

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120241.D
 Acq On : 30 Apr 2020 16:07
 Operator : MA/SJ
 Sample : PB128574BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Manual Integrations
 APPROVED

mohammad
 5/4/2020 8:18:57 AM

Quant Time: Apr 30 16:41:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	97374	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	371923	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	193497	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	372493	20.00	ng	0.00
76) Chrysene-d12	13.83	240	310802	20.00	ng	0.00
87) Perylene-d12	15.23	264	322638	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	748336	132.81	ng	0.00
7) Phenol-d6	6.31	99	909690	125.30	ng	0.00
23) Nitrobenzene-d5	7.22	82	568255	79.04	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	246534	104.06	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1110382	81.47	ng	0.00
79) Terphenyl-d14	12.77	244	1335299	72.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	91898	36.619	ng	97
3) Pyridine	2.93	79	273151	39.671	ng	97
4) n-Nitrosodimethylamine	2.88	42	147961	42.058	ng	98
6) Aniline	6.32	93	330211	34.652	ng	# 34
8) 2-Chlorophenol	6.44	128	287418	45.654	ng	98
9) Benzaldehyde	6.20	77	106553	22.247	ng	99
10) Phenol	6.32	94	367275	44.590	ng	95
11) bis(2-Chloroethyl)ether	6.39	93	274408	43.148	ng	97
12) 1,3-Dichlorobenzene	6.59	146	299513	43.456	ng	98
13) 1,4-Dichlorobenzene	6.67	146	308387	43.924	ng	97
14) 1,2-Dichlorobenzene	6.82	146	287578	44.445	ng	98
15) Benzyl Alcohol	6.80	79	235758	41.808	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	474048	38.305	ng	64
17) 2-Methylphenol	6.93	107	228107	40.601	ng	# 92
18) Hexachloroethane	7.16	117	112834	43.002	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	195762	41.930	ng	98
20) 3+4-Methylphenols	7.08	107	294553	42.867	ng	# 83
22) Acetophenone	7.06	105	394065	45.247	ng	# 98
24) Nitrobenzene	7.24	77	300992	41.619	ng	97
25) Isophorone	7.48	82	541483	39.072	ng	99
26) 2-Nitrophenol	7.56	139	153957	42.610	ng	92
27) 2,4-Dimethylphenol	7.60	122	236391	43.380	ng	96
28) bis(2-Chloroethoxy)methane	7.69	93	337090	41.335	ng	98
29) 2,4-Dichlorophenol	7.81	162	229117	41.019	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	258507	40.845	ng	100
31) Naphthalene	7.96	128	822801	42.048	ng	97
32) Benzoic acid	7.74	122	161846	33.818	ng	93
33) 4-Chloroaniline	8.02	127	202351	23.754	ng	97
34) Hexachlorobutadiene	8.08	225	146257	38.605	ng	99
35) Caprolactam	8.39	113	72381m	42.362	ng	
36) 4-Chloro-3-methylphenol	8.52	107	255911	42.318	ng	99
37) 2-Methylnaphthalene	8.65	142	546028	41.159	ng	99
38) 1-Methylnaphthalene	8.75	142	520073	41.592	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	248777	40.707	ng	100

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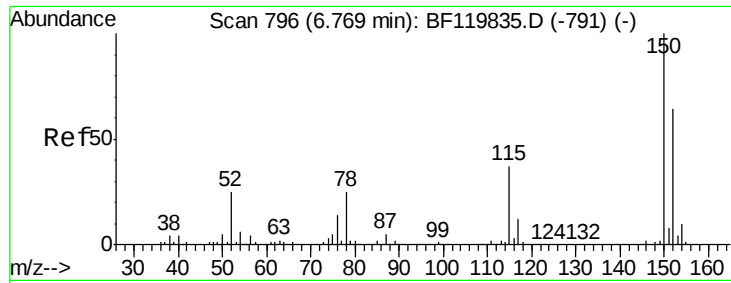
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	222457	64.013	nq	98
43) 2,4,6-Trichlorophenol	8.94	196	165762	39.278	nq	98
44) 2,4,5-Trichlorophenol	8.99	196	174295	36.669	nq	95
46) 1,1'-Biphenyl	9.12	154	666320	40.798	nq	96
47) 2-Chloronaphthalene	9.15	162	525977	41.806	nq	98
48) 2-Nitroaniline	9.25	65	182268	39.977	nq	98
49) Acenaphthylene	9.56	152	813930	42.538	nq	98
50) Dimethylphthalate	9.43	163	609959	40.754	nq	100
51) 2,6-Dinitrotoluene	9.49	165	134656	41.085	nq	97
52) Acenaphthene	9.73	154	483670	37.894	nq	97
53) 3-Nitroaniline	9.66	138	100754	26.917	nq	98
54) 2,4-Dinitrophenol	9.77	184	137089	69.864	nq	98
55) Dibenzofuran	9.90	168	740387	42.272	nq	99
56) 4-Nitrophenol	9.85	139	195538	70.208	nq	98
57) 2,4-Dinitrotoluene	9.90	165	177490	41.104	nq	93
58) Fluorene	10.25	166	579416	41.365	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	148868	40.950	nq	98
60) Diethylphthalate	10.13	149	620261	39.986	nq	99
61) 4-Chlorophenyl-phenylether	10.24	204	280344	39.048	nq	98
62) 4-Nitroaniline	10.27	138	151179	42.379	nq	99
63) Azobenzene	10.40	77	585734	42.134	nq	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	95823	39.047	nq	79
66) n-Nitrosodiphenylamine	10.36	169	528001	42.622	nq	100
67) 4-Bromophenyl-phenylether	10.73	248	170671	36.843	nq	95
68) Hexachlorobenzene	10.79	284	183486	39.045	nq	98
69) Atrazine	10.90	200	160233	46.488	nq	99
70) Pentachlorophenol	11.00	266	154150	56.922	nq	97
71) Phenanthrene	11.21	178	850856	42.919	nq	98
72) Anthracene	11.26	178	886716	43.784	nq	97
73) Carbazole	11.42	167	808123	42.196	nq	97
74) Di-n-butylphthalate	11.76	149	1026393	40.768	nq	98
75) Fluoranthene	12.40	202	967790	45.244	nq	97
77) Benzidine	12.52	184	538699	51.275	nq	99
78) Pyrene	12.62	202	982102	37.483	nq	98
80) Butylbenzylphthalate	13.25	149	446305	35.104	nq	98
81) Benzo(a)anthracene	13.82	228	859027	42.013	nq	98
82) 3,3'-Dichlorobenzidine	13.78	252	212556	27.861	nq	97
83) Chrysene	13.85	228	877761	42.250	nq	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	613872	35.655	nq	99
85) Di-n-octyl phthalate	14.43	149	1111680	37.922	nq	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	985082	53.790	nq	99
88) Benzo(b)fluoranthene	14.83	252	940795	40.534	nq	99
89) Benzo(k)fluoranthene	14.86	252	790133	39.456	nq	99
90) Benzo(a)pyrene	15.17	252	811546	41.586	nq	97
91) Dibenzo(a,h)anthracene	16.60	278	819505	47.409	nq	100
92) Benzo(g,h,i)perylene	17.00	276	789809	46.288	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

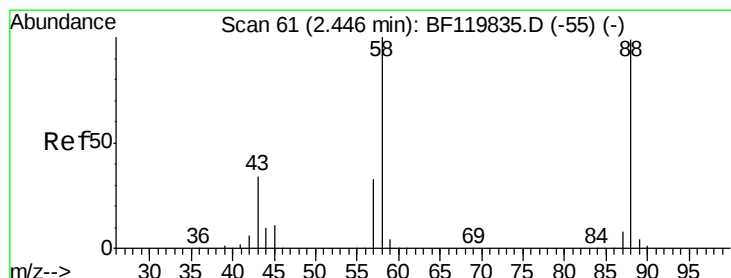
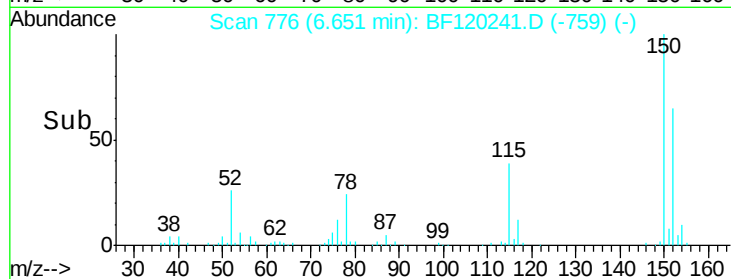
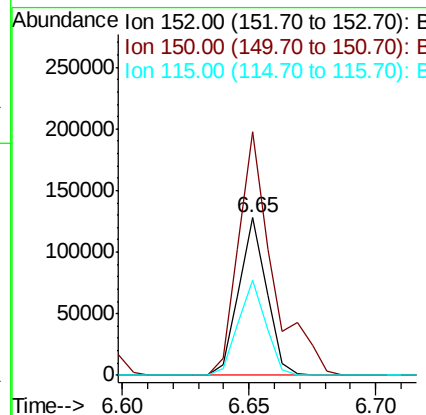
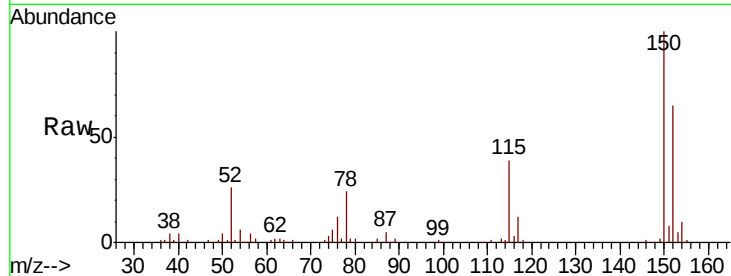
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampled :
PB128574BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.5	186.7
115	60.1	49.6	74.4

Manual Integrations
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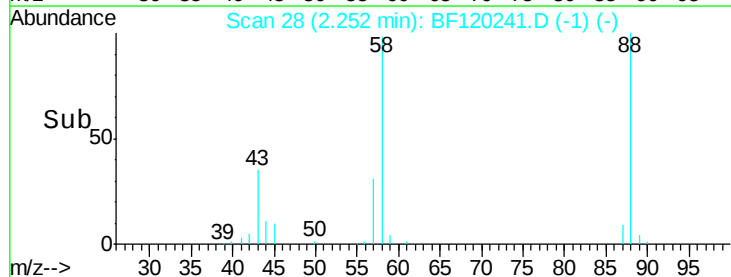
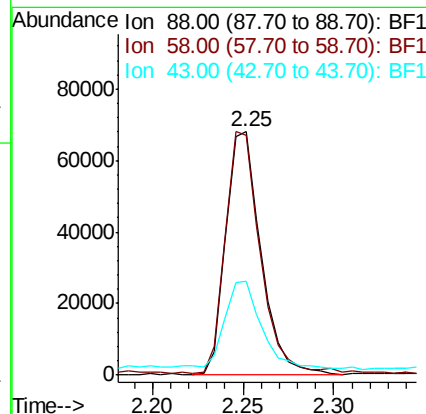
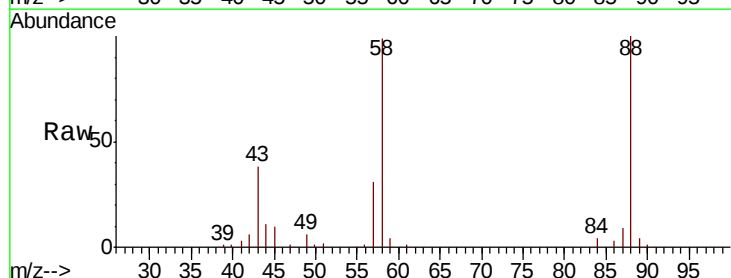
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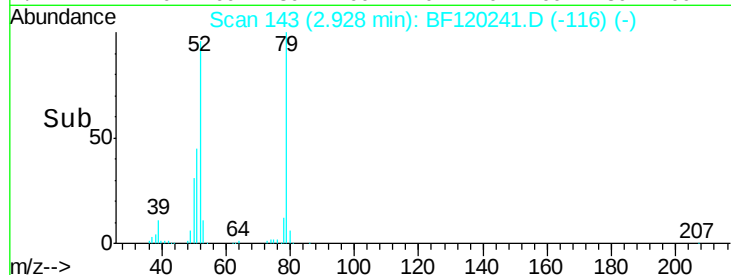
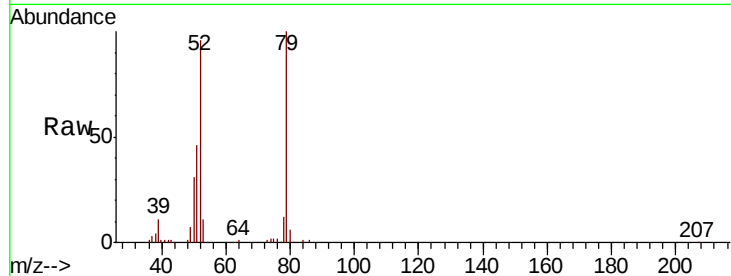
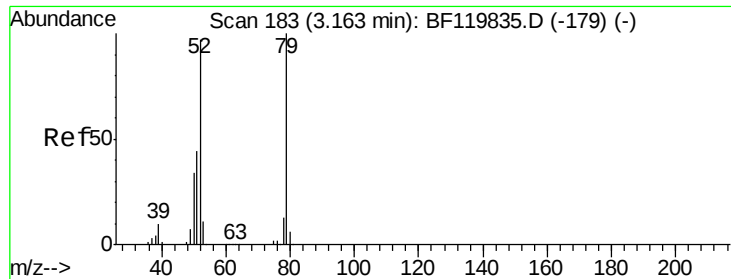


#2

1,4-Dioxane
Concen: 36.619 ng
RT: 2.25 min Scan# 28
Delta R.T. 0.06 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.0	80.6	121.0
43	37.2	27.5	41.3





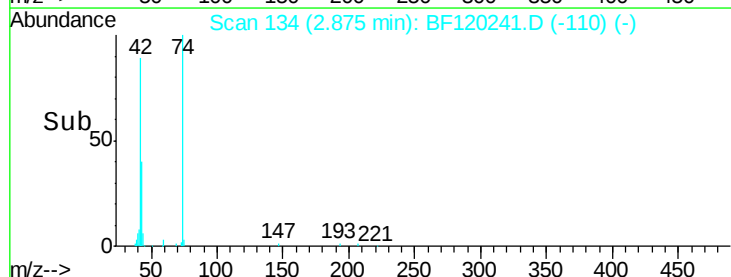
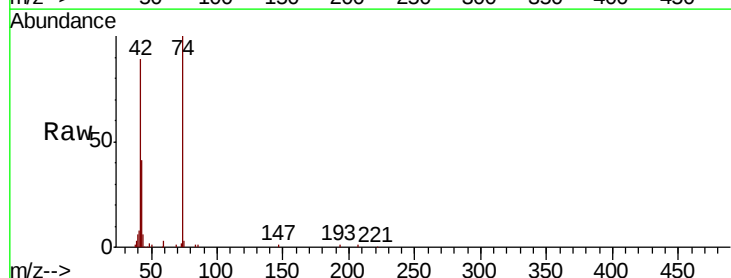
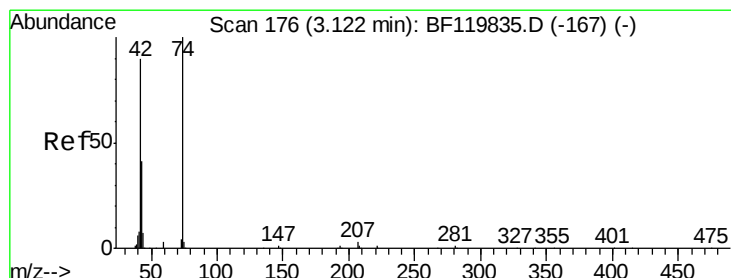
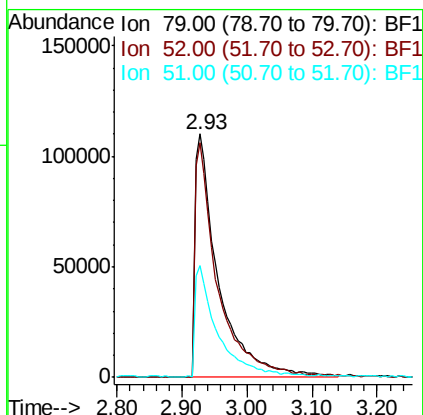
#3
 Pvridine
 Concen: 39.671 ng
 RT: 2.93 min Scan# 143
 Delta R.T. 0.06 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tot Ion	Ratio	Lower	Upper
79	100		
52	96.3	80.2	120.2
51	45.7	37.7	56.5

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

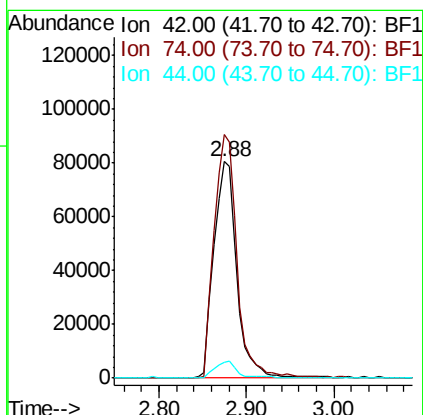
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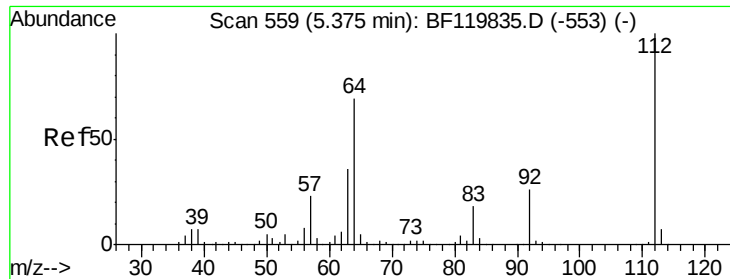
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#4
 n-Nitrosodimethylamine
 Concen: 42.058 ng
 RT: 2.88 min Scan# 134
 Delta R.T. 0.04 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.5	91.5	137.3
44	7.3	6.2	9.4





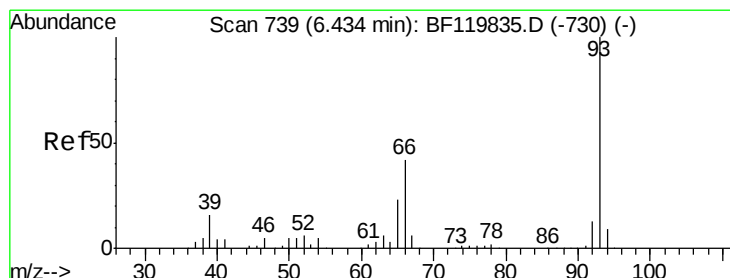
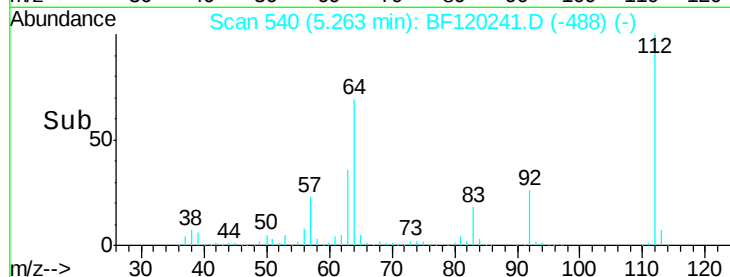
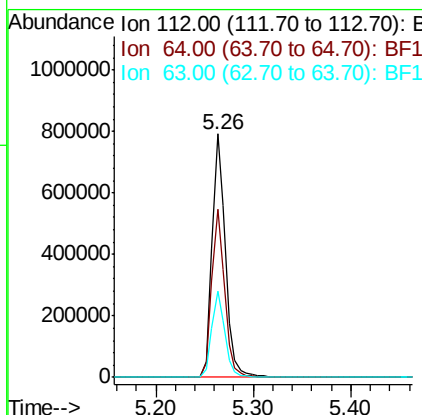
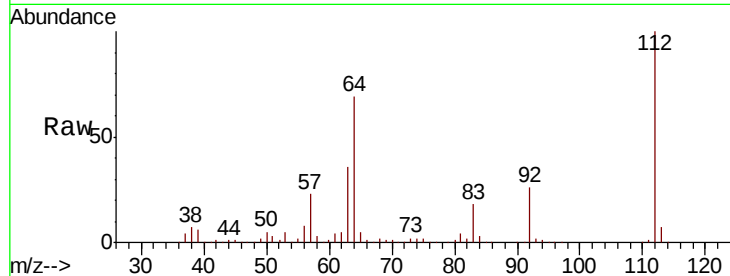
#5
2-Fluorophenol
Concen: 132.814 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	748336		
64	68.9	56.7	85.1	
63	35.7	29.5	44.3	

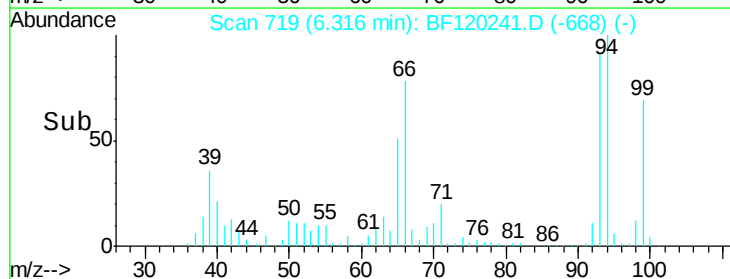
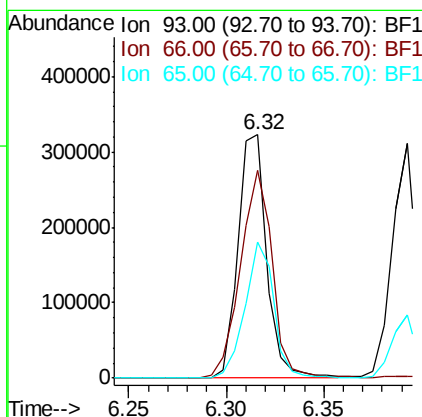
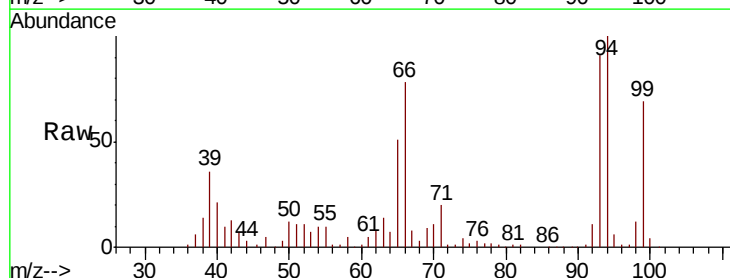
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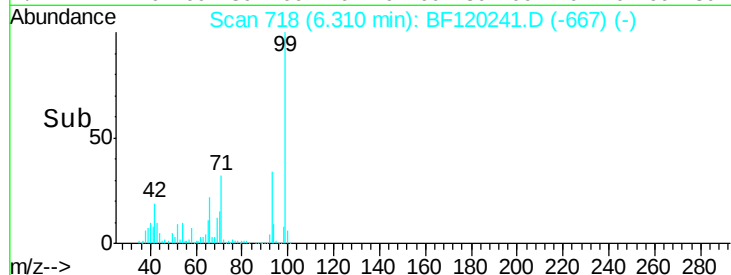
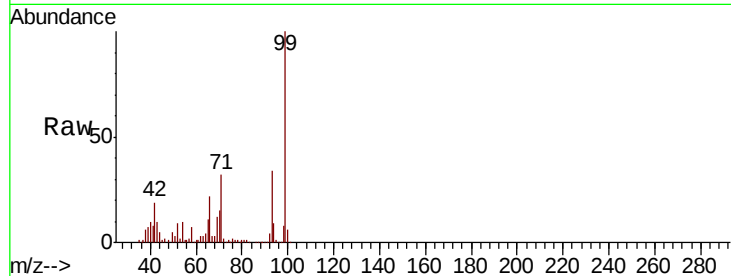
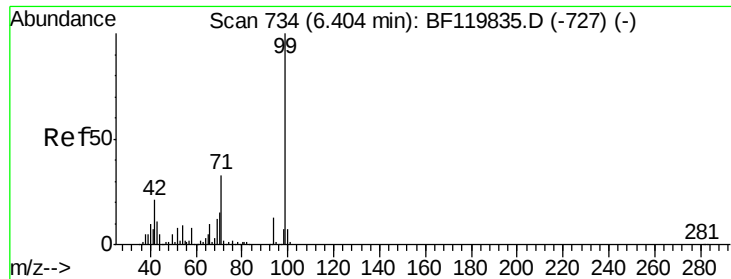
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#6
Aniline
Concen: 34.652 ng
RT: 6.32 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	330211		
66	85.2	34.9	52.3#	
65	56.1	18.6	27.8#	





#7

Phenol-d6

Concen: 125.297 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tot Ion:	99	Resp:	909690
Ion Ratio	Lower	Upper	
99	100		
42	19.4	16.6	24.8
71	31.9	26.4	39.6

Instrument :

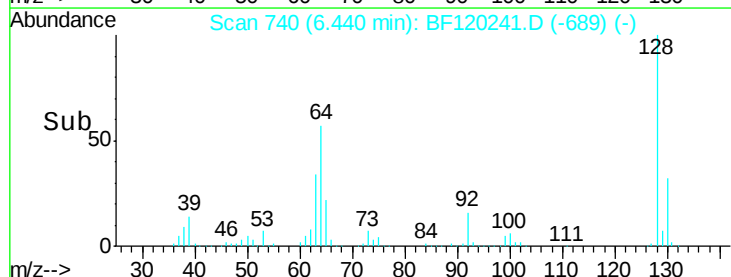
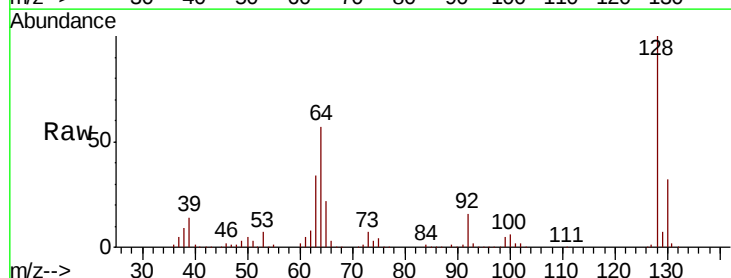
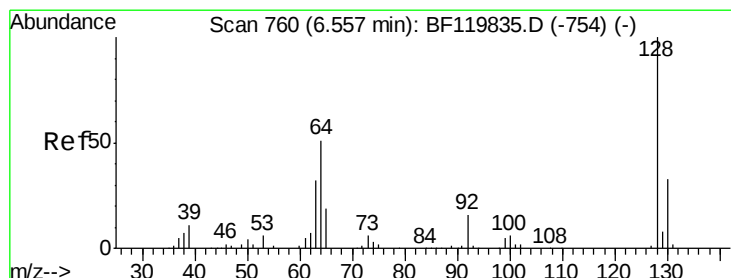
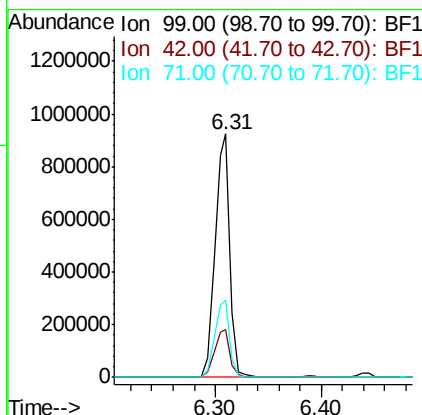
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 45.654 ng

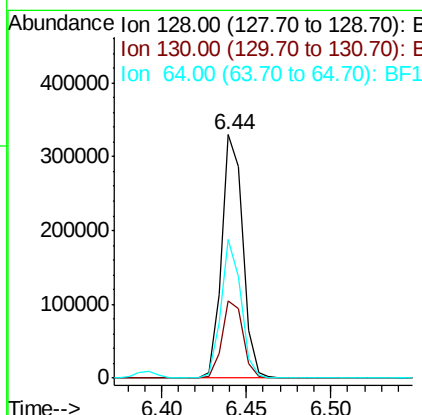
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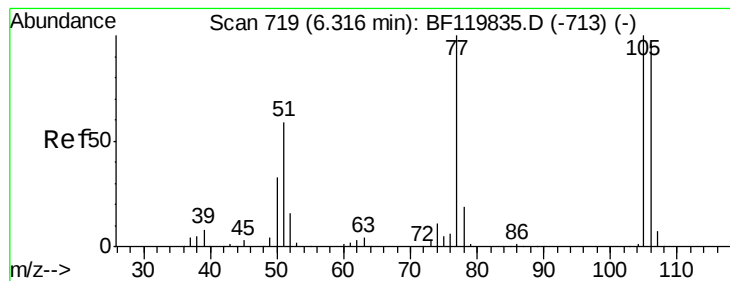
Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tgt Ion:	128	Resp:	287418
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.6	52.6
64	56.7	35.3	75.3





#9

Benzaldehyde

Concen: 22.247 ng

RT: 6.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

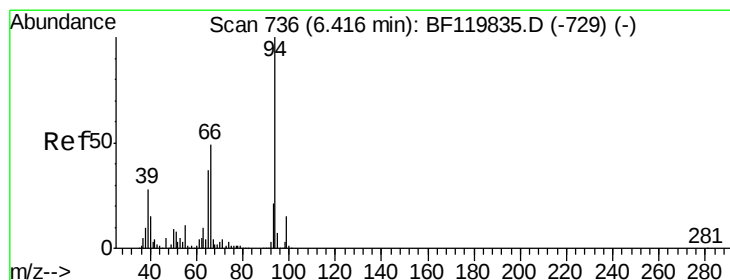
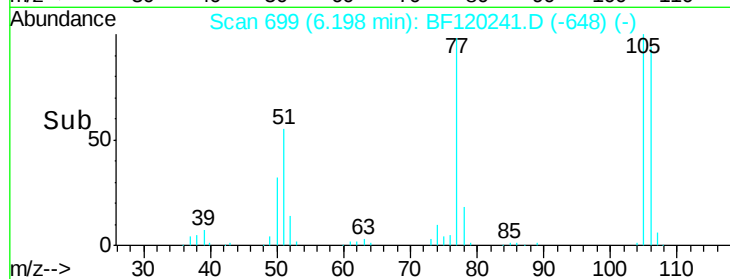
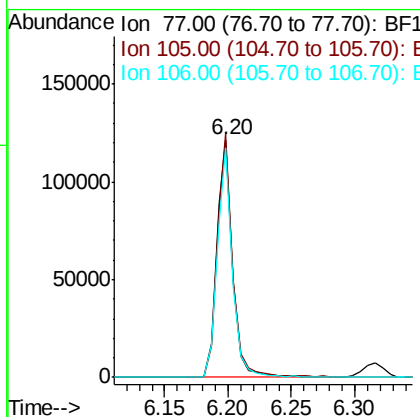
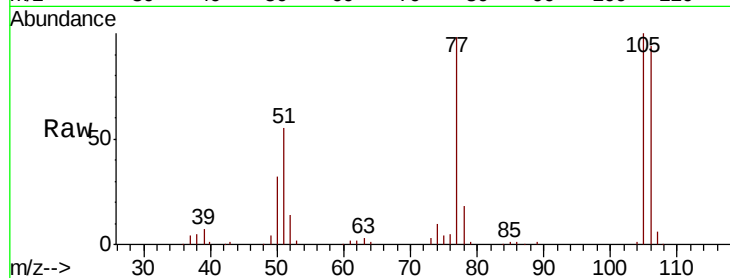
ClientSampleId :

