

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120017.D
 Acq On : 16 Apr 2020 2:52
 Operator : MA/SJ
 Sample : PB128243BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BS

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:53:07 PM

Quant Time: Apr 16 05:23:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162339	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	634473	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	332396	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	650608	20.00	ng	0.00
76) Chrysene-d12	13.90	240	449472	20.00	ng	0.00
87) Perylene-d12	15.31	264	377250	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	905464	96.39	ng	0.01
7) Phenol-d6	6.36	99	1157575	95.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	1028857	83.89	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	327189	80.40	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2052758	87.68	ng	0.00
79) Terphenyl-d14	12.84	244	2244126	84.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	166393	39.770	ng	95
3) Pyridine	3.16	79	458123	39.909	ng	98
4) n-Nitrosodimethylamine	3.12	42	264123	45.033	ng	95
6) Aniline	6.39	93	563743	35.485	ng	99
8) 2-Chlorophenol	6.51	128	535247	50.997	ng	99
9) Benzaldehyde	6.27	77	236562	34.223	ng	98
10) Phenol	6.37	94	673273	49.029	ng	97
11) bis(2-Chloroethyl)ether	6.46	93	508099	47.921	ng	99
12) 1,3-Dichlorobenzene	6.66	146	538963	46.904	ng	99
13) 1,4-Dichlorobenzene	6.75	146	540748	46.198	ng	96
14) 1,2-Dichlorobenzene	6.90	146	511929	47.457	ng	97
15) Benzyl Alcohol	6.87	79	425552	45.265	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	889522	43.113	ng	97
17) 2-Methylphenol	6.99	107	431977	46.119	ng	99
18) Hexachloroethane	7.24	117	207886	47.522	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	365248	46.926	ng	96
20) 3+4-Methylphenols	7.14	107	530769	46.333	ng	94
22) Acetophenone	7.14	105	705956	47.516	ng	# 99
24) Nitrobenzene	7.31	77	555555	45.030	ng	98
25) Isophorone	7.55	82	1036049	43.823	ng	98
26) 2-Nitrophenol	7.63	139	287041	46.569	ng	98
27) 2,4-Dimethylphenol	7.67	122	452746	48.703	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	649259	46.670	ng	99
29) 2,4-Dichlorophenol	7.87	162	448411	47.059	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	477931	44.266	ng	99
31) Naphthalene	8.03	128	1523716	45.646	ng	99
32) Benzoic acid	7.80	122	245992	30.130	ng	97
33) 4-Chloroaniline	8.08	127	327059	22.506	ng	99
34) Hexachlorobutadiene	8.15	225	275500	42.627	ng	98
35) Caprolactam	8.46	113	134787m	46.242	ng	
36) 4-Chloro-3-methylphenol	8.57	107	488059	47.309	ng	96
37) 2-Methylnaphthalene	8.73	142	1050554	46.420	ng	99
38) 1-Methylnaphthalene	8.83	142	987388	46.288	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	457950	43.621	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	526389	88.175	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	331927	45.785	nq	98
44) 2,4,5-Trichlorophenol	9.05	196	344260	42.161	nq	93
46) 1,1'-Biphenyl	9.19	154	1260310	44.921	nq	99
47) 2-Chloronaphthalene	9.22	162	975268	45.124	nq	98
48) 2-Nitroaniline	9.32	65	354166	45.219	nq	97
49) Acenaphthylene	9.63	152	1541248	46.890	nq	99
50) Dimethylphthalate	9.50	163	1157795	45.032	nq	98
51) 2,6-Dinitrotoluene	9.56	165	262753	46.669	nq	99
52) Acenaphthene	9.80	154	993615m	45.317	nq	
53) 3-Nitroaniline	9.73	138	177311	27.575	nq	92
54) 2,4-Dinitrophenol	9.83	184	128599	38.151	nq	96
55) Dibenzofuran	9.97	168	1387178	46.104	nq	98
56) 4-Nitrophenol	9.90	139	402237	84.073	nq	96
57) 2,4-Dinitrotoluene	9.96	165	345985	46.643	nq	94
58) Fluorene	10.32	166	1091235	45.350	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	282206	45.190	nq	99
60) Diethylphthalate	10.20	149	1204755	45.212	nq	98
61) 4-Chlorophenyl-phenylether	10.31	204	524920	42.562	nq	95
62) 4-Nitroaniline	10.35	138	267336	43.625	nq	99
63) Azobenzene	10.47	77	1127759	47.225	nq	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	127630	29.777	nq	96
66) n-Nitrosodiphenylamine	10.43	169	1000878	46.257	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	330332	40.827	nq	97
68) Hexachlorobenzene	10.87	284	352807	42.984	nq	95
69) Atrazine	10.97	200	310117	51.513	nq	98
70) Pentachlorophenol	11.06	266	327041	69.141	nq	99
71) Phenanthrene	11.28	178	1556303	44.946	nq	98
72) Anthracene	11.33	178	1626399	45.979	nq	100
73) Carbazole	11.49	167	1480698	44.265	nq	99
74) Di-n-butylphthalate	11.83	149	1918698	43.632	nq	99
75) Fluoranthene	12.47	202	1699981	45.501	nq	99
77) Benzidine	12.59	184	769456	50.644	nq	96
78) Pyrene	12.70	202	1708548	45.091	nq	100
80) Butylbenzylphthalate	13.32	149	803050	43.677	nq	99
81) Benzo(a)anthracene	13.89	228	1322666	44.731	nq	100
82) 3,3'-Dichlorobenzidine	13.85	252	308478	27.960	nq	94
83) Chrysene	13.92	228	1366960	45.497	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1038909	41.726	nq	100
85) Di-n-octyl phthalate	14.49	149	1801953	42.505	nq	98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1098401	41.474	nq	97
88) Benzo(b)fluoranthene	14.91	252	1172068	43.188	nq	# 98
89) Benzo(k)fluoranthene	14.94	252	1187555	50.717	nq	99
90) Benzo(a)pyrene	15.26	252	1046865	45.879	nq	98
91) Dibenzo(a,h)anthracene	16.72	278	920298	45.532	nq	97
92) Benzo(g,h,i)perylene	17.12	276	889674	44.592	nq	96

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

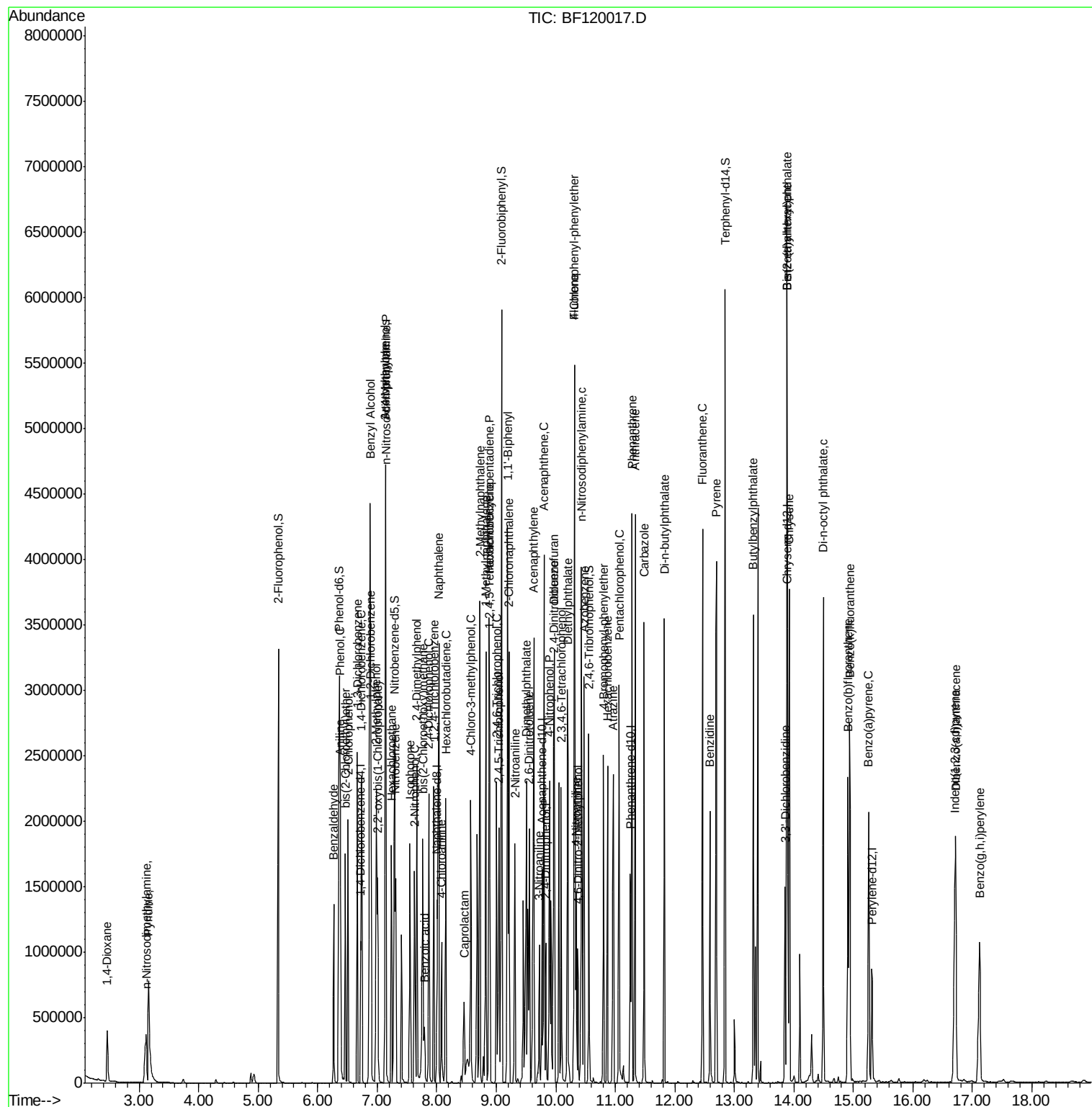
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120017.D
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Sample : PB128243BS
Misc :
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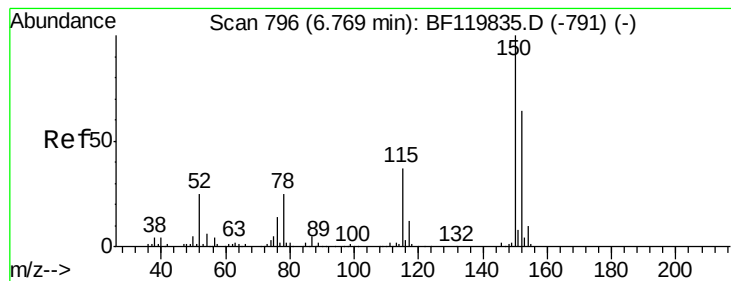
Instrument :
BNA_F
ClientSampled :
PB128243BS

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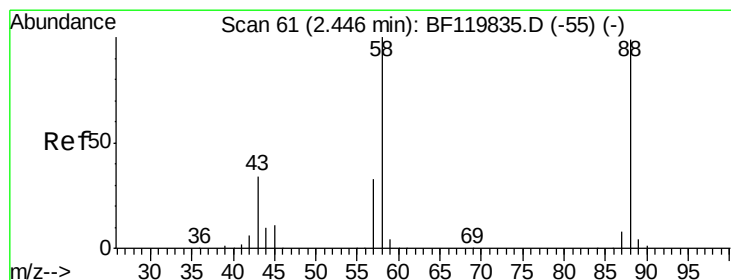
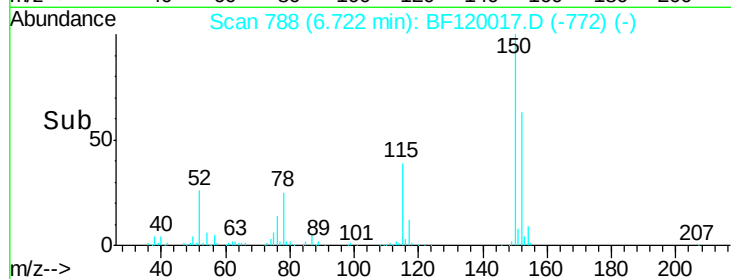
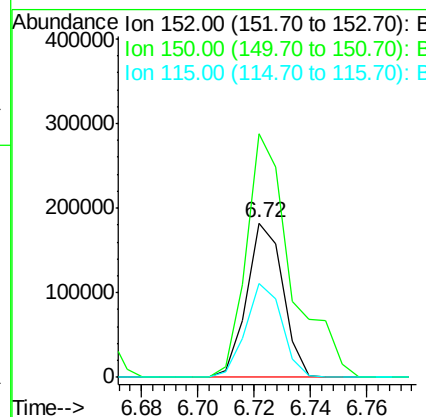
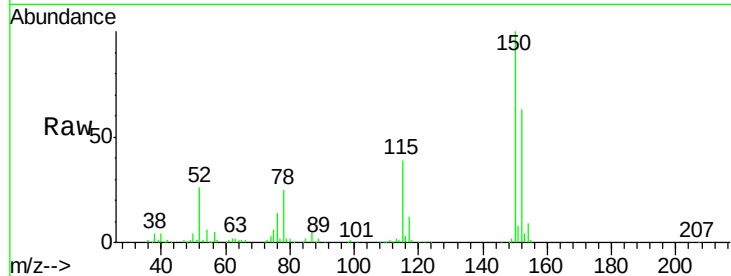
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.8	187.2
115	61.3	46.5	69.7

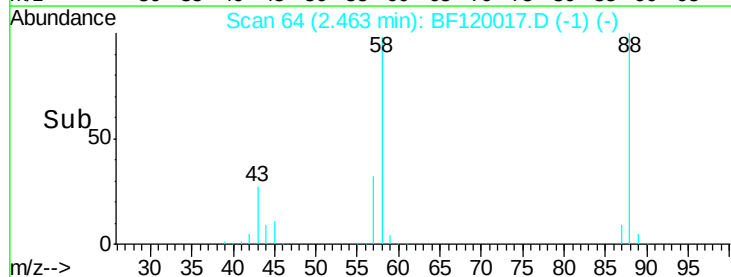
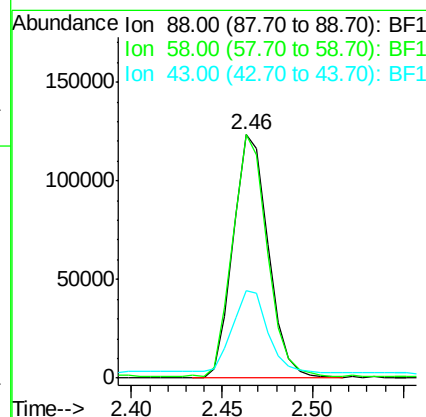
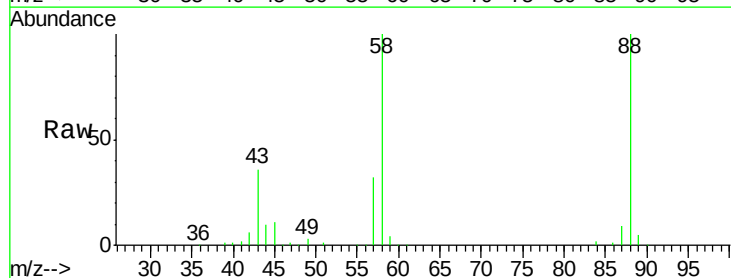
Manual Integrations
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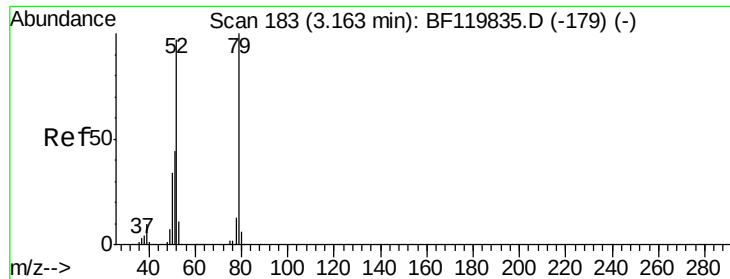
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#2
 1,4-Dioxane
 Concen: 39.770 ng
 RT: 2.46 min Scan# 64
 Delta R.T. 0.09 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.1	82.6	123.8
43	33.2	28.6	42.8





#3

Pvridine

Concen: 39.909 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.09 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Instrument :

BNA_F

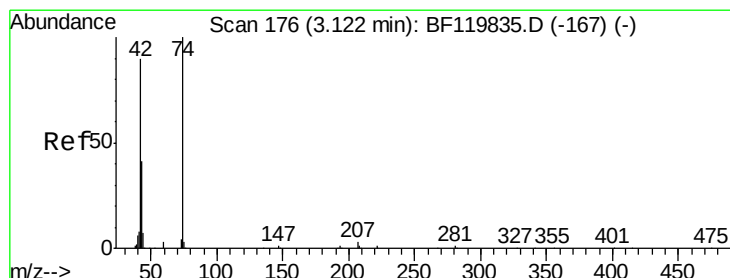
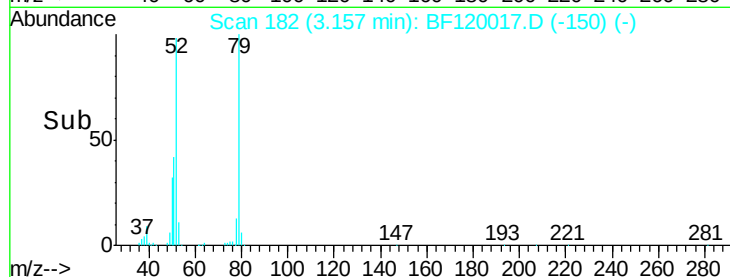
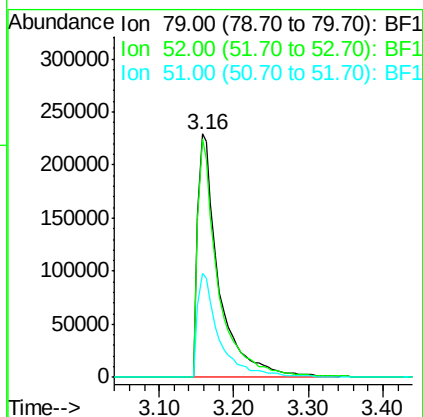
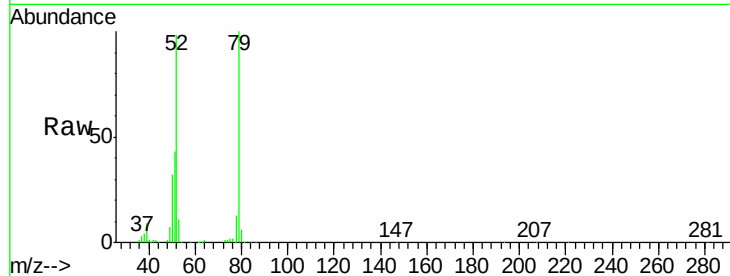
ClientSampleId :

PB128243BS

Tot Ion:	79	Resp:	458123
Ion Ratio	Lower	Upper	
79	100		
52	98.1	77.4	116.0
51	42.6	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 45.033 ng

