

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121185.D
 Acq On : 5 Aug 2020 10:29
 Operator : JU/CG
 Sample : PB130683BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Manual Integrations
 APPROVED

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 8/6/2020 1:20:55 PM

Quant Time: Aug 05 11:29:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134154	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	507863	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	256497	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	487614	20.00	ng	0.00
76) Chrysene-d12	13.97	240	379612	20.00	ng	0.00
86) Perylene-d12	15.41	264	374331	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	818781	100.05	ng	0.00
7) Phenol-d6	6.44	99	991265	93.77	ng	0.00
23) Nitrobenzene-d5	7.36	82	653395	74.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	302710	107.82	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1210370	70.45	ng	0.00
79) Terphenyl-d14	12.91	244	1242588	71.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.57	88	131798	34.995	ng	99
3) Pyridine	3.30	79	306946	30.637	ng	99
4) n-Nitrosodimethylamine	3.25	42	157013	36.650	ng	97
6) Aniline	6.46	93	421117	30.519	ng	93
8) 2-Chlorophenol	6.58	128	369586	40.997	ng	100
9) Benzaldehyde	6.35	77	236112	48.863	ng	97
10) Phenol	6.45	94	432229	37.171	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	346447	38.876	ng	97
12) 1,3-Dichlorobenzene	6.73	146	376212	38.485	ng	98
13) 1,4-Dichlorobenzene	6.81	146	377851	38.872	ng	99
14) 1,2-Dichlorobenzene	6.96	146	364440	39.631	ng	99
15) Benzyl Alcohol	6.94	79	288468	38.588	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	475272	37.001	ng	98
17) 2-Methylphenol	7.06	107	291920	36.534	ng	100
18) Hexachloroethane	7.30	117	140628	39.972	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	221256	36.809	ng	97
20) 3+4-Methylphenols	7.21	107	335343	32.992	ng	98
22) Acetophenone	7.20	105	461264	40.469	ng	# 96
24) Nitrobenzene	7.38	77	368153	38.917	ng	99
25) Isophorone	7.62	82	665506	37.992	ng	96
26) 2-Nitrophenol	7.69	139	199234	44.345	ng	97
27) 2,4-Dimethylphenol	7.73	122	315624	43.269	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	432382	40.437	ng	100
29) 2,4-Dichlorophenol	7.94	162	305635	41.003	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	329330	39.823	ng	99
31) Naphthalene	8.10	128	1013508	38.905	ng	100
32) Benzoic acid	7.87	122	165679	30.257	ng	99
33) 4-Chloroaniline	8.15	127	304790	26.227	ng	100
34) Hexachlorobutadiene	8.22	225	190398	39.055	ng	98
35) Caprolactam	8.53	113	93030m	38.919	ng	
36) 4-Chloro-3-methylphenol	8.64	107	309508	40.486	ng	100
37) 2-Methylnaphthalene	8.79	142	691668	40.891	ng	99
38) 1-Methylnaphthalene	8.89	142	647879	40.441	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	318559	42.627	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	318805	77.187	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	217514	41.338	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	229054	38.376	nq	97
46) 1,1'-Biphenyl	9.26	154	828271	42.333	nq	99
47) 2-Chloronaphthalene	9.28	162	641480	40.213	nq	98
48) 2-Nitroaniline	9.38	65	191828	39.792	nq	98
49) Acenaphthylene	9.70	152	1013319	40.890	nq	99
50) Dimethylphthalate	9.56	163	753756	40.733	nq	99
51) 2,6-Dinitrotoluene	9.62	165	166745	41.943	nq	98
52) Acenaphthene	9.87	154	579903	36.806	nq	100
53) 3-Nitroaniline	9.79	138	127818	25.635	nq	99
54) 2,4-Dinitrophenol	9.90	184	162681	71.852	nq	94
55) Dibenzofuran	10.05	168	891079	39.110	nq	97
56) 4-Nitrophenol	9.97	139	249179	65.789	nq	99
57) 2,4-Dinitrotoluene	10.03	165	215785	41.332	nq	87
58) Fluorene	10.39	166	668398	39.334	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	190493	41.918	nq	97
60) Diethylphthalate	10.26	149	752017	40.178	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	333119	36.754	nq	99
62) 4-Nitroaniline	10.41	138	179708	37.000	nq	98
63) Azobenzene	10.54	77	697223	39.128	nq	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	114991	41.327	nq	98
66) n-Nitrosodiphenylamine	10.50	169	629821	41.059	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	219678	40.408	nq	94
68) Hexachlorobenzene	10.93	284	247979	42.167	nq	# 93
69) Atrazine	11.03	200	178600	47.014	nq	98
70) Pentachlorophenol	11.13	266	249103	73.938	nq	99
71) Phenanthrene	11.35	178	1001752	39.945	nq	100
72) Anthracene	11.40	178	1034768	41.091	nq	99
73) Carbazole	11.56	167	955577	38.237	nq	99
74) Di-n-butylphthalate	11.89	149	1183413	41.035	nq	100
75) Fluoranthene	12.54	202	1084948	39.031	nq	99
77) Benzidine	12.66	184	561082	56.217	nq	99
78) Pyrene	12.77	202	1115912	41.578	nq	99
80) Butylbenzylphthalate	13.38	149	510848	42.698	nq	94
81) Benzo(a)anthracene	13.96	228	967582	42.092	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	314102	36.218	nq	100
83) Chrysene	13.99	228	946839	39.195	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	692843	46.962	nq	100
85) Di-n-octyl phthalate	14.55	149	1224594	41.721	nq	98
87) Indeno(1,2,3-cd)pyrene	16.85	276	1014627	38.974	nq	100
88) Benzo(b)fluoranthene	14.99	252	988576	43.690	nq	99
89) Benzo(k)fluoranthene	15.03	252	877306	42.514	nq	99
90) Benzo(a)pyrene	15.35	252	856659	41.497	nq	100
91) Dibenzo(a,h)anthracene	16.86	278	848434	39.897	nq	99
92) Benzo(g,h,i)perylene	17.28	276	854581	40.757	nq	99

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



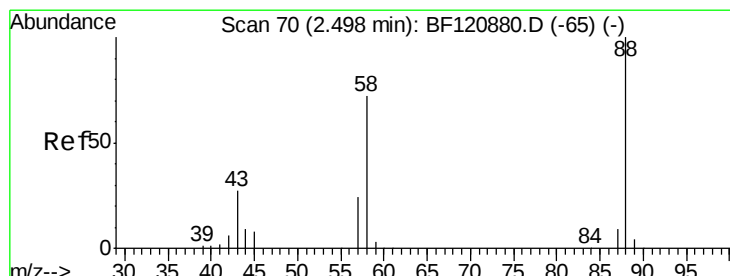
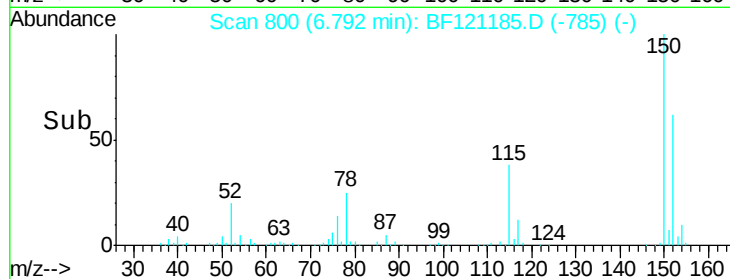
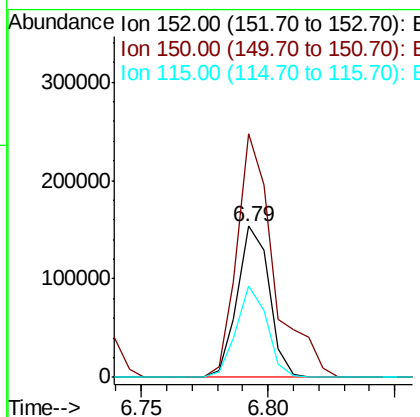
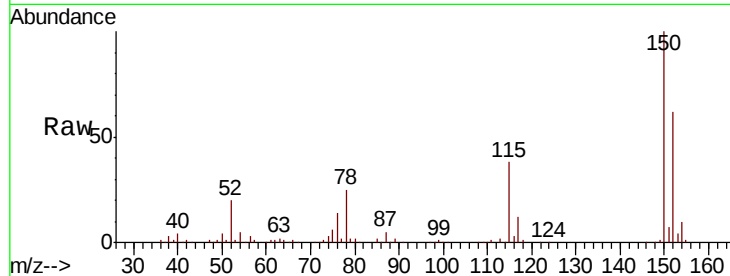
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
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 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	125.6	188.4
115	60.7	46.2	69.2

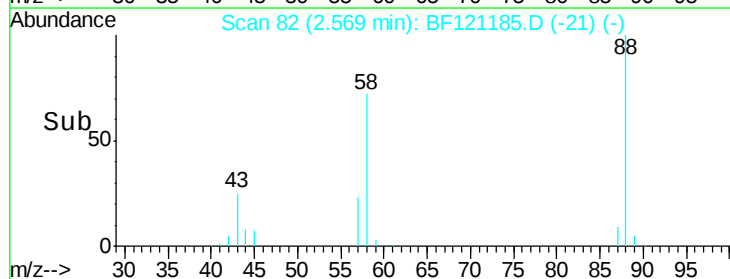
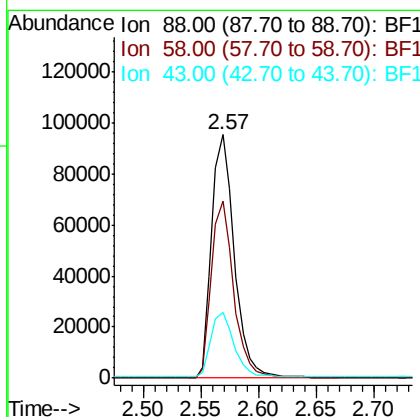
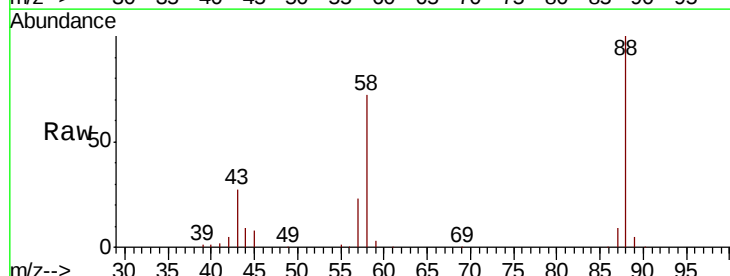
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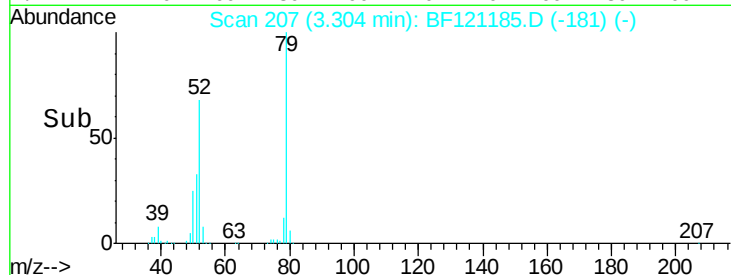
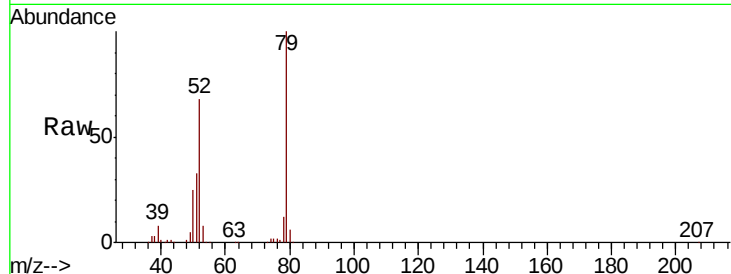
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#2
 1,4-Dioxane
 Concen: 34.995 ng
 RT: 2.57 min Scan# 82
 Delta R.T. 0.06 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	58.2	87.4
43	26.6	21.3	31.9





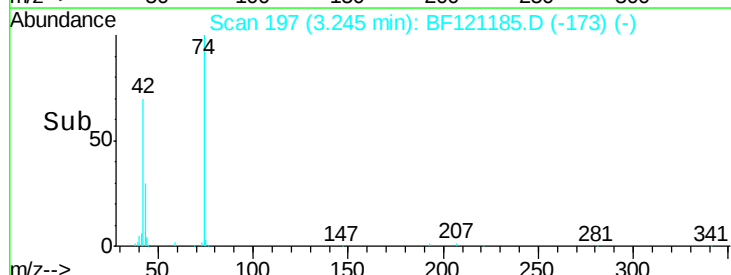
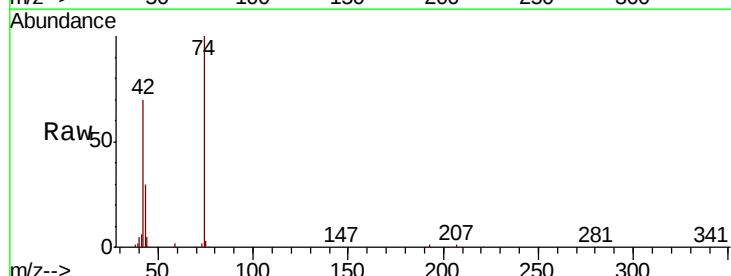
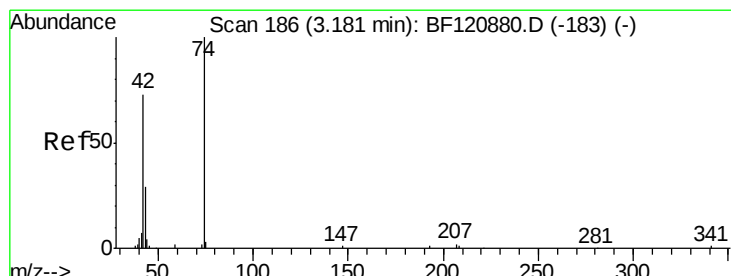
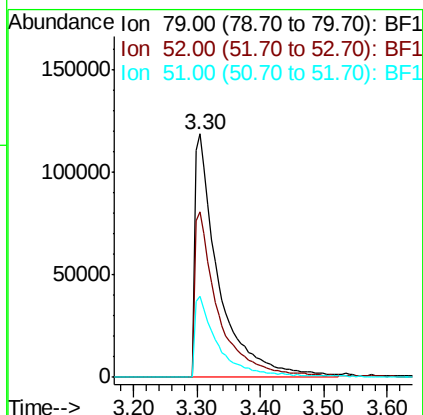
#3
Pvridine
Concen: 30.637 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.05 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.2	54.9	82.3
51	33.3	27.4	41.0

Instrument :
BNA_F
ClientSampleId :
PB130683BS

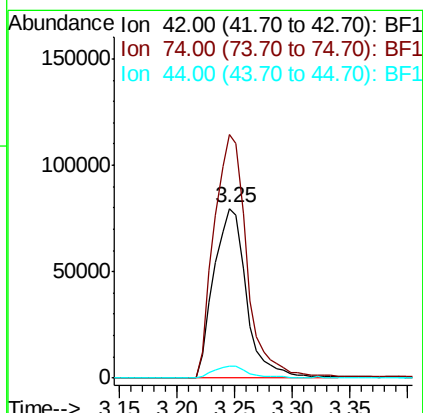
Manual Integrations
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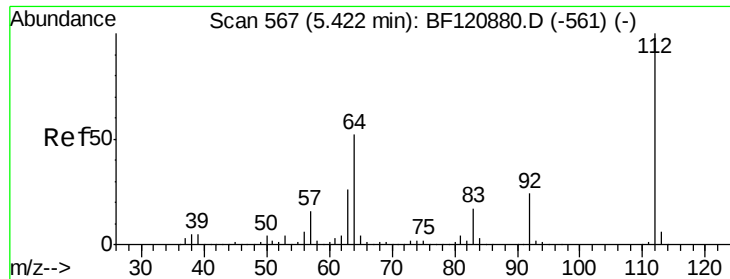
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#4
n-Nitrosodimethylamine
Concen: 36.650 ng
RT: 3.25 min Scan# 197
Delta R.T. 0.04 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.3	117.3	175.9
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 100.055 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

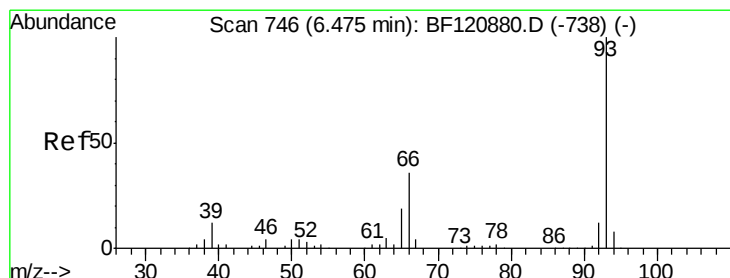
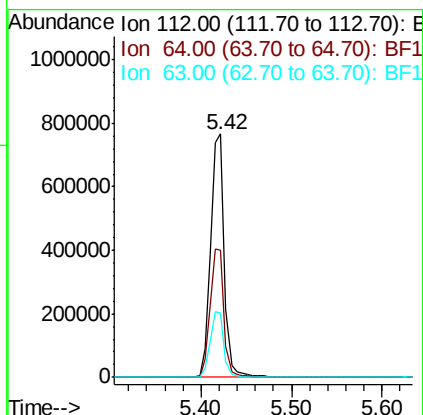
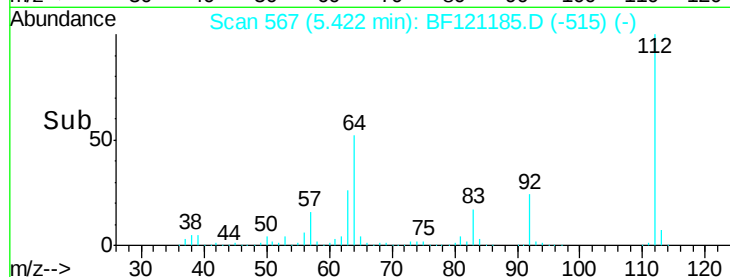
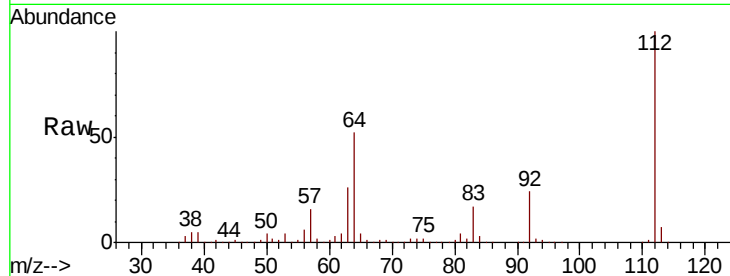
ClientSampleID :

PB130683BS

Tot Ion:	112	Resp:	818781
Ion Ratio	Lower	Upper	
112	100		
64	52.3	43.9	65.9
63	26.4	22.7	34.1

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#6

Aniline

Concen: 30.519 ng

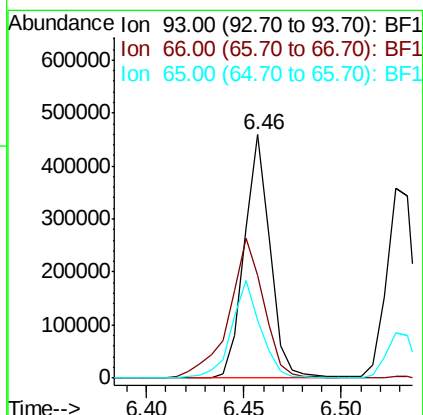
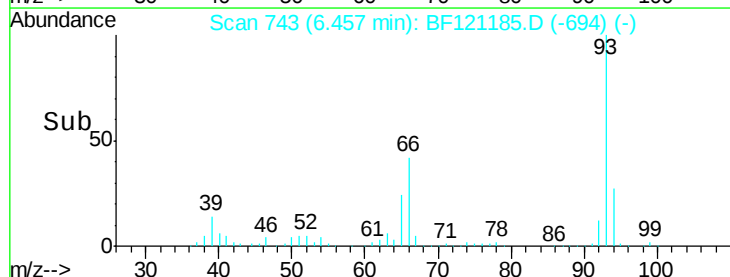
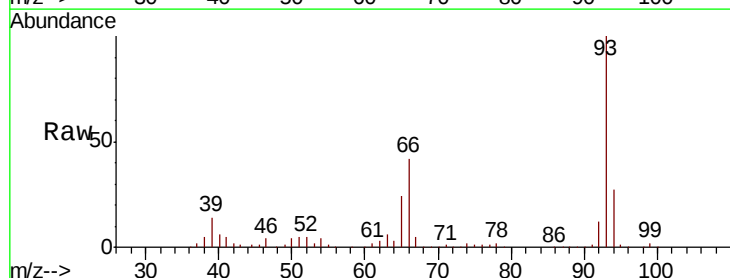
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Tgt Ion:	93	Resp:	421117
Ion Ratio	Lower	Upper	
93	100		
66	42.3	31.0	46.4
65	24.1	16.2	24.4





#7

Phenol-d6

Concen: 93.774 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

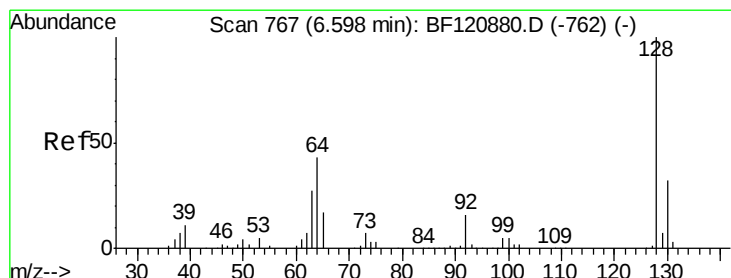
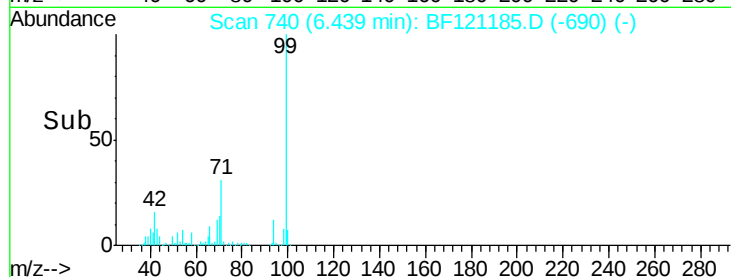
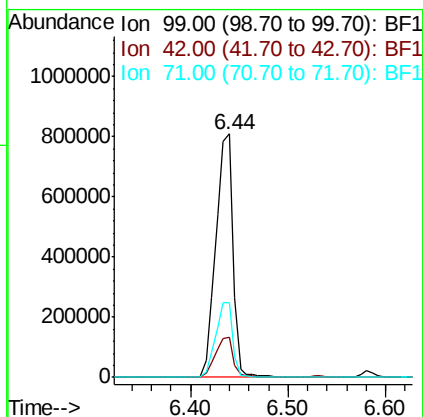
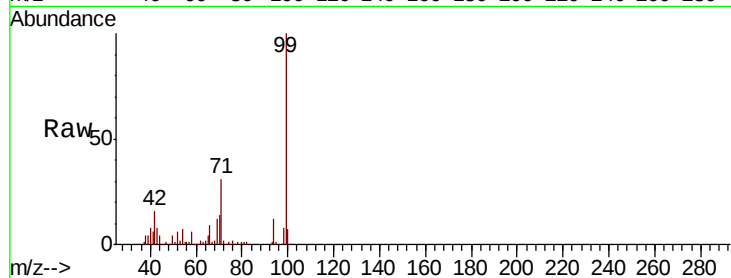
ClientSampleId :

PB130683BS

Tot Ion:	99	Resp:	991265
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	30.7	25.0	37.4

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#8

2-Chlorophenol

Concen: 40.997 ng

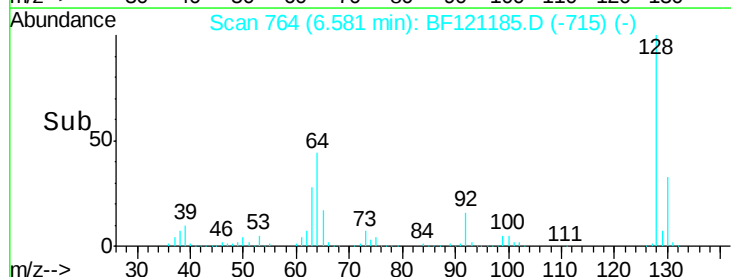
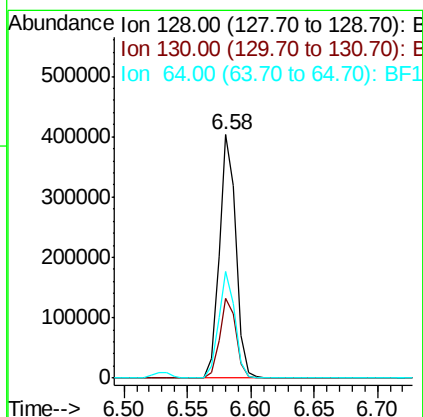
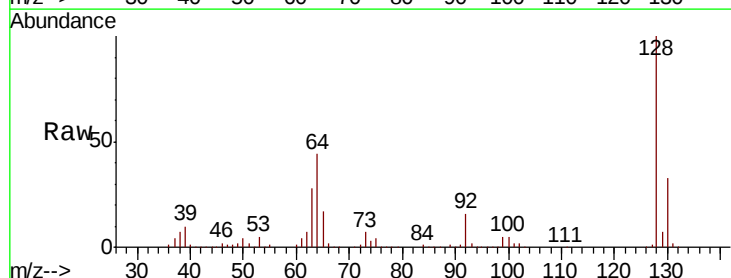
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Tgt Ion:	128	Resp:	369586
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.7	52.7
64	44.1	23.8	63.8





#9

Benzaldehyde

Concen: 48.863 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

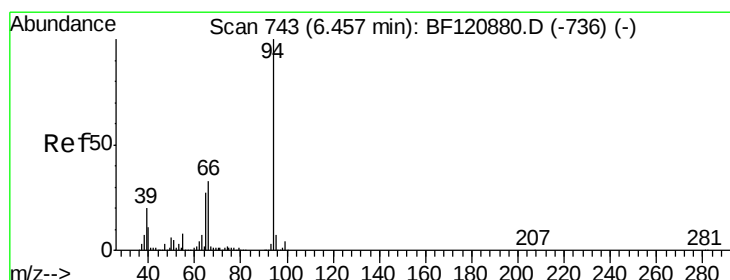
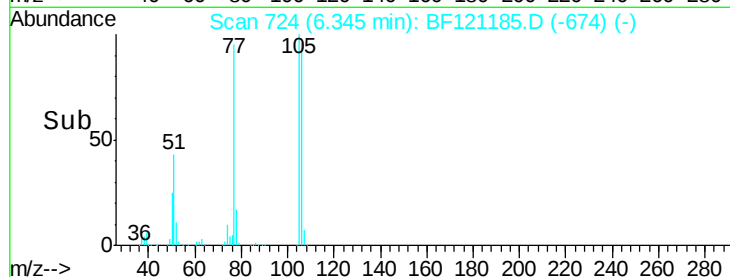
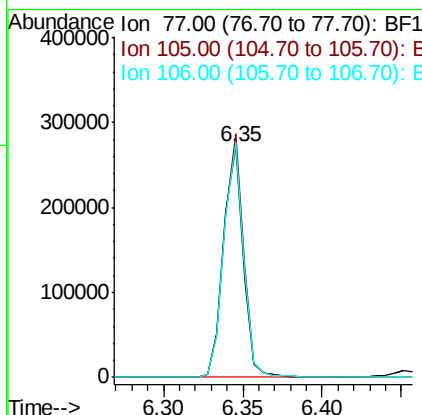
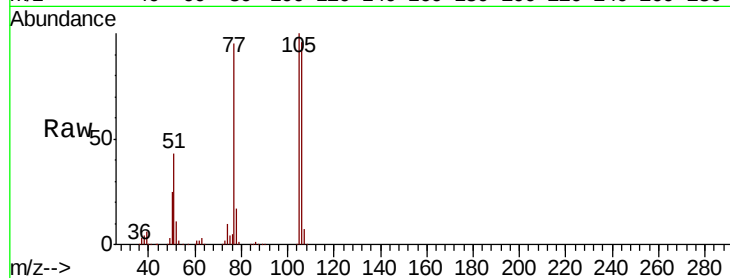
ClientSampleId :

PB130683BS

Tot Ion:	77	Resp:	236112
Ion	Ratio	Lower	Upper
77	100		
105	105.6	82.4	122.4
106	101.7	78.9	118.9