PB128574BS

Tot Ion:	77	Resp:	106553
Ion	Ratio	Lower	Upper
77	100		
105	102.4	80.9	120.9
106	96.6	77.9	117.9

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#10

Phenol

Concen: 44.590 ng

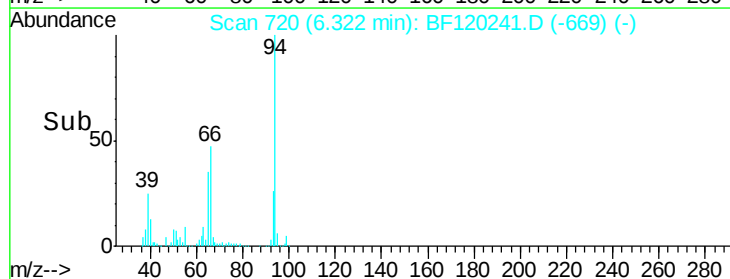
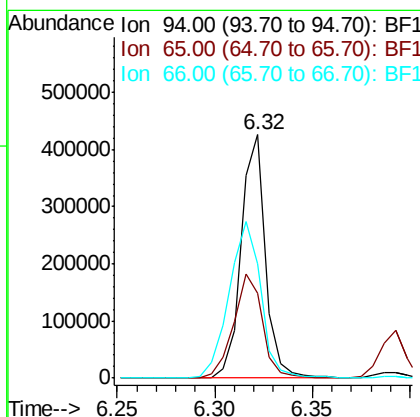
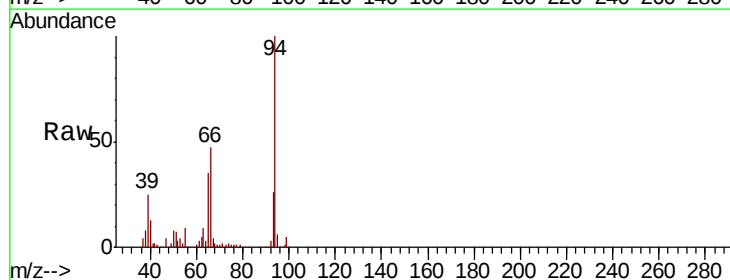
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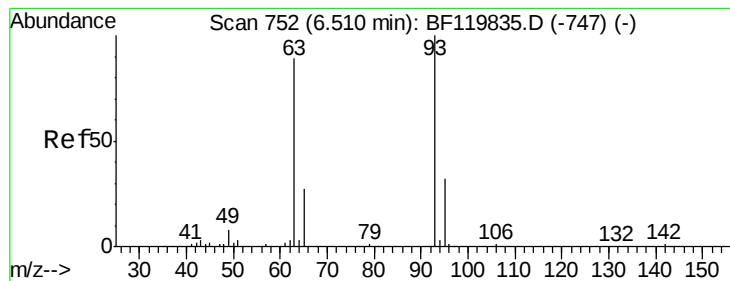
Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tgt Ion:	94	Resp:	367275
Ion	Ratio	Lower	Upper
94	100		
65	34.9	13.2	53.2
66	47.0	22.3	62.3





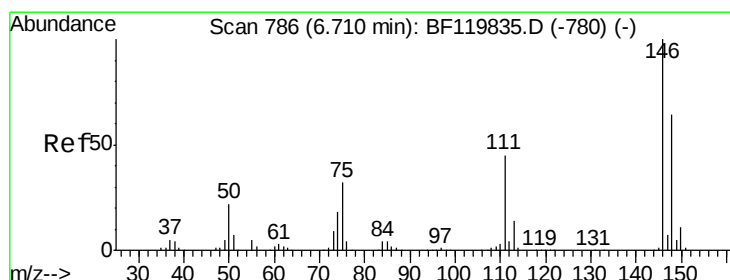
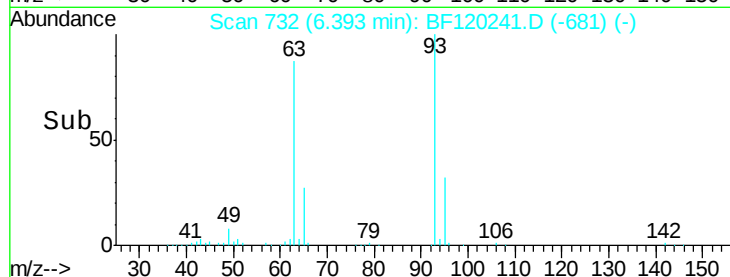
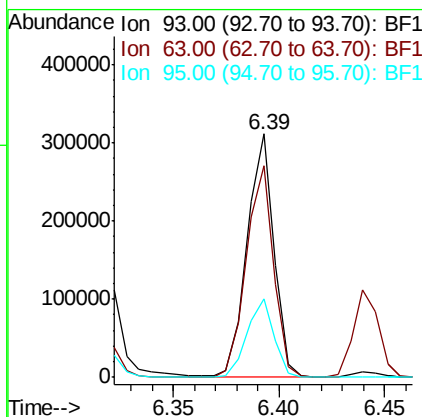
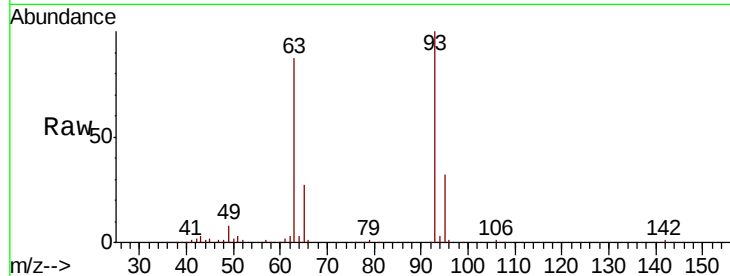
#11
bis(2-Chloroethyl)ether
Concen: 43.148 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.0	70.2	110.2
95	32.1	13.4	53.4

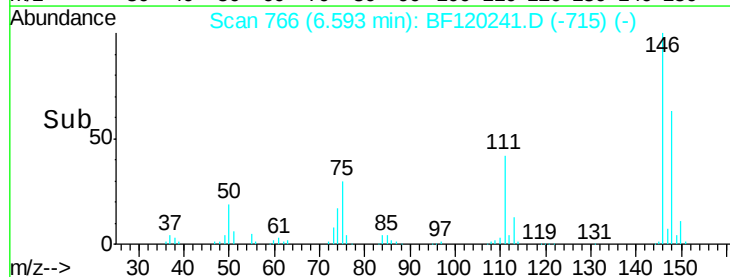
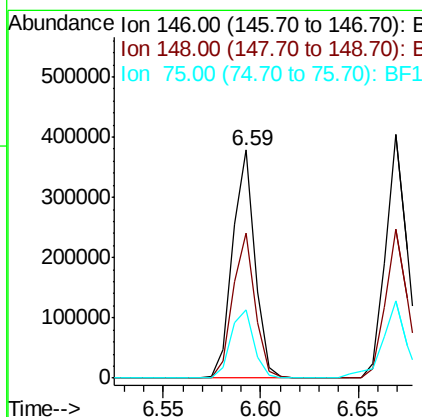
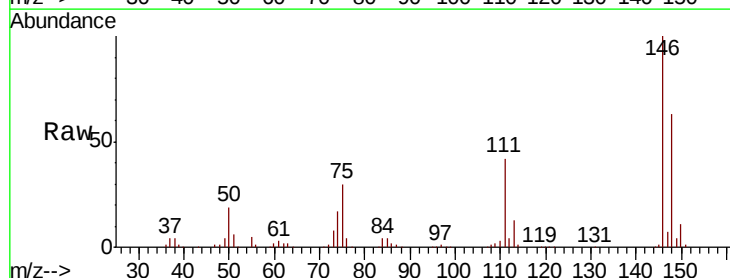
Manual Integrations
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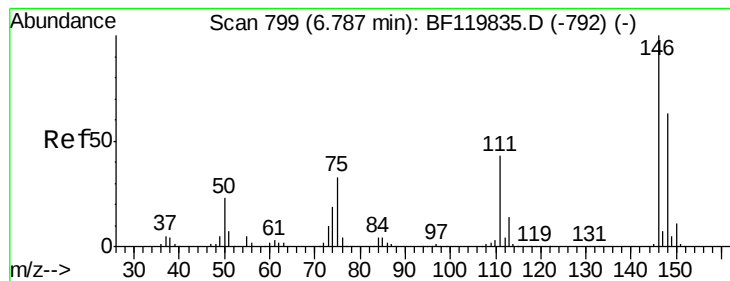
mohammad
5/4/2020 8:18:57 AM



#12
1,3-Dichlorobenzene
Concen: 43.456 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.4
75	29.9	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 43.924 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

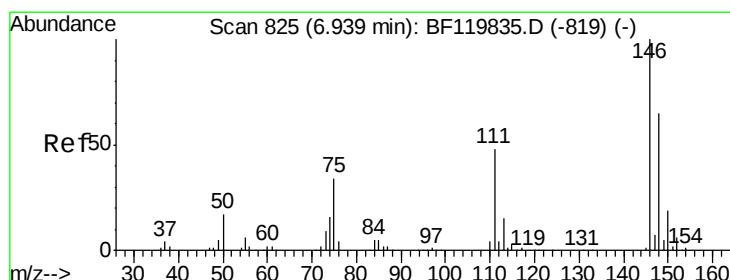
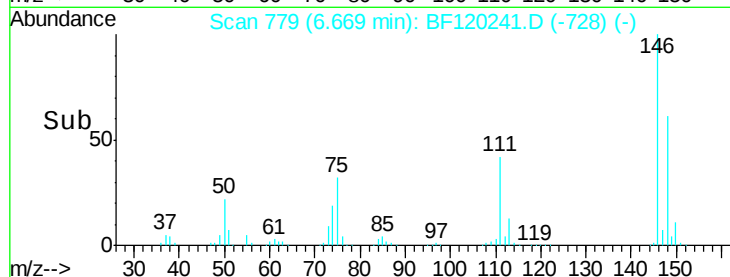
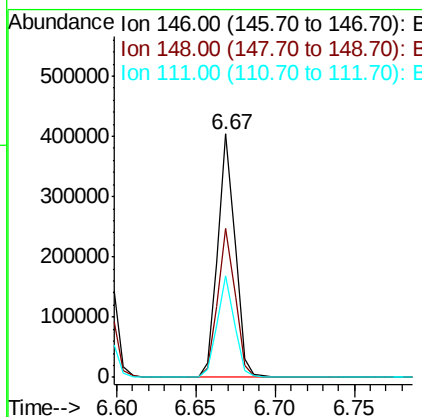
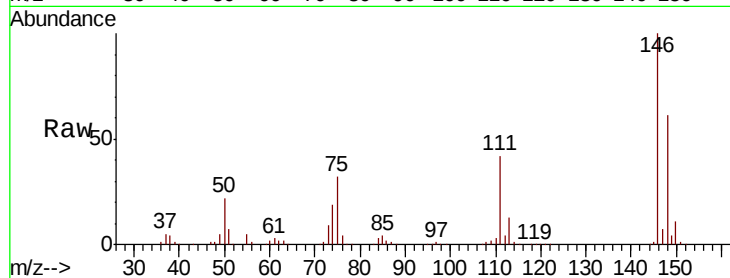
ClientSampleId :

PB128574BS

Tot Ion:	146	Resp:	308387
Ion Ratio	Lower	Upper	
146	100		
148	61.2	51.5	77.3
111	41.7	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 44.445 ng

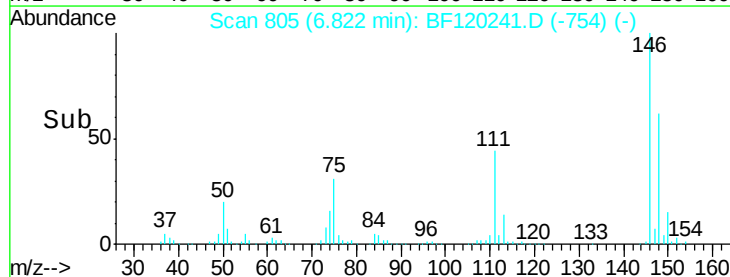
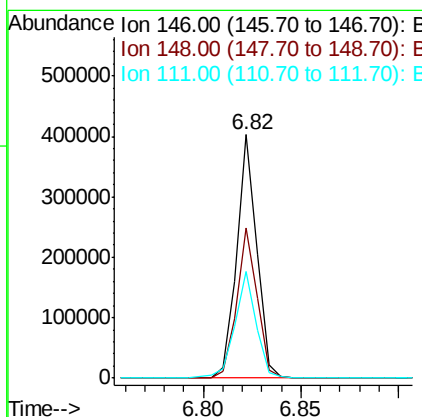
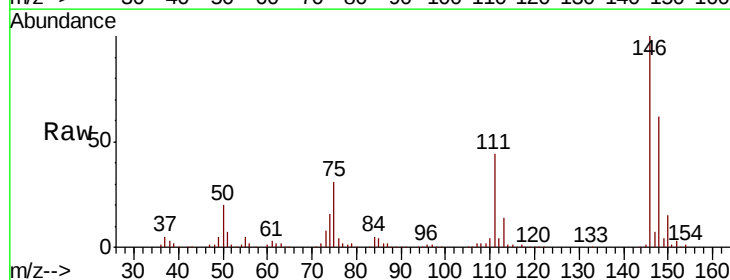
RT: 6.82 min Scan# 805

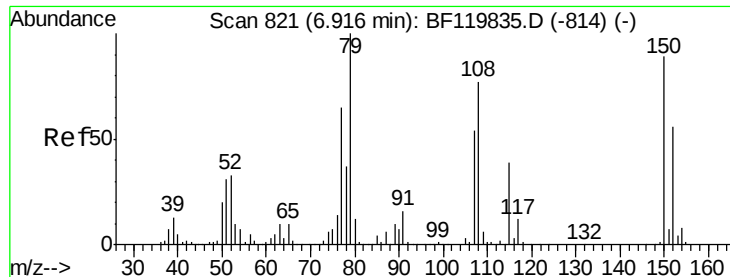
Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tgt Ion:	146	Resp:	287578
Ion Ratio	Lower	Upper	
146	100		
148	61.5	50.6	75.8
111	43.7	36.1	54.1





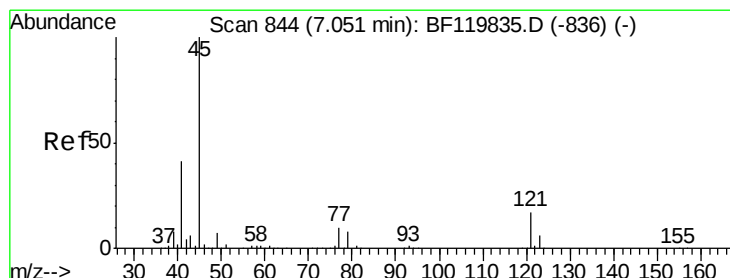
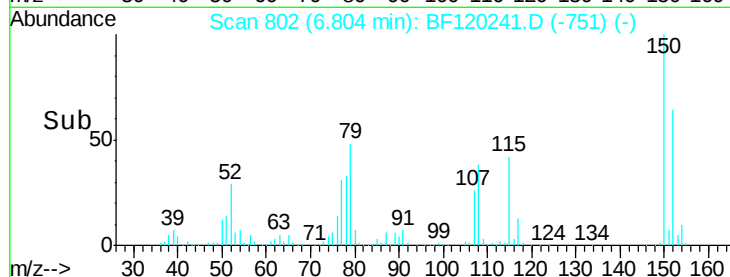
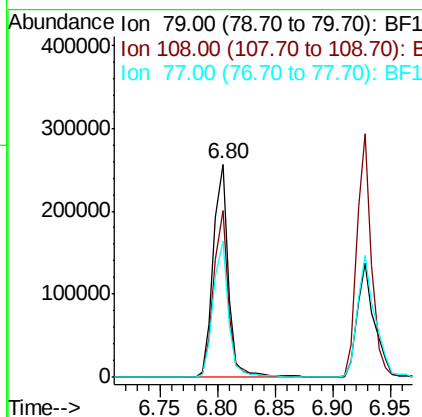
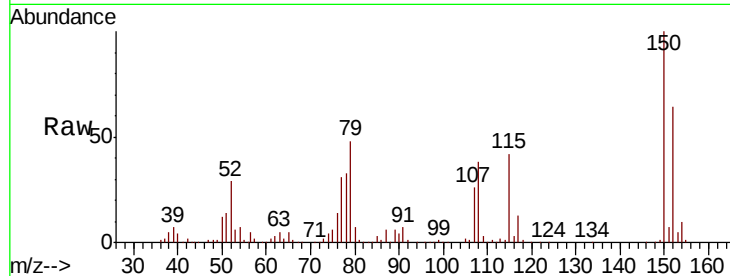
#15
Benzyl Alcohol
Concen: 41.808 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampled :
PB128574BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.3	60.6	90.8
77	64.2	50.2	75.2

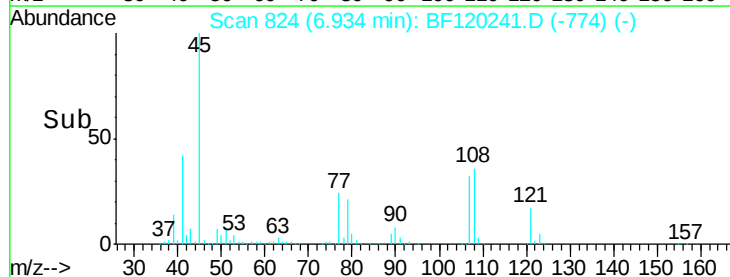
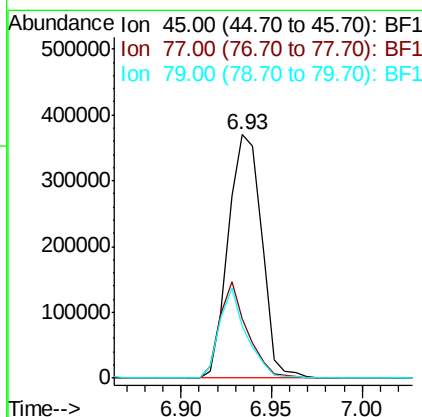
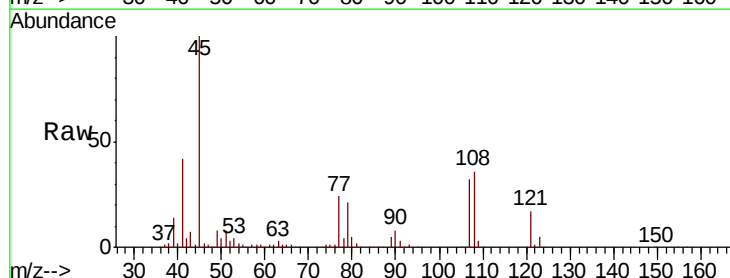
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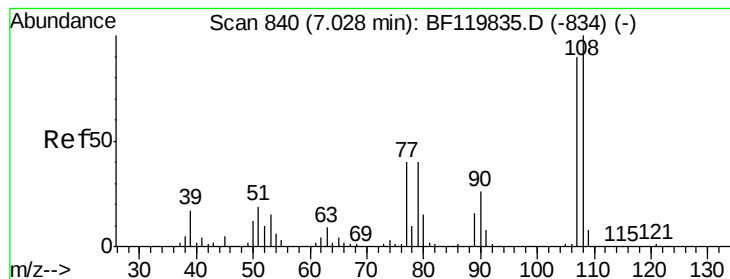
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.305 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.2	0.0	30.7
79	21.0	0.0	28.2





#17

2-Methylphenol

Concen: 40.601 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

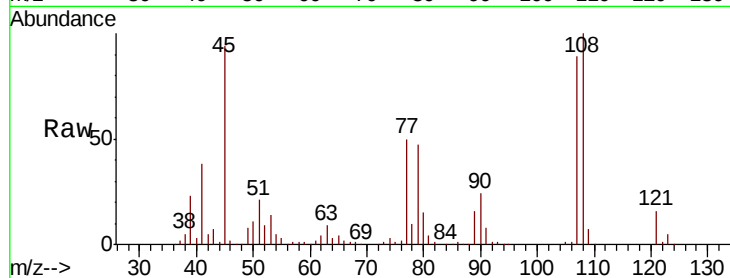
ClientSampleId :

PB128574BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	92.2	138.4
77	56.4	36.6	54.8
79	52.7	36.2	54.4

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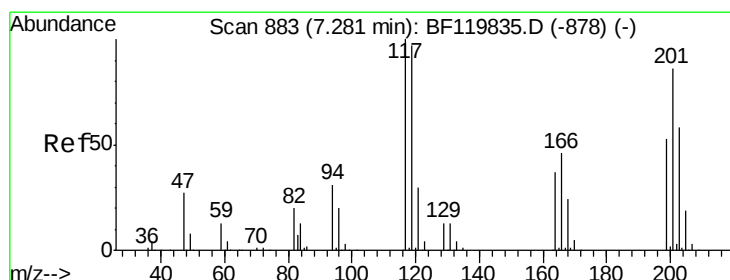
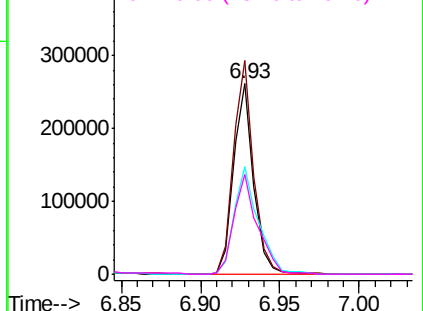
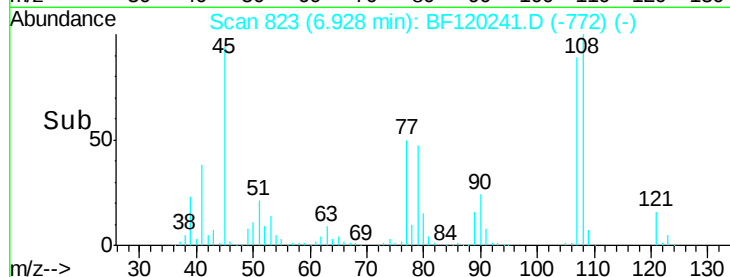
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.002 ng

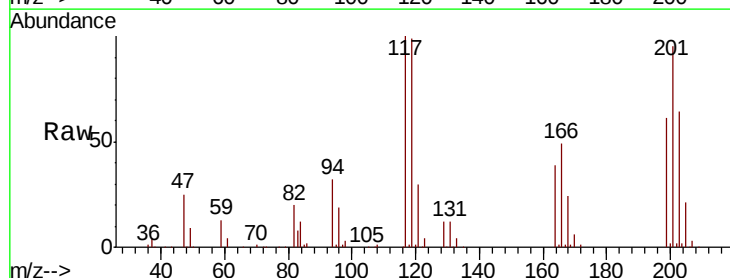
RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	76.1	114.1
201	95.1	73.0	109.6

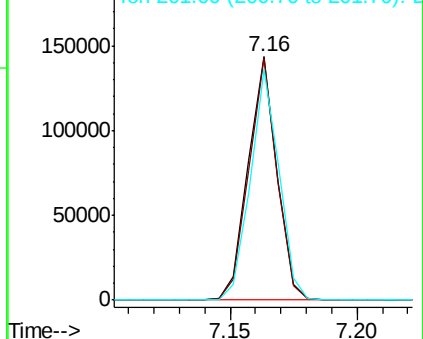
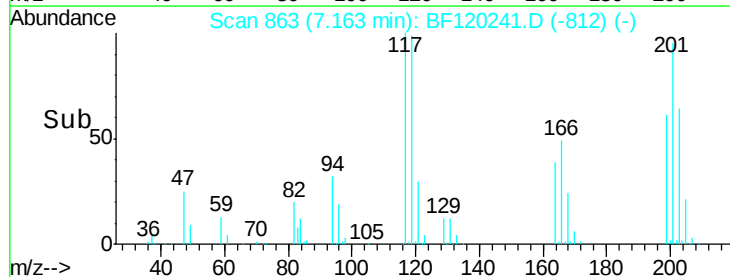


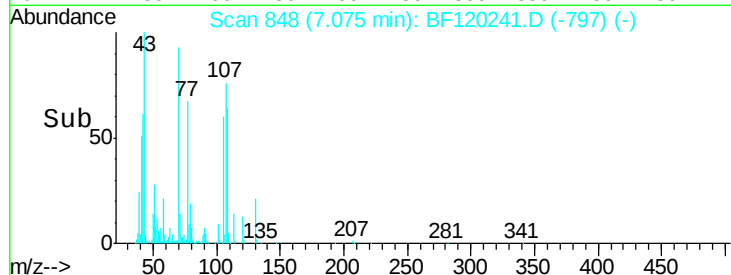
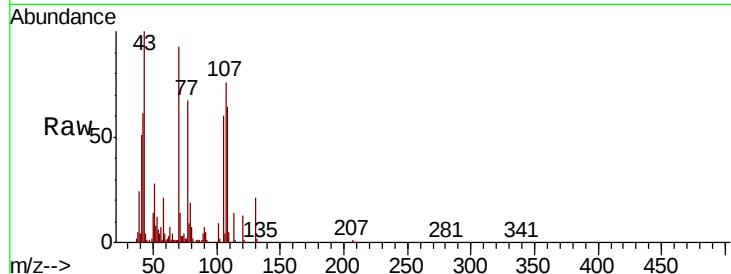
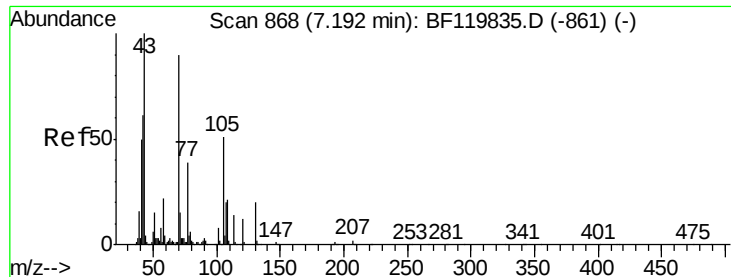
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





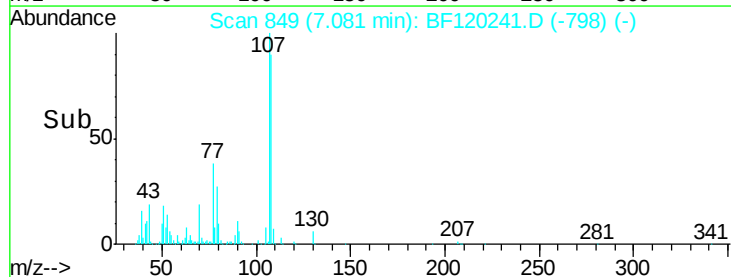
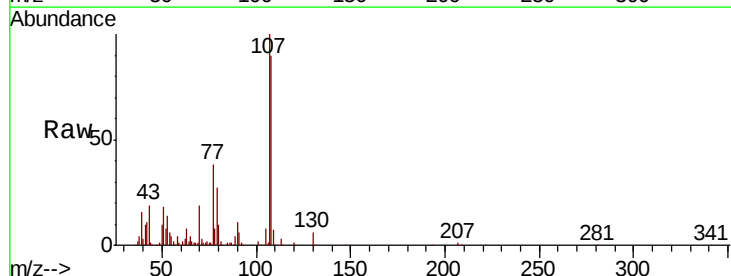
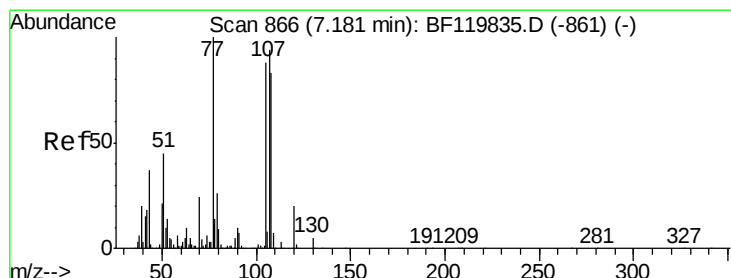
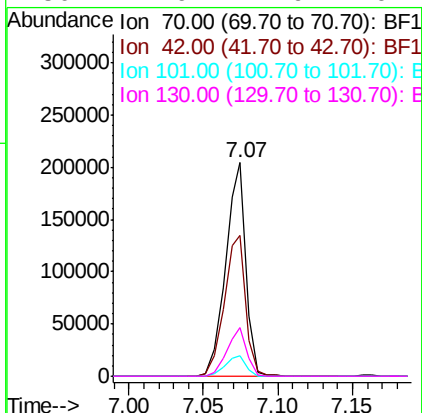
#19
n-Nitroso-di-n-propylamine
Concen: 41.930 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tot Ion	70	Resp	195762
Ion Ratio	Lower	Upper	
70	100		
42	65.8	54.5	81.7
101	9.5	7.6	11.4
130	22.6	17.6	26.4

Instrument :
BNA_F
ClientSampleId :
PB128574BS

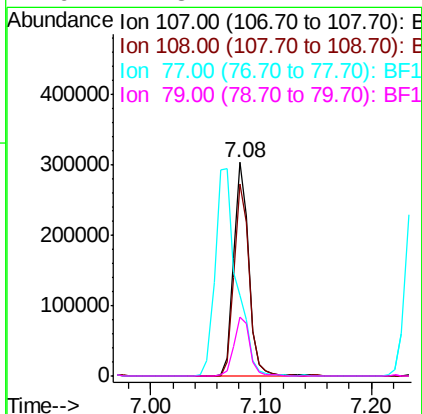
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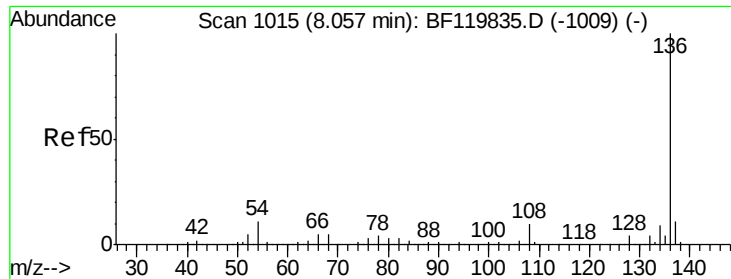
mohammad
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#20
3+4-Methylphenols
Concen: 42.867 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	107	Resp	294553
Ion Ratio	Lower	Upper	
107	100		
108	90.1	67.9	107.9
77	37.9	52.9	92.9#
79	27.3	7.7	47.7