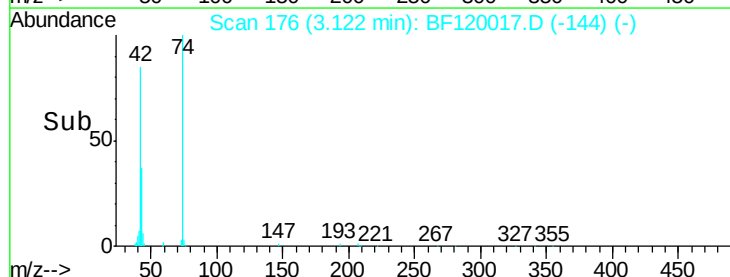
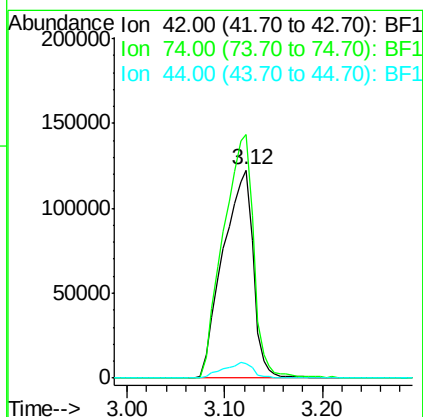
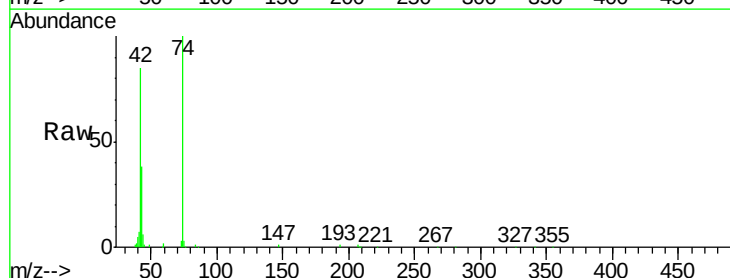
RT: 3.12 min Scan# 176

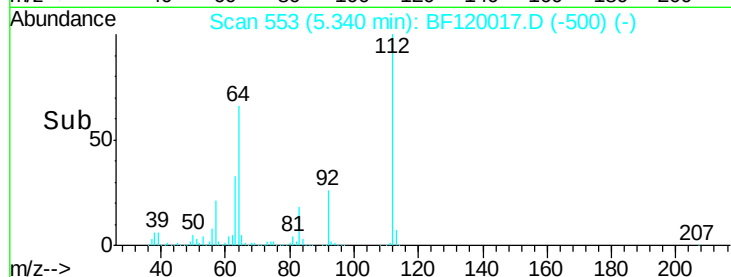
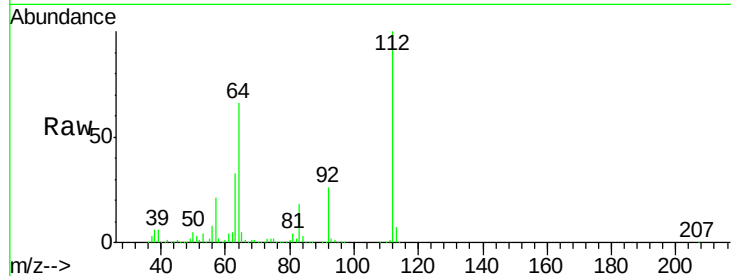
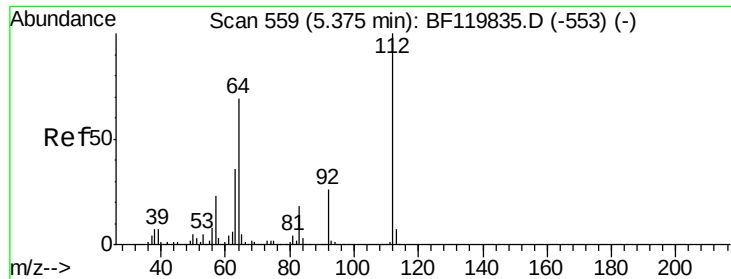
Delta R.T. 0.09 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Tgt Ion:	42	Resp:	264123
Ion Ratio	Lower	Upper	
42	100		
74	117.1	89.0	133.4
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 96.391 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Tot Ion:	112	Resp:	905464
Ion Ratio	Lower	Upper	
112	100		
64	66.0	55.5	83.3
63	33.2	29.1	43.7

Instrument :

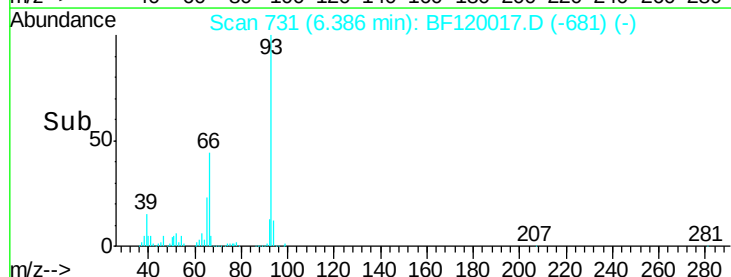
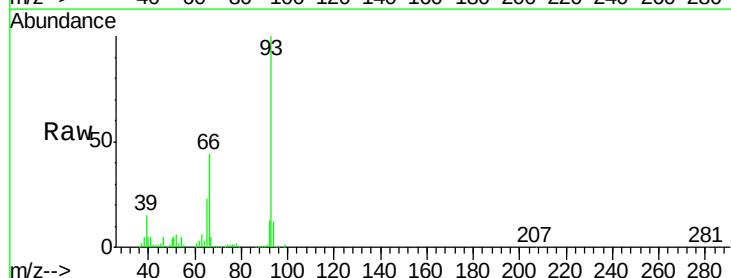
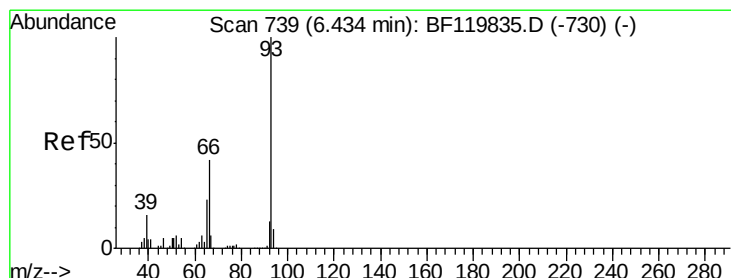
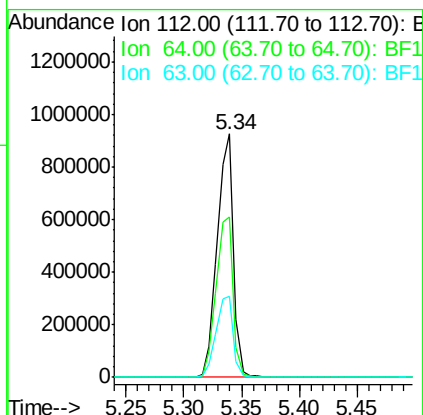
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#6

Aniline

Concen: 35.485 ng

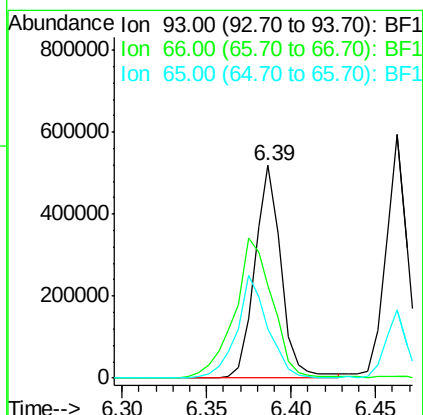
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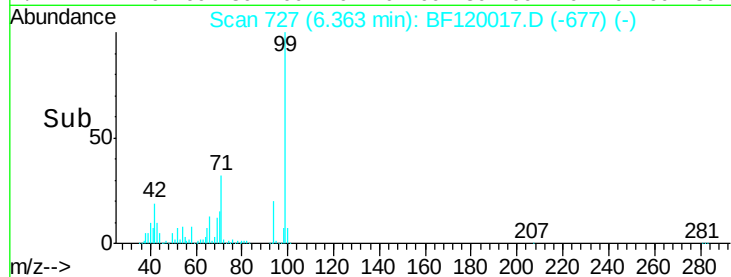
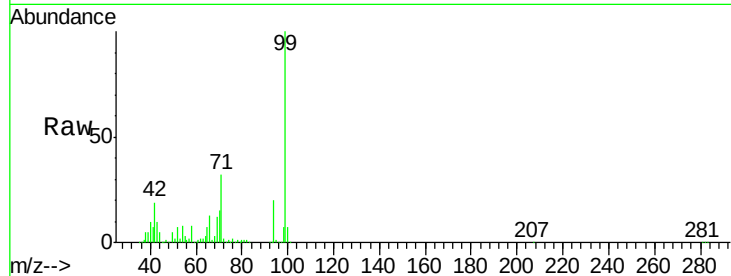
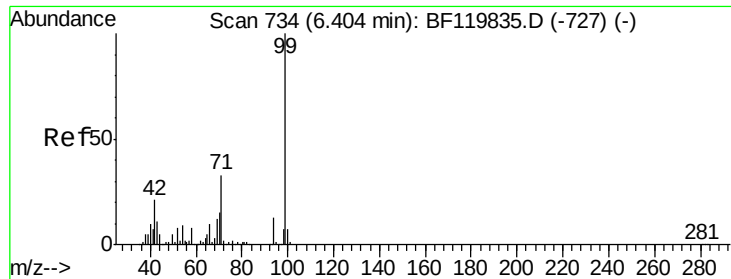
Delta R.T. -0.01 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Tgt Ion:	93	Resp:	563743
Ion Ratio	Lower	Upper	
93	100		
66	43.5	34.2	51.2
65	23.2	18.3	27.5





#7

Phenol-d6

Concen: 95.635 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Tot Ion: 99 Resp: 1157575

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

71 32.3 26.3 39.5

Instrument :

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ClientSampleId :

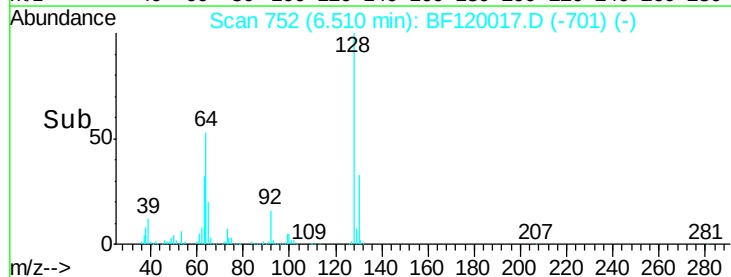
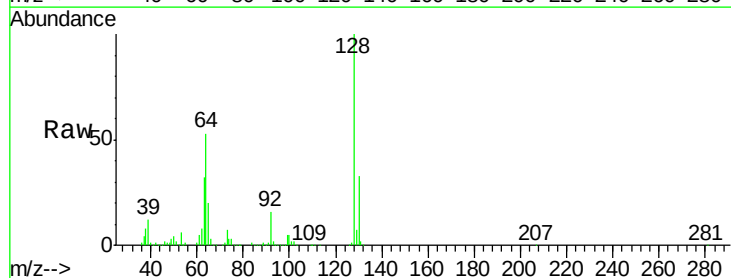
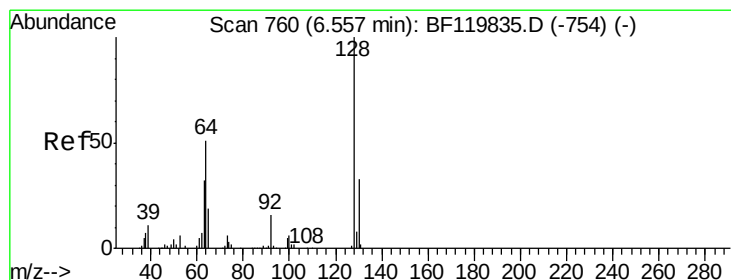
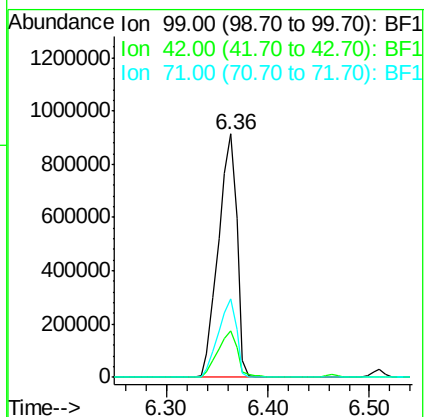
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#8

2-Chlorophenol

Concen: 50.997 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

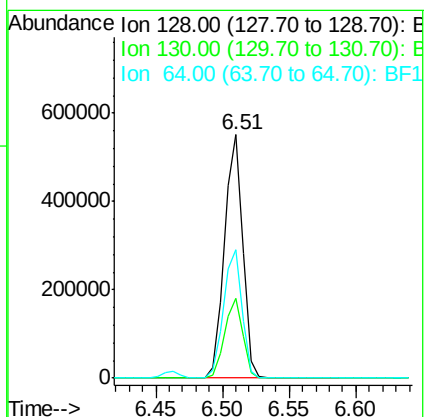
Tgt Ion: 128 Resp: 535247

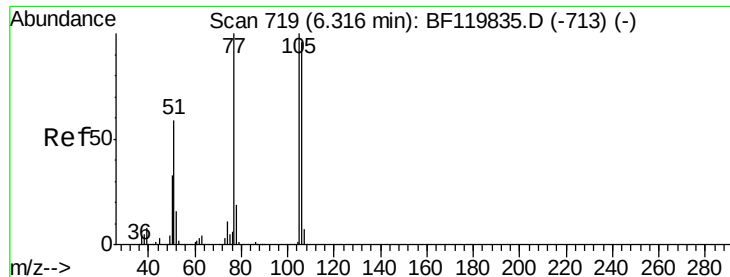
Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

64 52.8 32.0 72.0





#9

Benzaldehyde

Concen: 34.223 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Instrument :

BNA_F

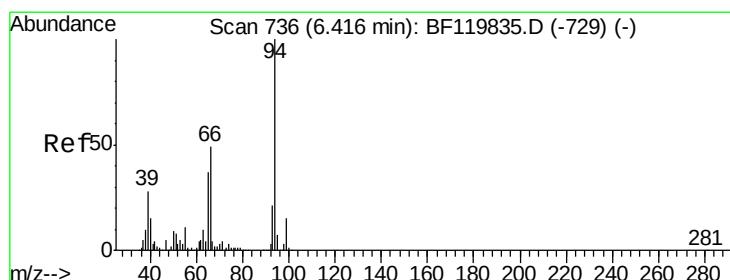
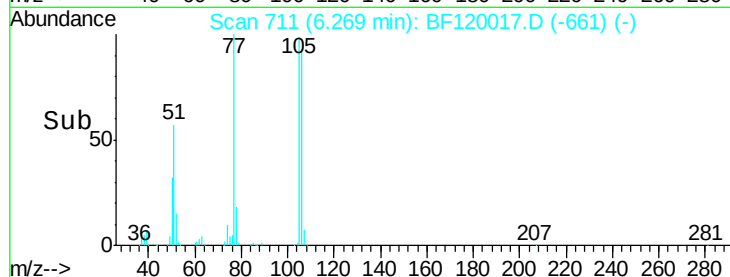
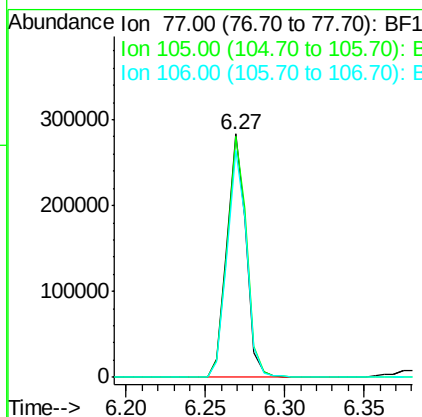
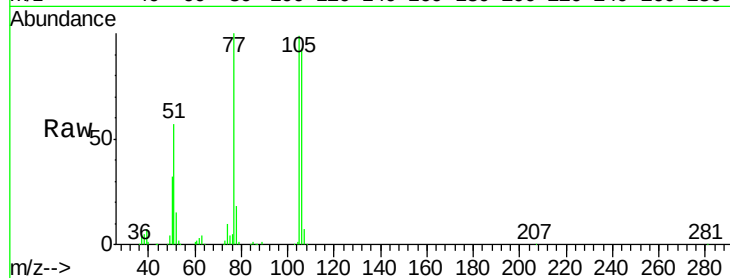
ClientSampleId :

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Tot Ion:	77	Resp:	236562
Ion Ratio	Lower	Upper	
77	100		
105	98.8	79.9	119.9
106	93.2	76.4	116.4

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#10

Phenol

Concen: 49.029 ng

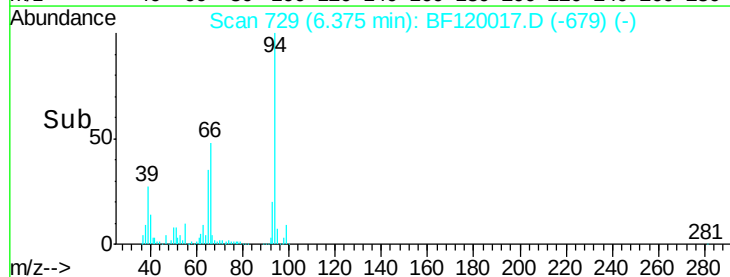
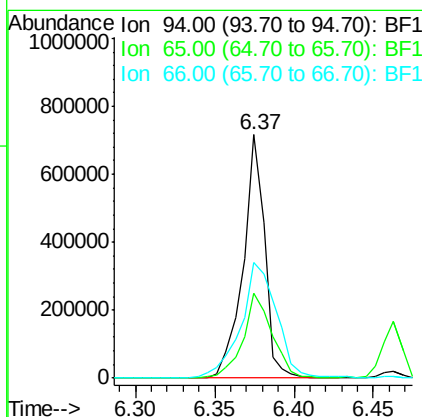
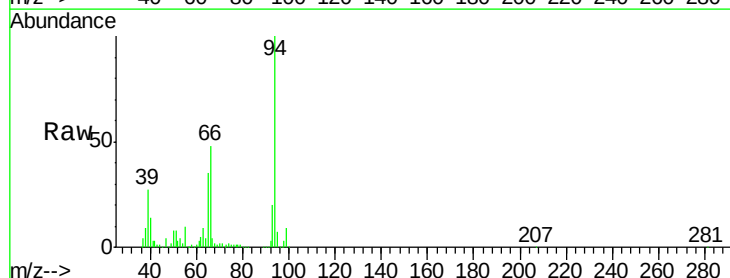
RT: 6.37 min Scan# 729

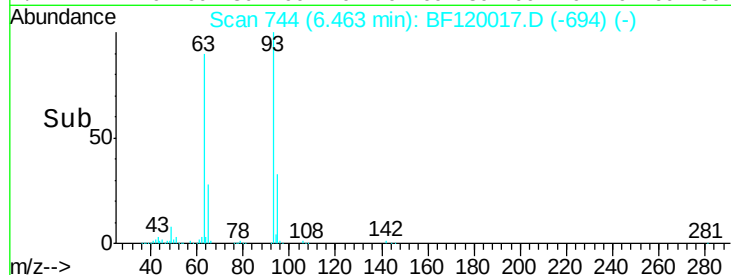
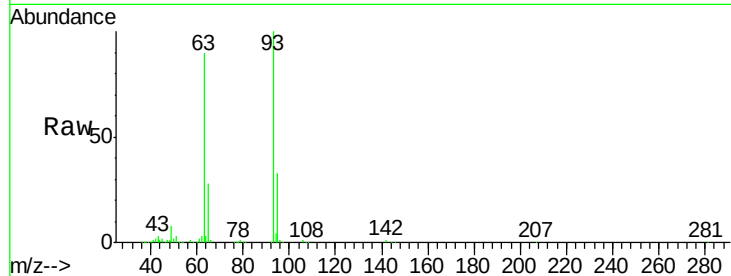
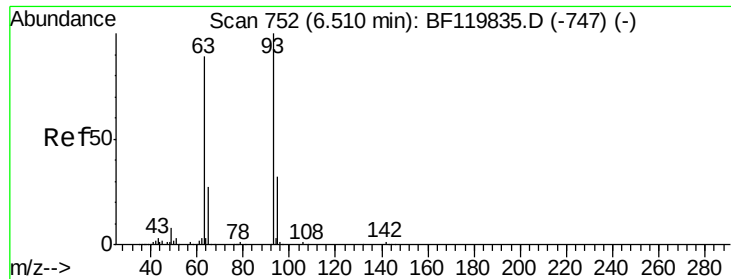
Delta R.T. -0.01 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Tgt Ion:	94	Resp:	673273
Ion Ratio	Lower	Upper	
94	100		
65	35.0	16.6	56.6
66	47.6	29.3	69.3