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#10

Phenol

Concen: 37.171 ng

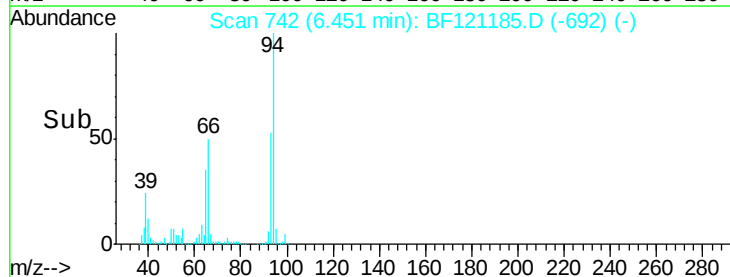
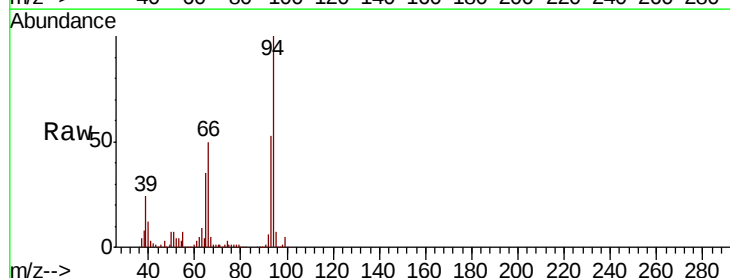
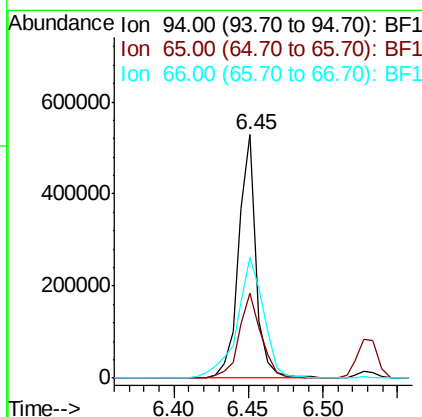
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Tgt Ion:	94	Resp:	432229
Ion	Ratio	Lower	Upper
94	100		
65	34.7	12.6	52.6
66	49.7	25.6	65.6





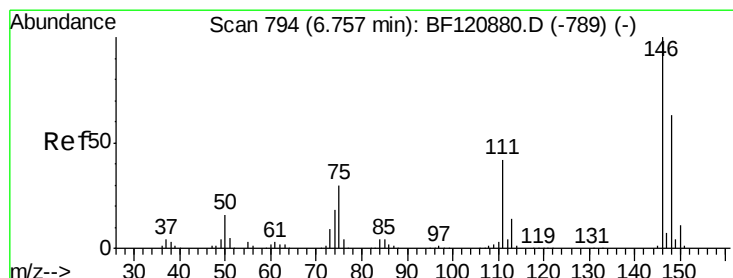
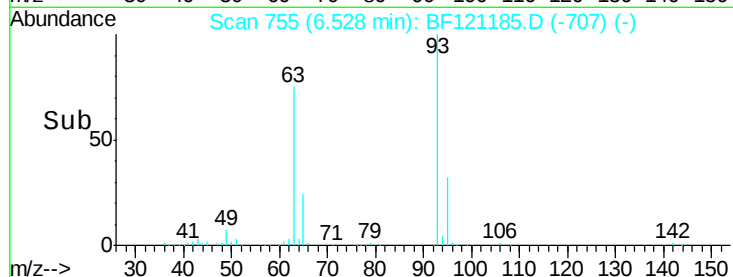
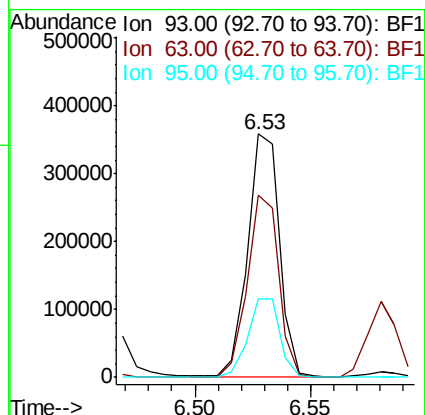
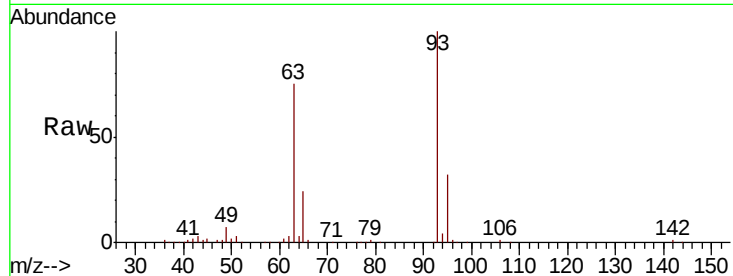
#11
bis(2-Chloroethyl)ether
Concen: 38.876 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:	93	Resp:	346447
Ion Ratio	Lower	Upper	
93	100		
63	74.8	51.9	91.9
95	32.3	13.2	53.2

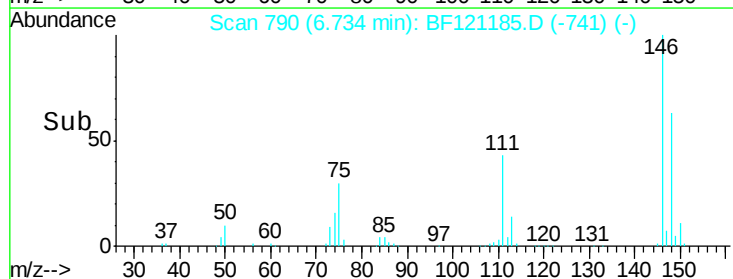
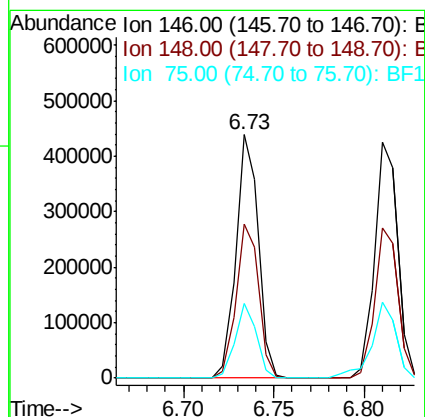
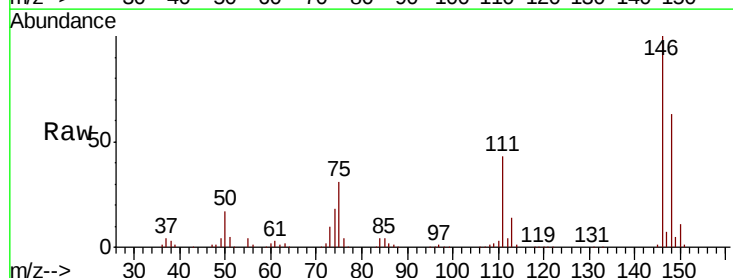
Manual Integrations
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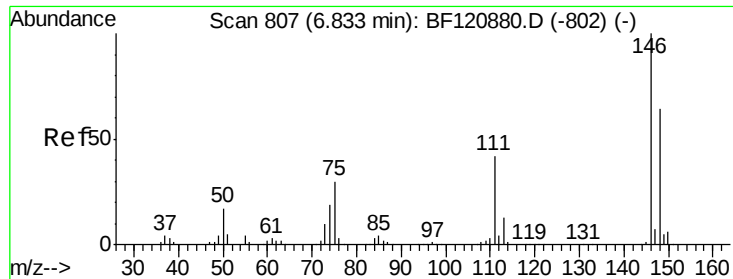
mohammad
8/6/2020 1:20:55 PM



#12
1,3-Dichlorobenzene
Concen: 38.485 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion:	146	Resp:	376212
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.7	77.5
75	30.7	23.8	35.6





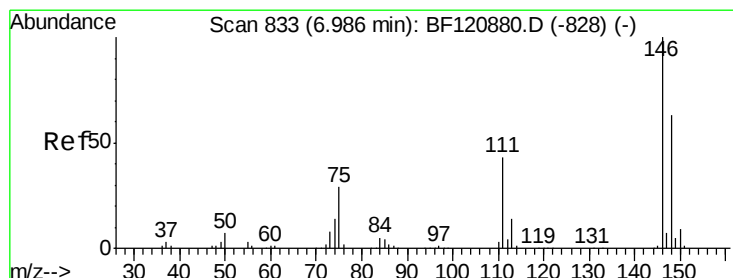
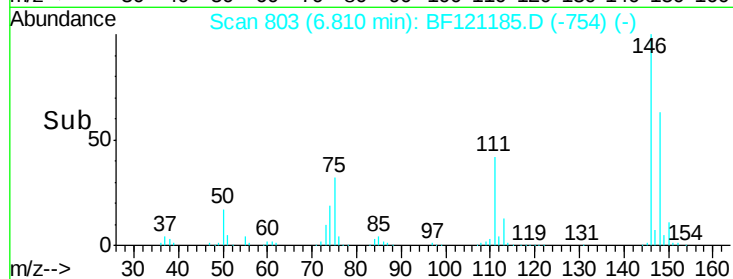
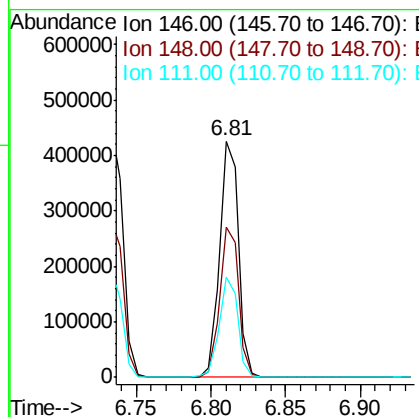
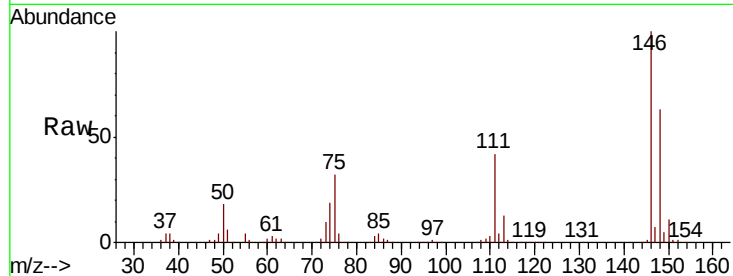
#13
1,4-Dichlorobenzene
Concen: 38.872 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampled :
PB130683BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
111	42.5	32.8	49.2

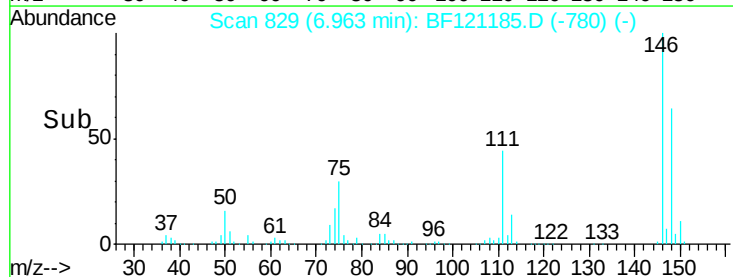
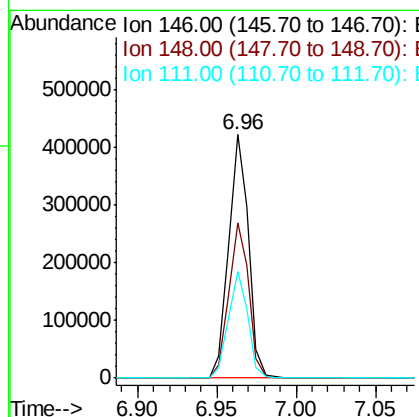
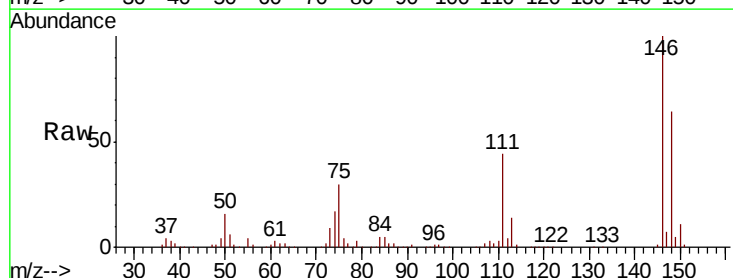
Manual Integrations
APPROVED

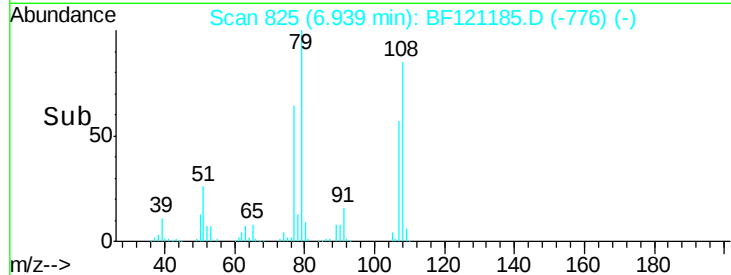
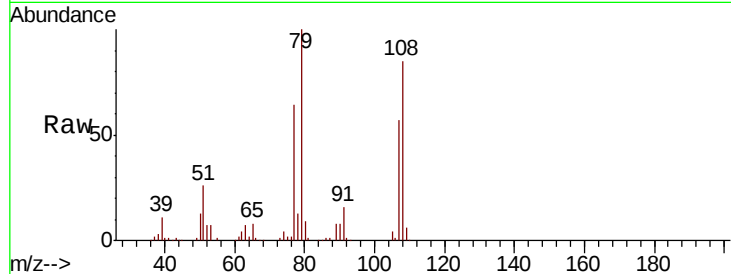
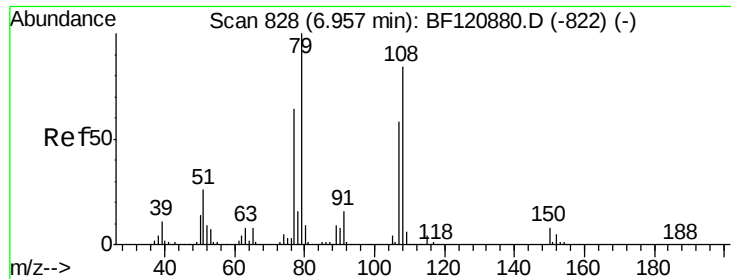
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.631 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	43.8	35.4	53.0





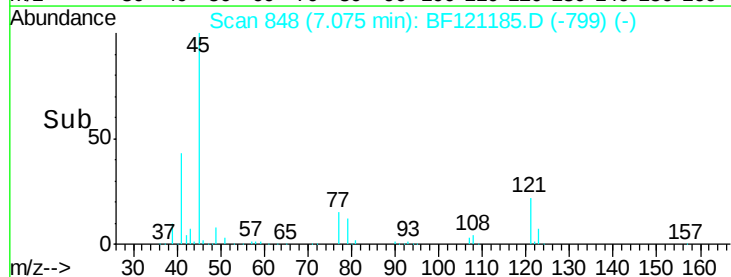
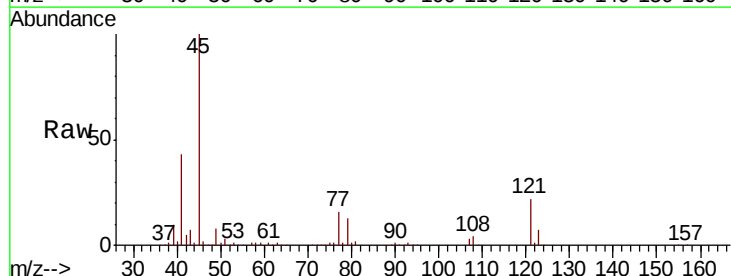
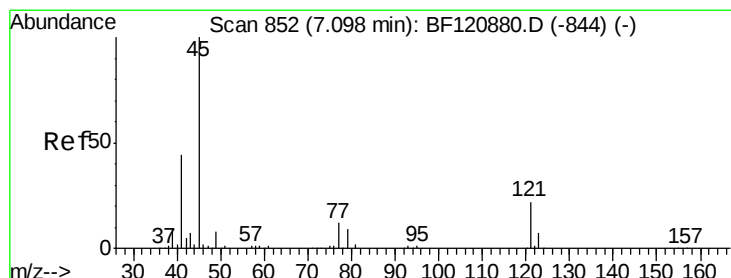
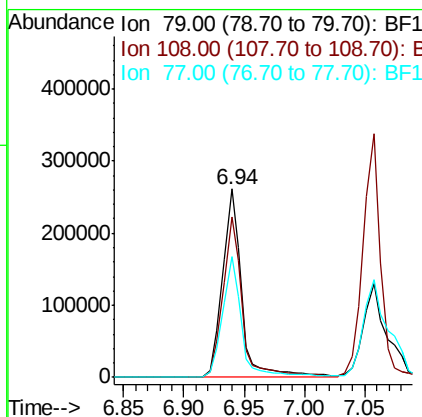
#15
Benzyl Alcohol
Concen: 38.588 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tot Ion	Ratio	Resp	Lower	Upper
79	100	288468		
108	85.1	68.6	103.0	
77	64.4	51.4	77.2	

Instrument :
BNA_F
ClientSampleId :
PB130683BS

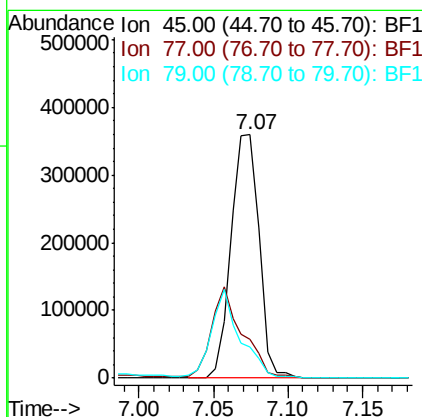
Manual Integrations
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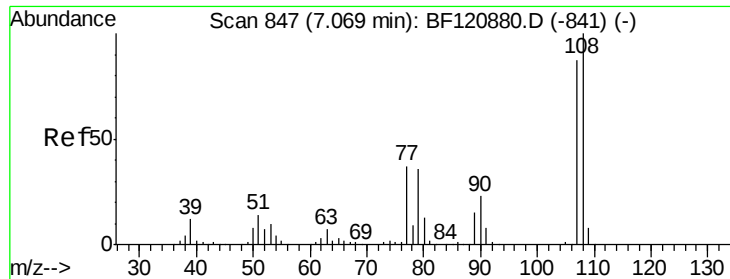
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.001 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	475272		
77	15.8	0.0	34.7	
79	12.7	0.0	32.0	





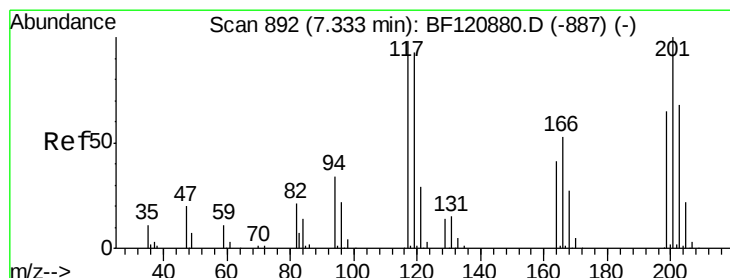
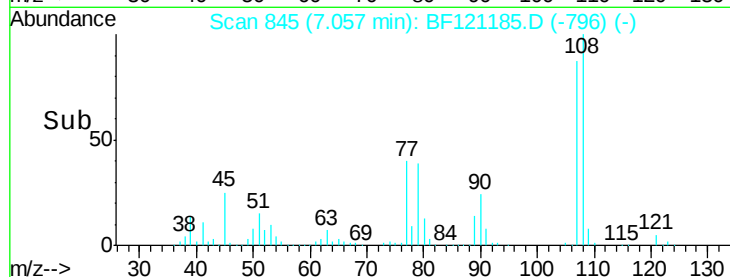
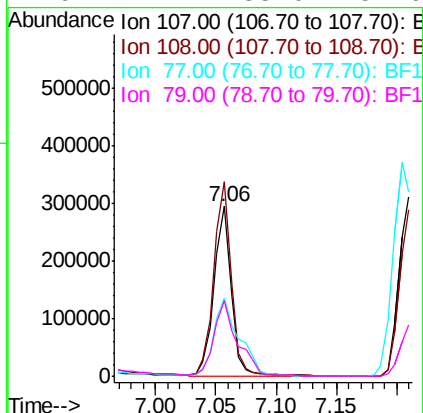
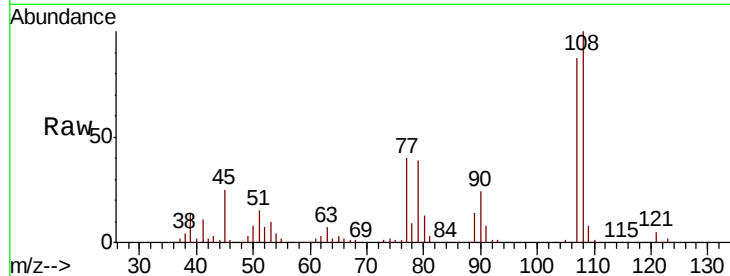
#17
2-Methylphenol
Concen: 36.534 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	91.2	136.8	
77	45.9	36.5	54.7	
79	44.4	35.0	52.6	

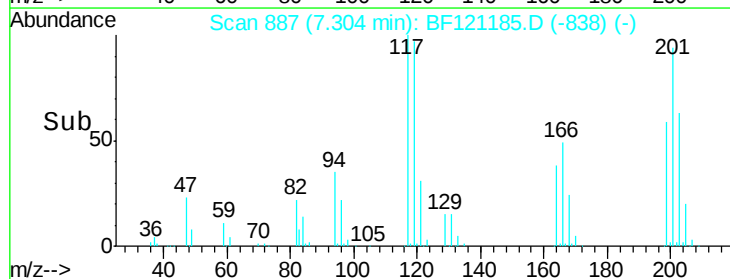
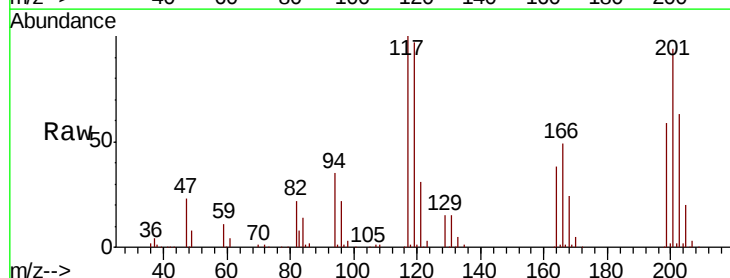
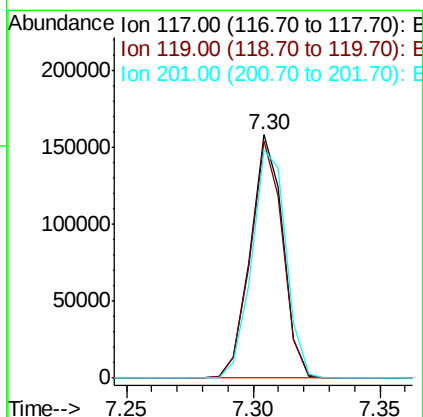
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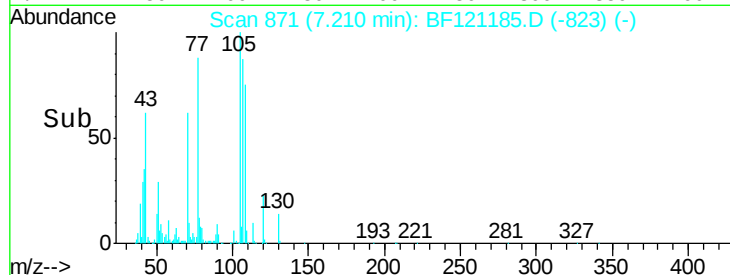
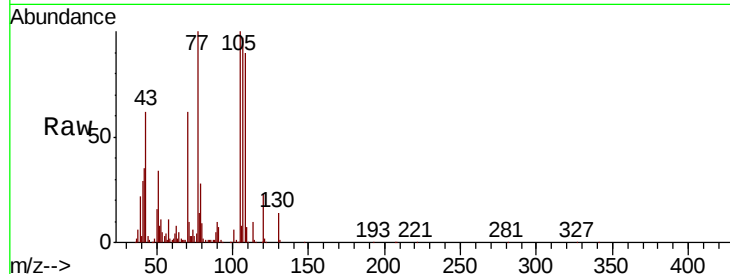
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#18
Hexachloroethane
Concen: 39.972 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	76.6	114.8	
201	93.9	75.0	112.4	





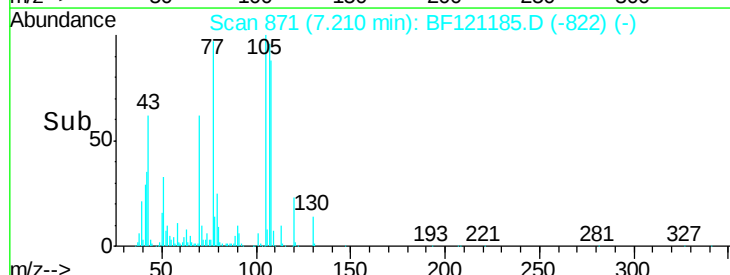
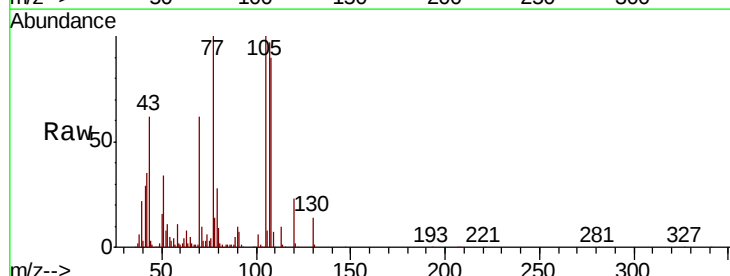
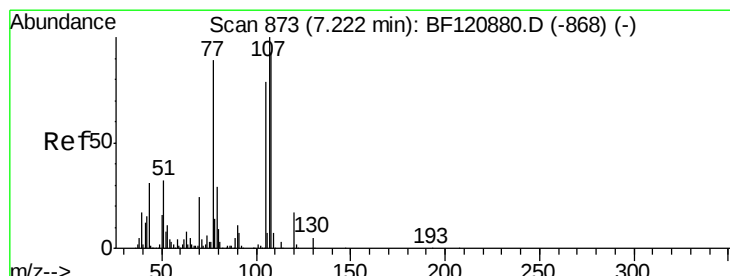
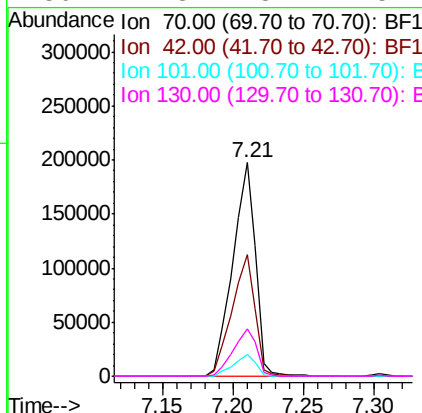
#19
n-Nitroso-di-n-propylamine
Concen: 36.809 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ion	Ratio	Lower	Upper
221256	70	100		
	42	57.2	43.3	64.9
	101	10.0	8.4	12.6
	130	22.3	18.7	28.1

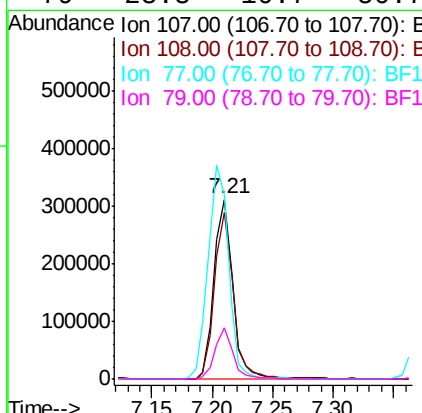
Manual Integrations
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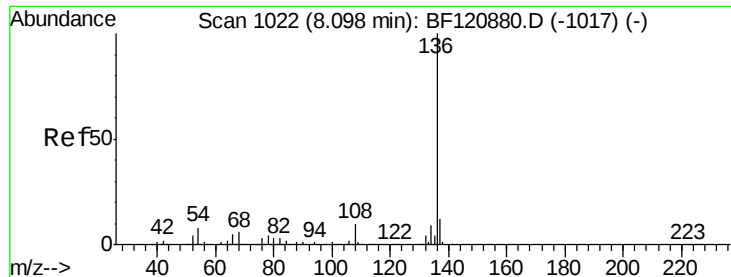
mohammad
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#20
3+4-Methylphenols
Concen: 32.992 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ion	Ratio	Lower	Upper
335343	107	100		
	108	92.9	73.7	113.7
	77	102.3	84.9	124.9
	79	28.8	10.7	50.7





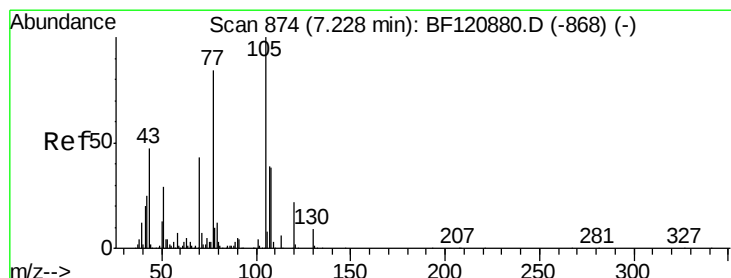
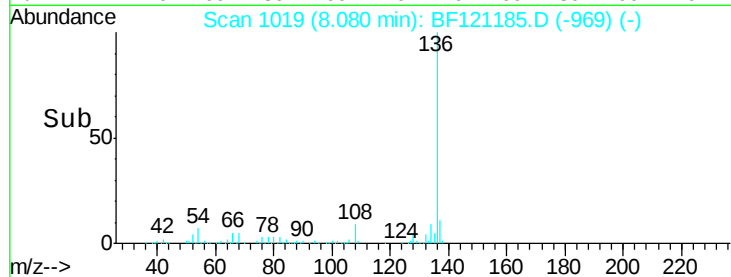
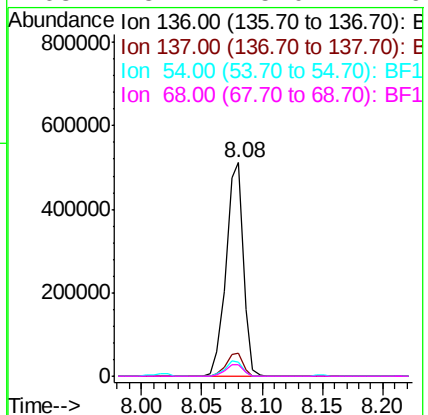
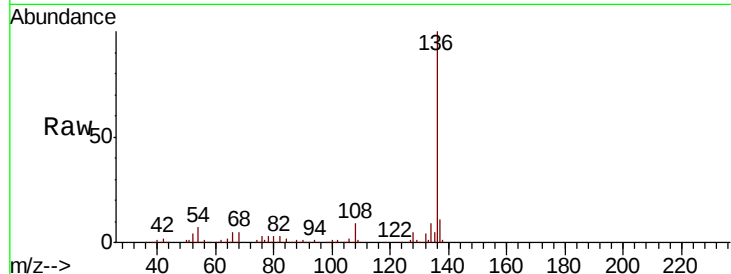
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.0	13.4	
54	6.6	6.1	9.1	
68	5.4	5.0	7.6	

