

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120164.D
 Acq On : 23 Apr 2020 15:37
 Operator : MA/SJ
 Sample : PB128352BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Manual Integrations
 APPROVED

mohammad
 4/24/2020 1:34:07 PM

Quant Time: Apr 23 16:08:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	138340	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	546212	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	287057	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	557451	20.00	ng	0.00
76) Chrysene-d12	13.83	240	404734	20.00	ng	0.00
87) Perylene-d12	15.23	264	365271	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	920557	115.00	ng	0.01
7) Phenol-d6	6.31	99	1174567	113.87	ng	0.00
23) Nitrobenzene-d5	7.23	82	723191	68.50	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	328290	93.41	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1462917	72.36	ng	0.00
79) Terphenyl-d14	12.77	244	1668435	69.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	121404	34.051	ng	96
3) Pyridine	3.01	79	320211	32.734	ng	99
4) n-Nitrosodimethylamine	2.96	42	187963	37.607	ng	99
6) Aniline	6.33	93	514783	38.024	ng	# 78
8) 2-Chlorophenol	6.45	128	375112	41.939	ng	96
9) Benzaldehyde	6.21	77	144376	20.781	ng	99
10) Phenol	6.32	94	478012	40.849	ng	# 68
11) bis(2-Chloroethyl)ether	6.40	93	352890	39.057	ng	99
12) 1,3-Dichlorobenzene	6.60	146	376369	38.436	ng	98
13) 1,4-Dichlorobenzene	6.68	146	382386	38.336	ng	99
14) 1,2-Dichlorobenzene	6.83	146	357638	38.905	ng	99
15) Benzyl Alcohol	6.82	79	307983	38.443	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	620482	35.290	ng	98
17) 2-Methylphenol	6.93	107	306314	38.376	ng	97
18) Hexachloroethane	7.17	117	143795	38.574	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	261892	39.484	ng	99
20) 3+4-Methylphenols	7.09	107	386880	39.631	ng	96
22) Acetophenone	7.08	105	507368	39.667	ng	# 91
24) Nitrobenzene	7.25	77	391285	36.840	ng	100
25) Isophorone	7.49	82	735020	36.114	ng	98
26) 2-Nitrophenol	7.57	139	204724	38.581	ng	91
27) 2,4-Dimethylphenol	7.61	122	320394	40.035	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	458740	38.303	ng	99
29) 2,4-Dichlorophenol	7.81	162	314522	38.341	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	336041	36.153	ng	99
31) Naphthalene	7.97	128	1066028	37.095	ng	98
32) Benzoic acid	7.75	122	225335	32.060	ng	94
33) 4-Chloroaniline	8.02	127	431294	34.474	ng	99
34) Hexachlorobutadiene	8.09	225	189550	34.067	ng	97
35) Caprolactam	8.40	113	98177m	39.125	ng	
36) 4-Chloro-3-methylphenol	8.52	107	348222	39.208	ng	97
37) 2-Methylnaphthalene	8.66	142	742231	38.096	ng	98
38) 1-Methylnaphthalene	8.76	142	695868	37.893	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	330160	36.415	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	339781	65.906	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	229887	36.718	ng	97
44) 2,4,5-Trichlorophenol	8.99	196	245408	34.802	ng	99
46) 1,1'-Biphenyl	9.13	154	897251	37.032	ng	99
47) 2-Chloronaphthalene	9.15	162	688360	36.880	ng	99
48) 2-Nitroaniline	9.25	65	246764	36.482	ng	98
49) Acenaphthylene	9.57	152	1103906	38.889	ng	98
50) Dimethylphthalate	9.44	163	830072	37.385	ng	99
51) 2,6-Dinitrotoluene	9.50	165	182831	37.603	ng	97
52) Acenaphthene	9.74	154	658797	34.792	ng	99
53) 3-Nitroaniline	9.66	138	182293	32.827	ng	100
54) 2,4-Dinitrophenol	9.77	184	196689	67.568	ng	# 86
55) Dibenzofuran	9.91	168	985575	37.930	ng	100
56) 4-Nitrophenol	9.84	139	282542	68.383	ng	98
57) 2,4-Dinitrotoluene	9.90	165	238234	37.189	ng	96
58) Fluorene	10.25	166	782659	37.663	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	204683	37.953	ng	99
60) Diethylphthalate	10.14	149	851389	36.997	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	382526	35.915	ng	99
62) 4-Nitroaniline	10.28	138	204597	38.661	ng	97
63) Azobenzene	10.41	77	803996	38.985	ng	96
65) 4,6-Dinitro-2-methylphenol	10.31	198	137313	37.389	ng	82
66) n-Nitrosodiphenylamine	10.37	169	708221	38.201	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	233447	33.674	ng	98
68) Hexachlorobenzene	10.80	284	245385	34.892	ng	98
69) Atrazine	10.90	200	219034	42.463	ng	99
70) Pentachlorophenol	11.00	266	246126	60.730	ng	99
71) Phenanthrene	11.22	178	1118318	37.694	ng	97
72) Anthracene	11.26	178	1168709	38.561	ng	98
73) Carbazole	11.42	167	1072967	37.436	ng	98
74) Di-n-butylphthalate	11.76	149	1376102	36.523	ng	99
75) Fluoranthene	12.40	202	1246079	38.926	ng	99
77) Benzidine	12.53	184	1102868	80.612	ng	98
78) Pyrene	12.63	202	1242613	36.419	ng	98
80) Butylbenzylphthalate	13.25	149	575782	34.778	ng	98
81) Benzo(a)anthracene	13.82	228	1011466	37.988	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	331802	33.398	ng	99
83) Chrysene	13.85	228	1023545	37.833	ng	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	780387	34.807	ng	99
85) Di-n-octyl phthalate	14.43	149	1374637	36.009	ng	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	861600	36.129	ng	100
88) Benzo(b)fluoranthene	14.83	252	929486	35.373	ng	98
89) Benzo(k)fluoranthene	14.86	252	915244	40.369	ng	99
90) Benzo(a)pyrene	15.17	252	818588	37.051	ng	99
91) Dibenzo(a,h)anthracene	16.59	278	727999	37.199	ng	99
92) Benzo(g,h,i)perylene	16.99	276	686630	35.544	ng	97

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

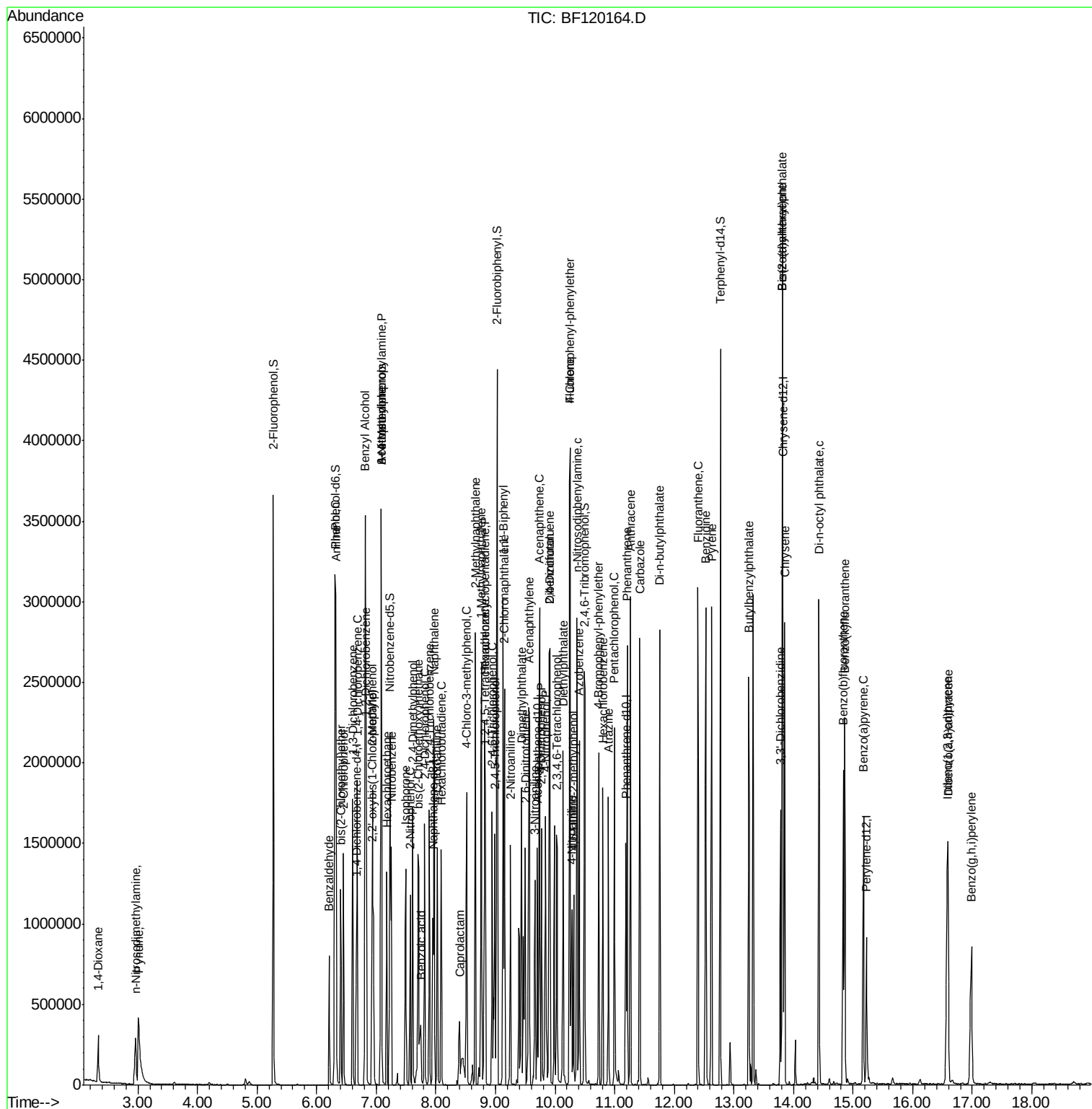
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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\  
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Acq On    : 23 Apr 2020 15:37  
Operator  : MA/SJ  
Sample    : PB128352BS  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
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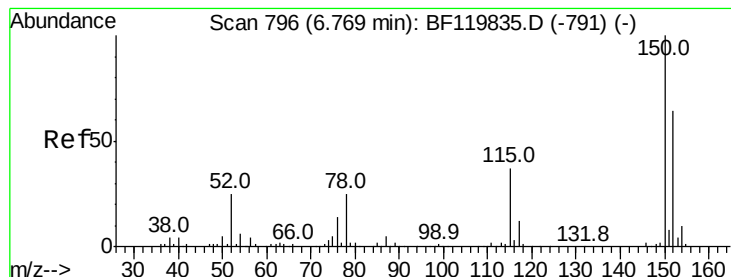
Instrument :
BNA_F
ClientSampleId :
PB128352BS

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#1

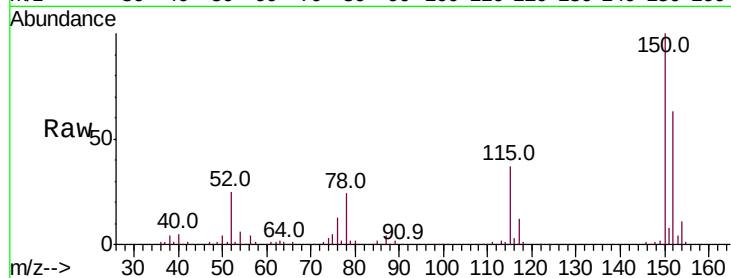
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.5	186.7
115	58.7	49.6	74.4

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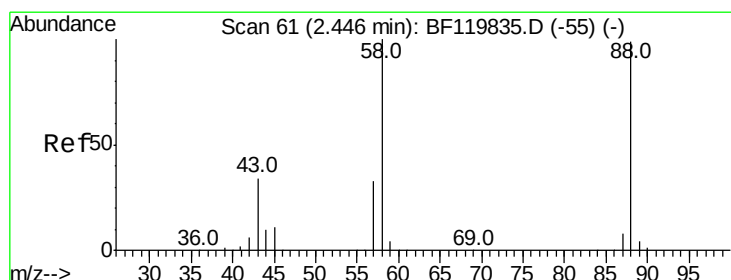
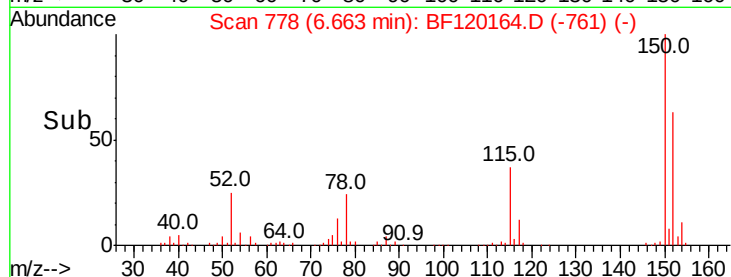
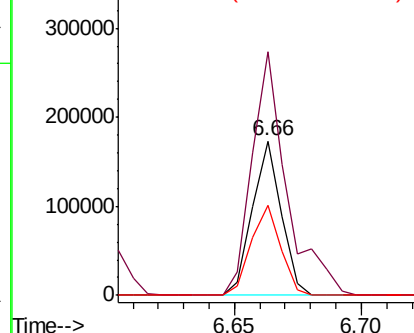


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

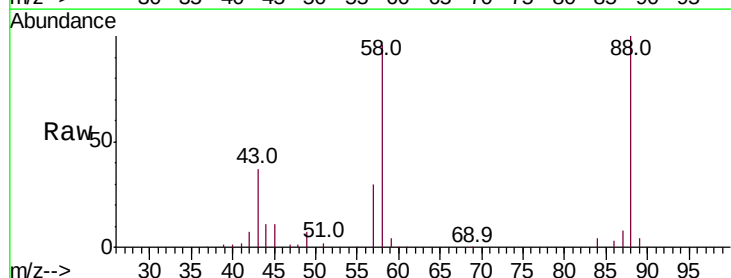
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.051 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.06 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.1	80.6	121.0
43	34.3	27.5	41.3

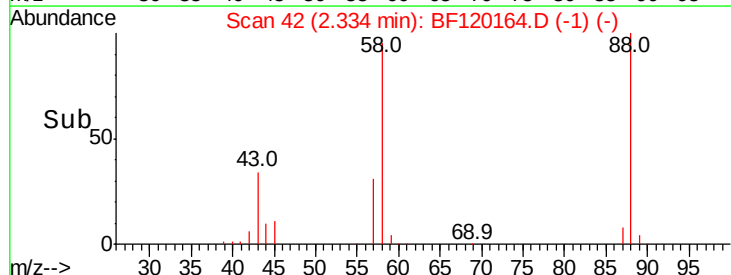
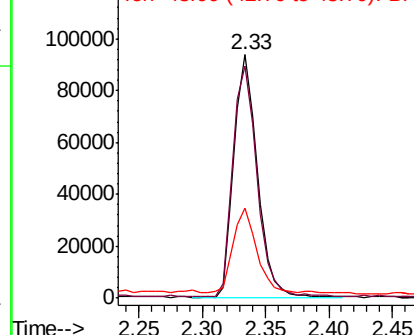


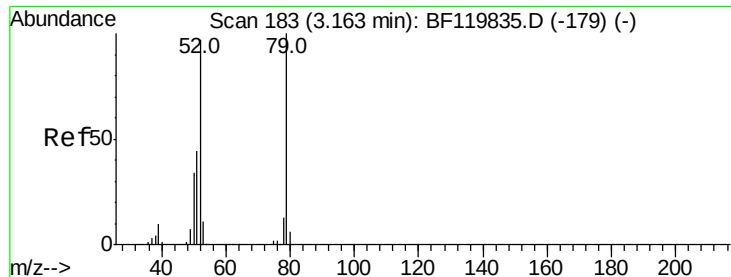
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.734 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.06 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

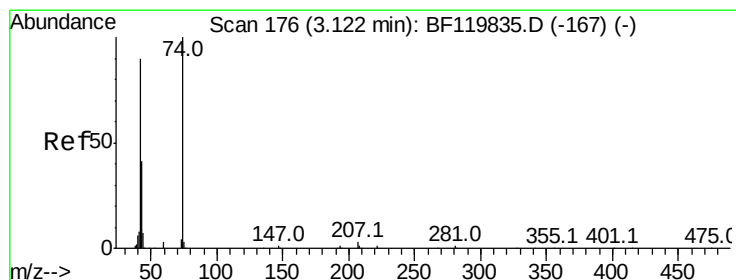
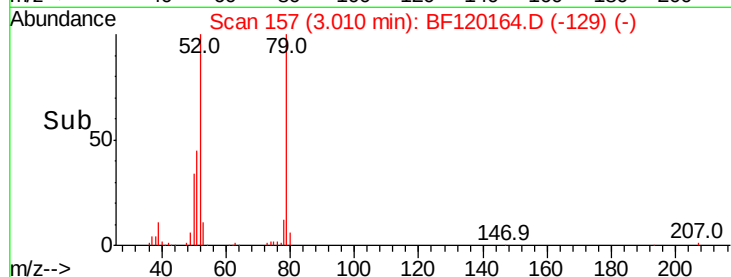
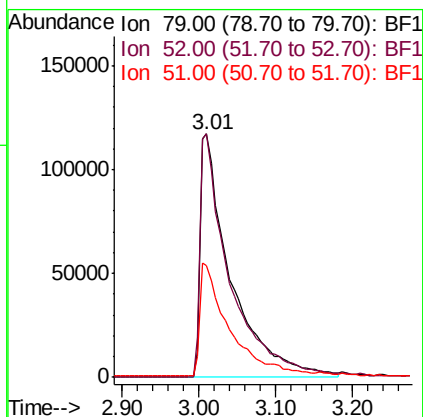
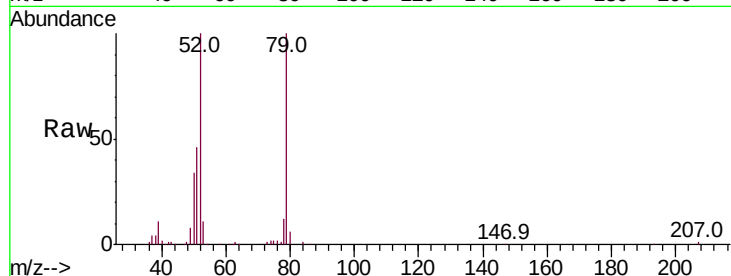
ClientSampleId :

PB128352BS

Tot Ion:	79	Resp:	320211
Ion Ratio	Lower	Upper	
79	100		
52	100.2	80.2	120.2
51	45.9	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 37.607 ng

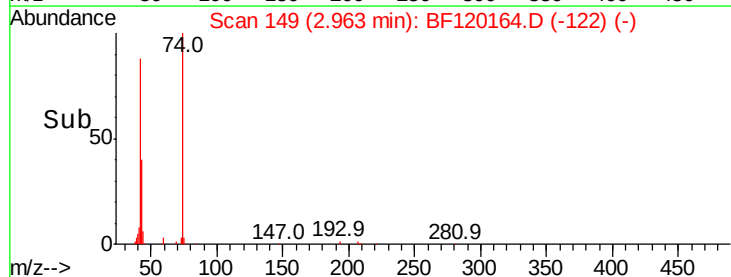
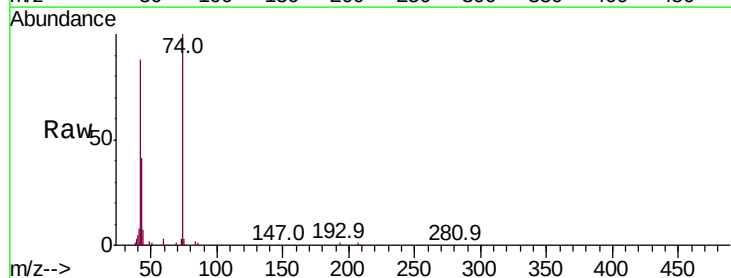
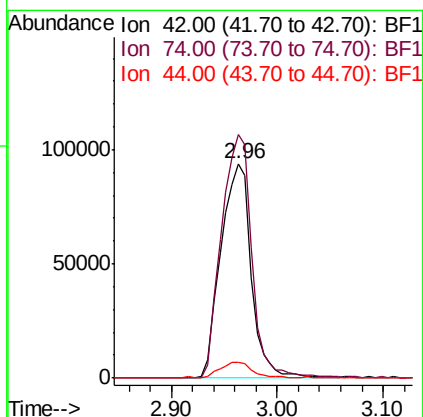
RT: 2.96 min Scan# 149

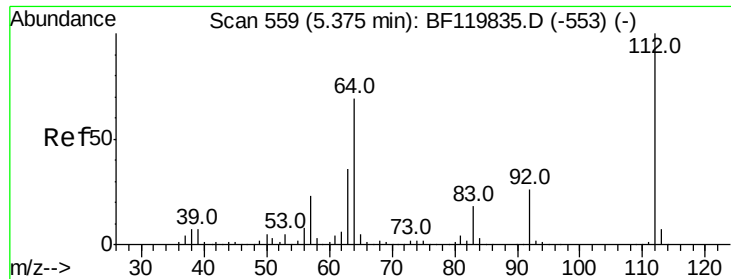
Delta R.T. 0.06 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Tgt Ion:	42	Resp:	187963
Ion Ratio	Lower	Upper	
42	100		
74	113.4	91.5	137.3
44	7.6	6.2	9.4





#5

2-Fluorophenol

Concen: 114.999 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

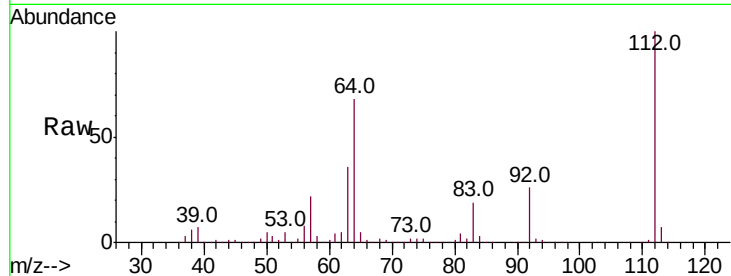
ClientSampleId :

PB128352BS

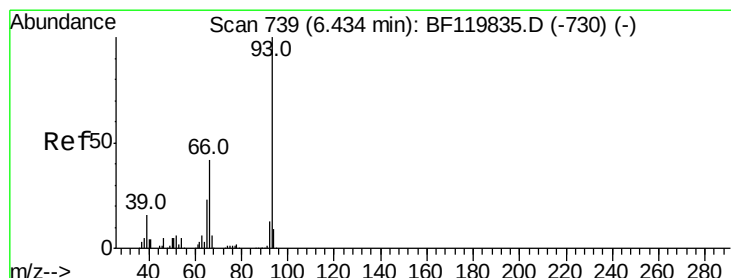
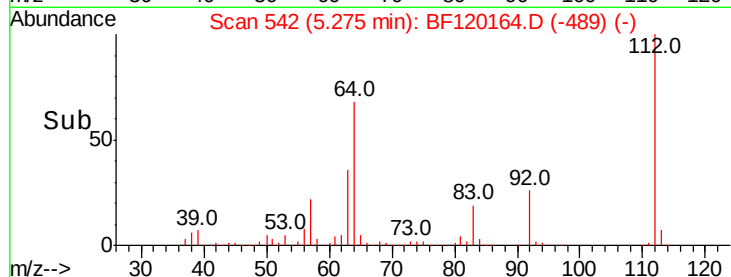
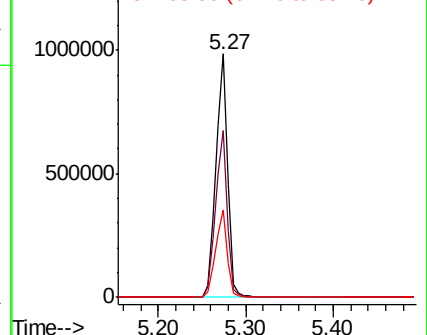
Tot Ion:	112	Resp:	920557
Ion Ratio	Lower	Upper	
112	100		
64	68.3	56.7	85.1
63	36.1	29.5	44.3

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.024 ng

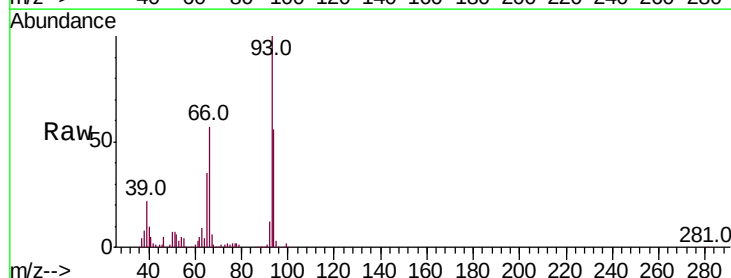
RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

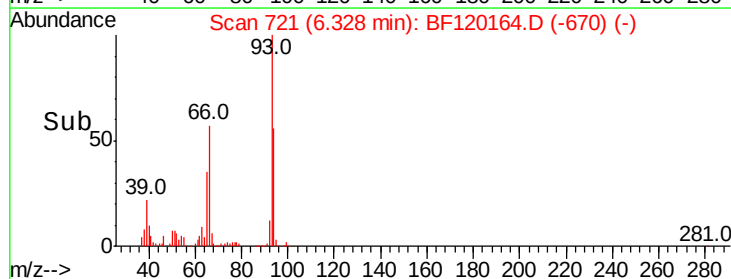
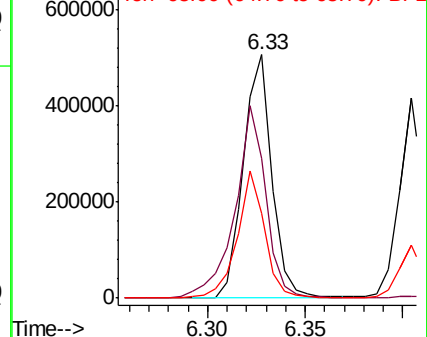
Lab File: BF120164.D

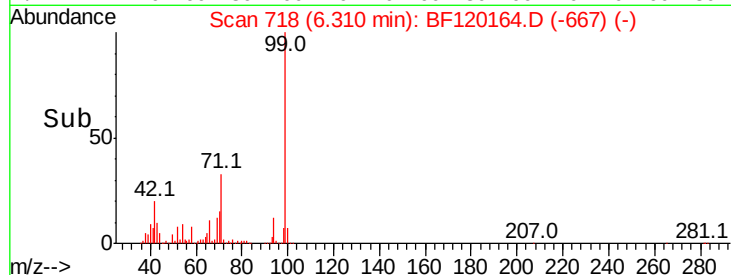
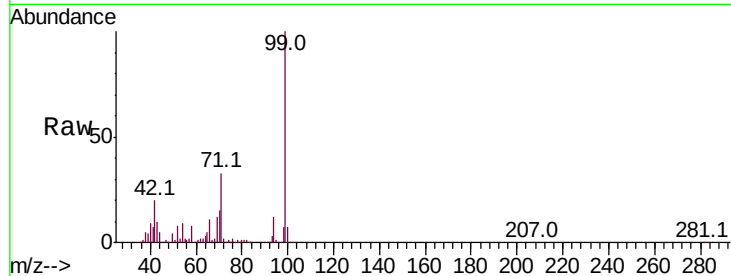
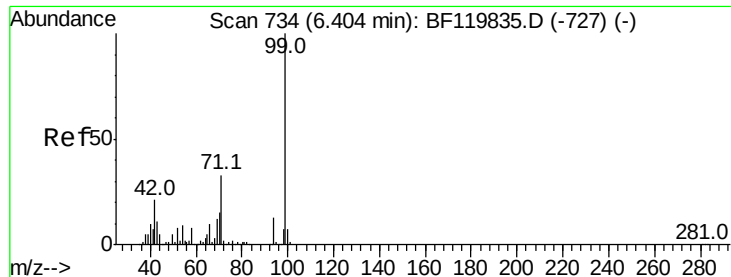
Acq: 23 Apr 2020 15:37

Tgt Ion:	93	Resp:	514783
Ion Ratio	Lower	Upper	
93	100		
66	57.5	34.9	52.3#
65	34.7	18.6	27.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.873 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Tot Ion:	99	Resp:	1174567
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.6	24.8
71	32.6	26.4	39.6

Instrument :

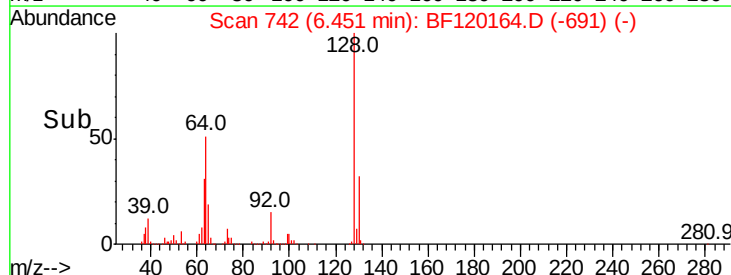
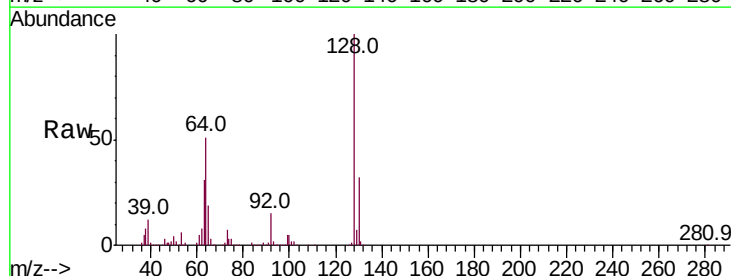
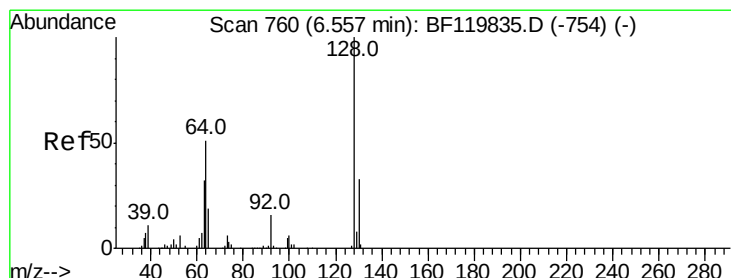
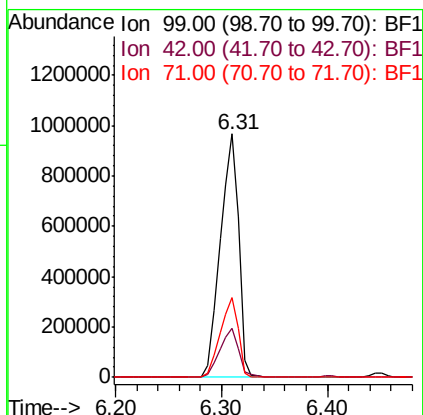
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 41.939 ng

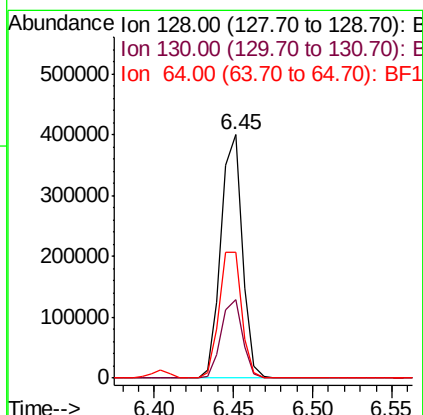
RT: 6.45 min Scan# 742

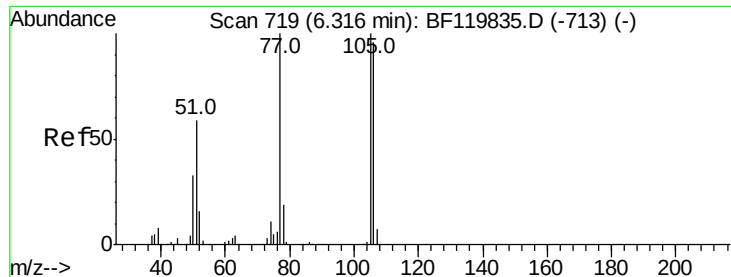
Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Tgt Ion:	128	Resp:	375112
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	51.5	35.3	75.3