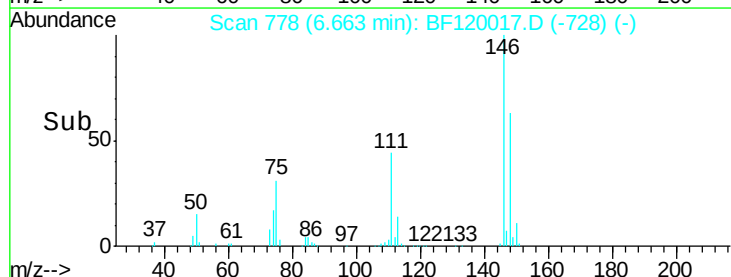
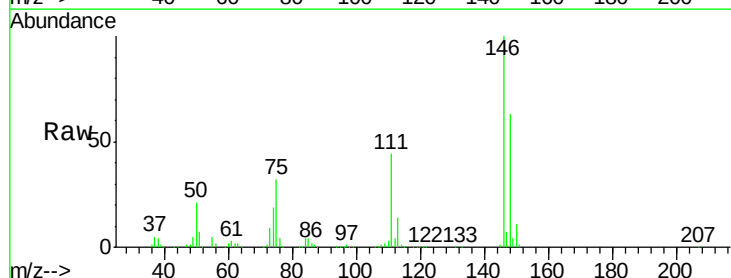
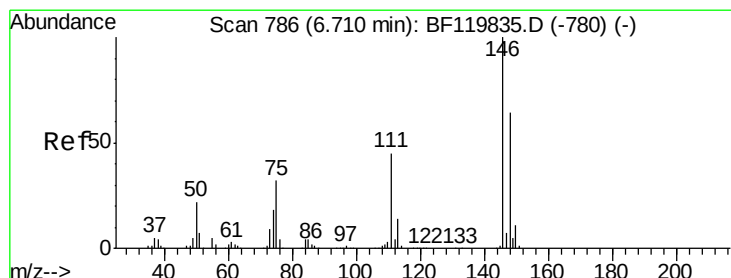
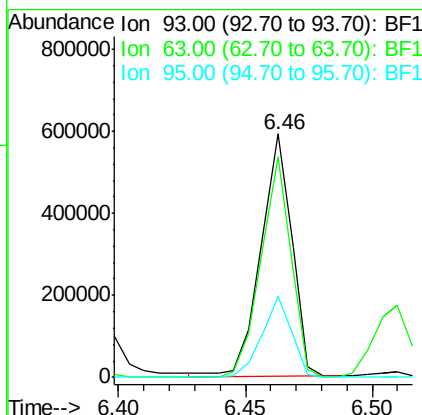
#11
bis(2-Chloroethyl)ether
Concen: 47.921 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tot Ion	93	Resp	508099
Ion Ratio	Lower	Upper	
93	100		
63	90.4	69.1	109.1
95	33.3	12.3	52.3

Instrument :
BNA_F
ClientSampleId :
PB128243BS

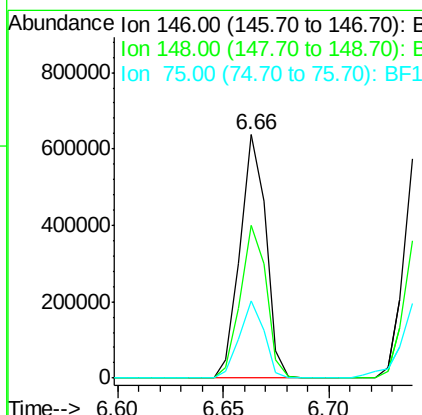
Manual Integrations
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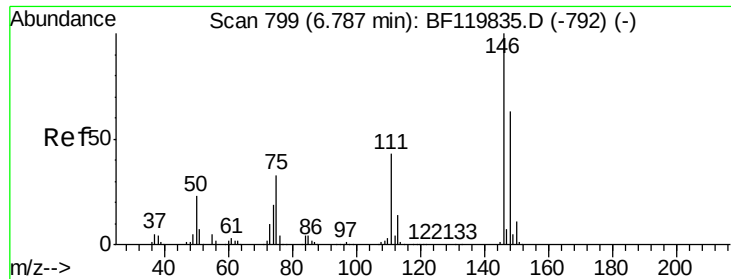
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.904 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	146	Resp	538963
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.3	76.9
75	32.0	25.3	37.9





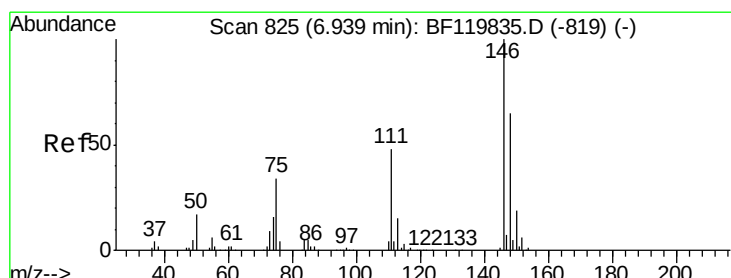
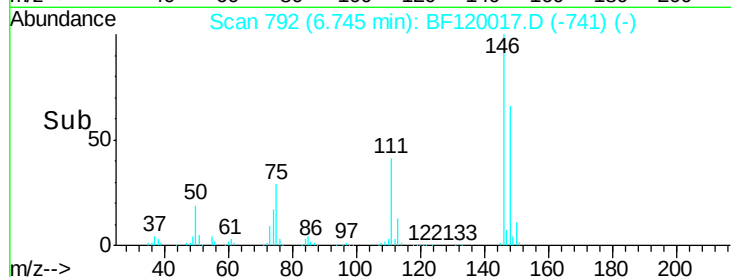
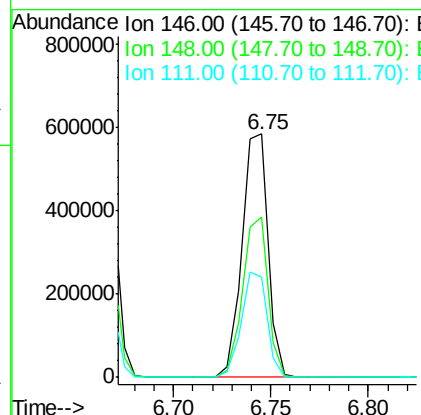
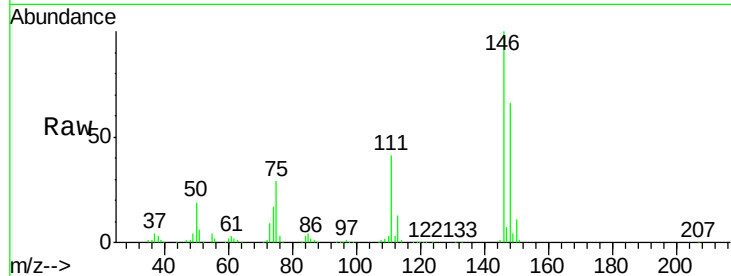
#13
 1,4-Dichlorobenzene
 Concen: 46.198 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.5	75.7
111	40.9	34.7	52.1

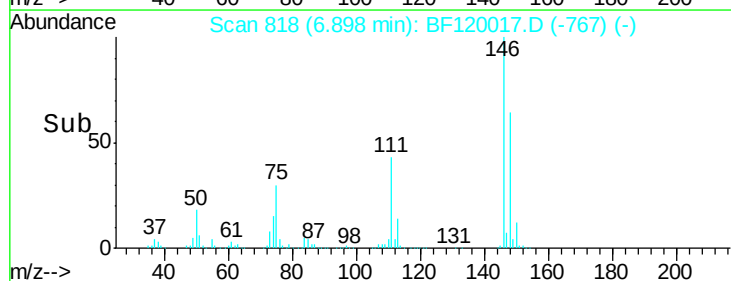
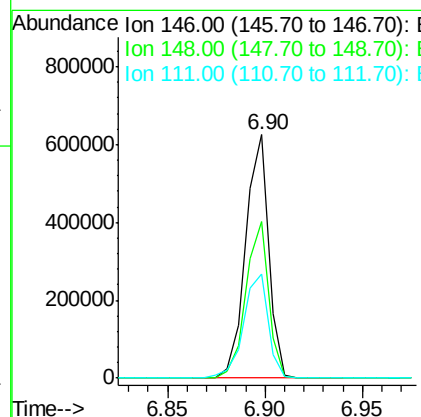
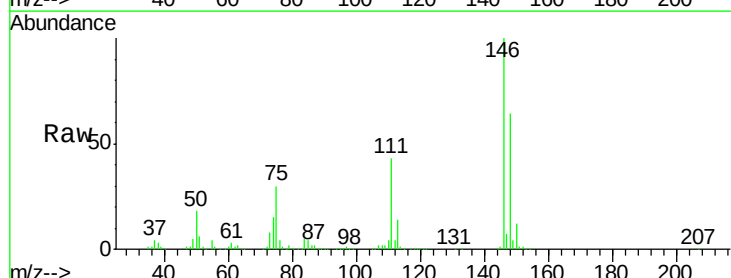
Manual Integrations
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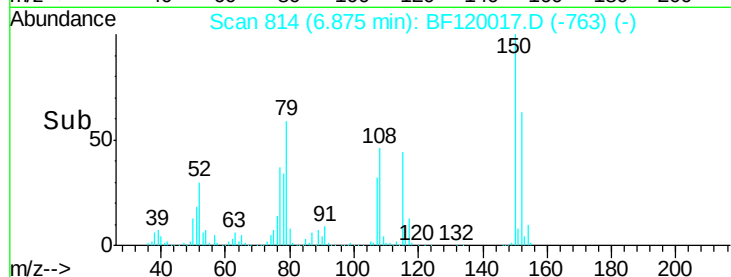
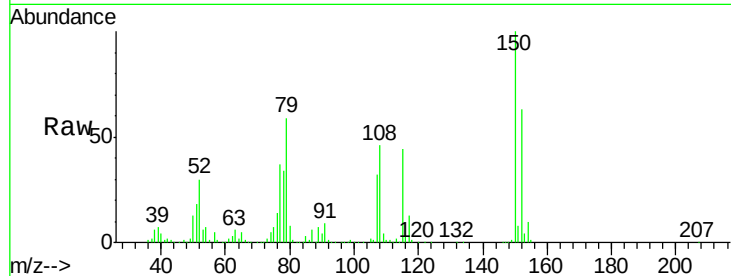
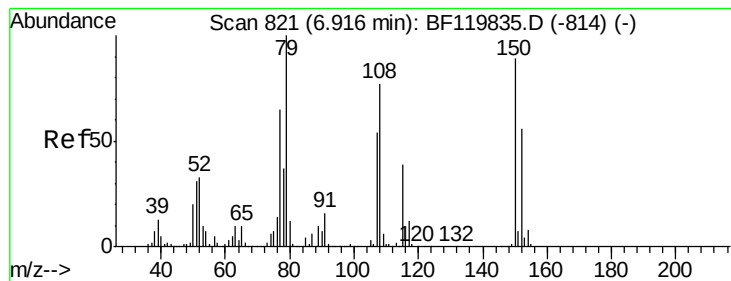
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#14
 1,2-Dichlorobenzene
 Concen: 47.457 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
111	42.7	38.0	57.0





#15

Benzyl Alcohol

Concen: 45.265 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Tot Ion:	79	Resp:	425552
Ion Ratio	Lower	Upper	
79	100		
108	77.7	62.0	93.0
77	62.9	51.8	77.6

Instrument :

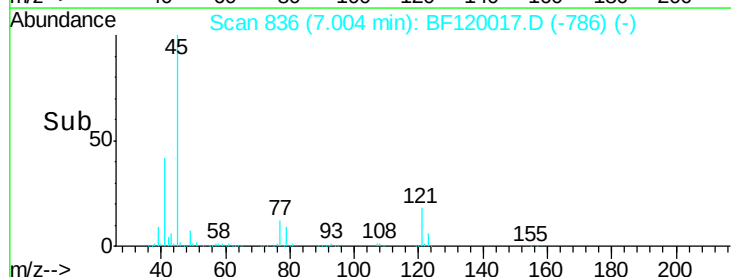
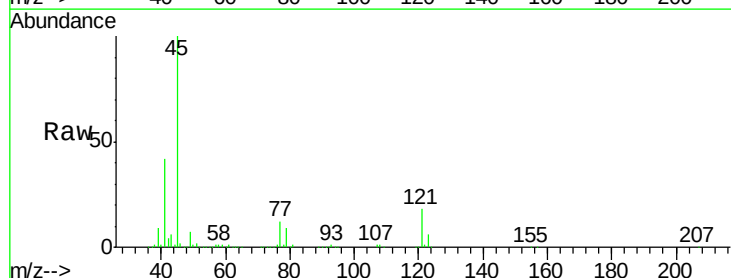
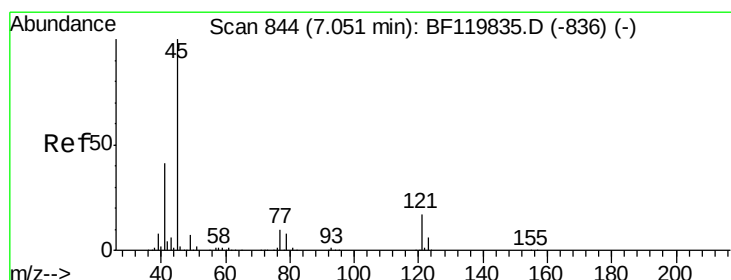
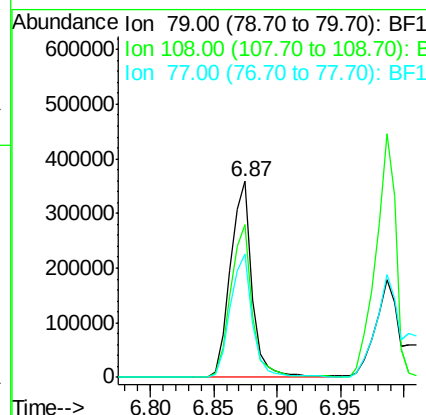
BNA_F

ClientSampled :

PB128243BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.113 ng

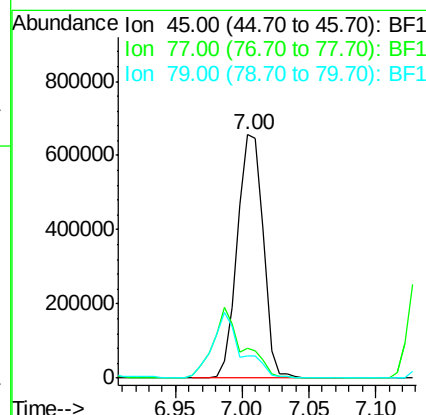
RT: 7.00 min Scan# 836

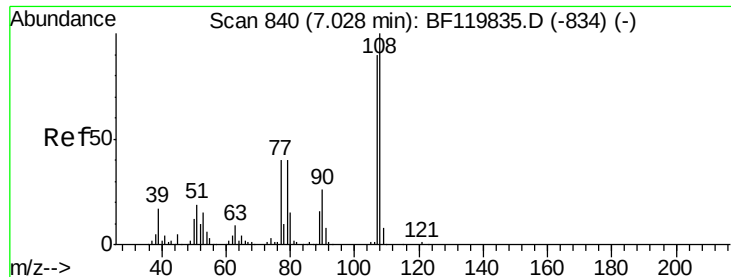
Delta R.T. -0.01 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Tgt Ion:	45	Resp:	889522
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	30.7
79	9.1	0.0	28.6





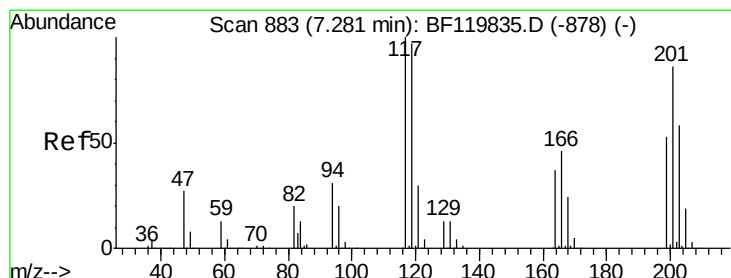
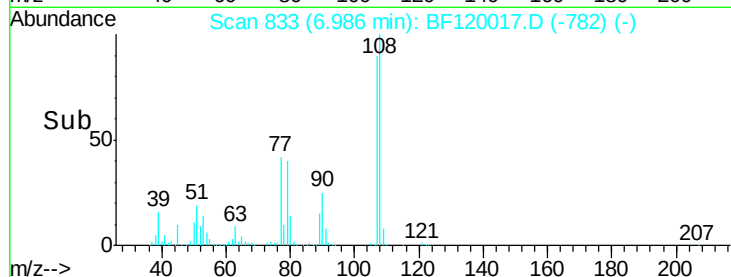
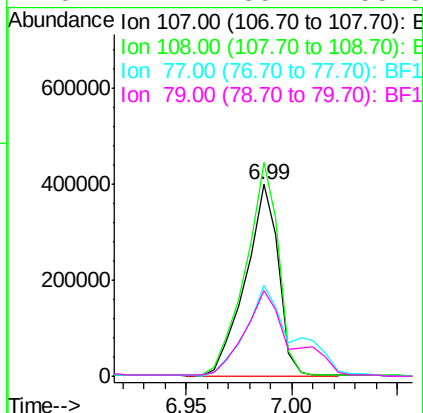
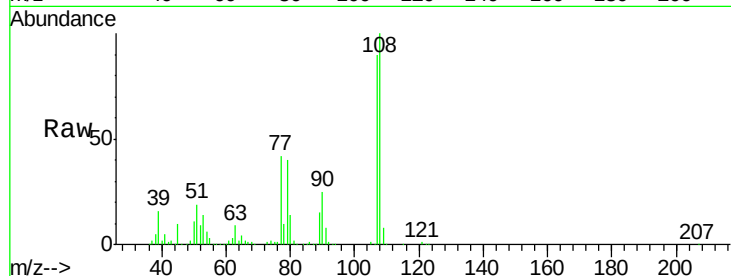
#17
2-Methylphenol
Concen: 46.119 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	88.8	133.2	
77	47.3	36.0	54.0	
79	44.7	35.7	53.5	