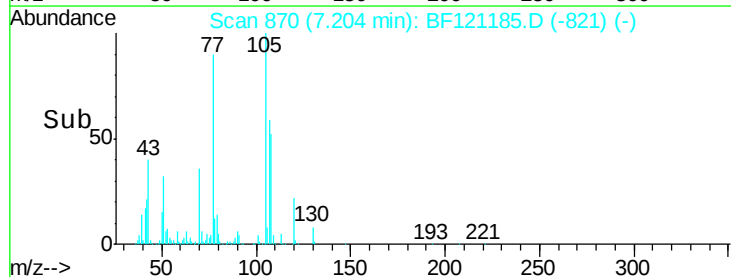
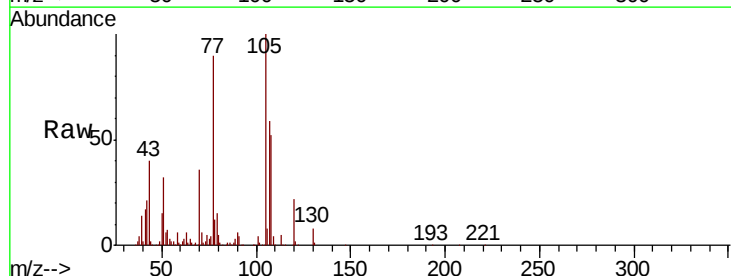
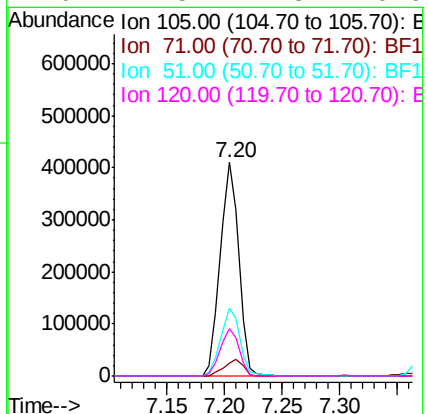
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#22
Acetophenone
Concen: 40.469 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	3.8	5.8#	
51	31.6	28.0	42.0	
120	22.5	17.8	26.6	





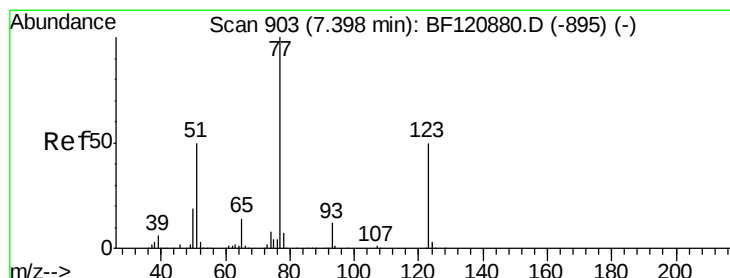
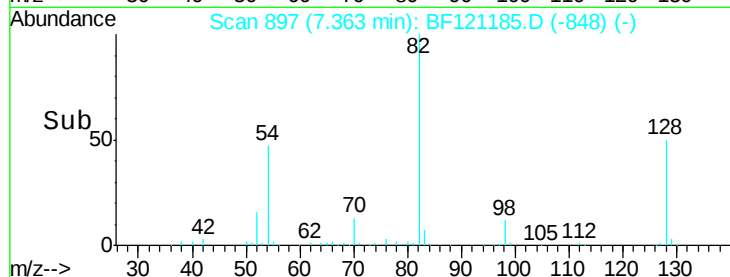
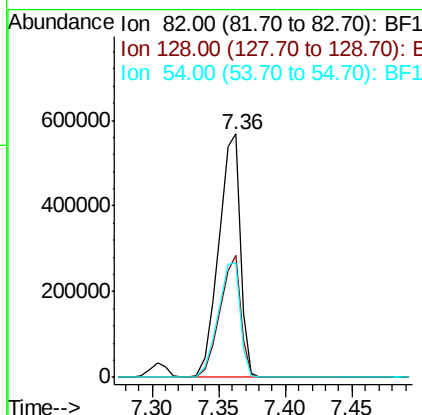
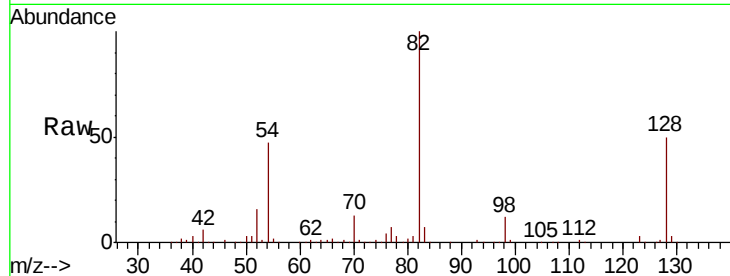
#23
Nitrobenzene-d5
Concen: 74.444 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	653395		
128	50.1		39.2	58.8
54	46.7		37.8	56.8

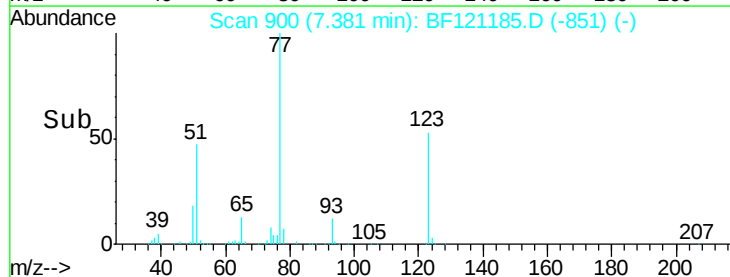
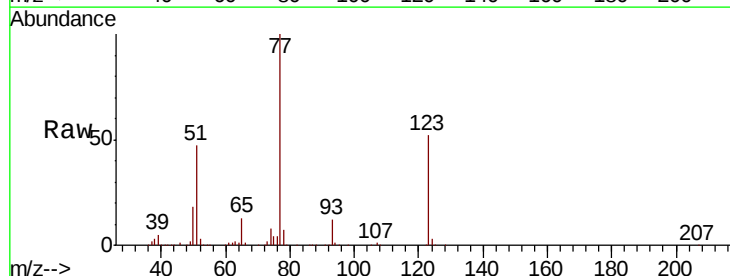
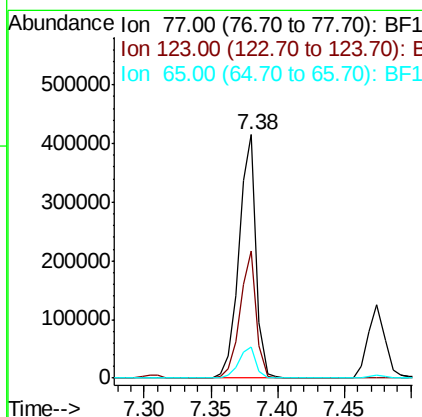
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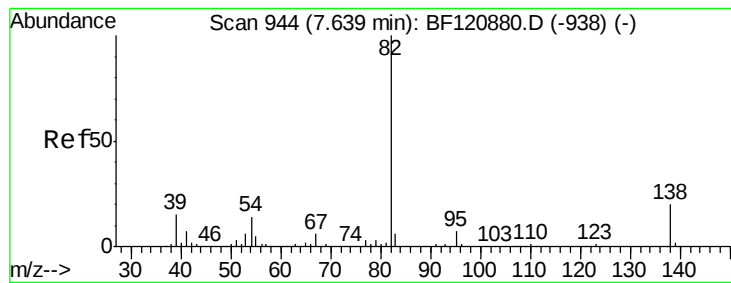
mohammad
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#24
Nitrobenzene
Concen: 38.917 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	368153		
123	52.1		41.0	61.6
65	12.9		10.3	15.5





#25

Isophorone

Concen: 37.992 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

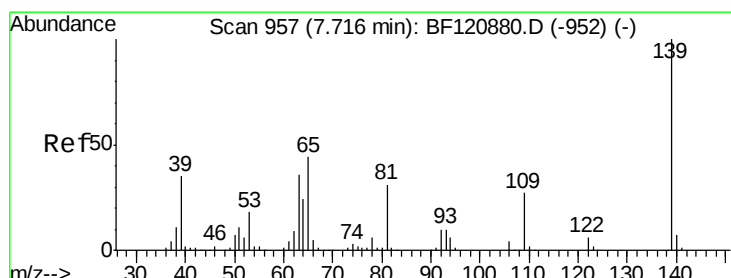
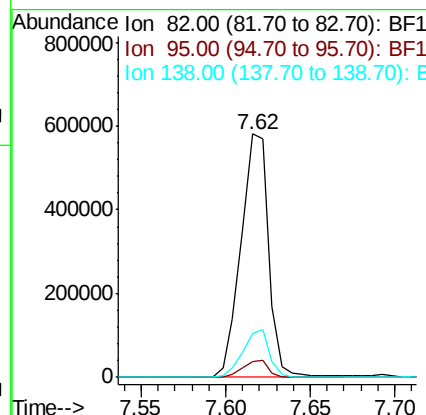
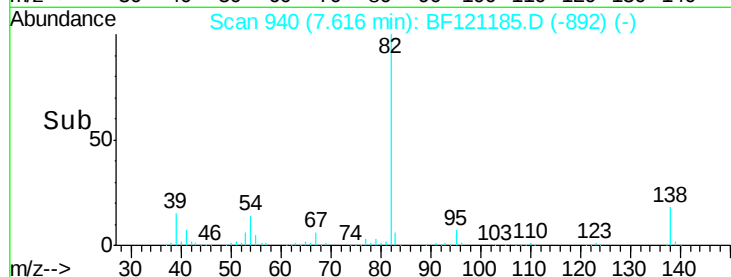
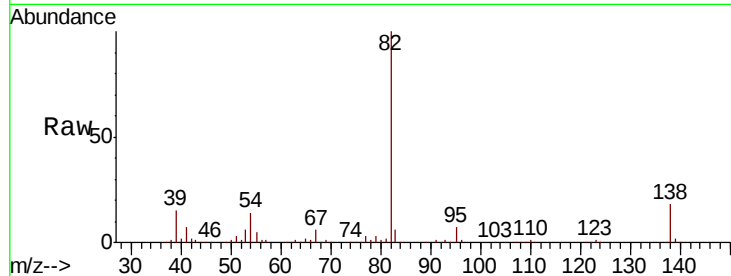
ClientSampleId :

PB130683BS

Tot Ion:	82	Resp:	665506
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.5	8.3
138	18.2	16.2	24.2

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#26

2-Nitrophenol

Concen: 44.345 ng

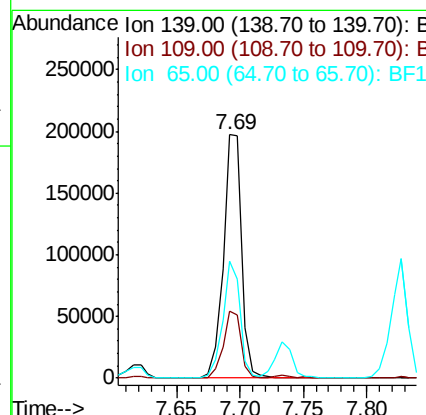
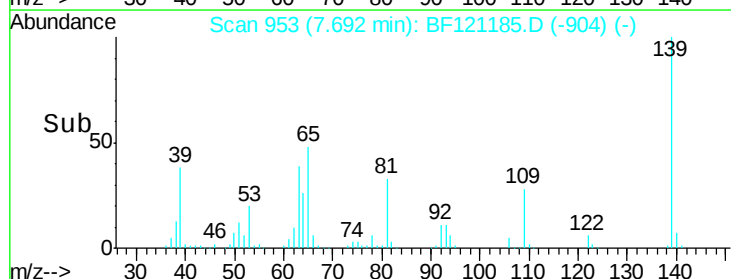
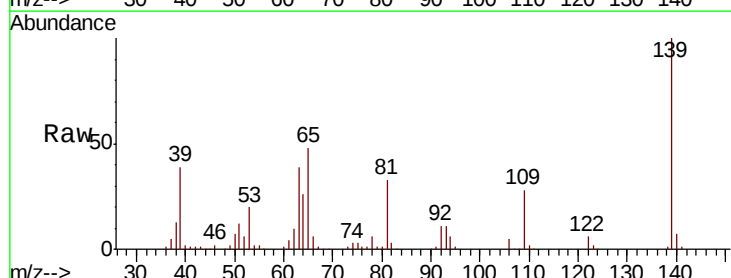
RT: 7.69 min Scan# 953

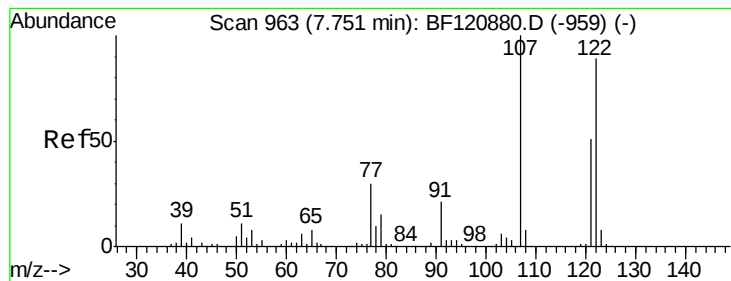
Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Tgt Ion:	139	Resp:	199234
Ion Ratio	Lower	Upper	
139	100		
109	27.7	21.7	32.5
65	48.0	36.3	54.5





#27

2,4-Dimethylphenol

Concen: 43.269 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

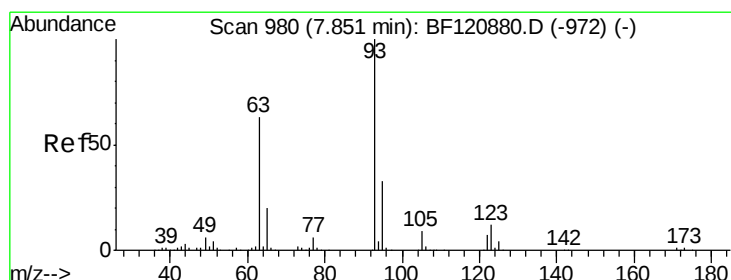
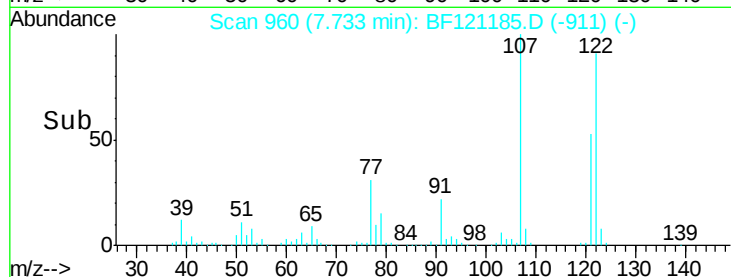
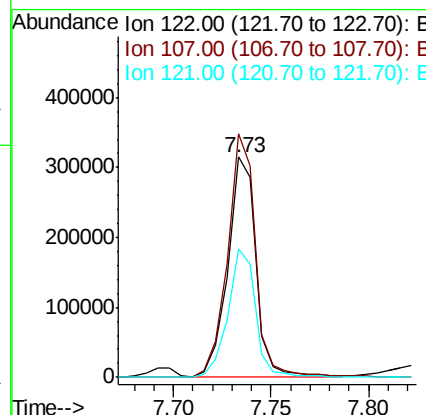
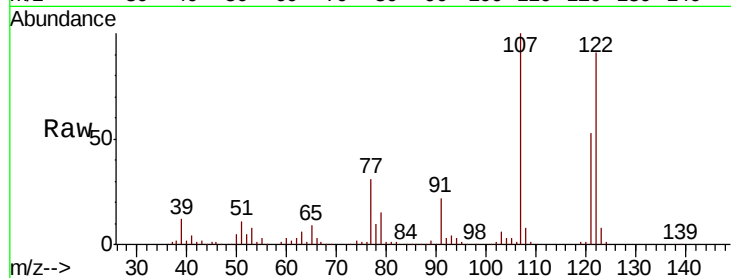
ClientSampleId :

PB130683BS

Tot Ion:	122	Resp:	315624
Ion Ratio	Lower	Upper	
122	100		
107	110.4	87.1	130.7
121	58.1	45.5	68.3

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#28

bis(2-Chloroethoxy)methane

Concen: 40.437 ng

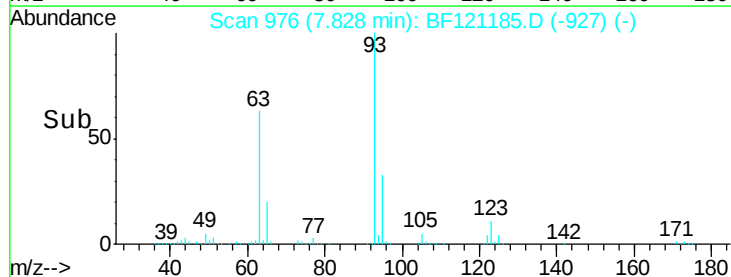
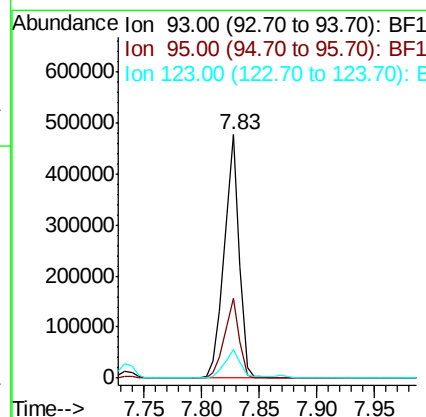
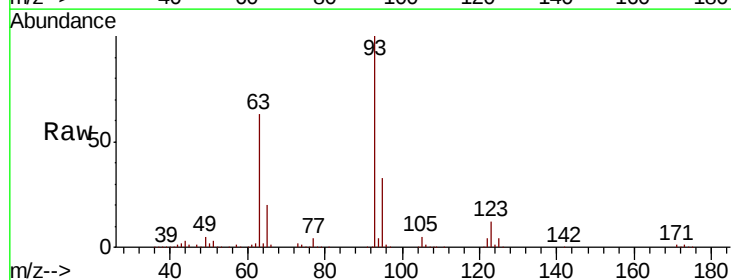
RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Tgt Ion:	93	Resp:	432382
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.2	39.4
123	11.6	9.5	14.3





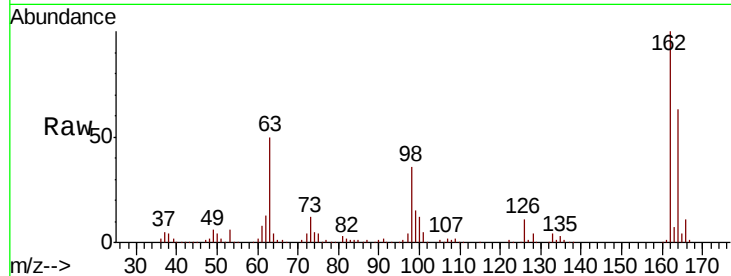
#29
2,4-Dichlorophenol
Concen: 41.003 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	305635		
164	63.1	44.7	84.7	
98	35.7	14.2	54.2	

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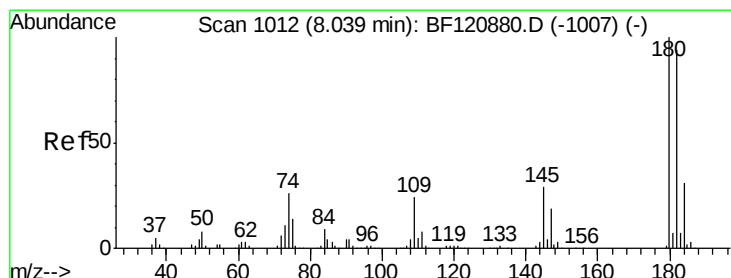
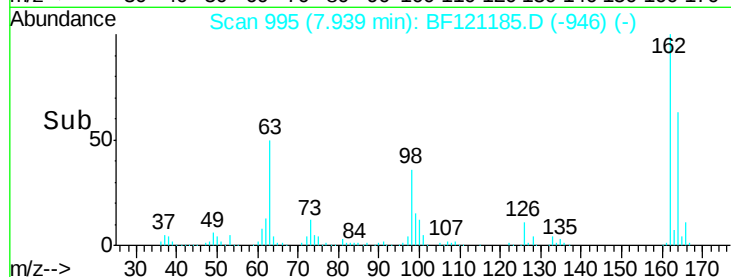
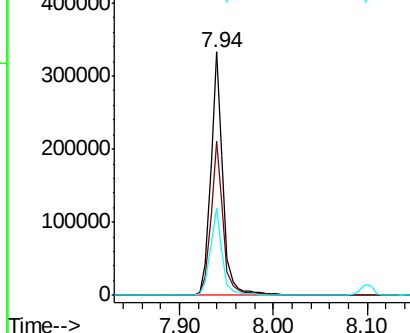


Abundance

Ion 162.00 (161.70 to 162.70): E

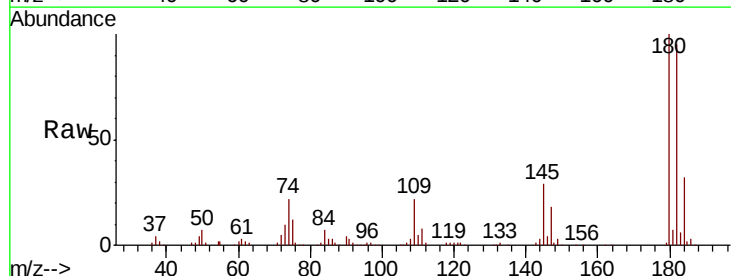
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.823 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	329330		
182	95.4	76.4	114.6	
145	28.9	24.2	36.4	

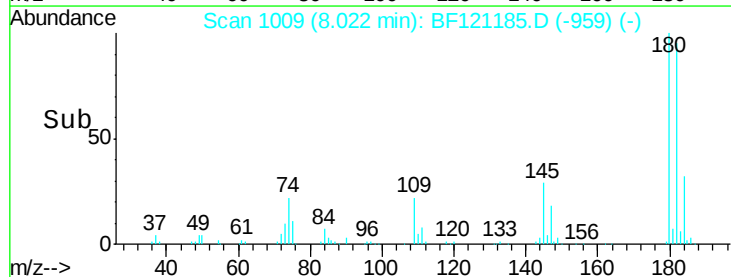
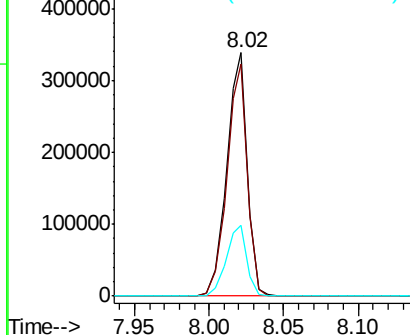


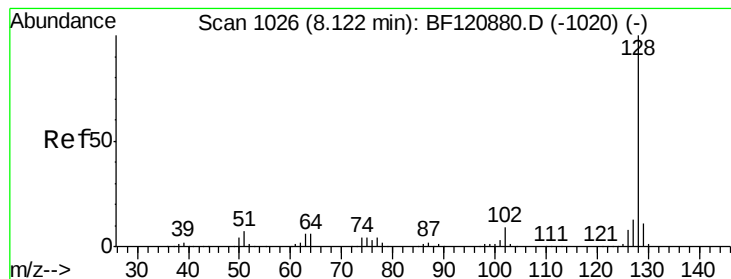
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.905 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

Tot Ion:128 Resp: 1013508

Ion Ratio Lower Upper

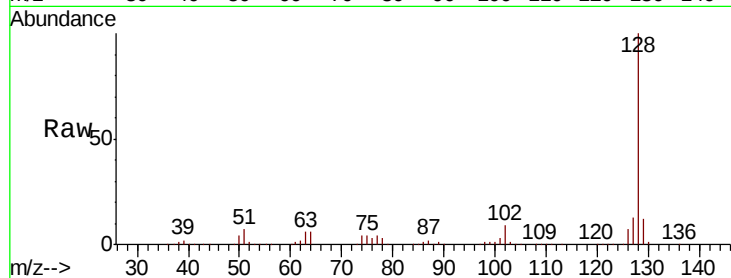
128 100

129 11.5 9.3 13.9

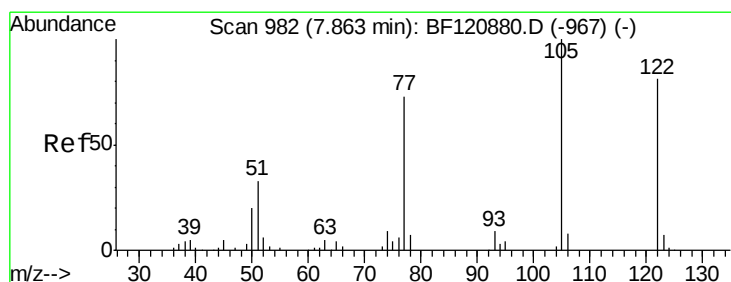
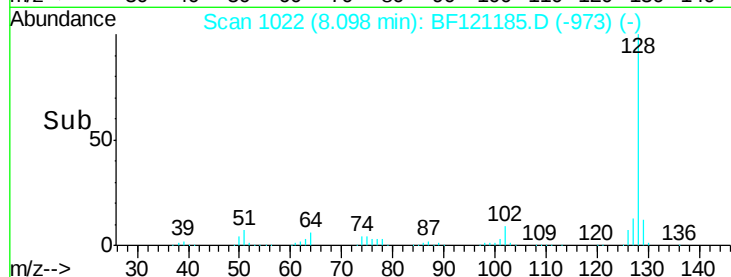
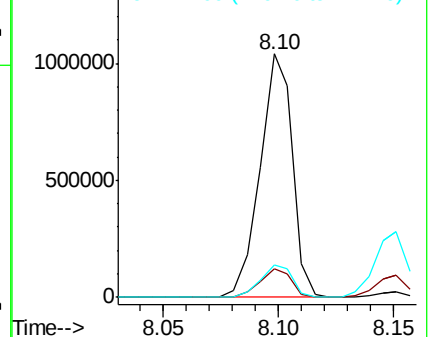
127 13.4 10.8 16.2

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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: 30.257 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

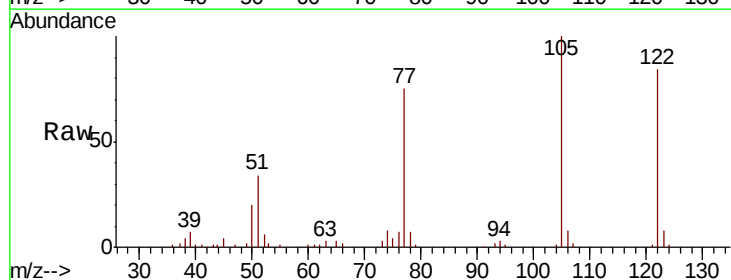
Tgt Ion:122 Resp: 165679

Ion Ratio Lower Upper

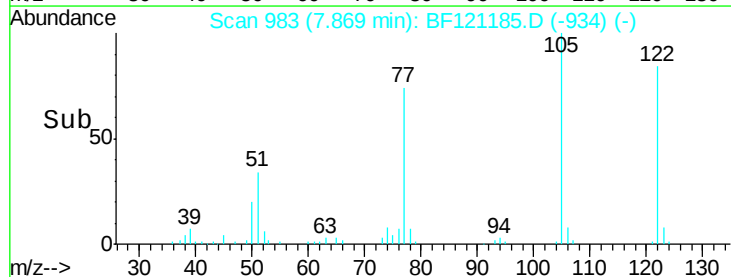
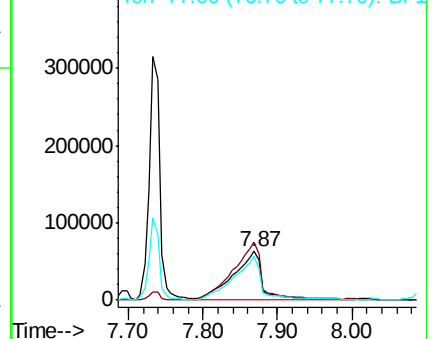
122 100