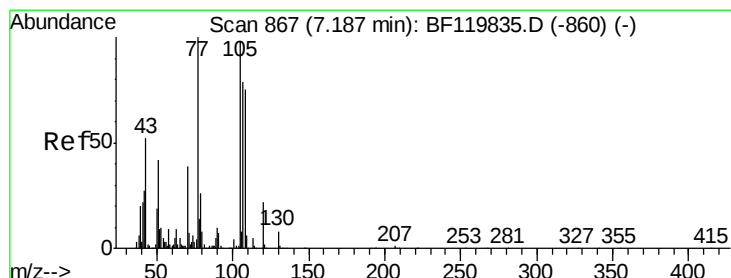
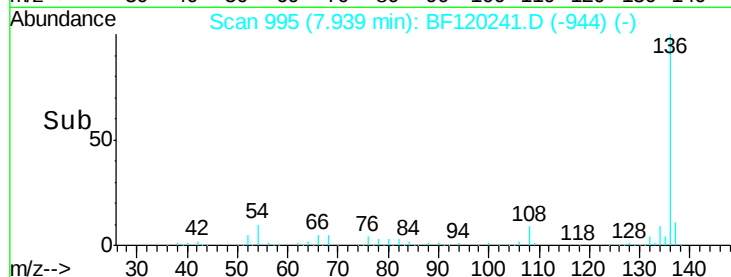
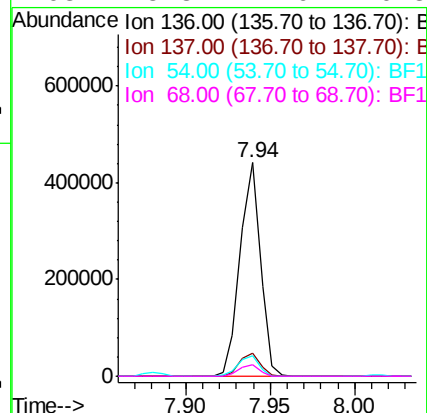
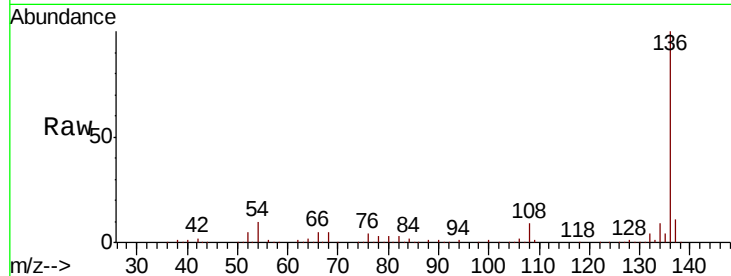
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	371923		
137	10.9		8.7	13.1
54	9.7		9.1	13.7
68	5.3		4.6	6.8

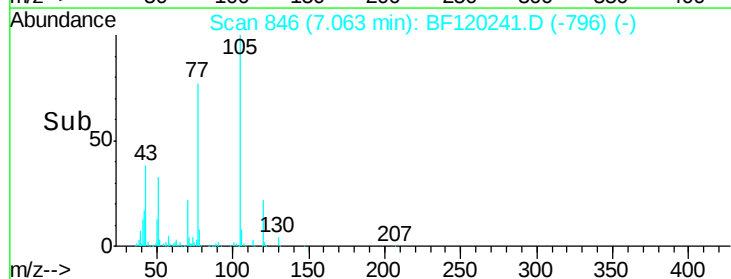
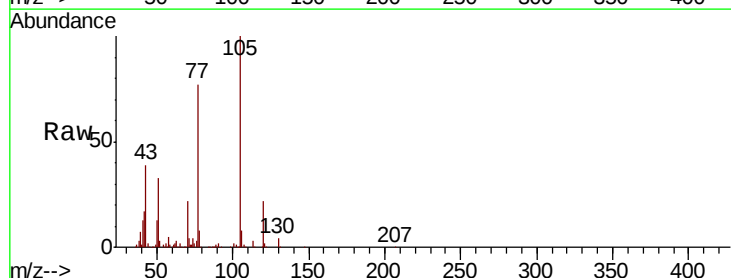
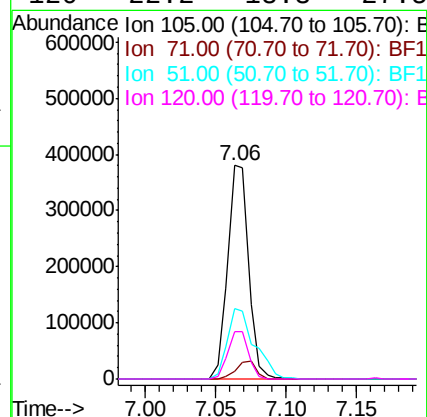
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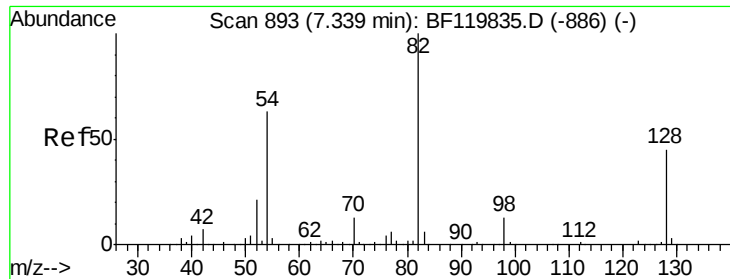
mohammad
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#22
Acetophenone
Concen: 45.247 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	394065		
71	3.8		5.7	8.5#
51	32.7		26.2	39.4
120	22.2		18.3	27.5





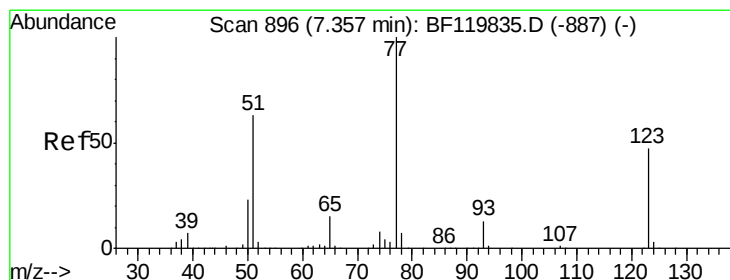
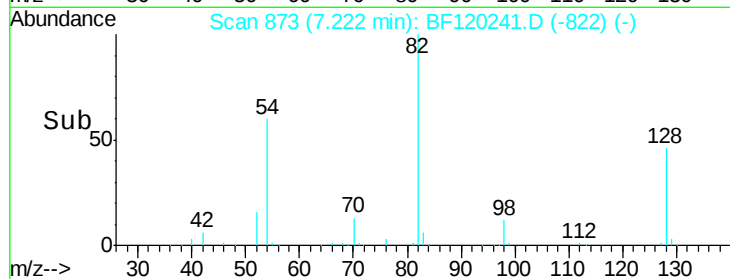
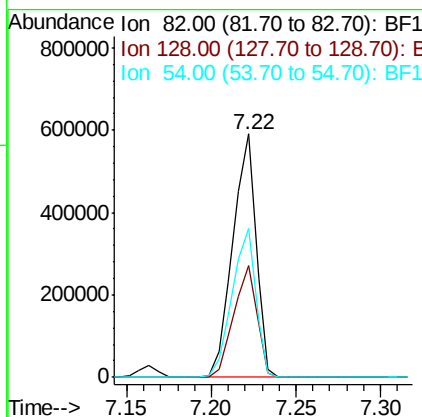
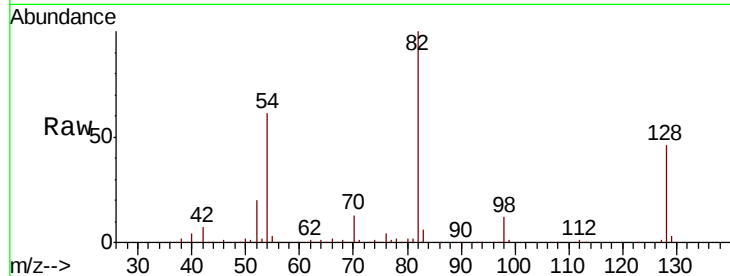
#23
Nitrobenzene-d5
Concen: 79.043 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	568255		
128	46.1	36.3	54.5	
54	61.4	50.6	75.8	

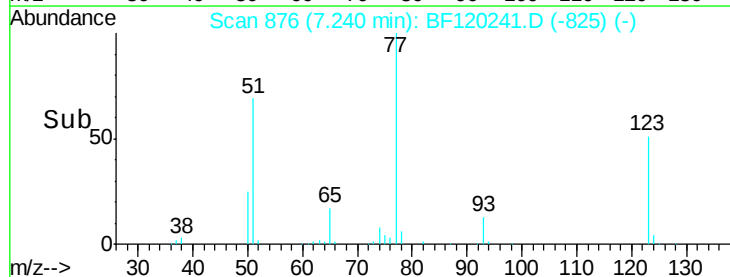
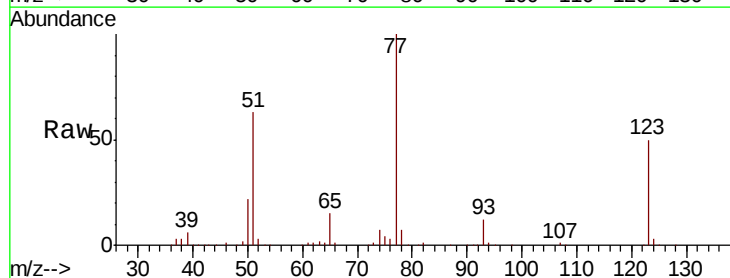
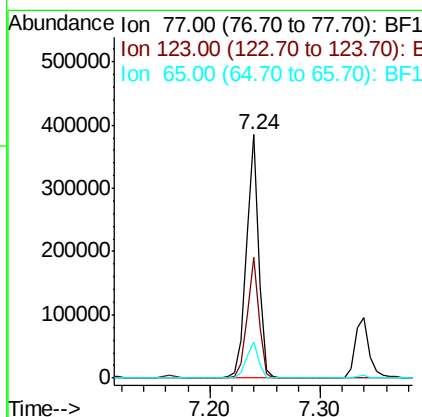
Manual Integrations
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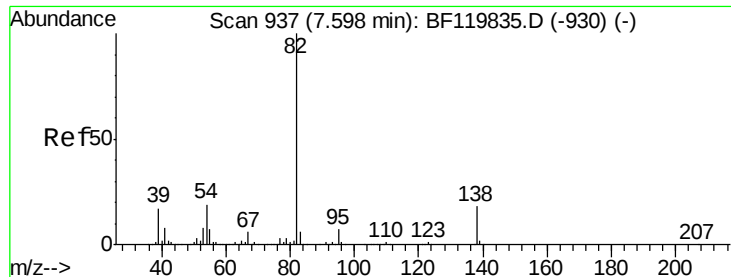
mohammad
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#24
Nitrobenzene
Concen: 41.619 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	300992		
123	49.5	38.0	57.0	
65	15.0	12.6	18.8	





#25

Isophorone

Concen: 39.072 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

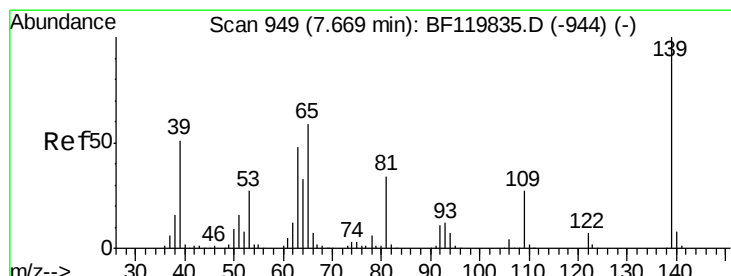
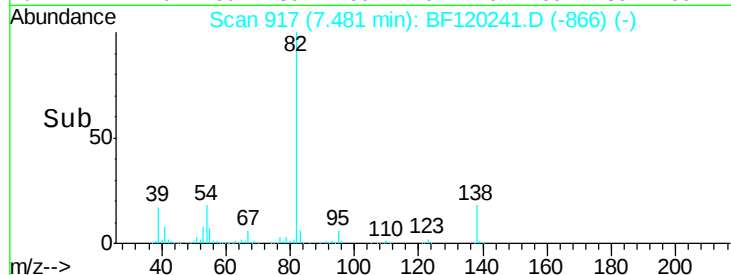
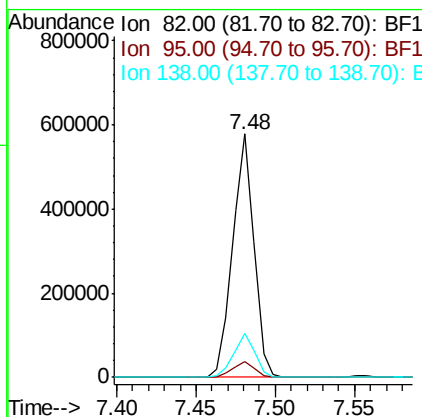
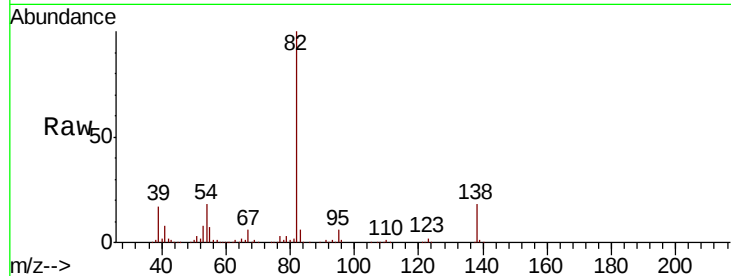
ClientSampleId :

PB128574BS

Tot Ion:	82	Resp:	541483
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.8	8.6
138	17.9	14.6	21.8

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#26

2-Nitrophenol

Concen: 42.610 ng

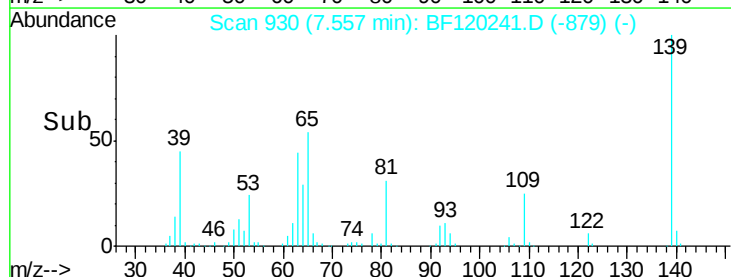
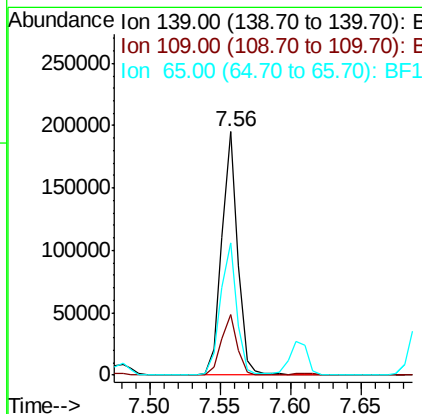
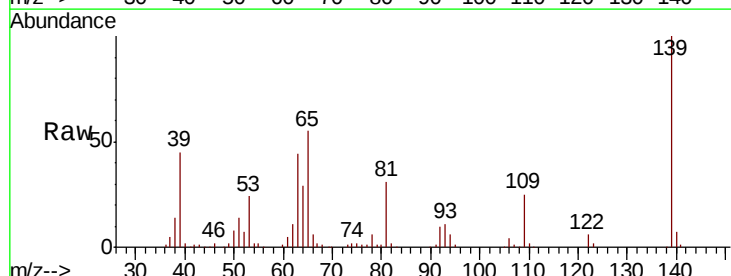
RT: 7.56 min Scan# 930

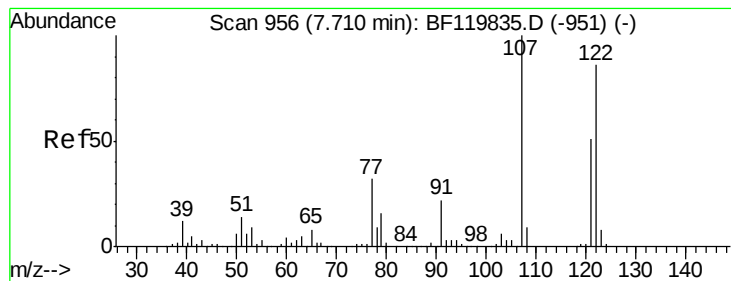
Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tgt Ion:	139	Resp:	153957
Ion Ratio	Lower	Upper	
139	100		
109	24.7	22.1	33.1
65	54.5	49.2	73.8





#27

2,4-Dimethylphenol

Concen: 43.380 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

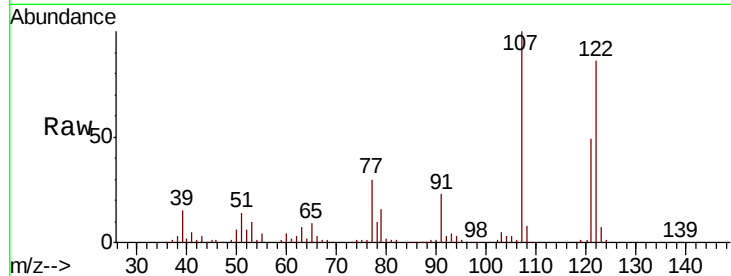
ClientSampleId :

PB128574BS

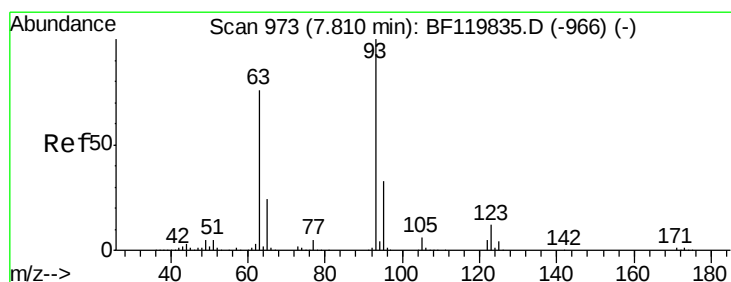
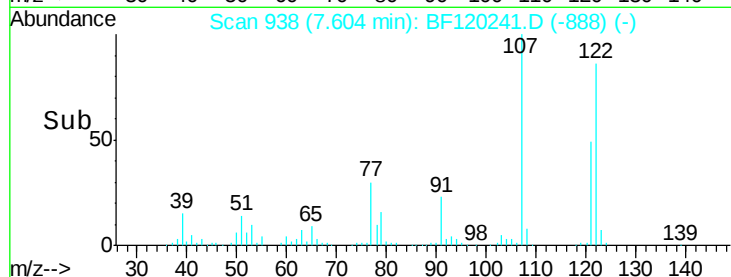
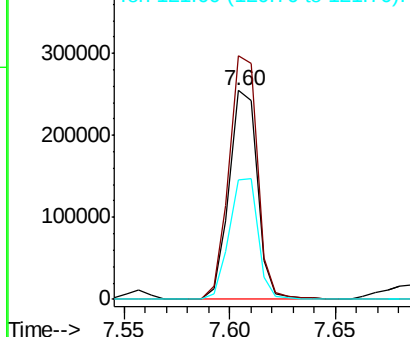
Tot Ion:	122	Resp:	236391
Ion Ratio	Lower	Upper	
122	100		
107	116.6	89.0	133.6
121	57.1	46.7	70.1

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.335 ng

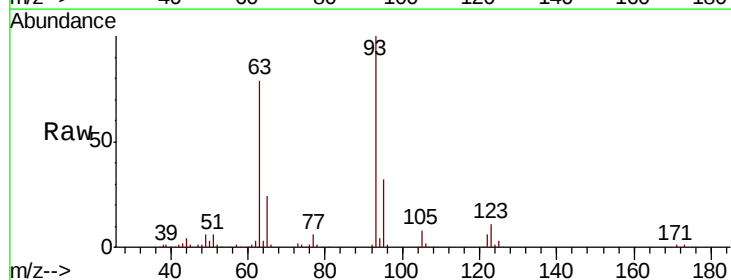
RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

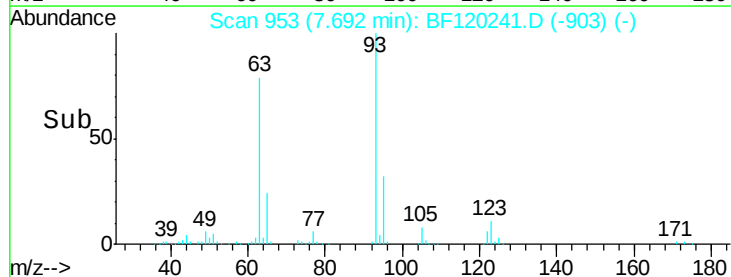
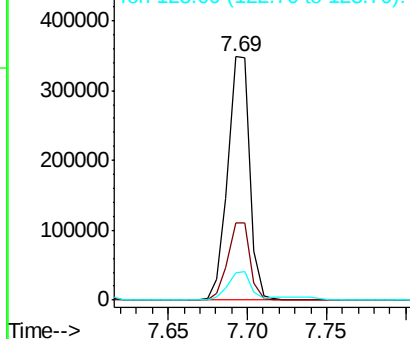
Lab File: BF120241.D

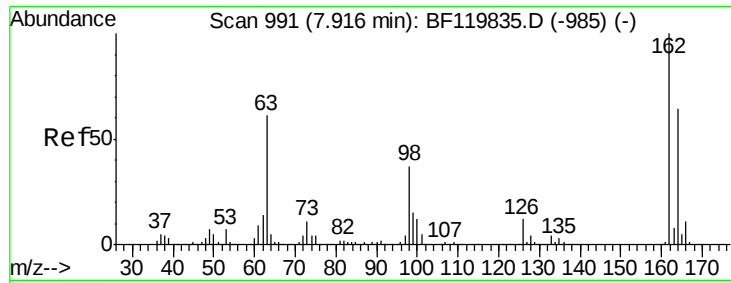
Acq: 30 Apr 2020 16:07

Tgt Ion:	93	Resp:	337090
Ion Ratio	Lower	Upper	
93	100		
95	31.5	26.3	39.5
123	11.3	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





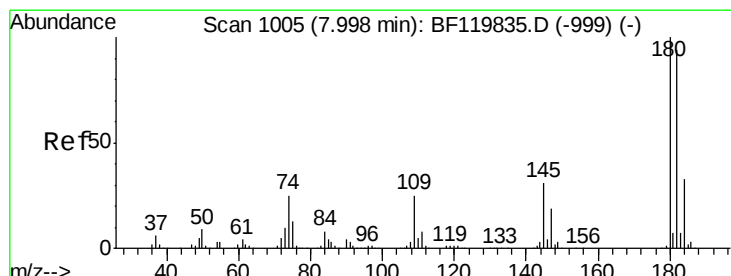
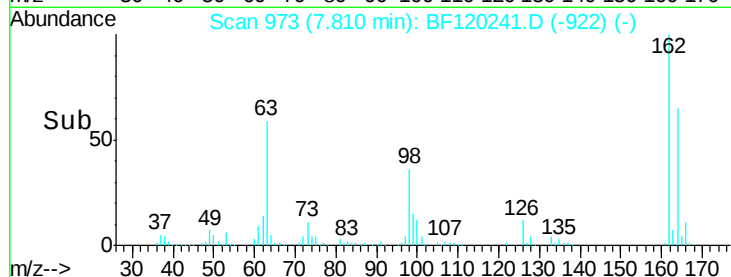
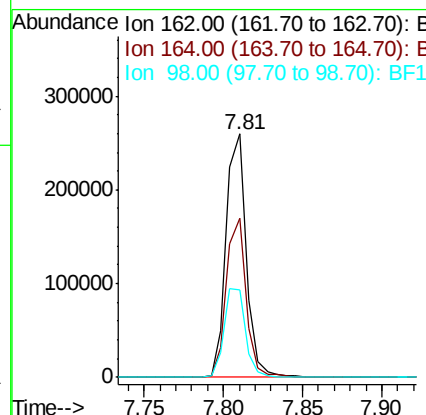
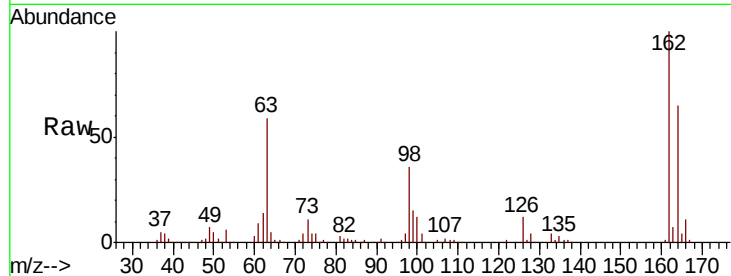
#29
 2,4-Dichlorophenol
 Concen: 41.019 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		229117		
164	65.2	44.7	84.7		
98	36.0	20.7	60.7		

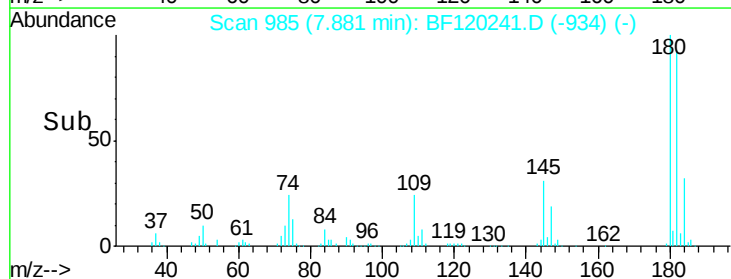
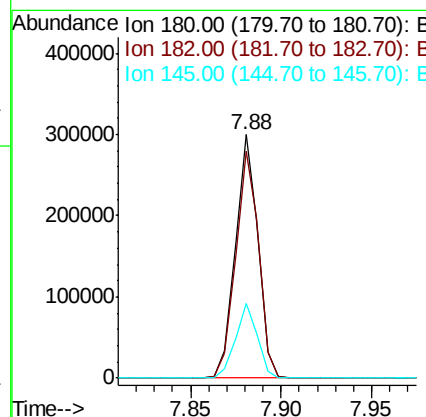
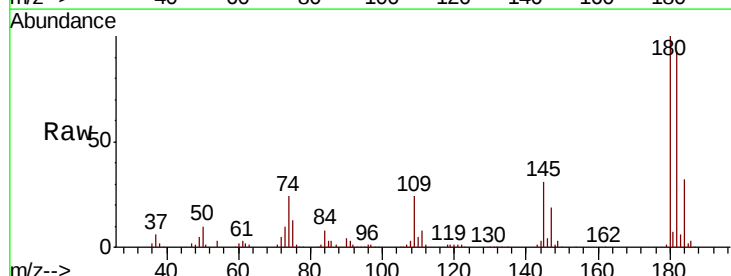
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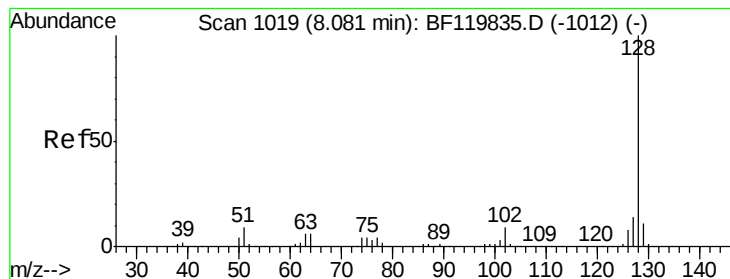
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.845 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		258507		
182	93.3	74.7	112.1		
145	30.7	24.5	36.7		





#31

Naphthalene

Concen: 42.048 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

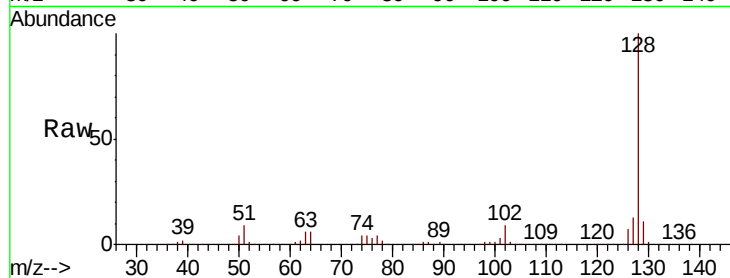
ClientSampleId :

PB128574BS

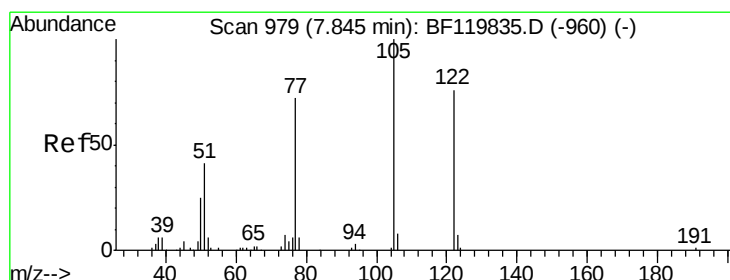
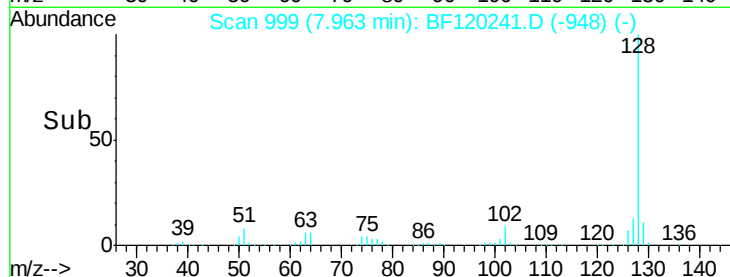
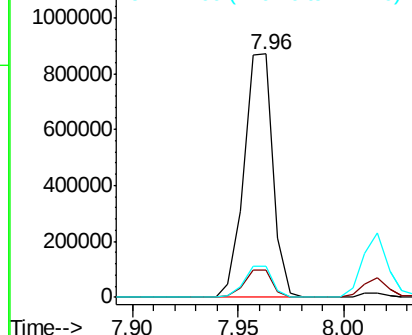
Tot Ion:	128	Resp:	822801
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.5	14.3
127	12.9	11.3	16.9

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.818 ng

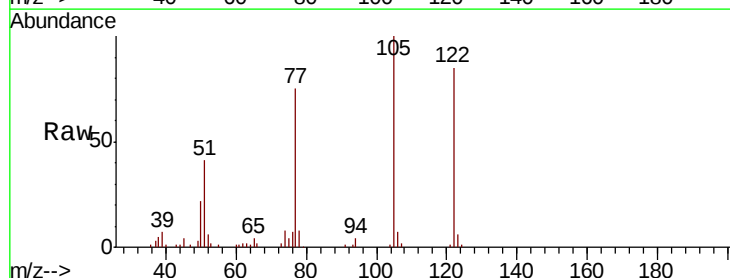
RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

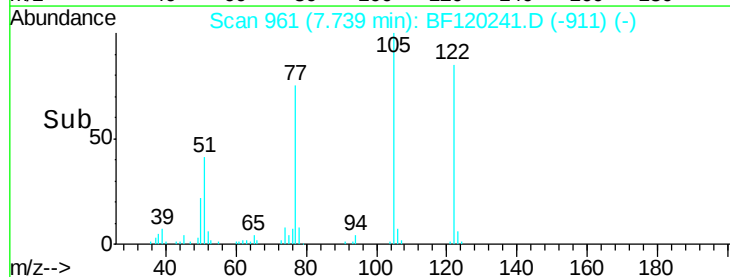
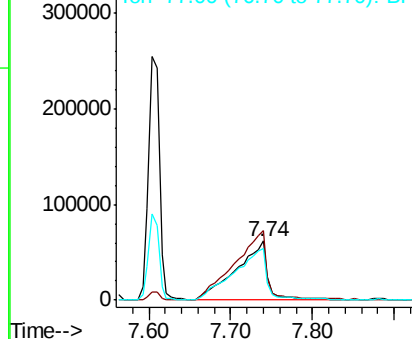
Lab File: BF120241.D

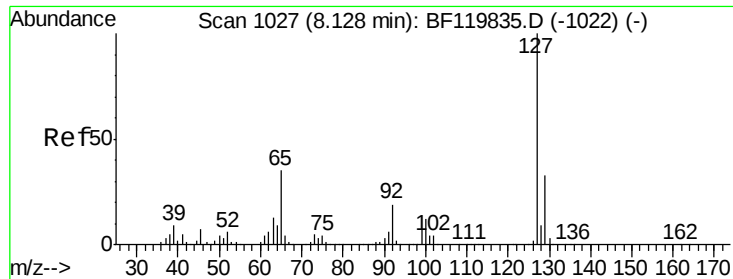
Acq: 30 Apr 2020 16:07

Tgt Ion:	122	Resp:	161846
Ion Ratio	Lower	Upper	
122	100		
105	117.1	104.9	144.9
77	88.2	74.4	114.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