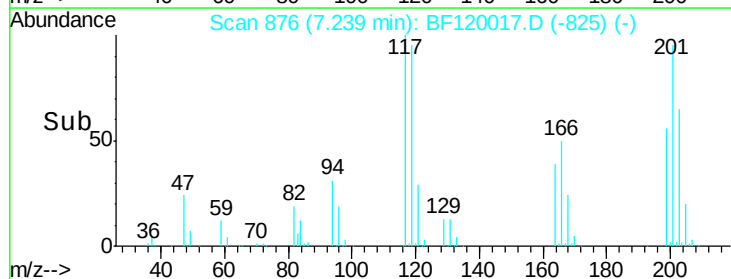
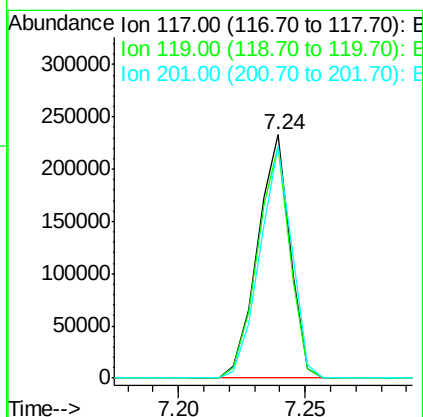
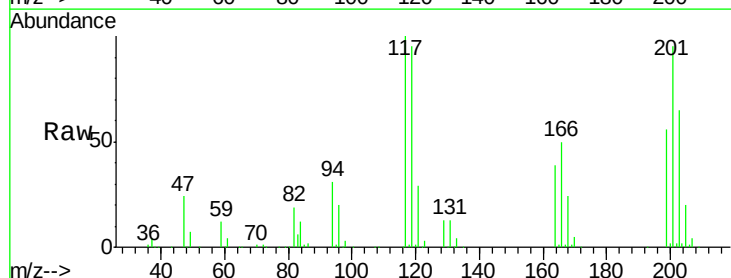
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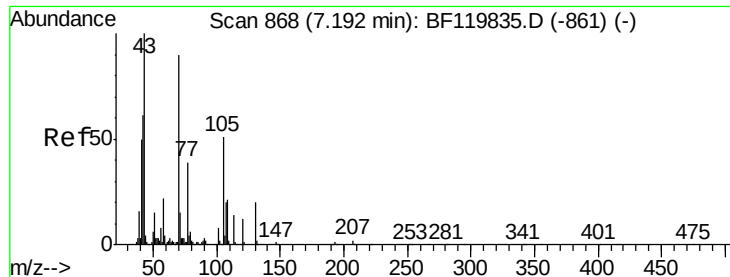
mohammad
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#18
Hexachloroethane
Concen: 47.522 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.4	116.0	
201	95.2	68.4	102.6	





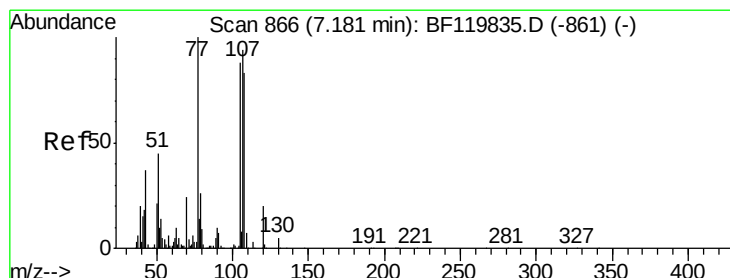
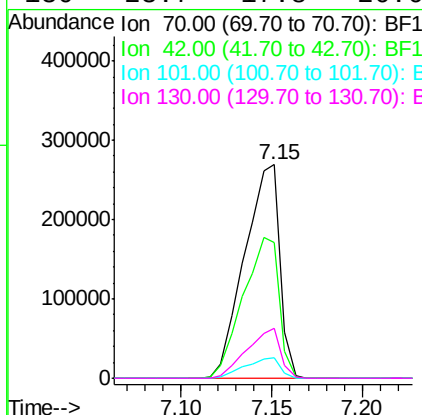
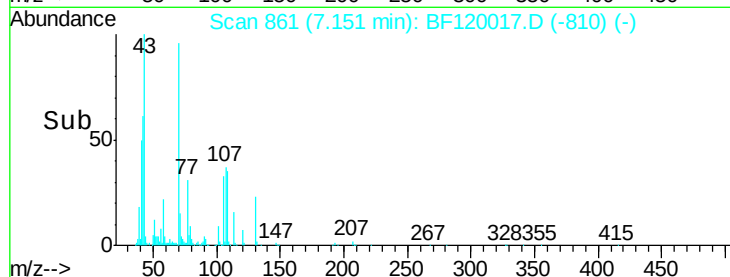
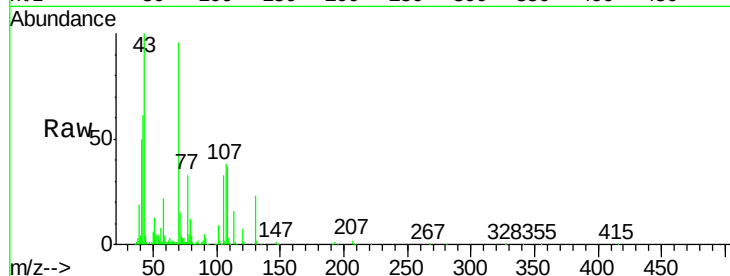
#19
n-Nitroso-di-n-propylamine
Concen: 46.926 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.7	54.2	81.4	
101	9.5	7.4	11.2	
130	23.7	17.8	26.6	

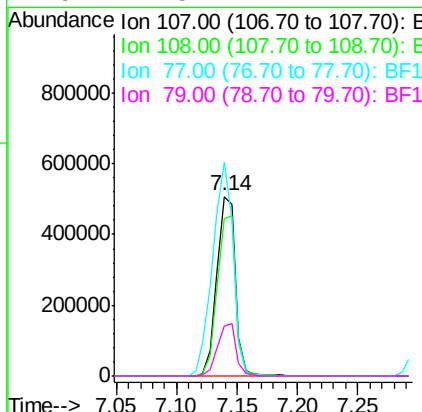
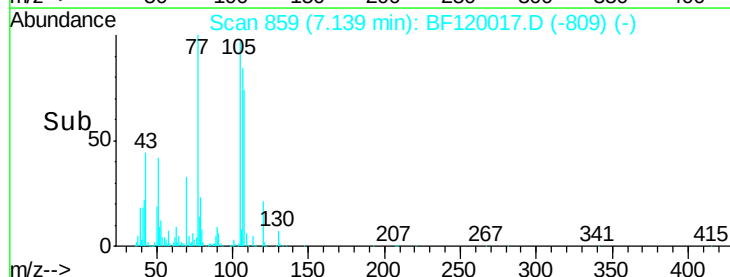
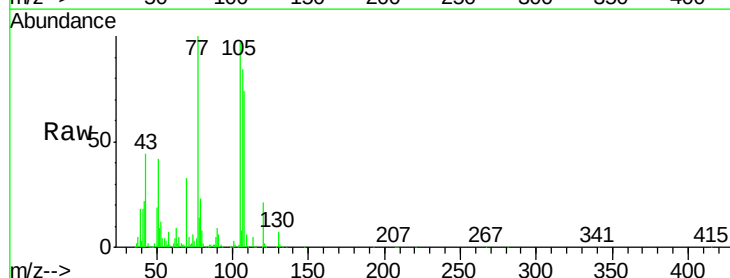
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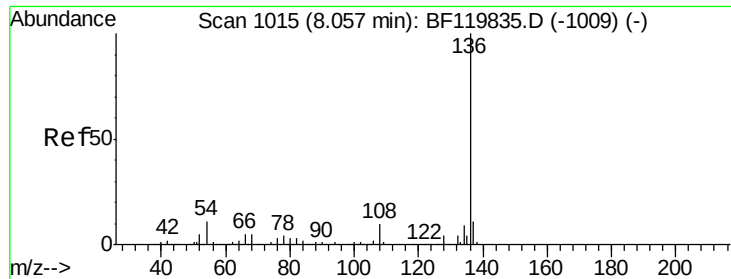
mohammad
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#20
3+4-Methylphenols
Concen: 46.333 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	68.2	108.2	
77	119.0	86.6	126.6	
79	27.5	7.7	47.7	





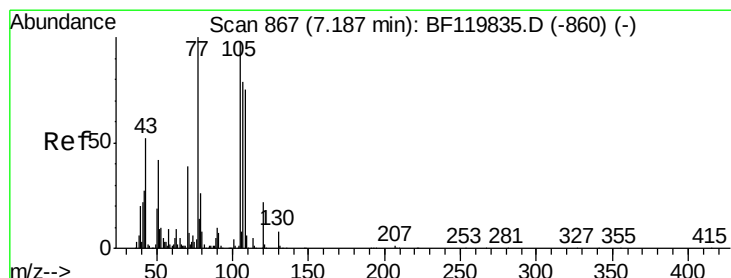
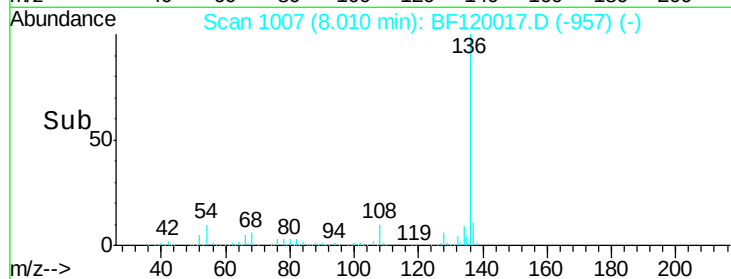
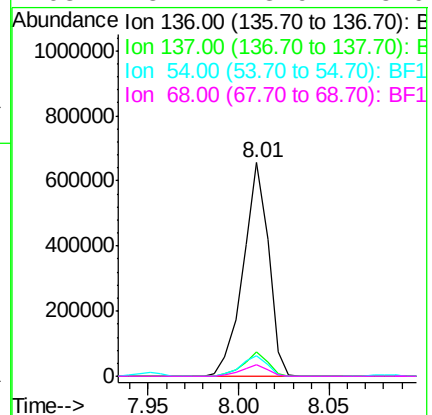
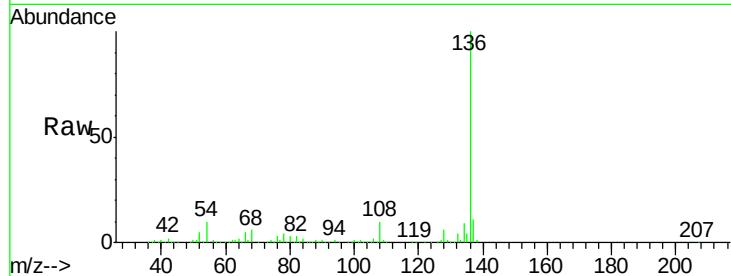
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	634473		
137	11.5	8.7	13.1	
54	9.6	8.5	12.7	
68	5.7	3.9	5.9	

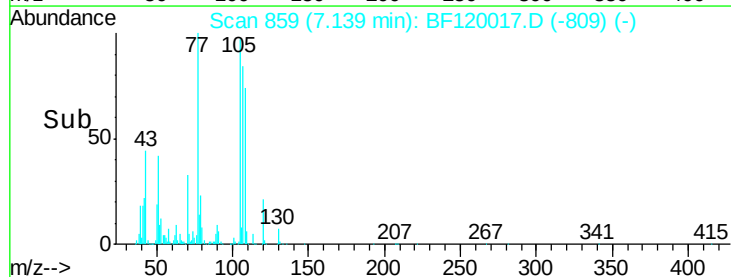
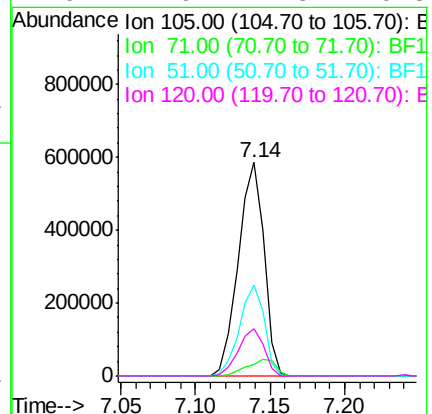
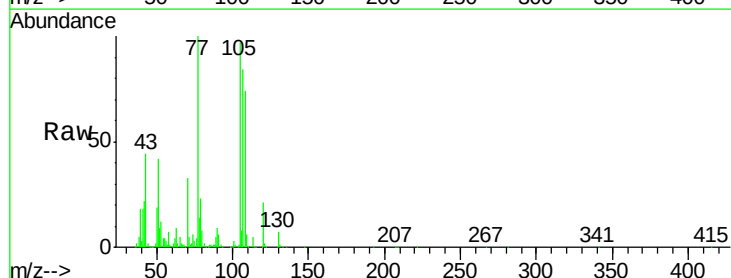
Manual Integrations
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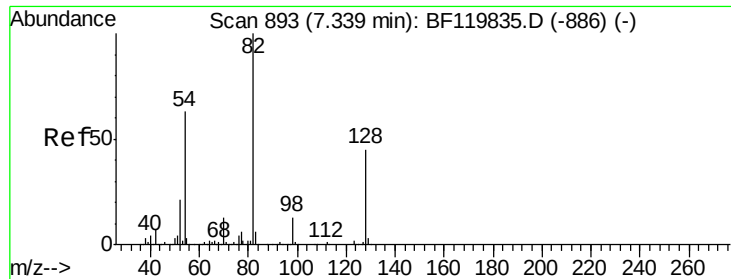
mohammad
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#22
Acetophenone
Concen: 47.516 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	705956		
71	5.5	5.6	8.4#	
51	42.8	33.9	50.9	
120	21.9	17.8	26.8	





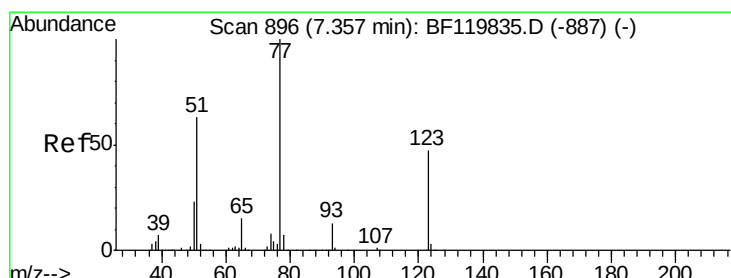
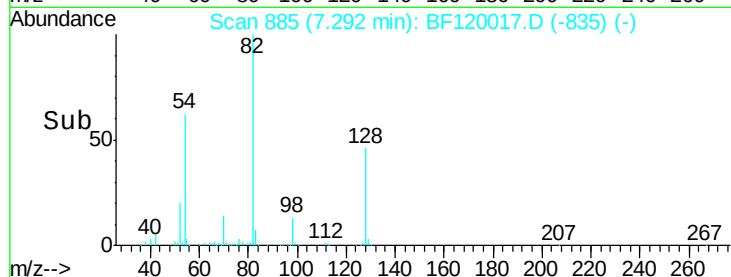
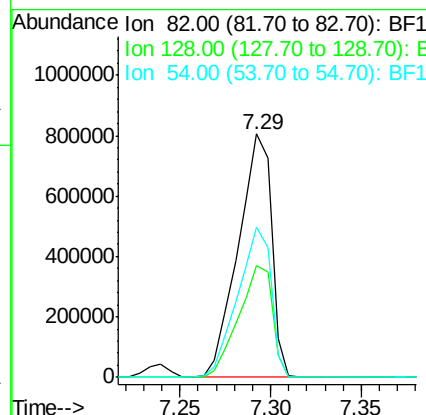
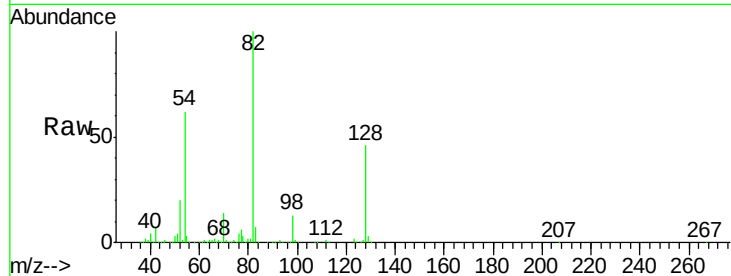
#23
 Nitrobenzene-d5
 Concen: 83.891 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BS

Tot Ion: 82 Resp: 1028857
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.2 54.4
 54 61.8 50.4 75.6

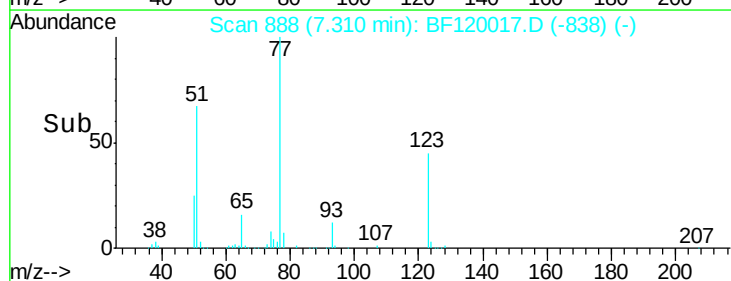
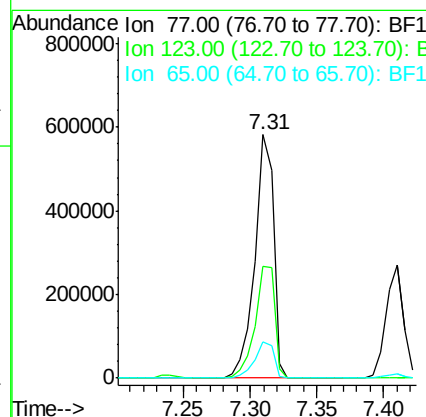
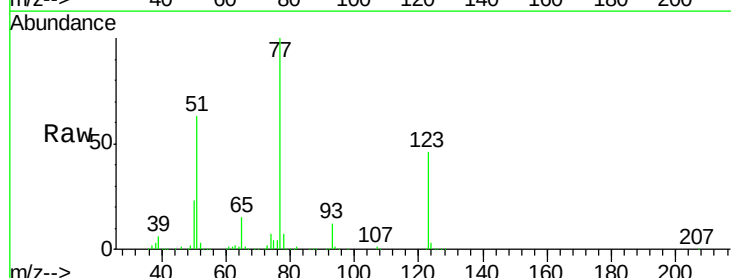
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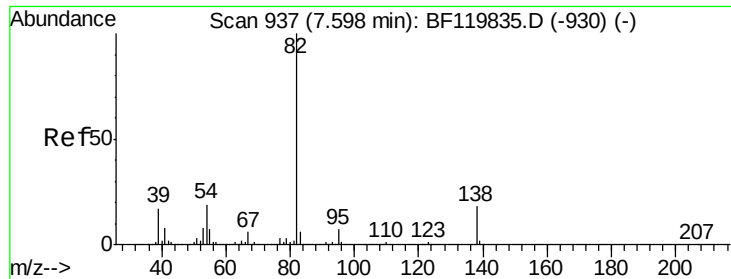
mohammad
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#24
 Nitrobenzene
 Concen: 45.030 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Tgt Ion: 77 Resp: 555555
 Ion Ratio Lower Upper
 77 100
 123 46.0 37.8 56.8
 65 15.0 12.2 18.2





#25

Isophorone

Concen: 43.823 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Instrument :

BNA_F

ClientSampleID :

PB128243BS

Tot Ion: 82 Resp: 1036049

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

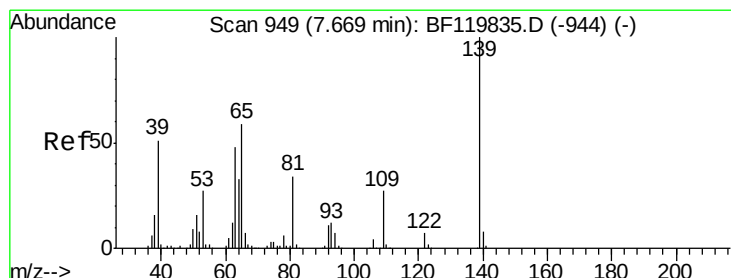
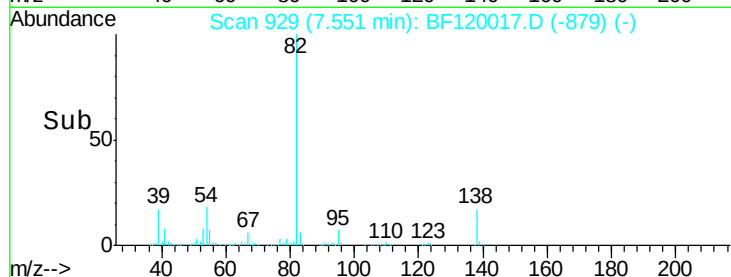
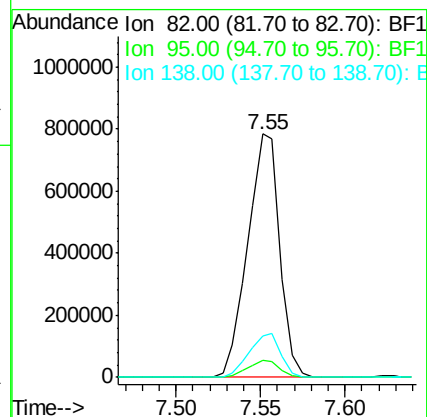
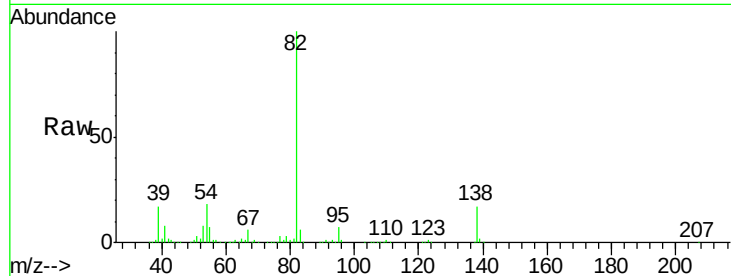
138 17.2 14.5 21.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.569 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