#9

Benzaldehyde

Concen: 20.781 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

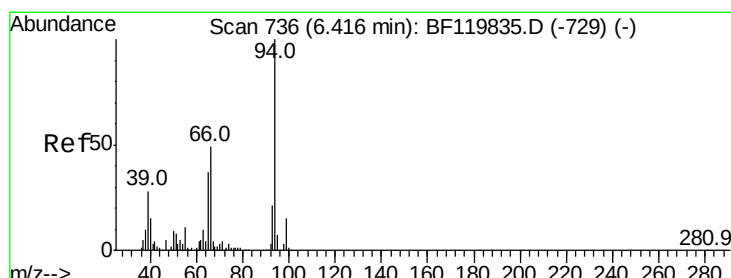
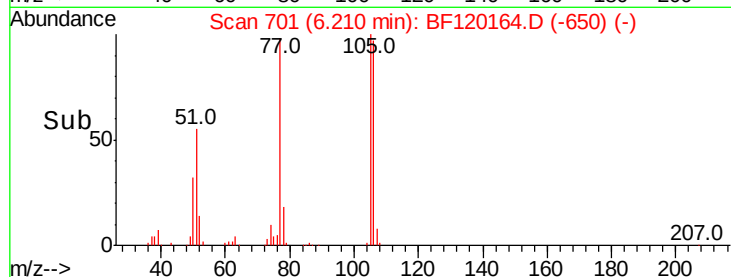
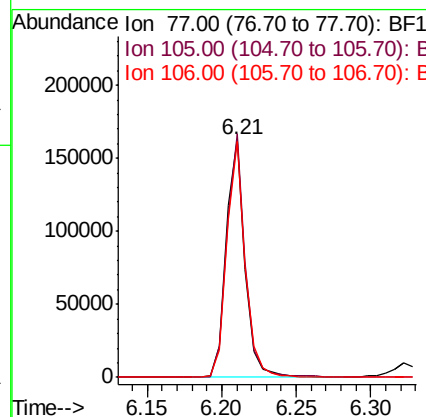
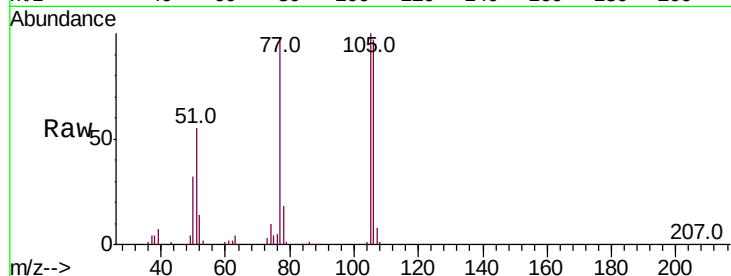
ClientSampleId :

PB128352BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.3	80.9	120.9
106	99.0	77.9	117.9

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#10

Phenol

Concen: 40.849 ng

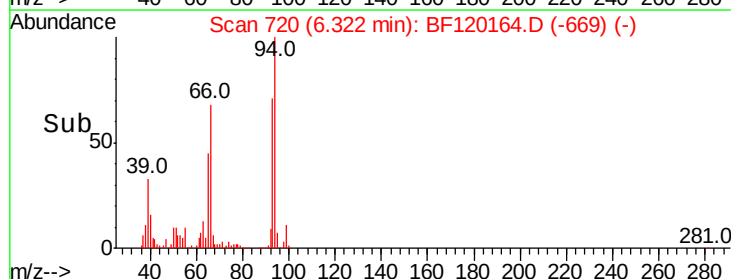
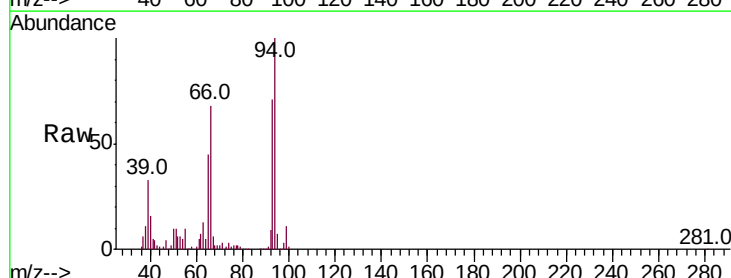
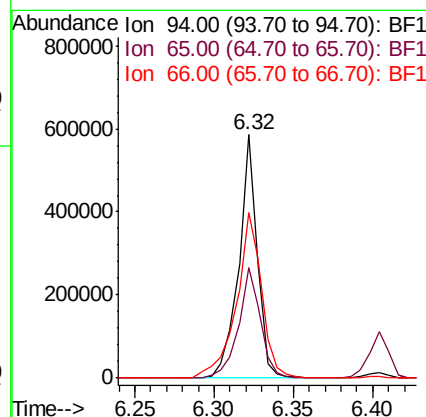
RT: 6.32 min Scan# 720

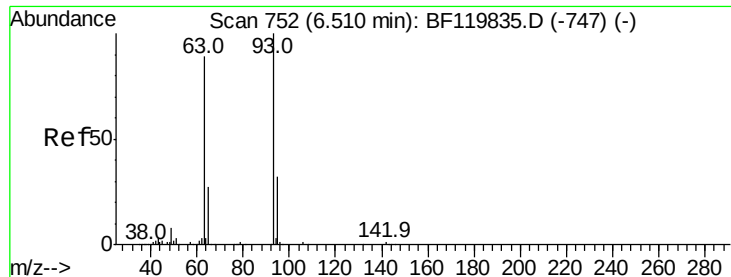
Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	45.3	13.2	53.2
66	68.2	22.3	62.3





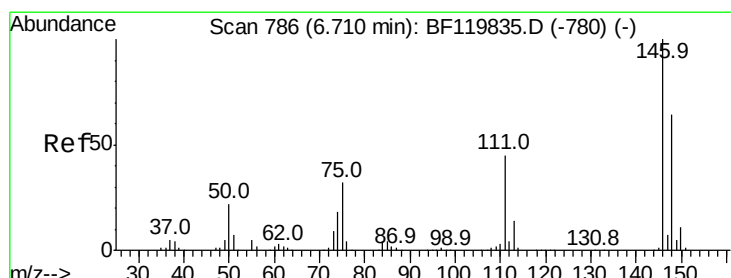
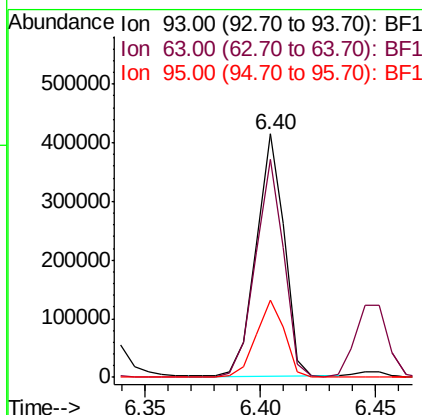
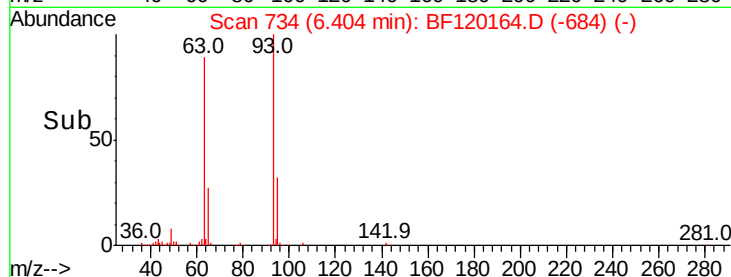
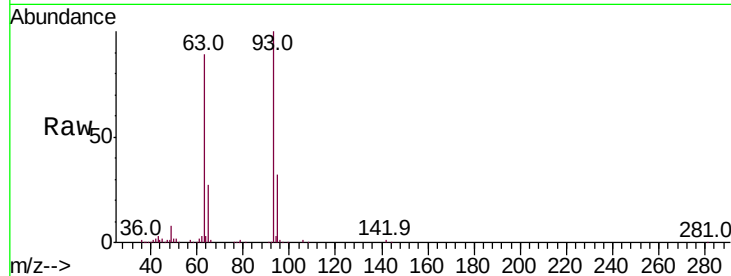
#11
bis(2-Chloroethyl)ether
Concen: 39.057 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion:	93	Resp:	352890
Ion	Ratio	Lower	Upper
93	100		
63	89.3	70.2	110.2
95	31.9	13.4	53.4

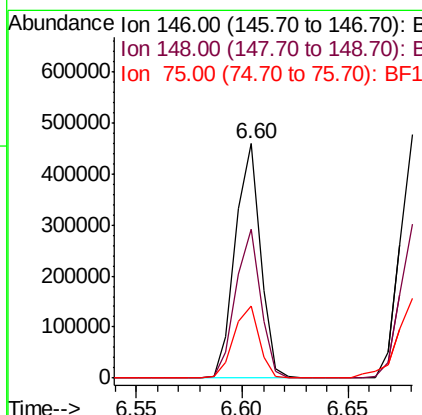
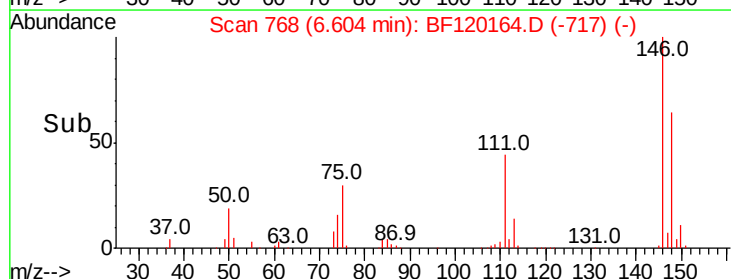
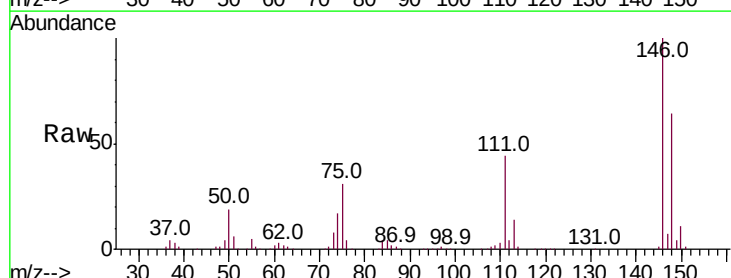
Manual Integrations
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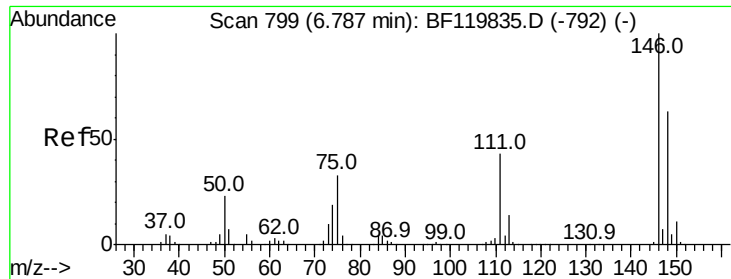
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.436 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:	146	Resp:	376369
Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.4
75	30.7	23.0	34.4





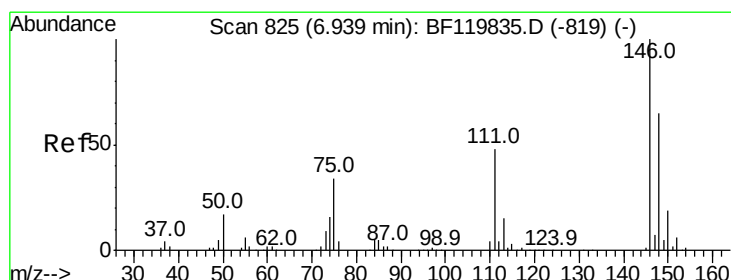
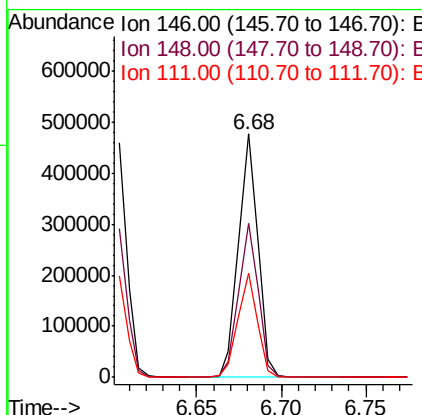
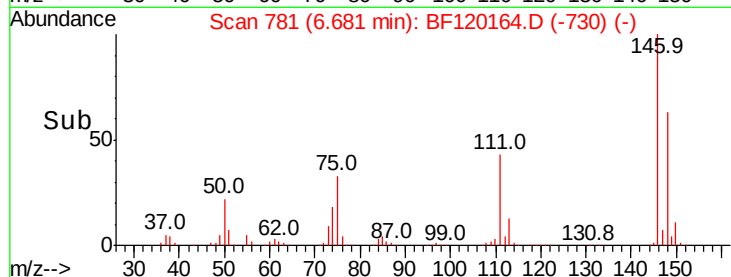
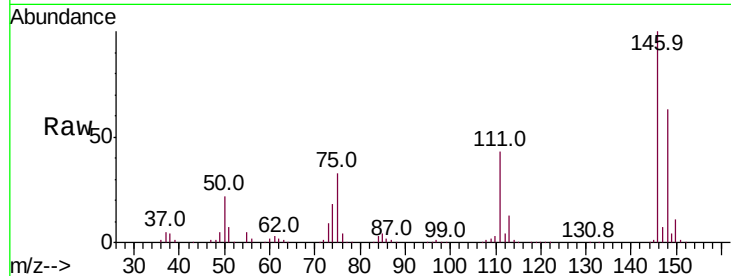
#13
 1,4-Dichlorobenzene
 Concen: 38.336 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
111	42.6	33.3	49.9

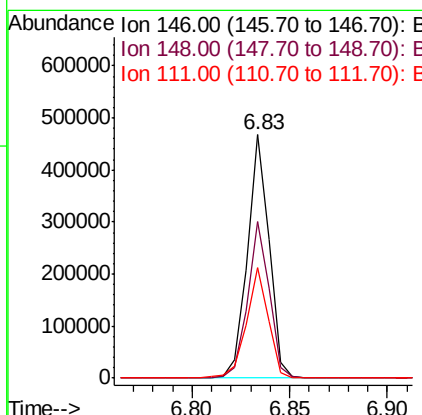
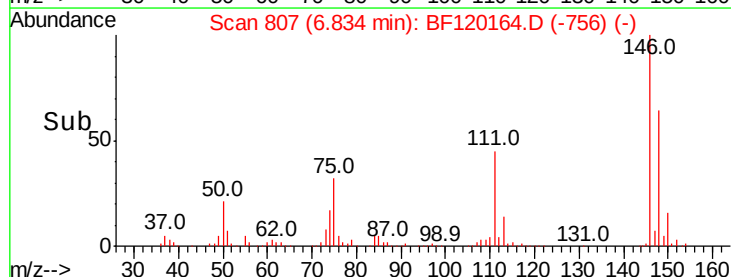
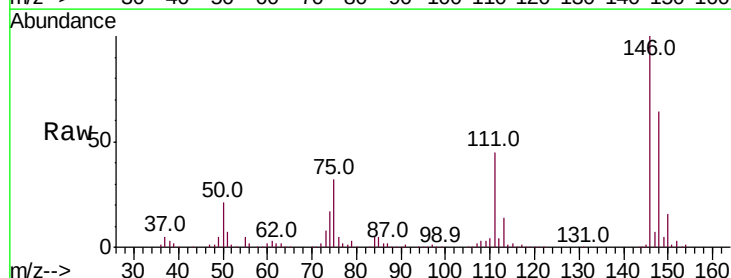
Manual Integrations
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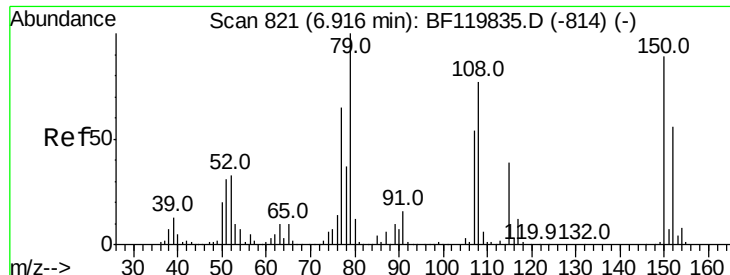
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.905 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	45.4	36.1	54.1





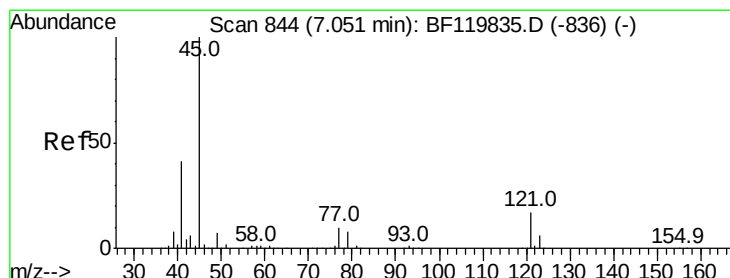
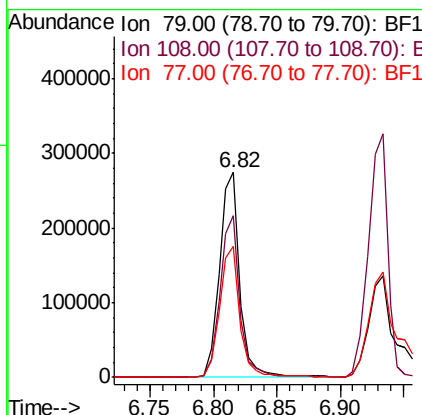
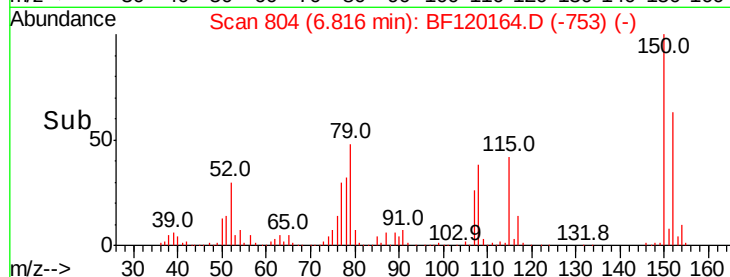
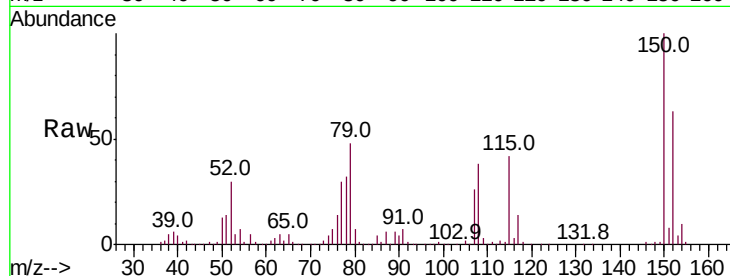
#15
Benzyl Alcohol
Concen: 38.443 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	60.6	90.8
77	63.6	50.2	75.2

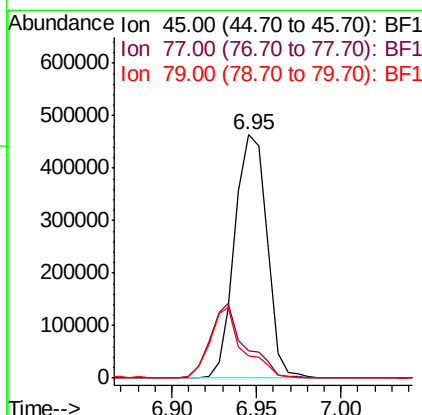
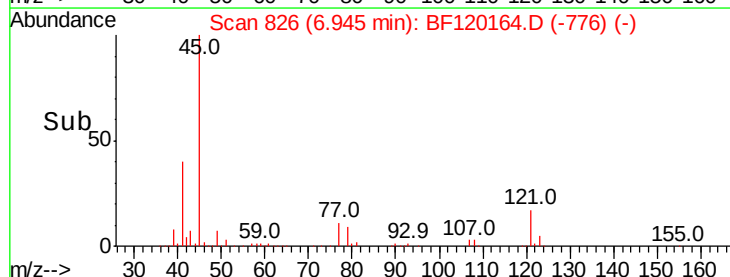
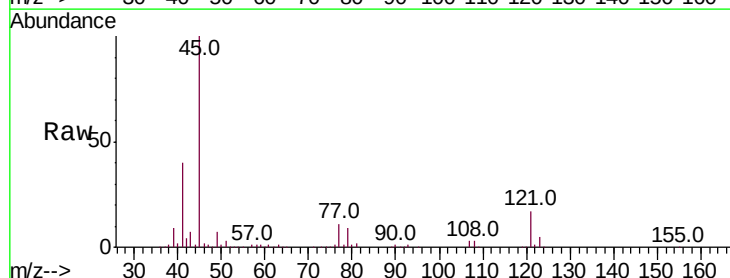
Manual Integrations
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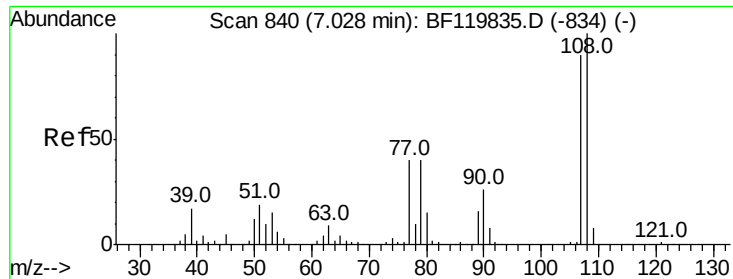
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.290 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	30.7
79	9.3	0.0	28.2





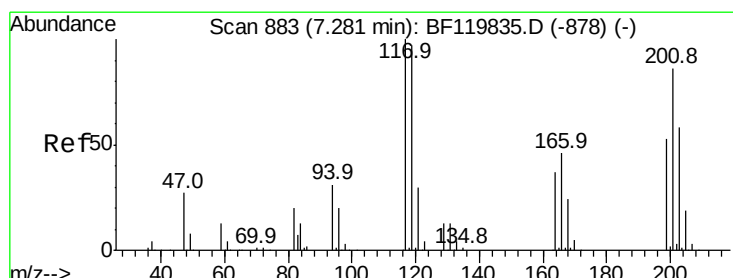
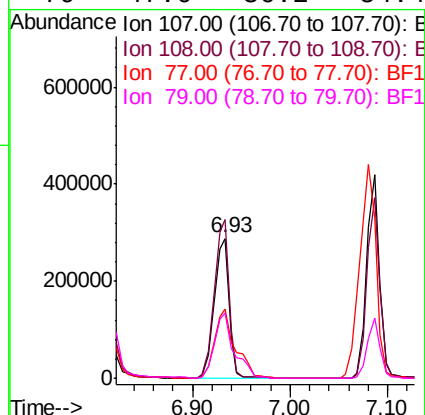
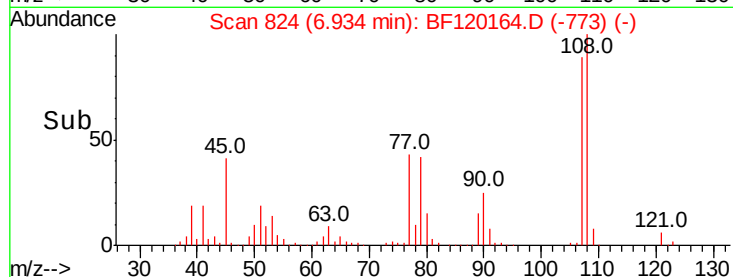
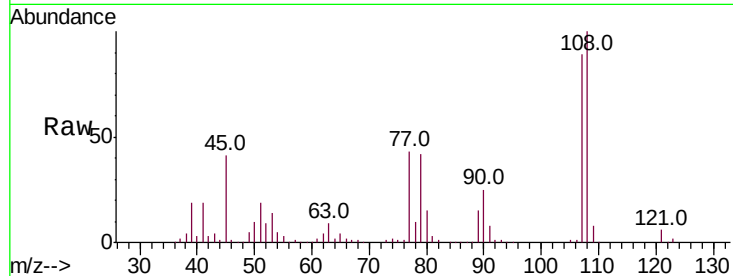
#17
2-Methylphenol
Concen: 38.376 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	92.2	138.4	
77	49.1	36.6	54.8	
79	47.0	36.2	54.4	

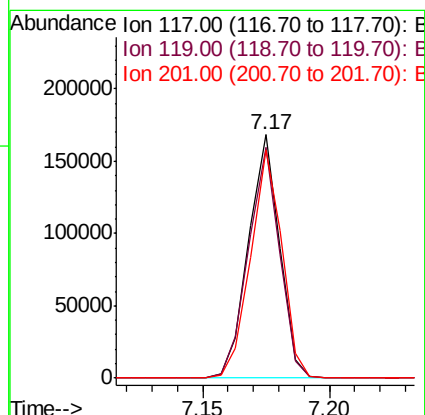
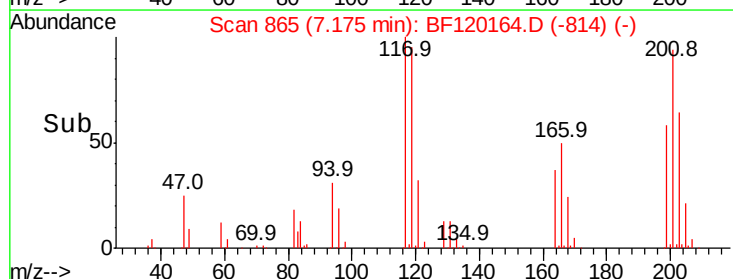
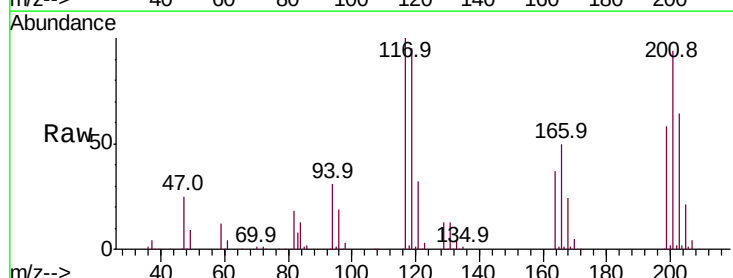
Manual Integrations
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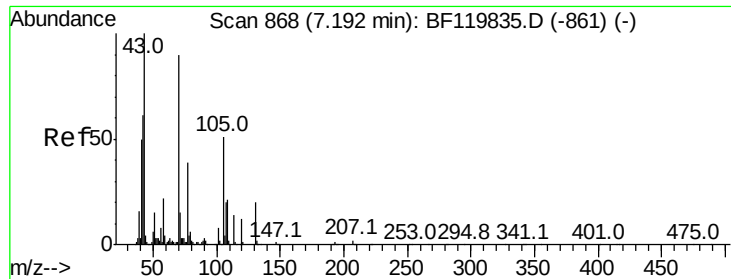
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#18
Hexachloroethane
Concen: 38.574 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	76.1	114.1	
201	93.7	73.0	109.6	





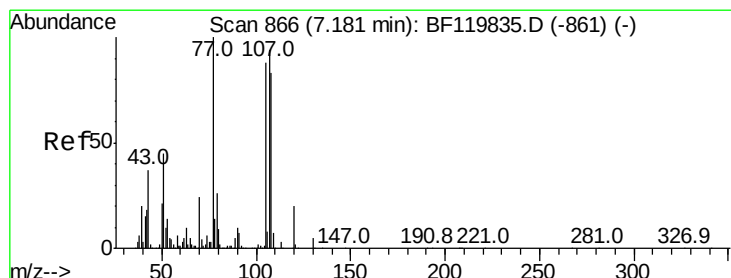
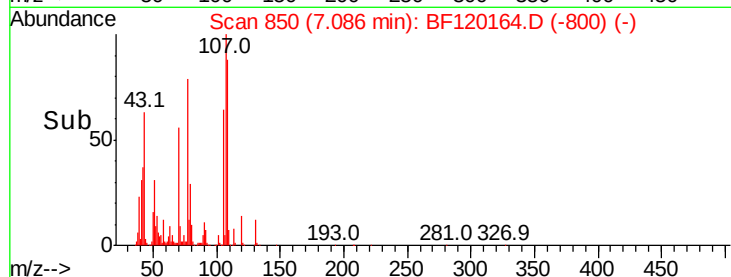
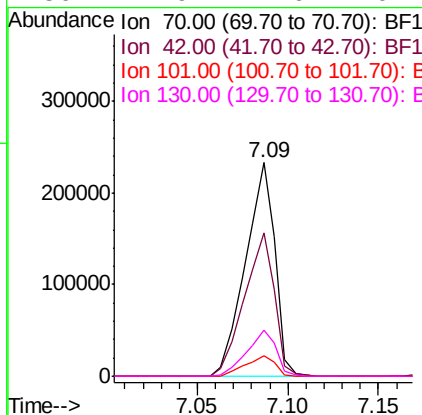
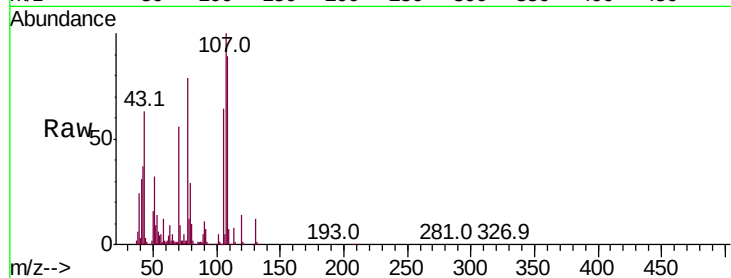
#19
n-Nitroso-di-n-propylamine
Concen: 39.484 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.3	54.5	81.7
101	9.4	7.6	11.4
130	21.9	17.6	26.4

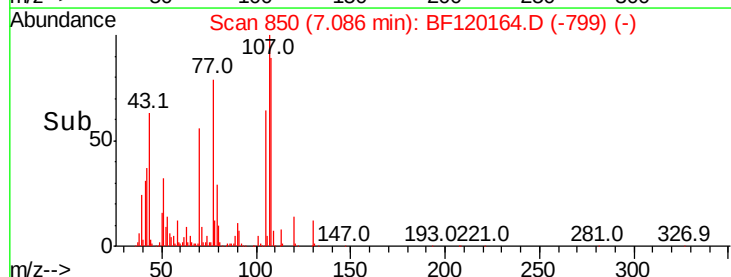
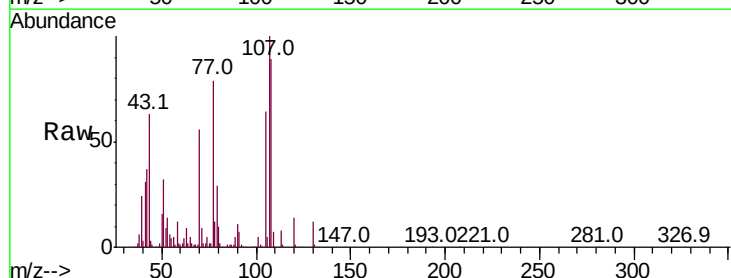
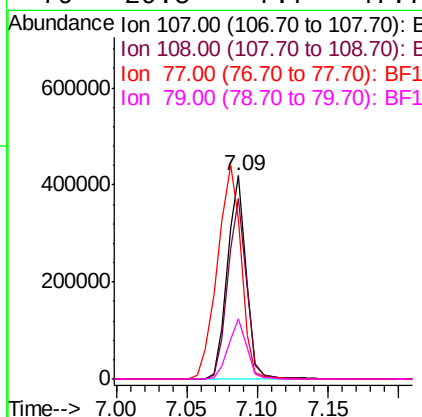
Manual Integrations
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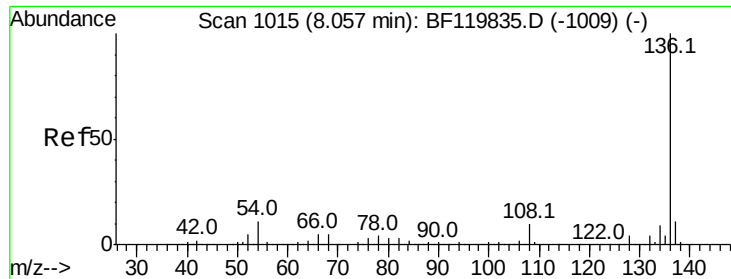
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#20
3+4-Methylphenols
Concen: 39.631 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.9	107.9
77	78.8	52.9	92.9
79	29.5	7.7	47.7