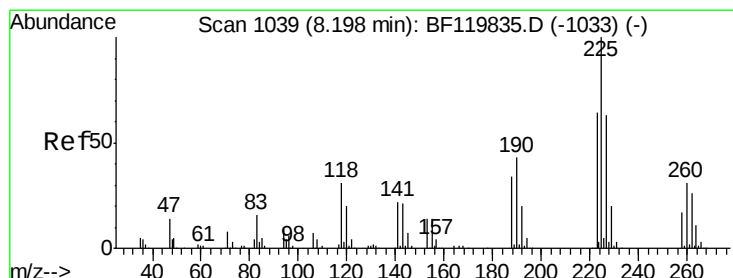
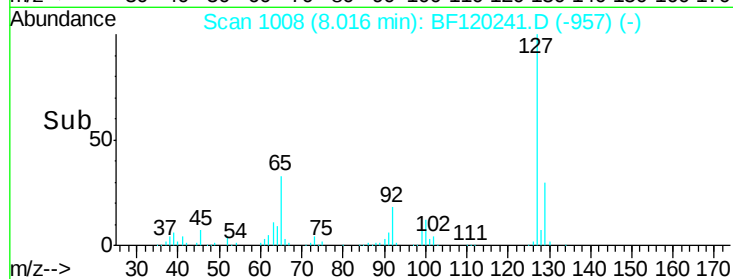
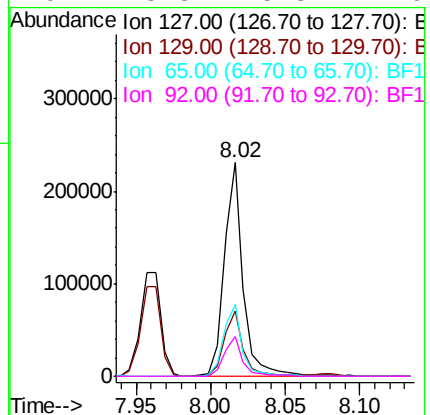
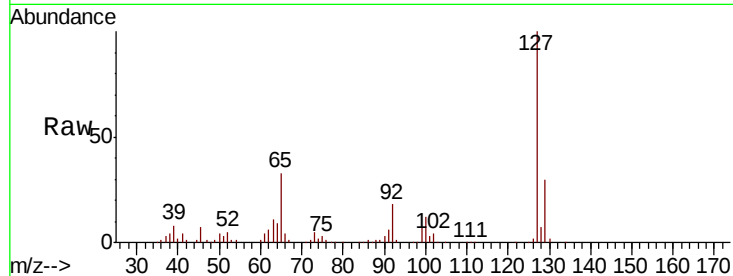
#33
4-Chloroaniline
Concen: 23.754 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		202351		
129	30.3	26.2	39.4		
65	33.4	27.4	41.0		
92	18.3	15.3	22.9		

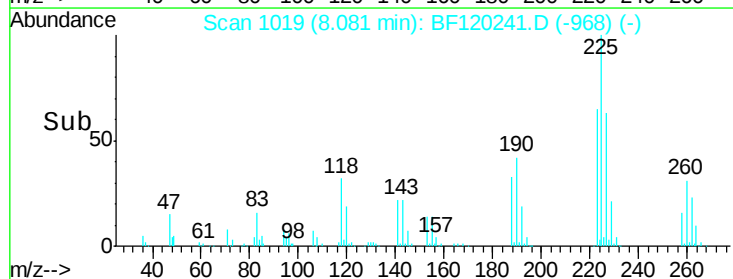
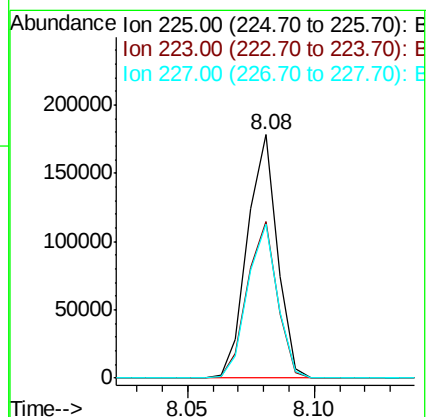
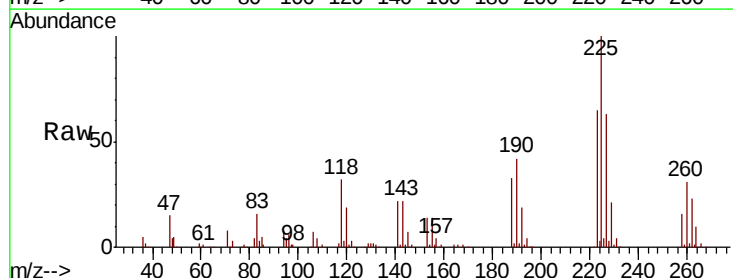
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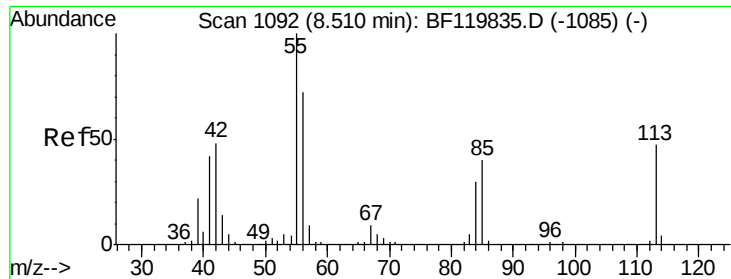
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#34
Hexachlorobutadiene
Concen: 38.605 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		146257		
223	64.6	51.0	76.6		
227	63.5	50.7	76.1		





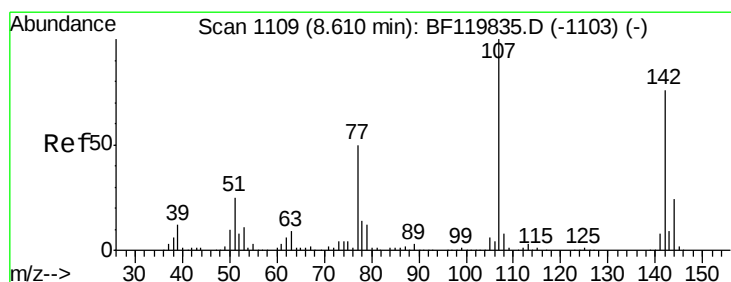
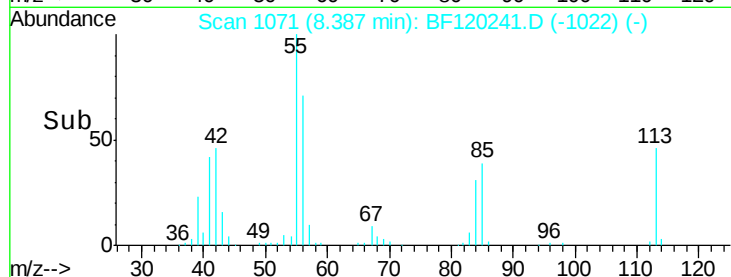
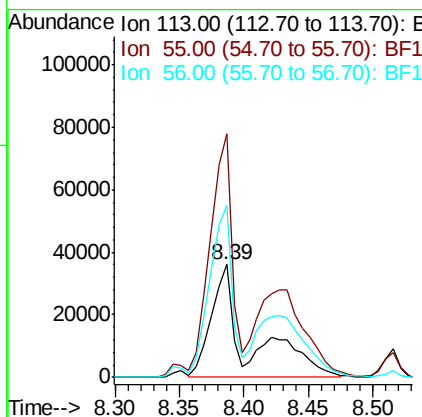
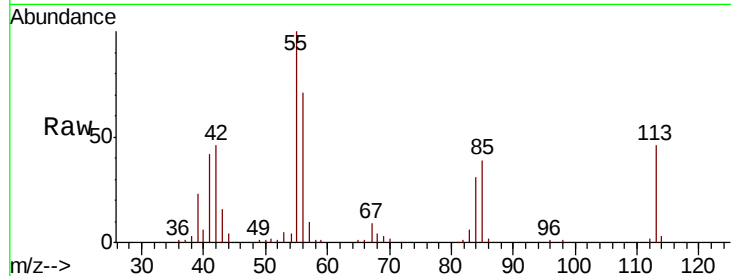
#35
 Caprolactam
 Concen: 42.362 ng/ml
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	215.7		218.4	258.4#
56	152.4		148.9	188.9

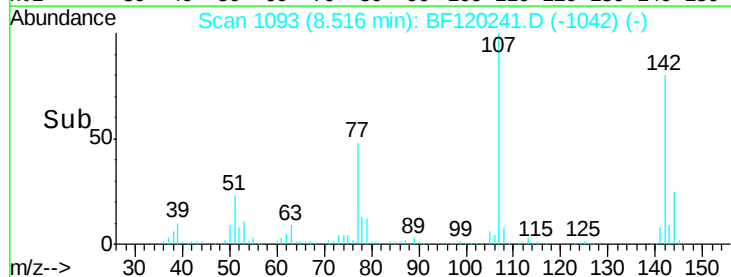
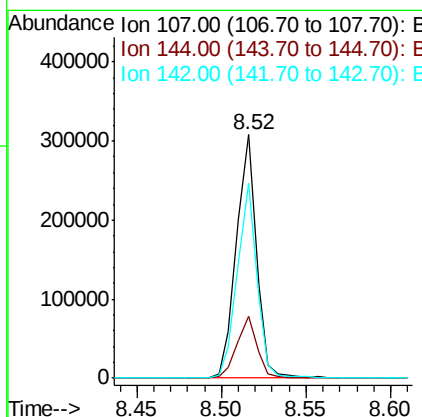
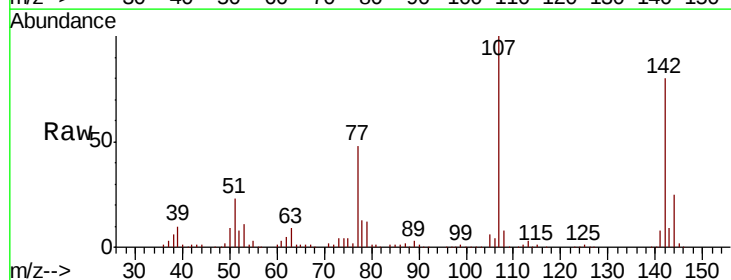
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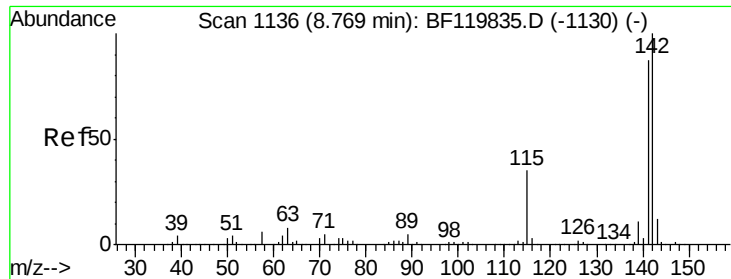
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.318 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.2		21.0	31.6
142	80.3		64.4	96.6





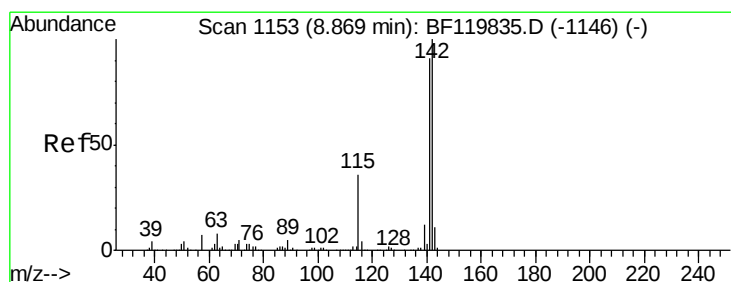
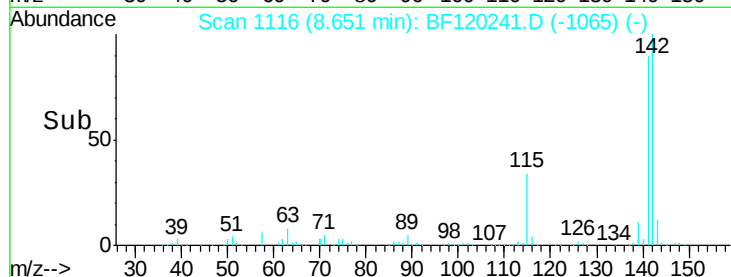
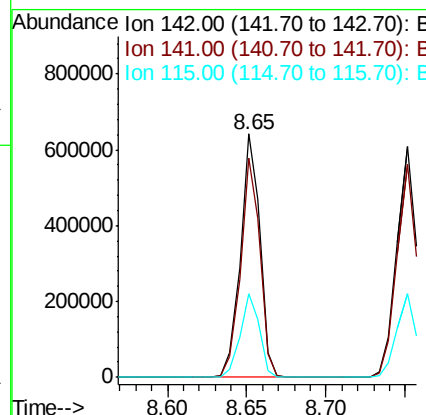
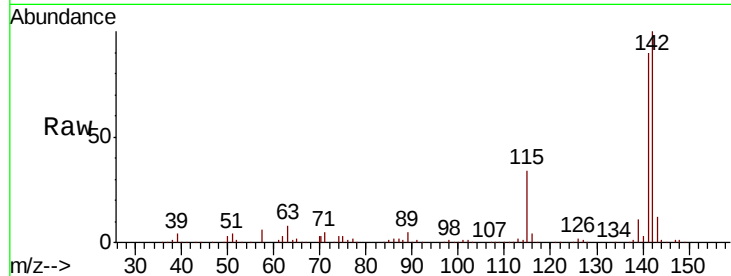
#37
2-Methylnaphthalene
Concen: 41.159 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.7	107.5
115	34.4	27.9	41.9

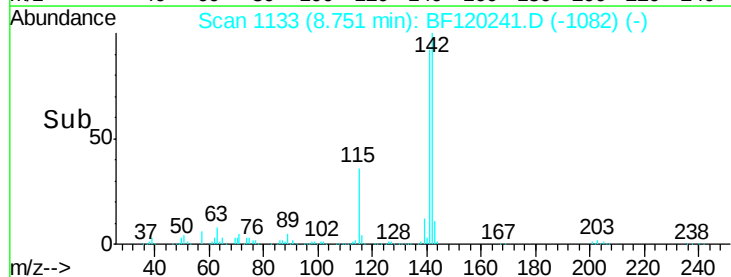
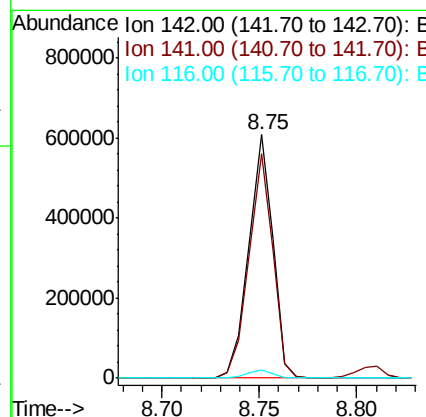
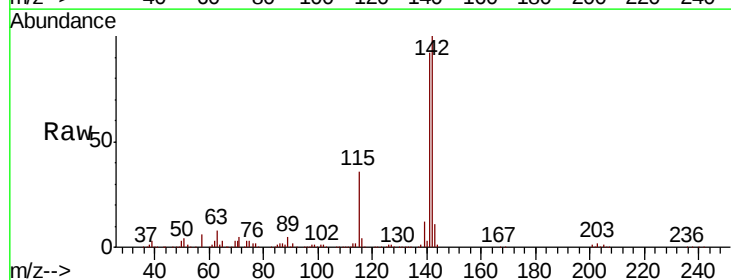
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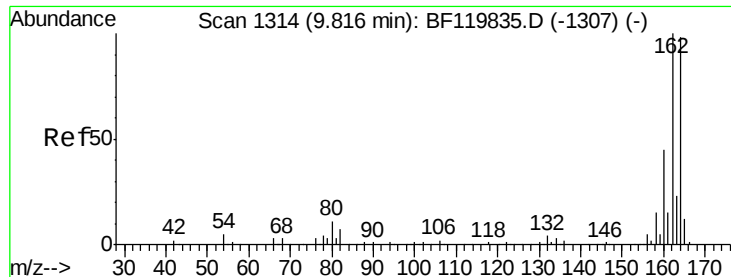
mohammad
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#38
1-Methylnaphthalene
Concen: 41.592 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.7	110.5
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

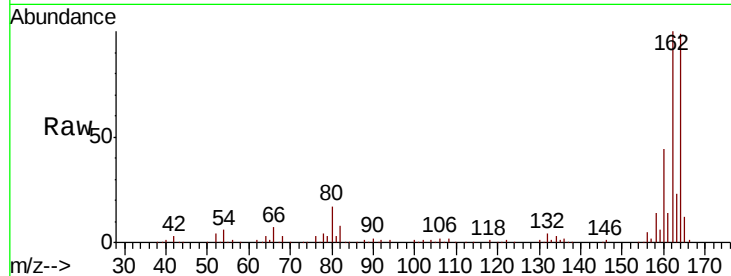
ClientSampleId :

PB128574BS

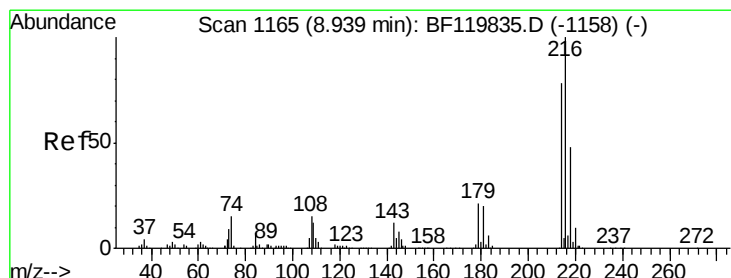
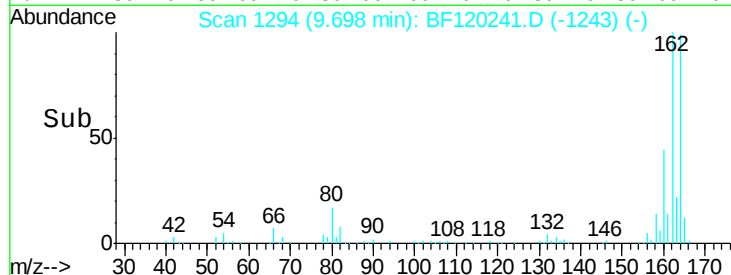
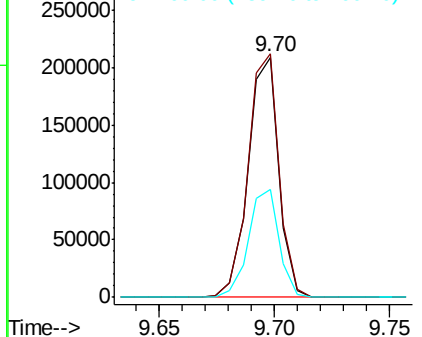
Tot Ion:	164	Resp:	193497
Ion Ratio	Lower	Upper	
164	100		
162	101.3	80.6	121.0
160	45.0	35.7	53.5

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.707 ng

RT: 8.82 min Scan# 1145

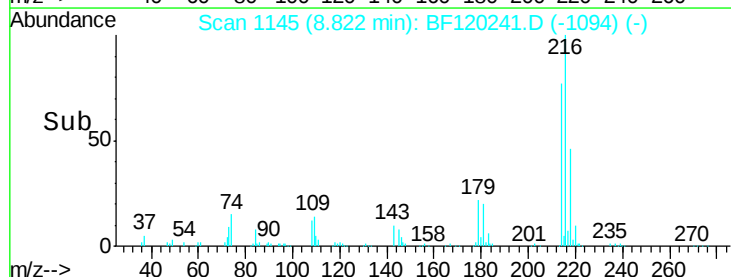
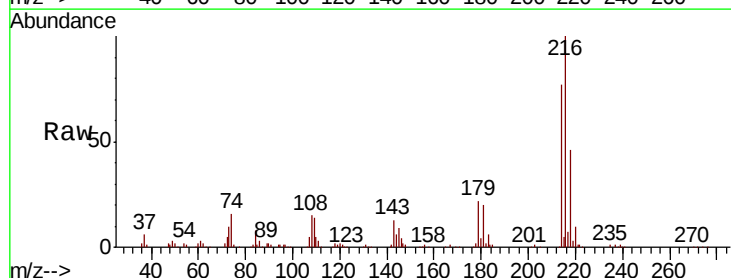
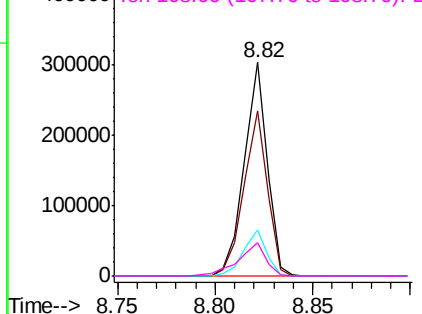
Delta R.T. 0.00 min

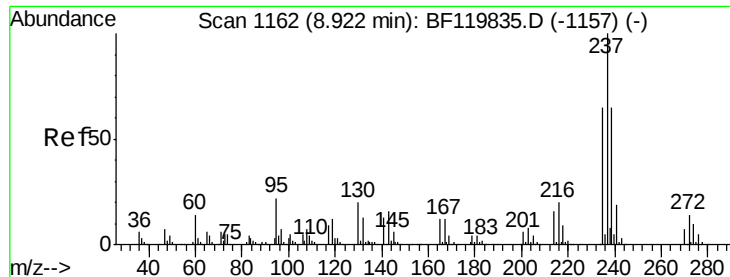
Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tgt Ion:	216	Resp:	248777
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.2	94.8
179	21.6	17.1	25.7
108	18.6	15.1	22.7

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 64.013 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

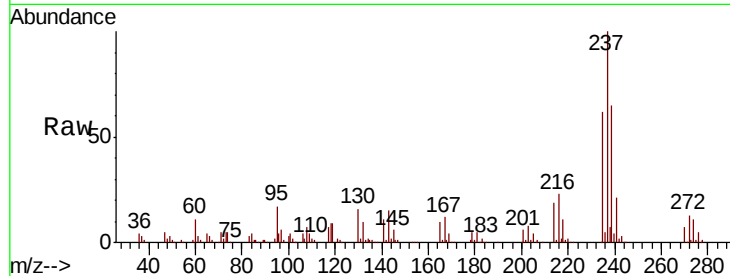
ClientSampleId :

PB128574BS

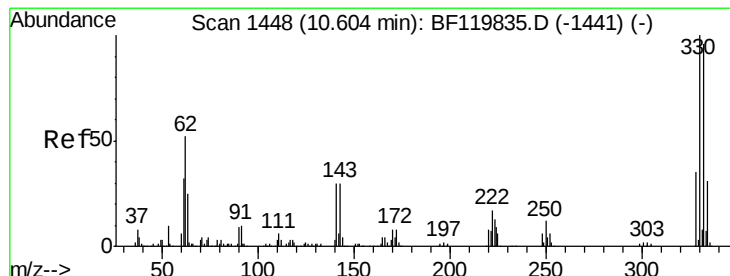
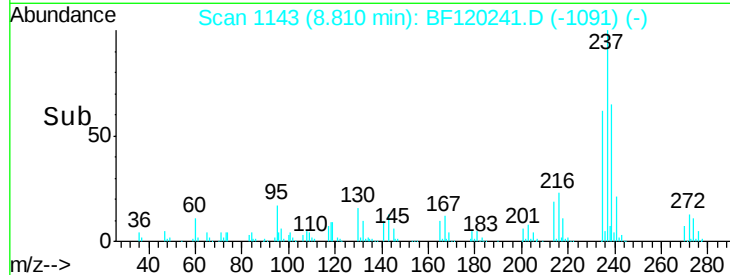
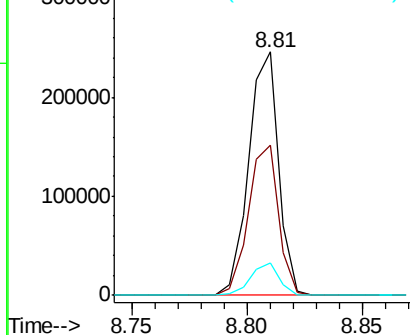
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.5	43.2	83.2		
272	13.4	0.0	34.1		

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 104.064 ng

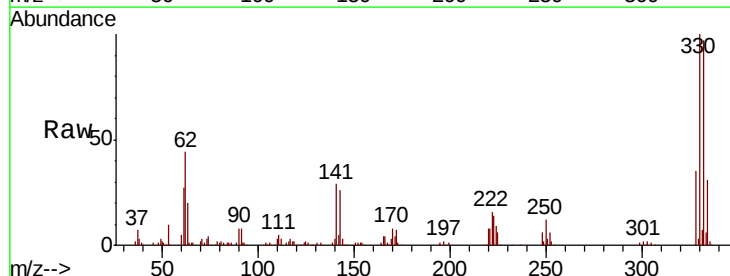
RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

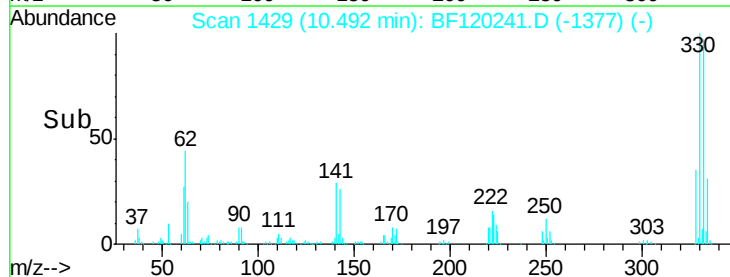
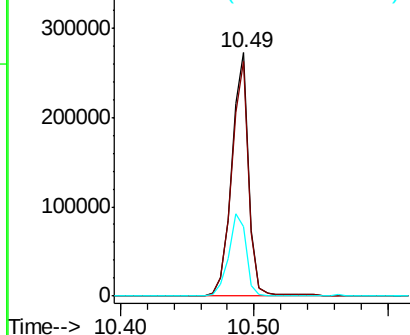
Lab File: BF120241.D

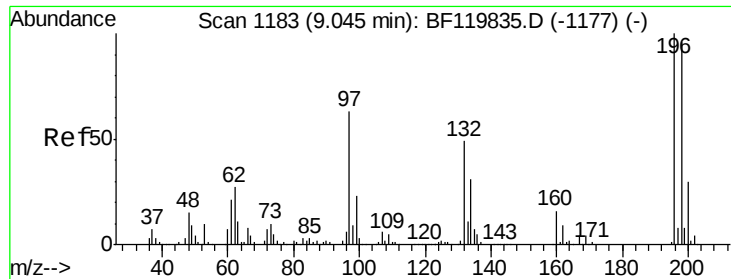
Acq: 30 Apr 2020 16:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	96.3	75.7	113.5		
141	34.9	25.4	38.0		



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





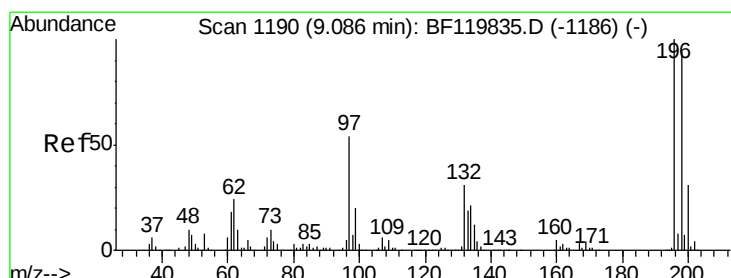
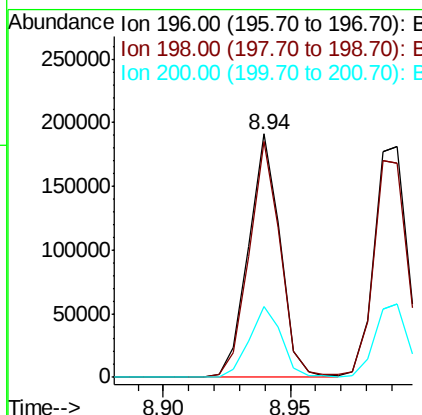
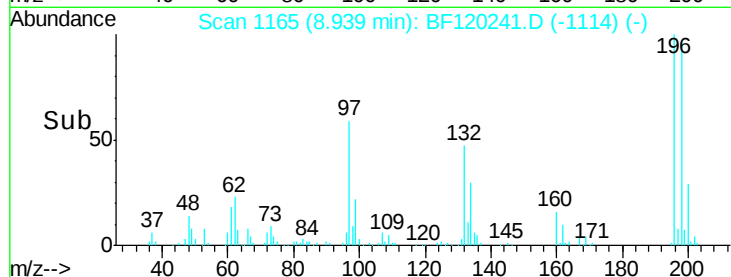
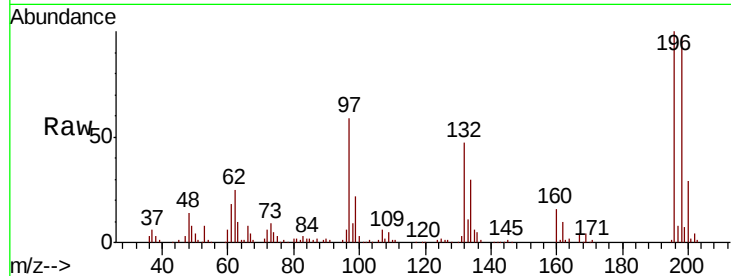
#43
 2,4,6-Trichlorophenol
 Concen: 39.278 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	165762		
198	96.9	76.6	115.0	
200	29.1	24.6	36.8	

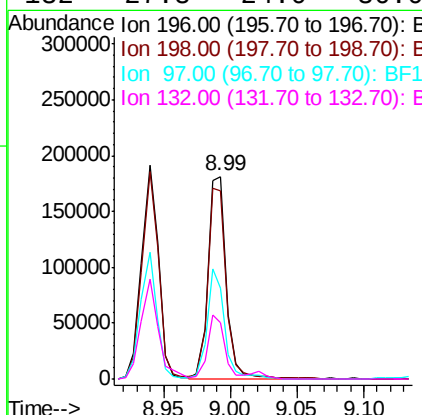
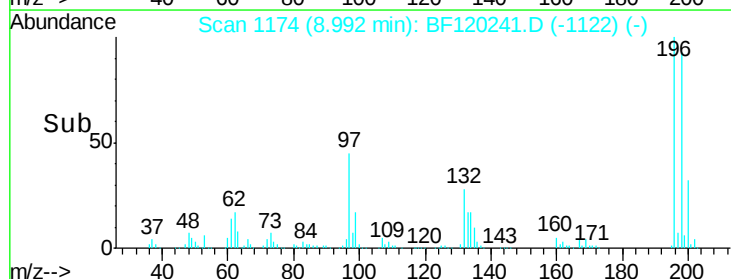
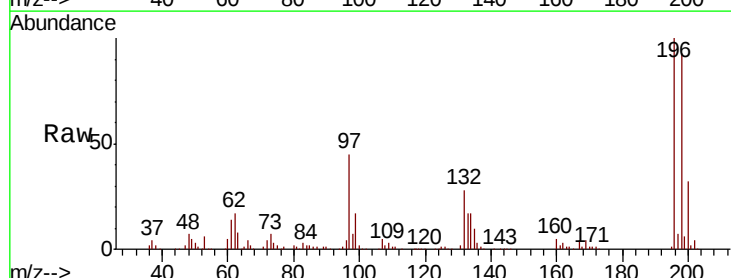
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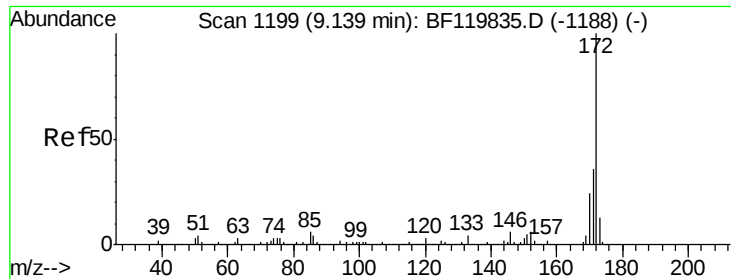
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#44
 2,4,5-Trichlorophenol
 Concen: 36.669 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174295		
198	92.8	73.8	110.8	
97	44.9	42.6	63.8	
132	27.8	24.0	36.0	