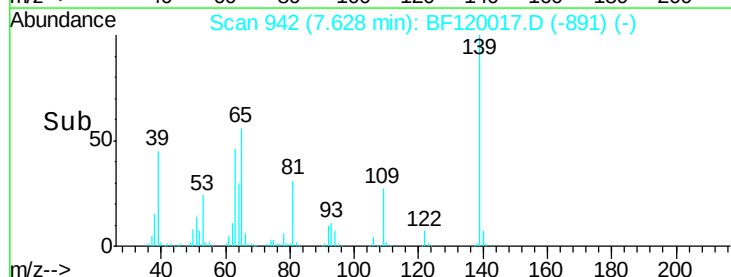
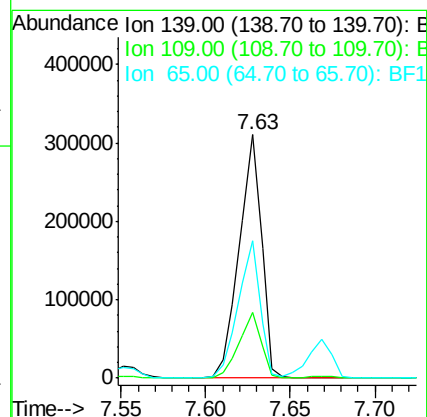
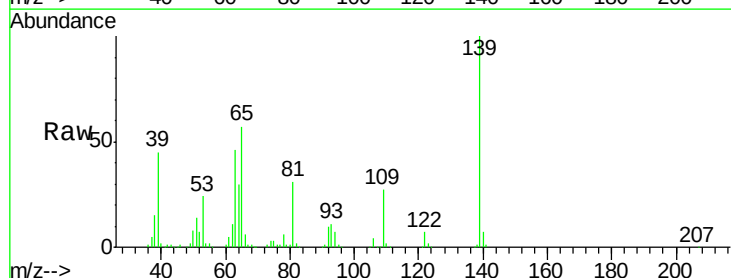
Tgt Ion: 139 Resp: 287041

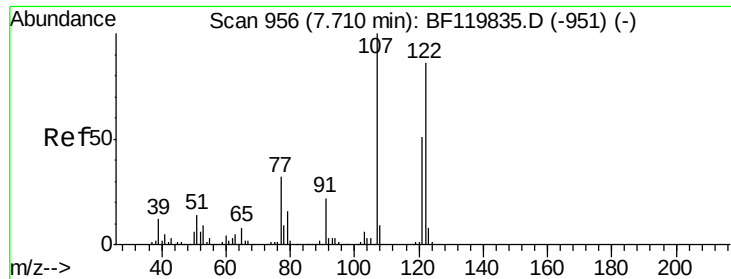
Ion Ratio Lower Upper

139 100

109 26.9 21.8 32.6

65 56.5 47.0 70.4





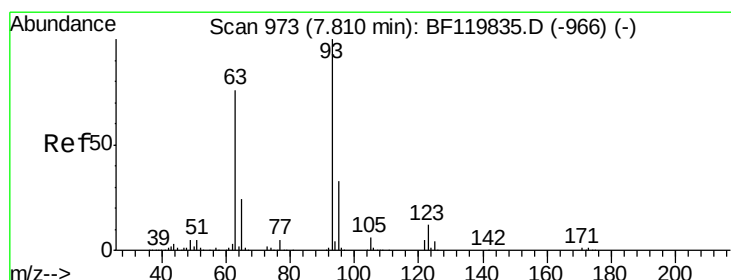
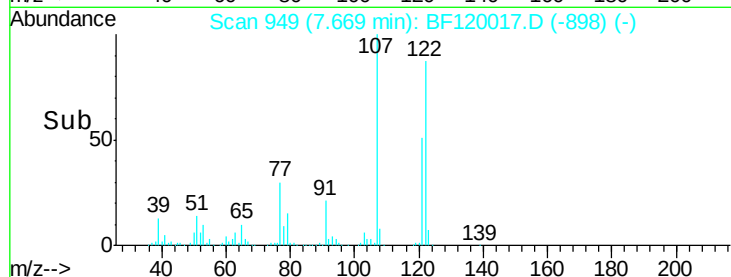
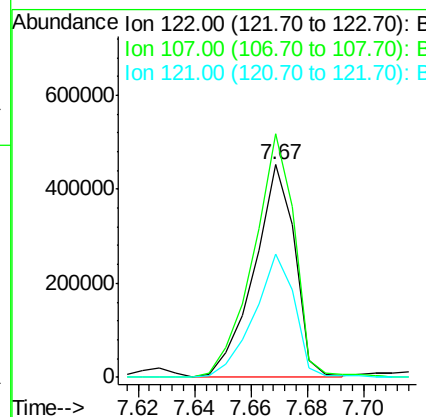
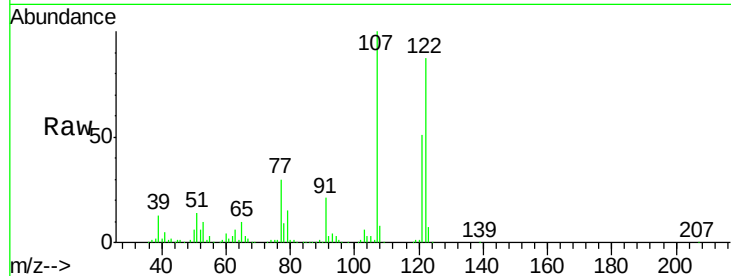
#27
 2,4-Dimethylphenol
 Concen: 48.703 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	452746		
107	114.5	92.3	138.5	
121	58.2	46.6	70.0	

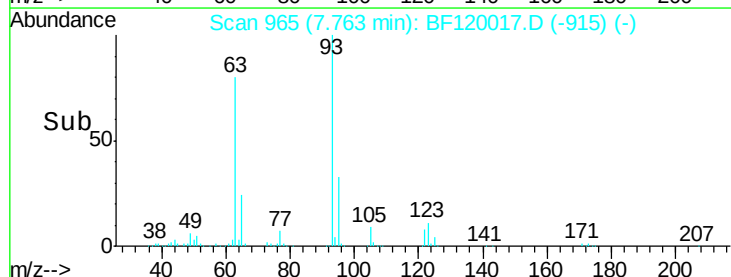
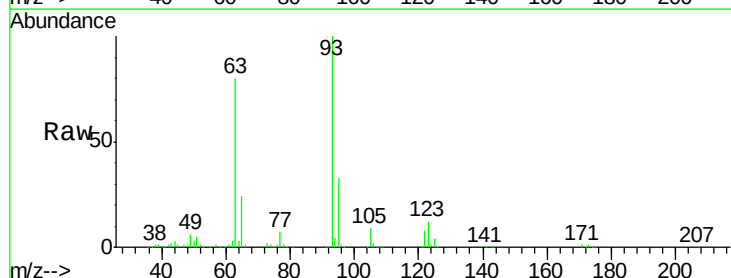
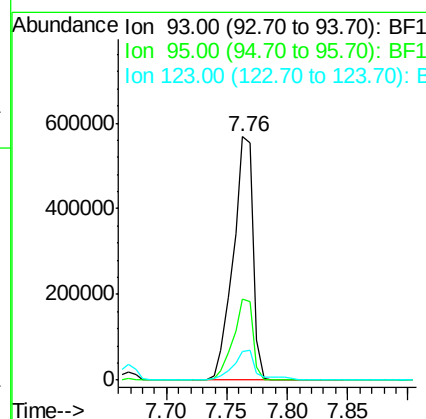
Manual Integrations
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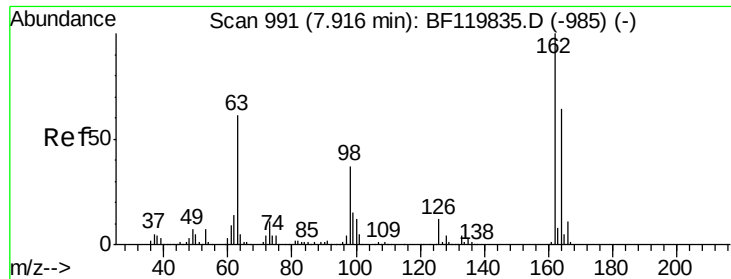
mohammad
 4/16/2020 12:53:07 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.670 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	649259		
95	33.4	26.4	39.6	
123	11.5	9.7	14.5	





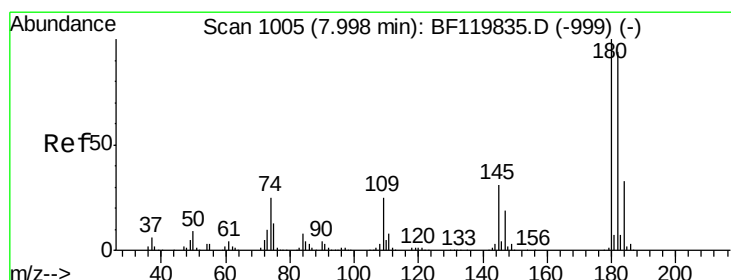
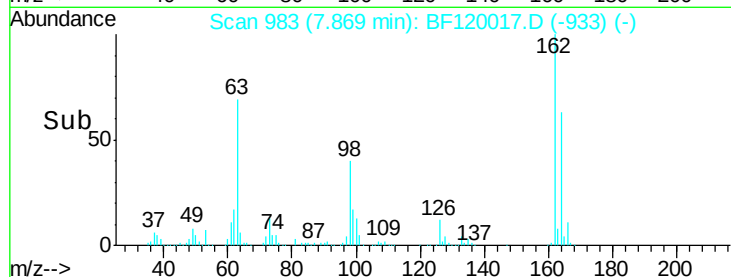
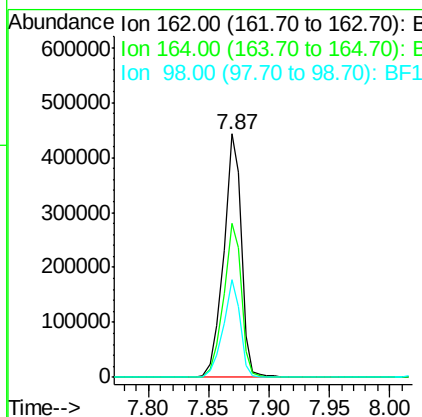
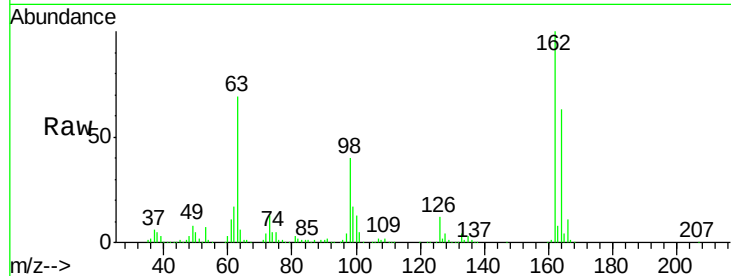
#29
2,4-Dichlorophenol
Concen: 47.059 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	448411		
164	63.3	44.4	84.4	
98	40.0	17.3	57.3	

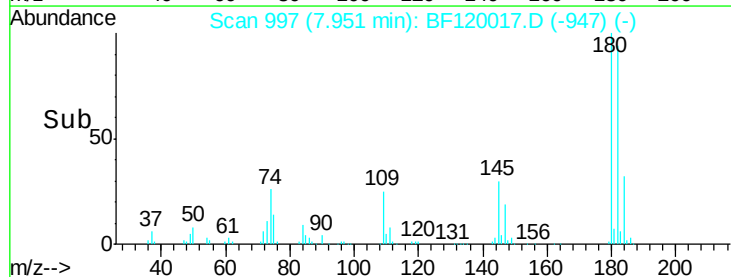
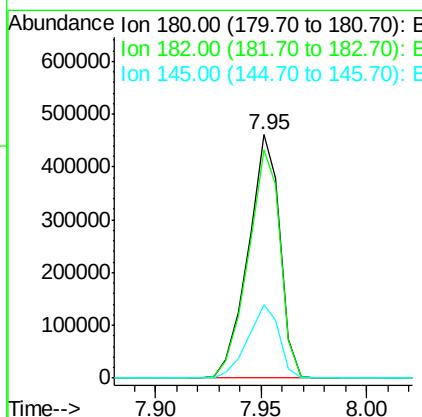
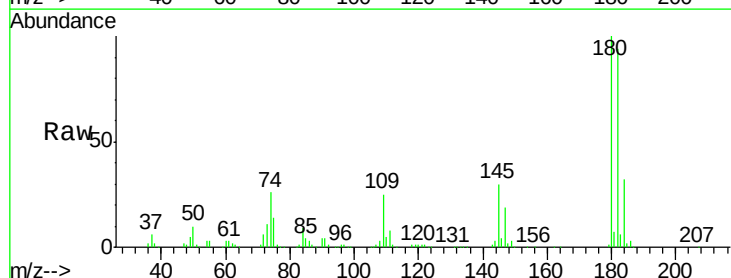
Manual Integrations
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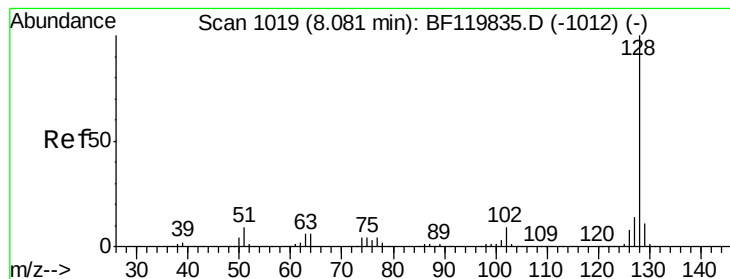
mohammad
4/16/2020 12:53:07 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.266 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	477931		
182	93.8	75.4	113.0	
145	30.2	24.6	37.0	





#31

Naphthalene

Concen: 45.646 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Instrument :

BNA_F

ClientSampleId :

PB128243BS

Tot Ion:128 Resp: 1523716

Ion Ratio Lower Upper

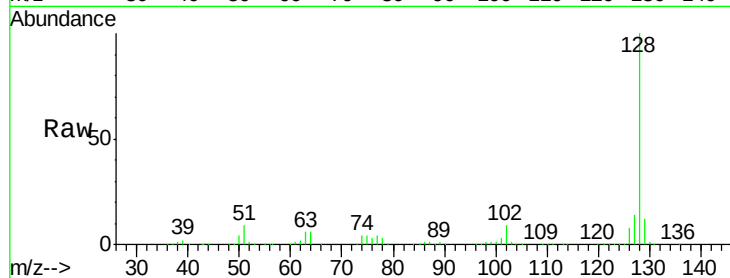
128 100

129 11.7 9.0 13.6

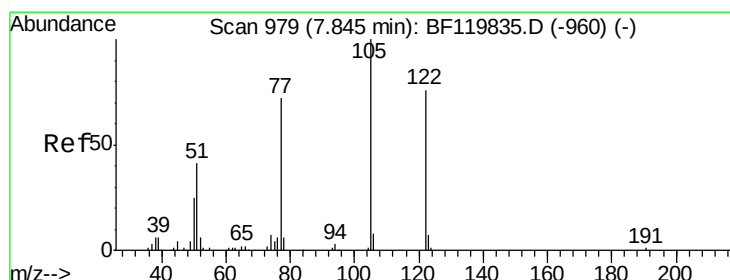
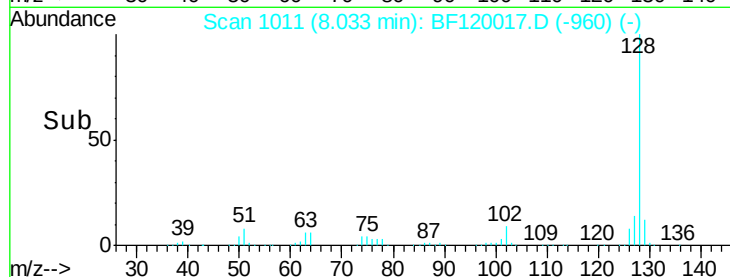
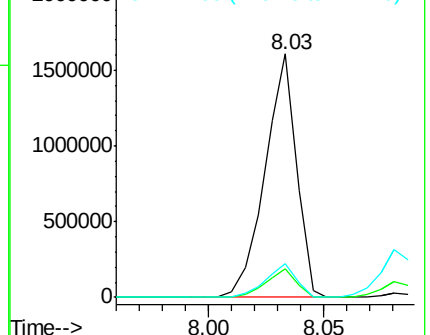
127 13.8 11.0 16.4

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



#32

Benzoic acid

Concen: 30.130 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

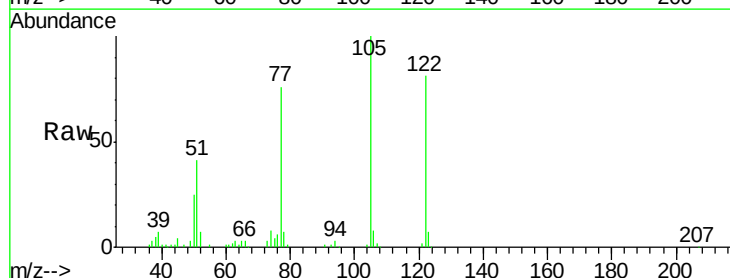
Tgt Ion:122 Resp: 245992

Ion Ratio Lower Upper

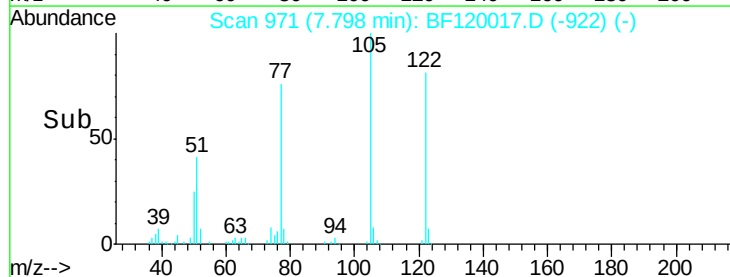
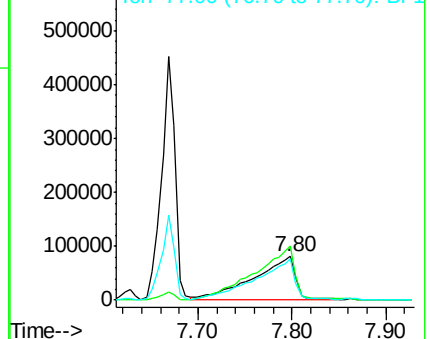
122 100