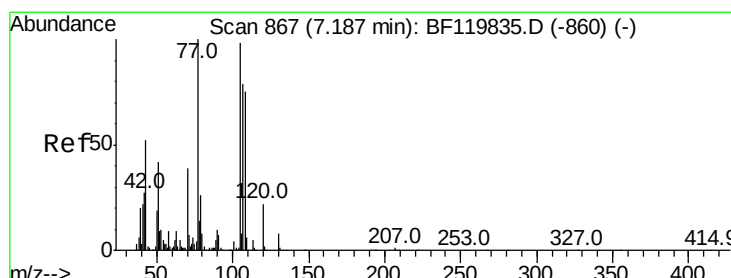
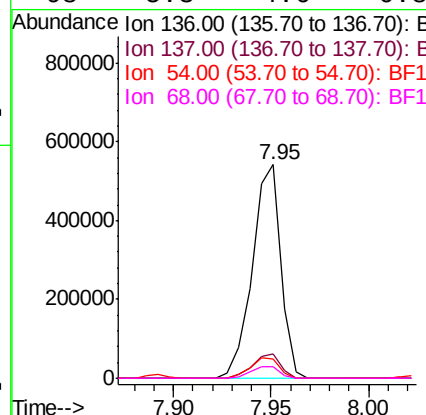
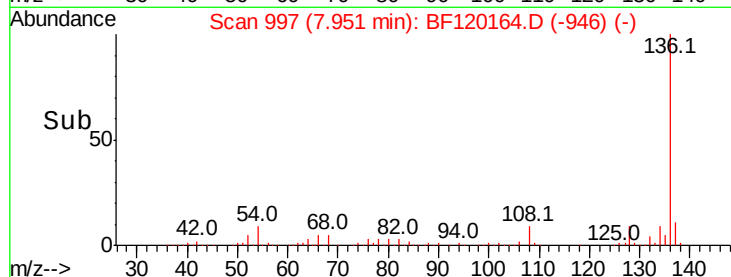
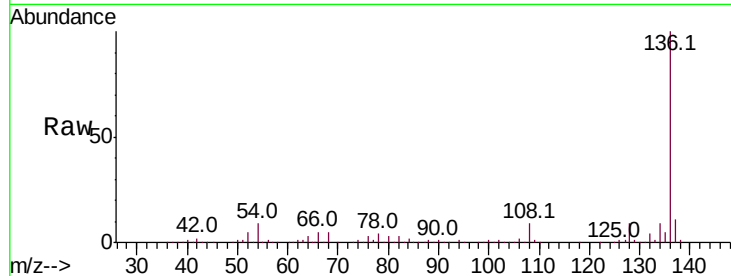
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.7	13.1	
54	9.2	9.1	13.7	
68	5.3	4.6	6.8	

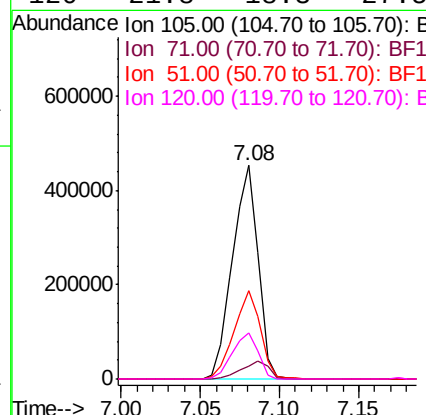
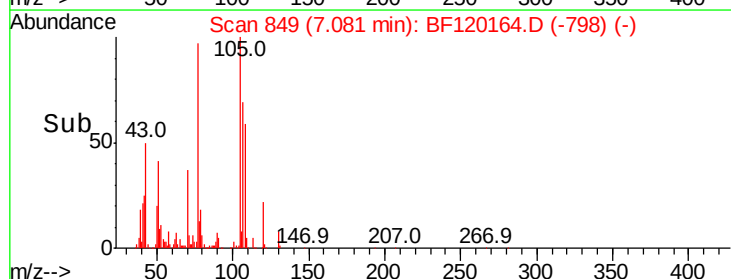
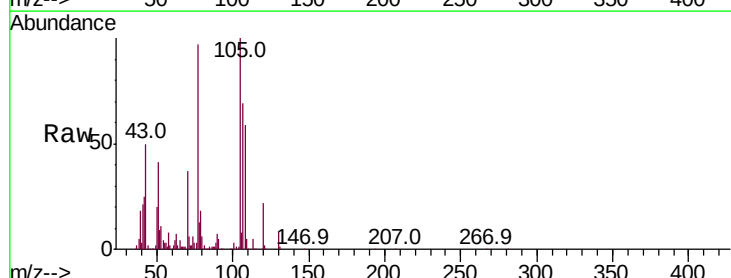
Manual Integrations
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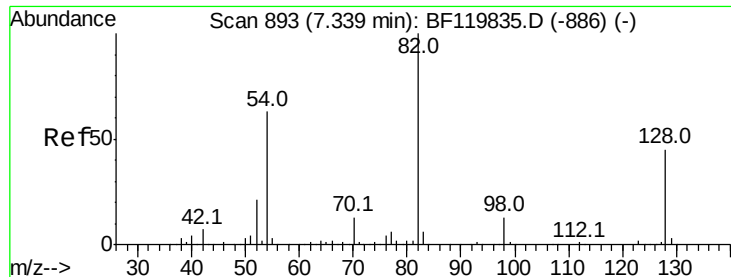
mohammad
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#22
Acetophenone
Concen: 39.667 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	5.7	8.5	
51	41.5	26.2	39.4	
120	21.8	18.3	27.5	





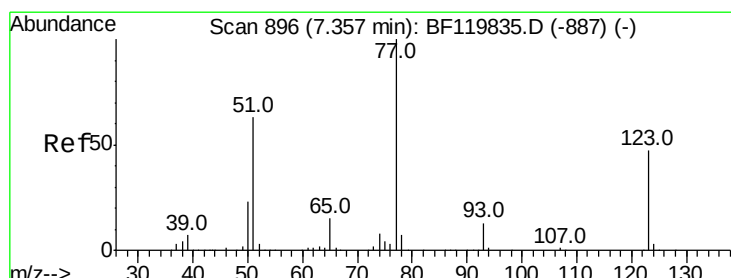
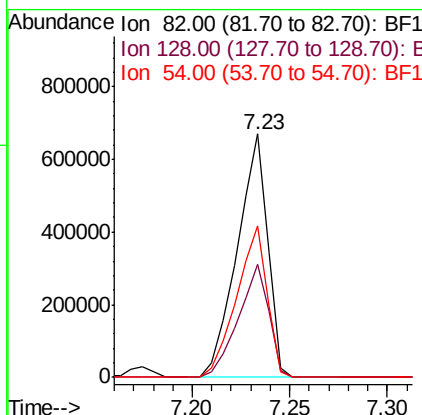
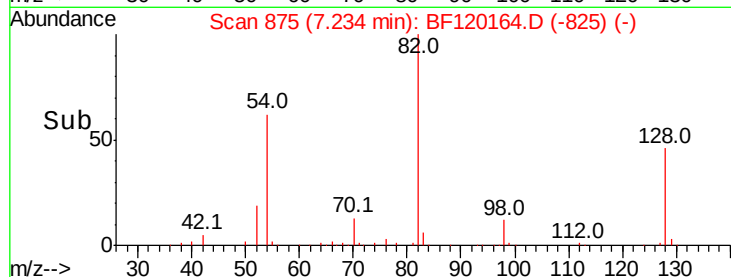
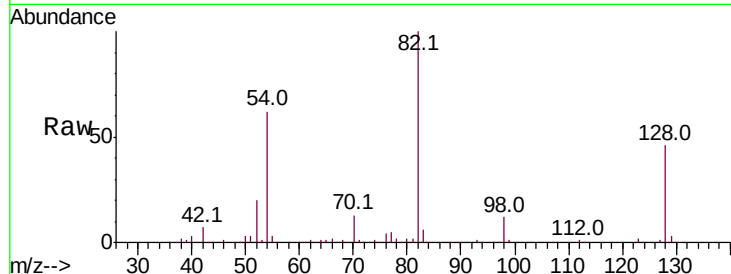
#23
 Nitrobenzene-d5
 Concen: 68.496 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion:	82	Resp:	723191
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.3	54.5
54	62.3	50.6	75.8

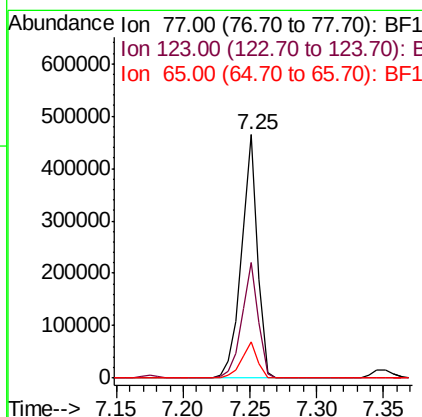
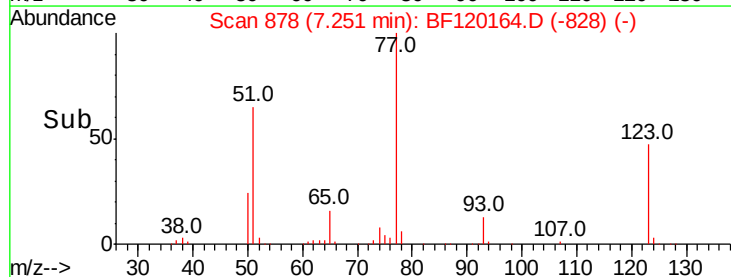
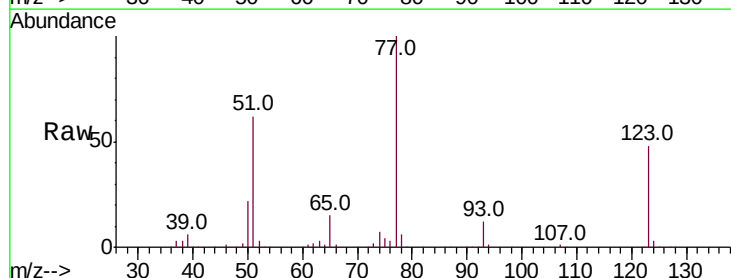
Manual Integrations
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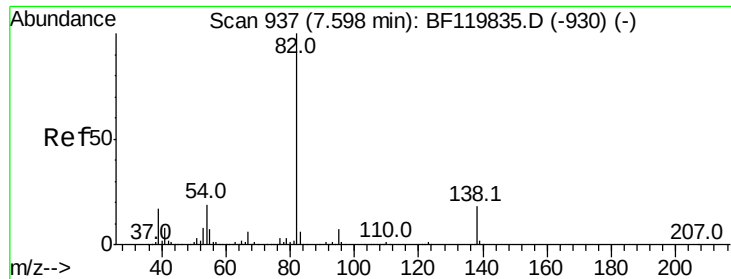
mohammad
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#24
 Nitrobenzene
 Concen: 36.840 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion:	77	Resp:	391285
Ion Ratio	Lower	Upper	
77	100		
123	47.5	38.0	57.0
65	15.1	12.6	18.8





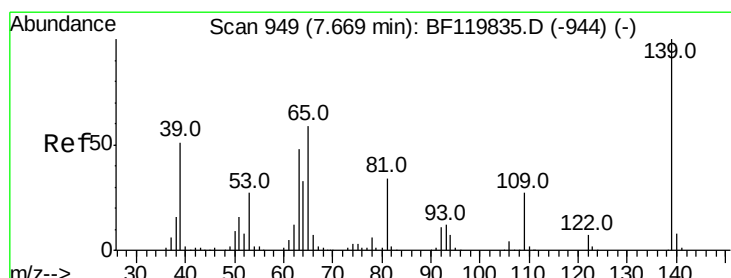
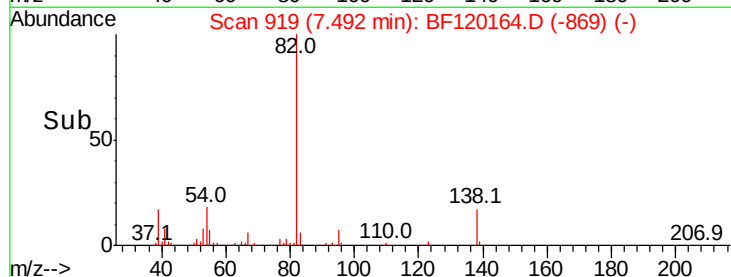
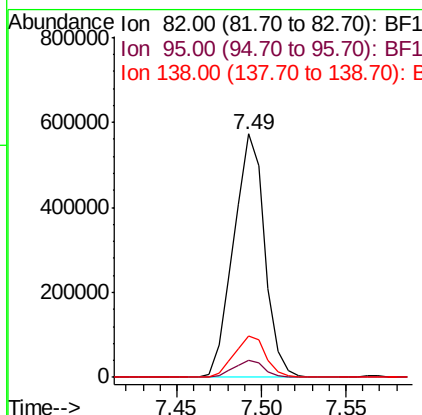
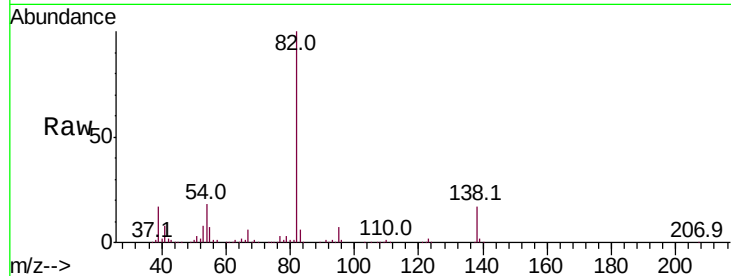
#25
Isophorone
Concen: 36.114 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	82	Resp	735020
Ion Ratio	100	Lower	Upper
82	100		
95	6.8	5.8	8.6
138	17.3	14.6	21.8

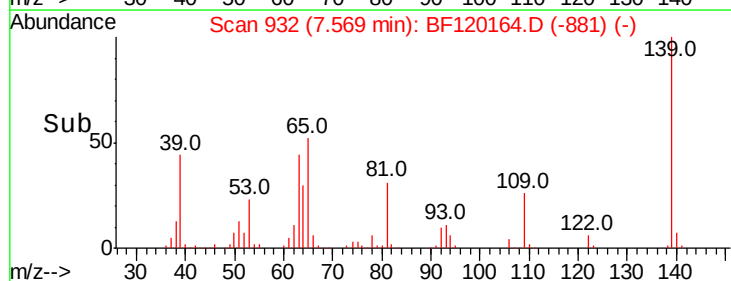
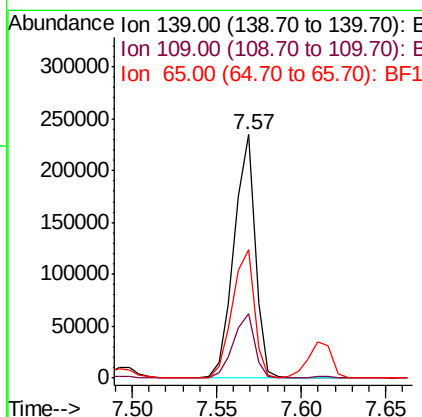
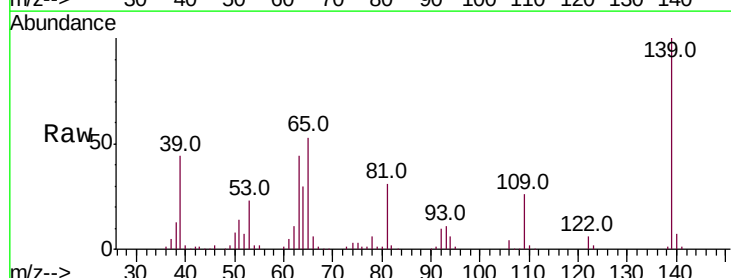
Manual Integrations
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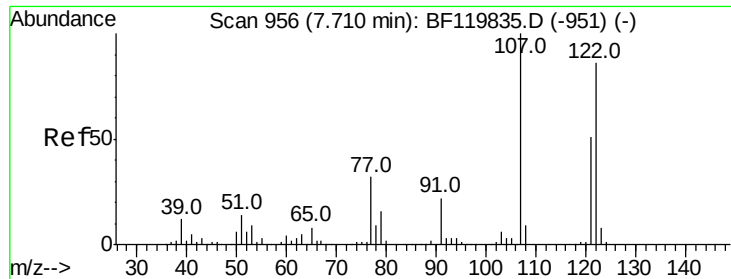
mohammad
4/24/2020 1:34:07 PM



#26
2-Nitrophenol
Concen: 38.581 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	139	Resp	204724
Ion Ratio	100	Lower	Upper
139	100		
109	26.3	22.1	33.1
65	52.6	49.2	73.8





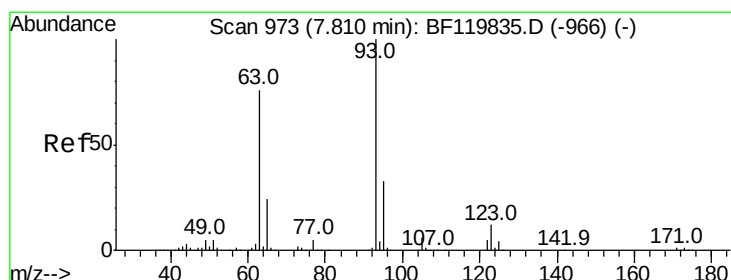
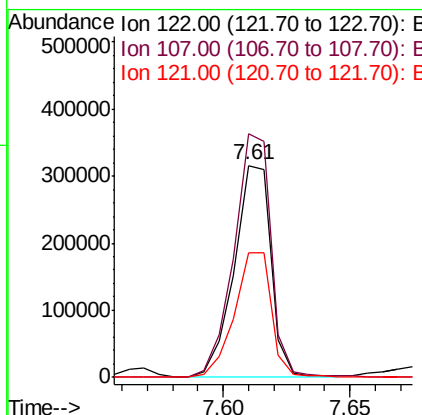
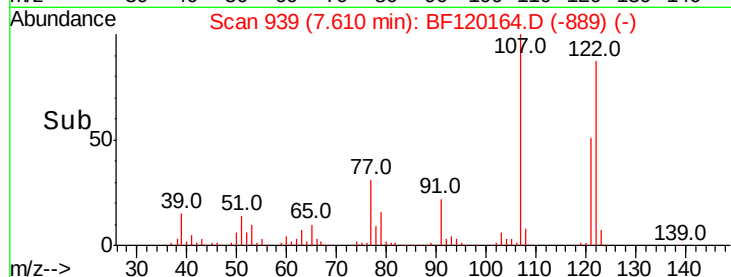
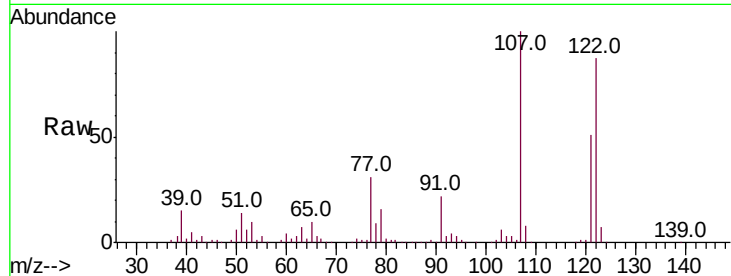
#27
 2,4-Dimethylphenol
 Concen: 40.035 ng
 RT: 7.61 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
320394	122	100			
	107	115.0	89.0	133.6	
	121	59.0	46.7	70.1	

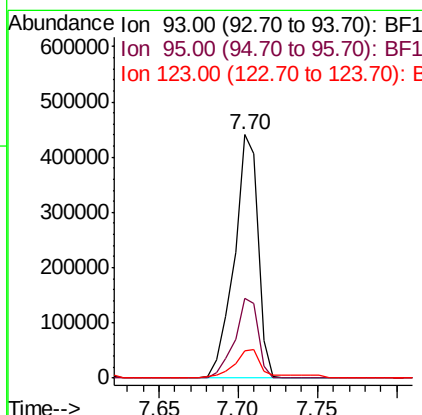
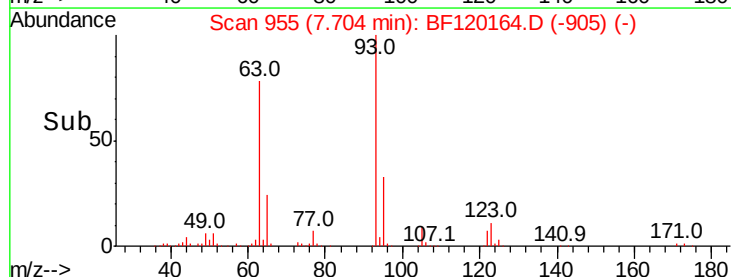
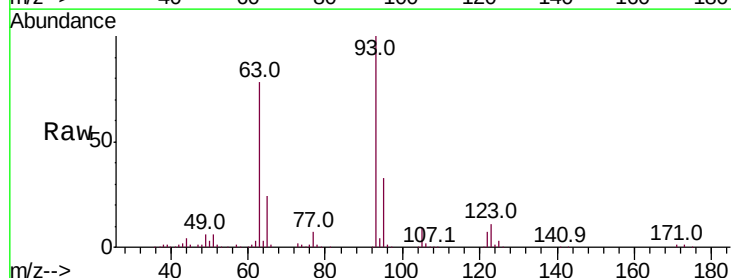
Manual Integrations
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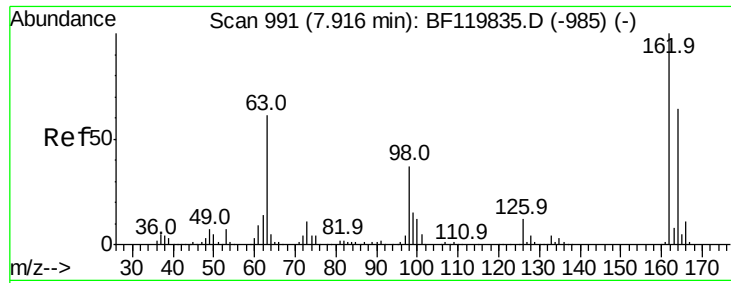
mohammad
 4/24/2020 1:34:07 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.303 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
458740	93	100			
	95	32.7	26.3	39.5	
	123	11.5	9.7	14.5	





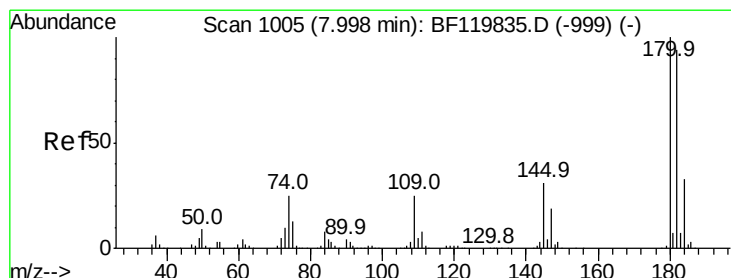
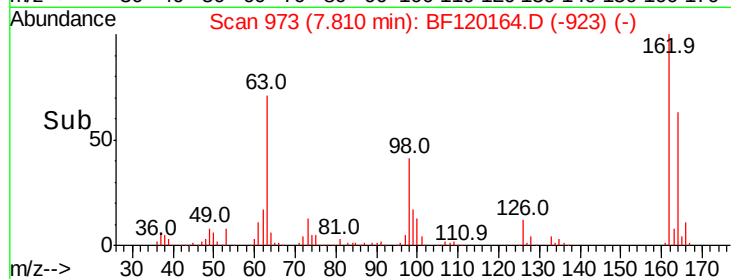
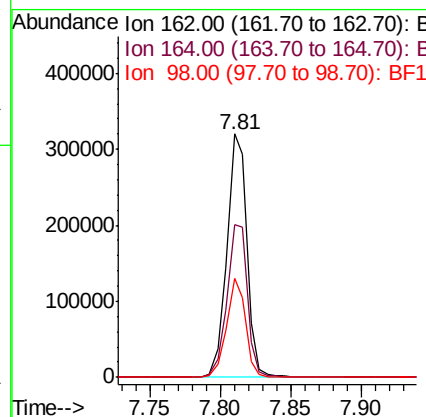
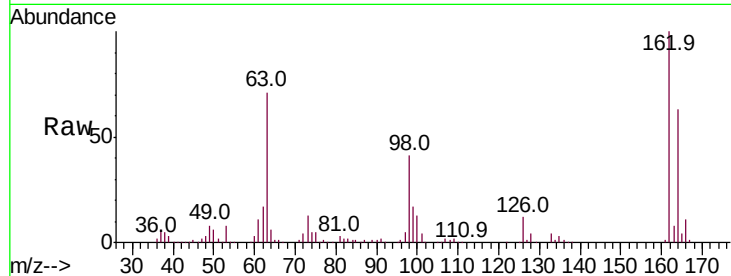
#29
 2,4-Dichlorophenol
 Concen: 38.341 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	314522		
164	62.6	44.7	84.7	
98	40.8	20.7	60.7	

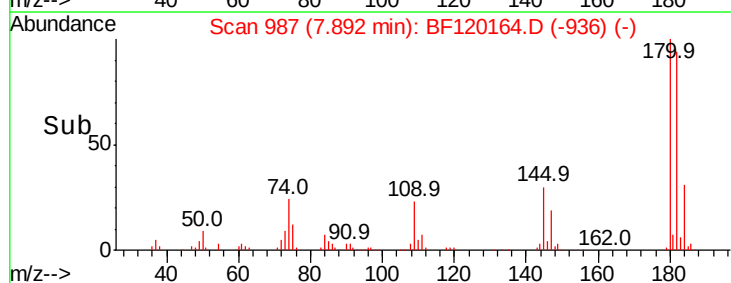
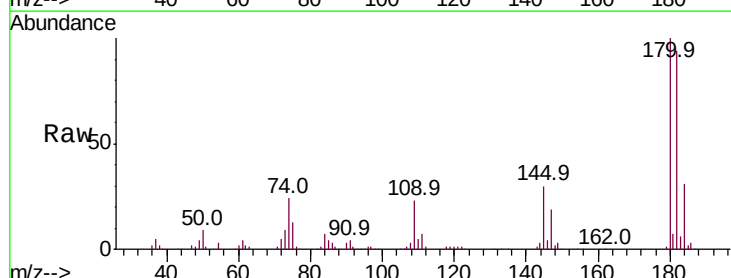
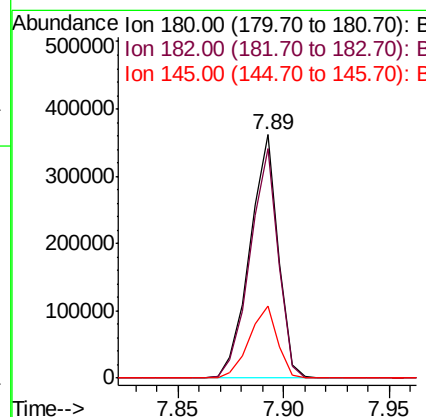
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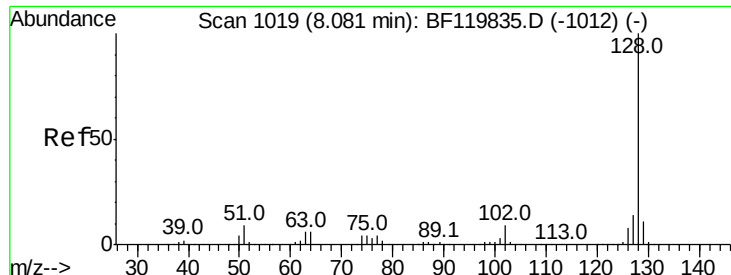
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.153 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	336041		
182	94.1	74.7	112.1	
145	29.9	24.5	36.7	





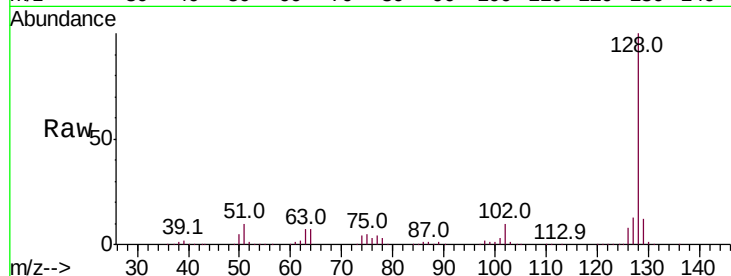
#31
Naphthalene
Concen: 37.095 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.0	11.3	16.9

Manual Integrations
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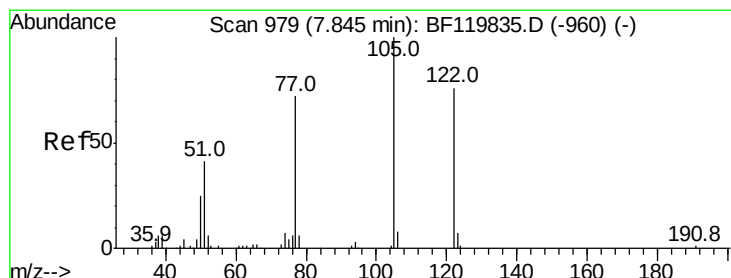
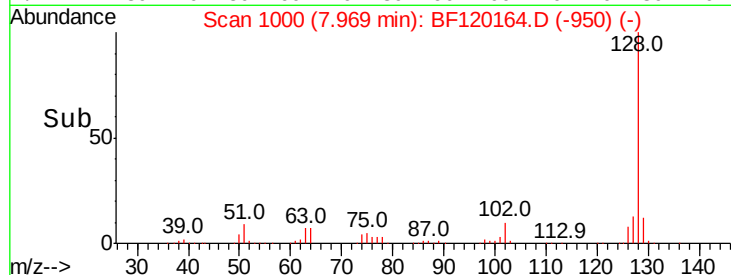
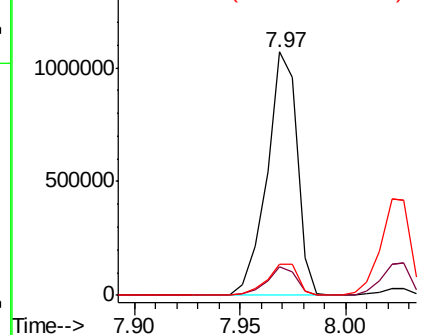


Abundance

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: 32.060 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

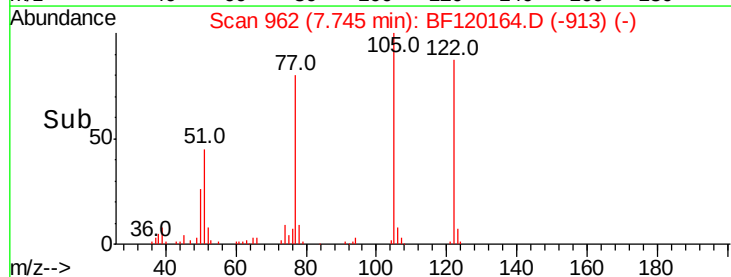
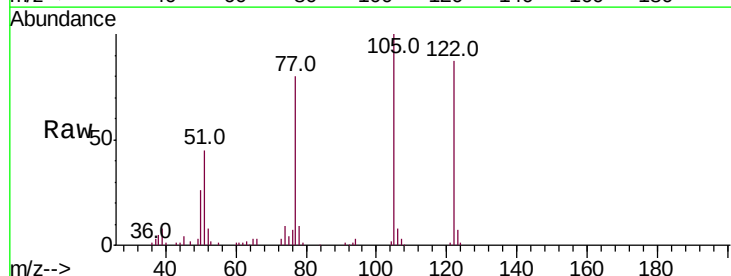
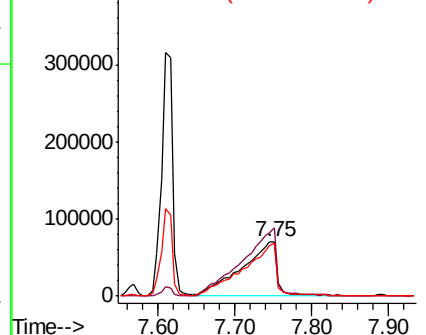
Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.7	104.9	144.9
77	91.7	74.4	114.4