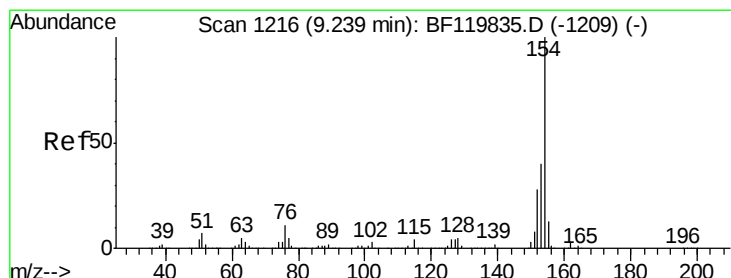
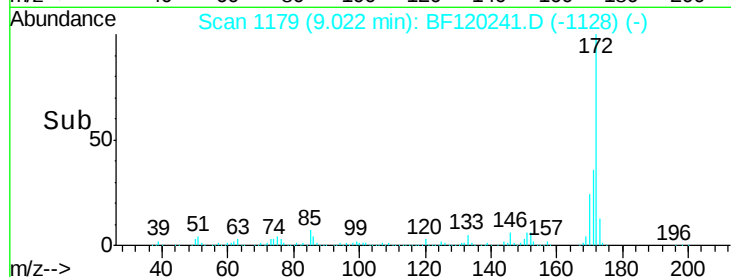
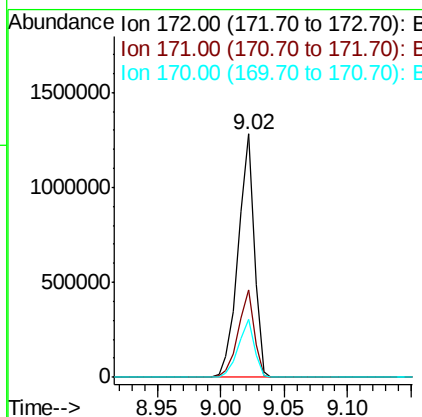
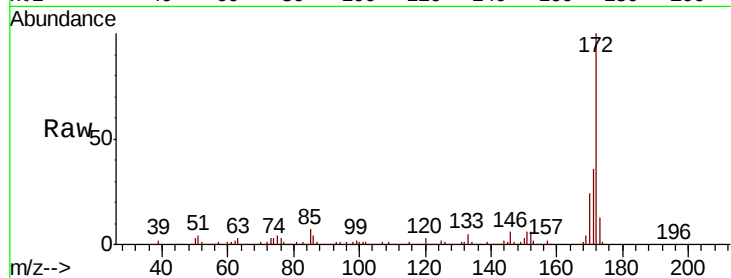
#45
2-Fluorobiphenyl
Concen: 81.474 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	20.2	30.2

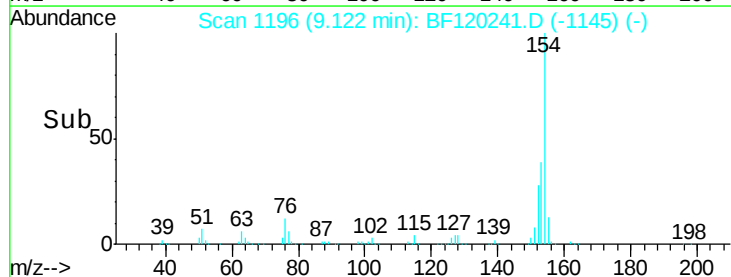
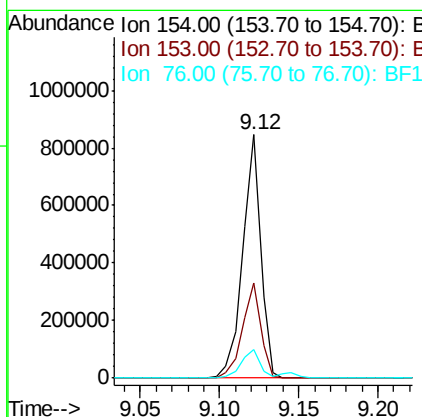
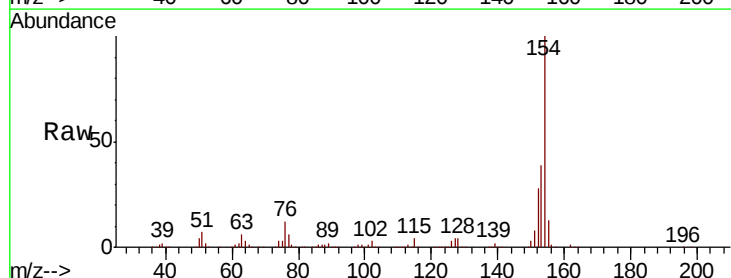
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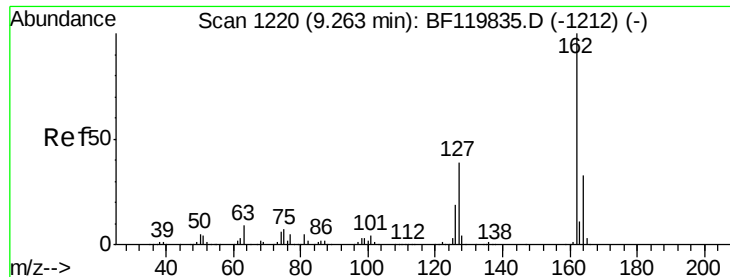
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#46
1,1'-Biphenyl
Concen: 40.798 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	21.4	61.4
76	11.7	0.0	33.0





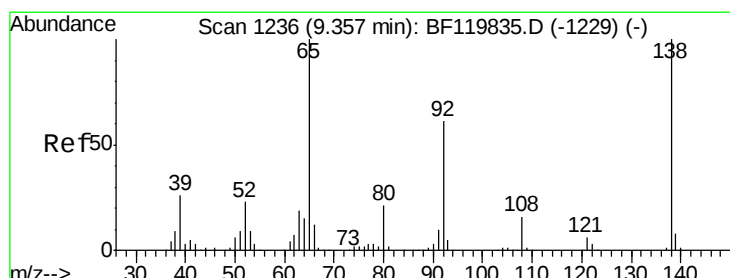
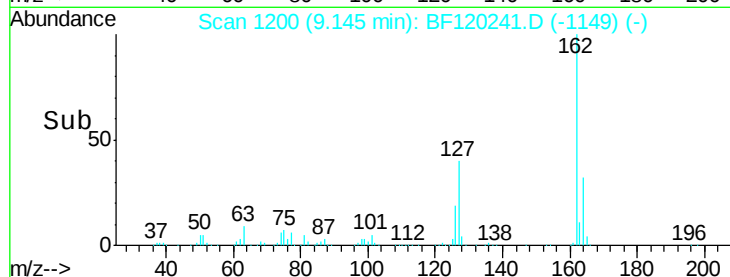
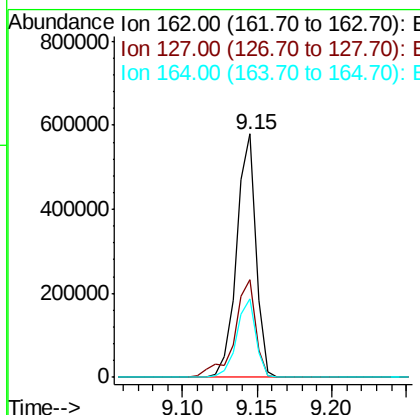
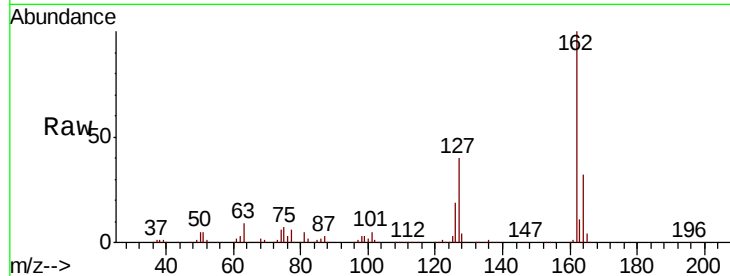
#47
2-Chloronaphthalene
Concen: 41.806 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.7	50.5
164	32.3	26.3	39.5

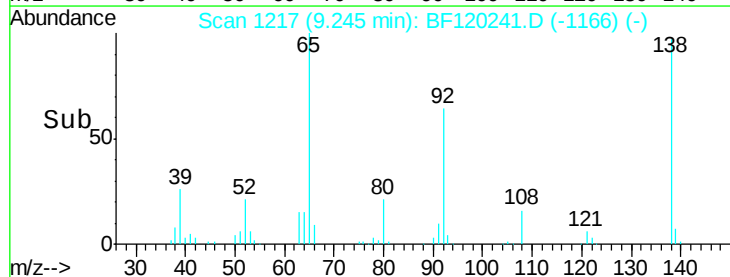
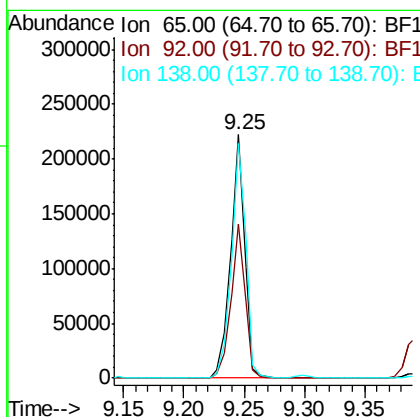
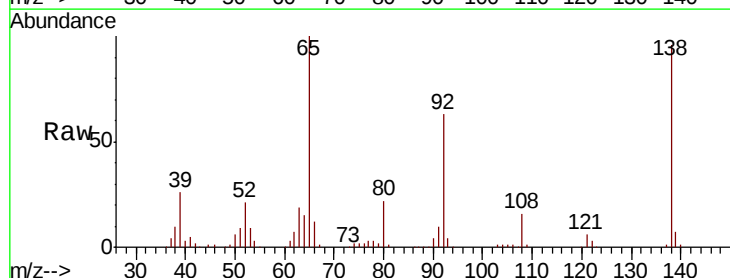
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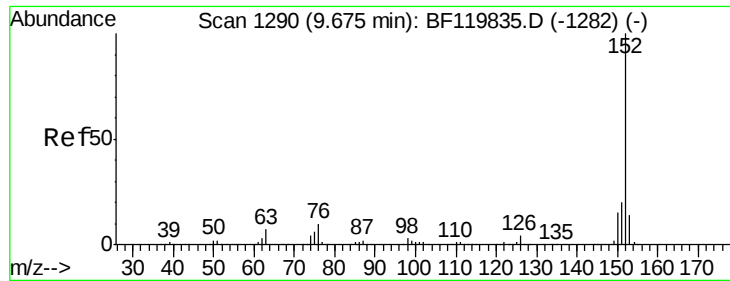
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#48
2-Nitroaniline
Concen: 39.977 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	50.0	75.0
138	96.2	75.0	112.4





#49

Acenaphthylene

Concen: 42.538 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

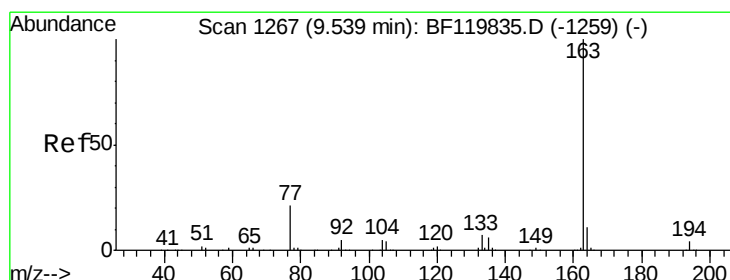
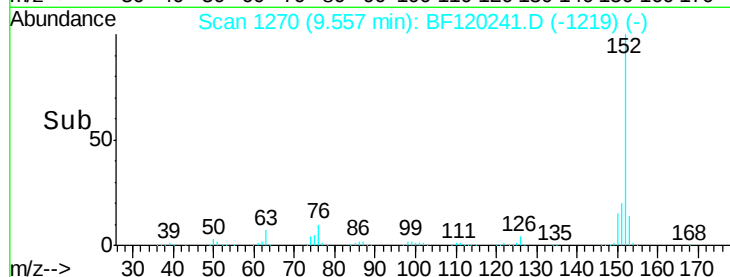
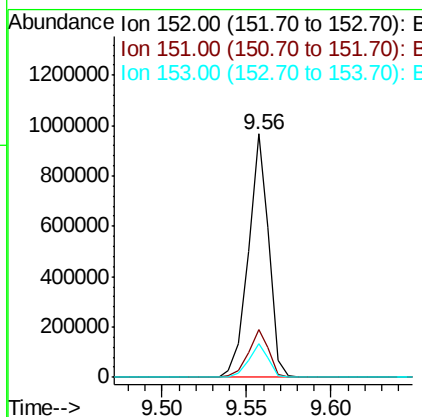
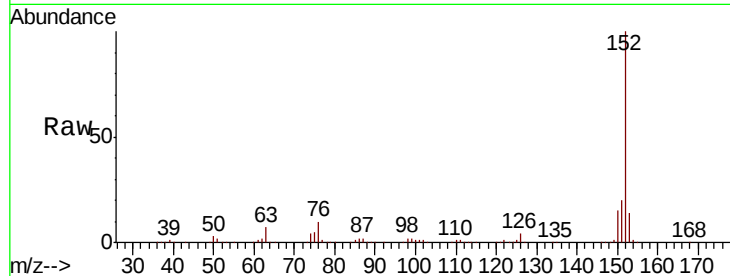
ClientSampleId :

PB128574BS

Tot Ion:	152	Resp:	813930
Ion Ratio	Lower	Upper	
152	100		
151	19.9	17.2	25.8
153	13.7	11.2	16.8

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#50

Dimethylphthalate

Concen: 40.754 ng

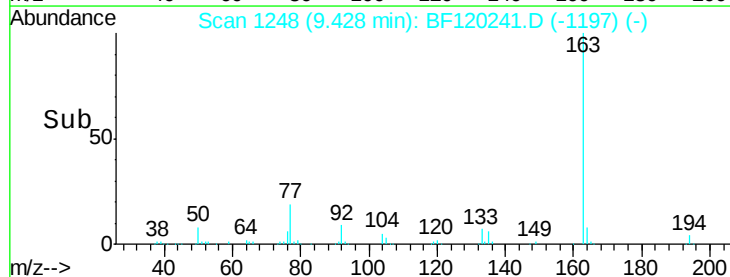
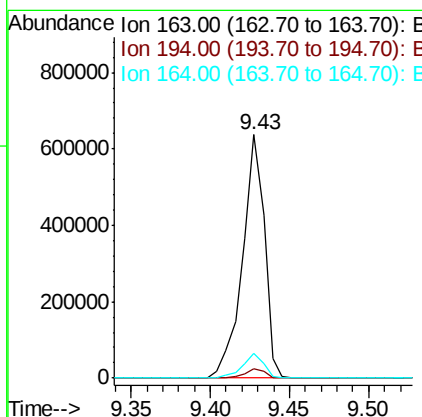
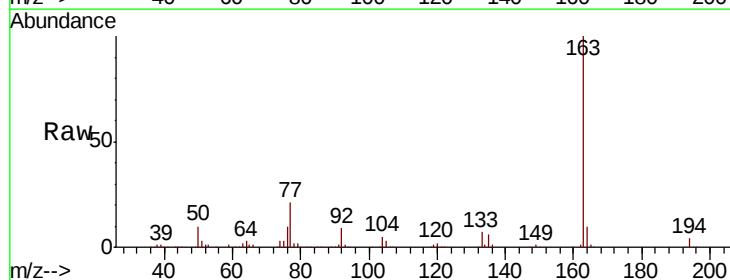
RT: 9.43 min Scan# 1248

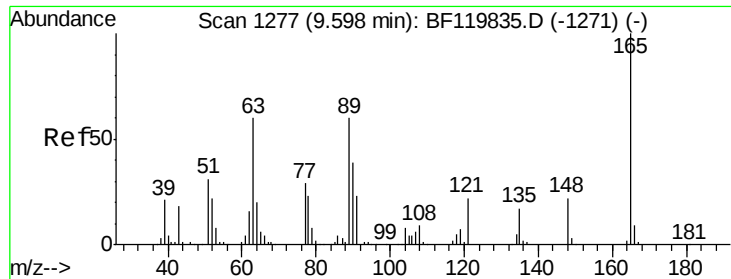
Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tgt Ion:	163	Resp:	609959
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.1	8.2	12.2





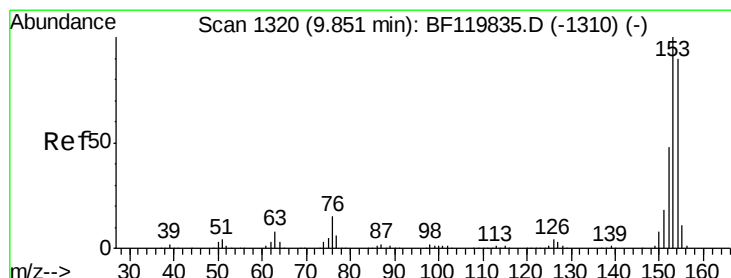
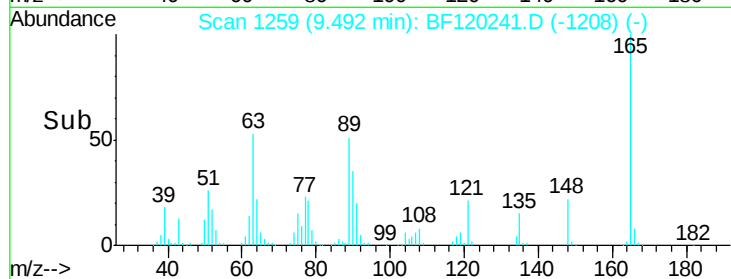
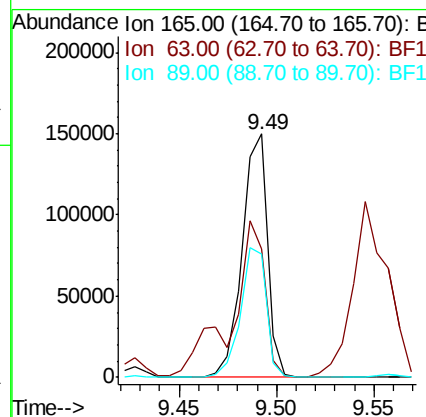
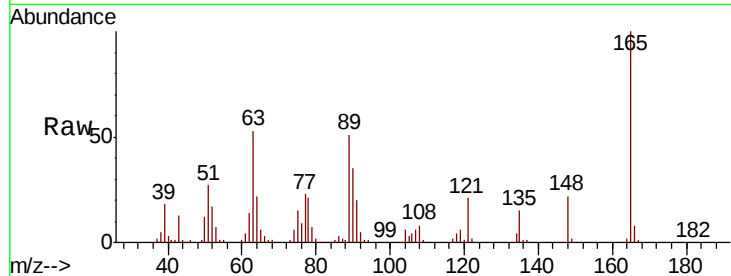
#51
 2,6-Dinitrotoluene
 Concen: 41.085 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampled :
 PB128574BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.0	45.0	67.4
89	50.9	41.5	62.3

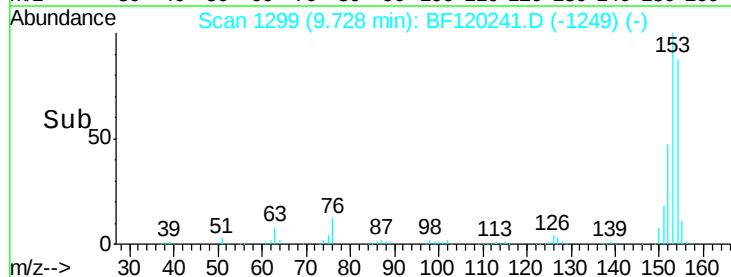
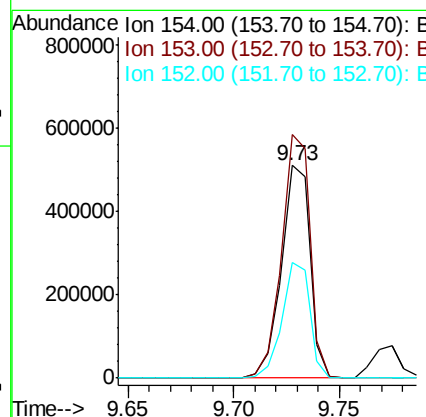
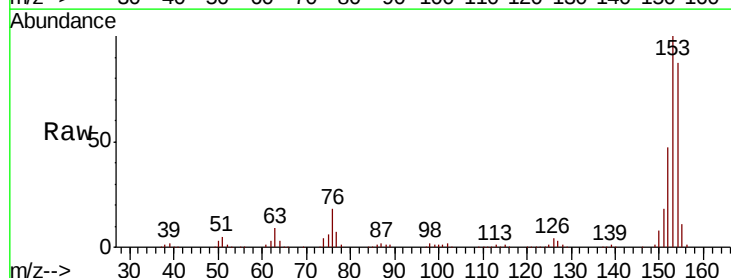
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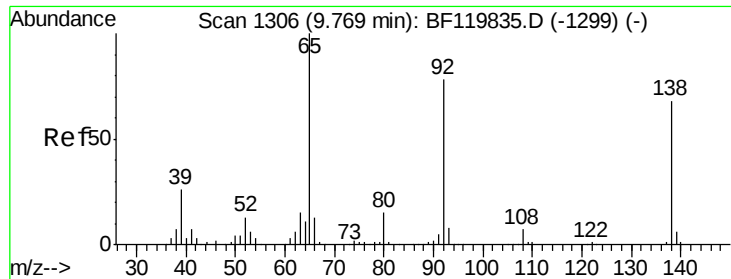
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#52
 Acenaphthene
 Concen: 37.894 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.5	88.1	132.1
152	54.2	43.0	64.4





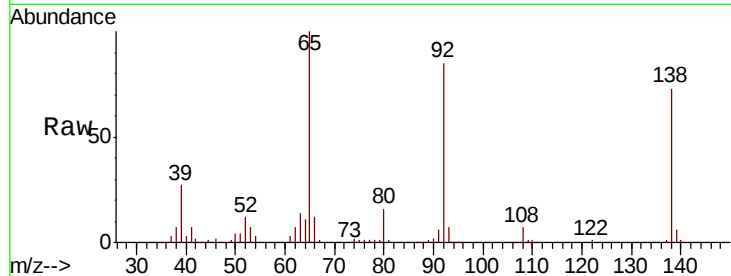
#53
3-Nitroaniline
Concen: 26.917 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

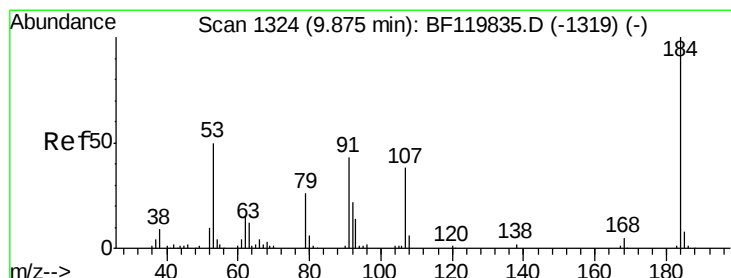
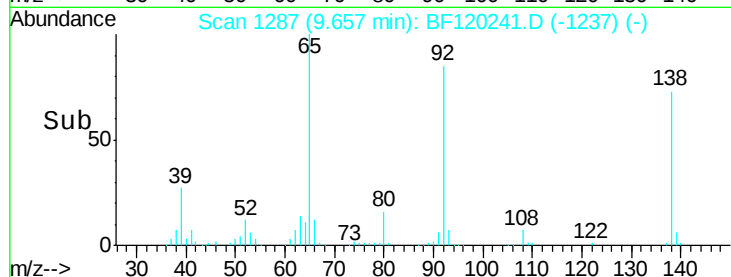
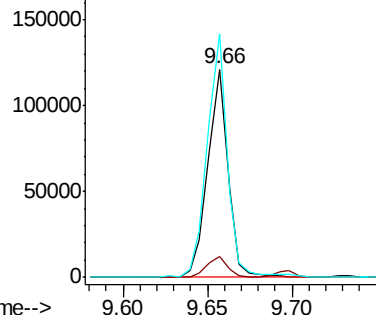
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	13.0
92	117.1	95.4	143.0

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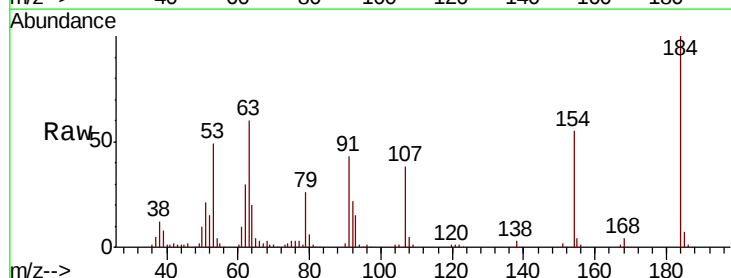


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

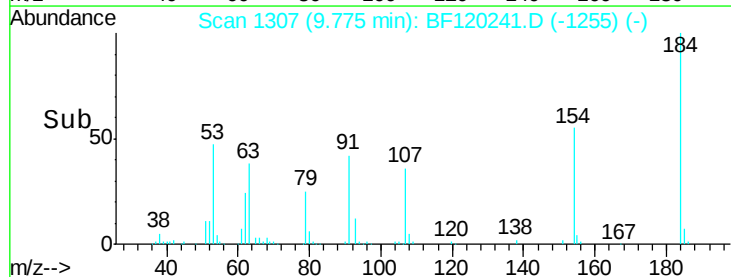
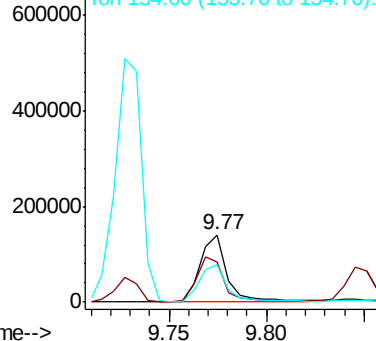


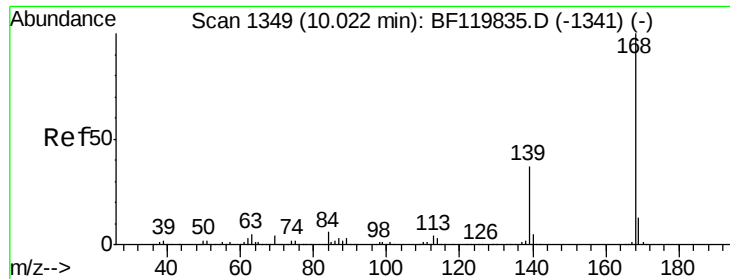
#54
2,4-Dinitrophenol
Concen: 69.864 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.0	50.2	75.4
154	55.2	44.5	66.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





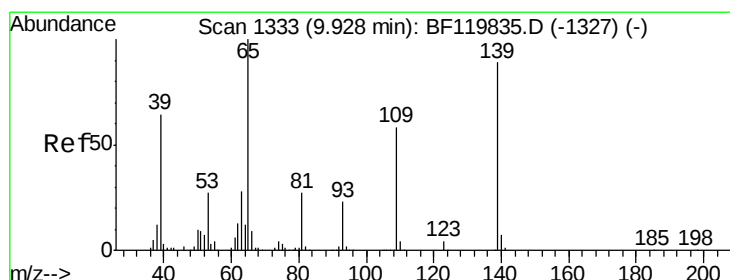
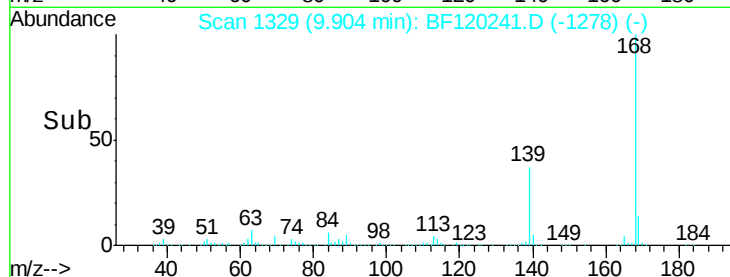
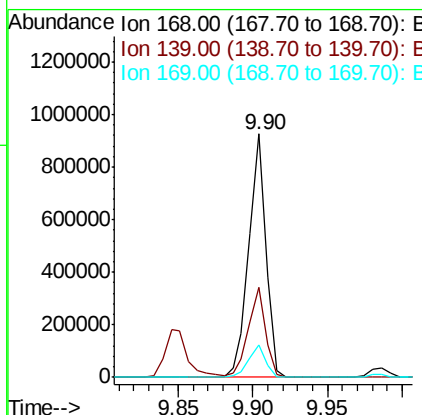
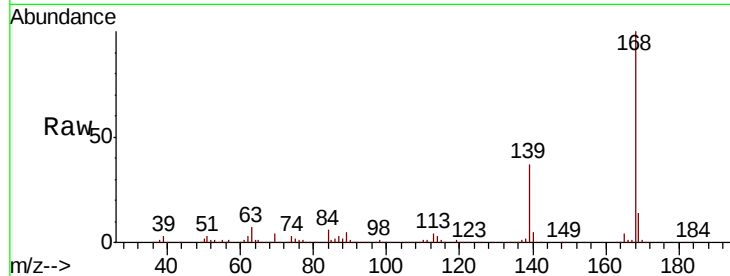
#55
Dibenzofuran
Concen: 42.272 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	13.6	11.0	16.6

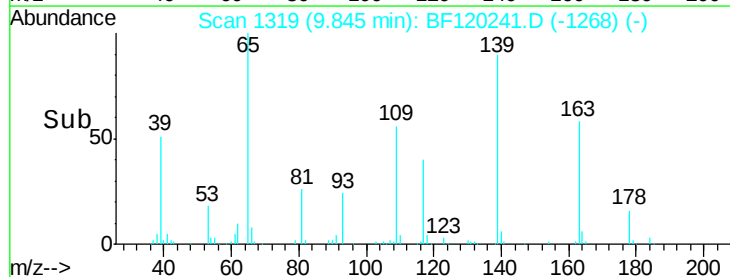
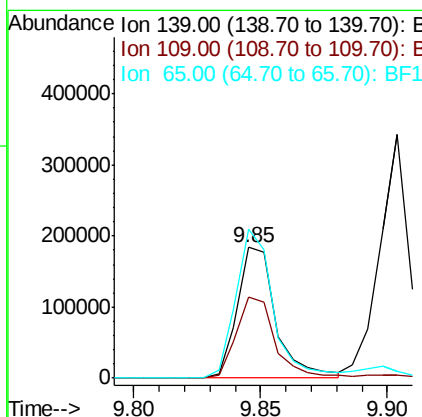
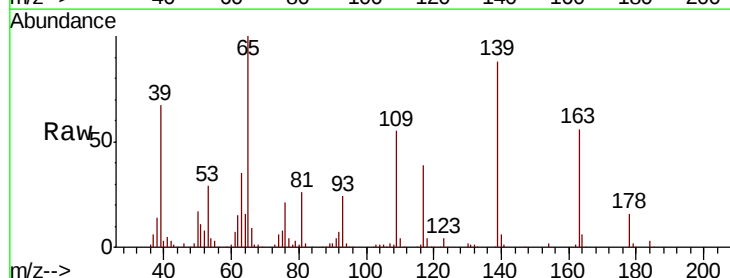
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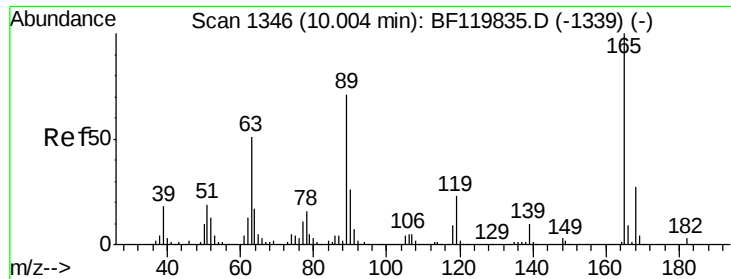
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#56
4-Nitrophenol
Concen: 70.208 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.1	43.3	83.3
65	113.7	91.0	131.0