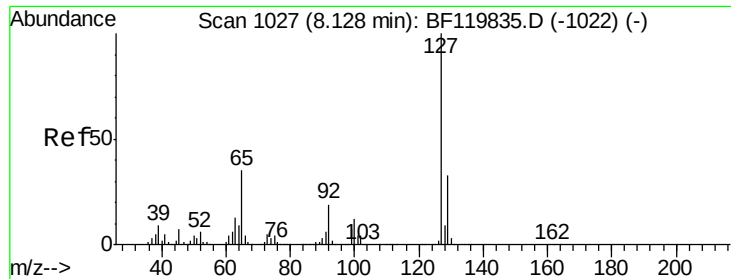
105 124.0 106.7 146.7

77 94.8 72.1 112.1



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





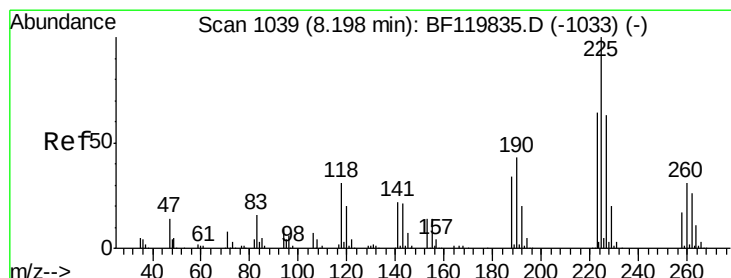
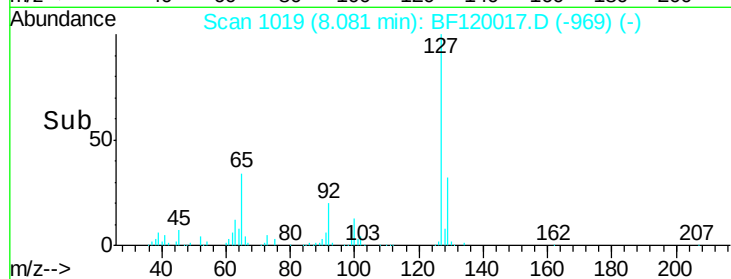
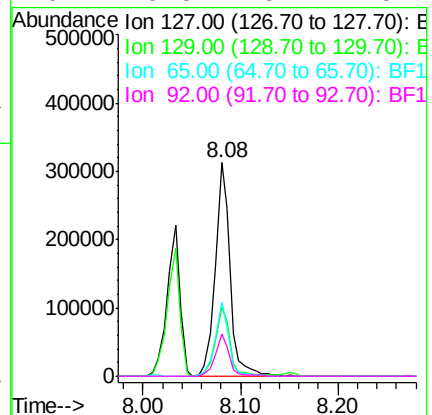
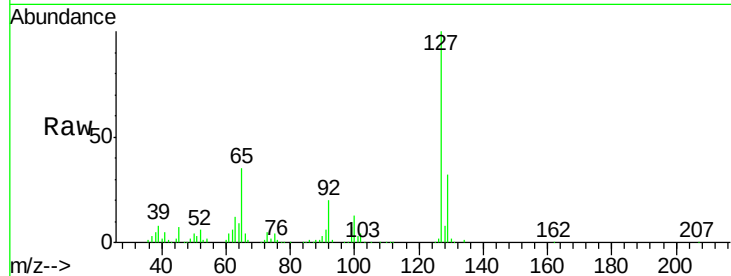
#33
4-Chloroaniline
Concen: 22.506 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.3	26.2	39.2
65	34.6	28.3	42.5
92	19.8	15.4	23.2

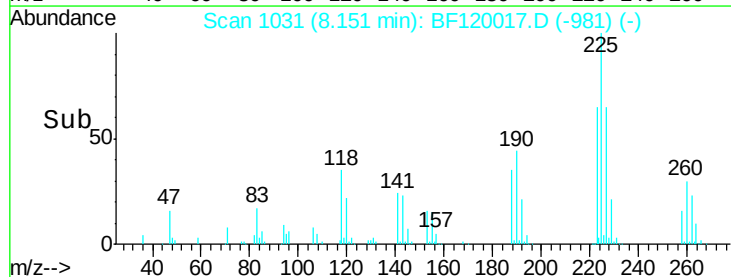
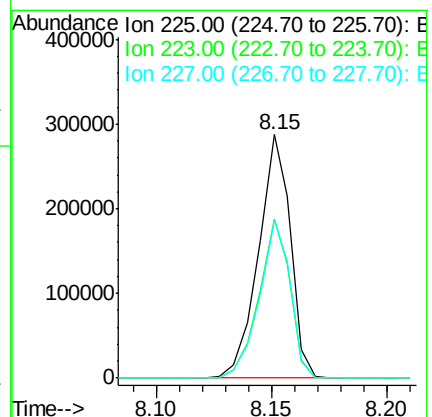
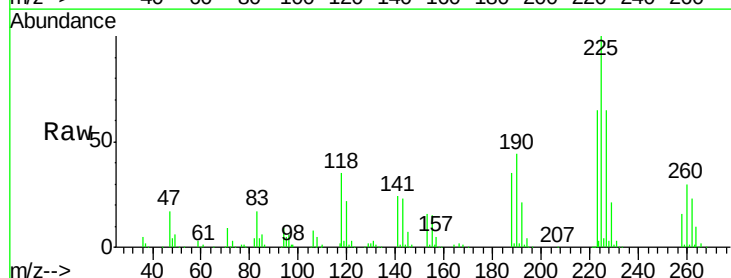
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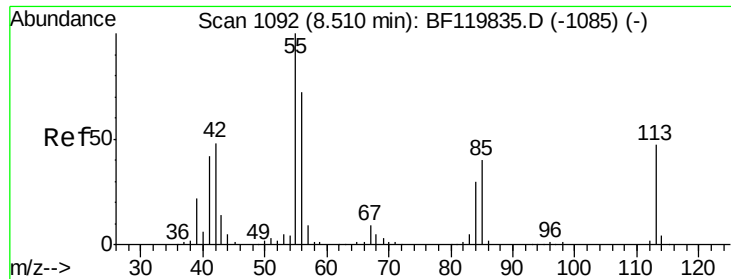
mohammad
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#34
Hexachlorobutadiene
Concen: 42.627 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	65.4	51.0	76.6
227	64.8	50.4	75.6





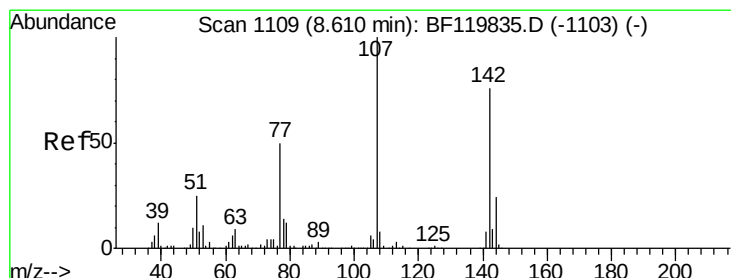
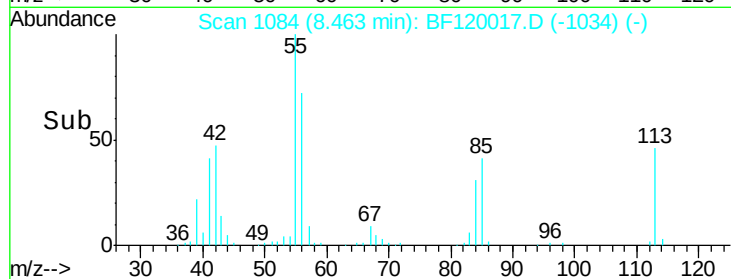
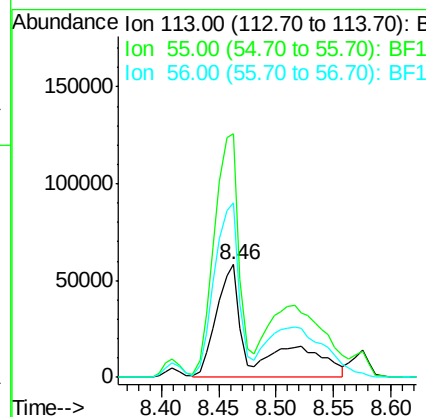
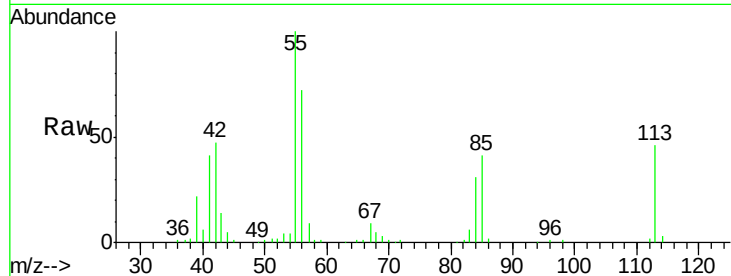
#35
 Caprolactam
 Concen: 46.242 ng/ml
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.3	192.7	232.7
56	155.4	133.3	173.3

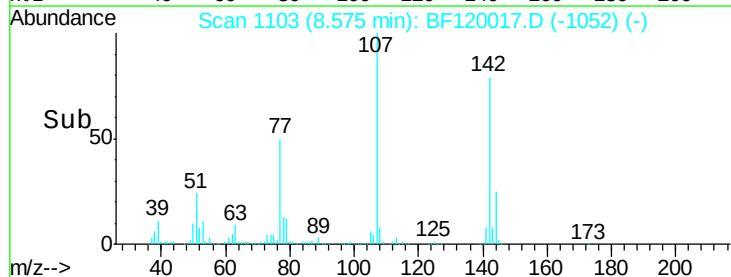
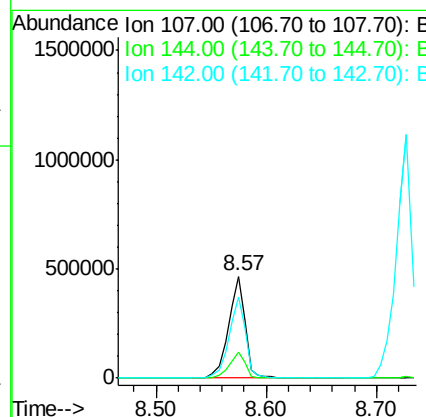
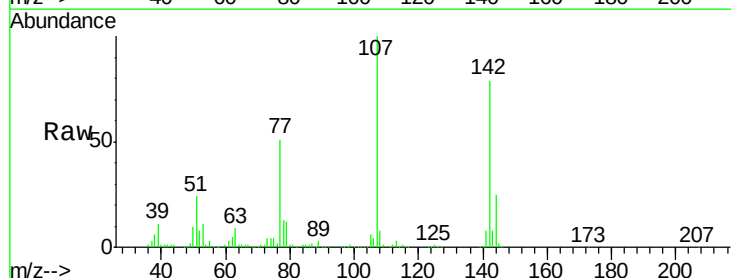
Manual Integrations
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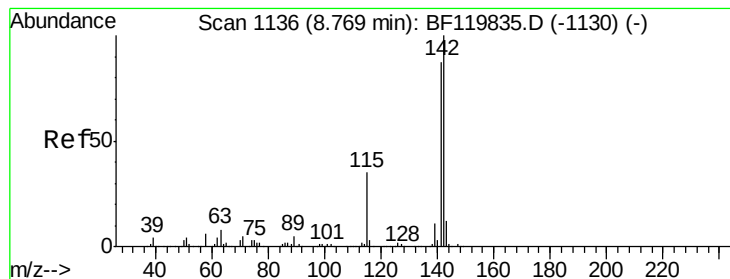
mohammad
 4/16/2020 12:53:07 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.309 ng/ml
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.5	29.3
142	79.5	60.5	90.7





#37

2-Methylnaphthalene

Concen: 46.420 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Instrument :

BNA_F

ClientSampleId :

PB128243BS

Tot Ion:142 Resp: 1050554

Ion Ratio Lower Upper

142 100

141 87.3 69.9 104.9

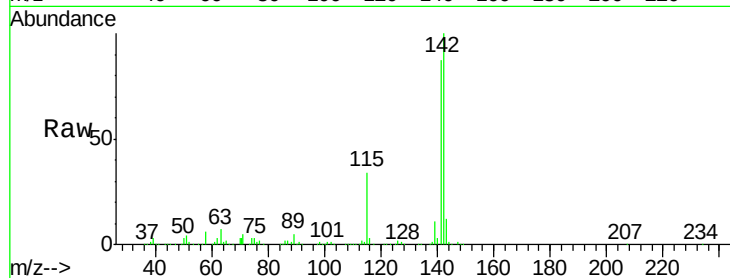
115 33.6 28.0 42.0

Manual Integrations

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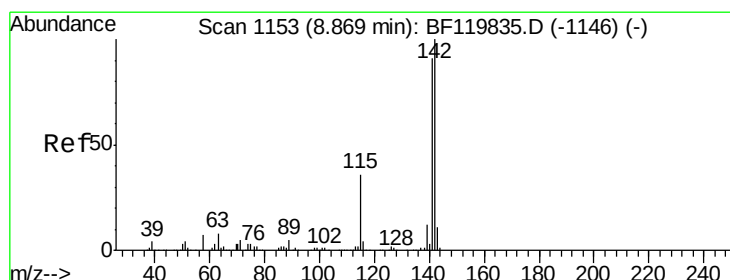
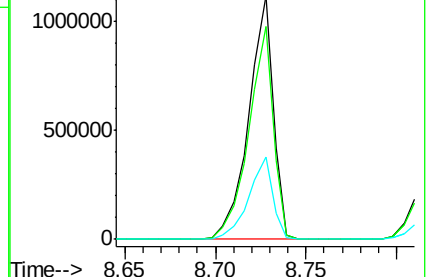
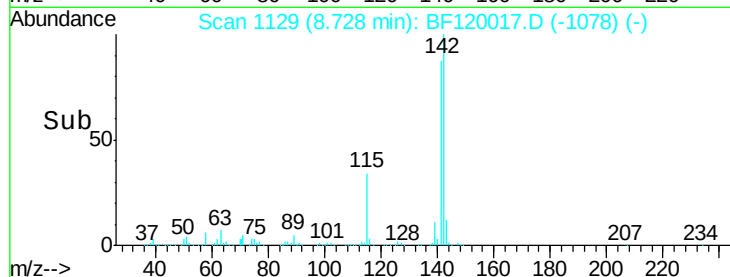
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.288 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

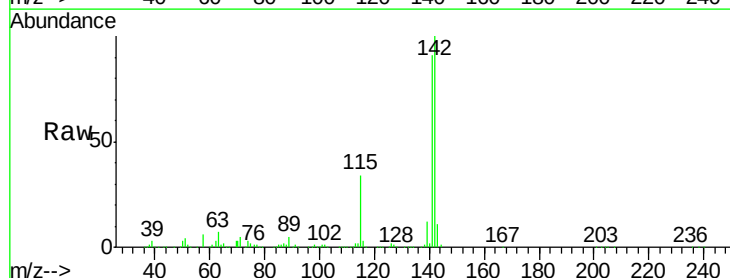
Tgt Ion:142 Resp: 987388

Ion Ratio Lower Upper

142 100

141 91.3 72.9 109.3

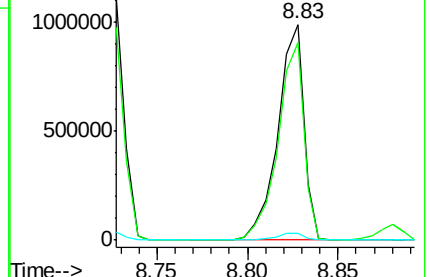
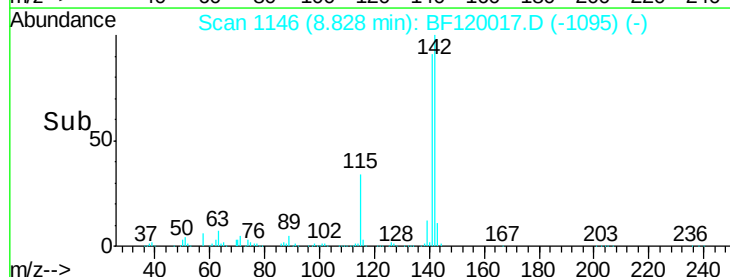
116 3.4 3.0 4.6

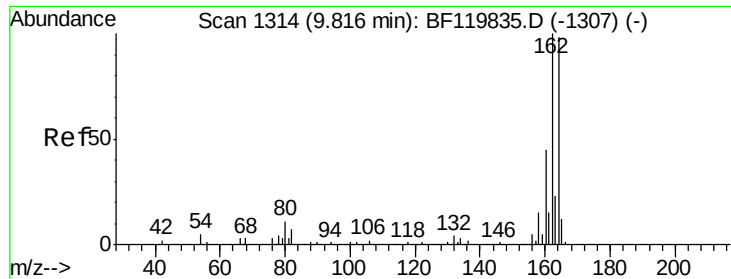


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





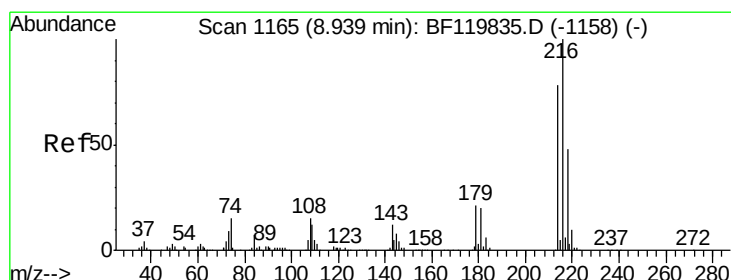
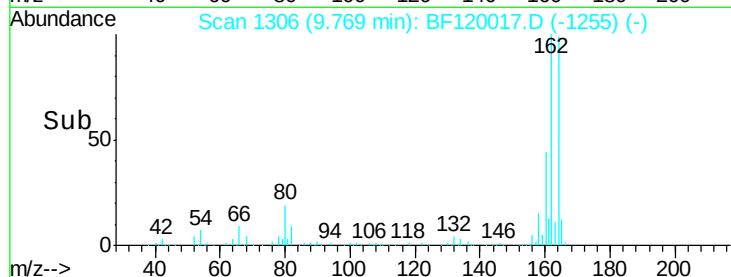
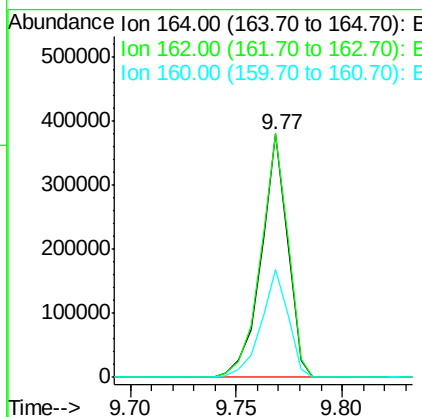
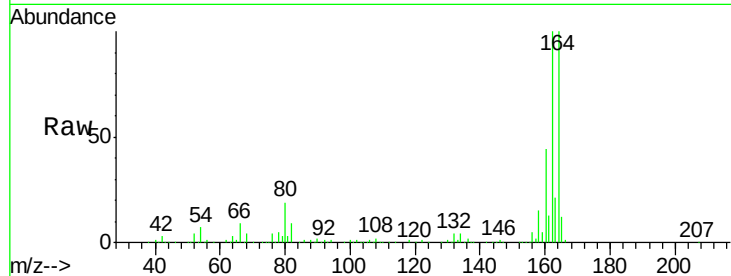
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.1	81.9	122.9	
160	44.1	36.6	54.8	