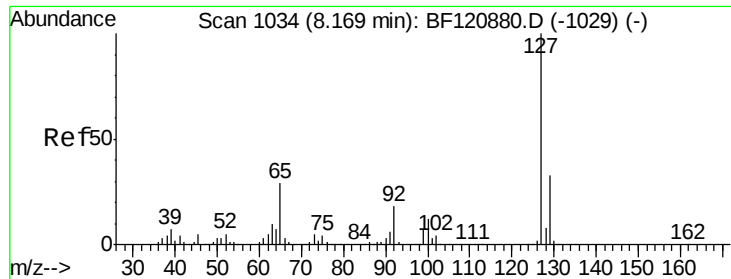
105 119.7 100.9 140.9

77 89.6 67.8 107.8



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





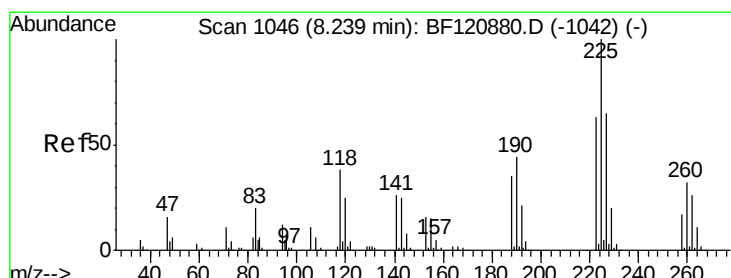
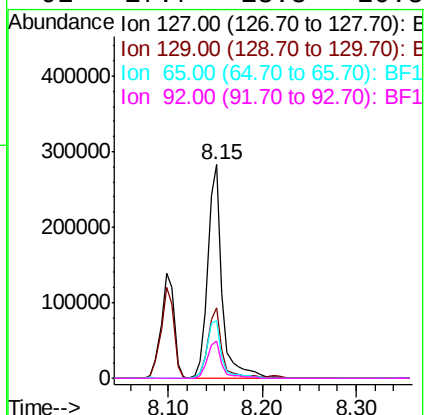
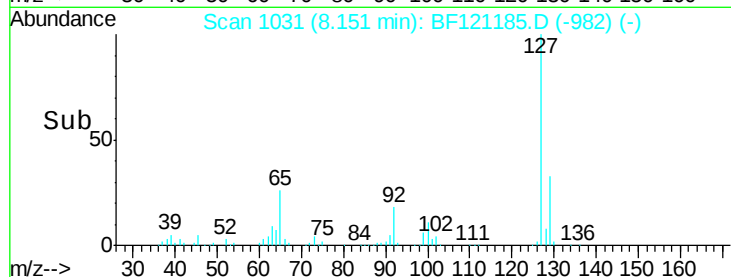
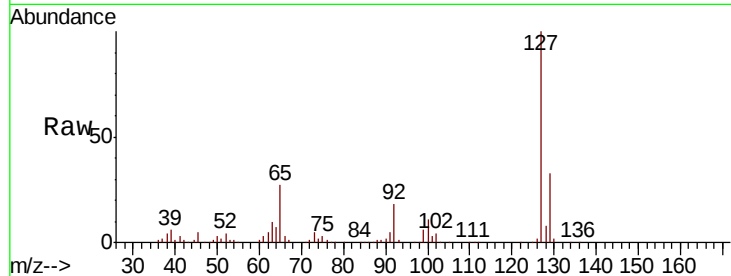
#33
4-Chloroaniline
Concen: 26.227 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.2	39.2	
65	26.9	21.4	32.0	
92	17.7	13.8	20.8	

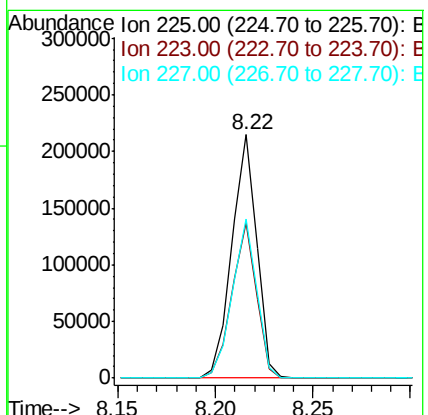
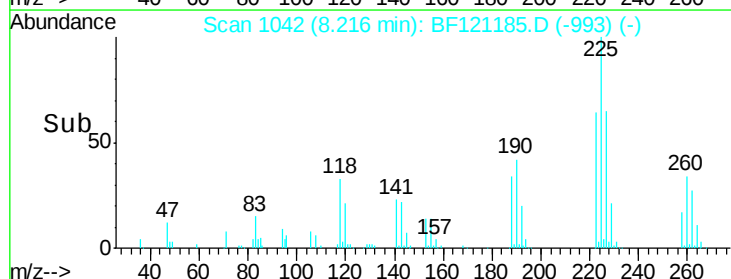
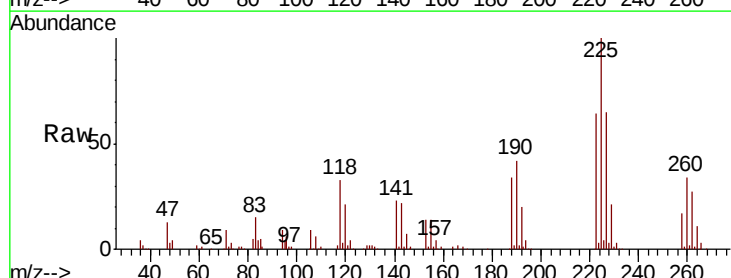
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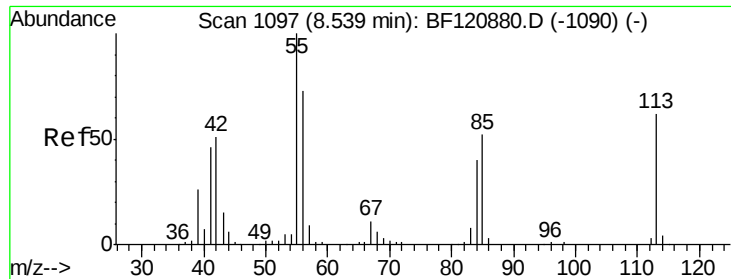
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#34
Hexachlorobutadiene
Concen: 39.055 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	49.7	74.5	
227	65.1	51.4	77.0	





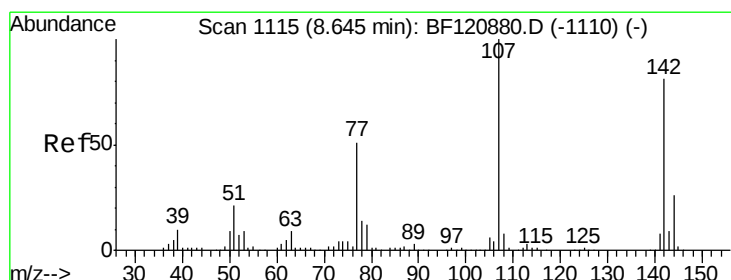
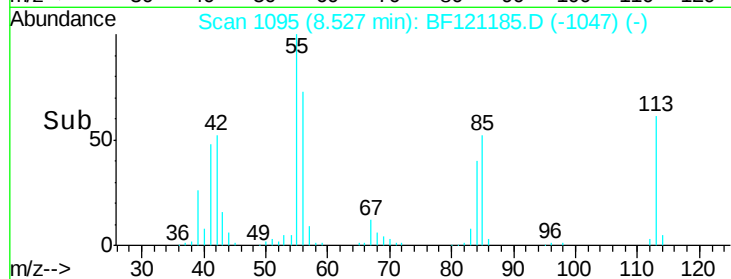
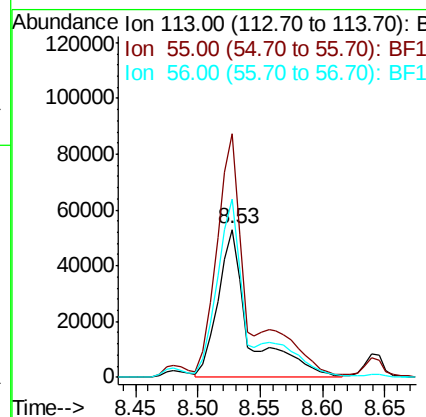
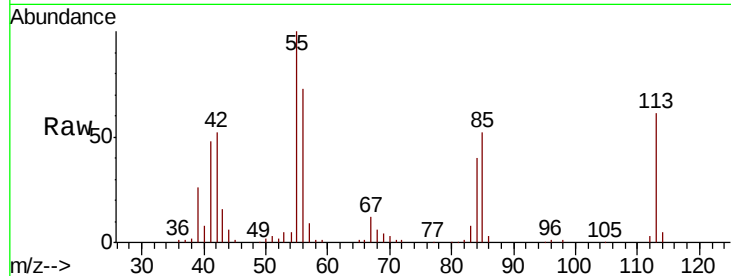
#35
 Caprolactam
 Concen: 38.919 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	164.9		131.0	171.0	
56	120.5		90.4	130.4	

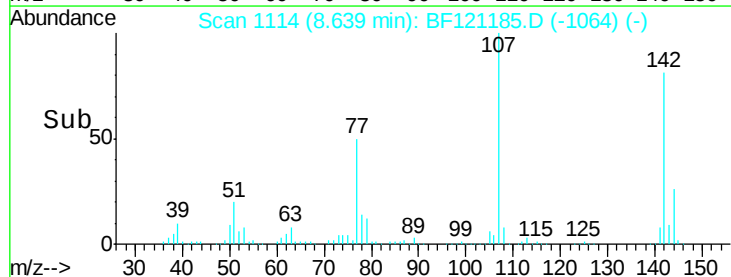
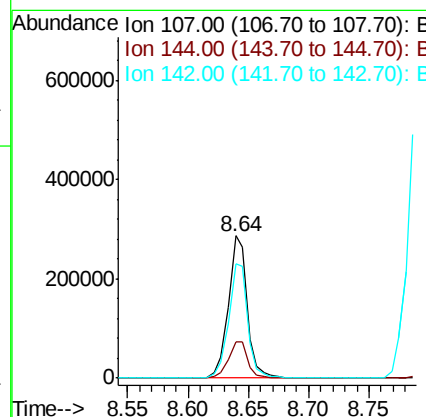
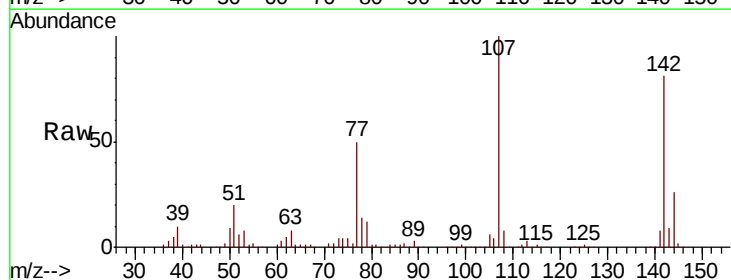
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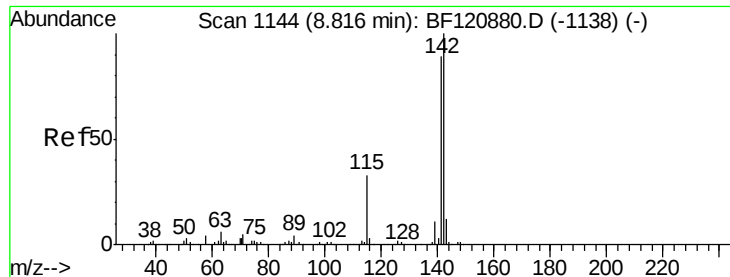
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#36
 4-Chloro-3-methylphenol
 Concen: 40.486 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.9		20.9	31.3	
142	80.5		64.5	96.7	





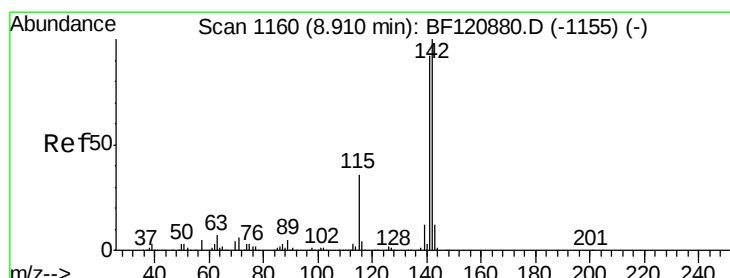
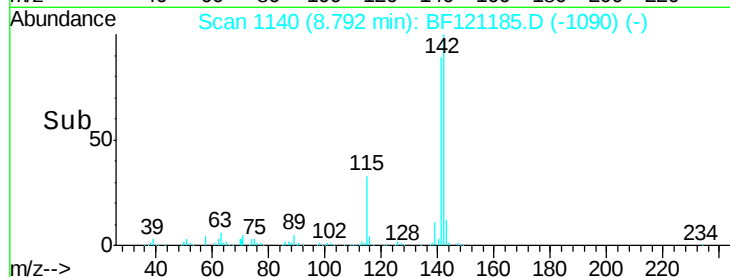
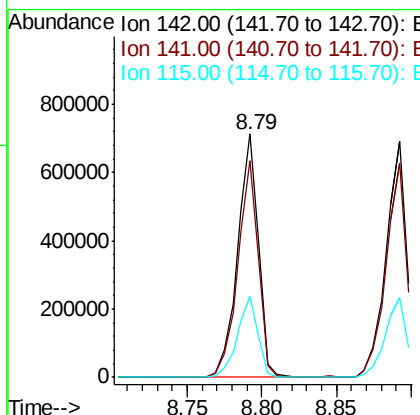
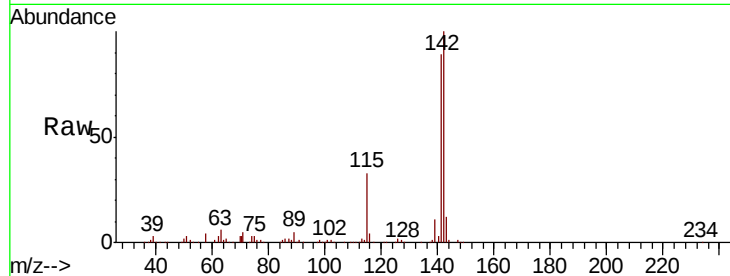
#37
2-Methylnaphthalene
Concen: 40.891 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	691668		
141	89.0	70.6	105.8	
115	33.4	27.1	40.7	

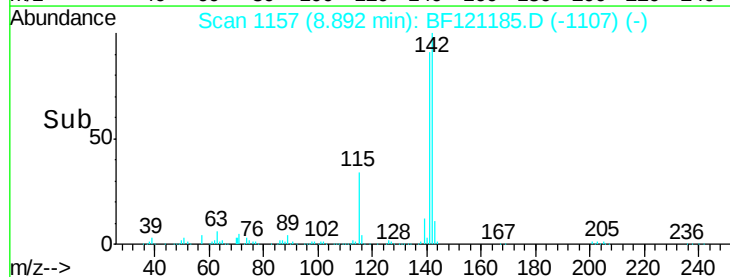
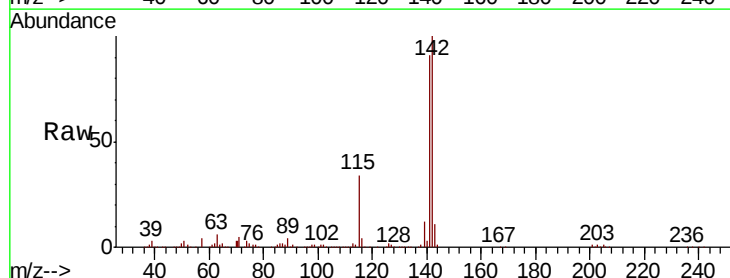
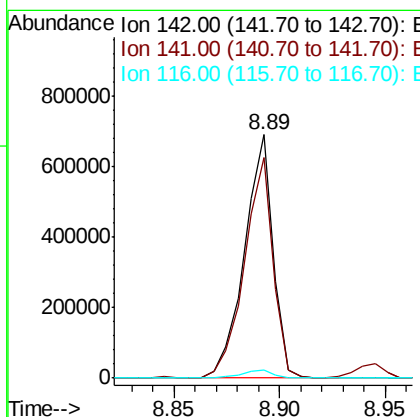
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#38
1-Methylnaphthalene
Concen: 40.441 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	647879		
141	90.8	73.0	109.6	
116	3.5	3.0	4.6	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

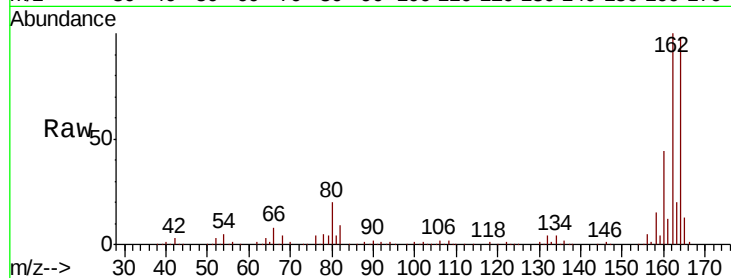
ClientSampleId :

PB130683BS

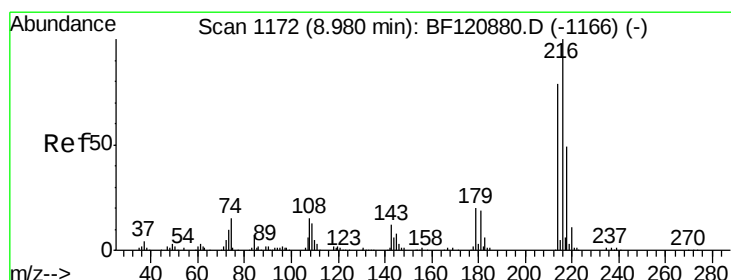
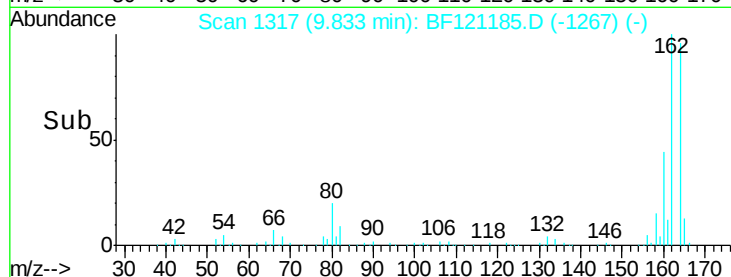
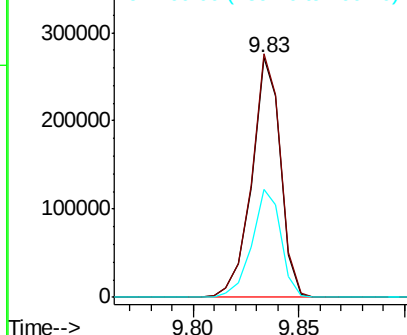
Tot Ion:	164	Resp:	256497
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.2	123.2
160	45.1	37.2	55.8

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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: 42.627 ng

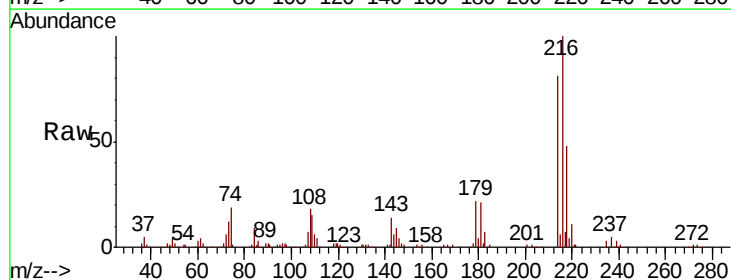
RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

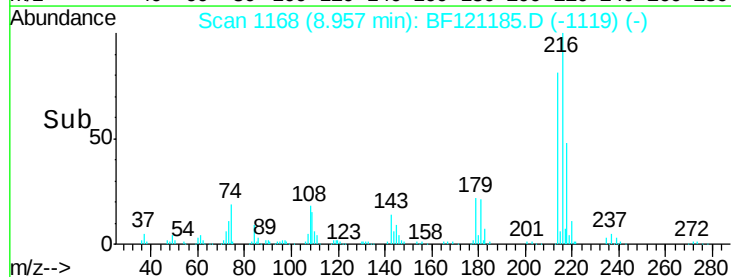
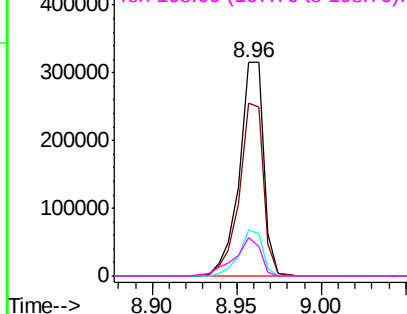
Lab File: BF121185.D

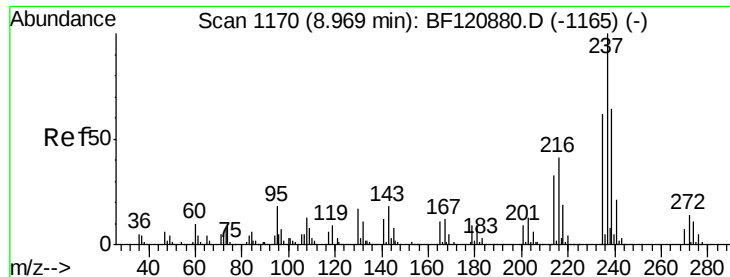
Acq: 5 Aug 2020 10:29

Tgt Ion:	216	Resp:	318559
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.9	95.9
179	20.7	16.6	24.8
108	19.6	15.0	22.4



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





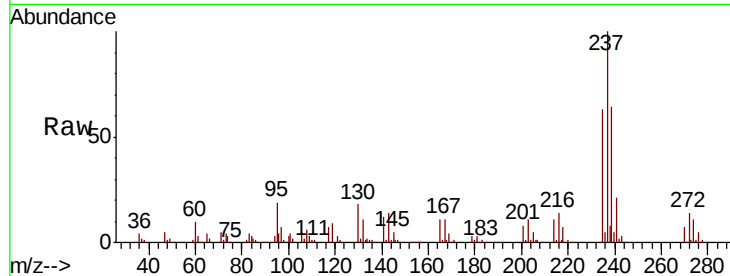
#41
Hexachlorocyclopentadiene
Concen: 77.187 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

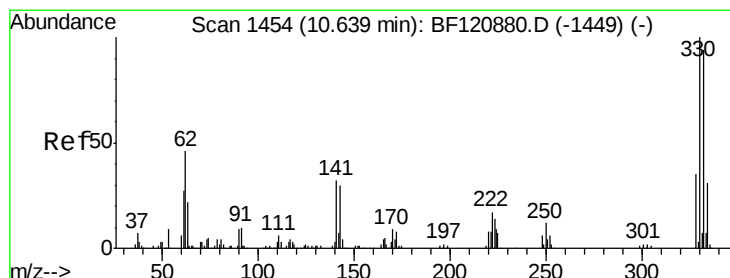
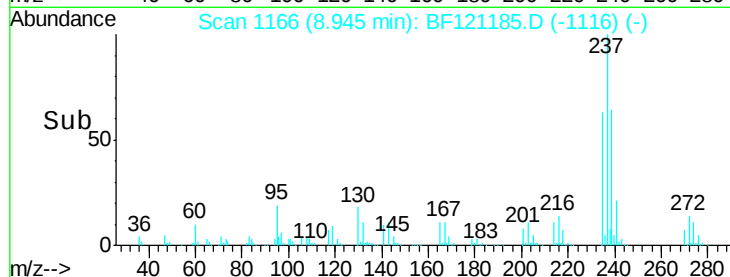
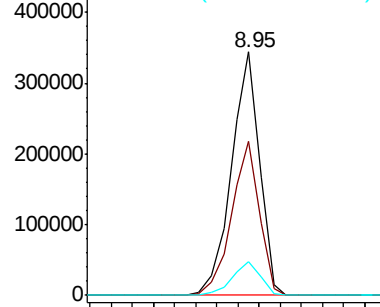
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	43.2	83.2
272	14.0	0.0	33.6

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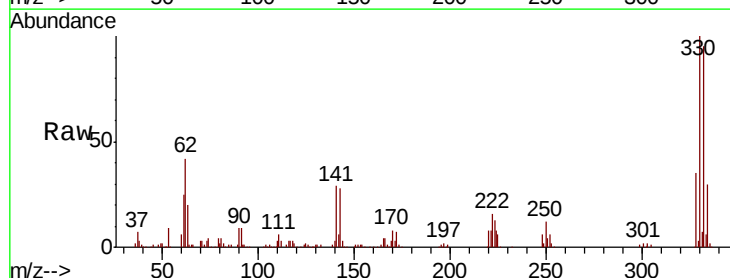


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

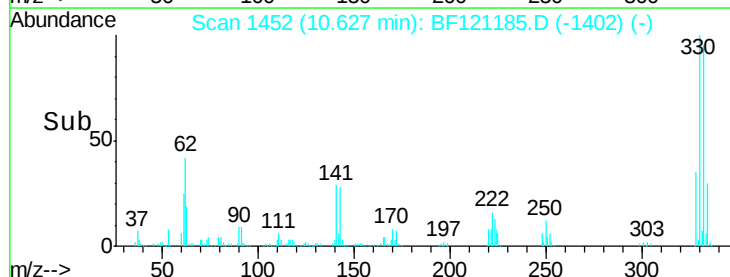
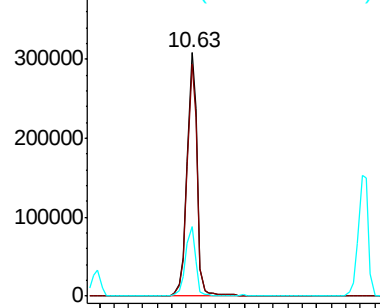


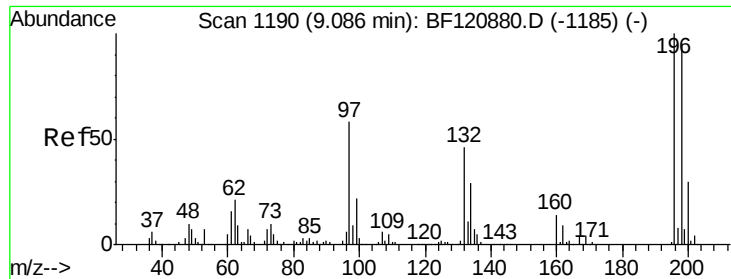
#42
2,4,6-Tribromophenol
Concen: 107.818 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.8	76.1	114.1
141	28.7	24.1	36.1



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





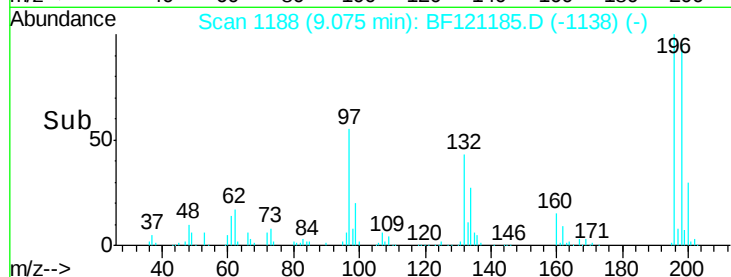
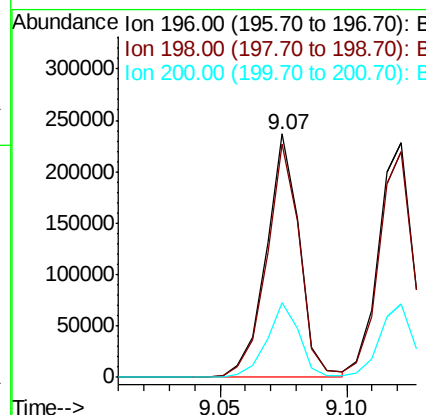
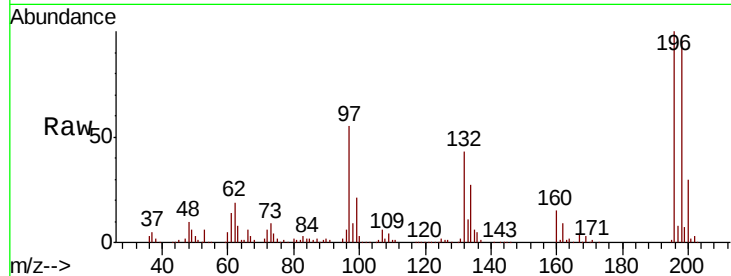
#43
 2,4,6-Trichlorophenol
 Concen: 41.338 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217514		
198	95.9	77.5	116.3	
200	30.5	24.6	37.0	

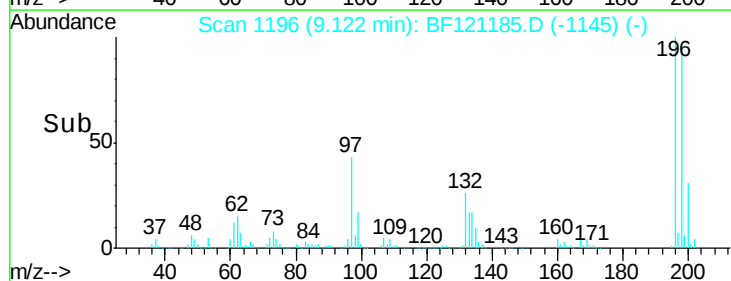
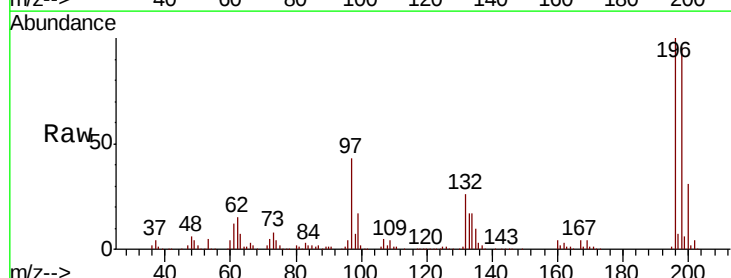
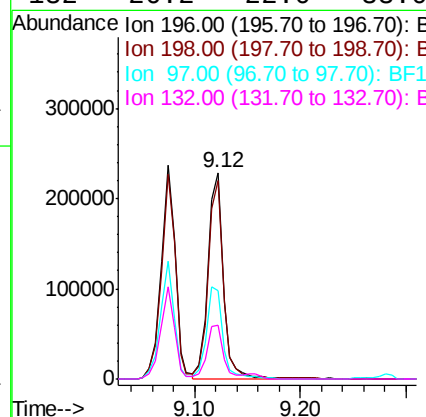
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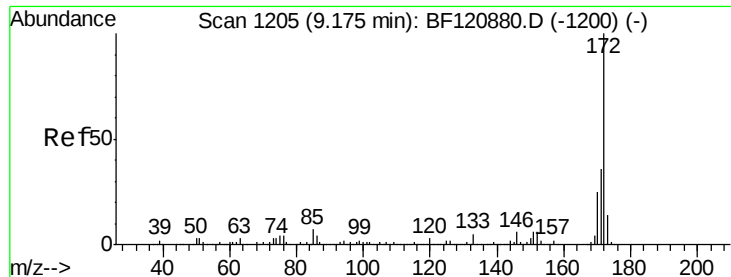
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#44
 2,4,5-Trichlorophenol
 Concen: 38.376 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	229054		
198	96.1	76.2	114.4	
97	42.5	37.3	55.9	
132	26.2	22.0	33.0	