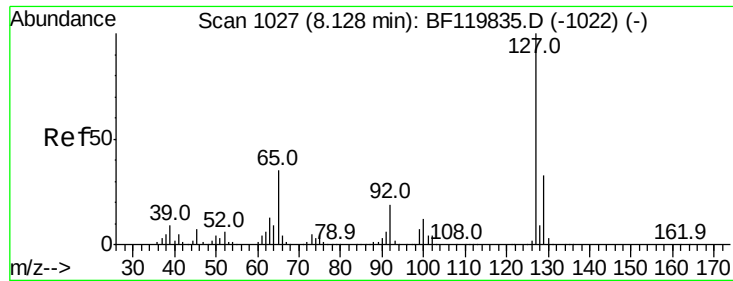
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





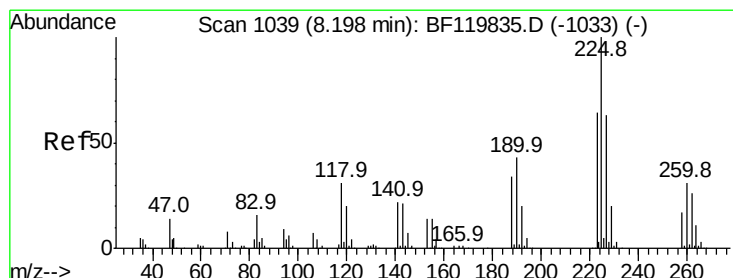
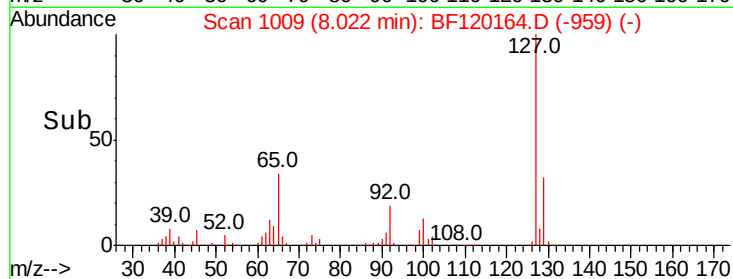
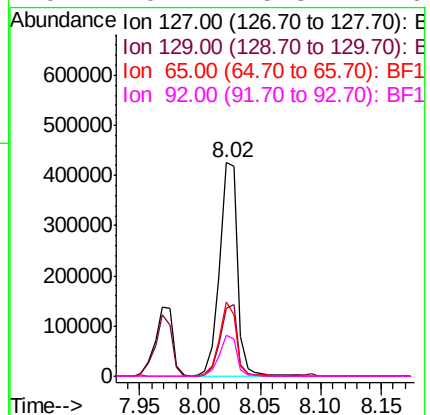
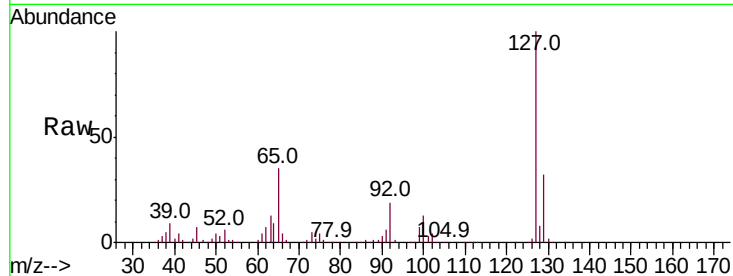
#33
4-Chloroaniline
Concen: 34.474 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
431294	127	100			
	129	31.6	26.2	39.4	
	65	34.7	27.4	41.0	
	92	19.4	15.3	22.9	

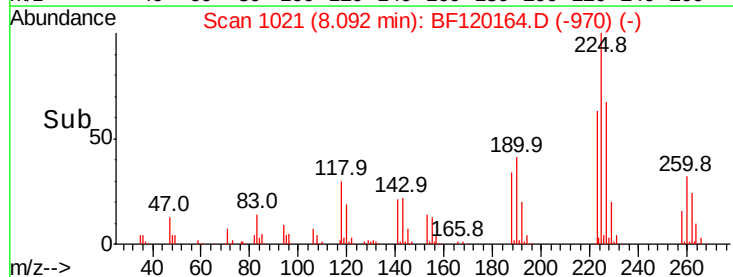
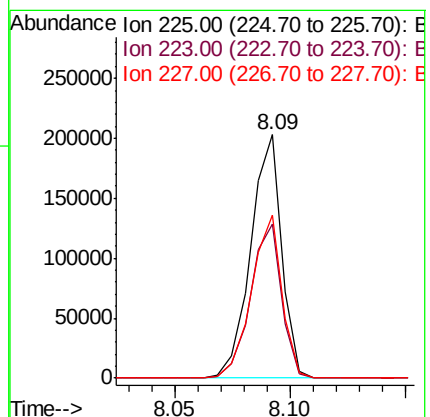
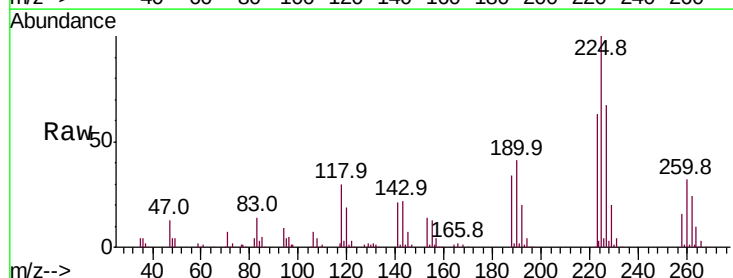
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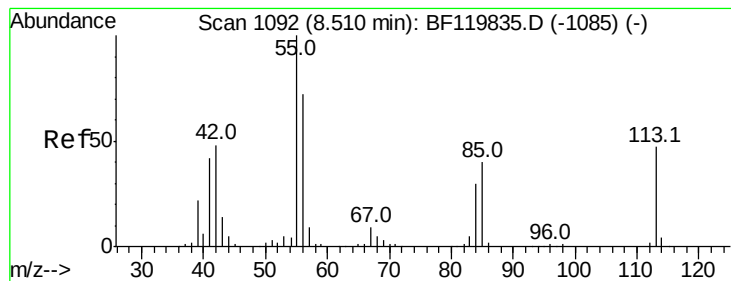
mohammad
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#34
Hexachlorobutadiene
Concen: 34.067 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
189550	225	100			
	223	63.2	51.0	76.6	
	227	66.9	50.7	76.1	





#35

Caprolactam

Concen: 39.125 ng/mL

RT: 8.40 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleID :

PB128352BS

Tot Ion:113 Resp: 98177

Ion Ratio Lower Upper

113 100

55 219.3 218.4 258.4

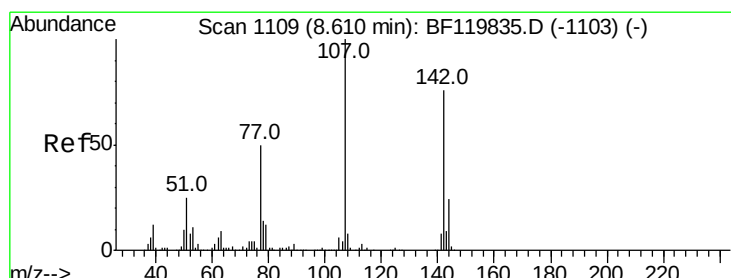
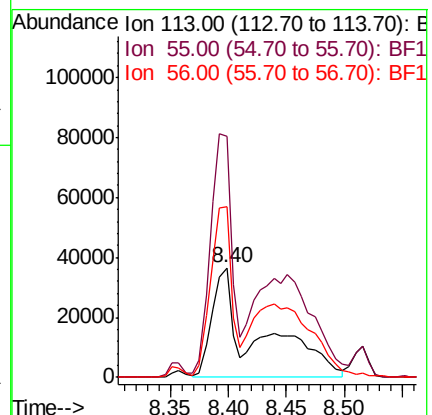
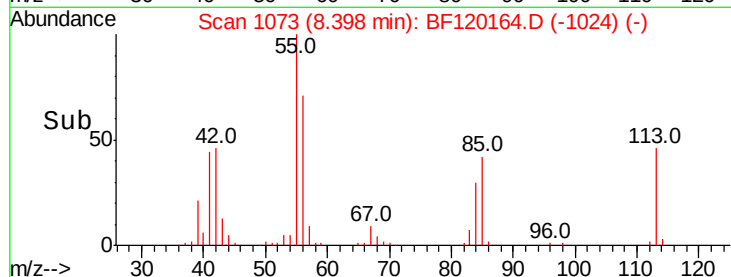
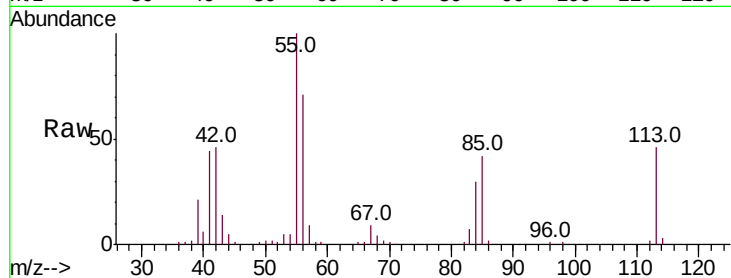
56 154.9 148.9 188.9

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 39.208 ng/mL

RT: 8.52 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

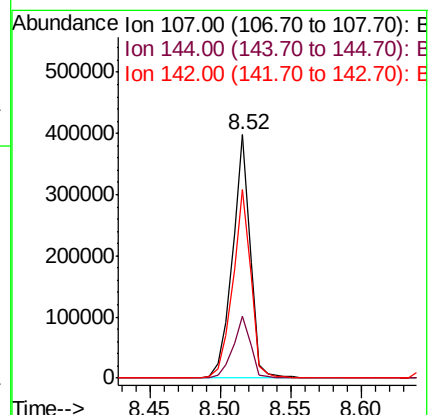
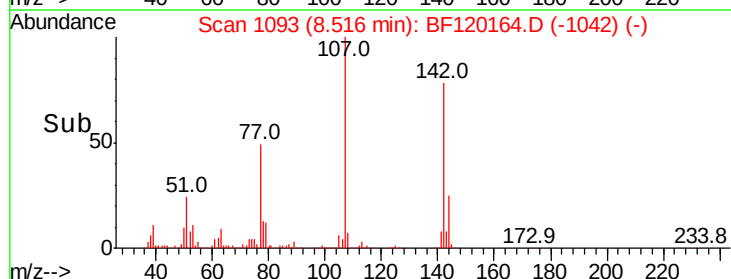
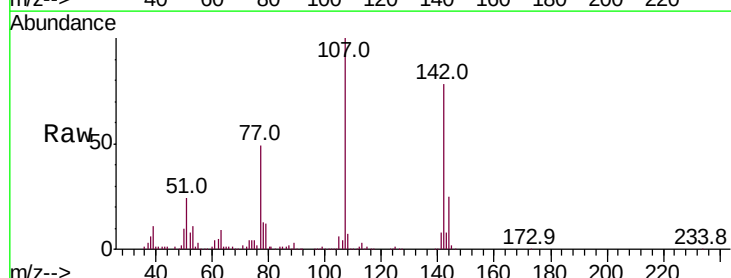
Tgt Ion:107 Resp: 348222

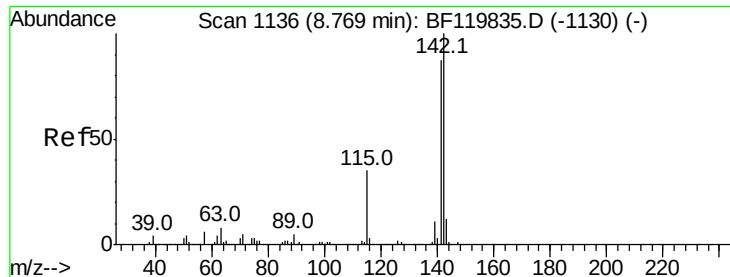
Ion Ratio Lower Upper

107 100

144 25.1 21.0 31.6

142 77.7 64.4 96.6





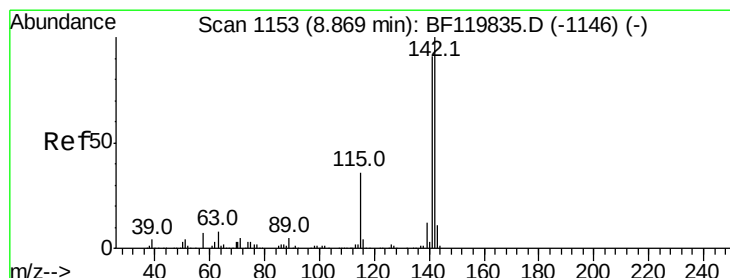
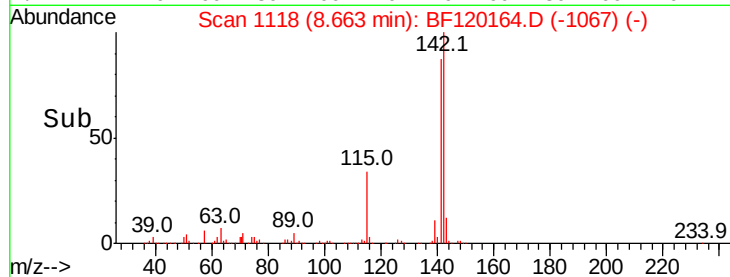
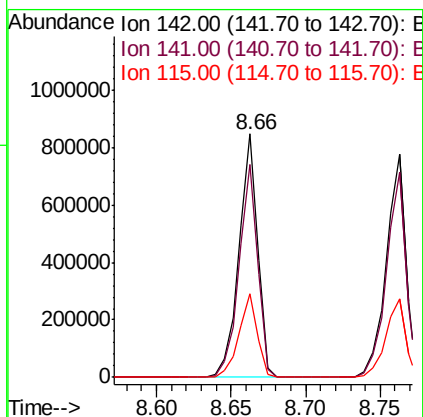
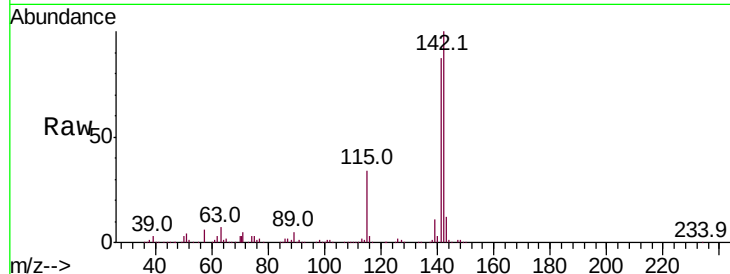
#37
2-Methylnaphthalene
Concen: 38.096 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.7	107.5
115	34.1	27.9	41.9

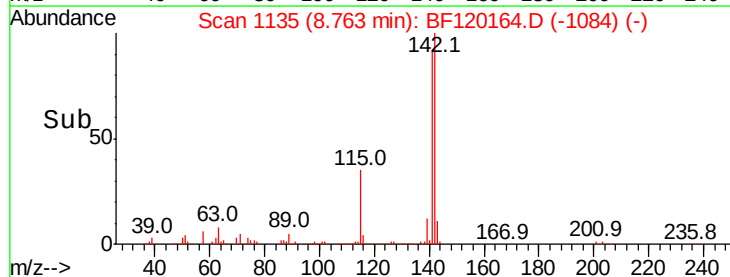
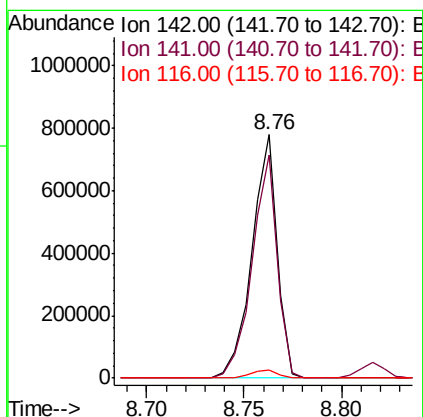
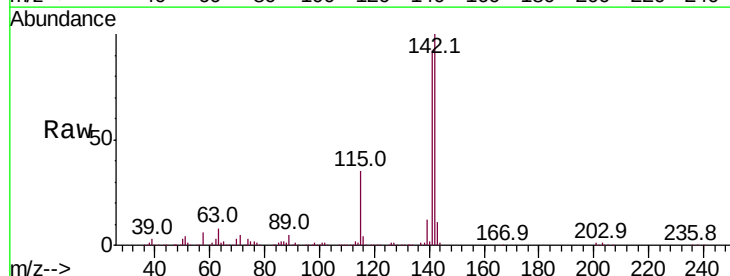
Manual Integrations
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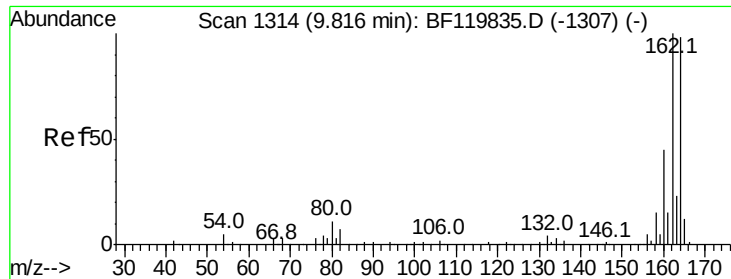
mohammad
4/24/2020 1:34:07 PM



#38
1-Methylnaphthalene
Concen: 37.893 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.7	110.5
116	3.6	3.0	4.6





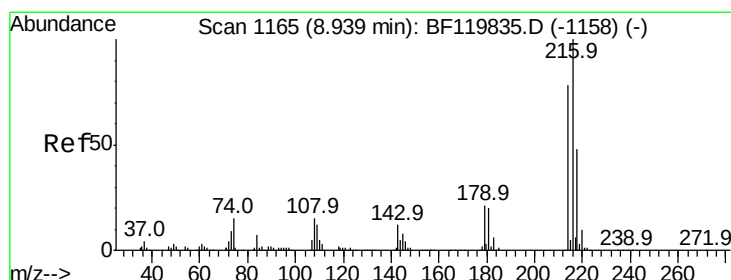
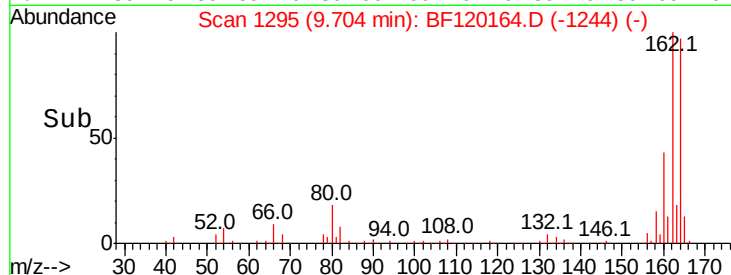
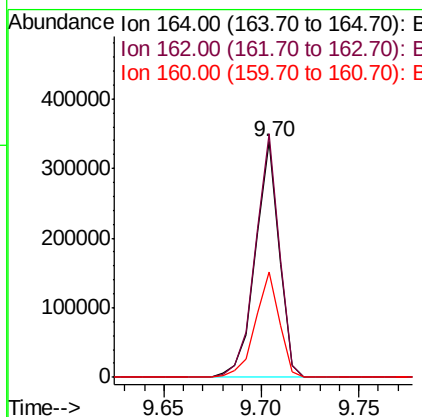
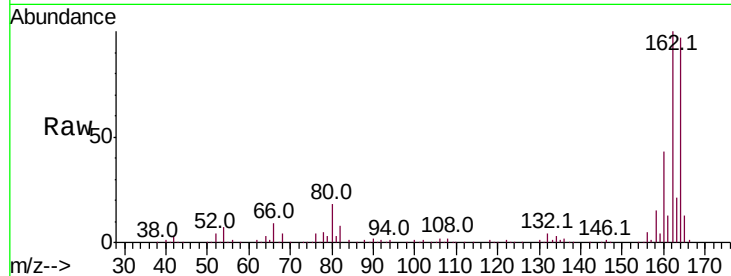
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.6	121.0
160	44.4	35.7	53.5

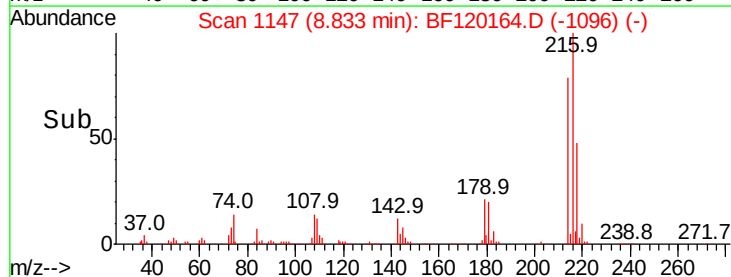
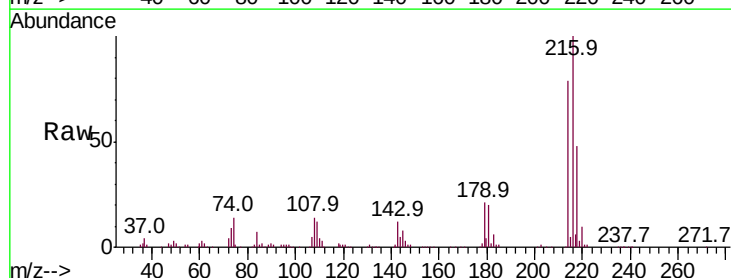
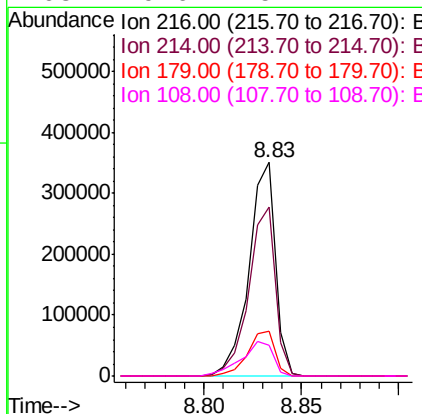
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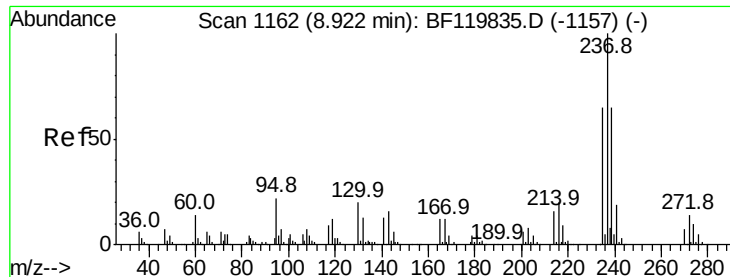
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.415 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.2	94.8
179	21.6	17.1	25.7
108	19.6	15.1	22.7





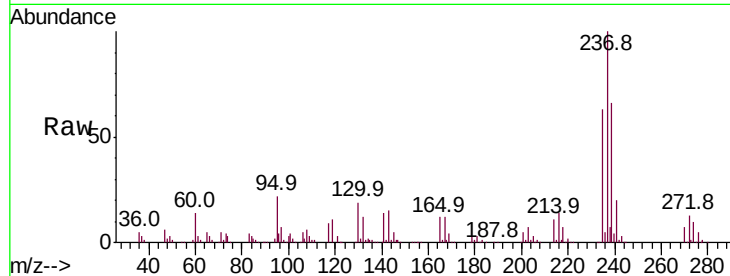
#41
Hexachlorocyclopentadiene
Concen: 65.906 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

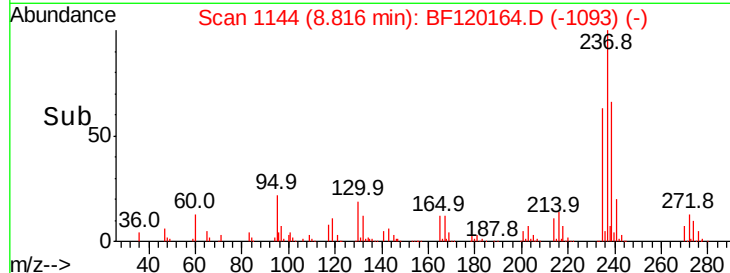
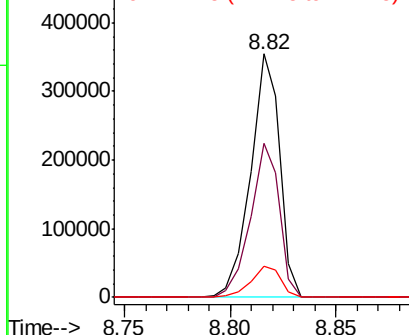
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	43.2	83.2
272	12.9	0.0	34.1

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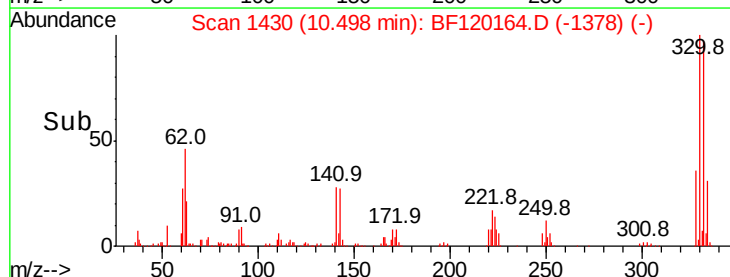
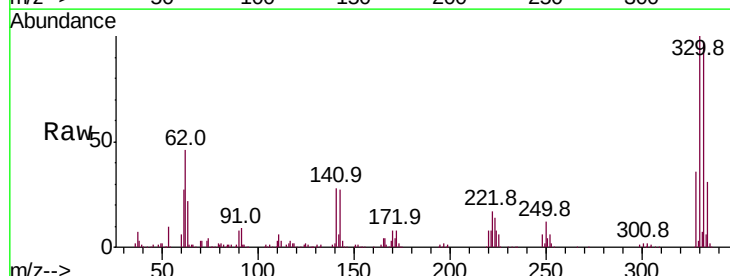
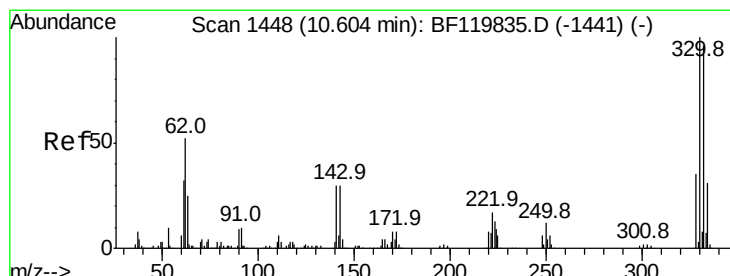
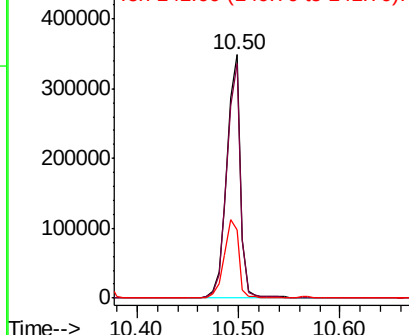
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

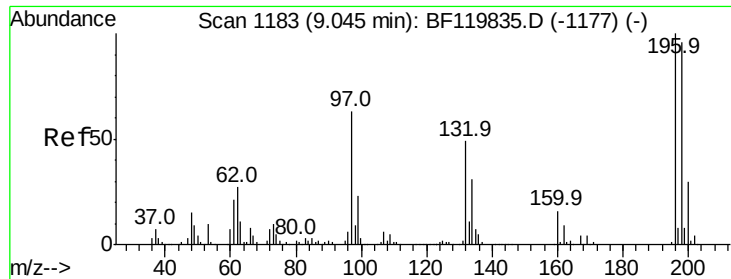


#42
2,4,6-Tribromophenol
Concen: 93.409 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.2	75.7	113.5
141	34.2	25.4	38.0

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





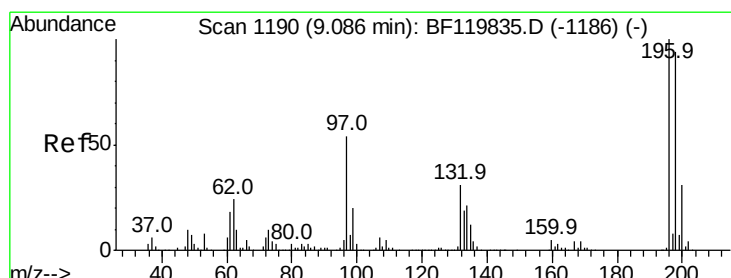
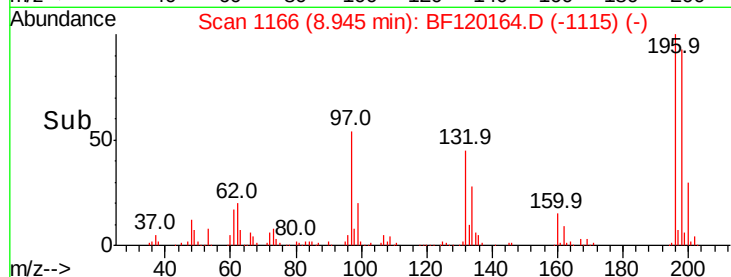
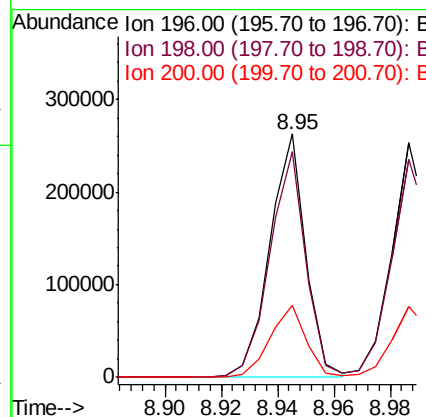
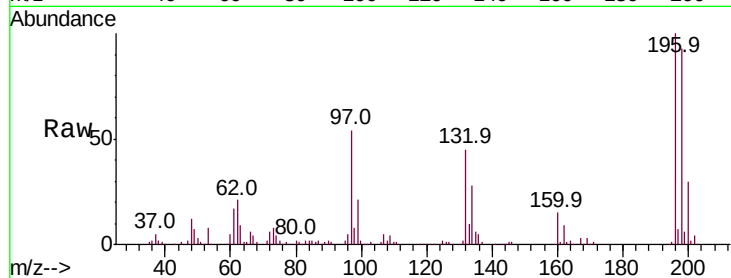
#43
 2,4,6-Trichlorophenol
 Concen: 36.718 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	229887		
198	92.6	76.6	115.0	
200	29.8	24.6	36.8	