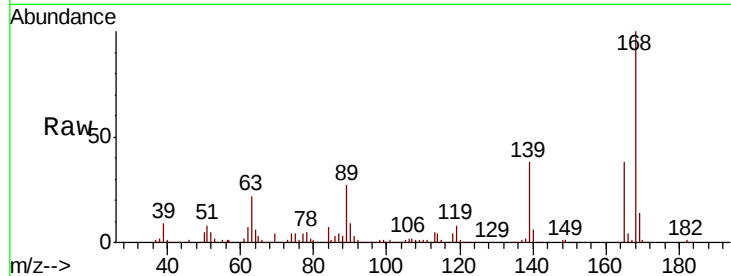
#57
2,4-Dinitrotoluene
Concen: 41.104 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

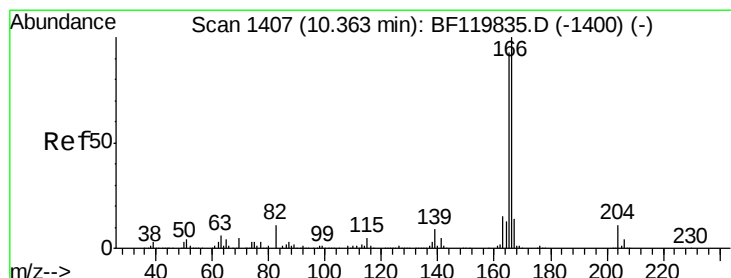
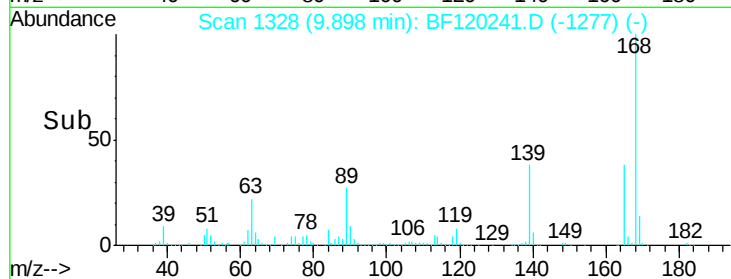
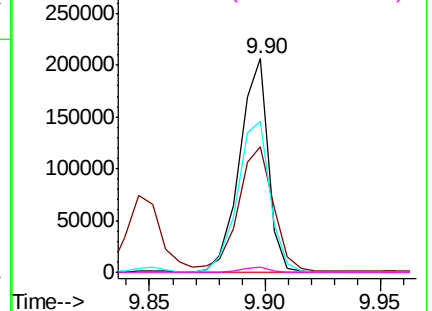
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.6	42.6	64.0
89	70.8	61.0	91.4
182	2.7	2.2	3.2

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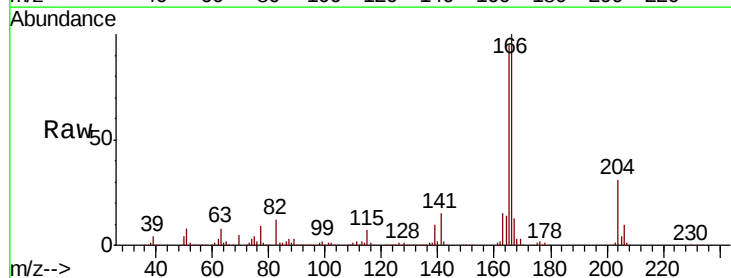


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

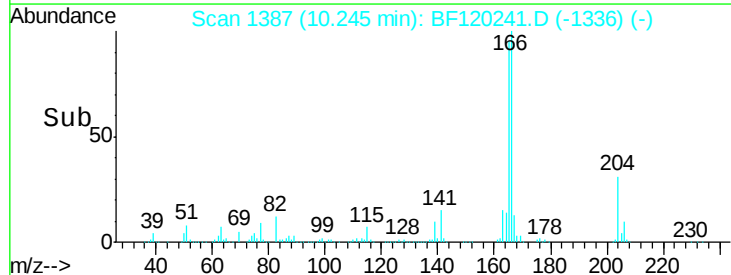
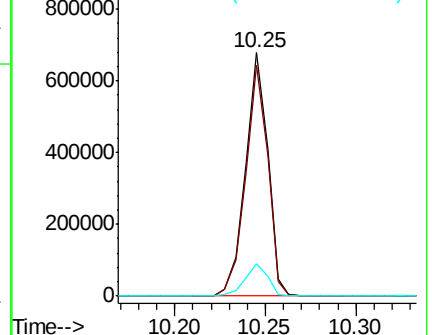


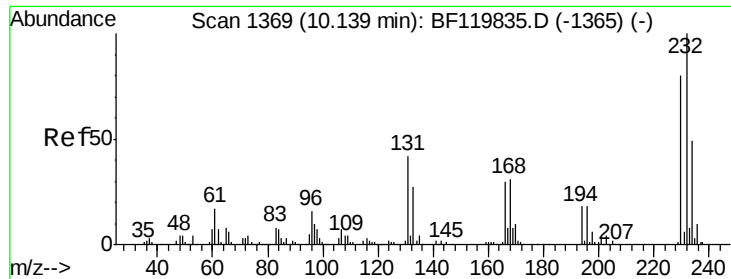
#58
Fluorene
Concen: 41.365 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.0	75.4	113.2
167	13.5	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





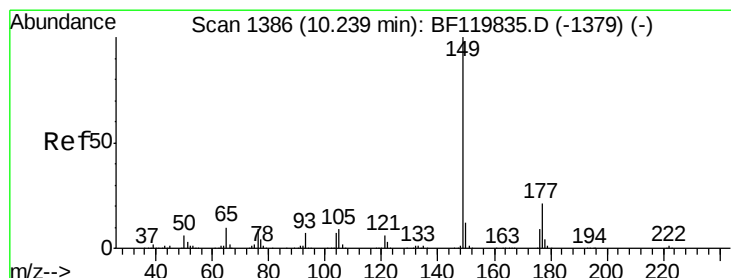
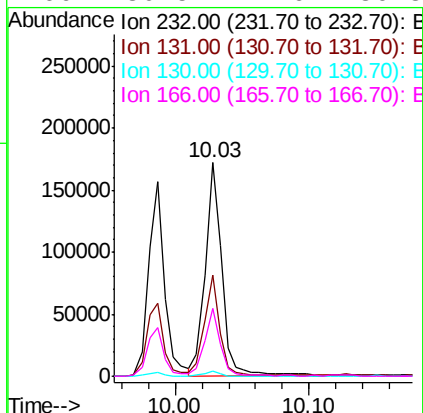
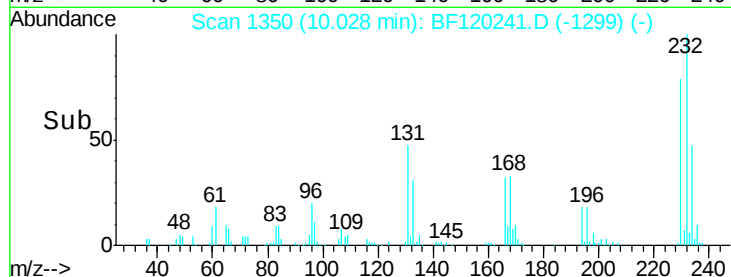
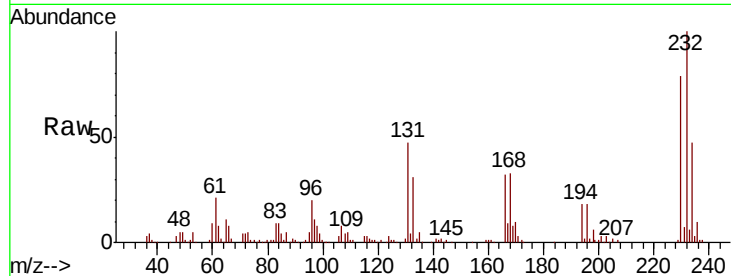
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.950 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	37.5	56.3
130	2.1	1.8	2.6
166	30.5	24.6	36.8

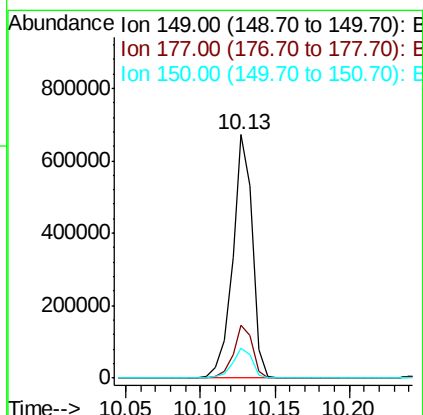
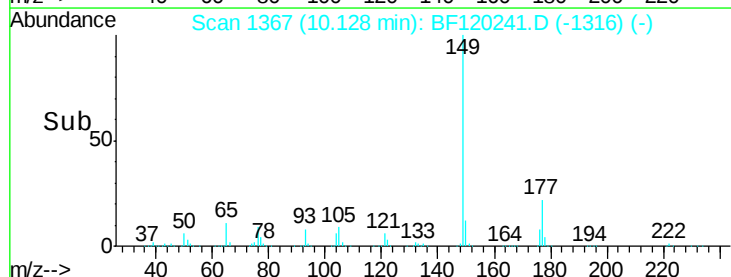
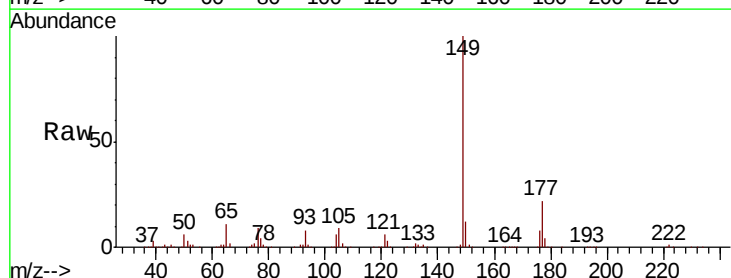
Manual Integrations
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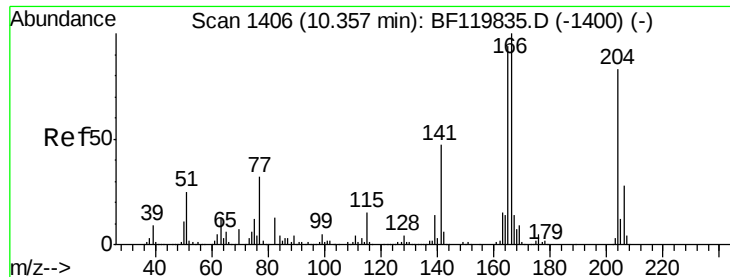
mohammad
 5/4/2020 8:18:57 AM



#60
 Diethylphthalate
 Concen: 39.986 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.0	10.1	15.1





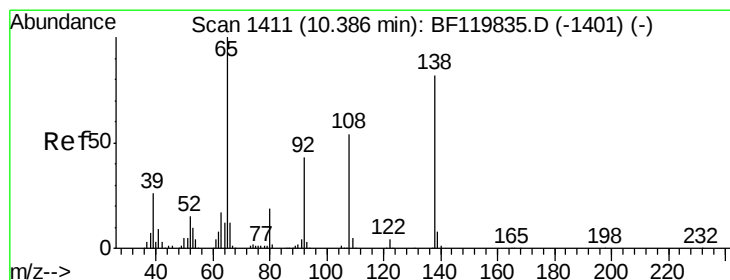
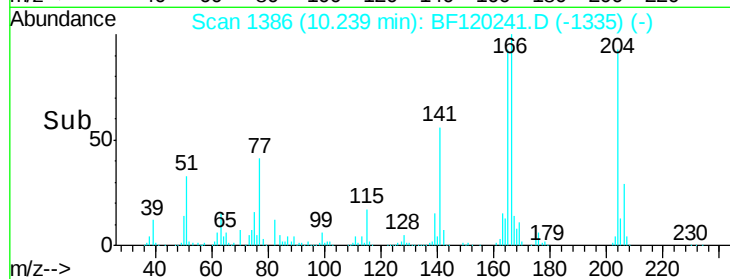
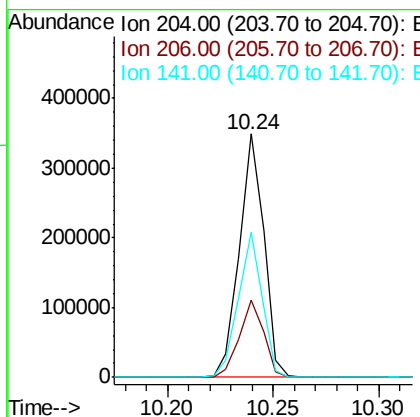
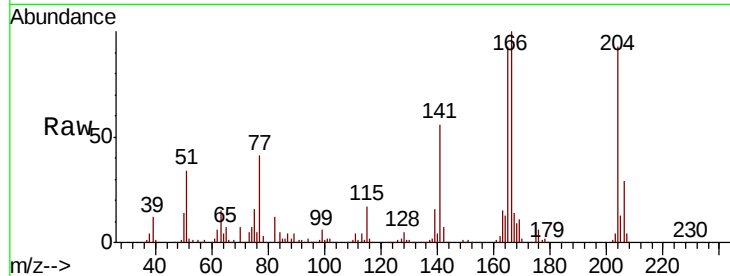
#61
 4-Chlorophenyl-phenylether
 Concen: 39.048 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion:	204	Resp:	280344
Ion Ratio	Lower	Upper	
204	100		
206	31.6	26.7	40.1
141	59.7	47.3	70.9

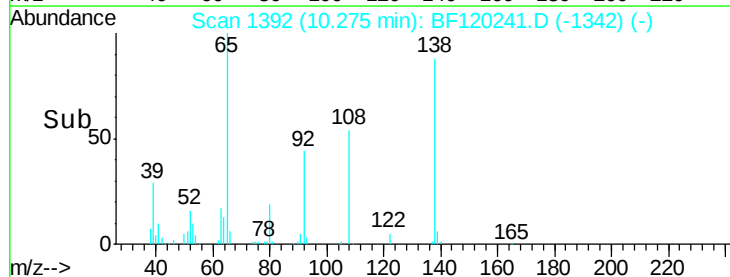
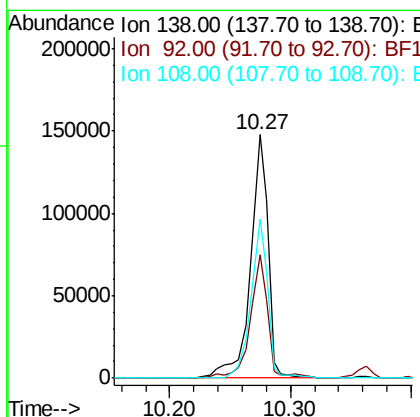
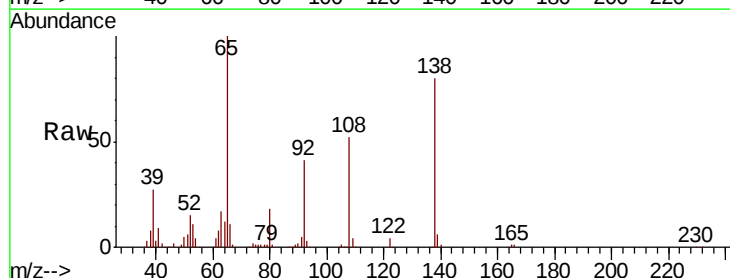
Manual Integrations
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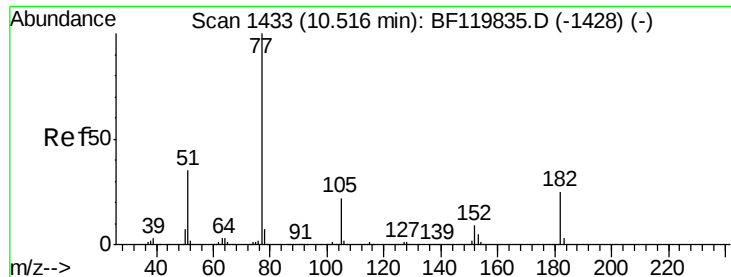
mohammad
 5/4/2020 8:18:57 AM



#62
 4-Nitroaniline
 Concen: 42.379 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion:	138	Resp:	151179
Ion Ratio	Lower	Upper	
138	100		
92	50.8	31.5	71.5
108	65.4	45.8	85.8





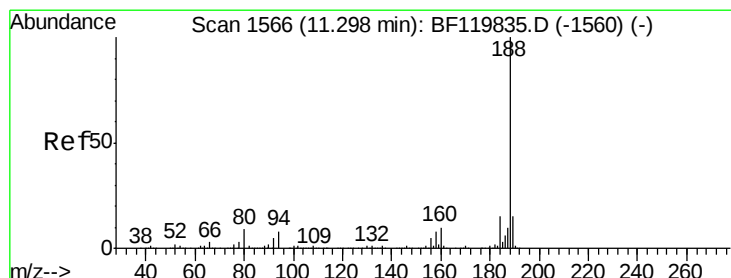
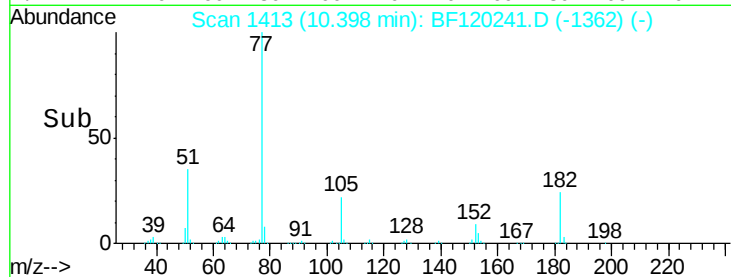
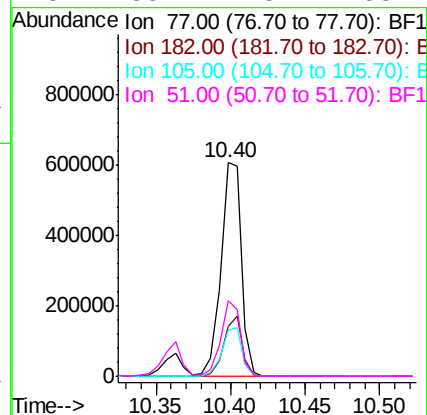
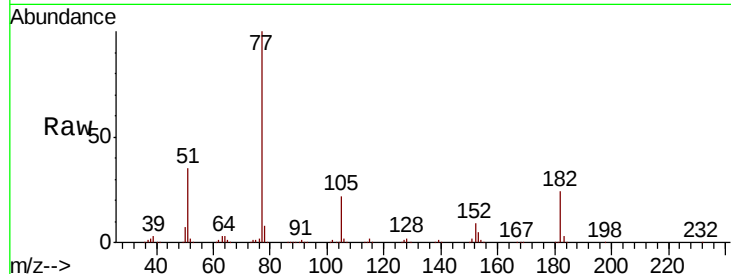
#63
Azobenzene
Concen: 42.134 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.5	4.4	44.4
105	21.6	2.6	42.6
51	35.1	15.1	55.1

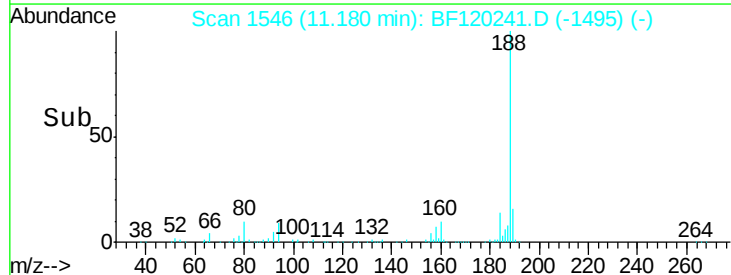
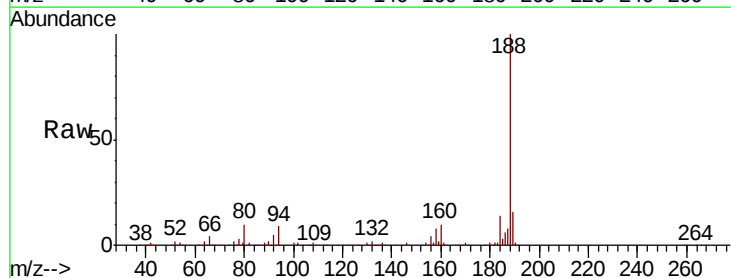
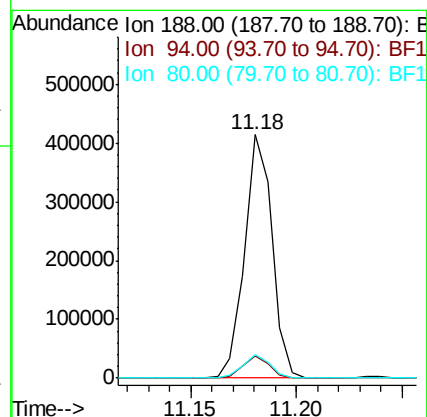
Manual Integrations
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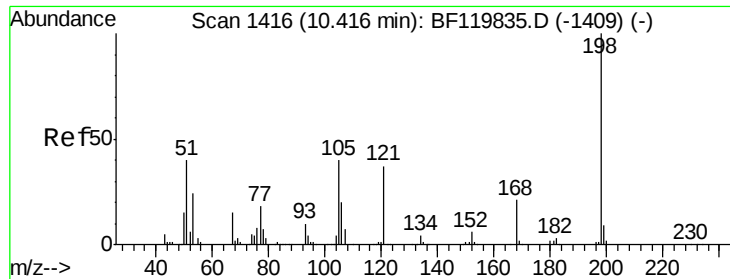
mohammad
5/4/2020 8:18:57 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	9.7	9.0	13.4





#65

4,6-Dinitro-2-methylphenol

Concen: 39.047 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampled :

PB128574BS

Tot Ion:198 Resp: 95823

Ion Ratio Lower Upper

198 100

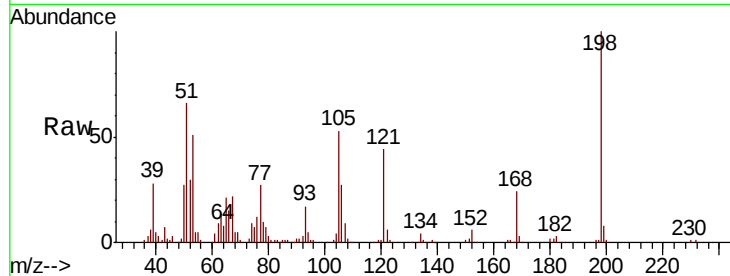
51 65.9 29.0 69.0

105 53.1 22.2 62.2

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mohammad

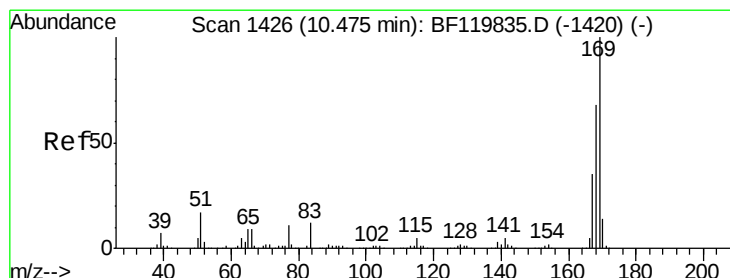
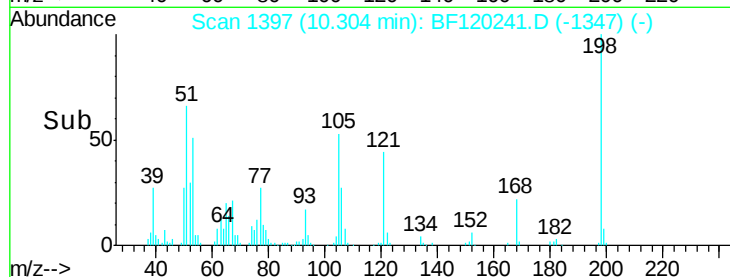
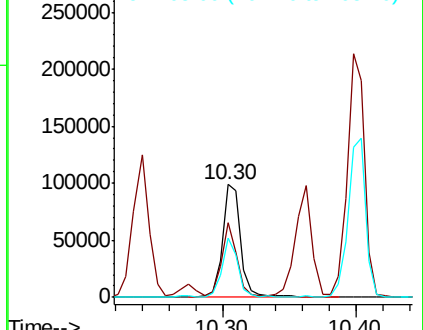
5/4/2020 8:18:57 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.622 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

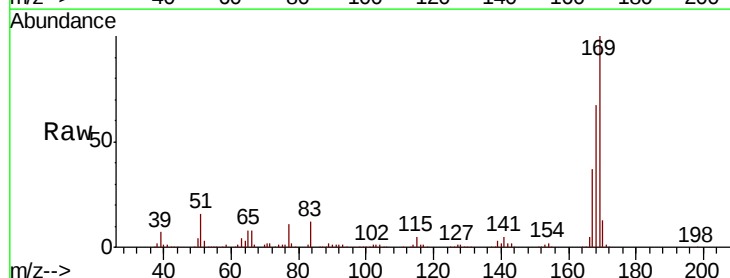
Tgt Ion:169 Resp: 528001

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

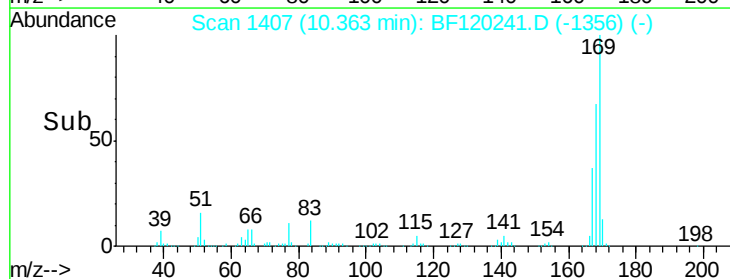
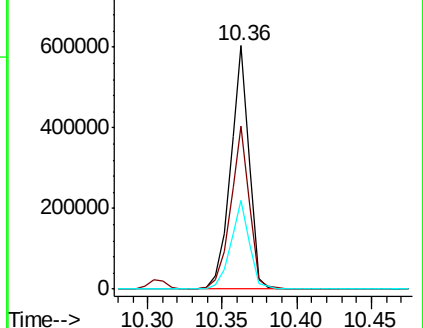
167 36.6 29.1 43.7

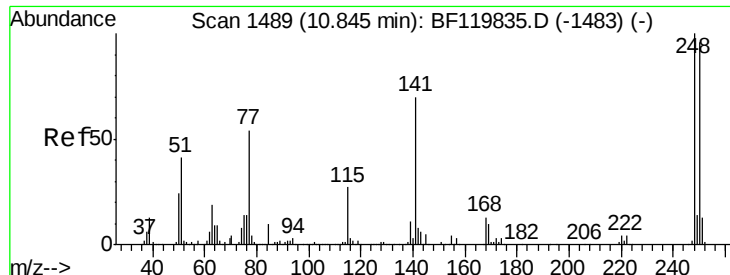


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





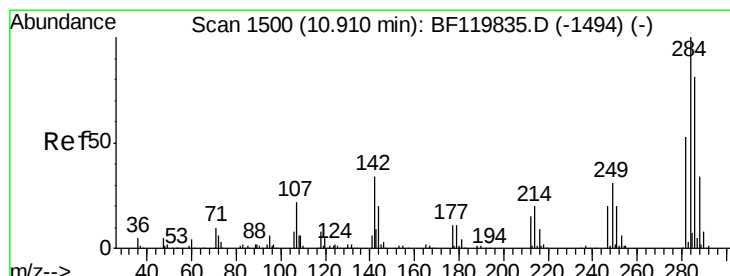
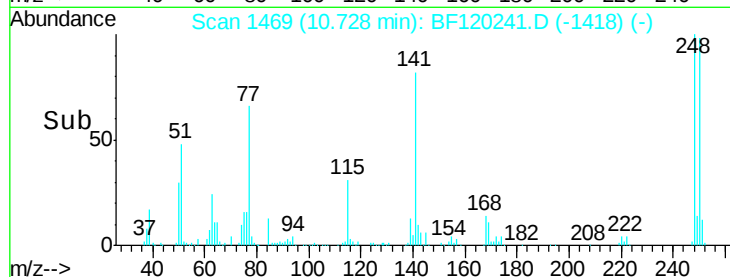
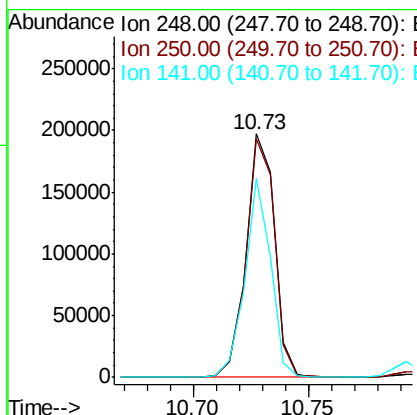
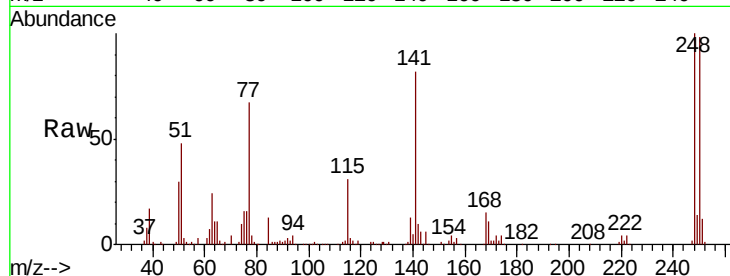
#67
 4-Bromophenyl-phenylether
 Concen: 36.843 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion:	248	Resp:	170671
Ion Ratio	Lower	Upper	
248	100		
250	97.8	77.3	115.9
141	81.9	58.6	87.8