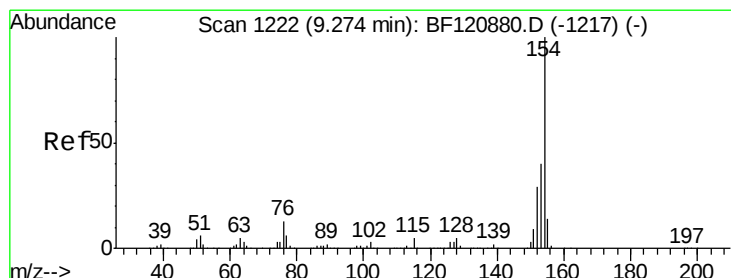
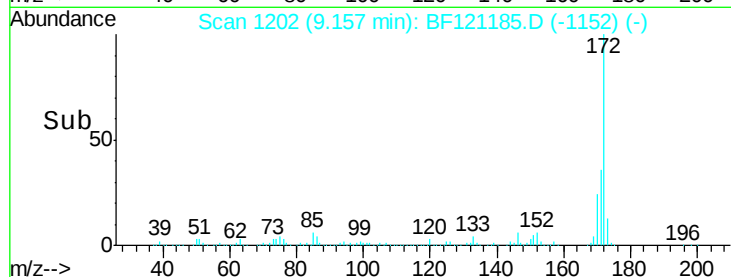
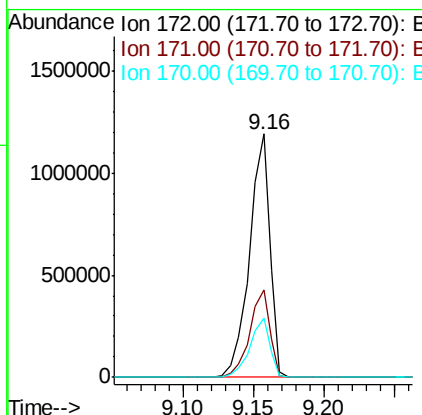
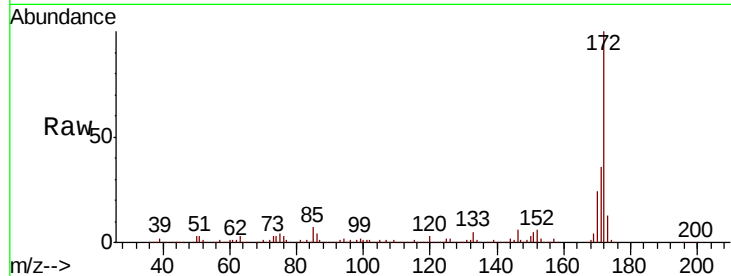
#45
 2-Fluorobiphenyl
 Concen: 70.454 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.2	19.6	29.4

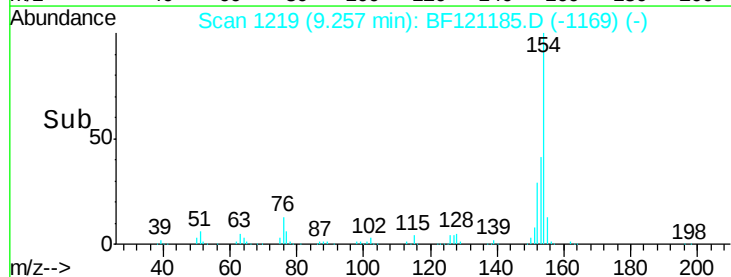
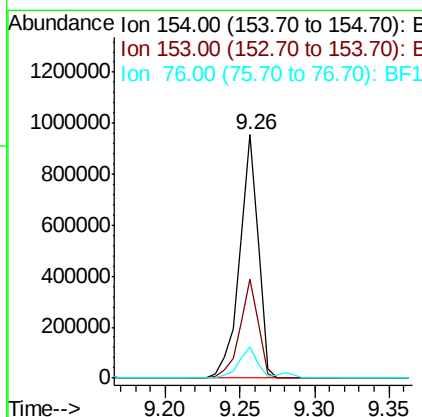
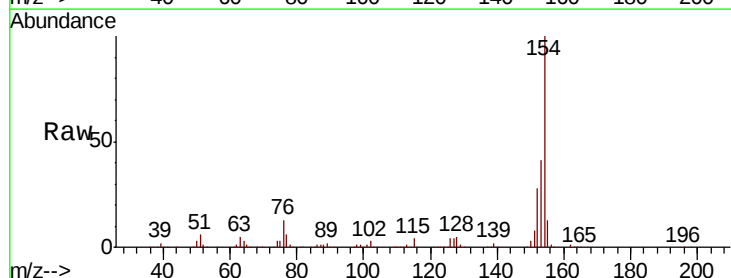
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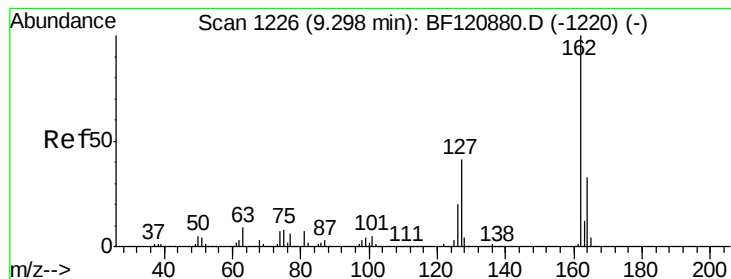
mohammad
 8/6/2020 1:20:55 PM



#46
 1,1'-Biphenyl
 Concen: 42.333 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	12.6	0.0	33.4





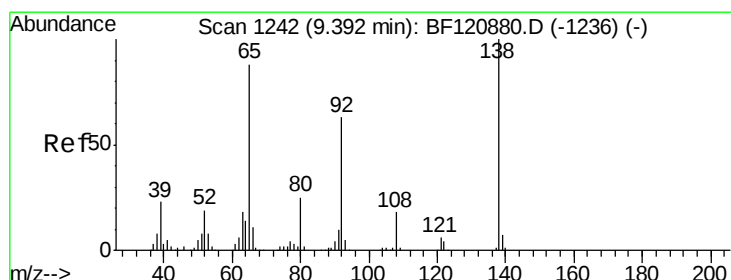
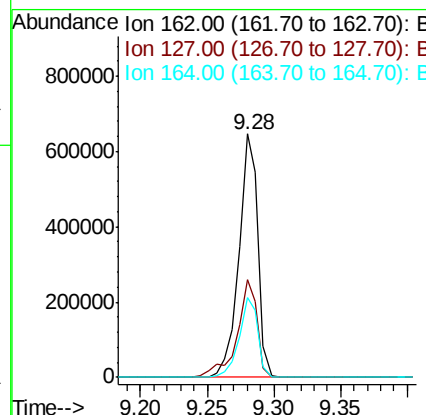
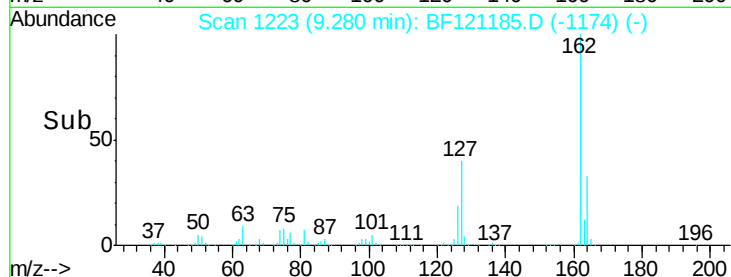
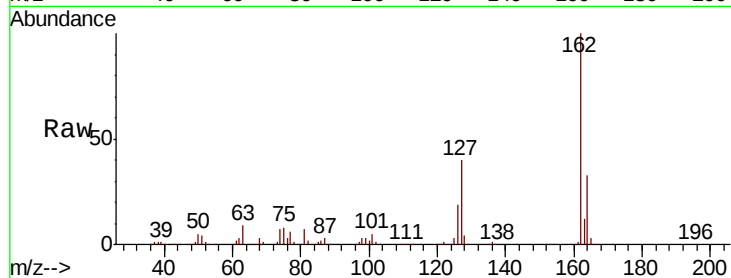
#47
 2-Chloronaphthalene
 Concen: 40.213 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.0		31.1	46.7	
164	32.6		26.6	40.0	

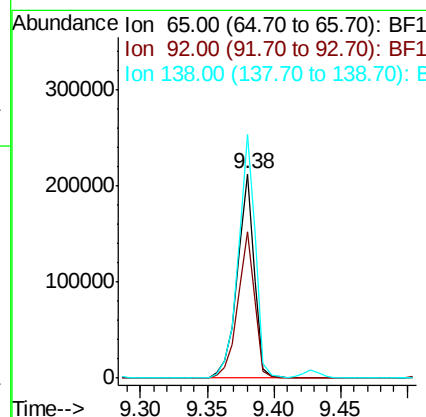
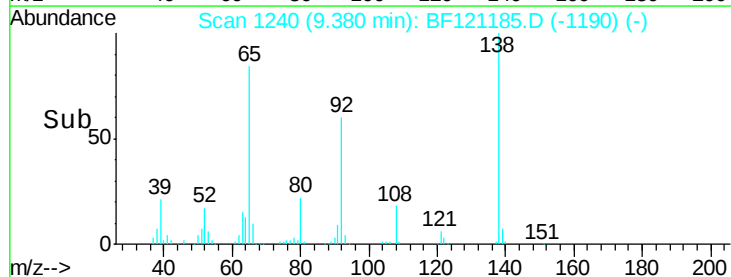
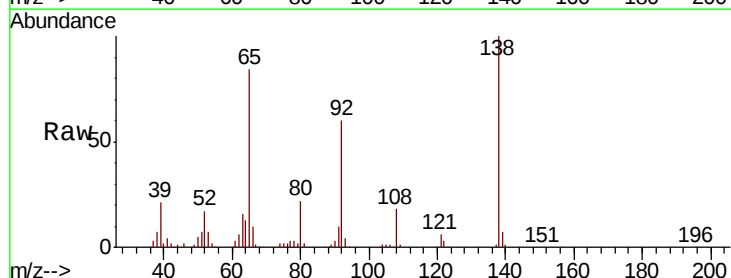
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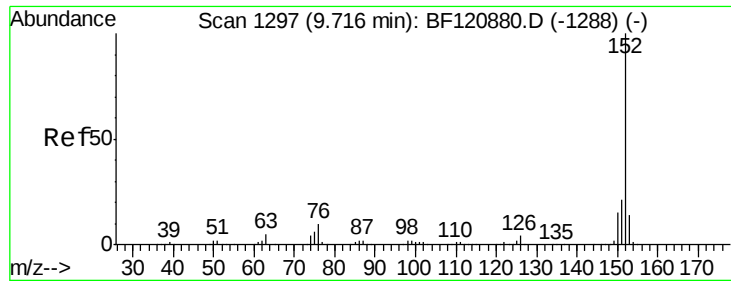
mohammad
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#48
 2-Nitroaniline
 Concen: 39.792 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.7		58.0	87.0	
138	119.3		93.3	139.9	





#49

Acenaphthylene

Concen: 40.890 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

Tot Ion:152 Resp: 1013319

Ion Ratio Lower Upper

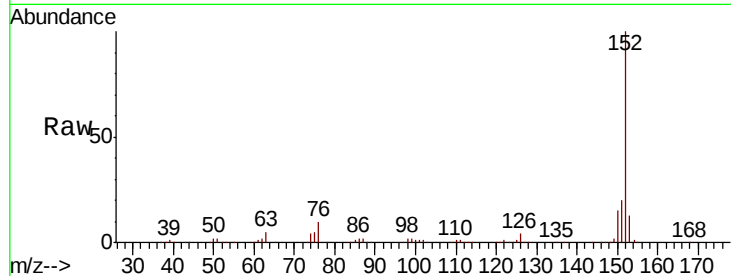
152 100

151 20.4 16.6 25.0

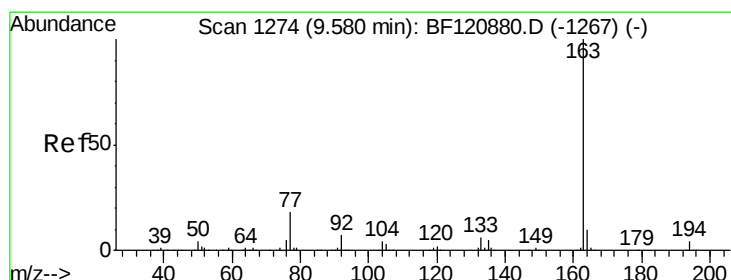
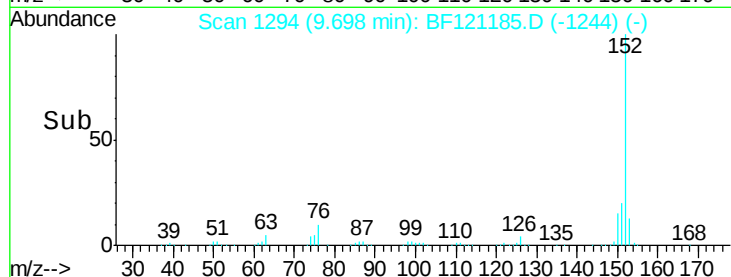
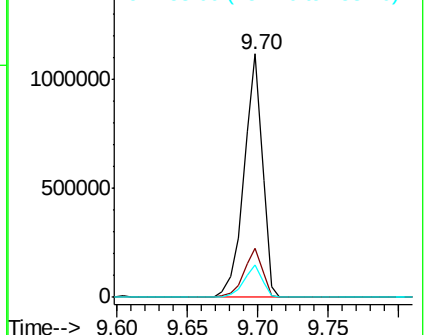
153 13.4 11.0 16.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.733 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

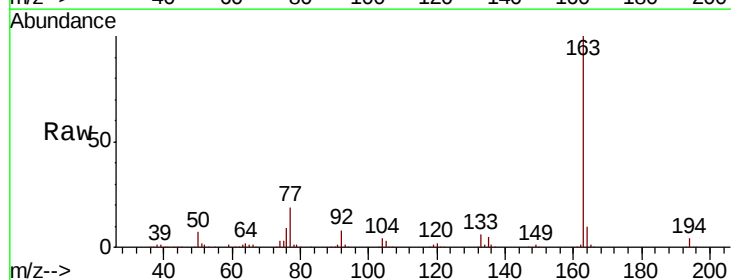
Tgt Ion:163 Resp: 753756

Ion Ratio Lower Upper

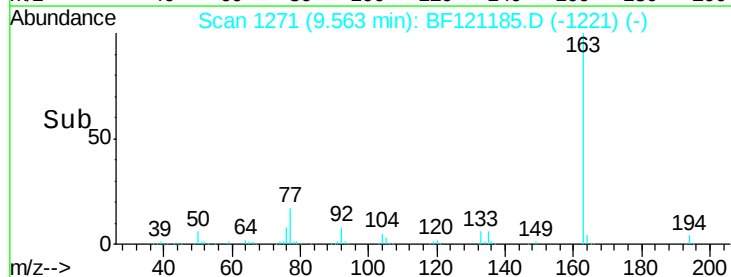
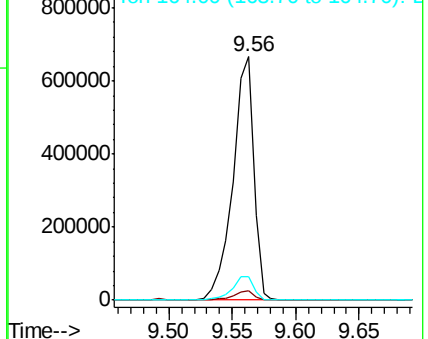
163 100

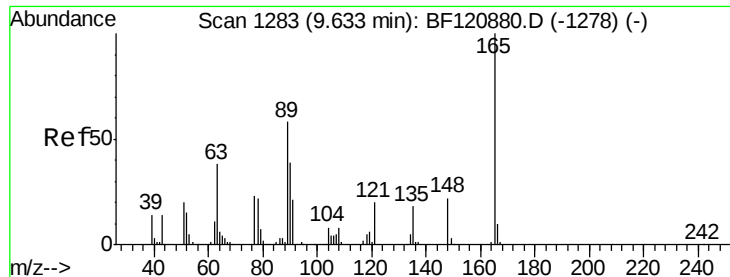
194 3.9 3.0 4.4

164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.943 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

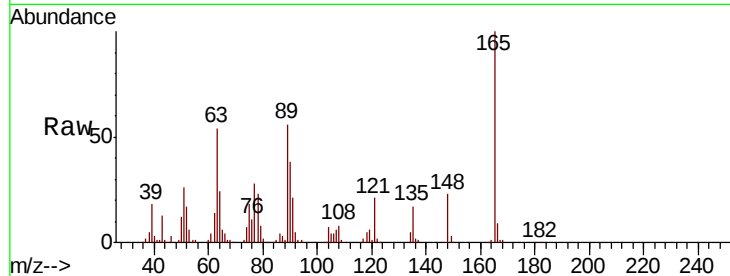
ClientSampleId :

PB130683BS

Tot Ion:	165	Resp:	166745
Ion Ratio	Lower	Upper	
165	100		
63	53.6	41.1	61.7
89	55.7	43.5	65.3

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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

250000

200000

150000

100000

50000

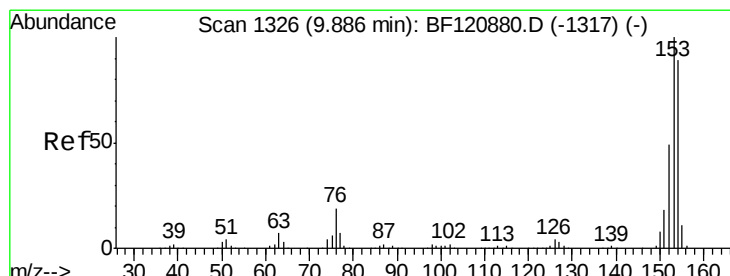
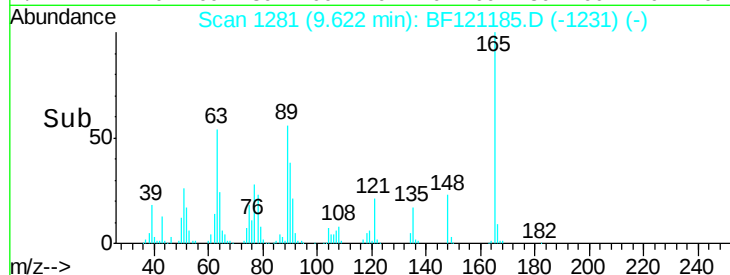
0

9.60

9.62

9.65

Time-->



#52

Acenaphthene

Concen: 36.806 ng

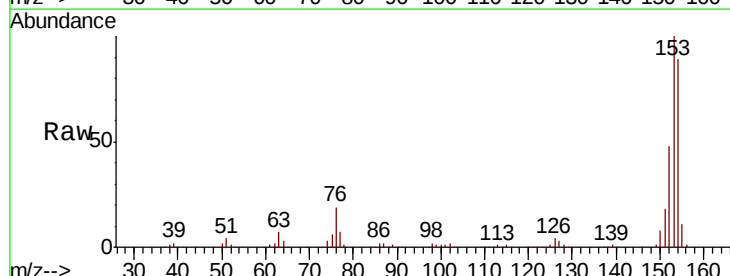
RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Tgt Ion:	154	Resp:	579903
Ion Ratio	Lower	Upper	
154	100		
153	112.0	89.6	134.4
152	53.9	43.8	65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

1000000

800000

600000

400000

200000

0

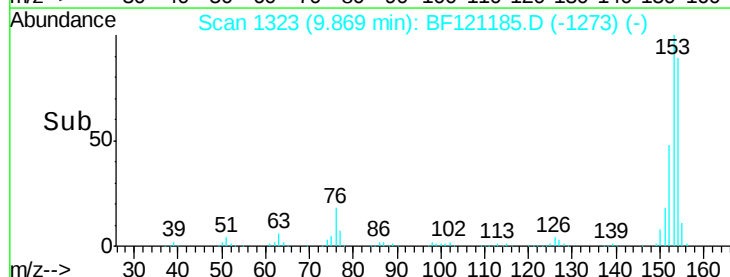
9.80

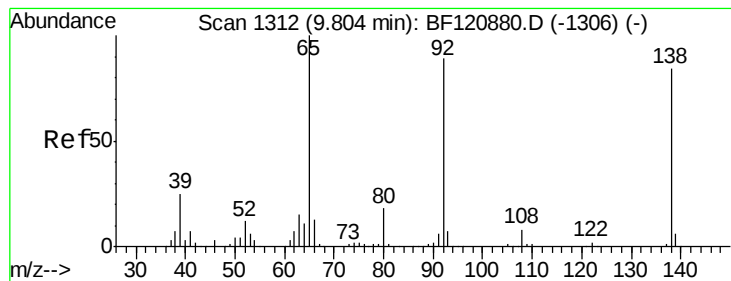
9.85

9.87

9.90

Time-->





#53

3-Nitroaniline

Concen: 25.635 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

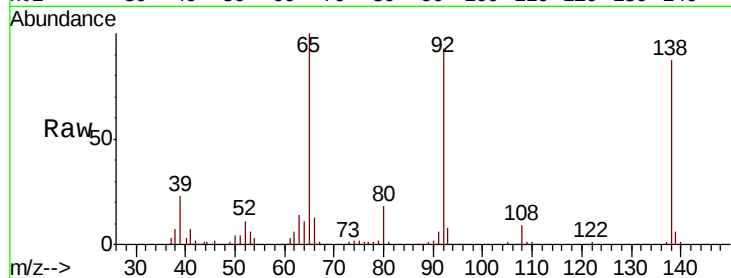
ClientSampleId :

PB130683BS

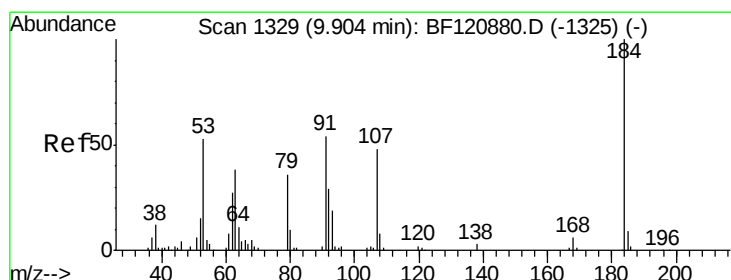
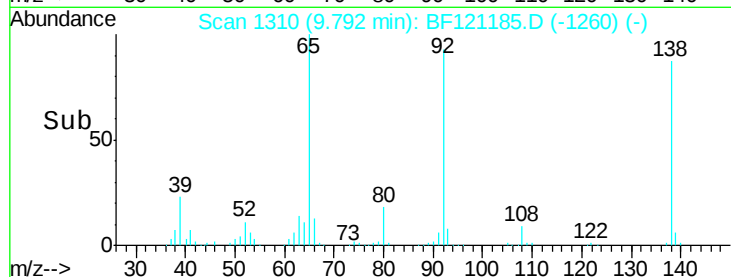
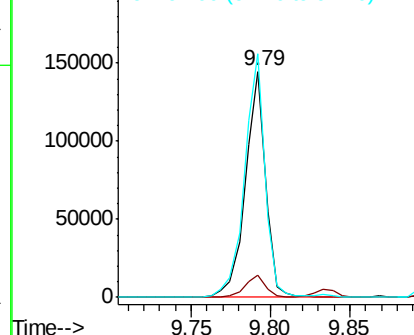
Tot Ion:	138	Resp:	127818
Ion Ratio	Lower	Upper	
138	100		
108	9.9	7.8	11.8
92	107.6	85.0	127.4

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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: 71.852 ng

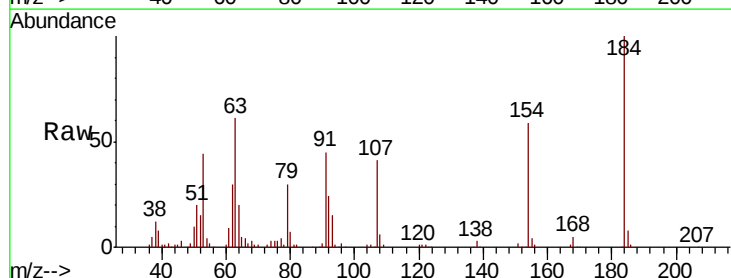
RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

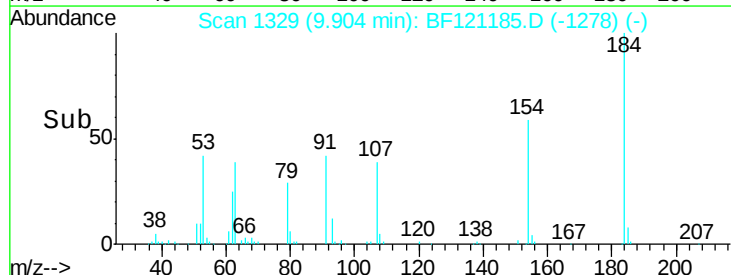
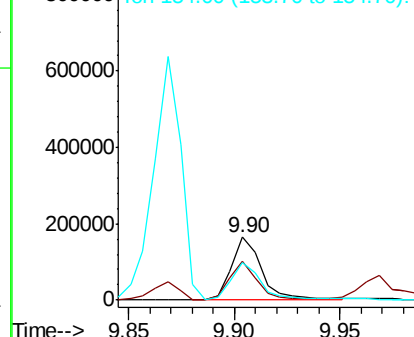
Lab File: BF121185.D

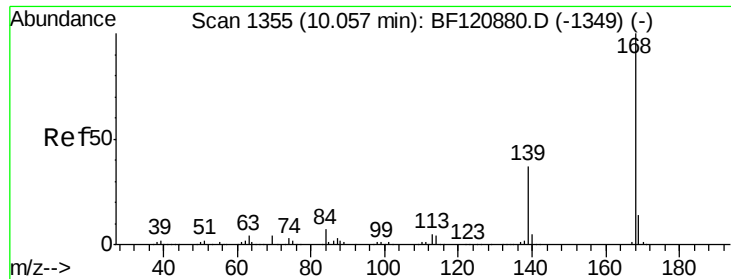
Acq: 5 Aug 2020 10:29

Tgt Ion:	184	Resp:	162681
Ion Ratio	Lower	Upper	
184	100		
63	61.5	42.5	63.7
154	59.1	46.8	70.2



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





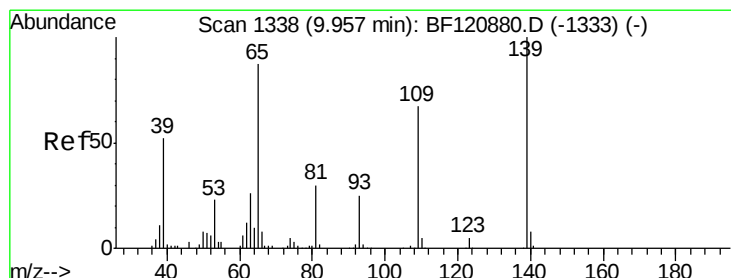
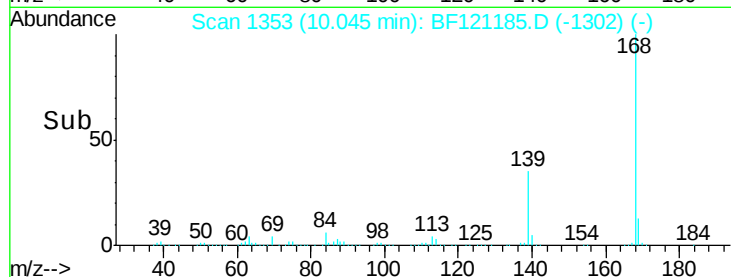
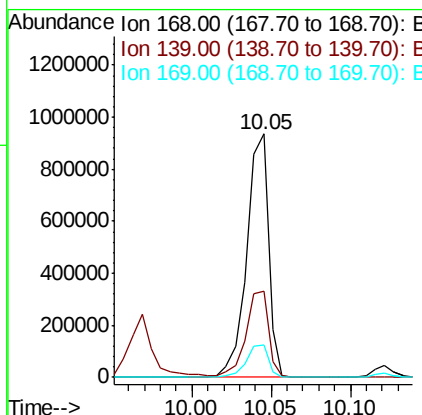
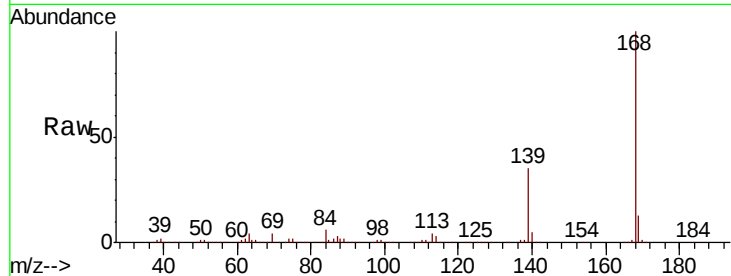
#55
Dibenzofuran
Concen: 39.110 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	13.3	11.3	16.9