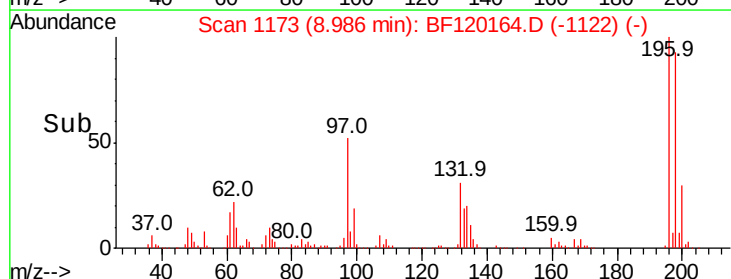
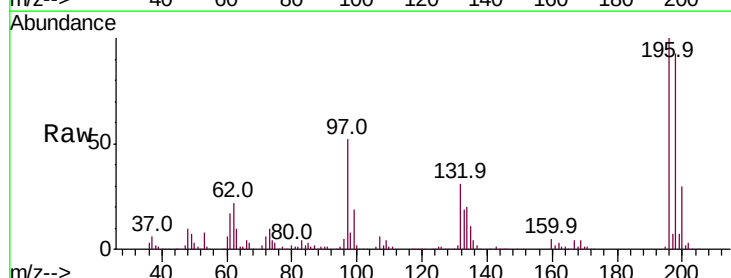
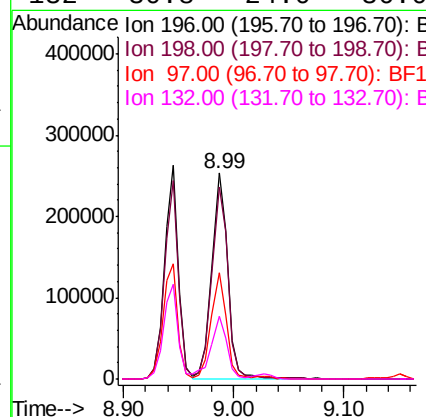
Manual Integrations
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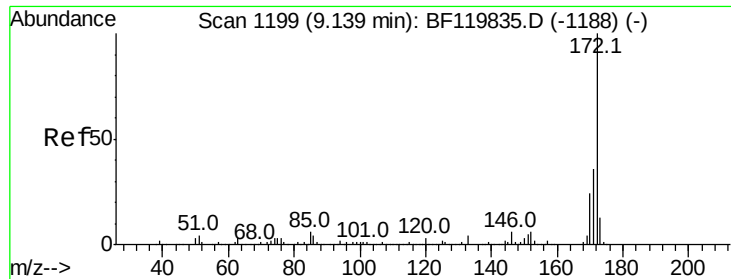
mohammad
 4/24/2020 1:34:07 PM



#44
 2,4,5-Trichlorophenol
 Concen: 34.802 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245408		
198	93.1	73.8	110.8	
97	51.9	42.6	63.8	
132	30.8	24.0	36.0	





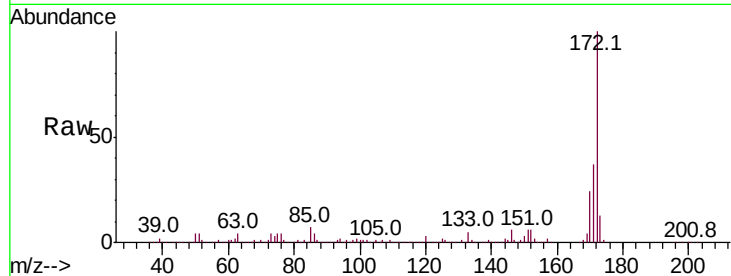
#45
2-Fluorobiphenyl
Concen: 72.356 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.2	20.2	30.2

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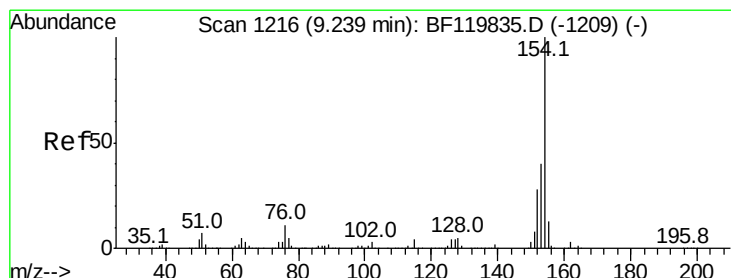
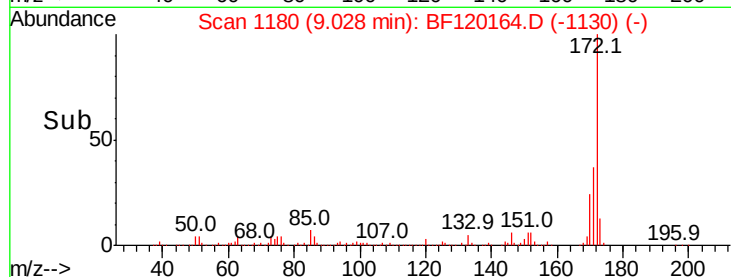
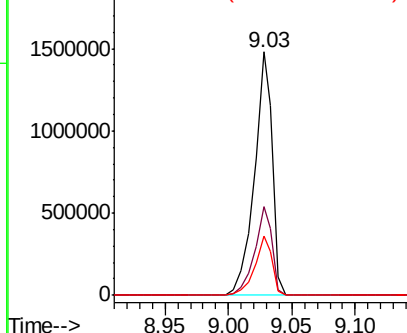


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.032 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

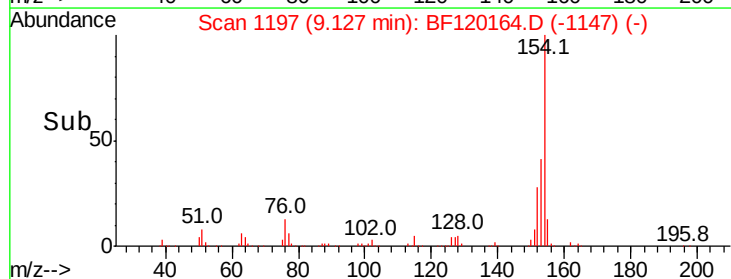
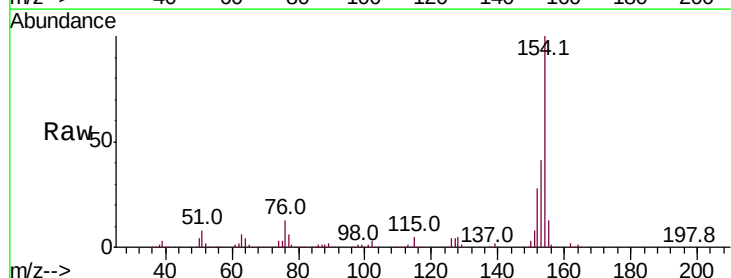
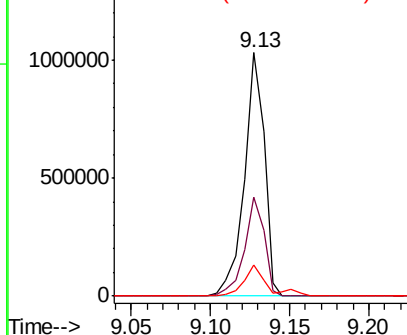
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	12.9	0.0	33.0

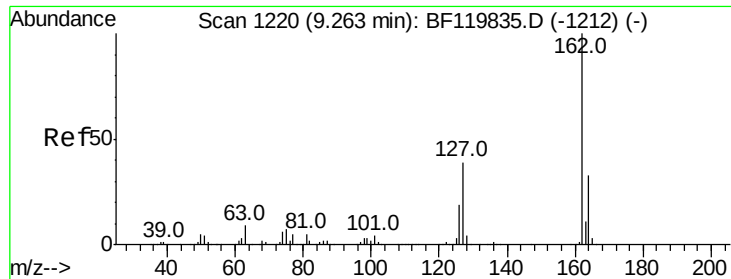
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





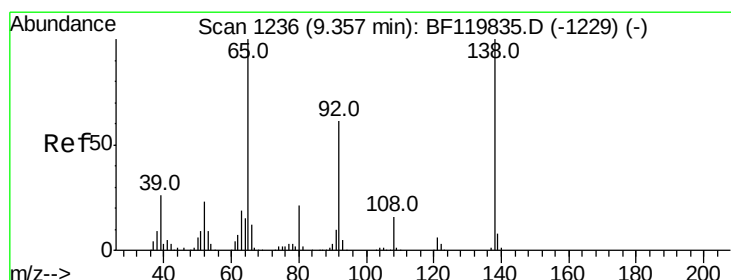
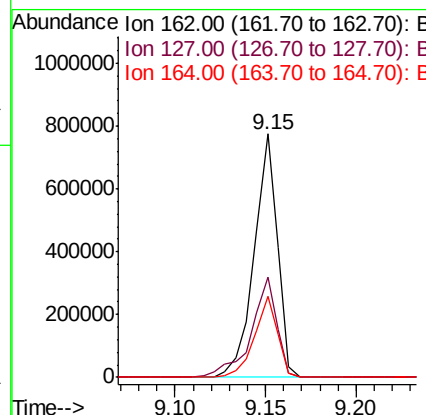
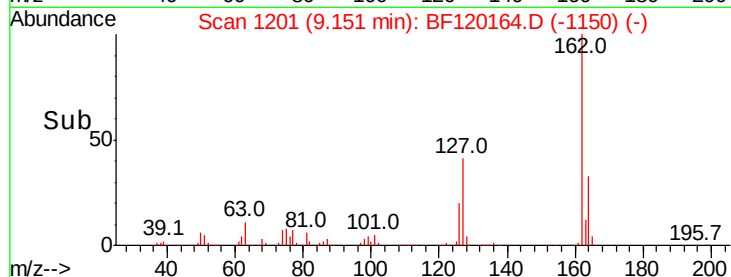
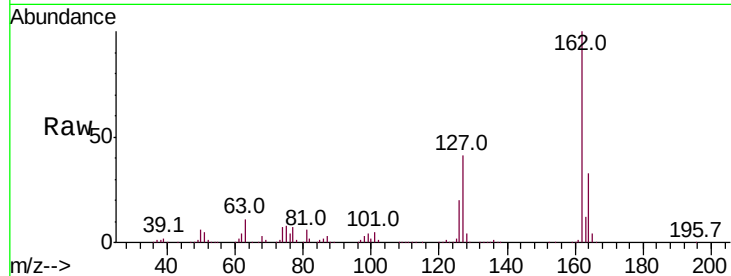
#47
 2-Chloronaphthalene
 Concen: 36.880 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.7	50.5
164	33.2	26.3	39.5

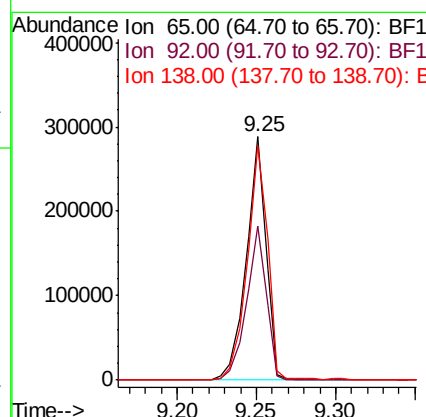
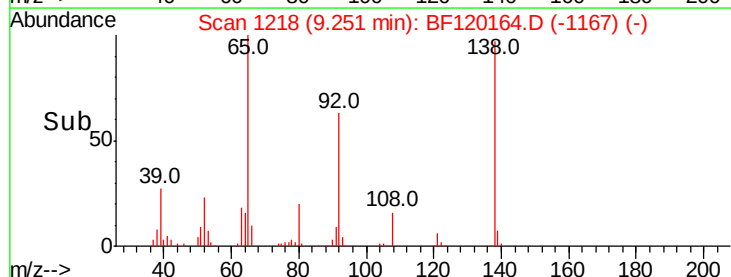
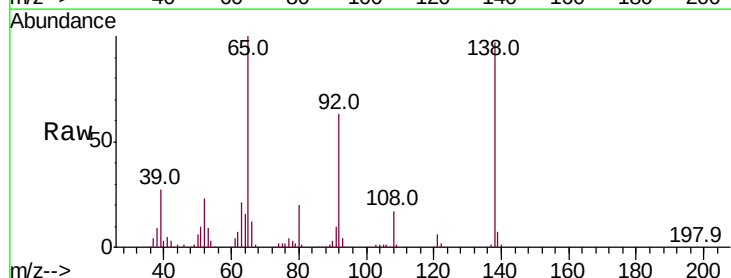
Manual Integrations
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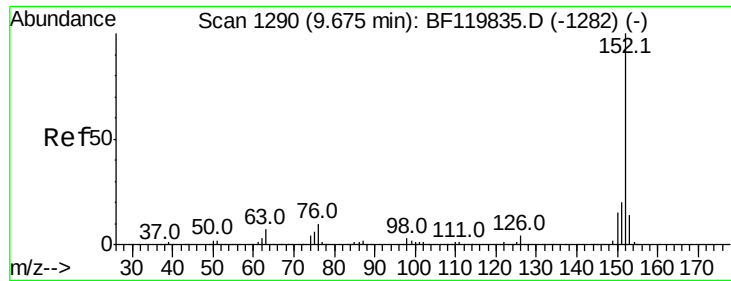
mohammad
 4/24/2020 1:34:07 PM



#48
 2-Nitroaniline
 Concen: 36.482 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	50.0	75.0
138	96.6	75.0	112.4





#49

Acenaphthylene

Concen: 38.889 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

Tot Ion:152 Resp: 1103906

Ion Ratio Lower Upper

152 100

151 20.2 17.2 25.8

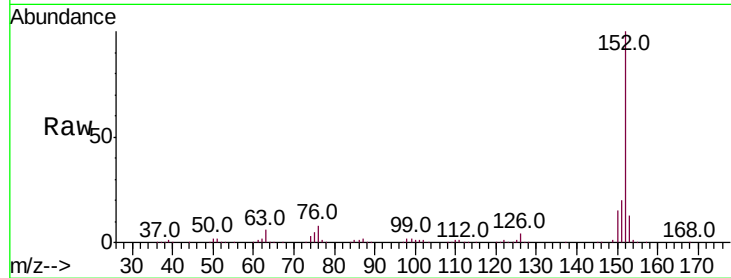
153 13.2 11.2 16.8

Manual Integrations

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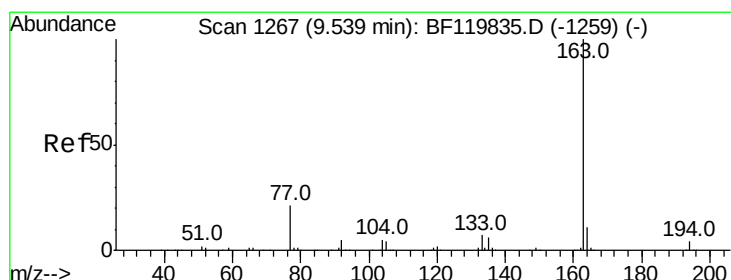
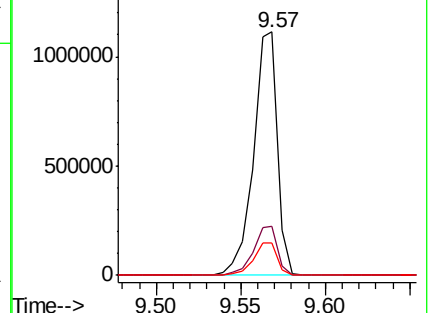
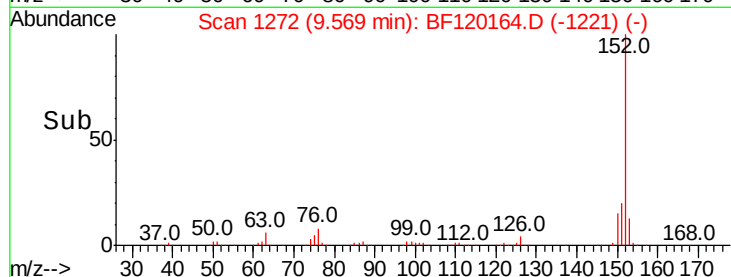
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.385 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

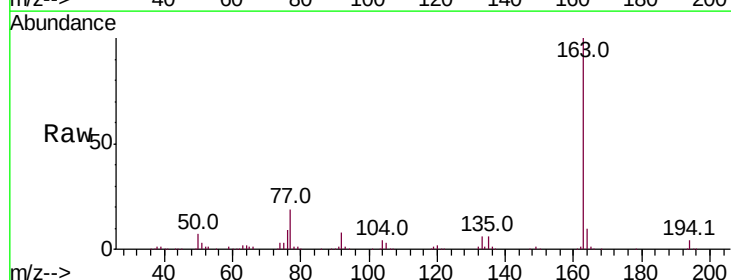
Tgt Ion:163 Resp: 830072

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

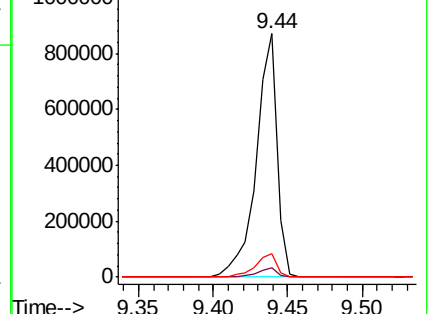
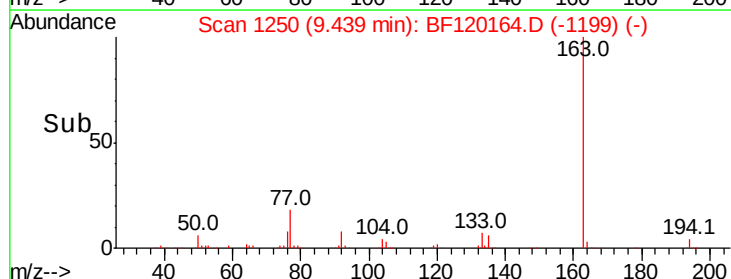
164 9.8 8.2 12.2

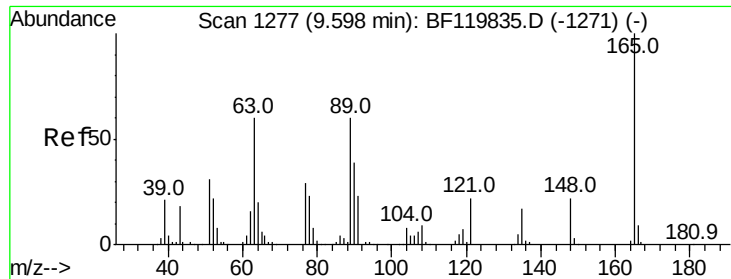


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





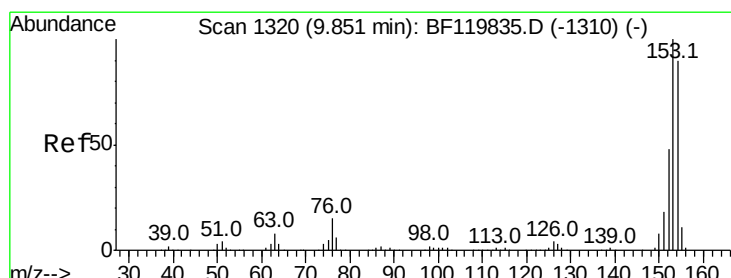
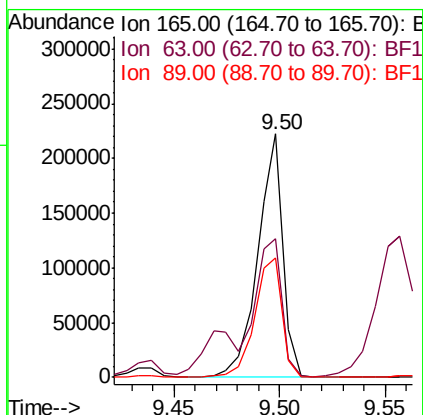
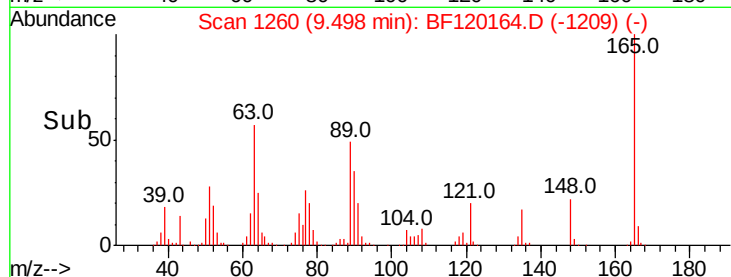
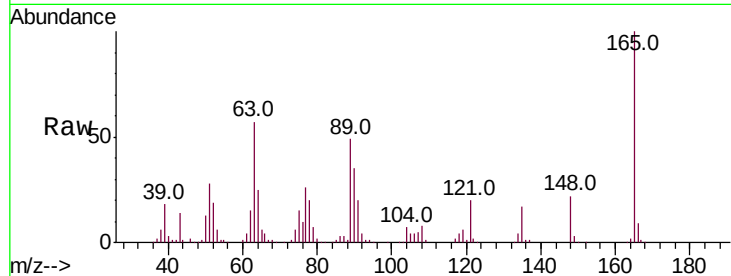
#51
2,6-Dinitrotoluene
Concen: 37.603 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	57.1	45.0	67.4
89	48.9	41.5	62.3

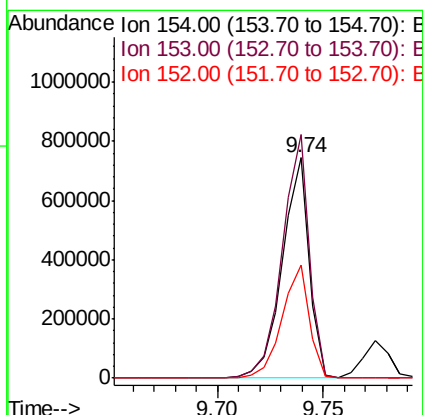
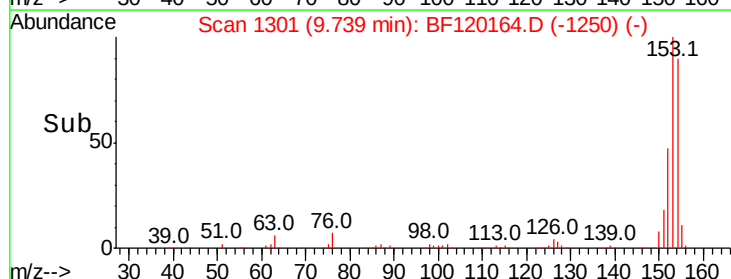
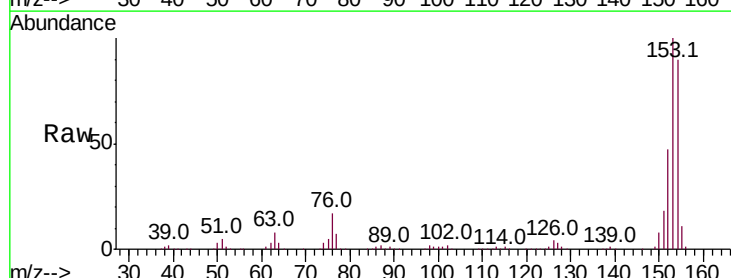
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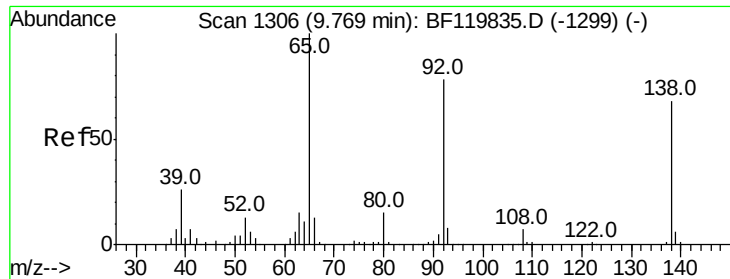
mohammad
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#52
Acenaphthene
Concen: 34.792 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	110.7	88.1	132.1
152	51.6	43.0	64.4





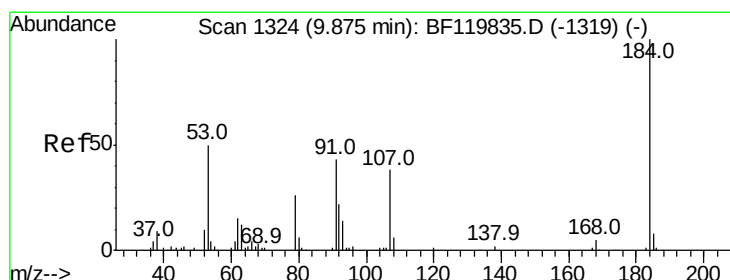
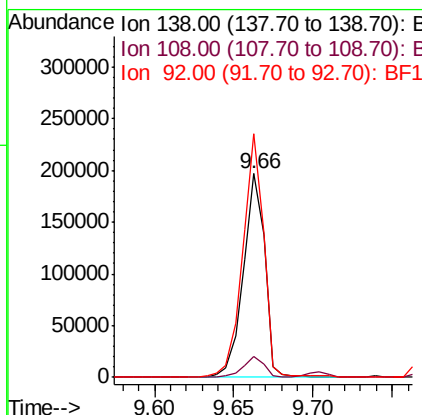
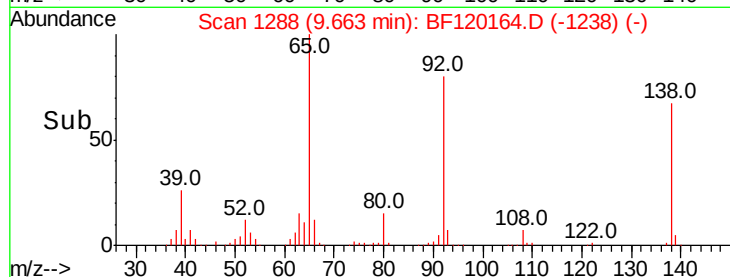
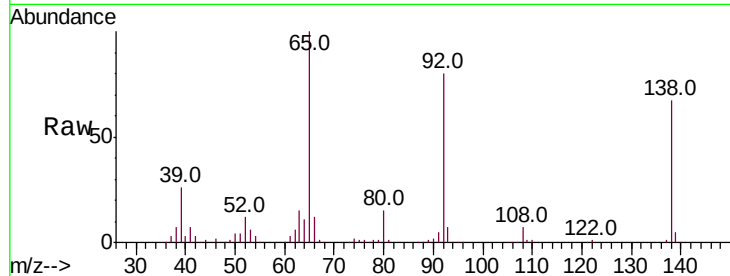
#53
3-Nitroaniline
Concen: 32.827 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.6	13.0
92	119.7	95.4	143.0

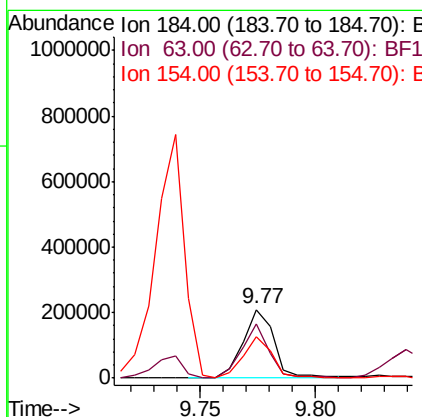
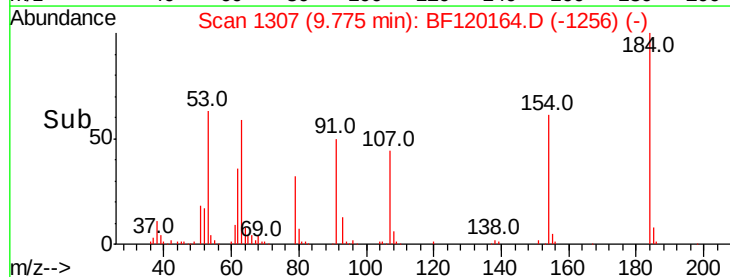
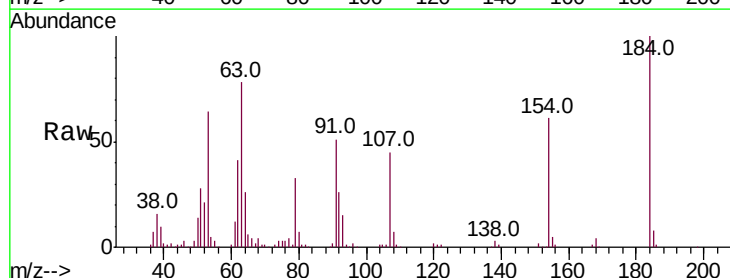
Manual Integrations
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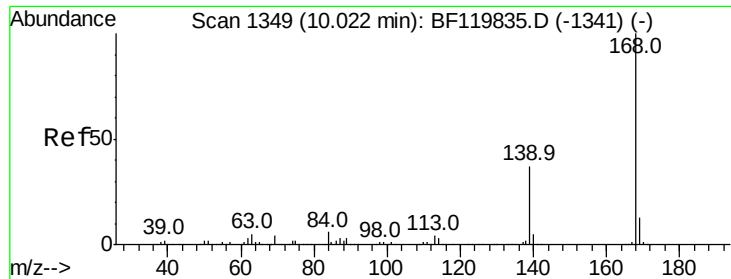
mohammad
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#54
2,4-Dinitrophenol
Concen: 67.568 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.4	50.2	75.4#
154	60.8	44.5	66.7





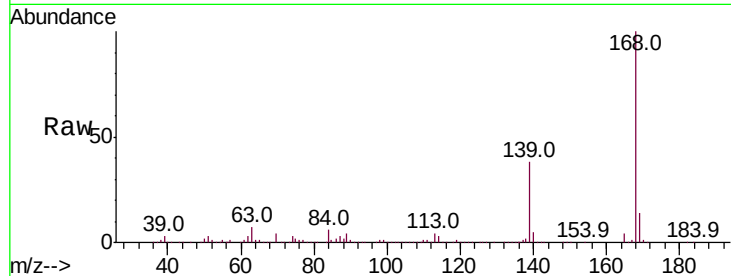
#55
Dibenzofuran
Concen: 37.930 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	14.2	11.0	16.6

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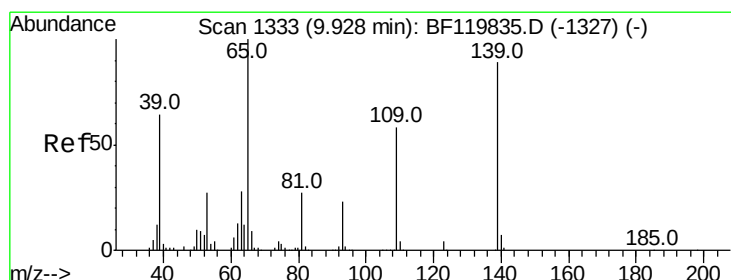
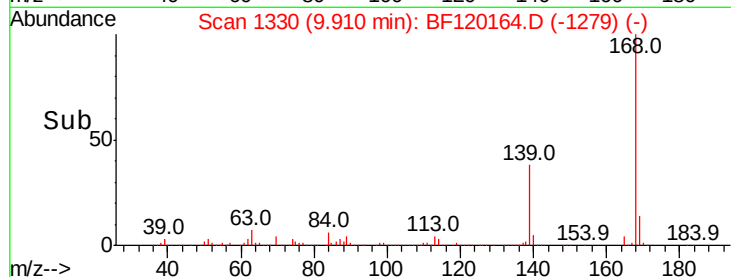
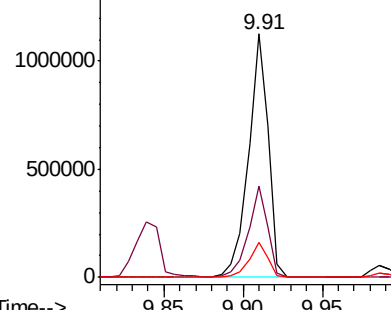


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 68.383 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