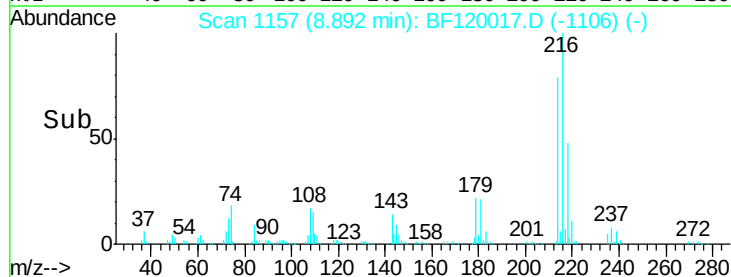
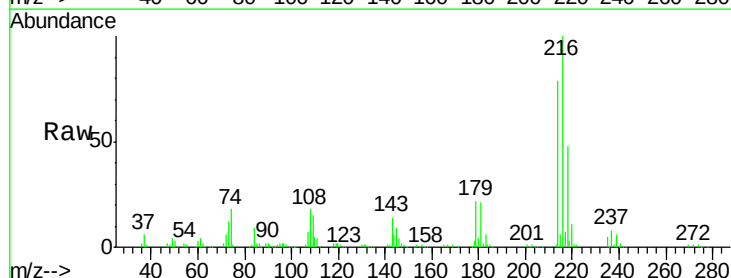
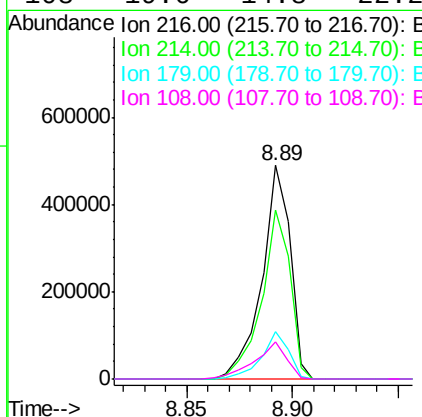
Manual Integrations
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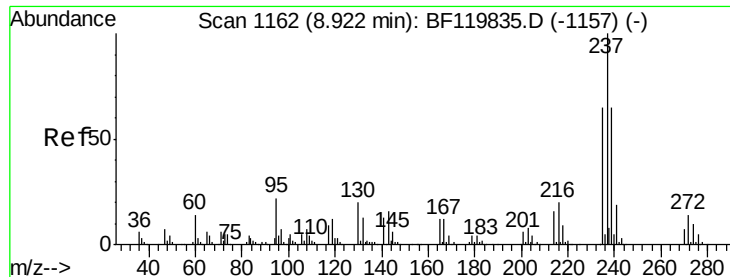
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.621 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.1	94.7	
179	21.3	17.0	25.4	
108	19.6	14.8	22.2	





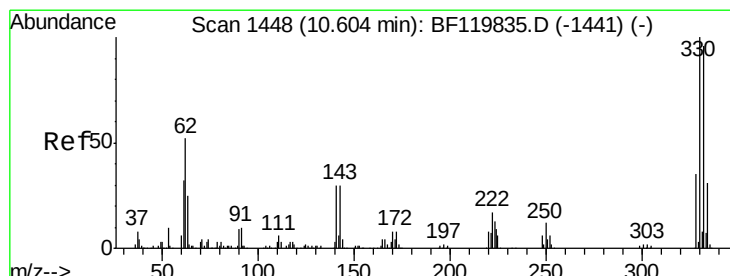
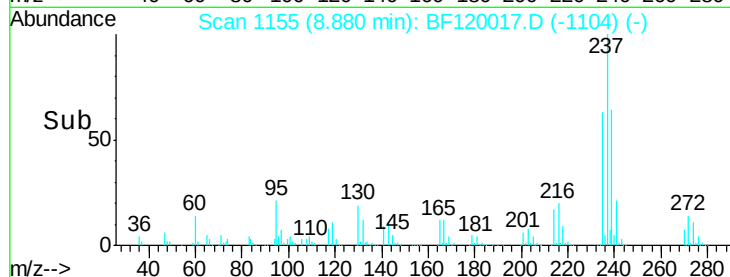
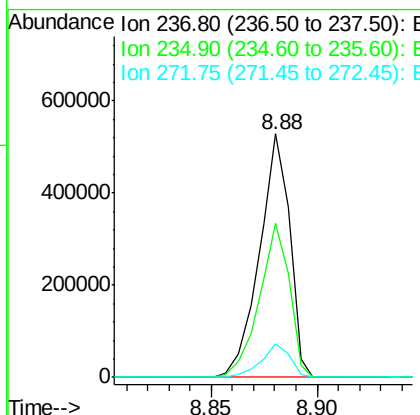
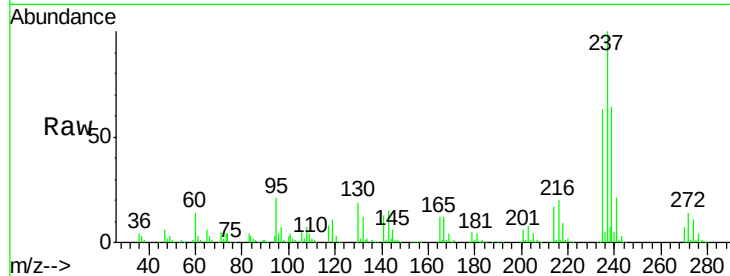
#41
Hexachlorocyclopentadiene
Concen: 88.175 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion:	237	Resp:	526389
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.9	84.9
272	13.8	0.0	33.6

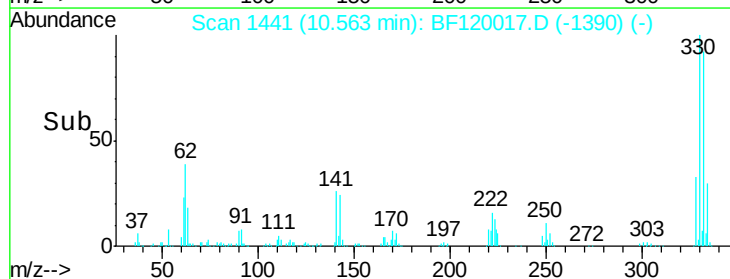
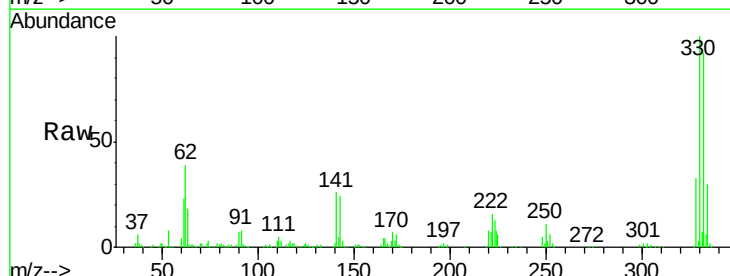
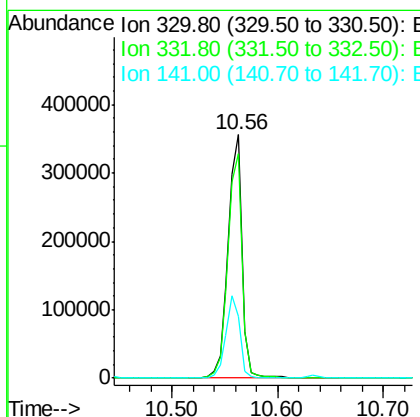
Manual Integrations
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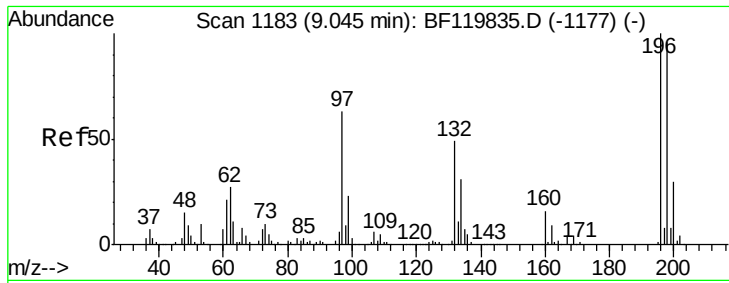
mohammad
4/16/2020 12:53:07 PM



#42
2,4,6-Tribromophenol
Concen: 80.397 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion:	330	Resp:	327189
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.8	115.2
141	34.2	25.1	37.7





#43

2,4,6-Trichlorophenol

Concen: 45.785 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Instrument :

BNA_F

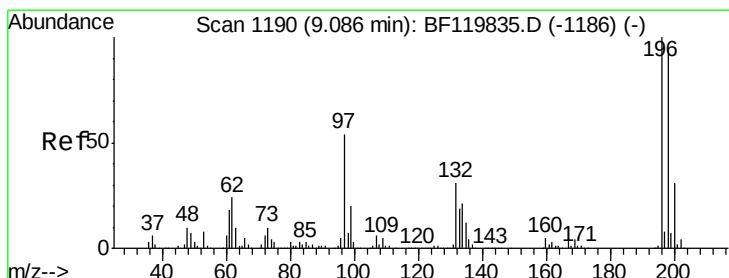
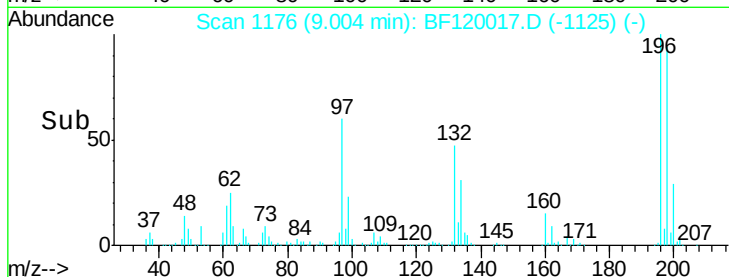
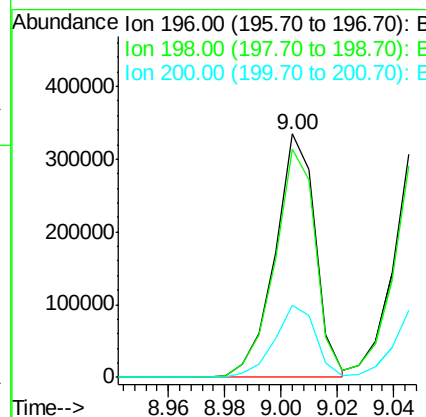
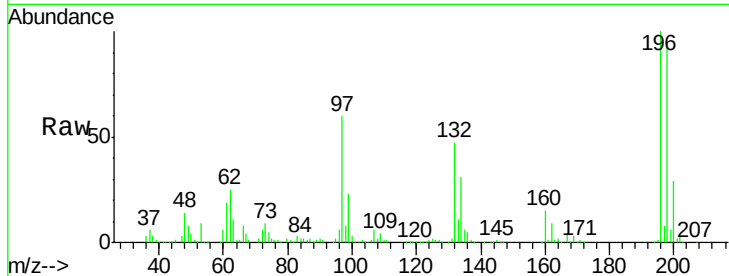
ClientSampleId :

PB128243BS

Tot Ion:	196	Resp:	331927
Ion Ratio	Lower	Upper	
196	100		
198	93.5	76.6	115.0
200	29.5	24.2	36.2

Manual Integrations
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#44

2,4,5-Trichlorophenol

Concen: 42.161 ng

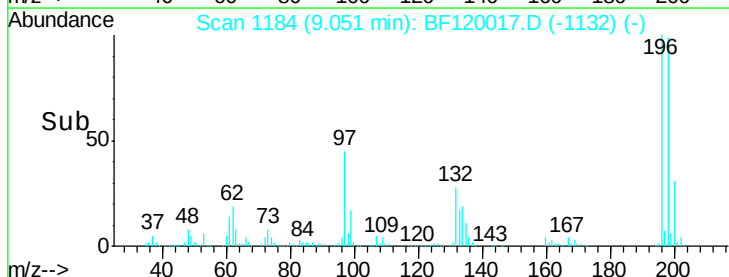
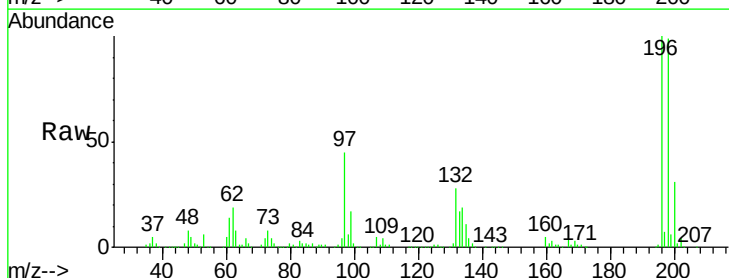
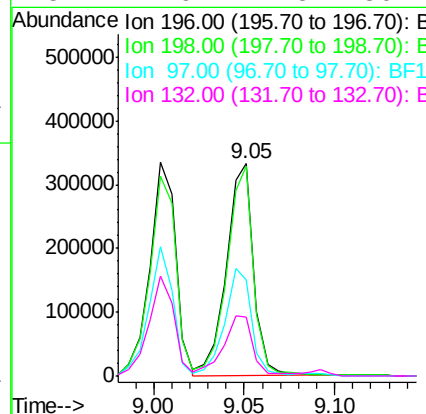
RT: 9.05 min Scan# 1184

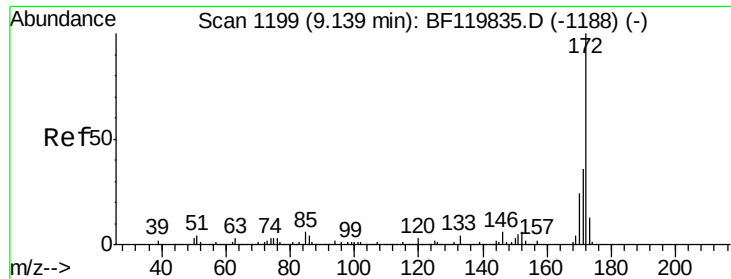
Delta R.T. 0.01 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Tgt Ion:	196	Resp:	344260
Ion Ratio	Lower	Upper	
196	100		
198	98.8	75.1	112.7
97	45.1	43.4	65.2
132	27.9	24.5	36.7





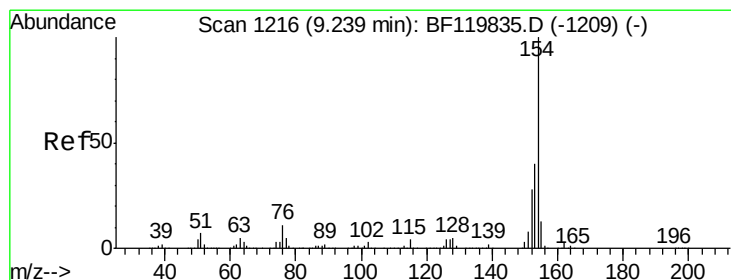
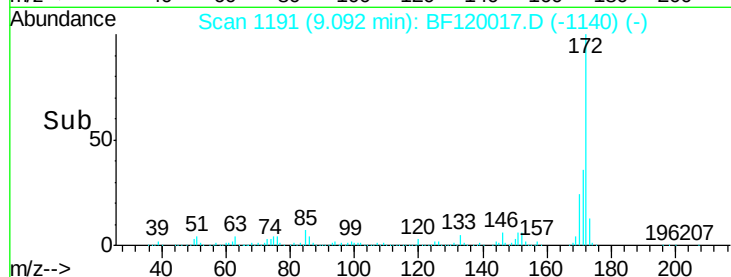
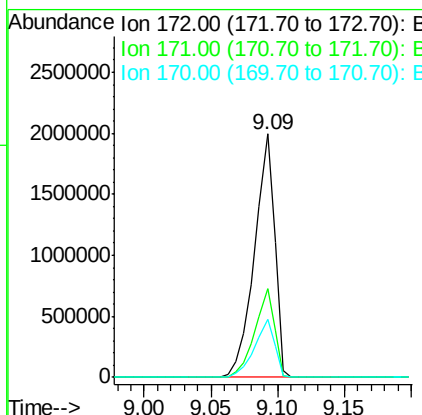
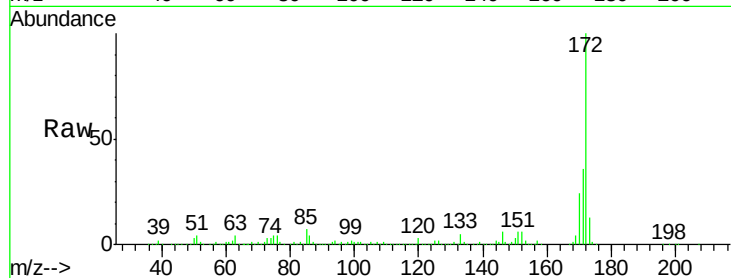
#45
 2-Fluorobiphenyl
 Concen: 87.681 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.8	19.4	29.2

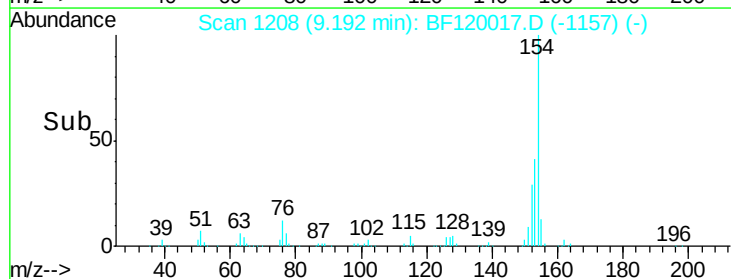
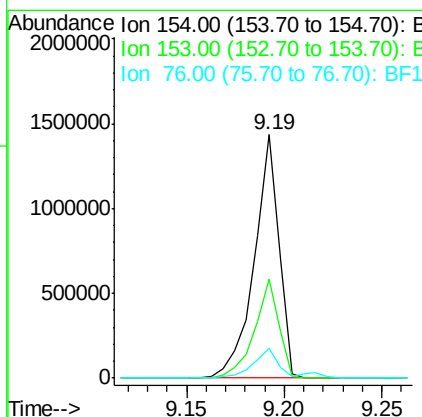
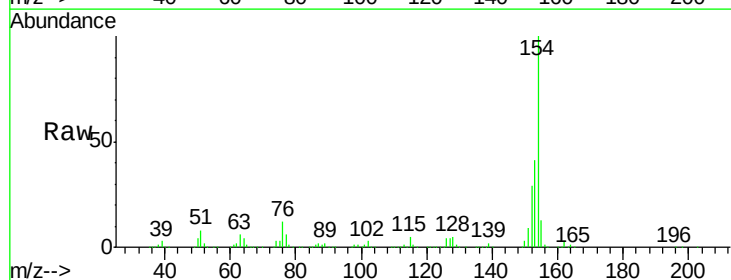
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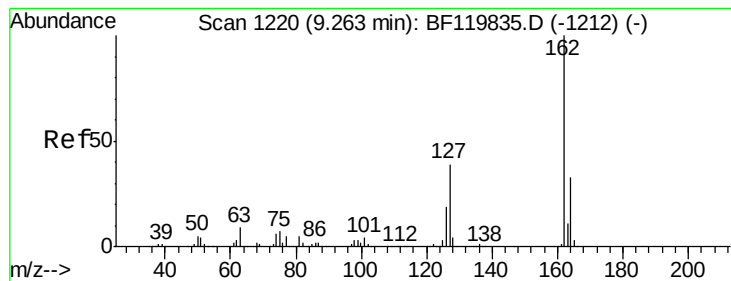
mohammad
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#46
 1,1'-Biphenyl
 Concen: 44.921 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.5	60.5
76	12.5	0.0	30.6





#47

2-Chloronaphthalene

Concen: 45.124 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Instrument :

BNA_F

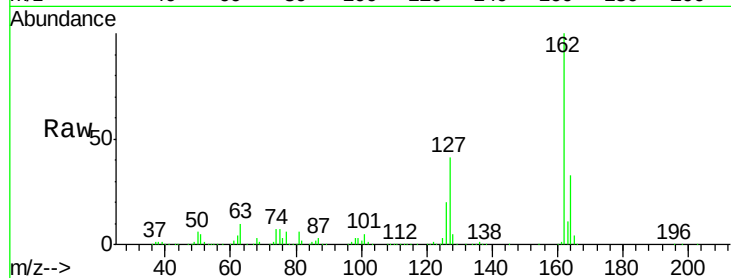
ClientSampleId :