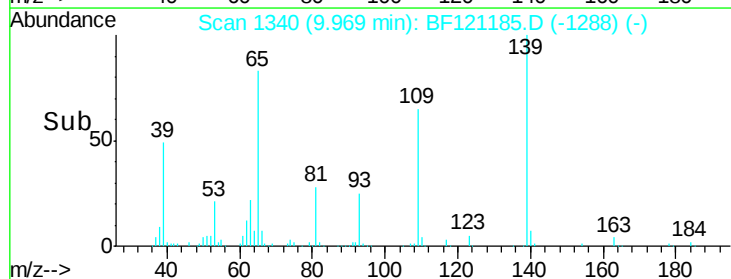
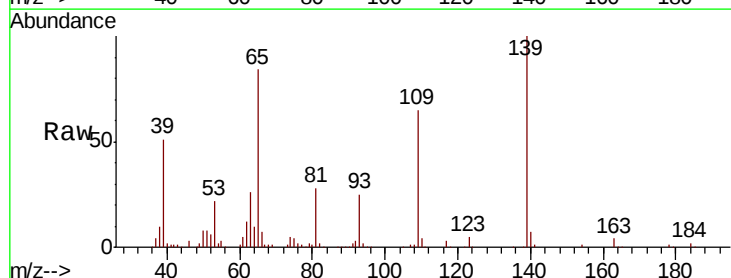
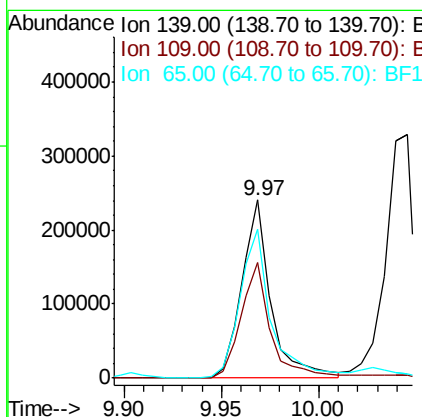
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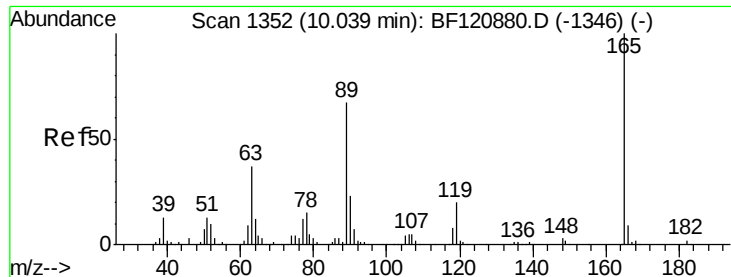
mohammad
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#56
4-Nitrophenol
Concen: 65.789 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	44.8	84.8
65	83.6	65.6	105.6





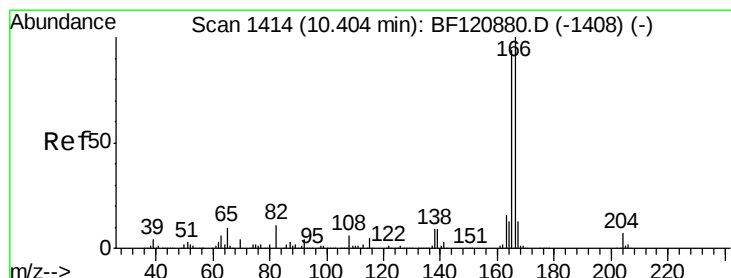
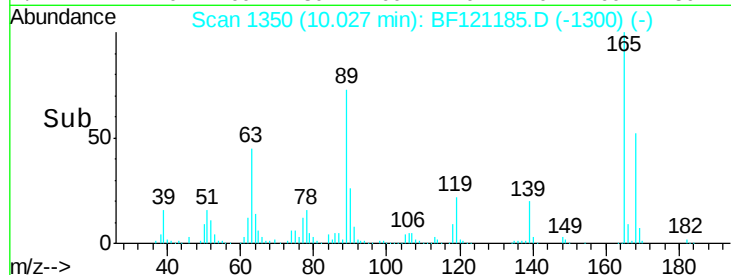
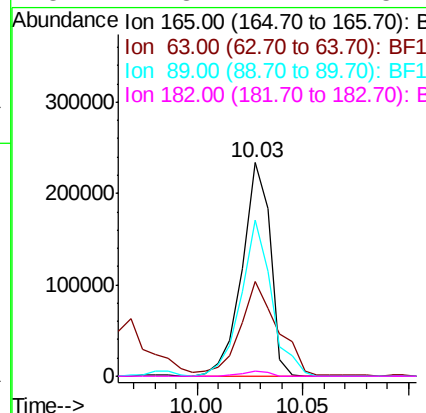
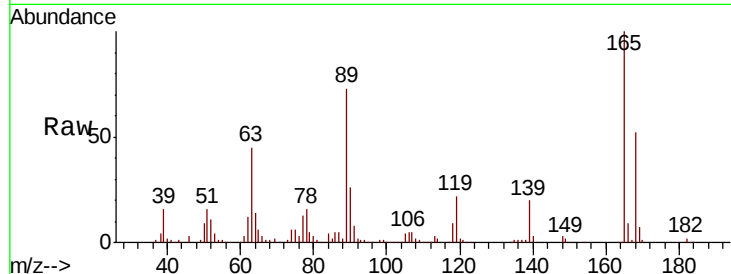
#57
2,4-Dinitrotoluene
Concen: 41.332 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.6	29.8	44.8	
89	73.2	50.3	75.5	
182	2.3	2.1	3.1	

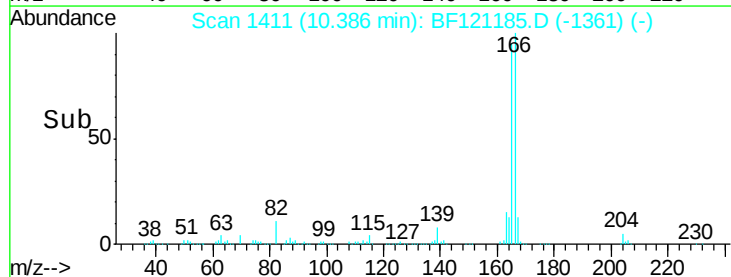
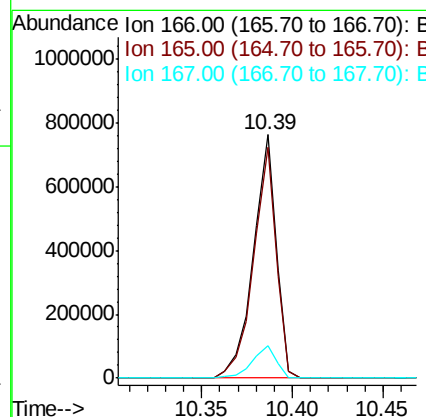
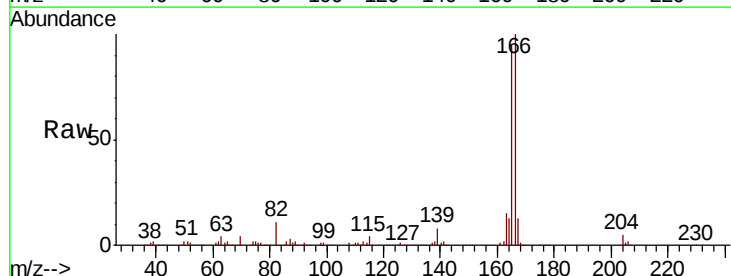
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#58
Fluorene
Concen: 39.334 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.8	76.4	114.6	
167	13.4	10.7	16.1	





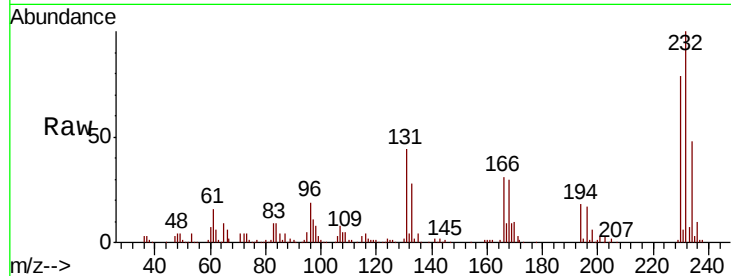
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.918 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	190493		
131	45.2		34.2	51.2
130	2.1		1.7	2.5
166	29.6		23.1	34.7

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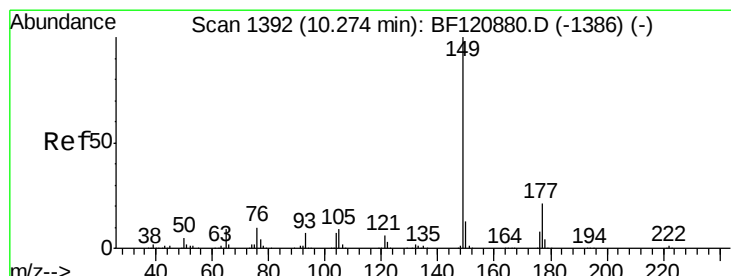
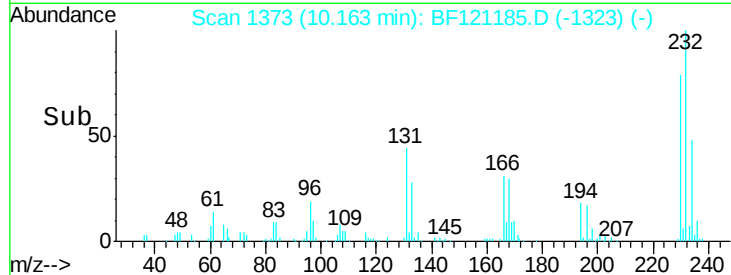
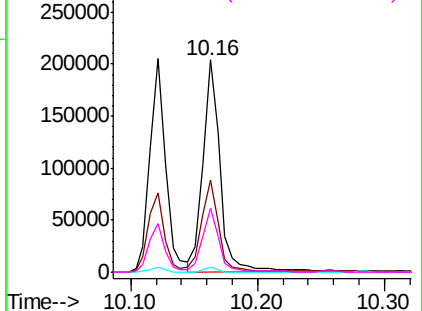
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

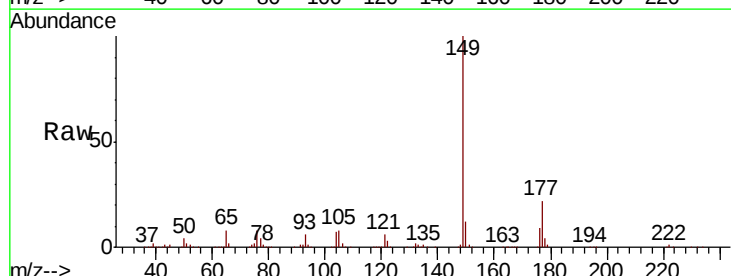
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.178 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	752017		
177	22.4		17.6	26.4
150	12.5		10.2	15.4

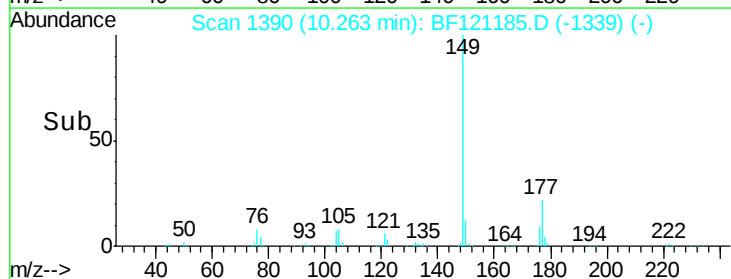
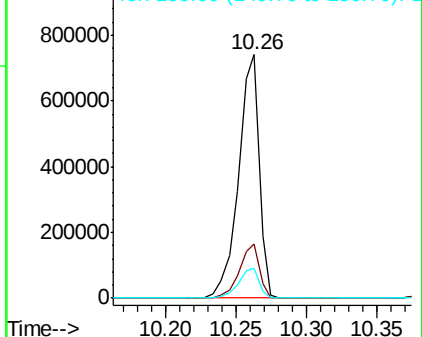


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





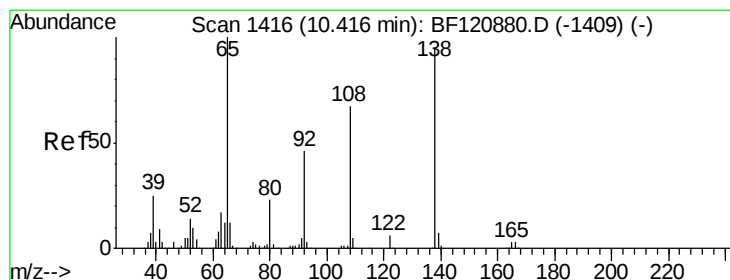
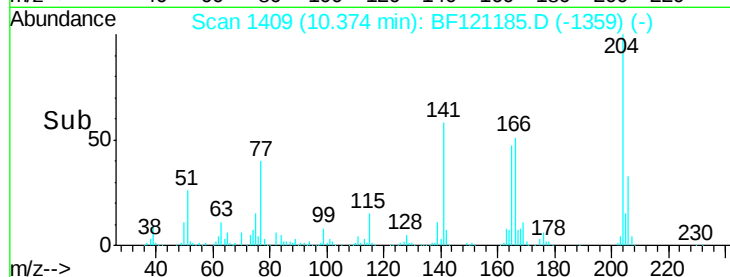
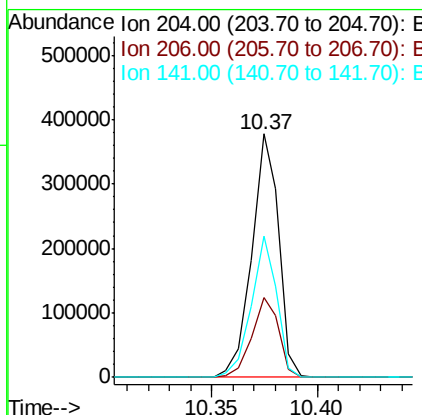
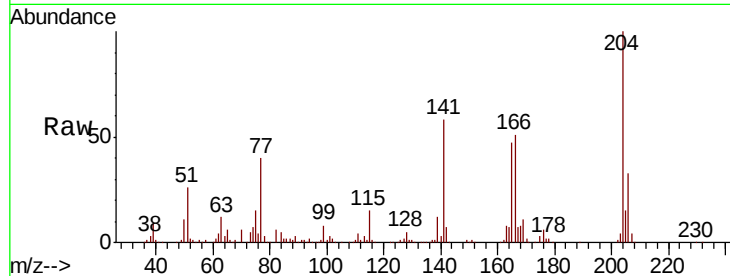
#61
 4-Chlorophenyl-phenylether
 Concen: 36.754 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleID :
 PB130683BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	58.1	46.9	70.3

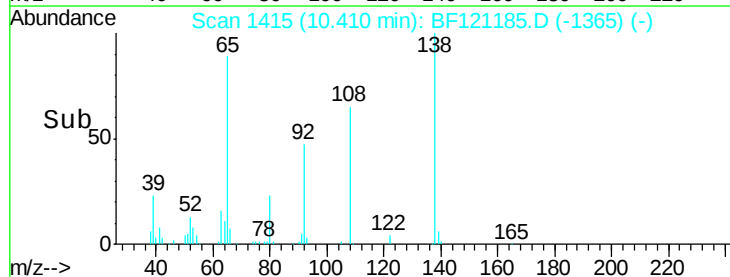
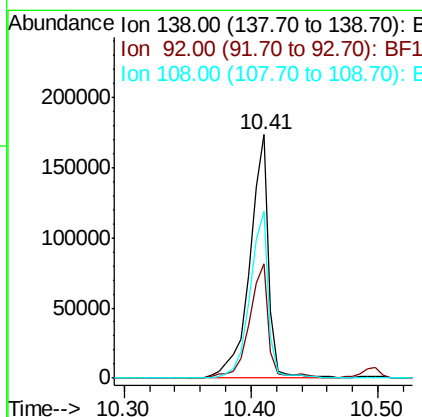
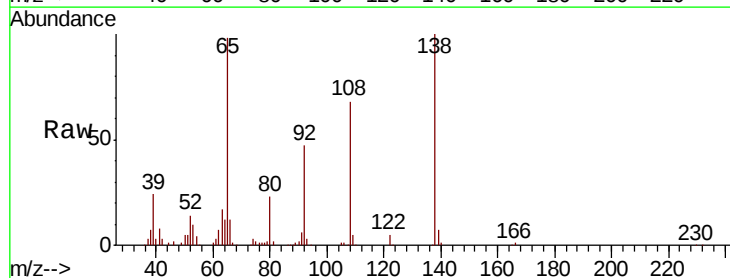
Manual Integrations
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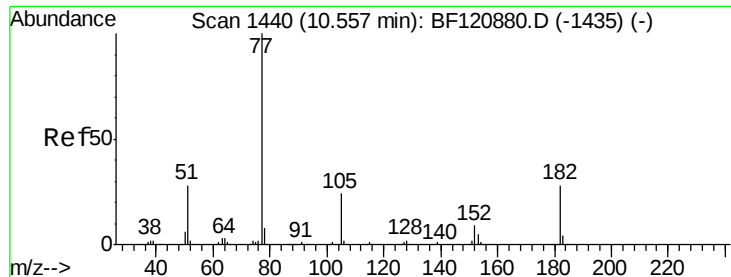
mohammad
 8/6/2020 1:20:55 PM



#62
 4-Nitroaniline
 Concen: 37.000 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	25.2	65.2
108	68.3	46.7	86.7





#63

Azobenzene

Concen: 39.128 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

Tot Ion: 77 Resp: 697223

Ion Ratio Lower Upper

77 100

182 28.5 4.5 44.5

105 24.7 3.4 43.4

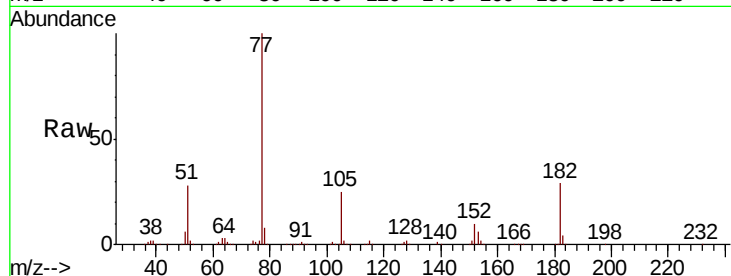
51 27.6 8.7 48.7

Manual Integrations

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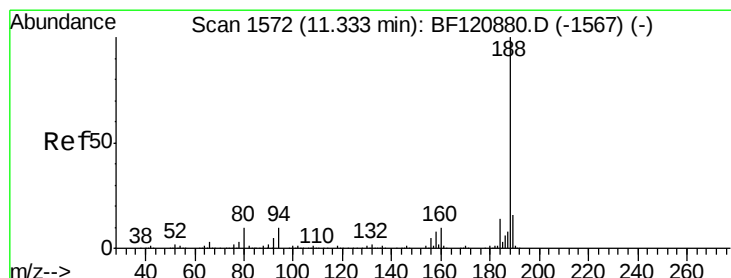
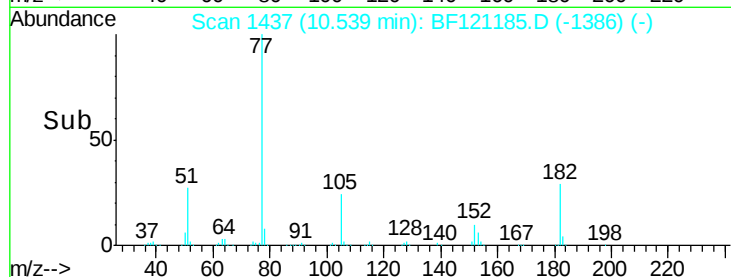
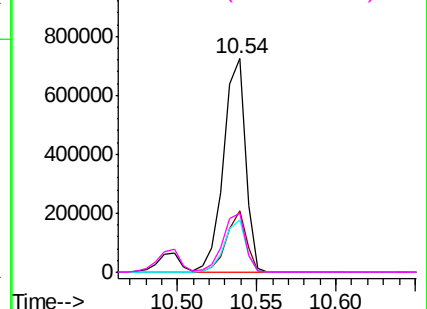


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

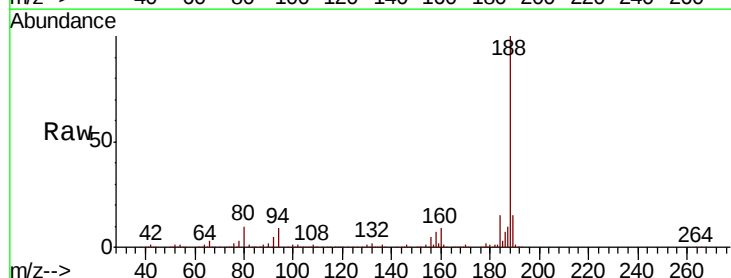
Tgt Ion: 188 Resp: 487614

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

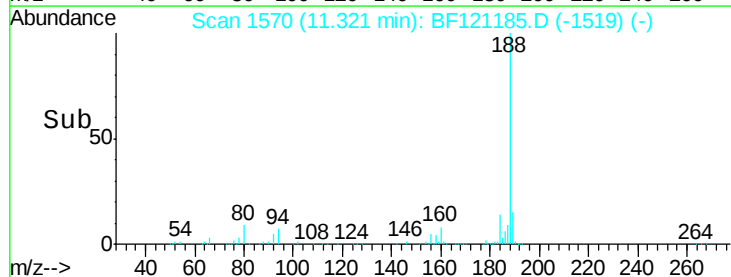
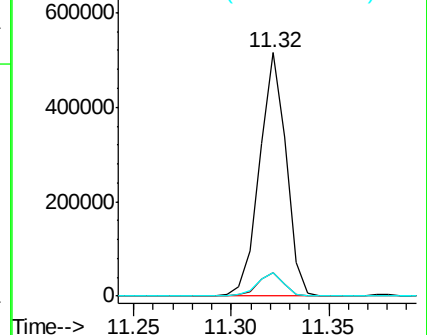
80 9.6 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.327 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampled :

PB130683BS

Tot Ion:198 Resp: 114991

Ion Ratio Lower Upper

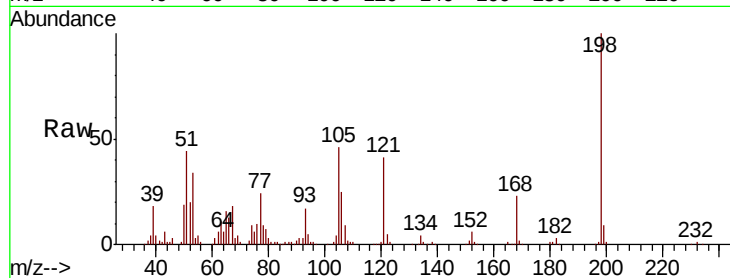
198 100

51 44.3 23.4 63.4

105 45.7 23.7 63.7

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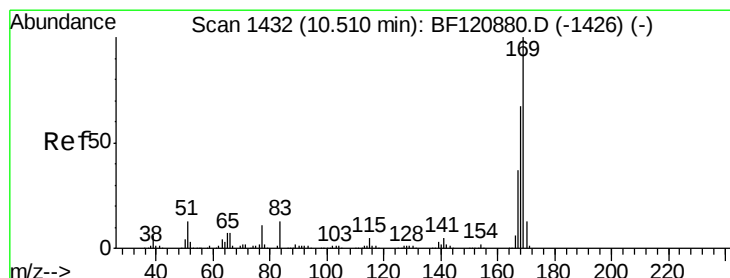
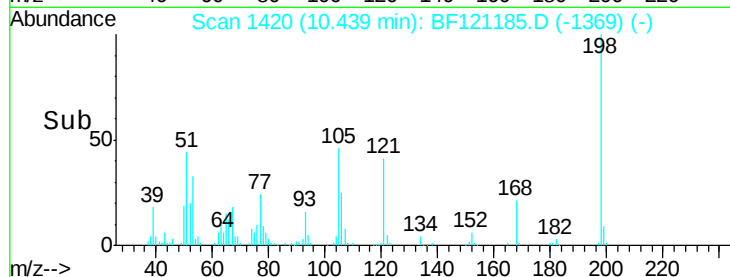
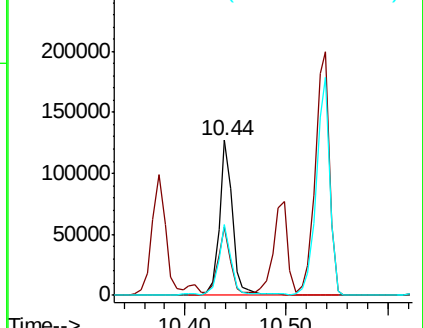
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.059 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

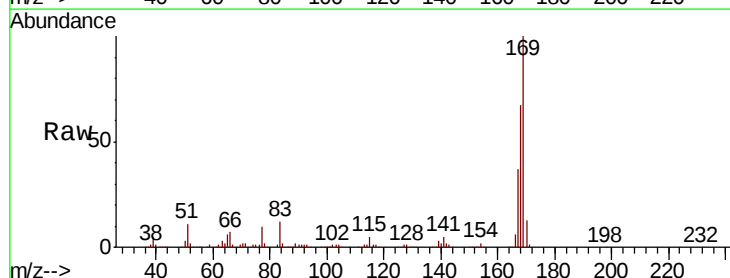
Tgt Ion:169 Resp: 629821

Ion Ratio Lower Upper

169 100

168 66.7 53.7 80.5

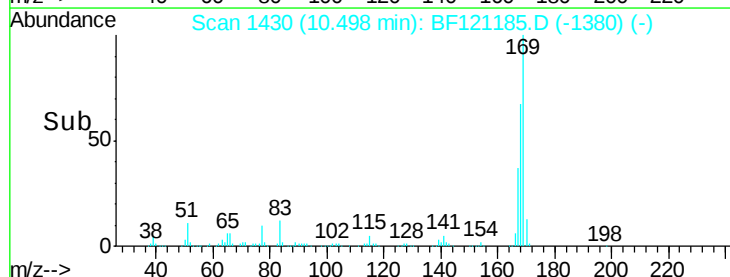
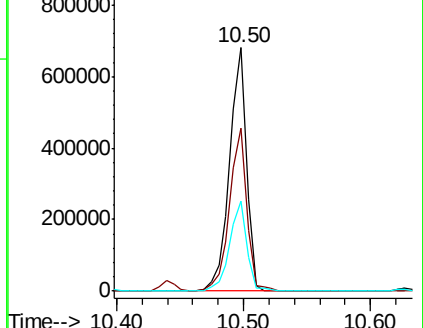
167 36.9 30.0 45.0

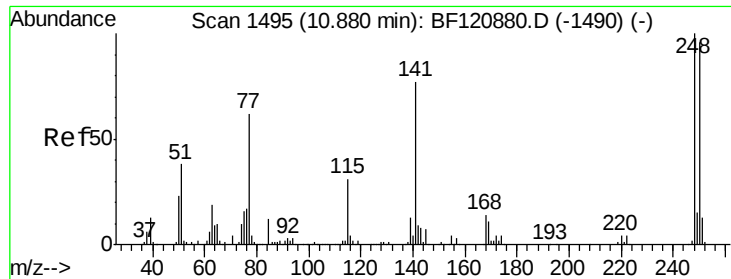


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





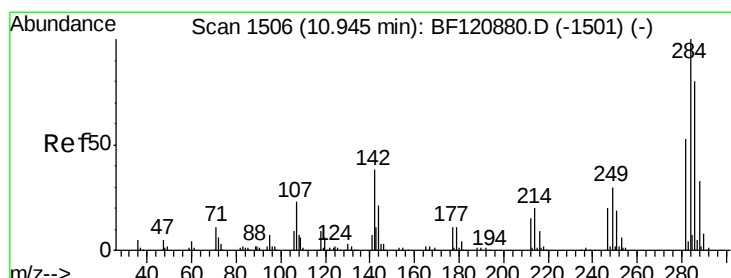
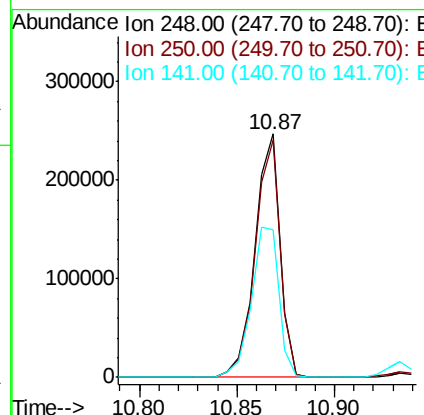
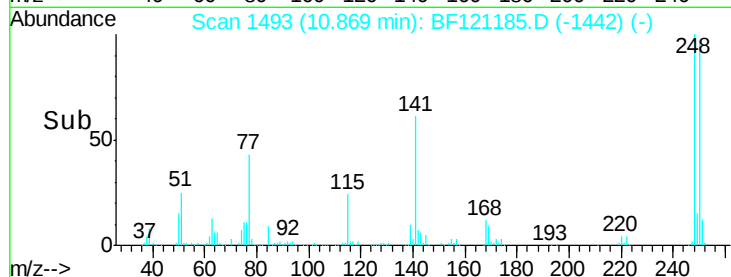
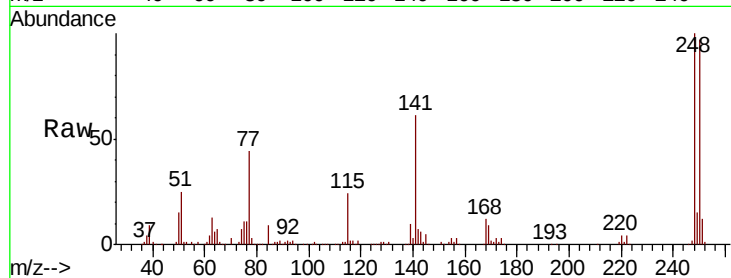
#67
4-Bromophenyl-phenylether
Concen: 40.408 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.0	115.6
141	60.8	56.6	85.0