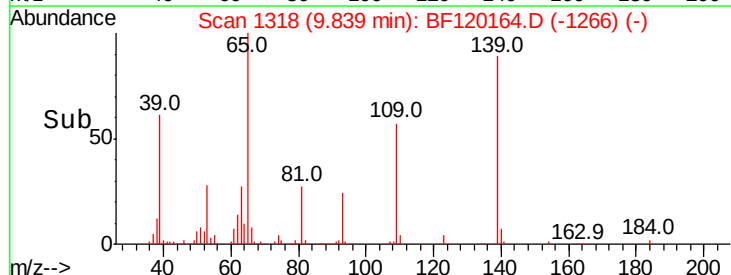
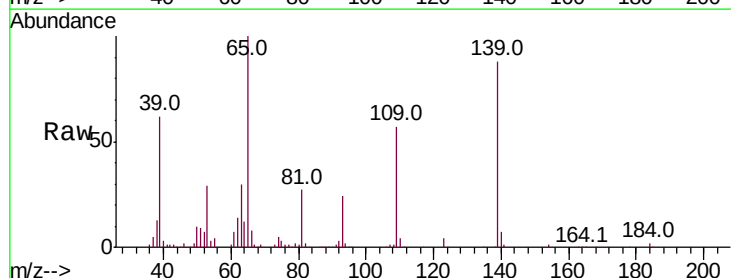
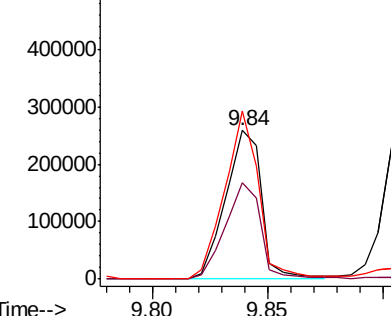
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.8	43.3	83.3
65	113.1	91.0	131.0

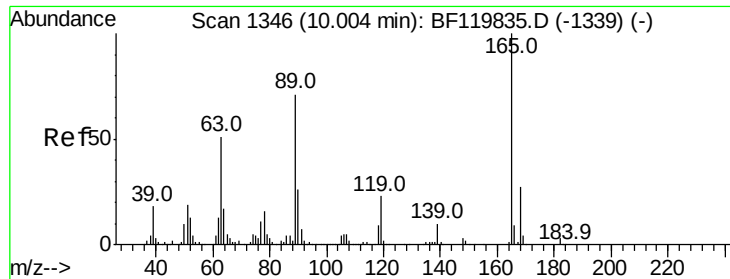
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





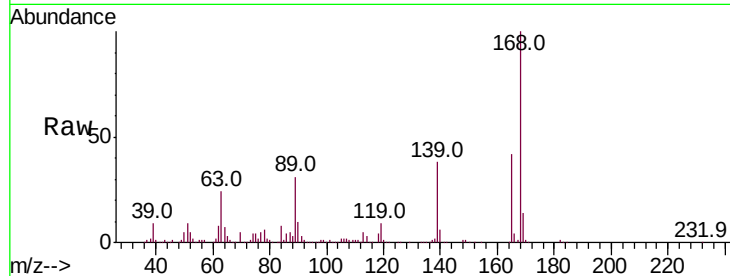
#57
2,4-Dinitrotoluene
Concen: 37.189 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

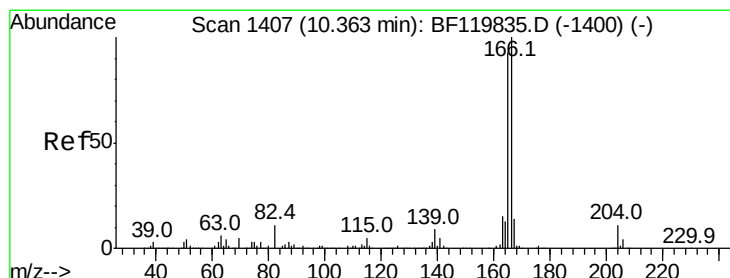
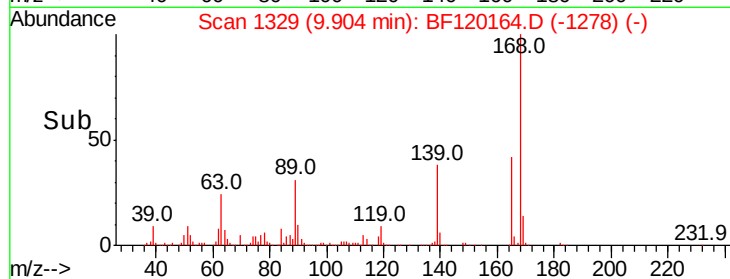
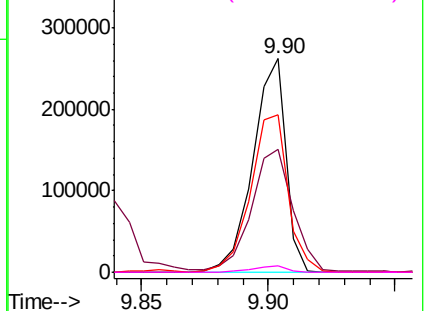
Tot Ion	Ratio	Resp	Lower	Upper
165	100	238234		
63	57.6	42.6	64.0	
89	73.4	61.0	91.4	
182	2.8	2.2	3.2	

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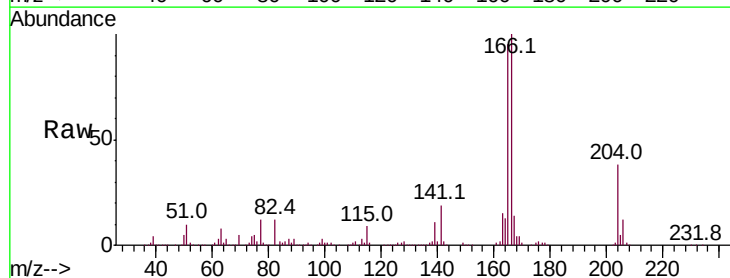


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

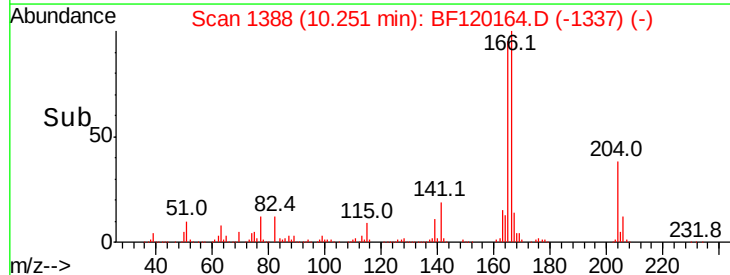
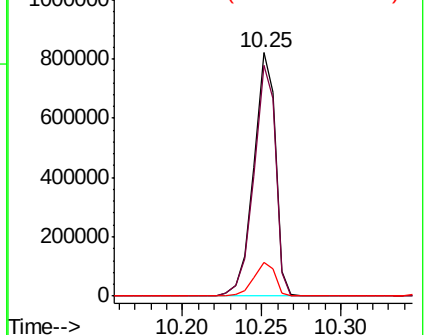


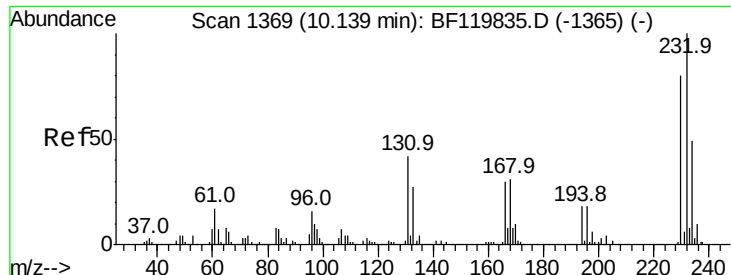
#58
Fluorene
Concen: 37.663 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	782659		
165	95.0	75.4	113.2	
167	14.1	11.2	16.8	



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





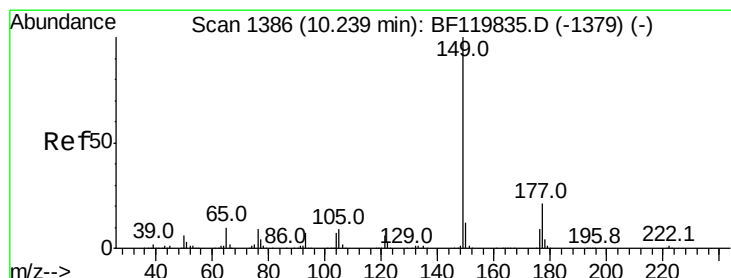
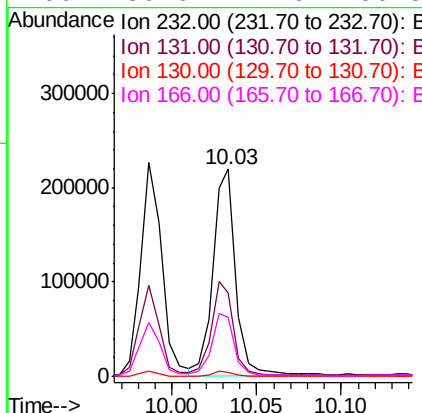
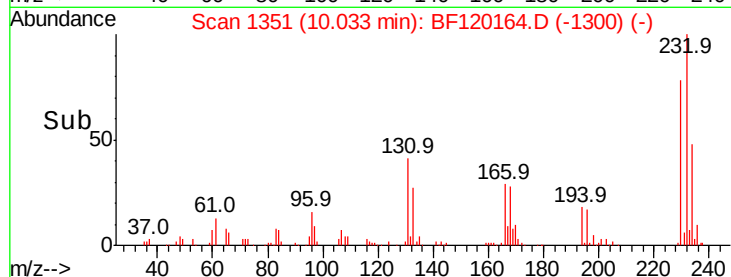
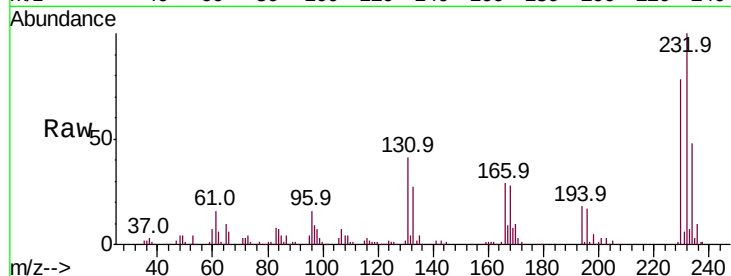
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.953 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	204683		
131	45.9		37.5	56.3
130	1.9		1.8	2.6
166	30.6		24.6	36.8

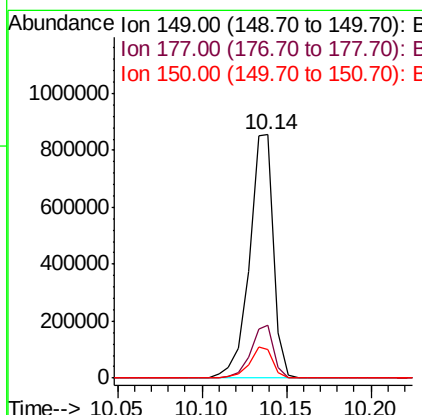
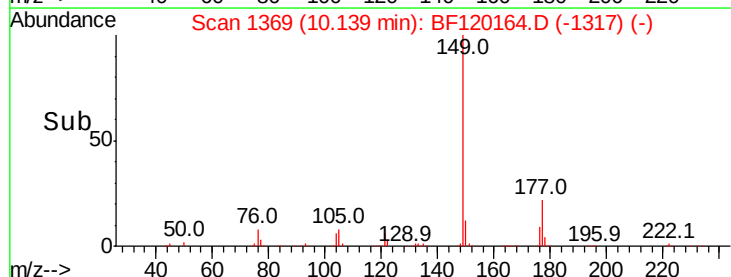
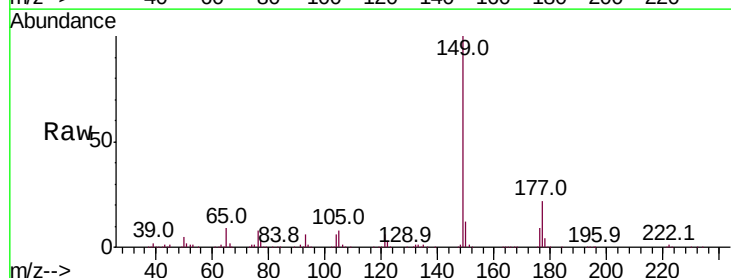
Manual Integrations
 APPROVED

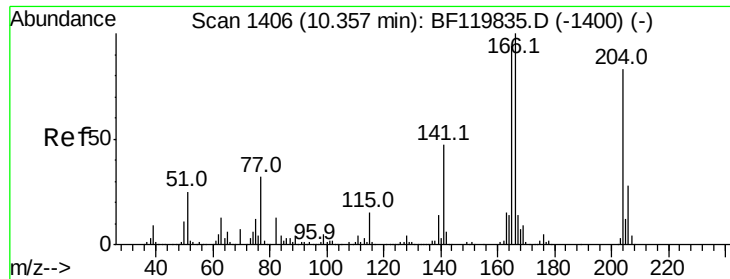
mohammad
 4/24/2020 1:34:07 PM



#60
 Diethylphthalate
 Concen: 36.997 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	851389		
177	21.5		17.0	25.6
150	12.0		10.1	15.1





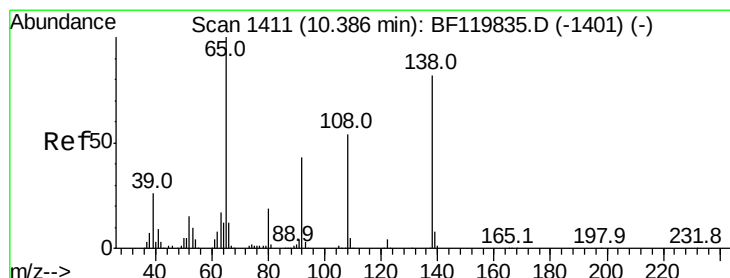
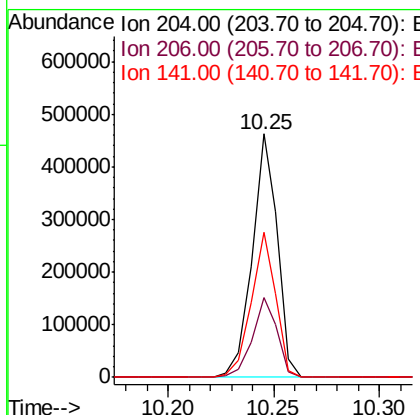
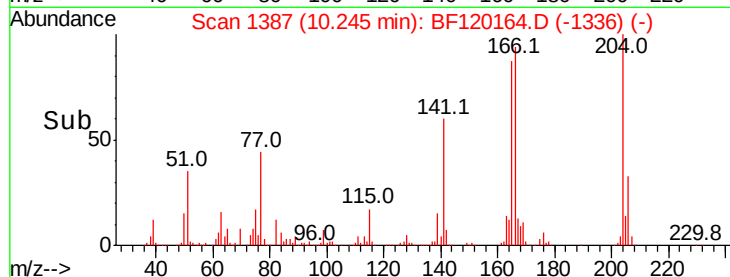
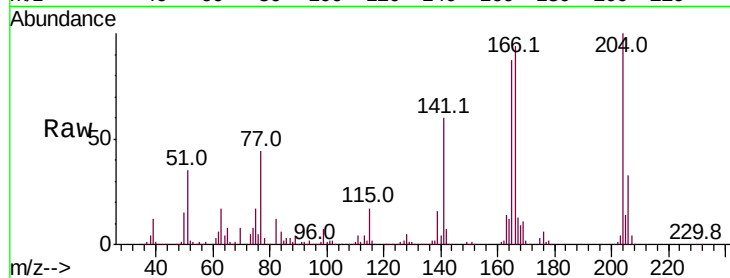
#61
4-Chlorophenyl-phenylether
Concen: 35.915 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	59.6	47.3	70.9

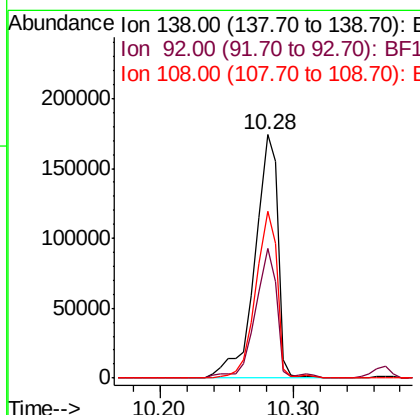
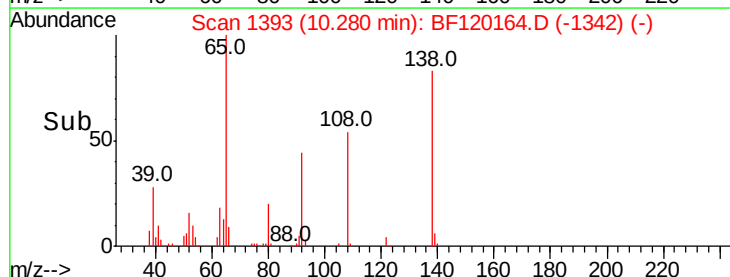
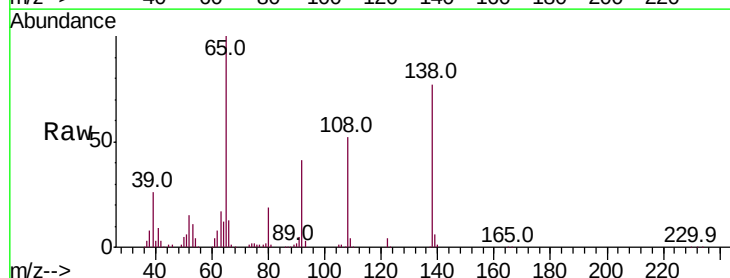
Manual Integrations
APPROVED

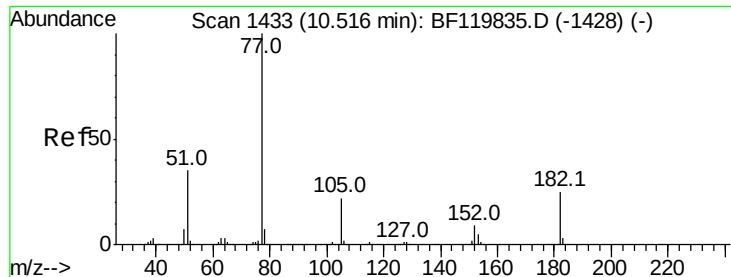
mohammad
4/24/2020 1:34:07 PM



#62
4-Nitroaniline
Concen: 38.661 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.3	31.5	71.5
108	68.5	45.8	85.8





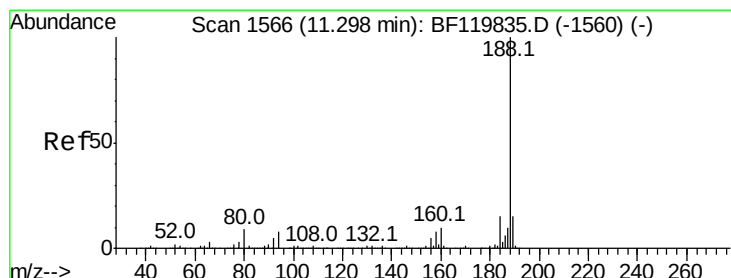
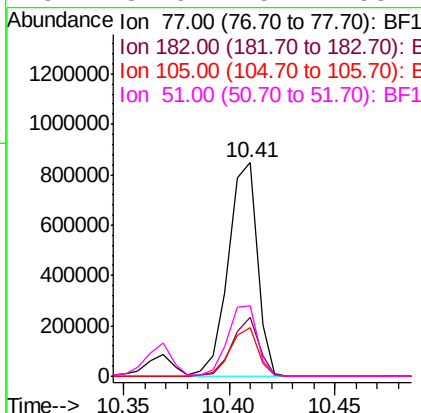
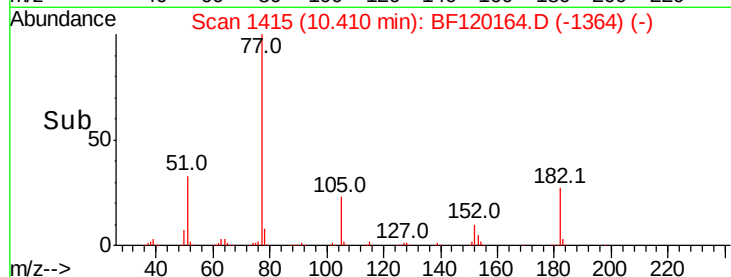
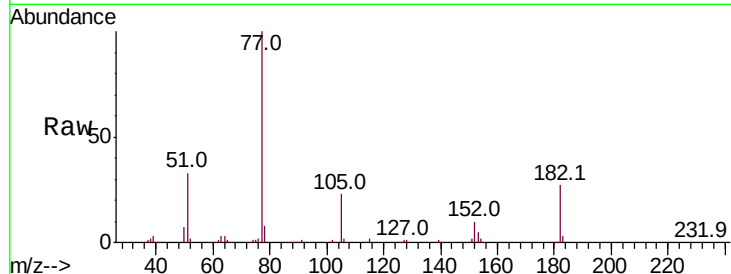
#63
Azobenzene
Concen: 38.985 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.5	4.4	44.4
105	22.9	2.6	42.6
51	32.9	15.1	55.1

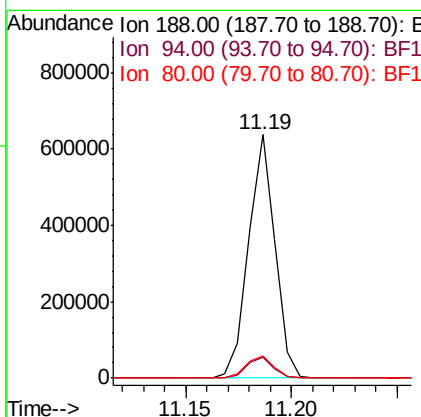
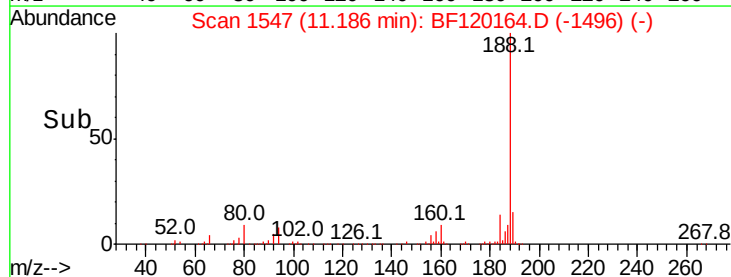
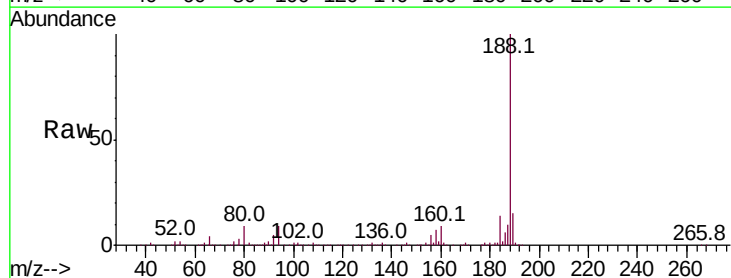
Manual Integrations
APPROVED

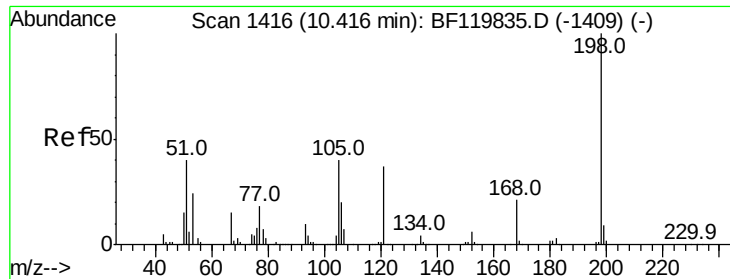
mohammad
4/24/2020 1:34:07 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.5	11.3
80	9.1	9.0	13.4





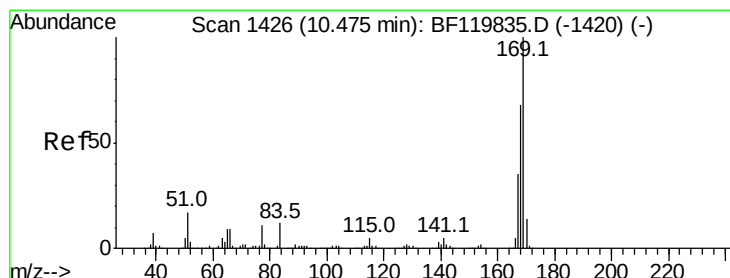
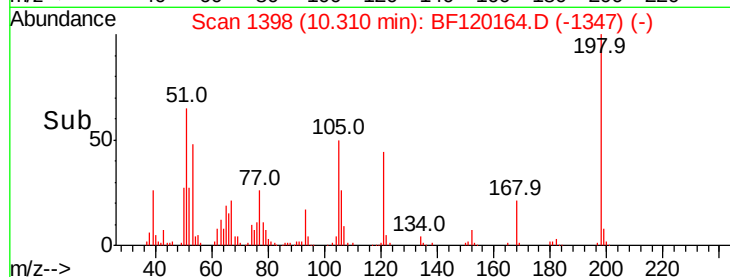
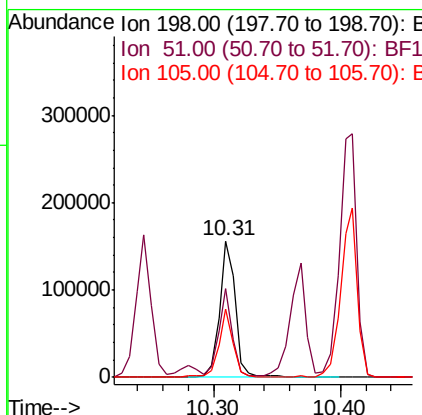
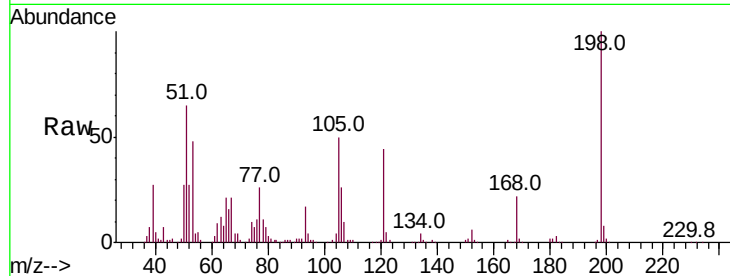
#65
4,6-Dinitro-2-methylphenol
Concen: 37.389 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampled :
PB128352BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	137313		
51	64.8	29.0	69.0	
105	49.8	22.2	62.2	

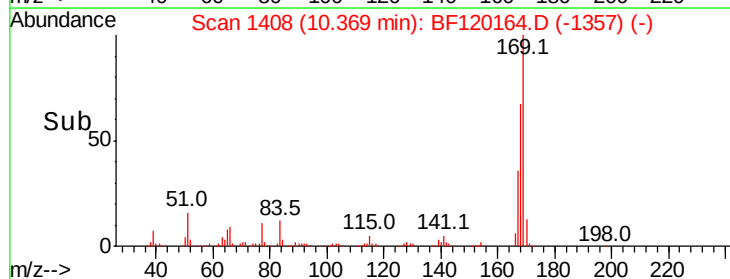
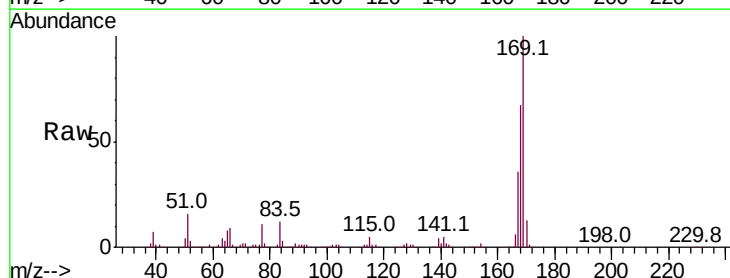
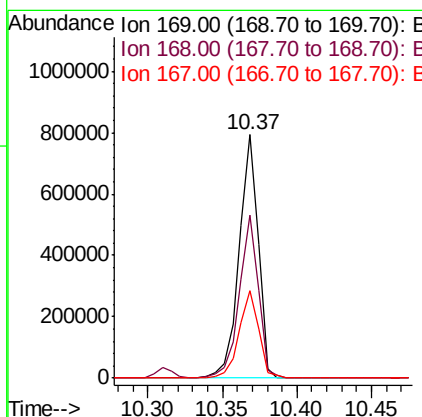
Manual Integrations
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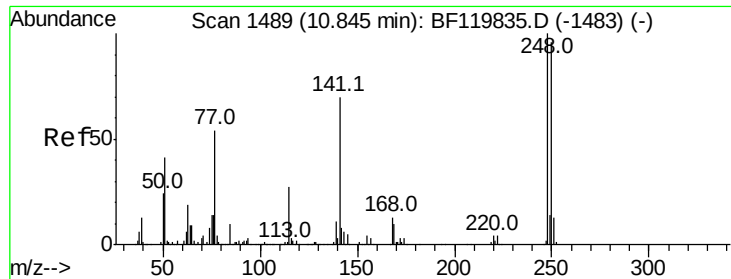
mohammad
4/24/2020 1:34:07 PM



#66
n-Nitrosodiphenylamine
Concen: 38.201 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	708221		
168	67.1	53.2	79.8	
167	36.2	29.1	43.7	





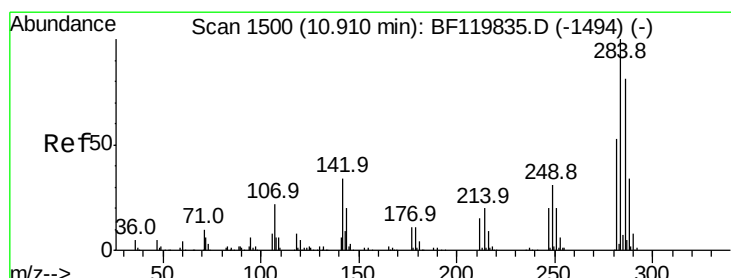
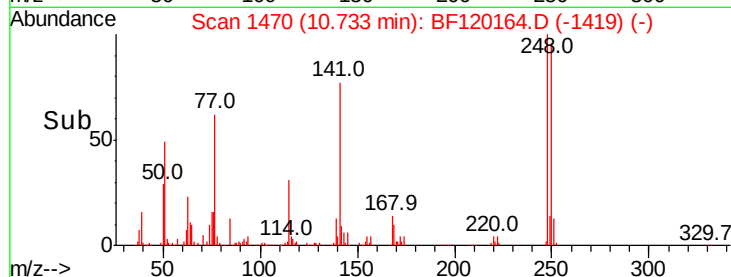
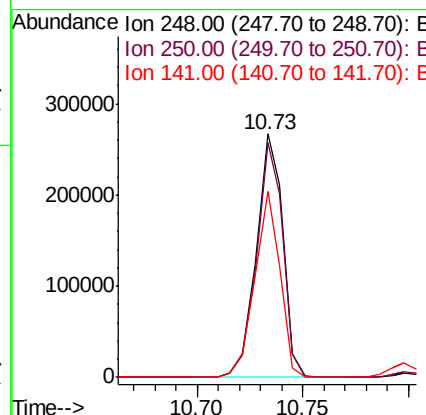
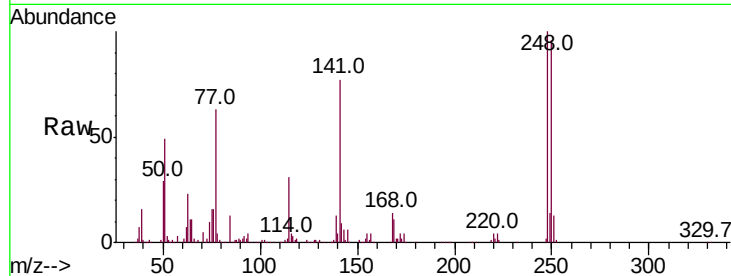
#67
4-Bromophenyl-phenylether
Concen: 33.674 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.3	115.9
141	76.6	58.6	87.8