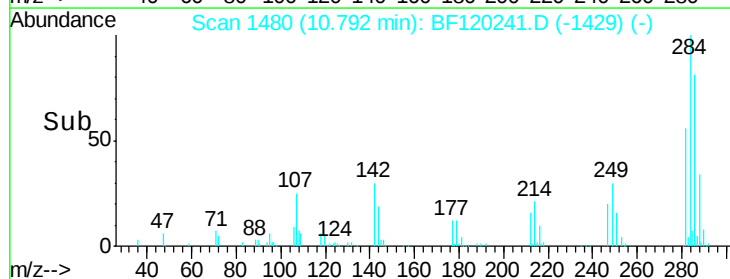
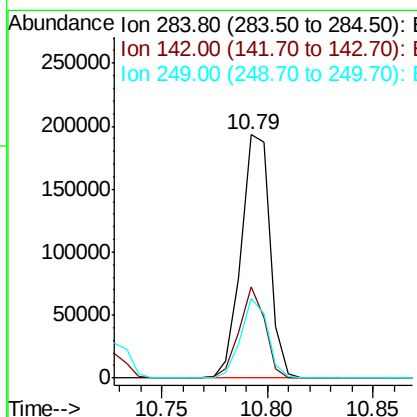
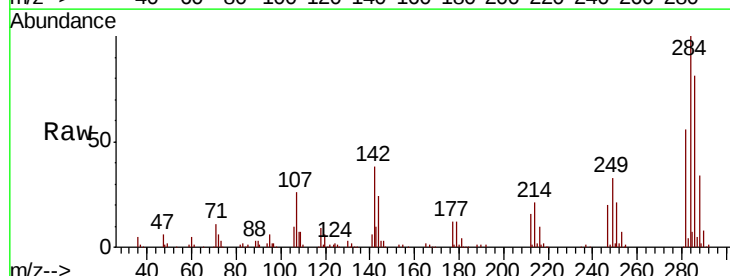
Manual Integrations
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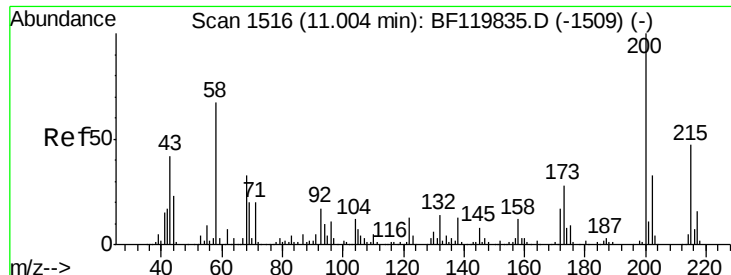
mohammad
 5/4/2020 8:18:57 AM



#68
 Hexachlorobenzene
 Concen: 39.045 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion:	284	Resp:	183486
Ion Ratio	Lower	Upper	
284	100		
142	37.6	29.2	43.8
249	32.5	25.1	37.7





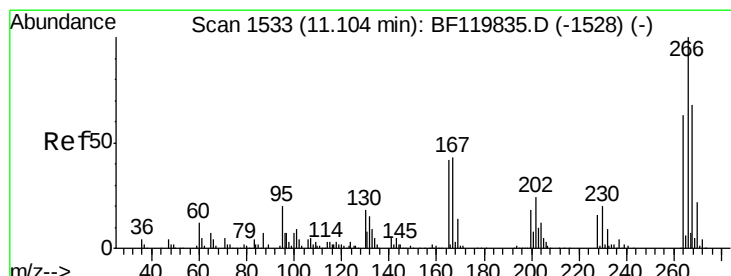
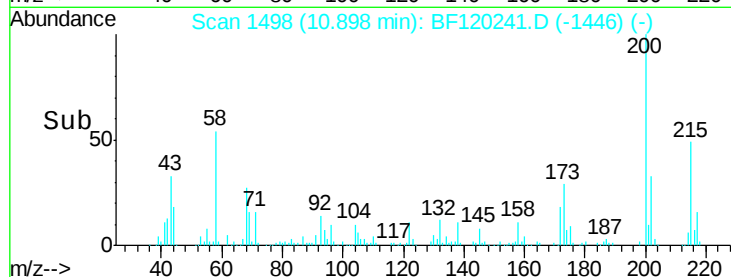
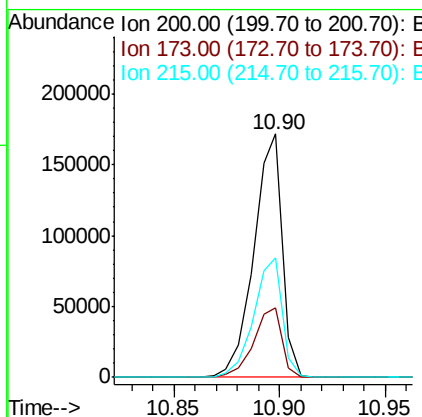
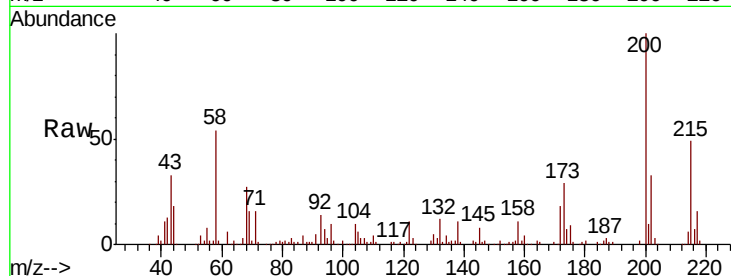
#69
Atrazine
Concen: 46.488 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.7	9.3	49.3
215	49.1	29.5	69.5

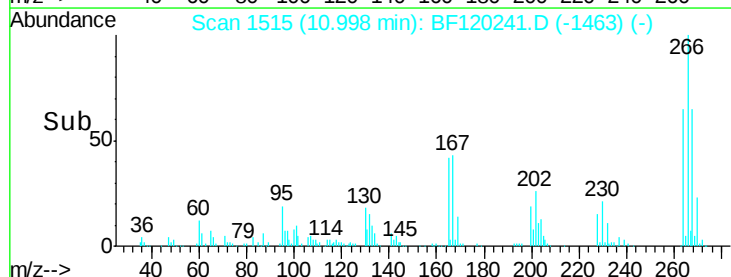
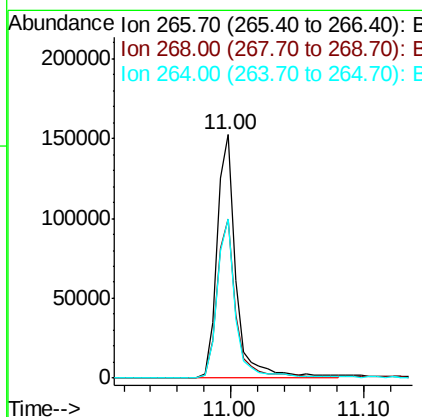
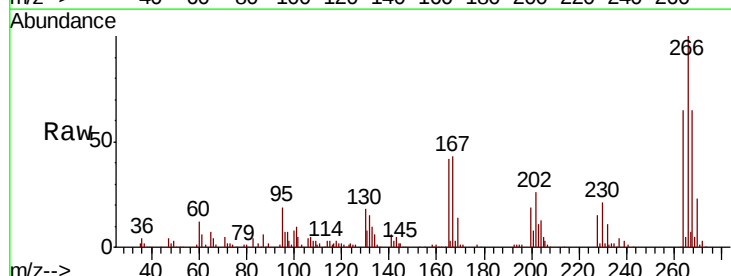
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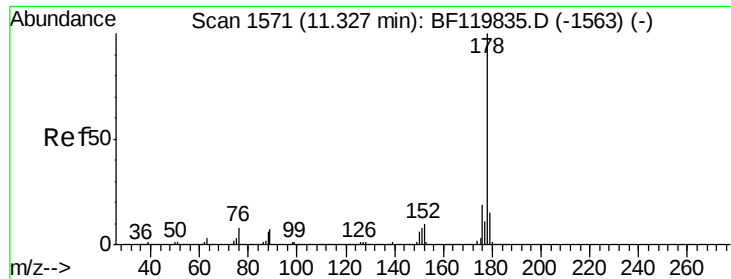
mohammad
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#70
Pentachlorophenol
Concen: 56.922 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.4	53.3	79.9
264	65.4	49.0	73.4





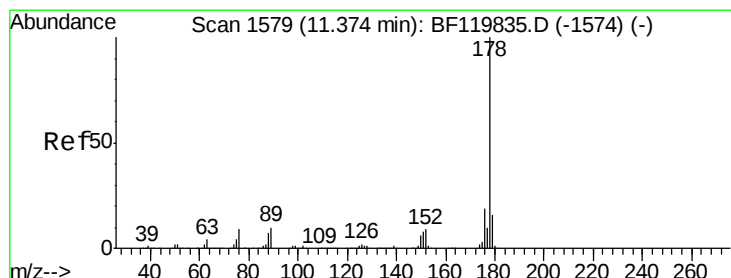
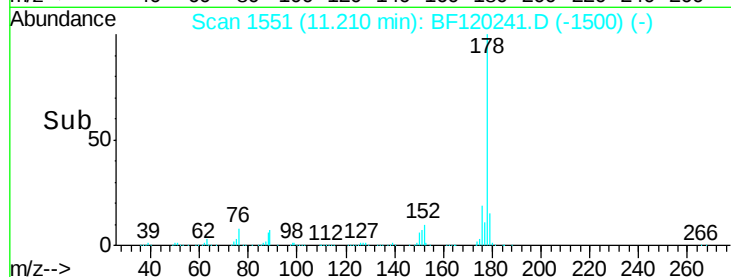
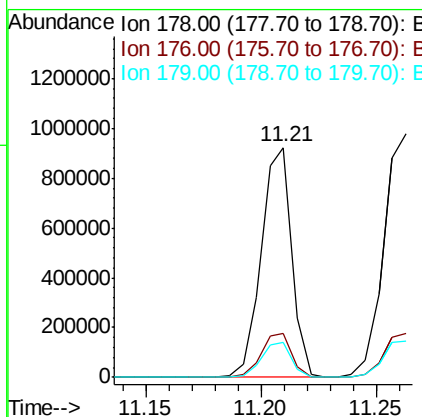
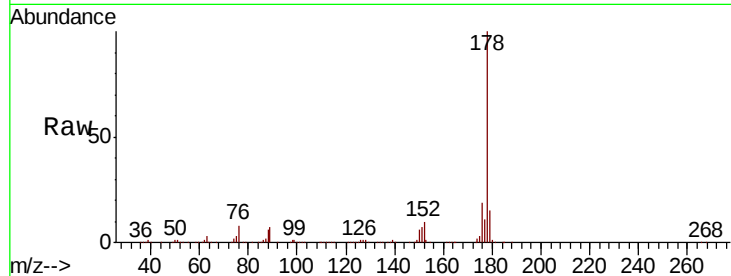
#71
Phenanthrene
Concen: 42.919 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.4	13.2	19.8

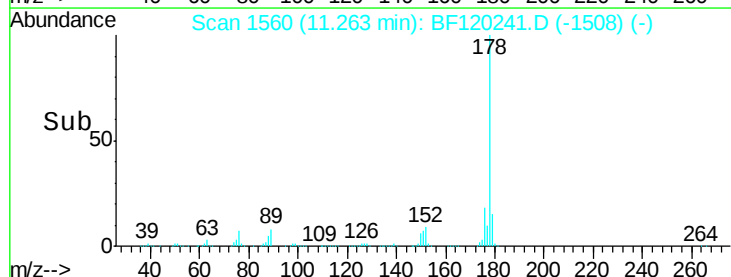
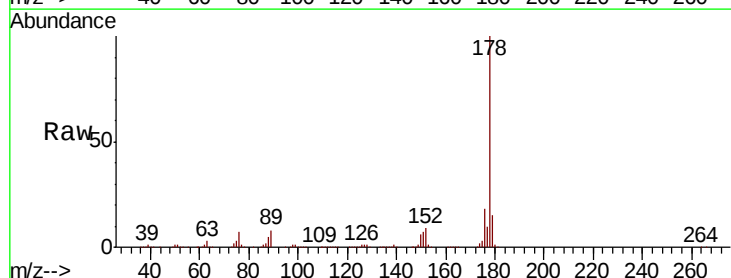
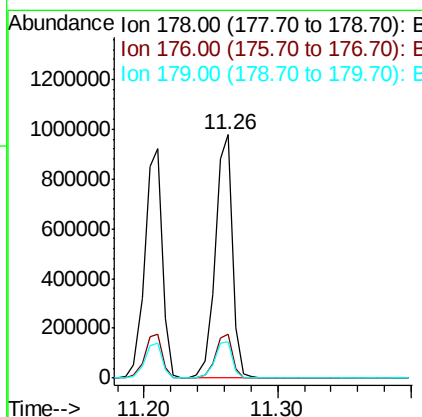
Manual Integrations
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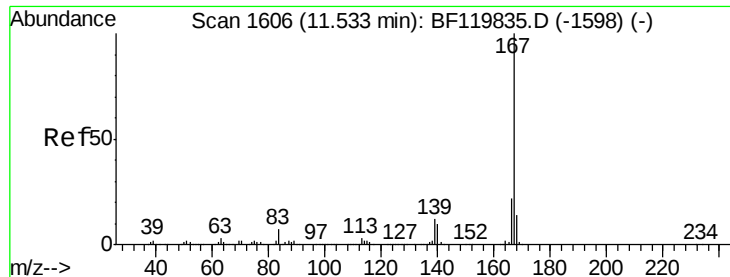
mohammad
5/4/2020 8:18:57 AM



#72
Anthracene
Concen: 43.784 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.1	24.1
179	15.1	13.0	19.4





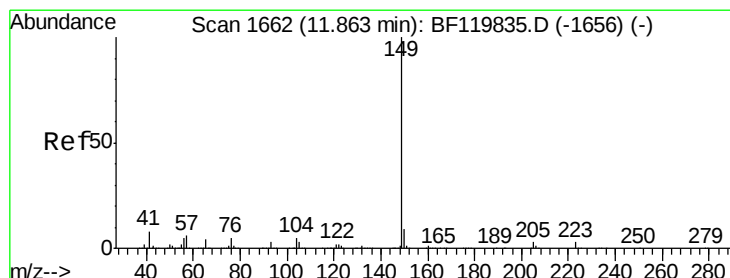
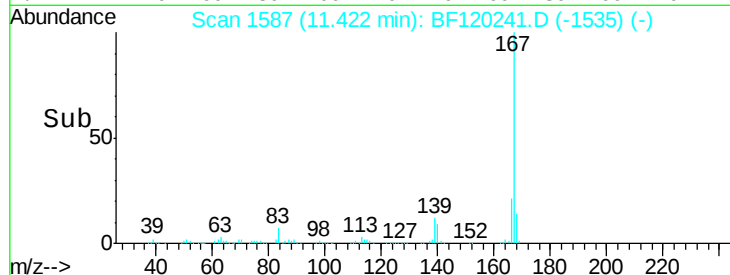
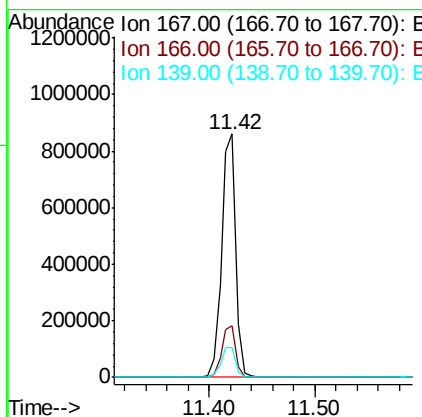
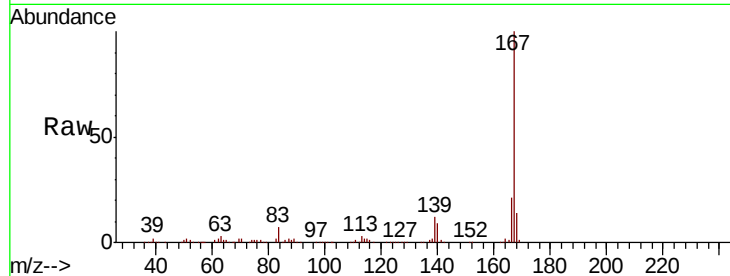
#73
 Carbazole
 Concen: 42.196 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.2	27.4
139	12.4	10.7	16.1

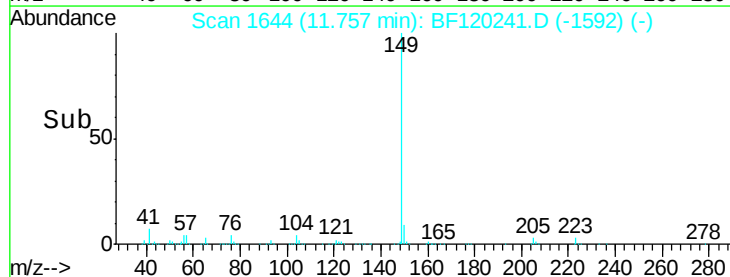
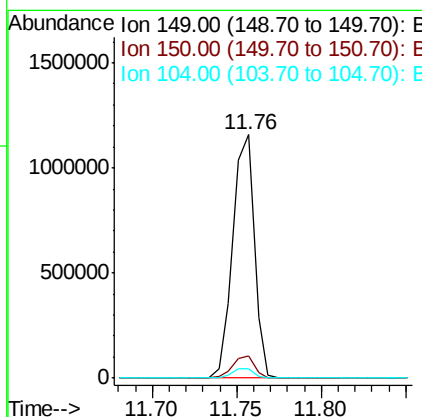
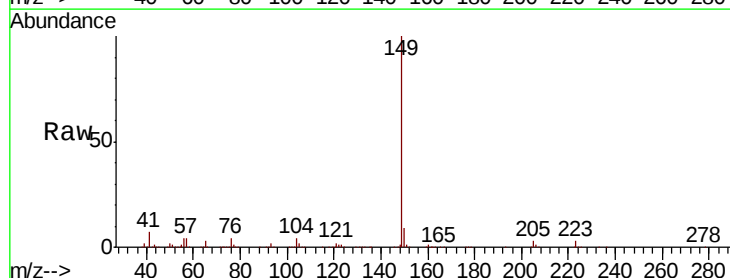
Manual Integrations
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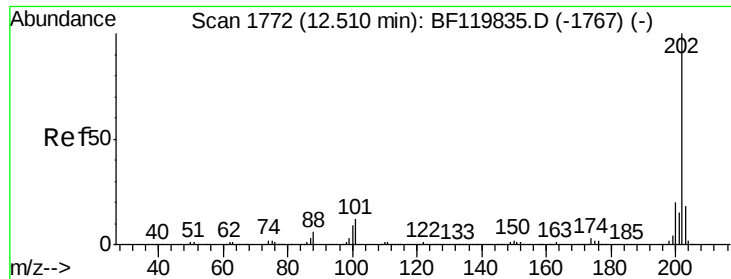
mohammad
 5/4/2020 8:18:57 AM



#74
 Di-n-butylphthalate
 Concen: 40.768 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. 0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.8
104	4.1	3.6	5.4





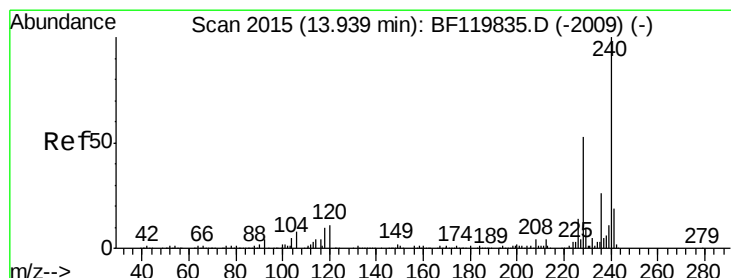
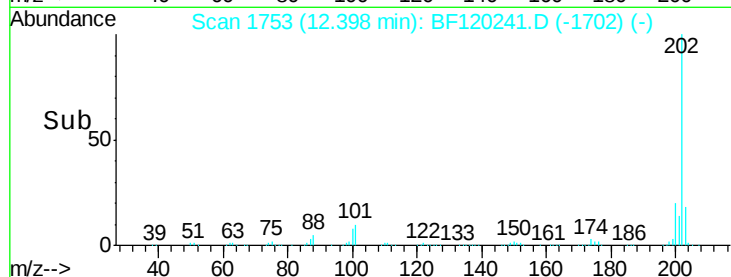
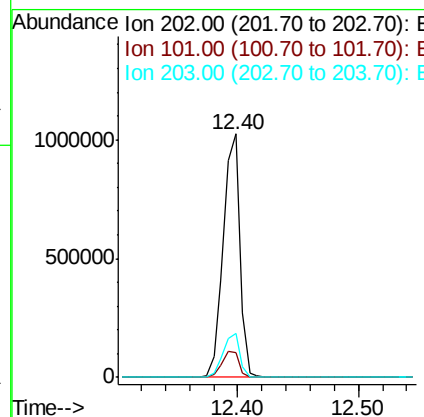
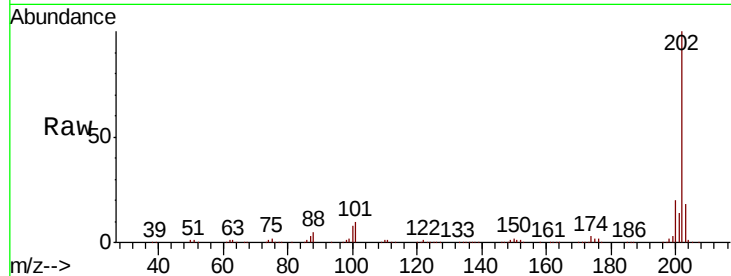
#75
 Fluoranthene
 Concen: 45.244 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampled :
 PB128574BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	32.2
203	18.0	0.0	38.8

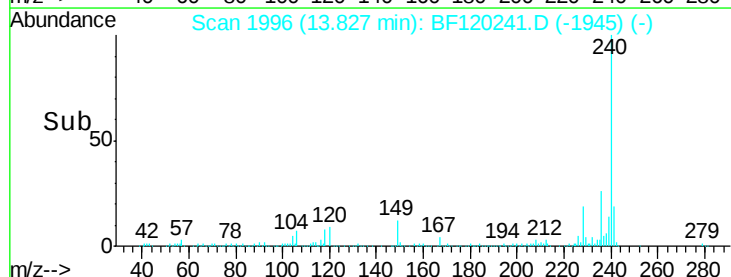
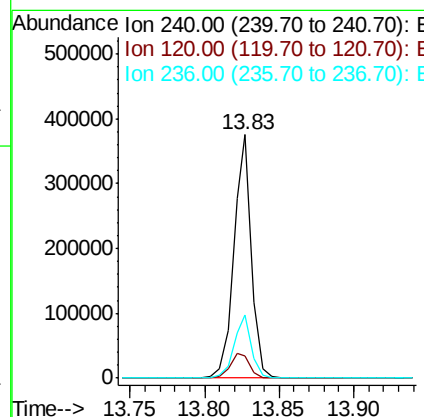
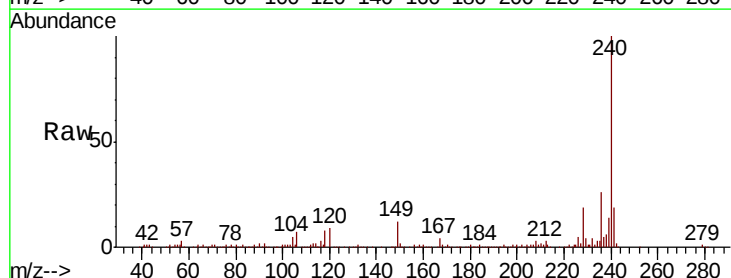
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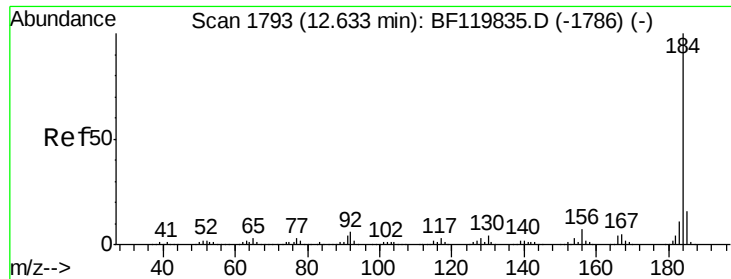
mohammad
 5/4/2020 8:18:57 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.9	10.6	15.8#
236	25.8	20.2	30.2





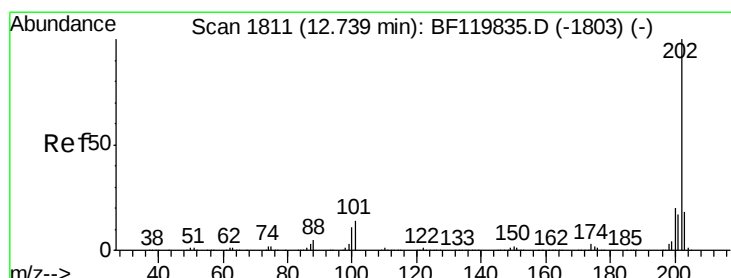
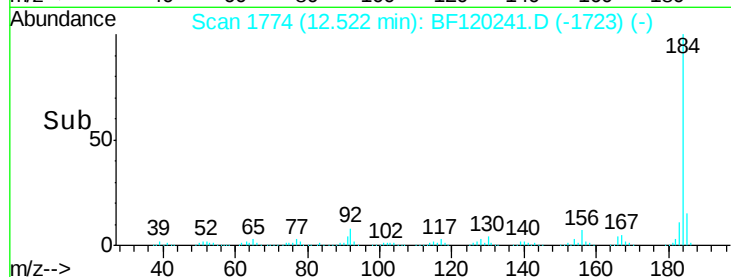
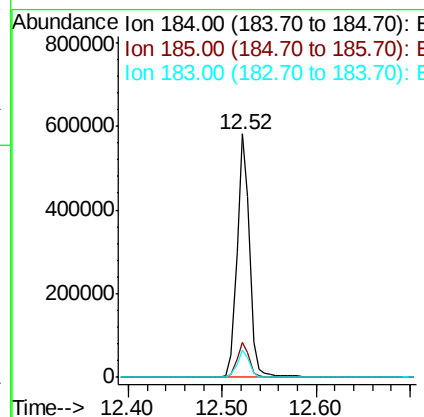
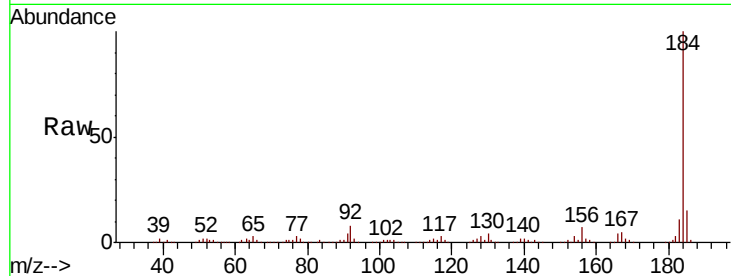
#77
Benzidine
Concen: 51.275 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.6	12.3	18.5	
183	11.1	9.0	13.6	

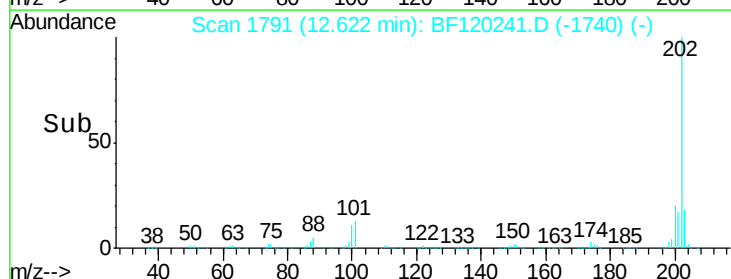
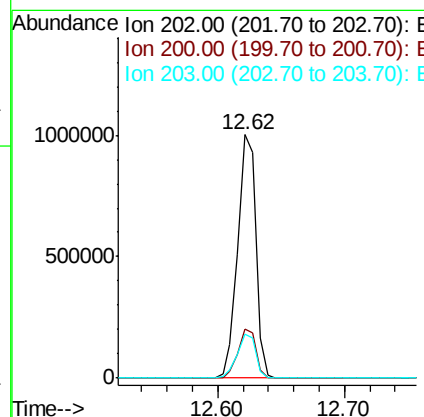
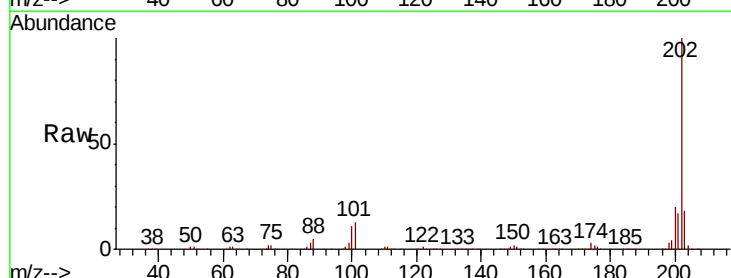
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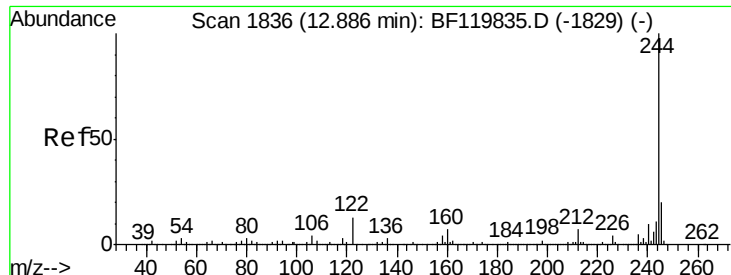
mohammad
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#78
Pyrene
Concen: 37.483 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.0	16.8	25.2	
203	18.2	15.1	22.7	





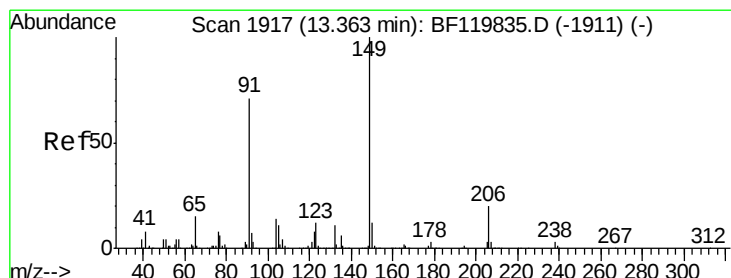
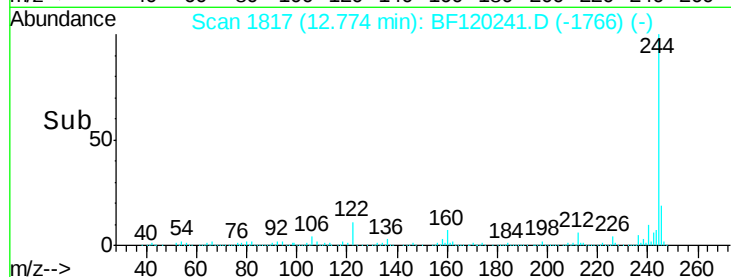
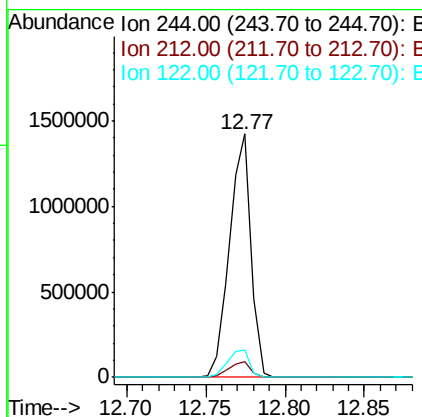
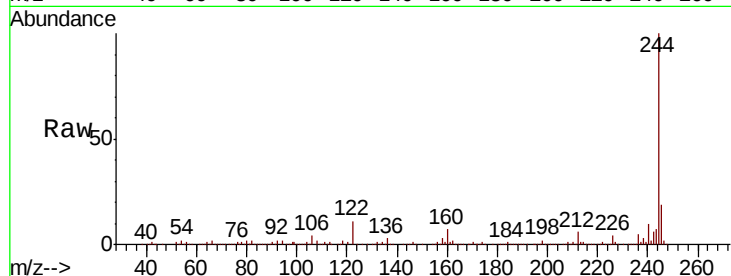
#79
 Terphenyl-d14
 Concen: 72.292 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	11.4	10.3	15.5