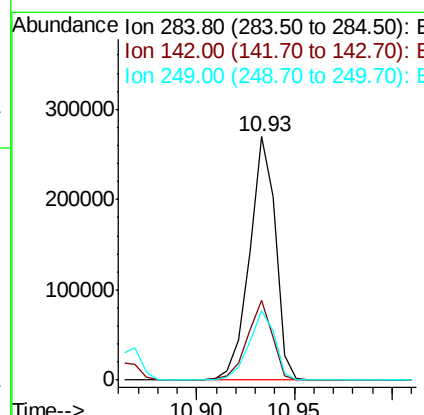
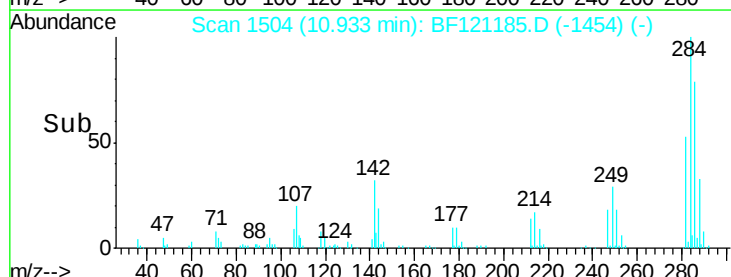
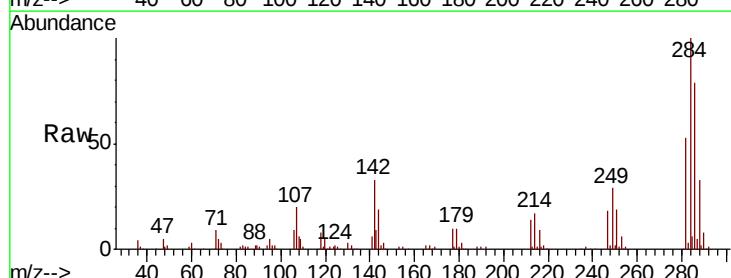
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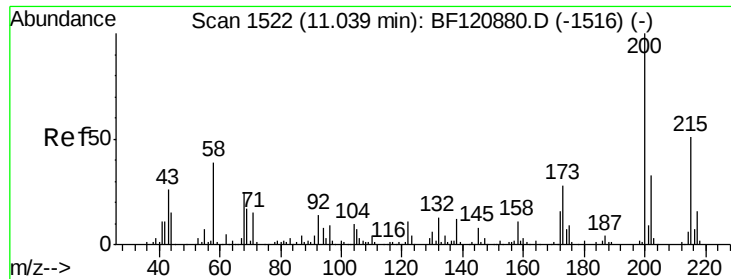
mohammad
8/6/2020 1:20:55 PM



#68
Hexachlorobenzene
Concen: 42.167 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	21.1	31.7#
249	28.8	22.5	33.7





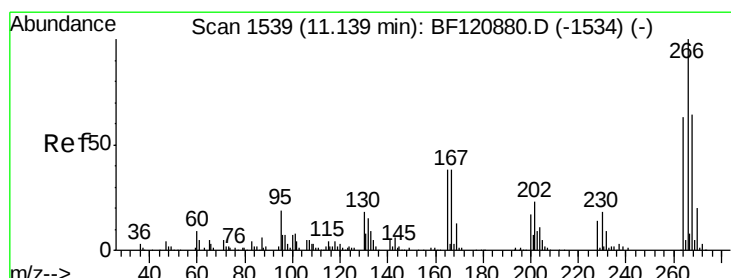
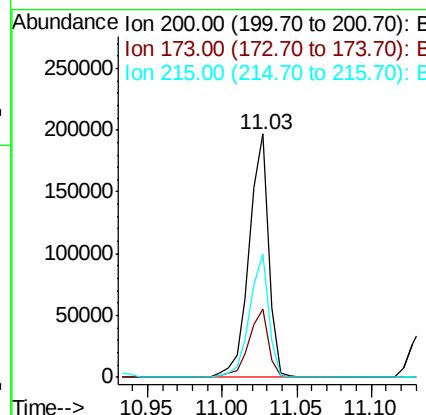
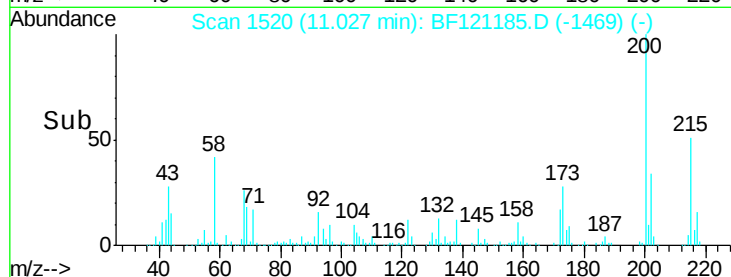
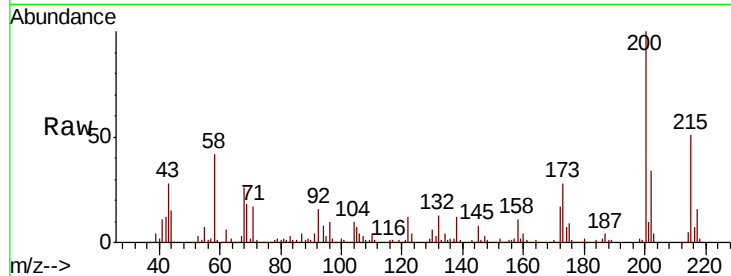
#69
Atrazine
Concen: 47.014 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.6	47.6
215	50.6	28.8	68.8

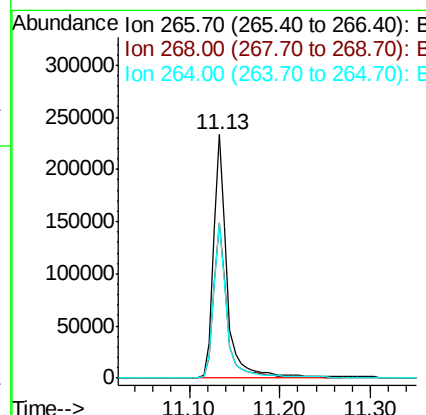
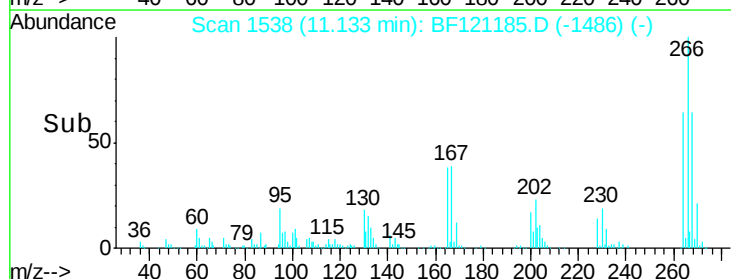
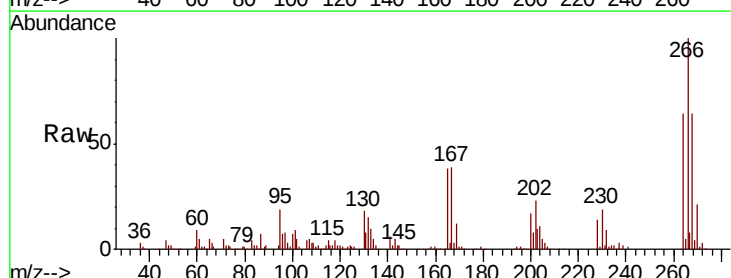
Manual Integrations
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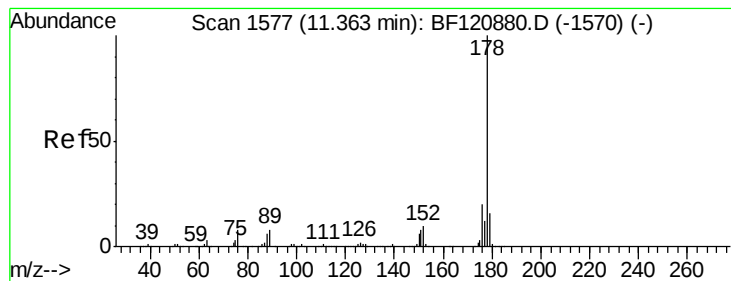
mohammad
8/6/2020 1:20:55 PM



#70
Pentachlorophenol
Concen: 73.938 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.7	74.5
264	63.6	50.4	75.6





#71

Phenanthrene

Concen: 39.945 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

ClientSampleId :

PB130683BS

Tot Ion:178 Resp: 1001752

Ion Ratio Lower Upper

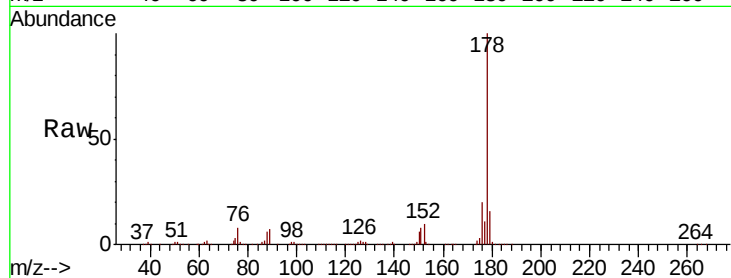
178 100

176 20.0 16.2 24.2

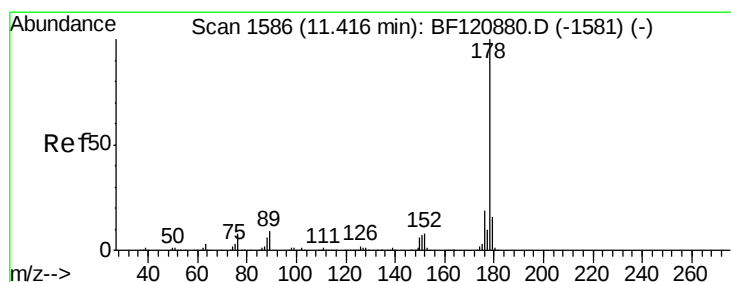
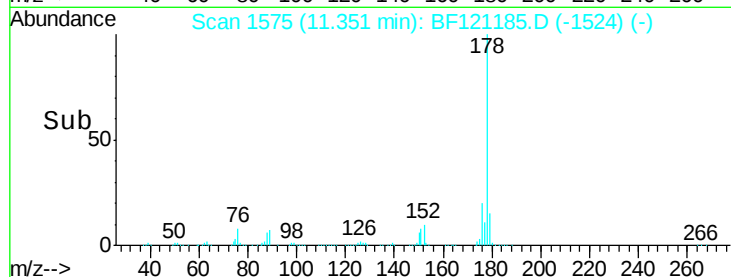
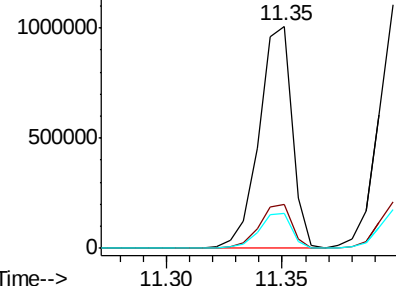
179 15.6 12.6 19.0

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.091 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Tgt Ion:178 Resp: 1034768

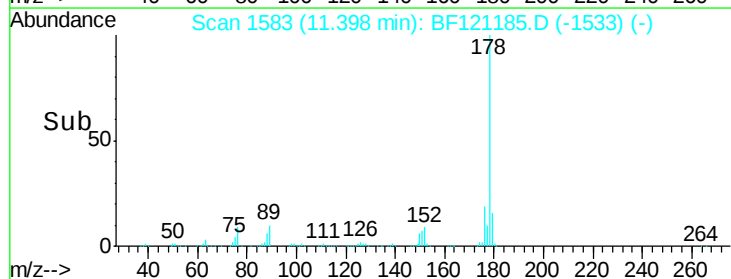
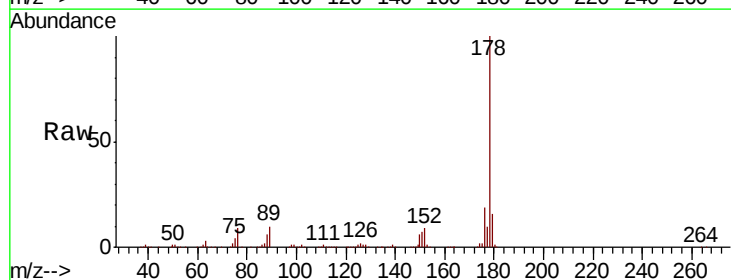
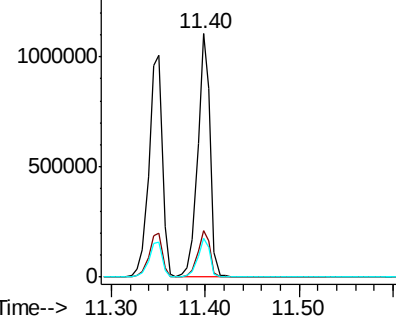
Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

179 16.0 12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





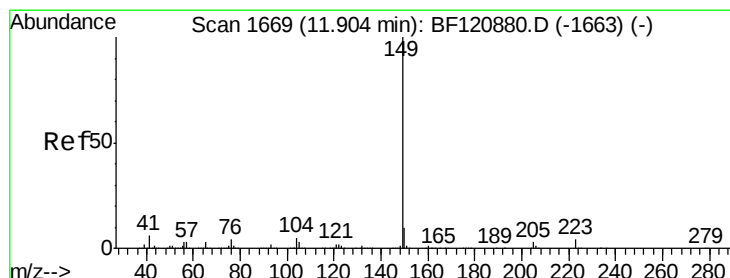
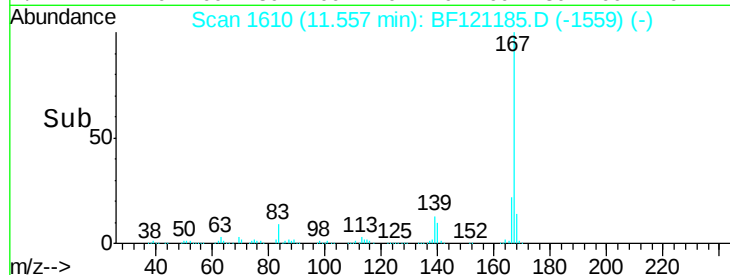
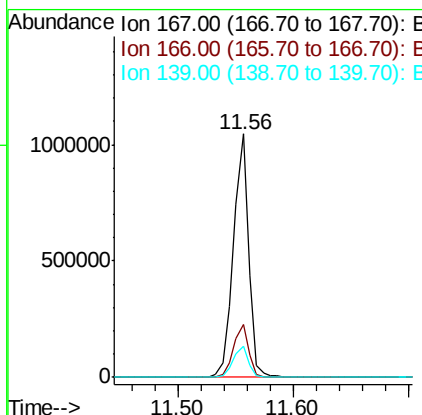
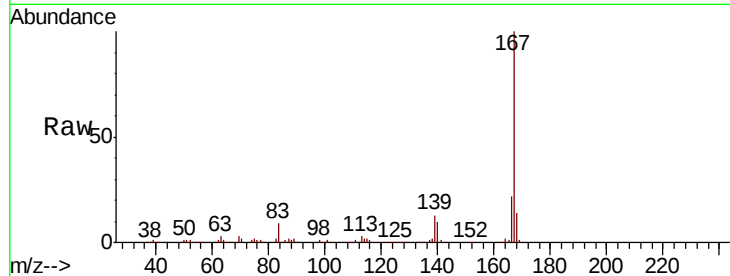
#73
 Carbazole
 Concen: 38.237 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	12.7	10.5	15.7

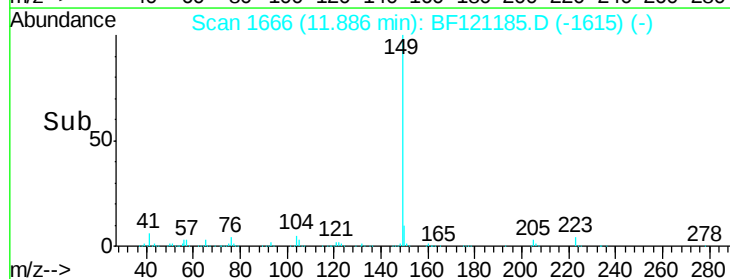
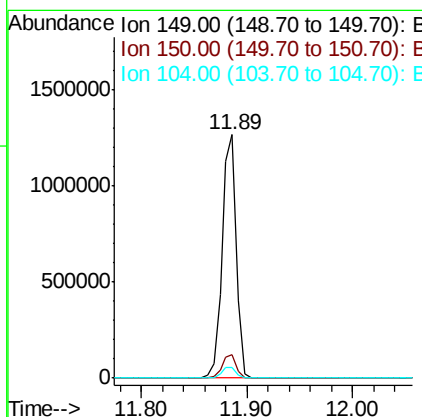
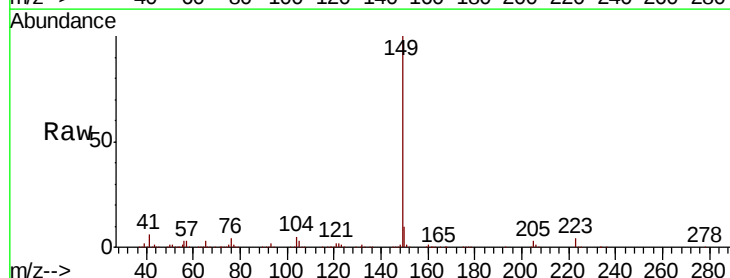
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 41.035 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.6	3.9	5.9





#75

Fluoranthene

Concen: 39.031 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

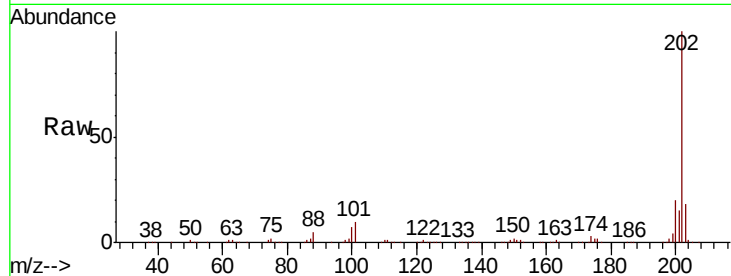
ClientSampleId :

PB130683BS

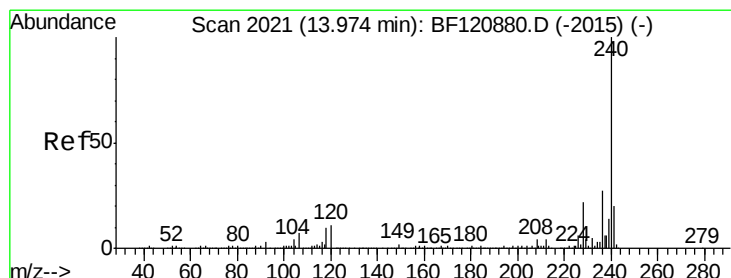
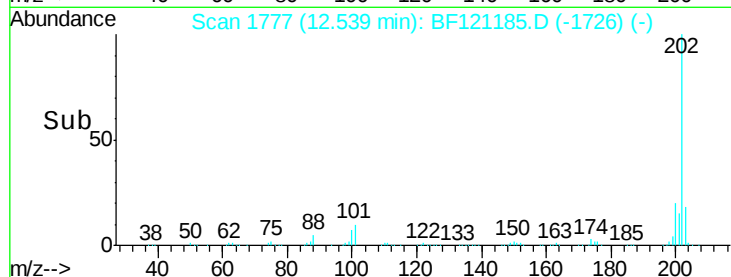
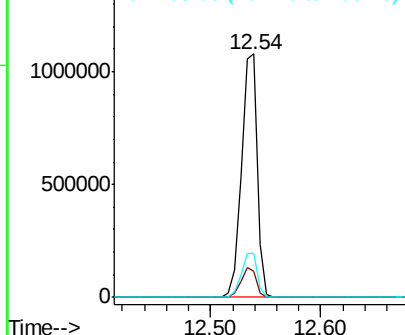
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.5	0.0	30.5		
203	18.3	0.0	37.7		

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

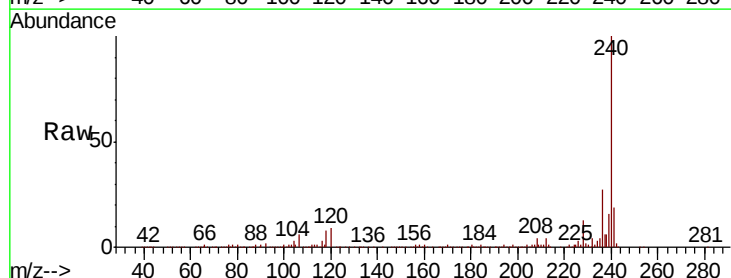
RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

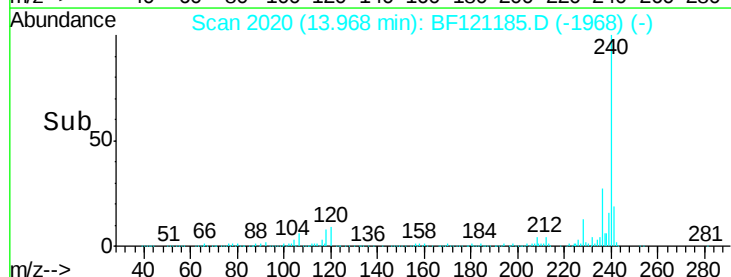
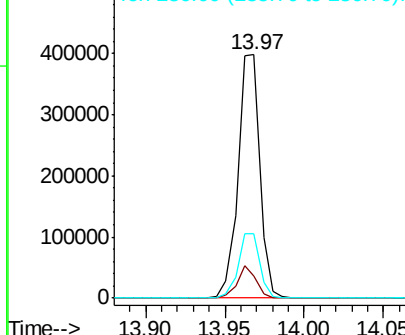
Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	9.1	9.3	13.9#		
236	26.6	21.1	31.7		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.217 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Instrument :

BNA_F

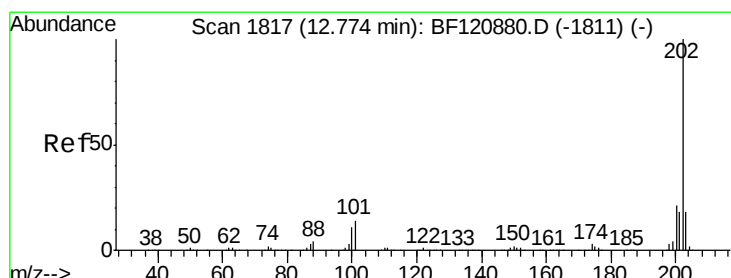
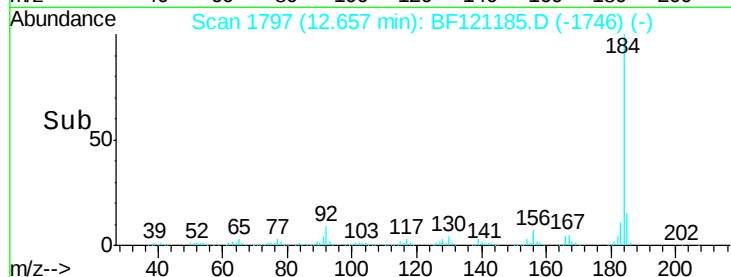
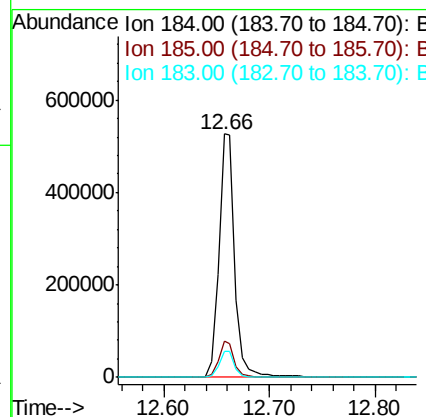
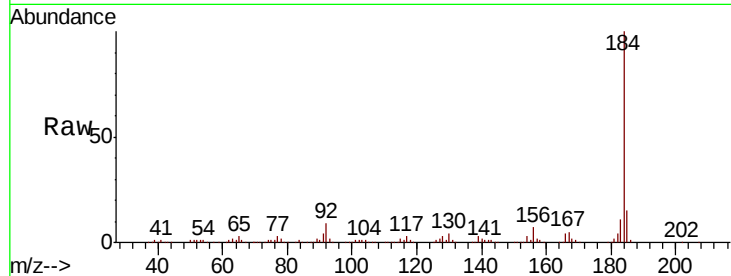
ClientSampleId :

PB130683BS

Tot Ion:	184	Resp:	561082
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.1	18.1
183	10.7	9.0	13.4

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#78

Pyrene

Concen: 41.578 ng

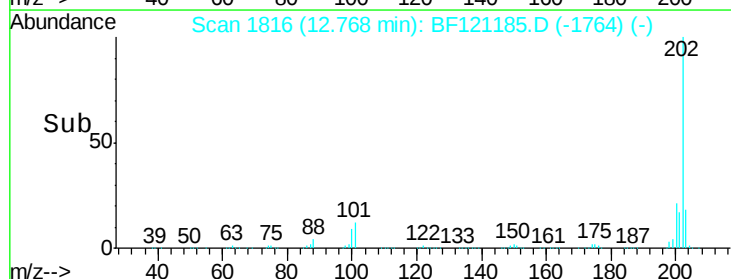
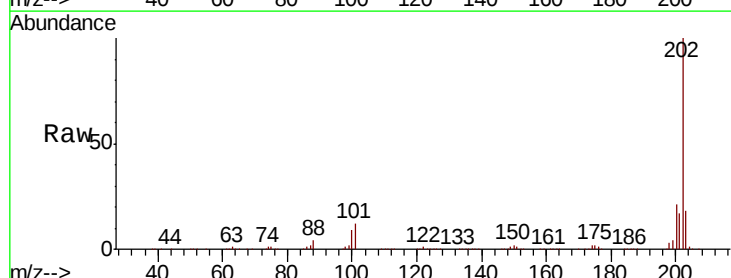
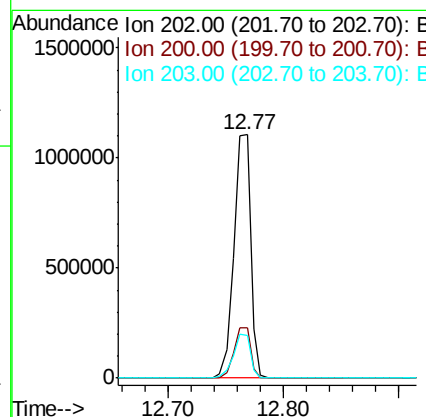
RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121185.D

Acq: 5 Aug 2020 10:29

Tgt Ion:	202	Resp:	1115912
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.0	25.6
203	17.6	14.6	21.8





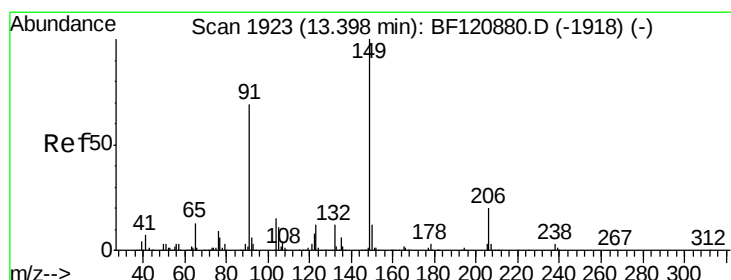
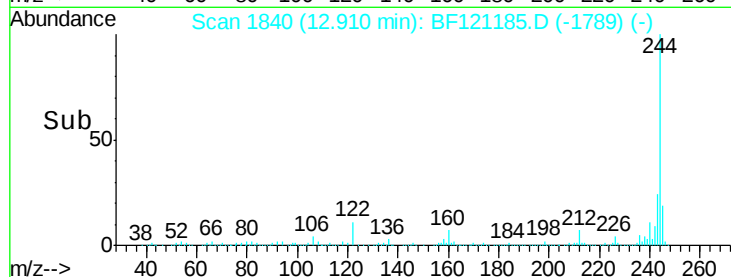
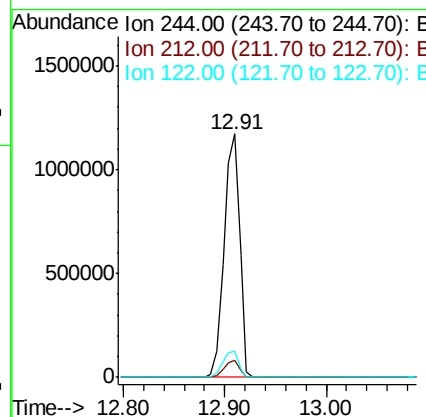
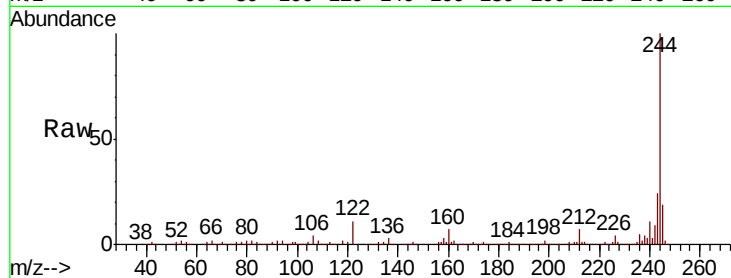
#79
 Terphenyl-d14
 Concen: 71.155 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.6	8.3	12.5