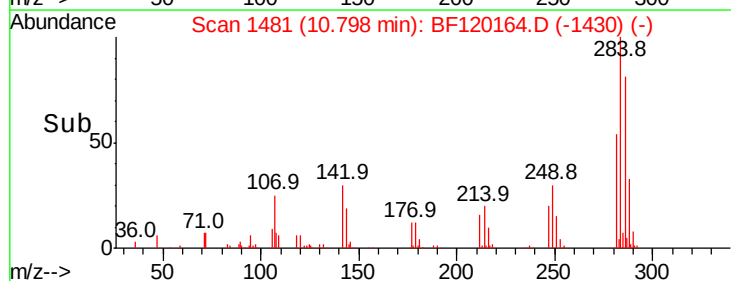
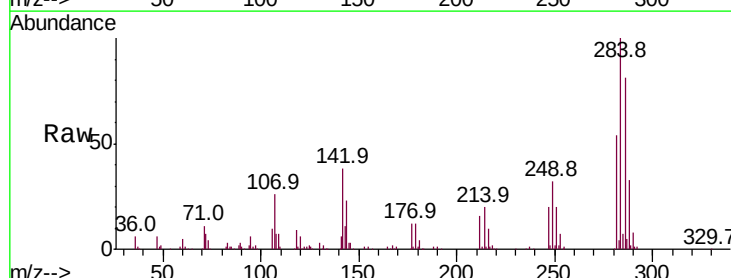
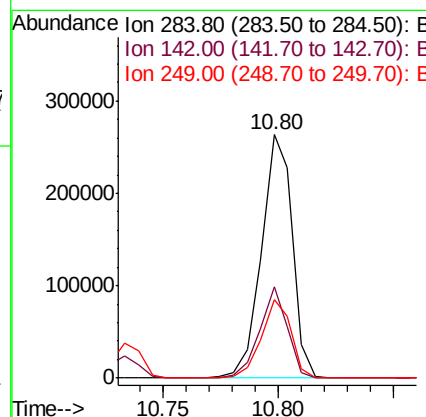
Manual Integrations
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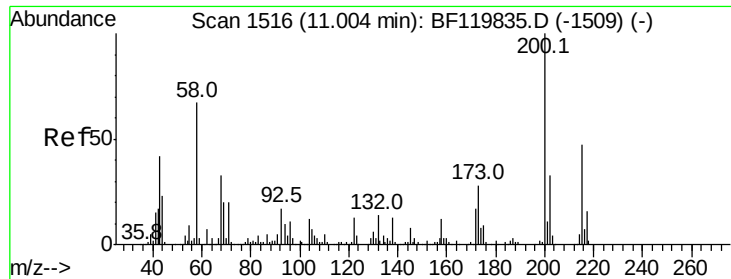
mohammad
4/24/2020 1:34:07 PM



#68
Hexachlorobenzene
Concen: 34.892 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	29.2	43.8
249	32.2	25.1	37.7





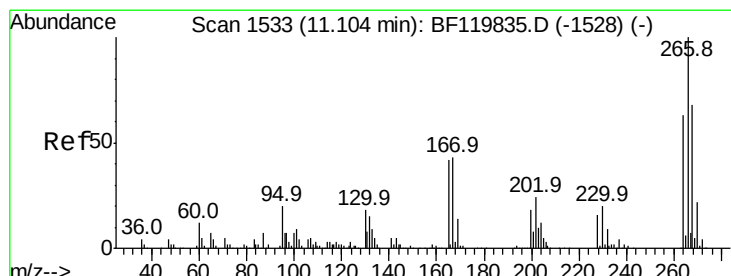
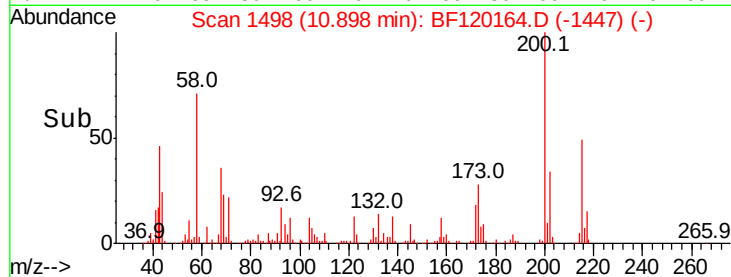
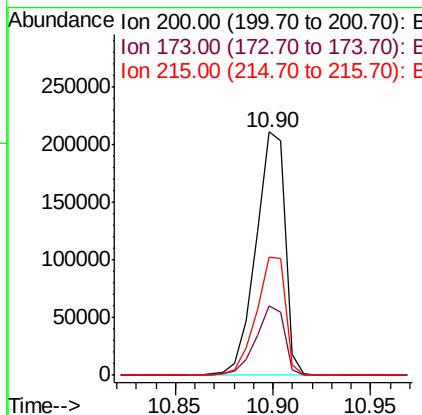
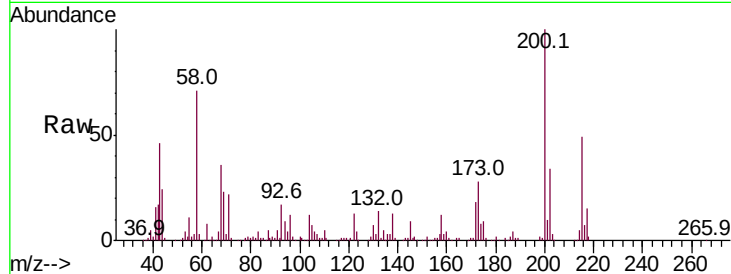
#69
Atrazine
Concen: 42.463 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	9.3	49.3
215	48.6	29.5	69.5

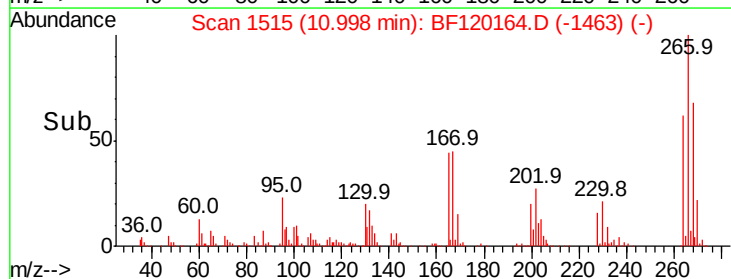
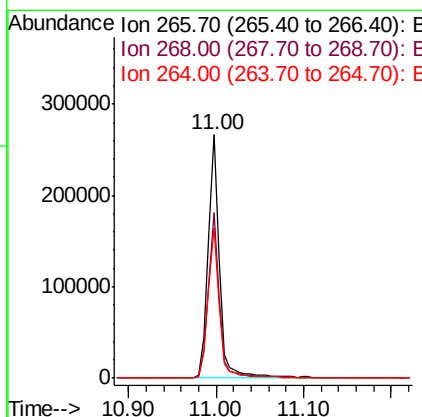
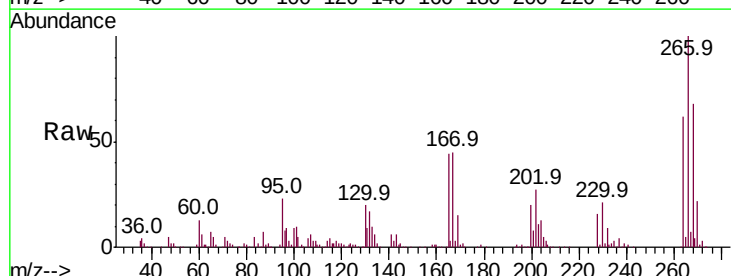
Manual Integrations
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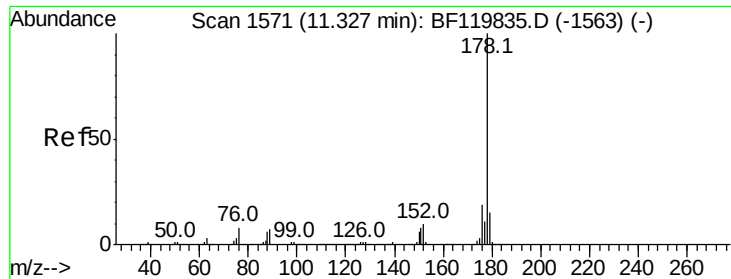
mohammad
4/24/2020 1:34:07 PM



#70
Pentachlorophenol
Concen: 60.730 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.9	53.3	79.9
264	61.7	49.0	73.4





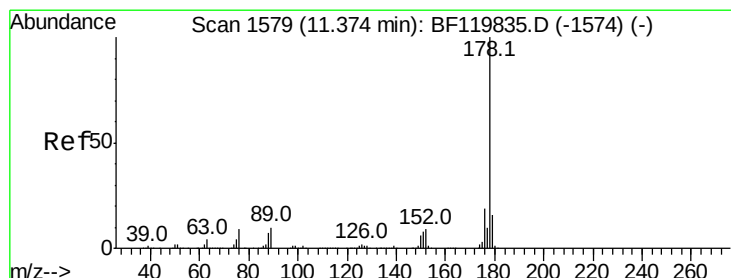
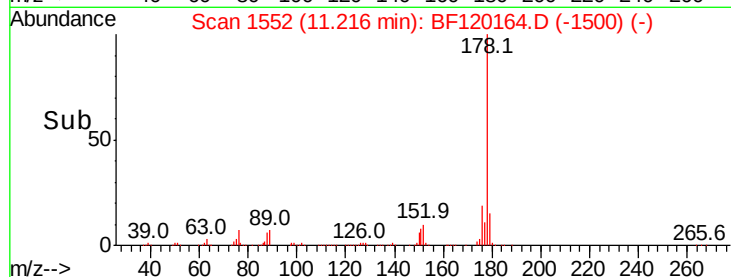
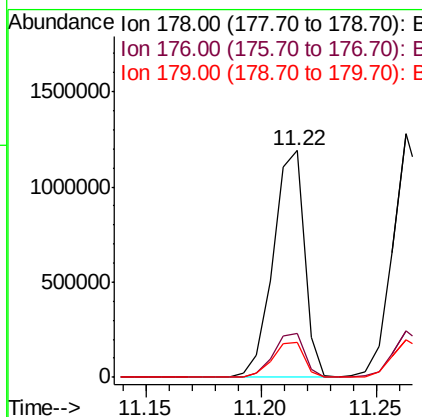
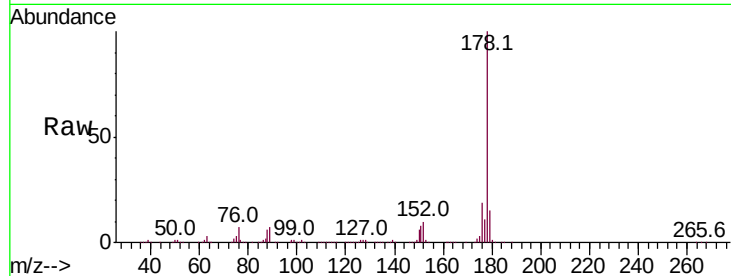
#71
Phenanthrene
Concen: 37.694 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion:178 Resp: 1118318
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.4
179 15.2 13.2 19.8

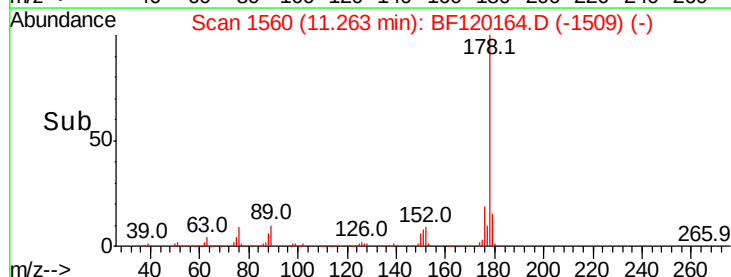
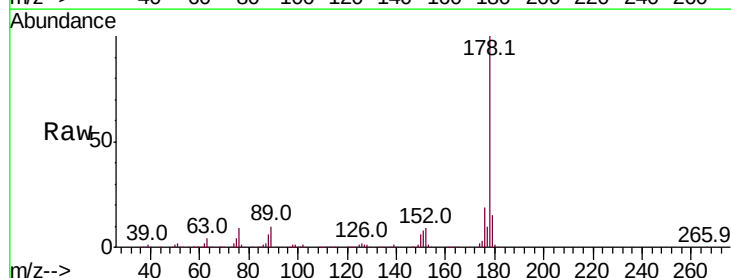
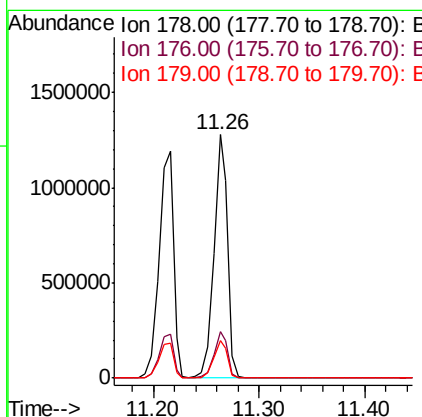
Manual Integrations
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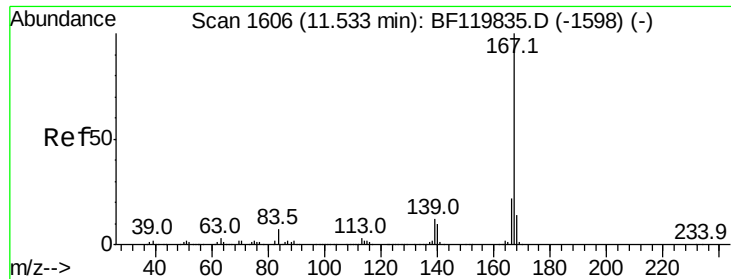
mohammad
4/24/2020 1:34:07 PM



#72
Anthracene
Concen: 38.561 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion:178 Resp: 1168709
Ion Ratio Lower Upper
178 100
176 19.1 16.1 24.1
179 15.5 13.0 19.4





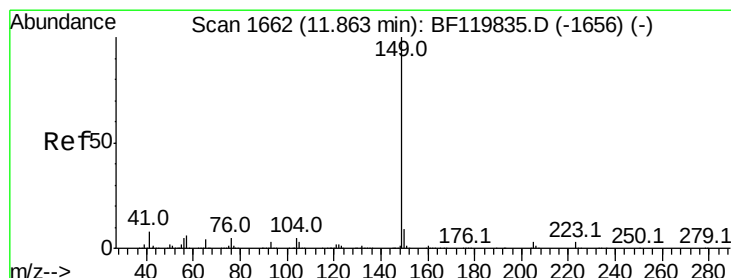
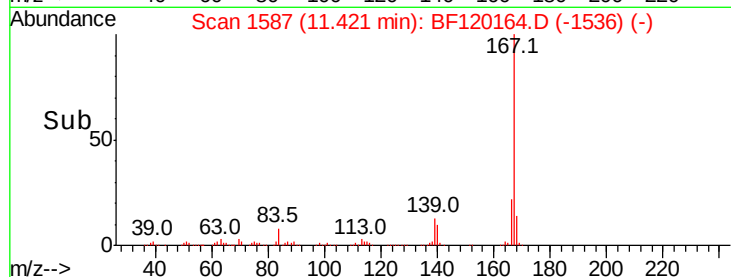
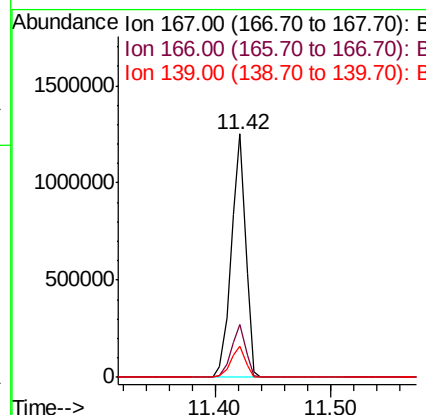
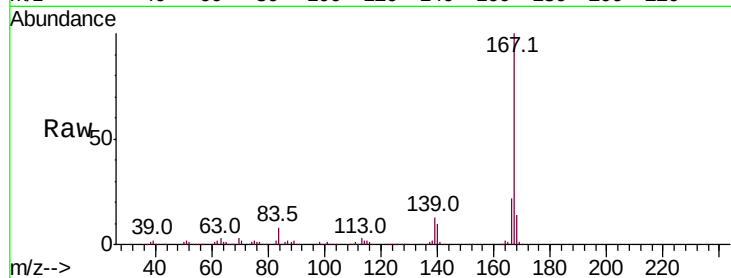
#73
 Carbazole
 Concen: 37.436 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion:167 Resp: 1072967
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.4
 139 12.9 10.7 16.1

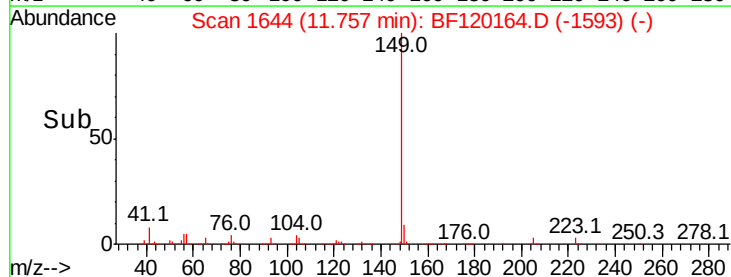
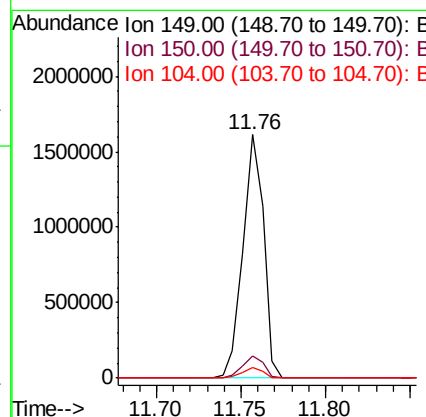
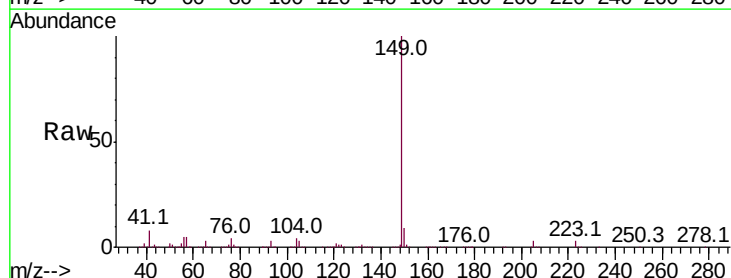
Manual Integrations
 APPROVED

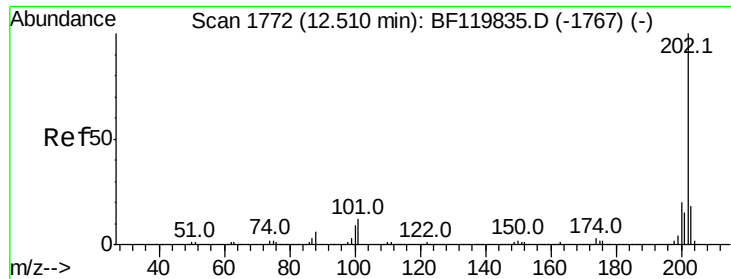
mohammad
 4/24/2020 1:34:07 PM



#74
 Di-n-butylphthalate
 Concen: 36.523 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion:149 Resp: 1376102
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 38.926 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

Tot Ion:202 Resp: 1246079

Ion Ratio Lower Upper

202 100

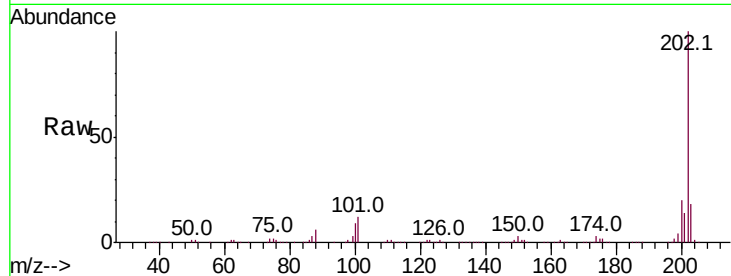
101 11.9 0.0 32.2

203 18.1 0.0 38.8

Manual Integrations
APPROVED

mohammad

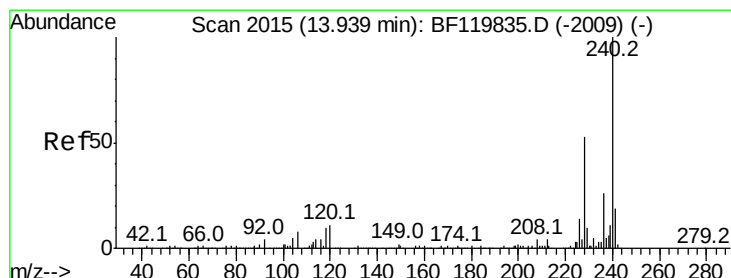
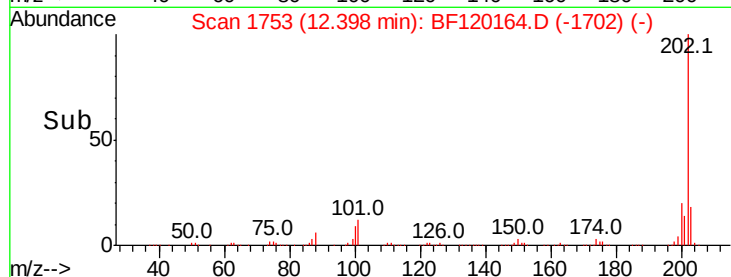
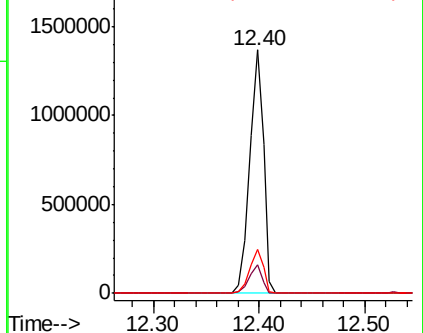
4/24/2020 1:34:07 PM



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: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

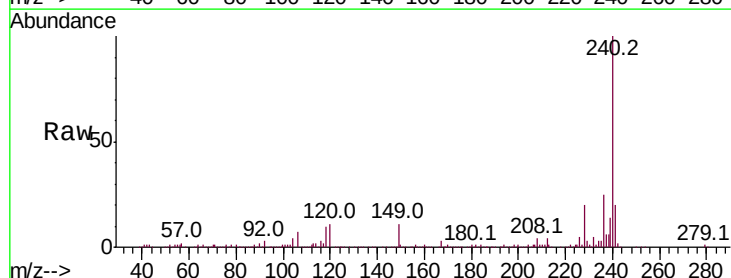
Tgt Ion:240 Resp: 404734

Ion Ratio Lower Upper

240 100

120 10.8 10.6 15.8

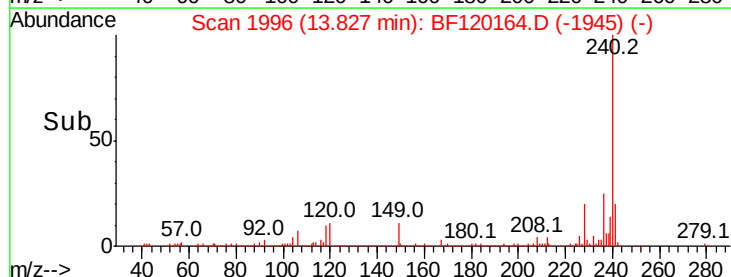
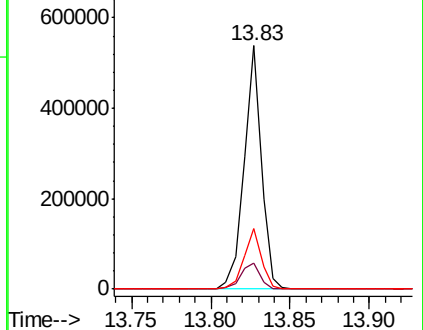
236 24.8 20.2 30.2

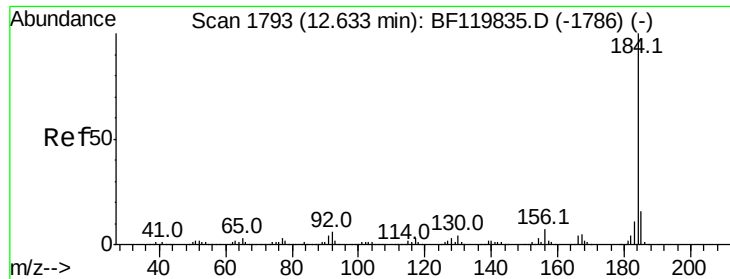


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 80.612 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

Tot Ion:184 Resp: 1102868

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

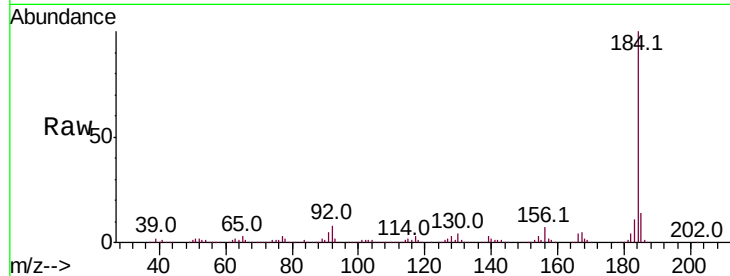
183 10.9 9.0 13.6

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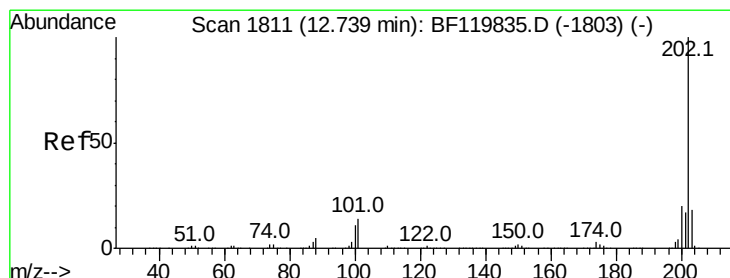
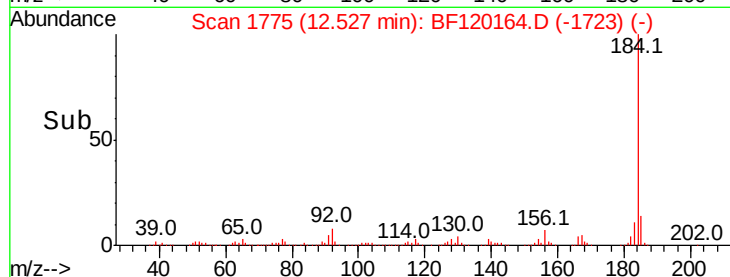
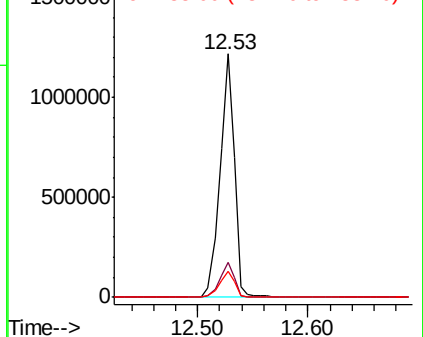
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.419 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

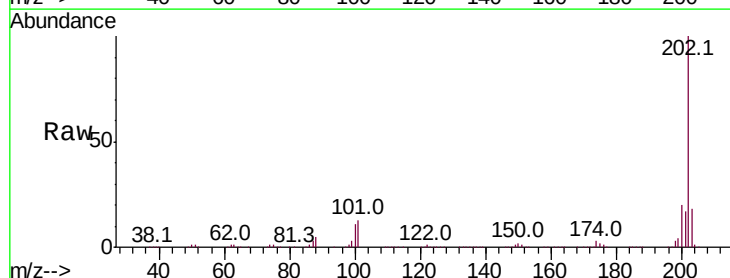
Tgt Ion:202 Resp: 1242613

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

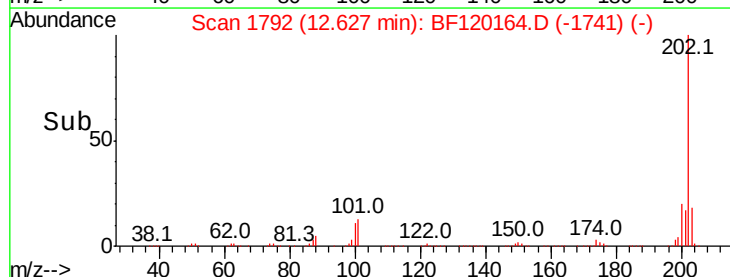
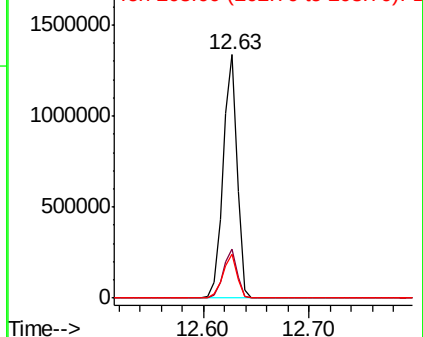
203 18.0 15.1 22.7

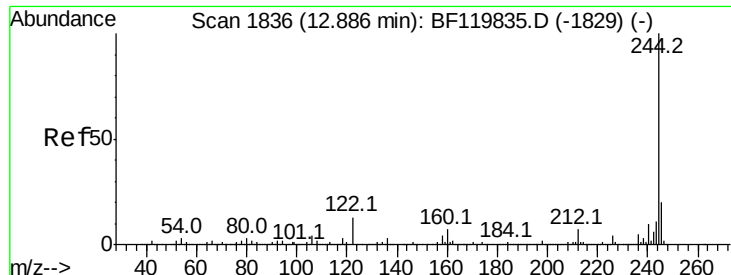


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





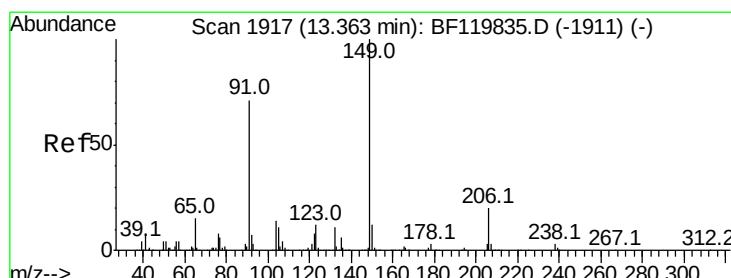
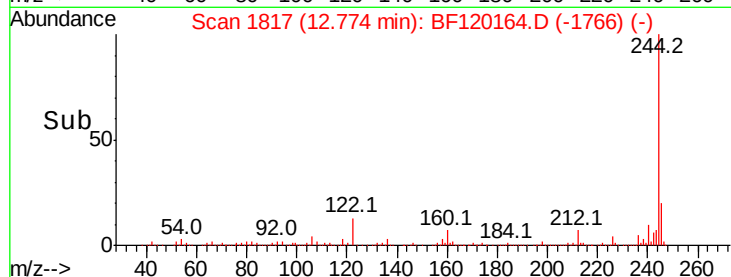
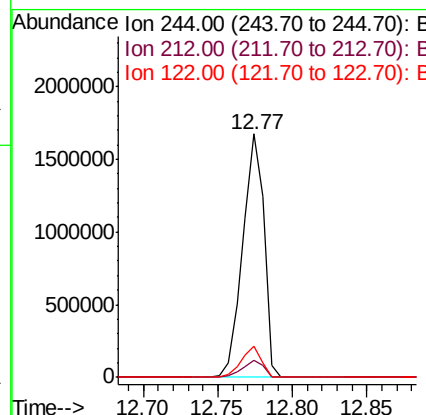
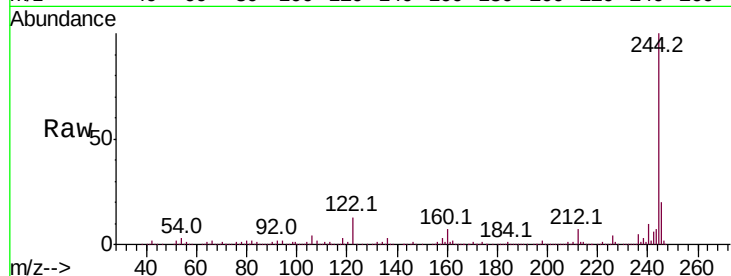
#79
 Terphenyl-d14
 Concen: 69.364 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.0	10.3	15.5