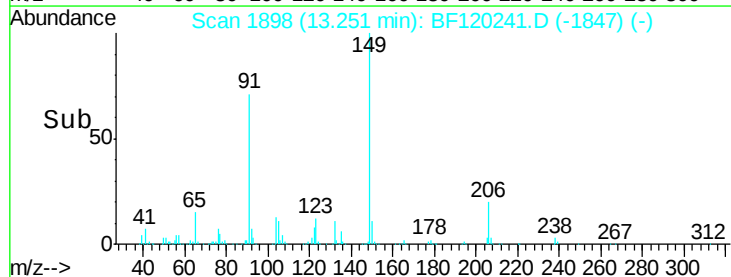
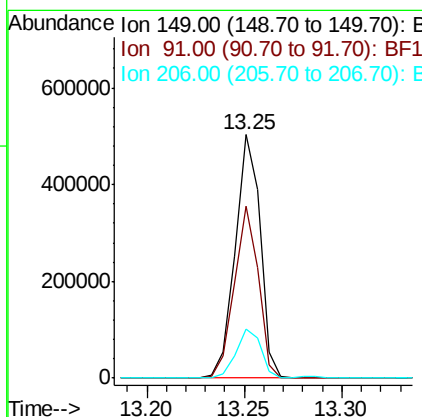
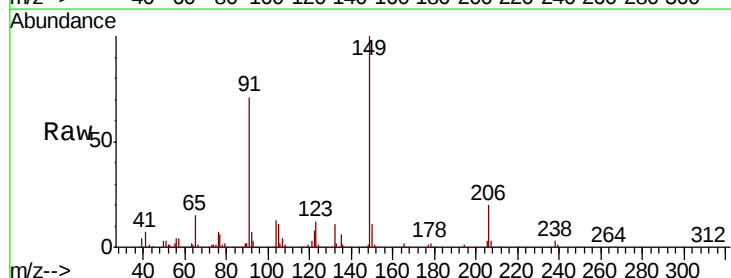
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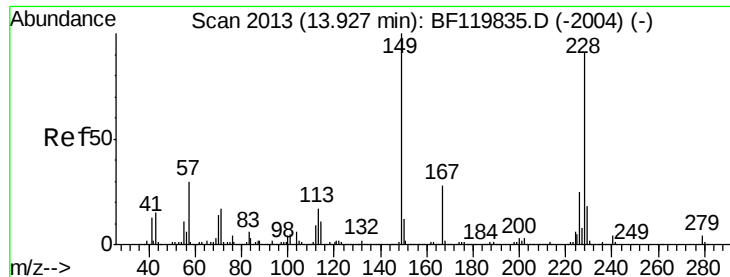
mohammad
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#80
 Butylbenzylphthalate
 Concen: 35.104 ng
 RT: 13.25 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	54.7	82.1
206	19.9	16.2	24.2





#81

Benzo(a)anthracene

Concen: 42.013 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

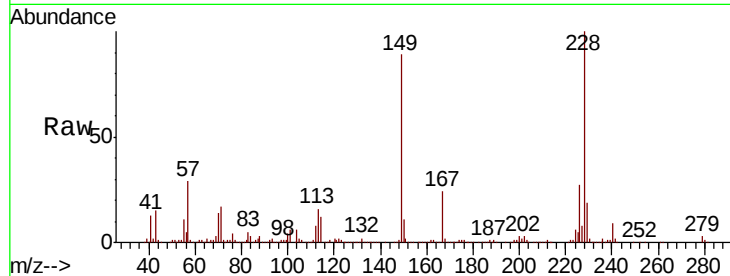
ClientSampled :

PB128574BS

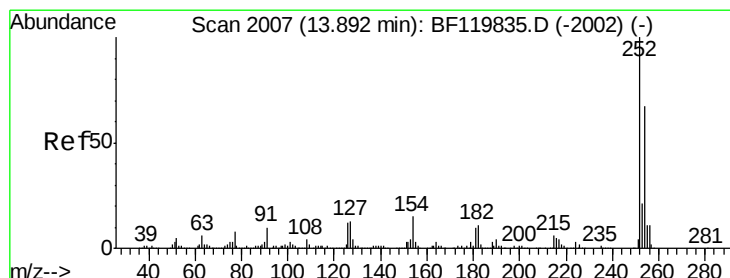
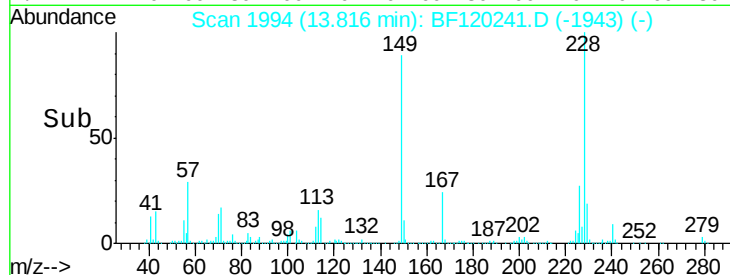
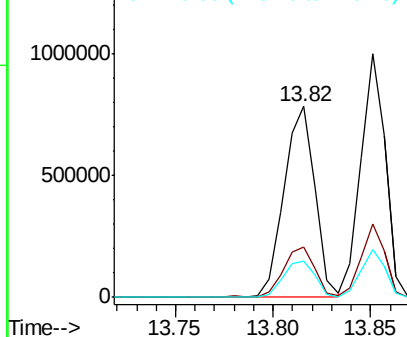
Tot Ion:	228	Resp:	859027
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.8	32.8
229	19.3	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.861 ng

RT: 13.78 min Scan# 1988

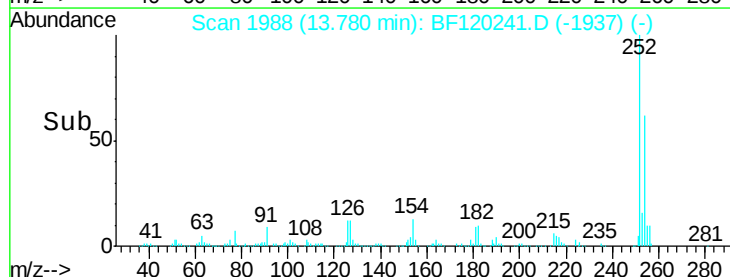
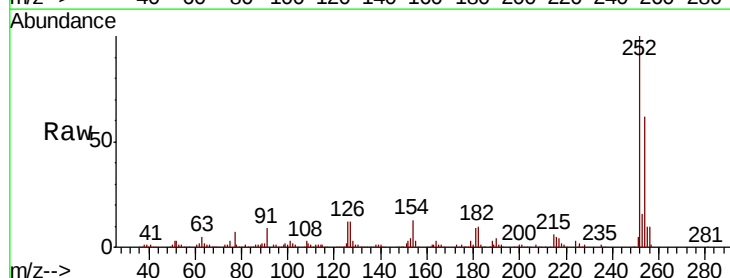
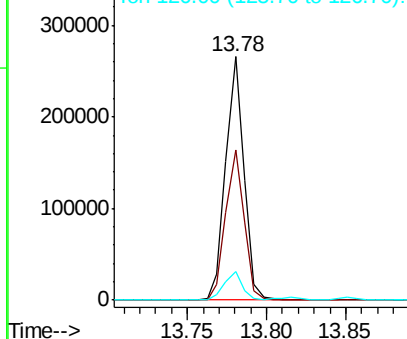
Delta R.T. 0.00 min

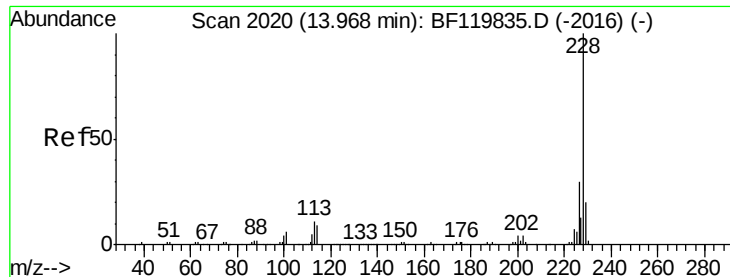
Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tgt Ion:	252	Resp:	212556
Ion Ratio	Lower	Upper	
252	100		
254	61.5	51.2	76.8
126	11.5	9.6	14.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





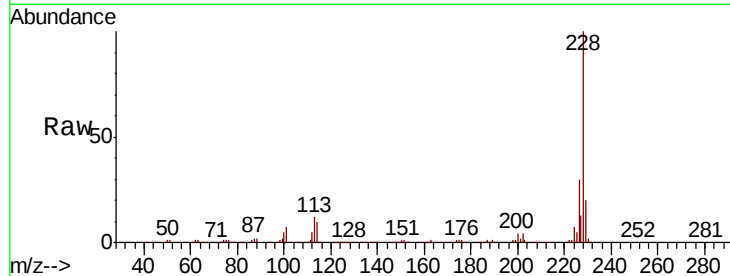
#83
 Chrysene
 Concen: 42.250 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampled :
 PB128574BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		877761		
226	30.1	25.4	38.0		
229	19.8	16.6	24.8		

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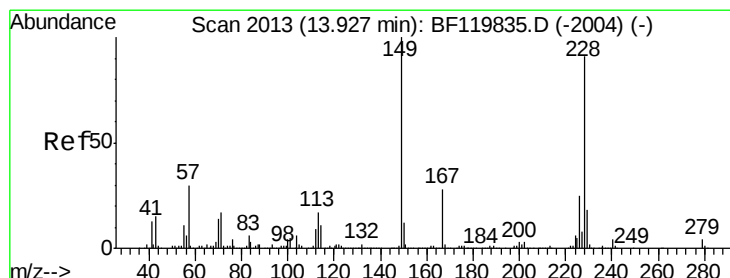
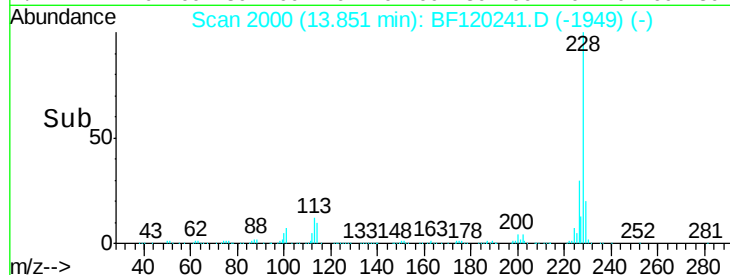
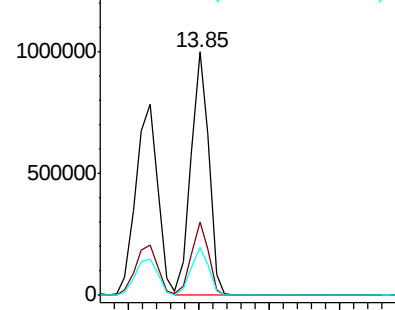


Abundance

Ion 228.00 (227.70 to 228.70): E

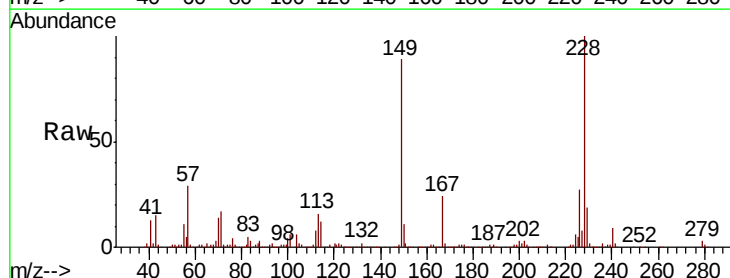
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.655 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		613872		
167	27.3	21.3	31.9		
279	3.4	2.7	4.1		

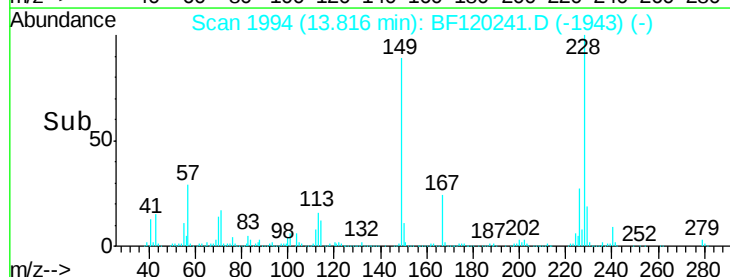
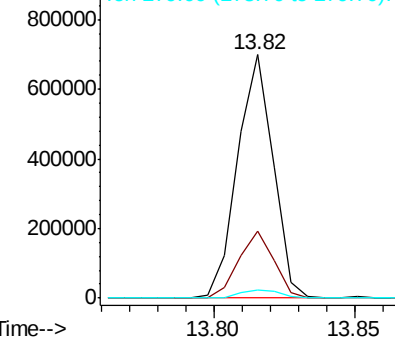


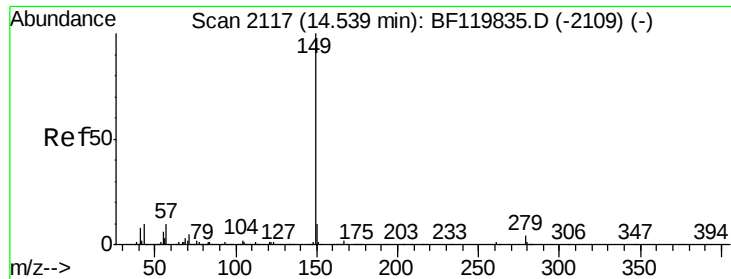
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.922 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

Tot Ion:149 Resp: 1111680

Ion Ratio Lower Upper

149 100

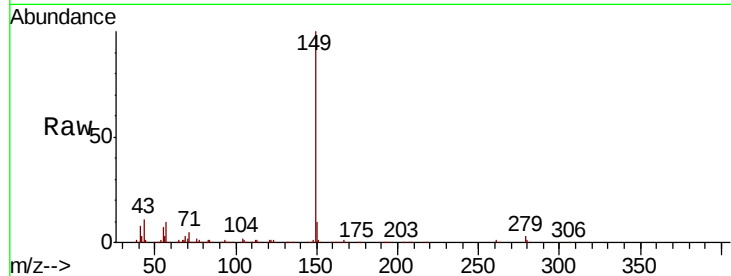
167 1.5 1.2 1.8

43 10.8 9.3 13.9

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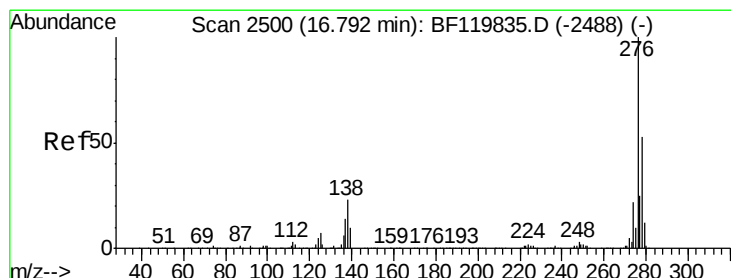
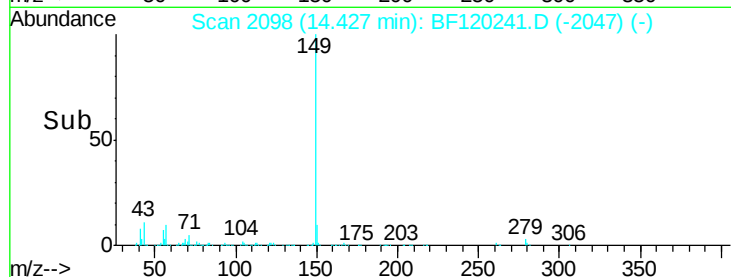
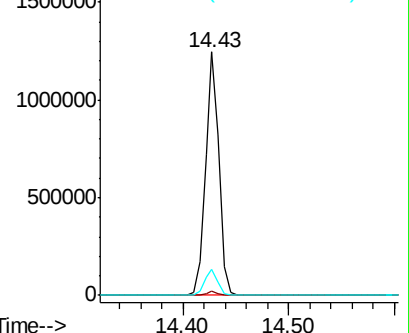
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.790 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

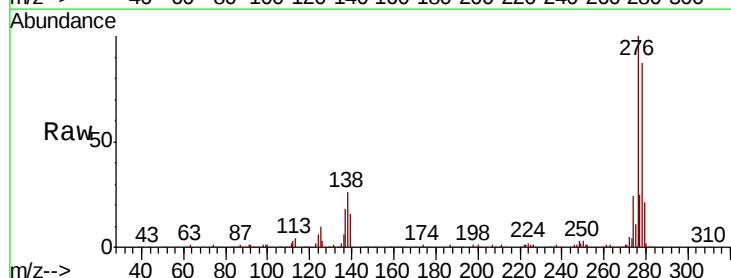
Tgt Ion:276 Resp: 985082

Ion Ratio Lower Upper

276 100

138 25.5 19.6 29.4

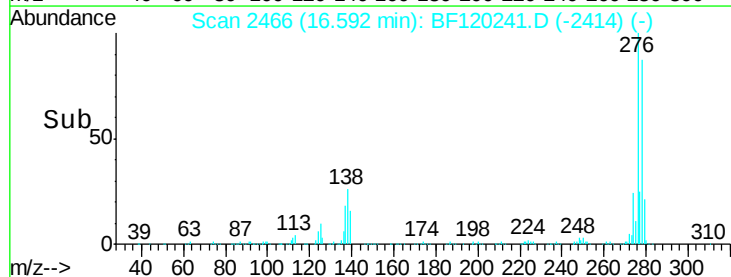
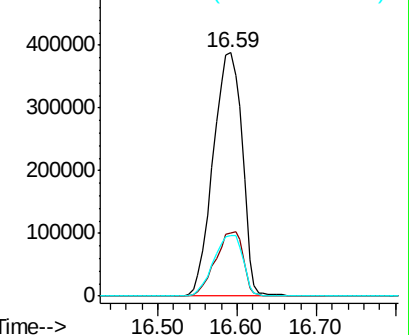
277 25.3 20.0 30.0

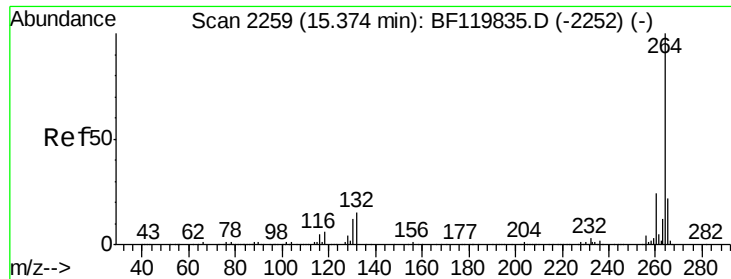


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





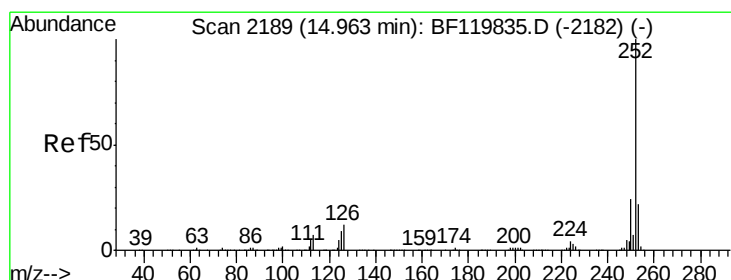
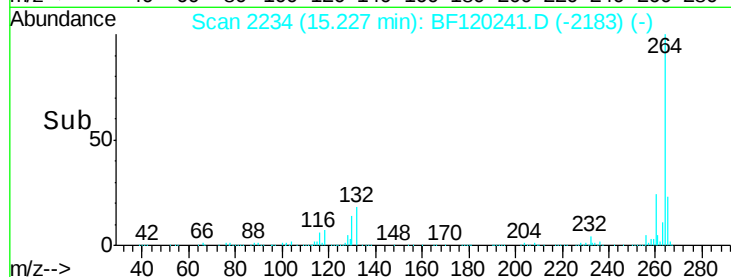
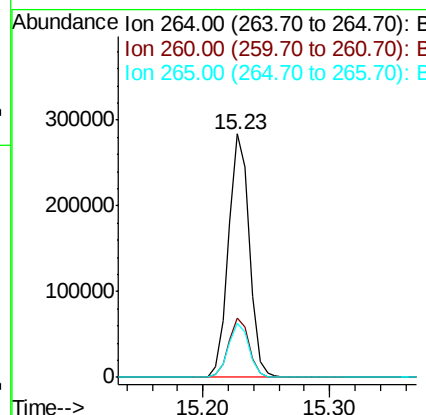
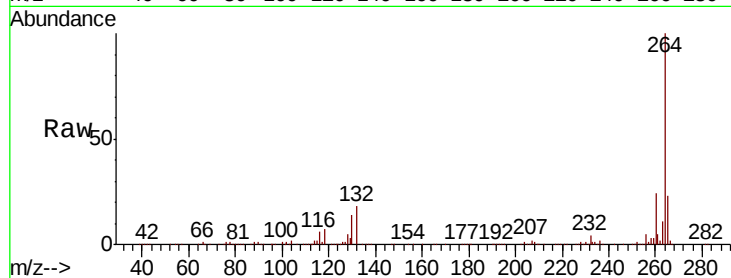
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.5	17.7	26.5

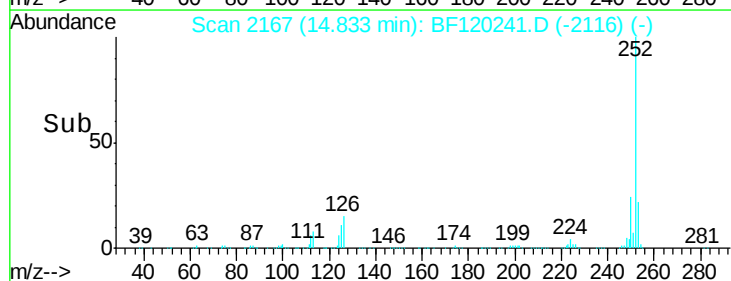
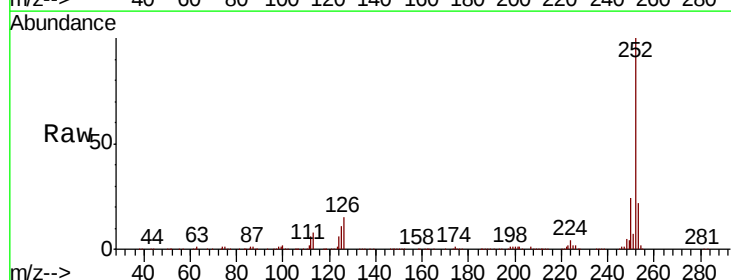
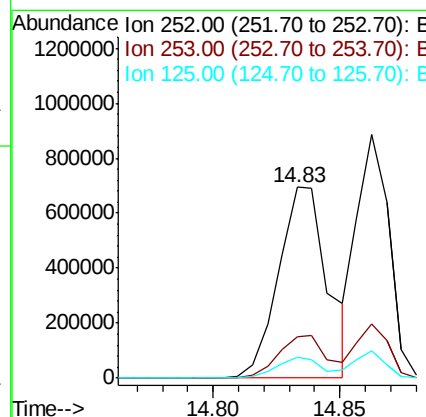
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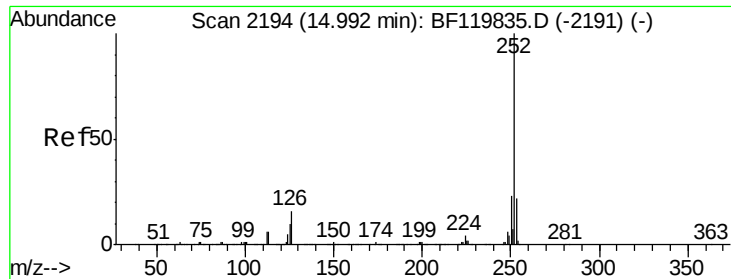
mohammad
5/4/2020 8:18:57 AM



#88
Benzo(b)fluoranthene
Concen: 40.534 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.8	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 39.456 ng

RT: 14.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

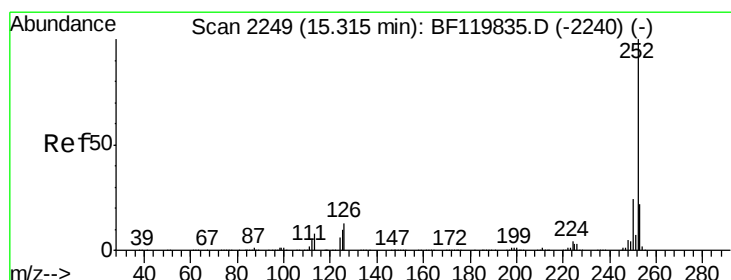
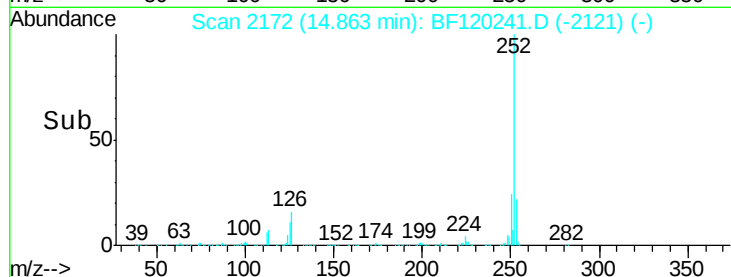
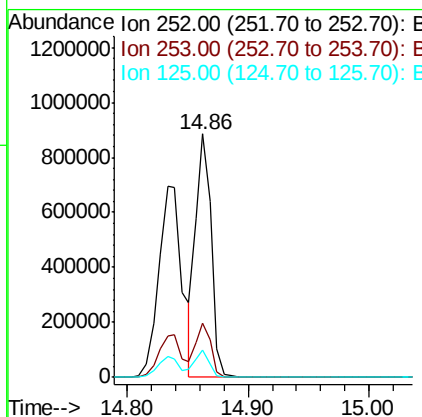
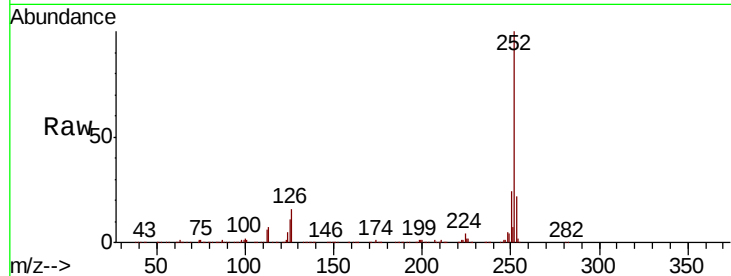
ClientSampleId :

PB128574BS

Tot Ion:	252	Resp:	790133
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	11.1	8.4	12.6

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#90

Benzo(a)pyrene

Concen: 41.586 ng

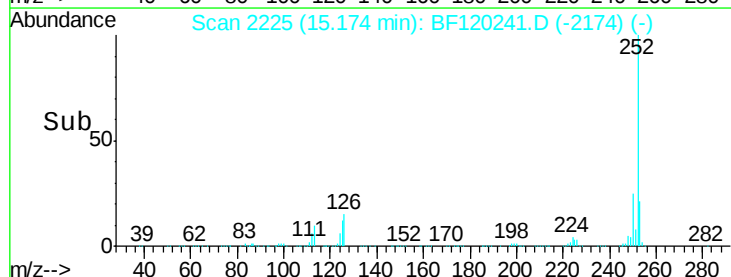
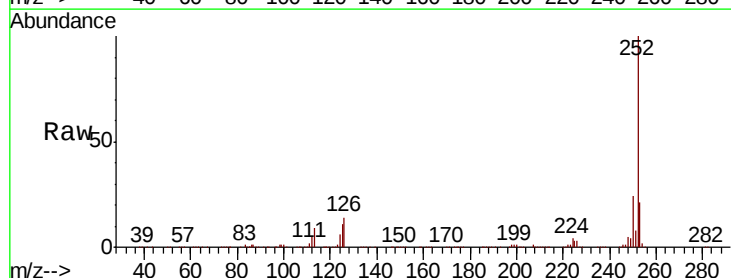
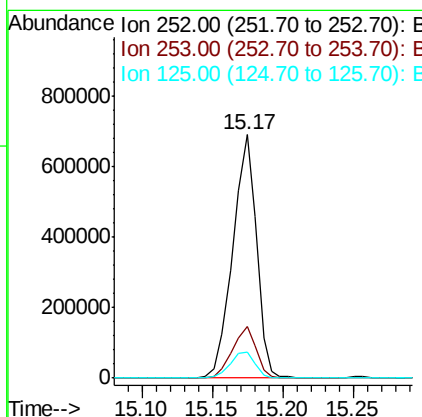
RT: 15.17 min Scan# 2225

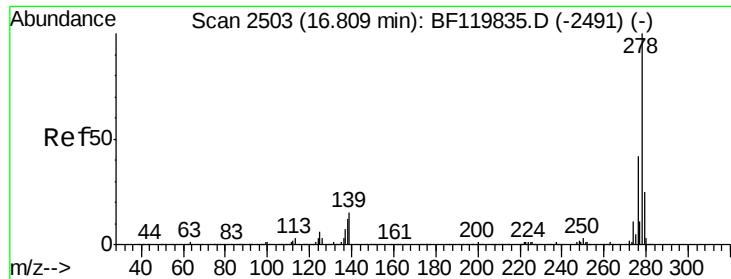
Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tgt Ion:	252	Resp:	811546
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.2	27.2
125	10.8	9.4	14.2





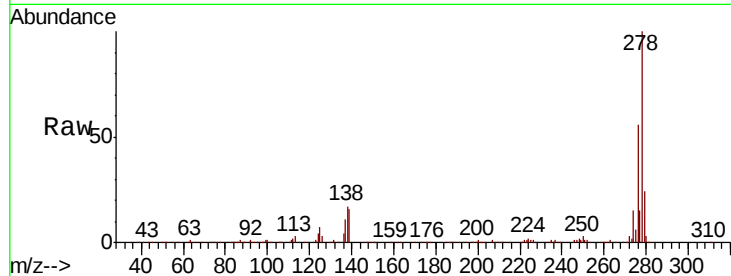
#91
Dibenzo(a,h)anthracene
Concen: 47.409 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

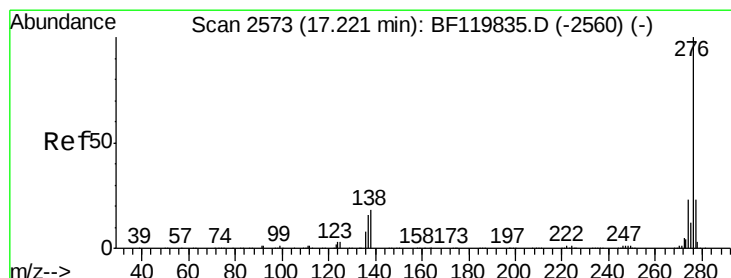
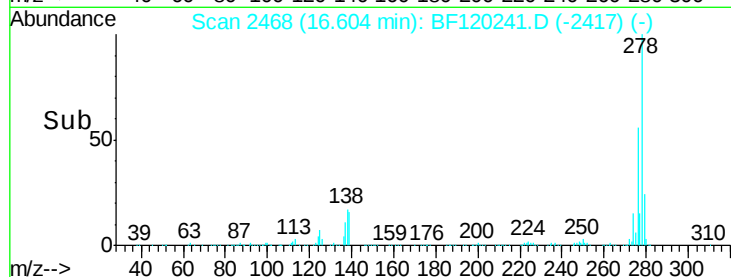
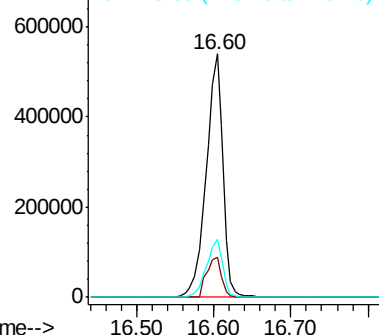
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	19.0
279	23.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
5/4/2020 8:18:57 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.288 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	21.8	15.4	23.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