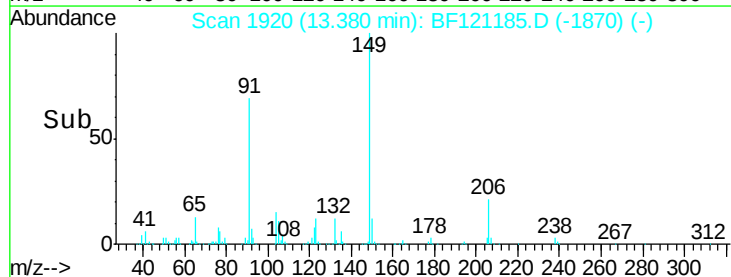
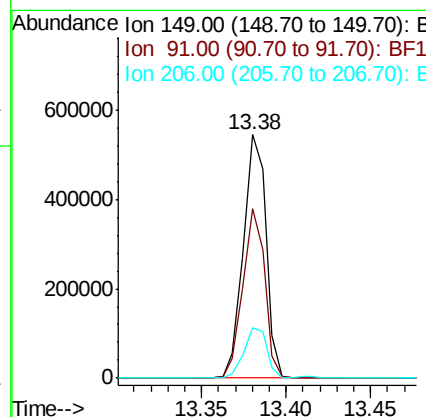
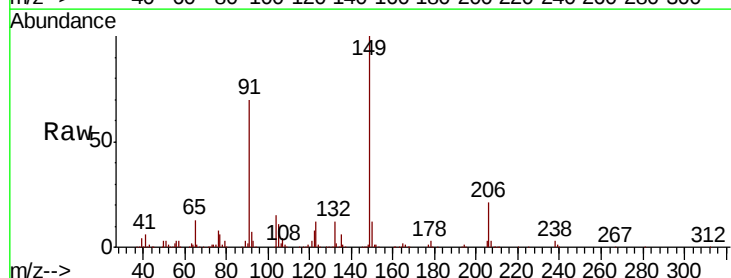
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#80
 Butylbenzylphthalate
 Concen: 42.698 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	51.4	77.0
206	20.6	17.9	26.9





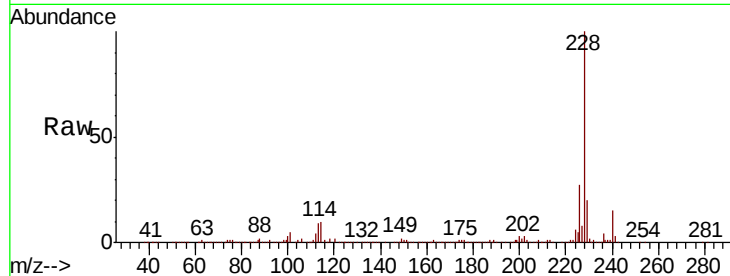
#81
Benzo(a)anthracene
Concen: 42.092 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampled :
PB130683BS

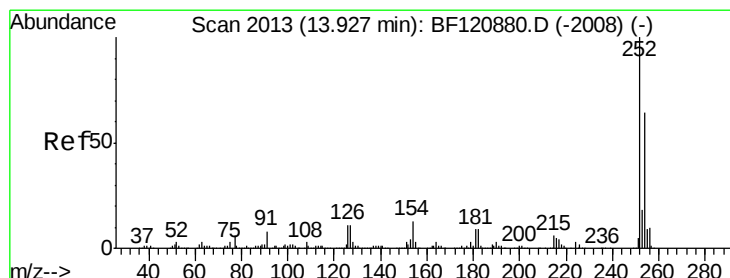
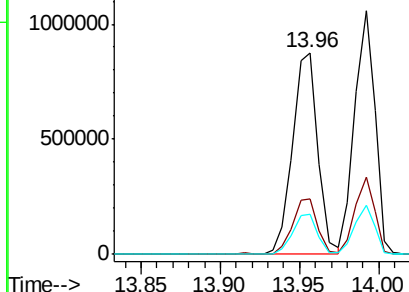
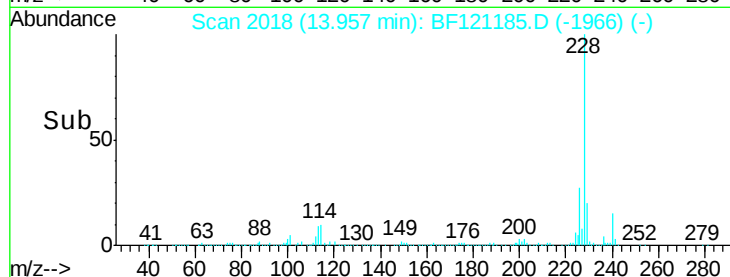
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	19.9	16.1	24.1

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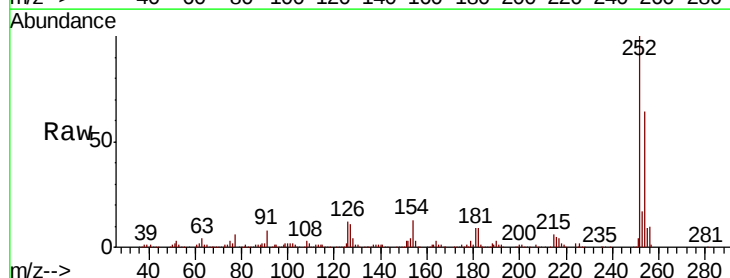


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

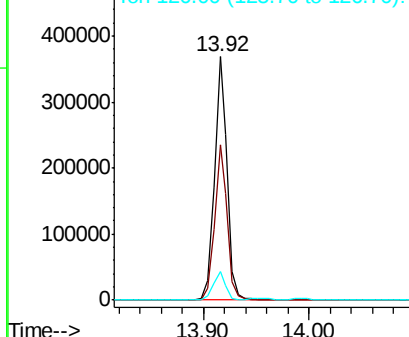
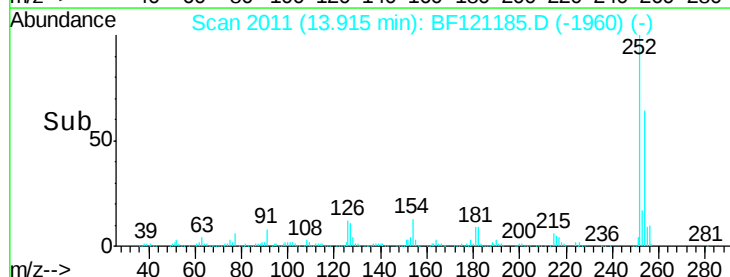


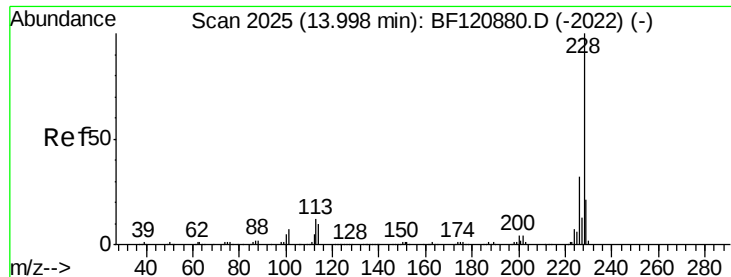
#82
3,3'-Dichlorobenzidine
Concen: 36.218 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	11.7	9.2	13.8



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





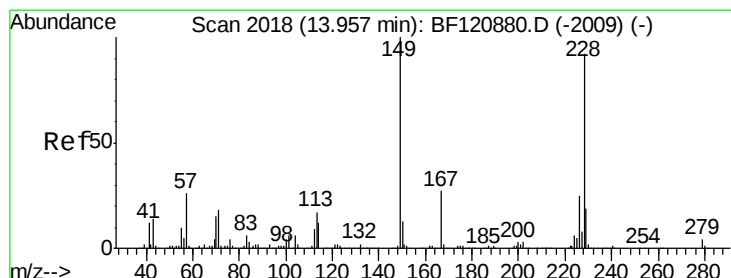
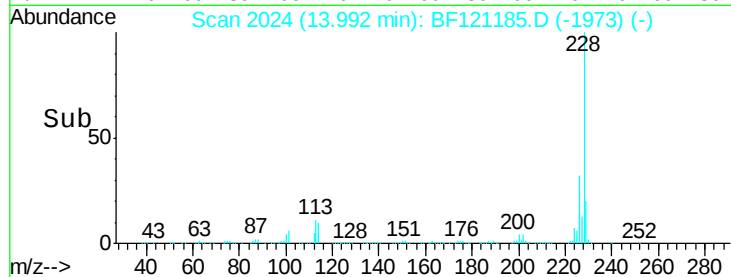
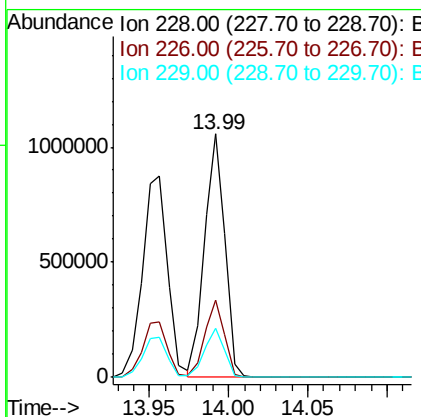
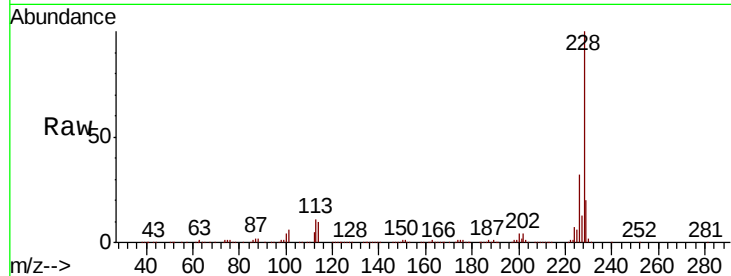
#83
Chrysene
Concen: 39.195 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.0
229	20.3	16.2	24.4

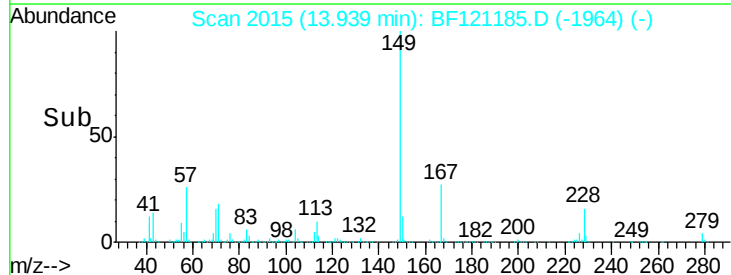
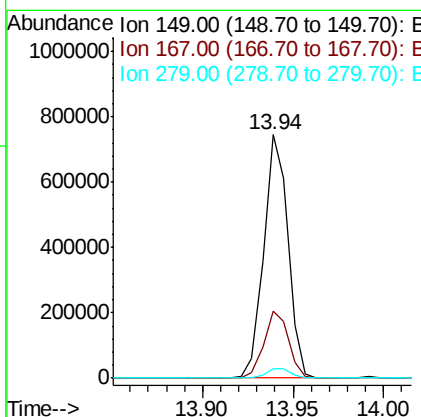
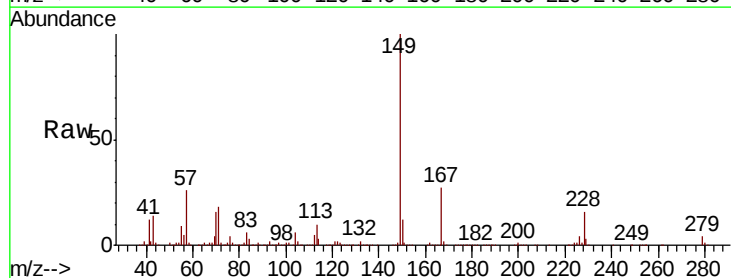
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.962 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	3.8	2.9	4.3





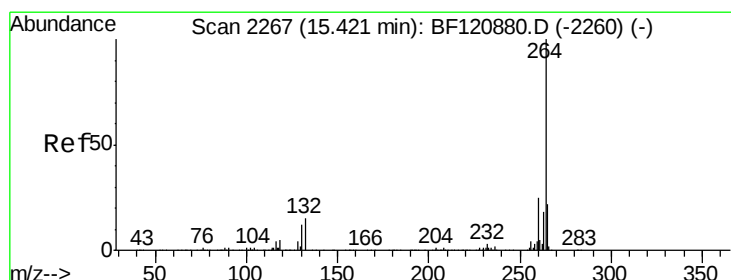
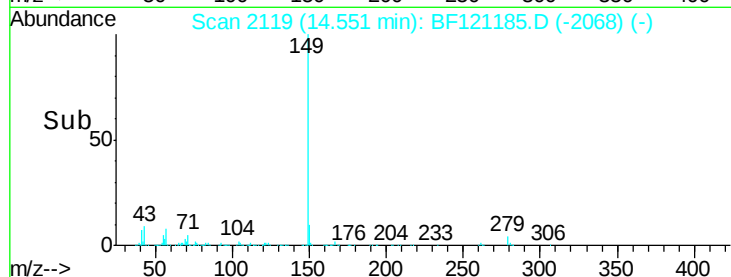
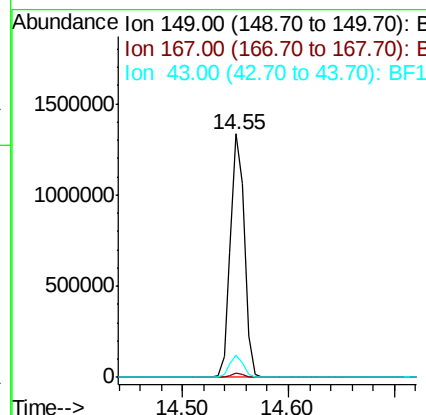
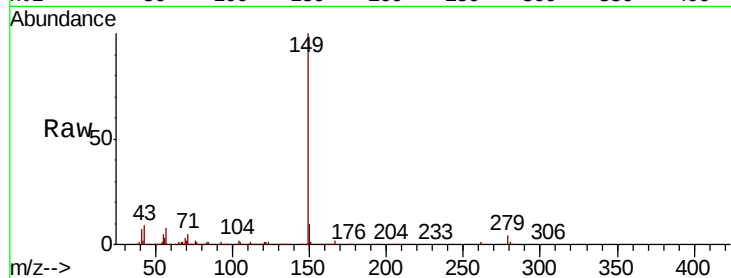
#85
Di-n-octyl phthalate
Concen: 41.721 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	7.5	11.3

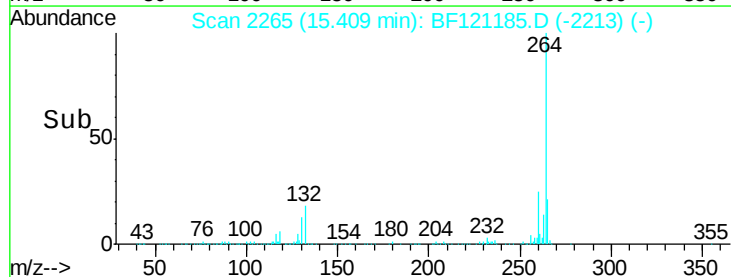
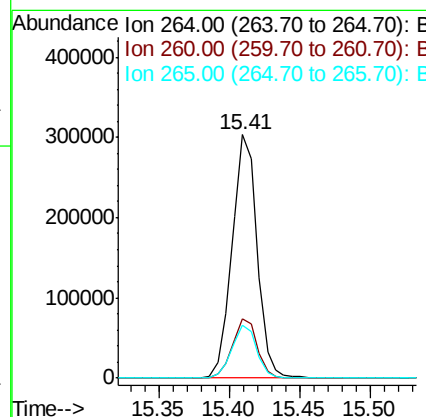
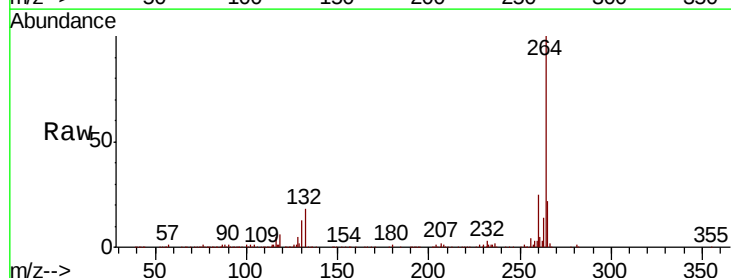
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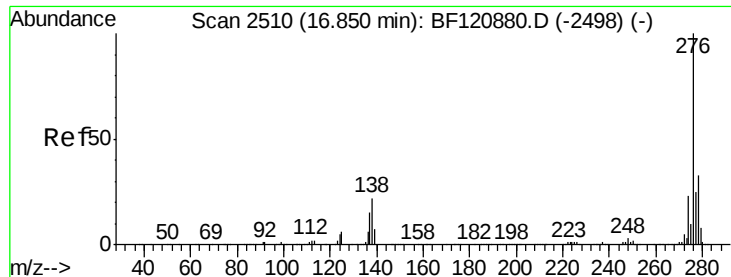
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.5	17.8	26.8





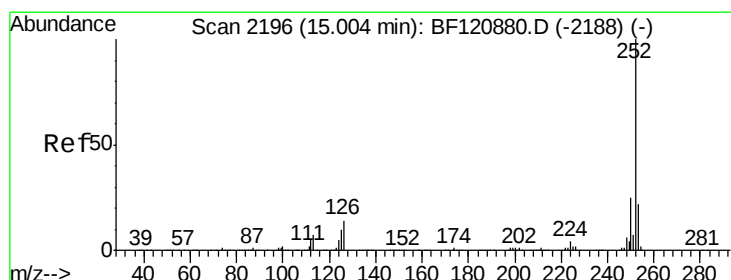
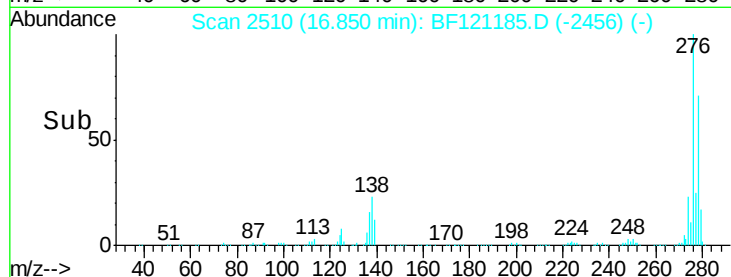
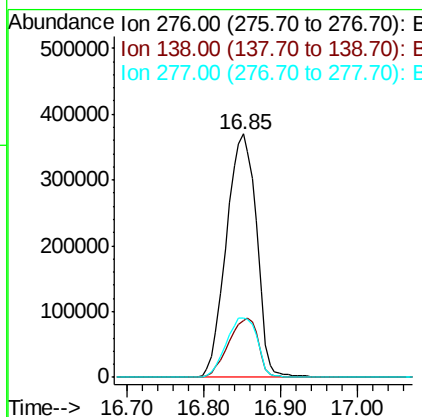
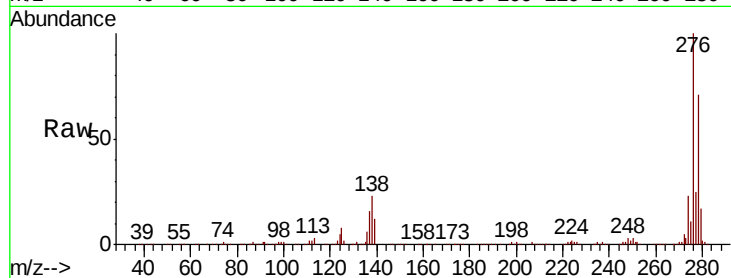
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.974 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.02 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.3	28.9
277	25.5	20.1	30.1

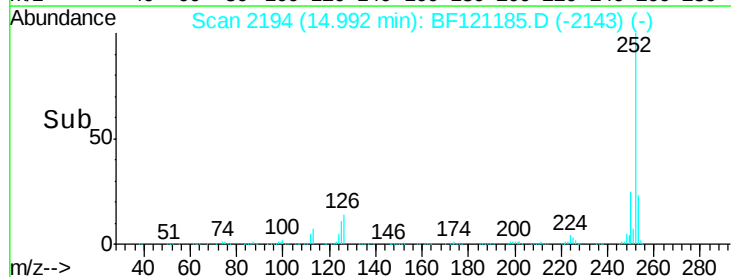
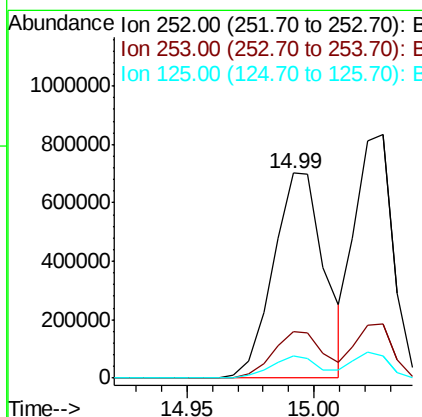
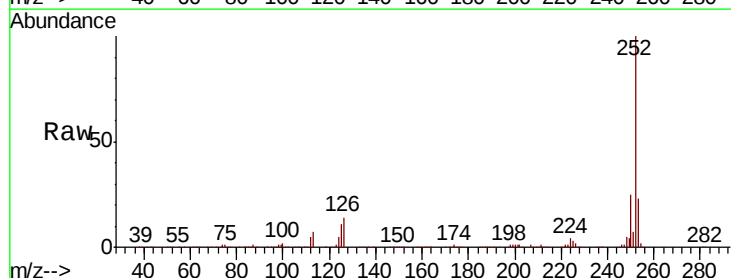
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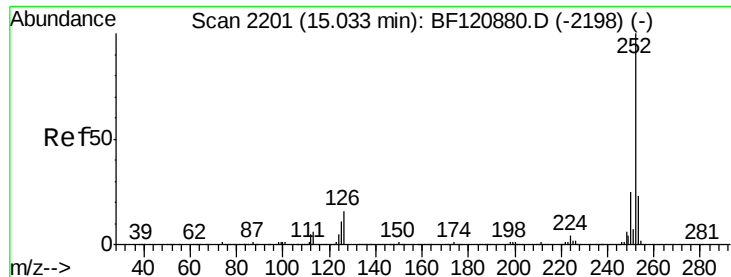
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#88
 Benzo(b)fluoranthene
 Concen: 43.690 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BF121185.D
 Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.0	8.1	12.1





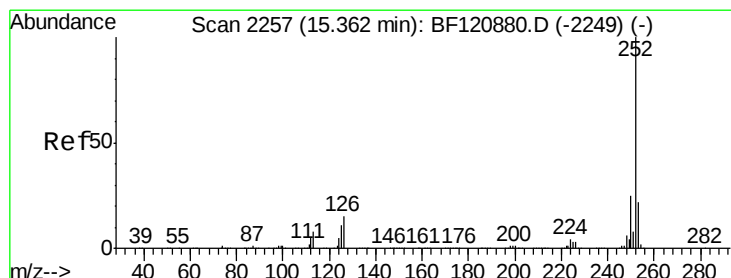
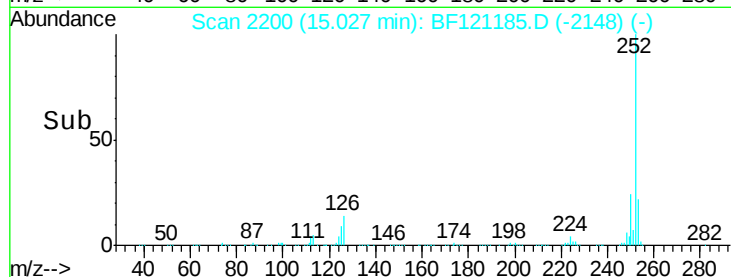
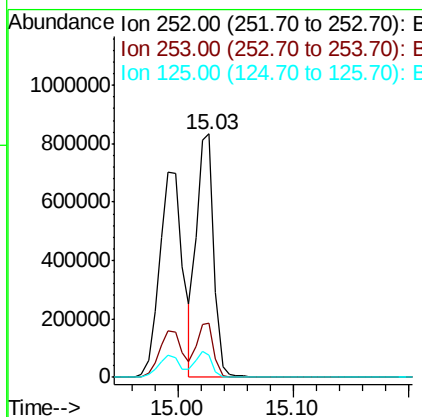
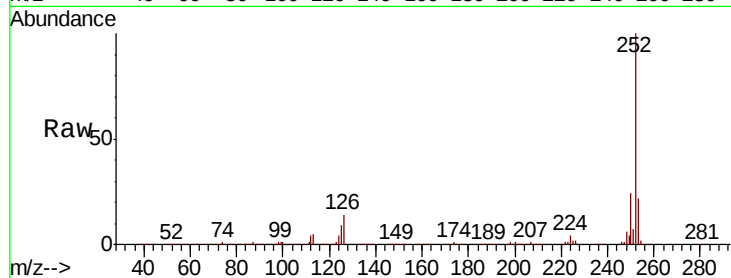
#89
Benzo(k)fluoranthene
Concen: 42.514 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.1	8.0	12.0

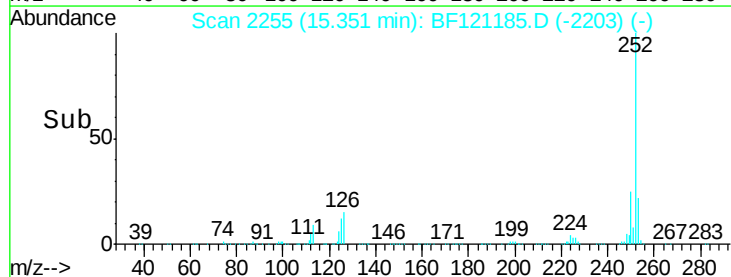
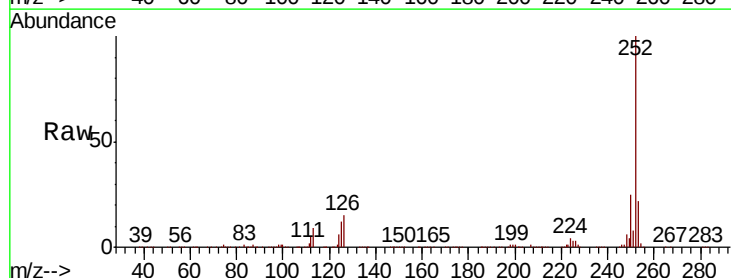
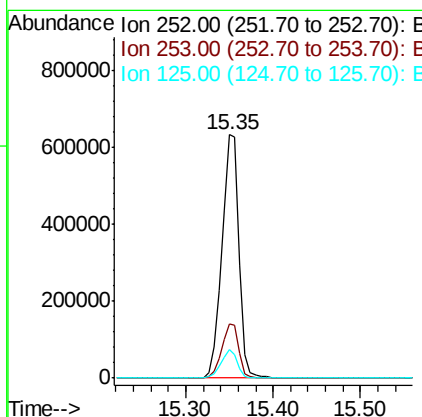
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#90
Benzo(a)pyrene
Concen: 41.497 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.8	9.5	14.3





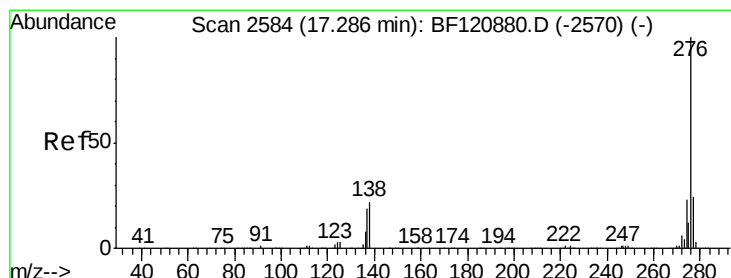
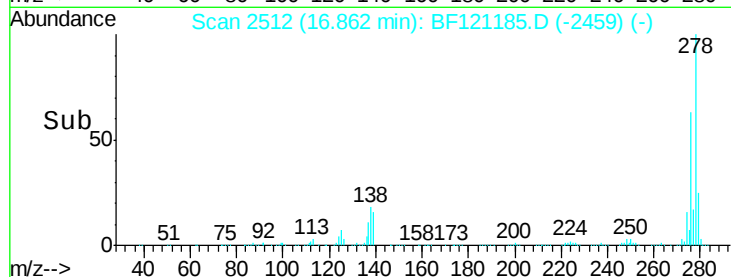
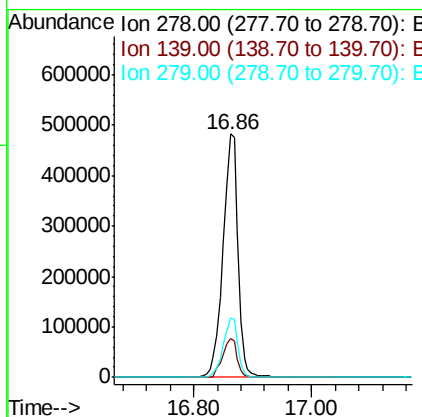
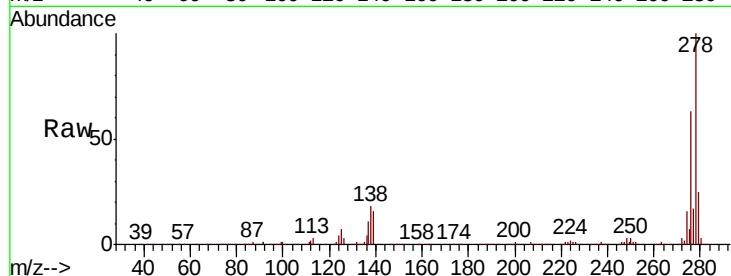
#91
Dibenzo(a,h)anthracene
Concen: 39.897 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.6	18.8
279	24.6	19.5	29.3

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#92
Benzo(g,h,i)perylene
Concen: 40.757 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF121185.D
Acq: 5 Aug 2020 10:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	21.0	17.2	25.8