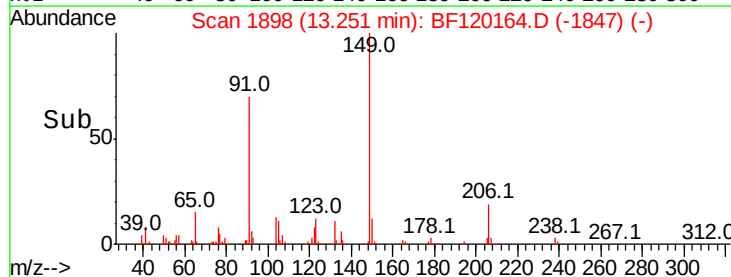
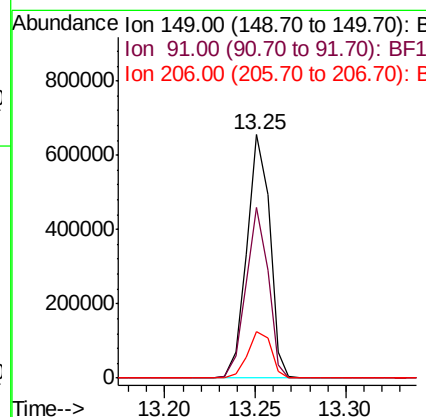
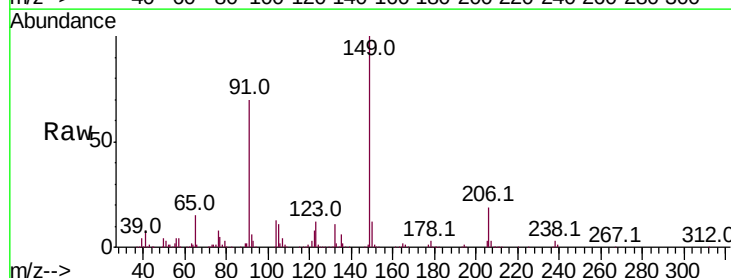
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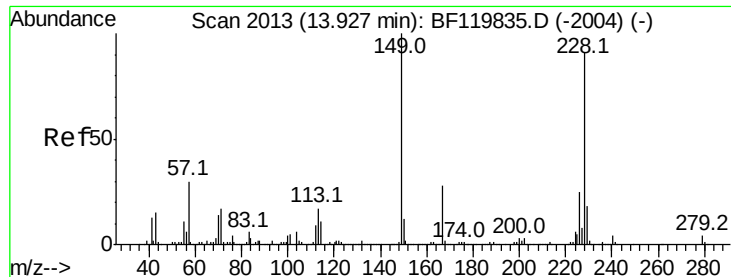
mohammad
 4/24/2020 1:34:07 PM



#80
 Butylbenzylphthalate
 Concen: 34.778 ng
 RT: 13.25 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	54.7	82.1
206	19.3	16.2	24.2





#81

Benzo(a)anthracene

Concen: 37.988 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

ClientSampleId :

PB128352BS

Tot Ion:228 Resp: 1011466

Ion Ratio Lower Upper

228 100

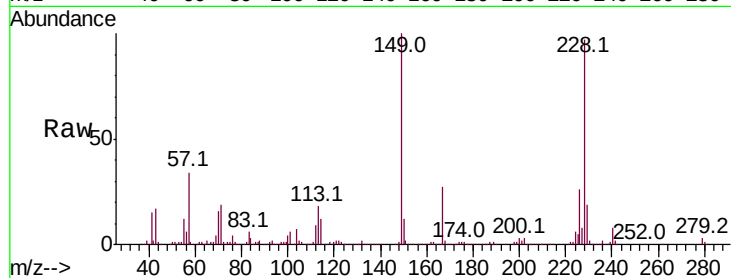
226 27.3 21.8 32.8

229 20.1 16.2 24.4

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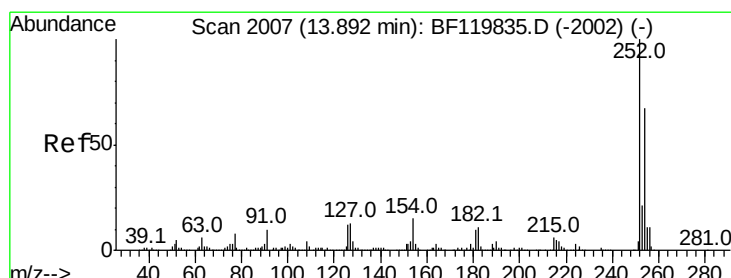
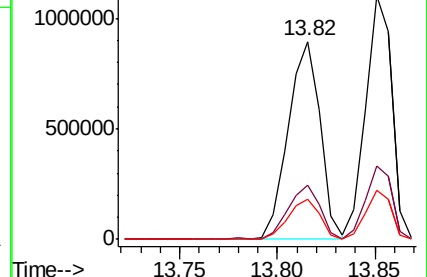
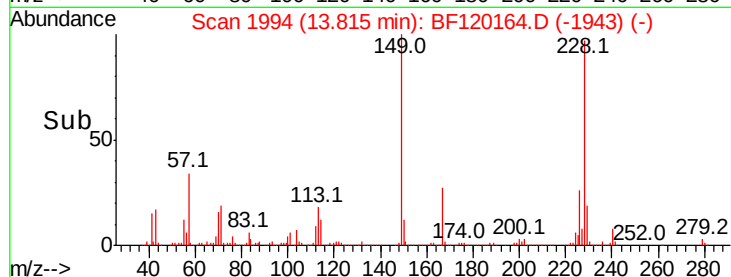
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.398 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

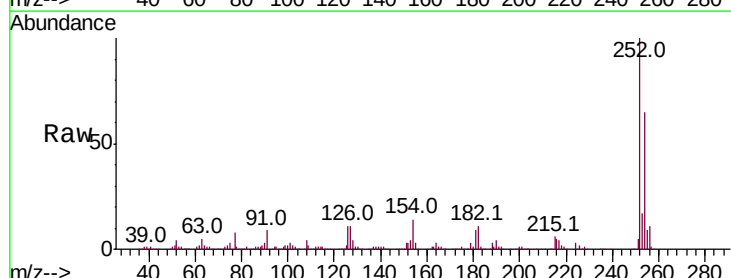
Tgt Ion:252 Resp: 331802

Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

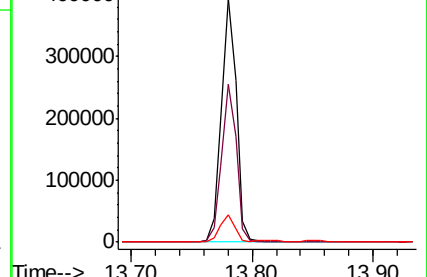
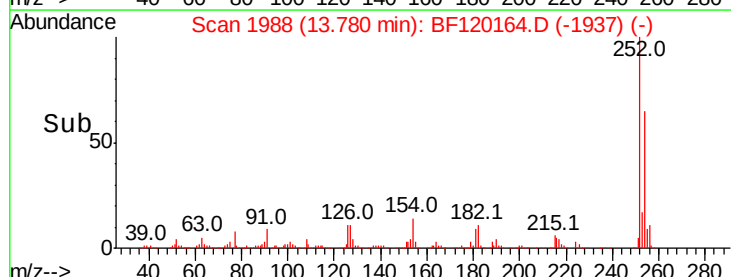
126 11.2 9.6 14.4

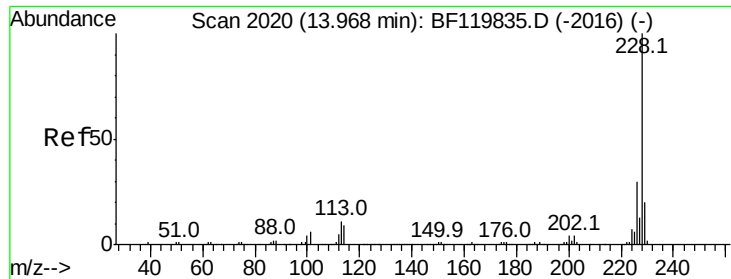


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





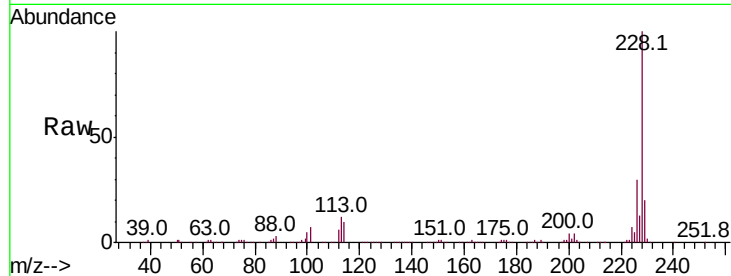
#83
 Chrysene
 Concen: 37.833 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB128352BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.4	38.0
229	20.0	16.6	24.8

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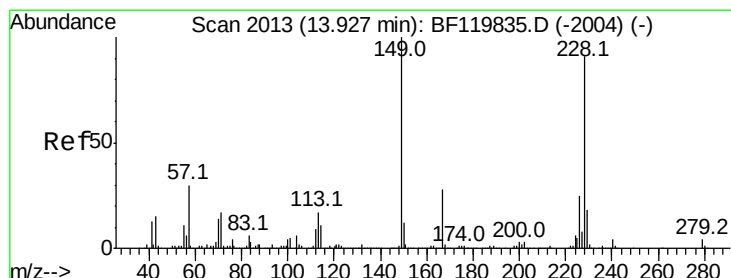
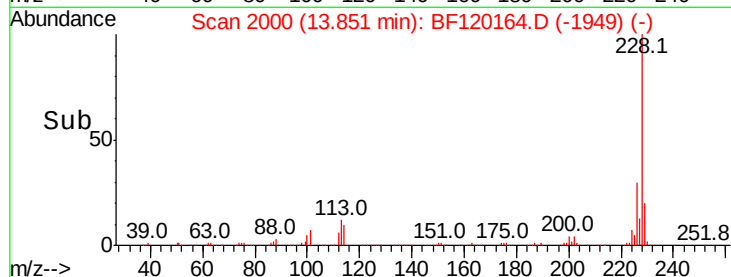
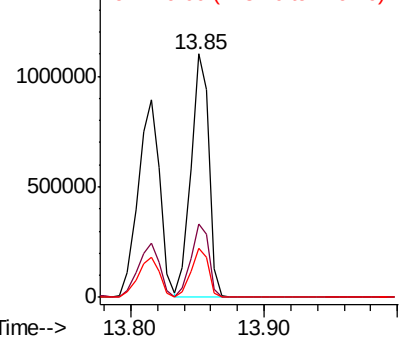


Abundance

Ion 228.00 (227.70 to 228.70): E

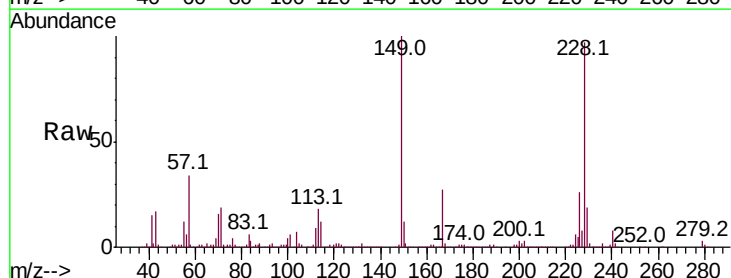
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.807 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF120164.D
 Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.3	2.7	4.1

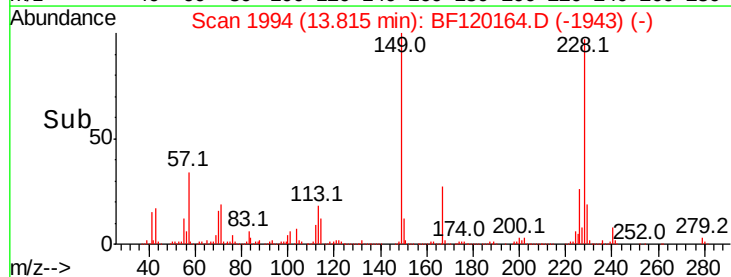
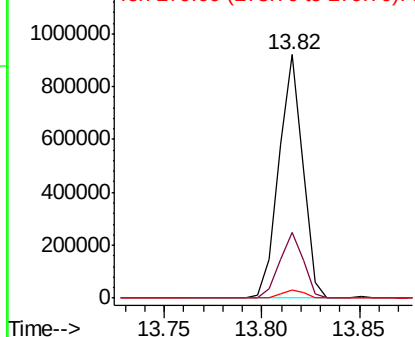


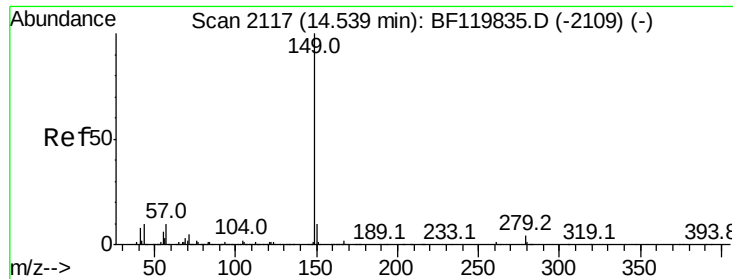
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.009 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

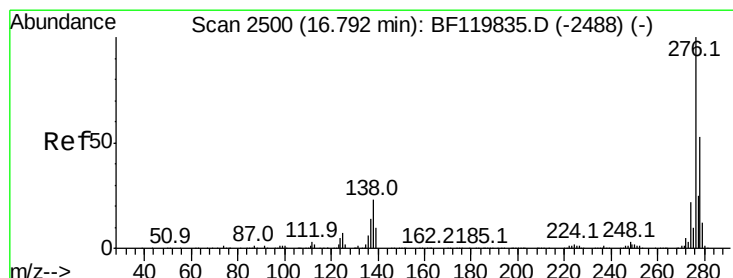
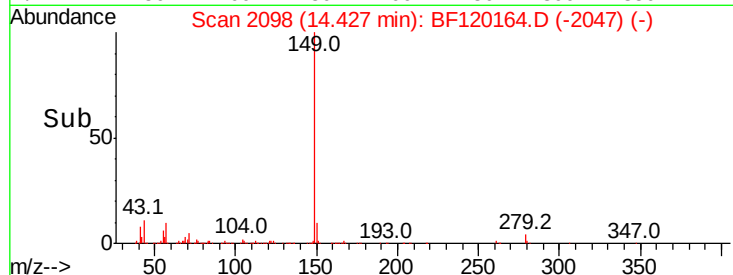
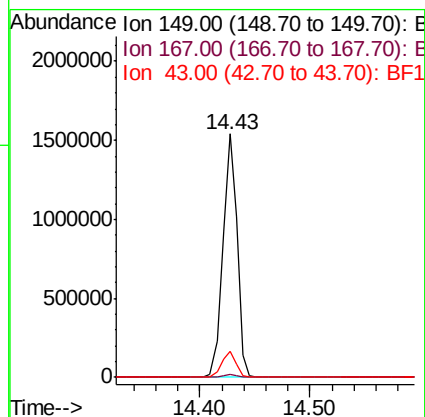
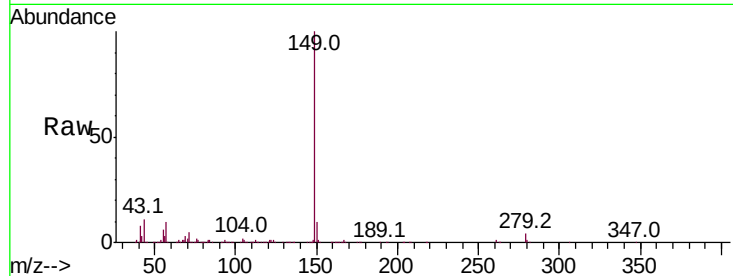
ClientSampleId :

PB128352BS

Tot Ion:	149	Resp:	1374637
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 36.129 ng

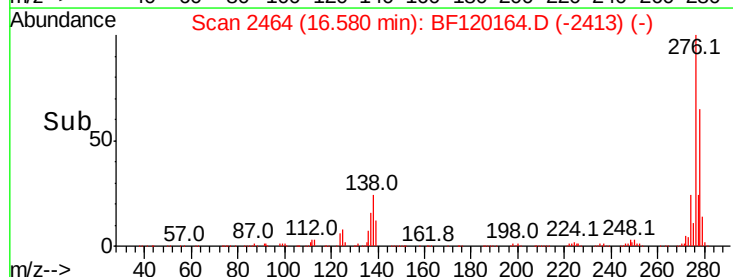
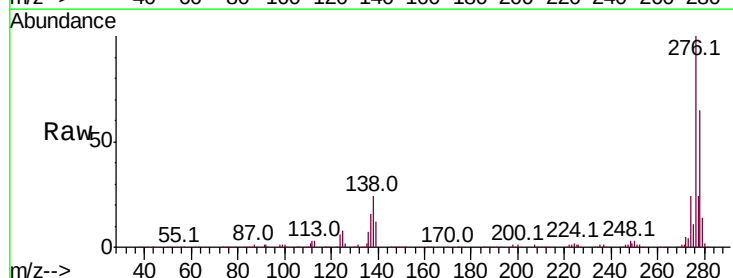
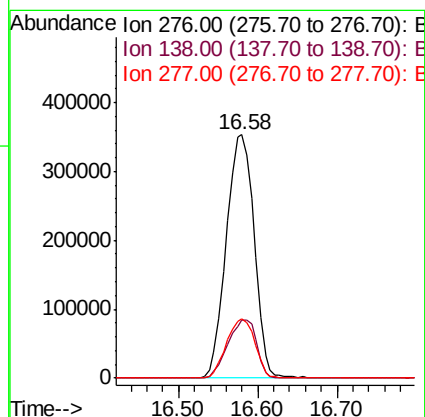
RT: 16.58 min Scan# 2464

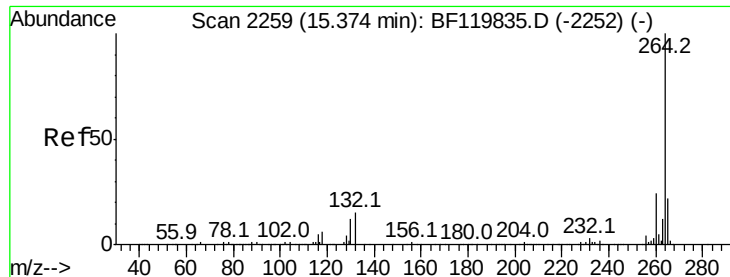
Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Tgt Ion:	276	Resp:	861600
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.6	29.4
277	24.9	20.0	30.0





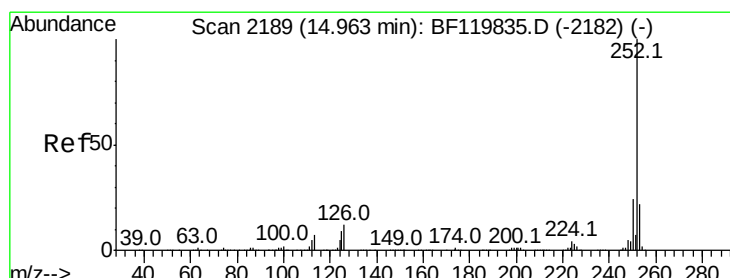
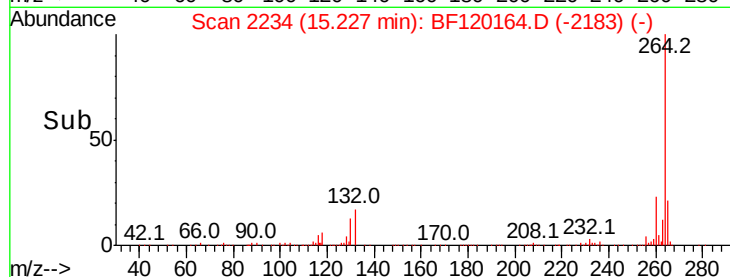
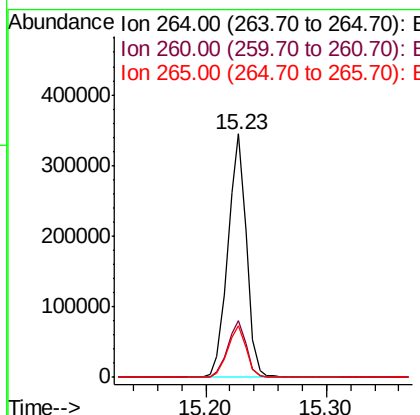
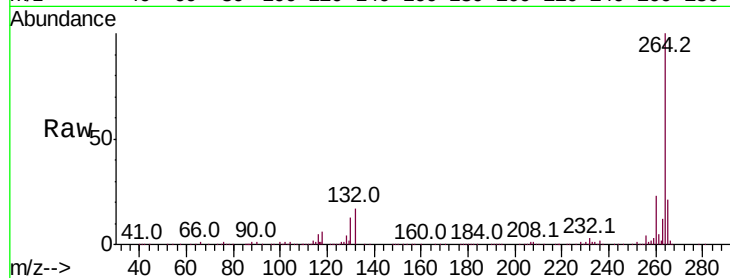
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.2	17.7	26.5

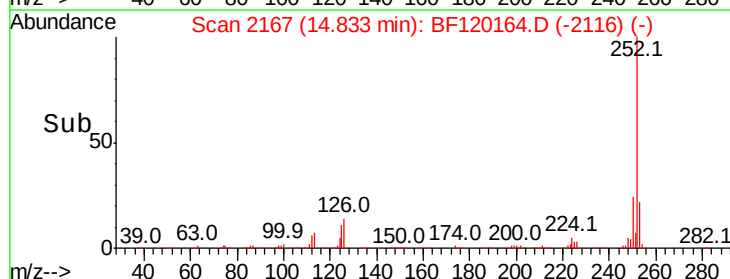
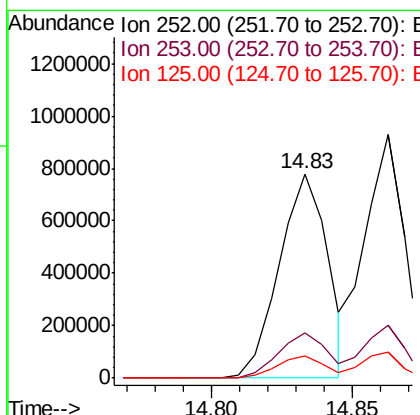
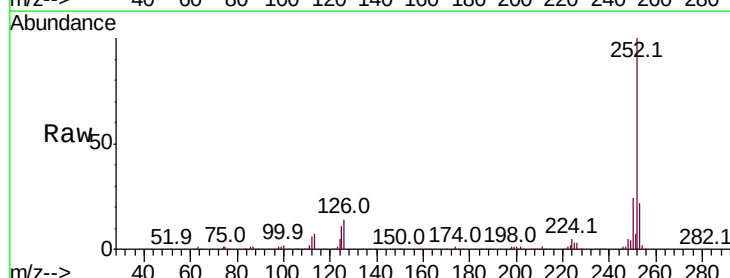
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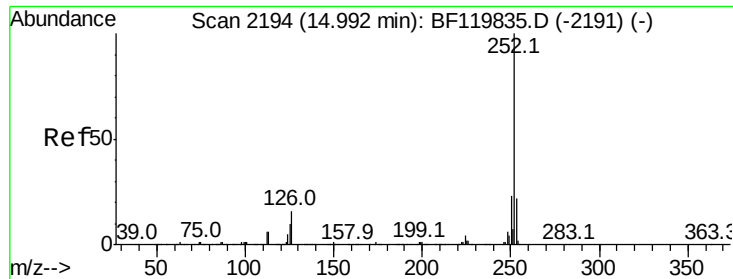
mohammad
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#88
Benzo(b)fluoranthene
Concen: 35.373 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.9	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 40.369 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Instrument :

BNA_F

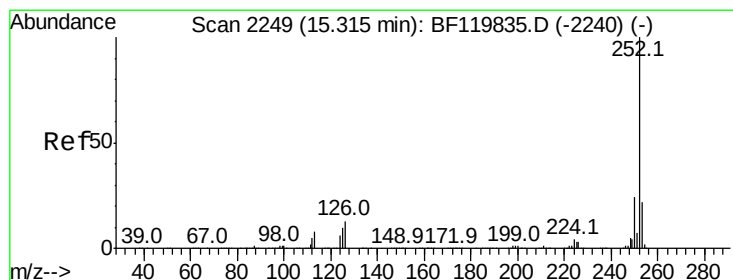
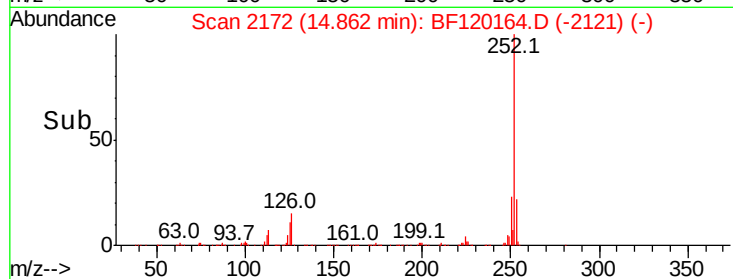
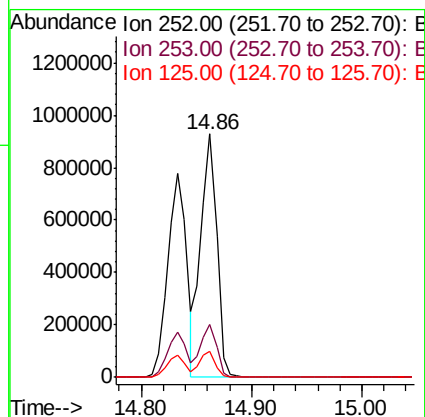
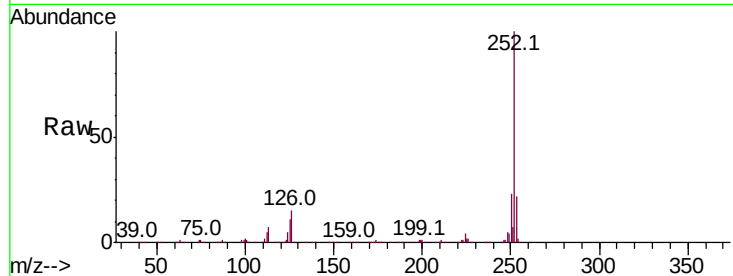
ClientSampleId :

PB128352BS

Tot Ion:	252	Resp:	915244
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	10.7	8.4	12.6

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#90

Benzo(a)pyrene

Concen: 37.051 ng

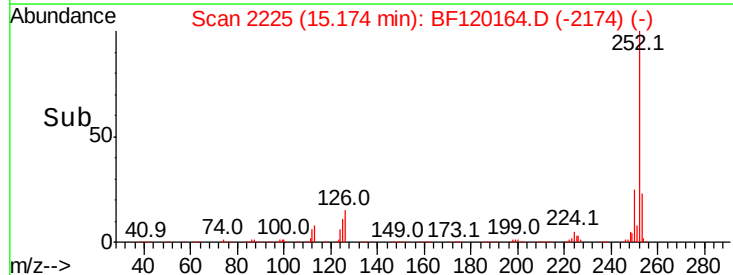
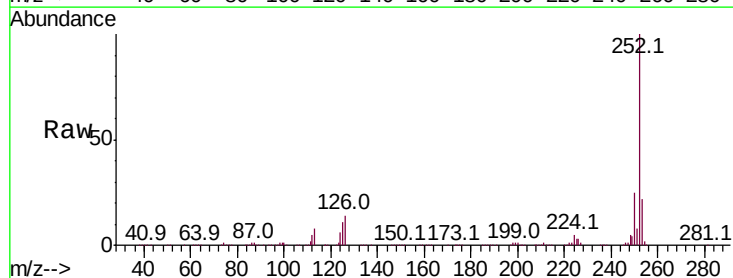
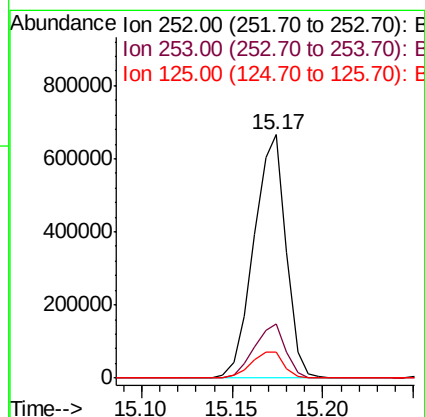
RT: 15.17 min Scan# 2225

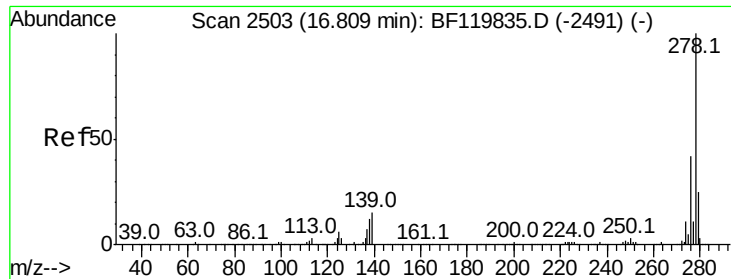
Delta R.T. -0.00 min

Lab File: BF120164.D

Acq: 23 Apr 2020 15:37

Tgt Ion:	252	Resp:	818588
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	10.9	9.4	14.2





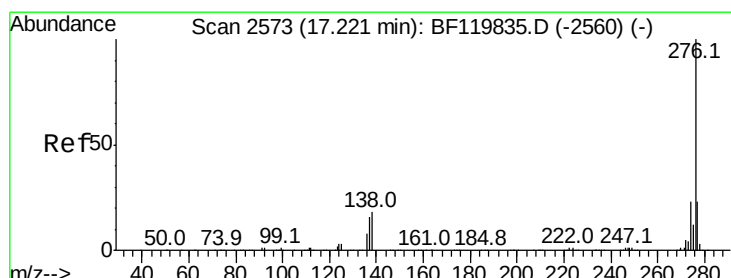
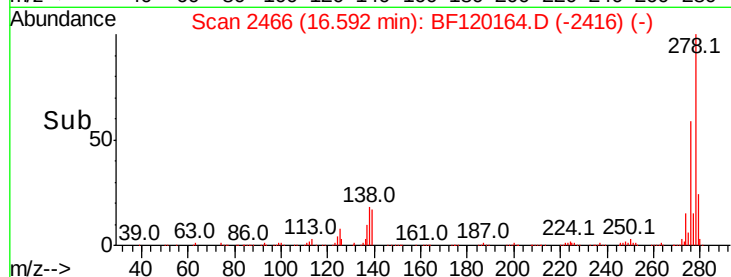
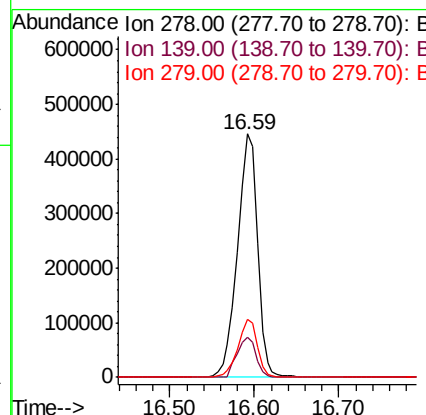
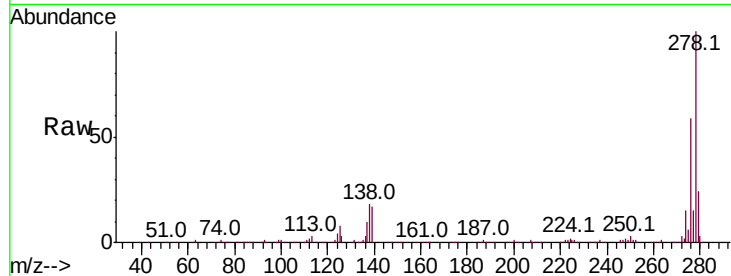
#91
Dibenzo(a,h)anthracene
Concen: 37.199 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Instrument :
BNA_F
ClientSampleId :
PB128352BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.6	19.0
279	23.9	19.0	28.6

Manual Integrations
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mohammad
4/24/2020 1:34:07 PM



#92
Benzo(g,h,i)perylene
Concen: 35.544 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BF120164.D
Acq: 23 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	21.6	15.4	23.0