PB128243BS

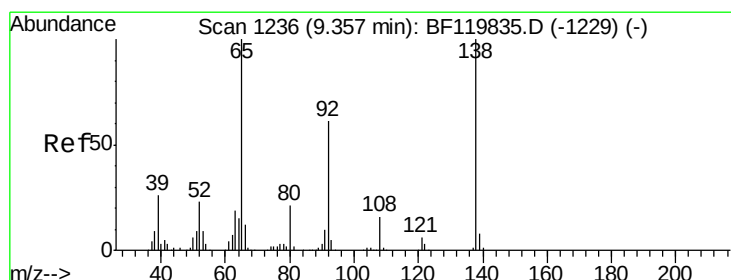
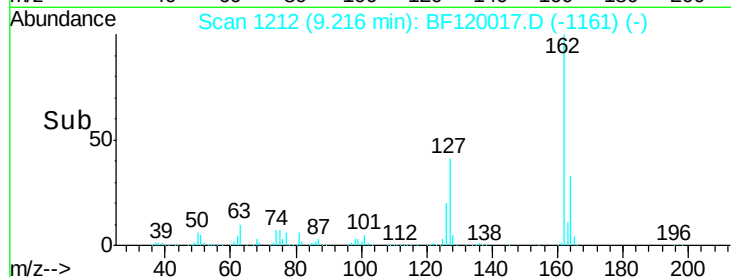
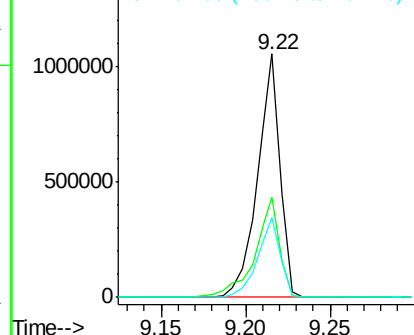
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.1	31.2	46.8		
164	32.6	26.3	39.5		

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.219 ng

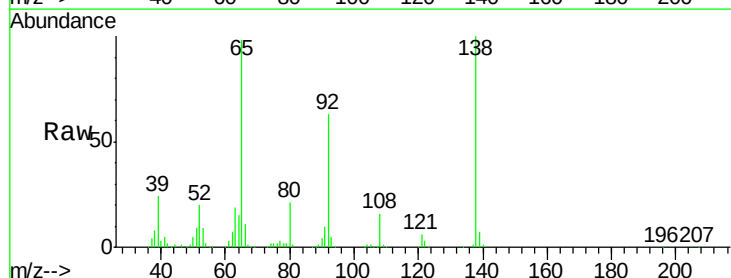
RT: 9.32 min Scan# 1229

Delta R.T. -0.00 min

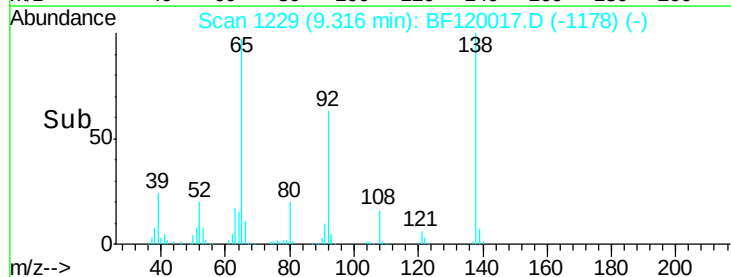
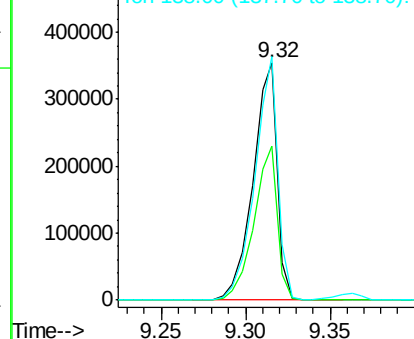
Lab File: BF120017.D

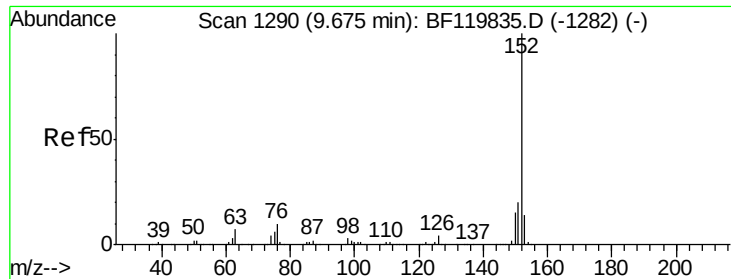
Acq: 16 Apr 2020 2:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	64.8	49.0	73.6		
138	102.4	79.7	119.5		



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.890 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Instrument :

BNA_F

ClientSampleId :

PB128243BS

Tot Ion:152 Resp: 1541248

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

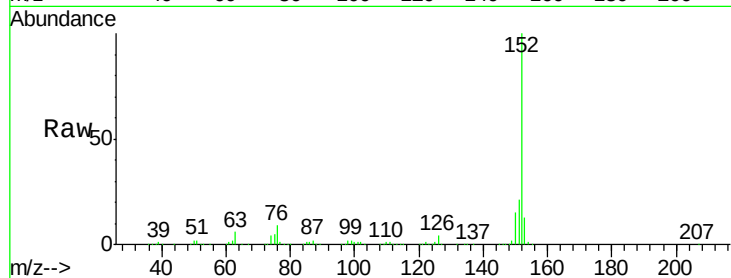
153 13.4 10.9 16.3

Manual Integrations

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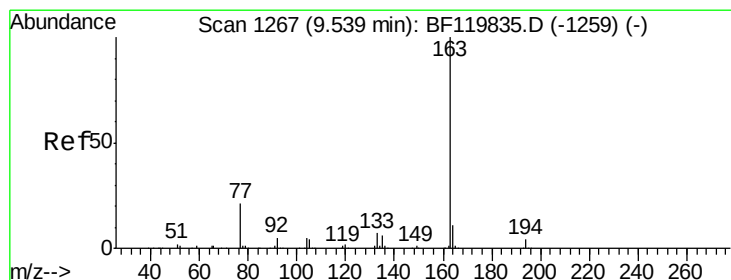
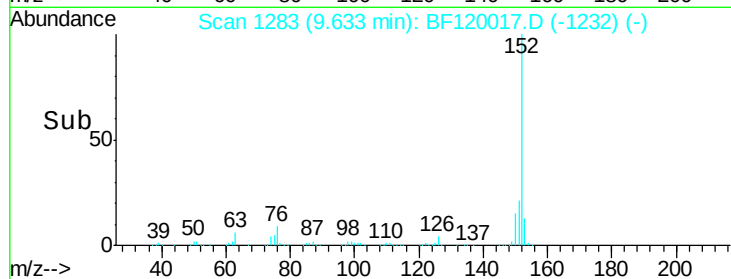
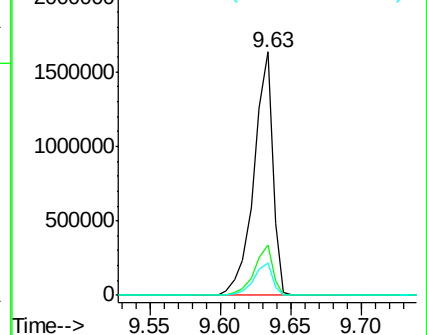
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.032 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

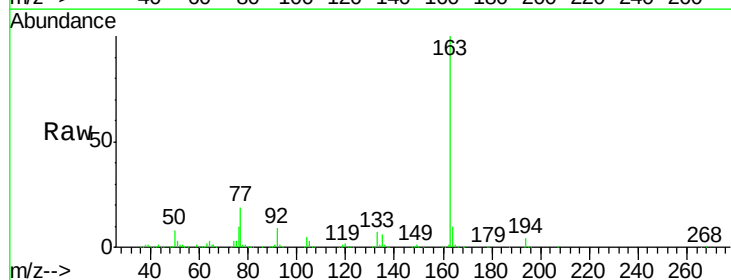
Tgt Ion:163 Resp: 1157795

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

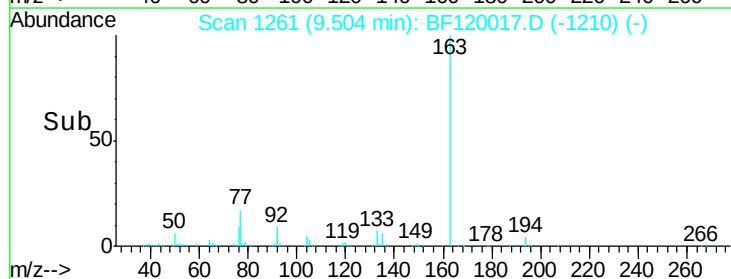
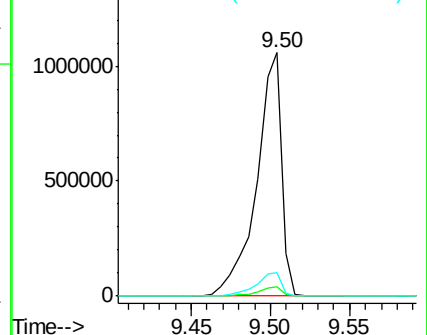
164 9.8 8.4 12.6

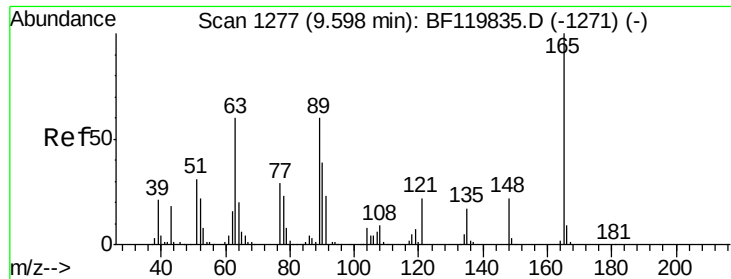


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





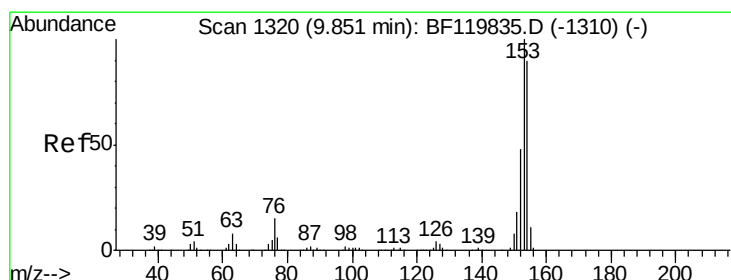
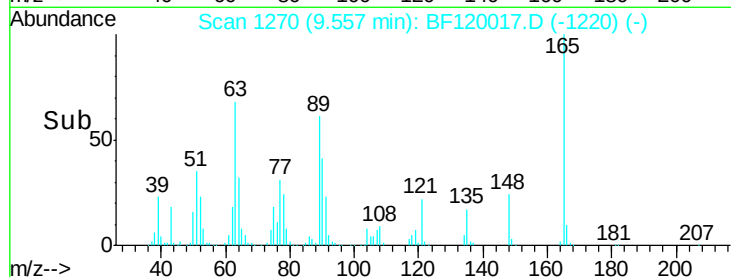
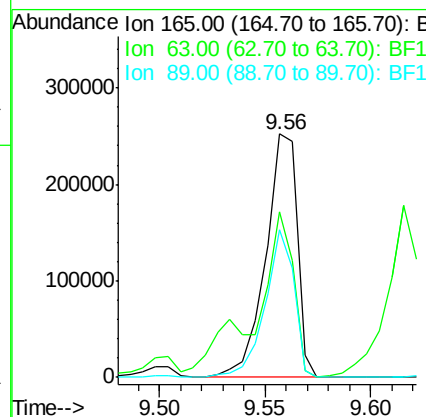
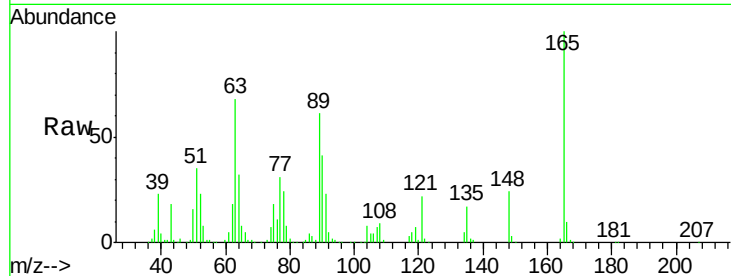
#51
2,6-Dinitrotoluene
Concen: 46.669 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	68.1	55.6	83.4
89	60.5	47.9	71.9

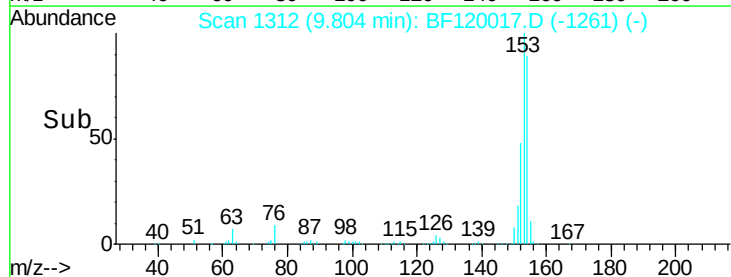
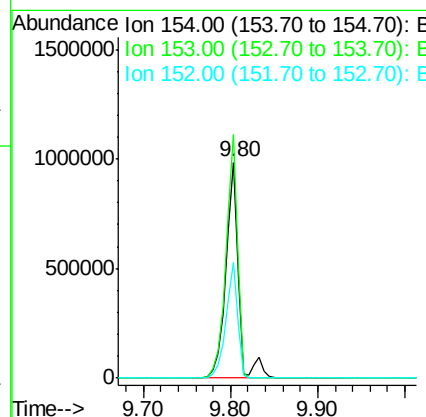
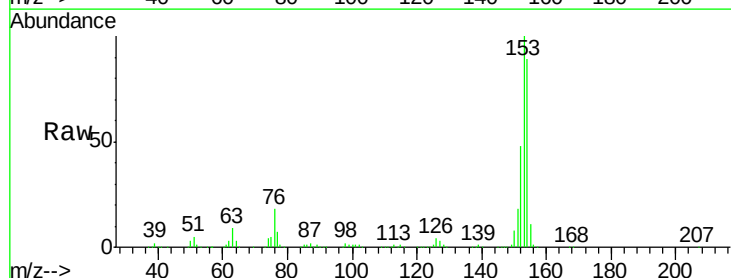
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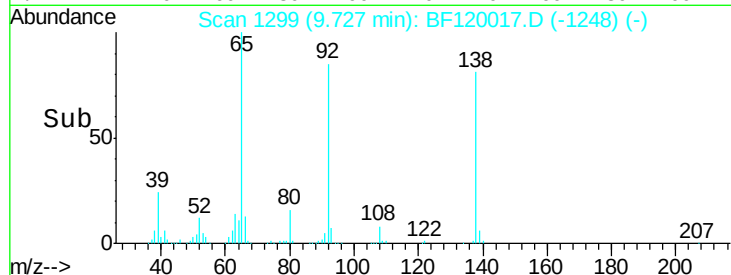
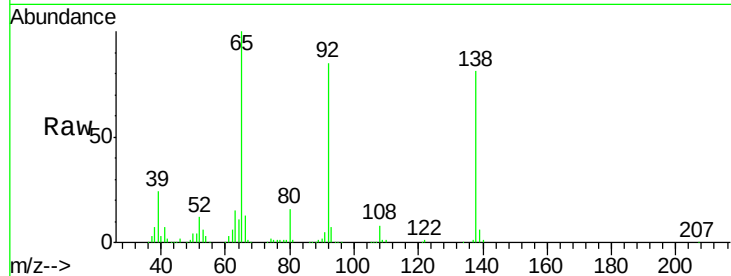
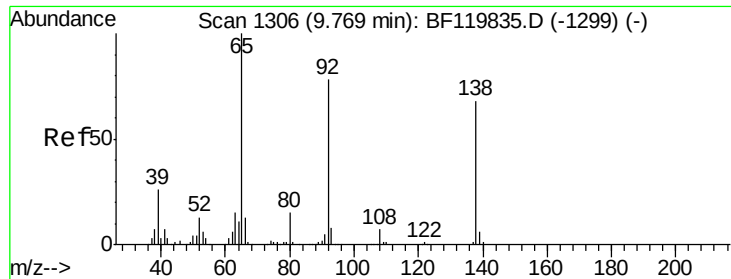
mohammad
4/16/2020 12:53:07 PM



#52
Acenaphthene
Concen: 45.317 ng m
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.9	88.8	133.2
152	53.9	42.4	63.6





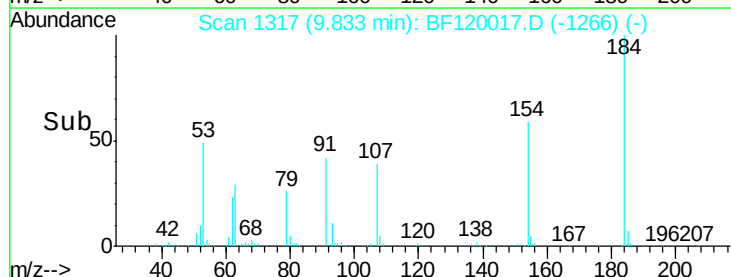
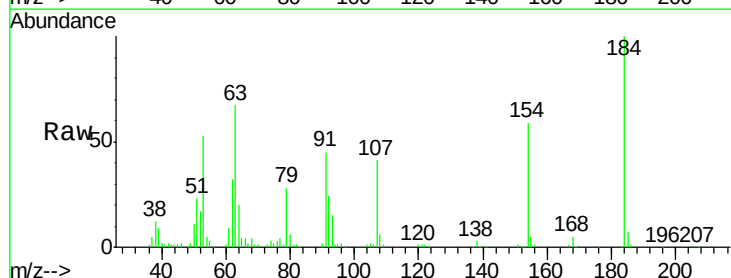
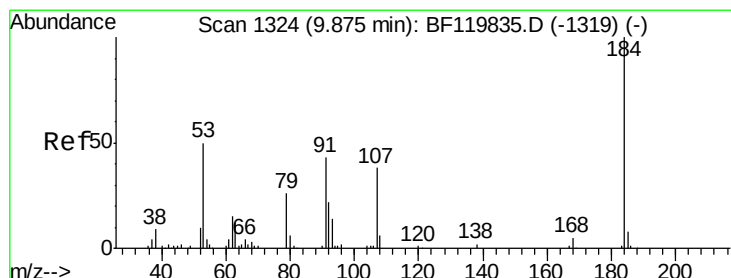
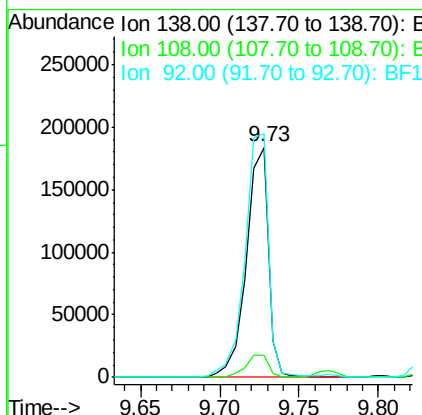
#53
3-Nitroaniline
Concen: 27.575 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tot Ion	Ratio	Resp	Lower	Upper
138	100	177311		
108	9.7	8.0	12.0	
92	105.8	92.1	138.1	

Instrument :
BNA_F
ClientSampleId :
PB128243BS

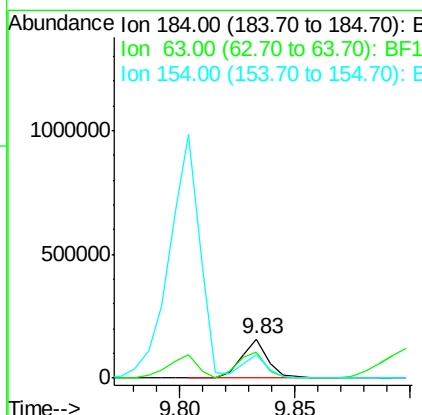
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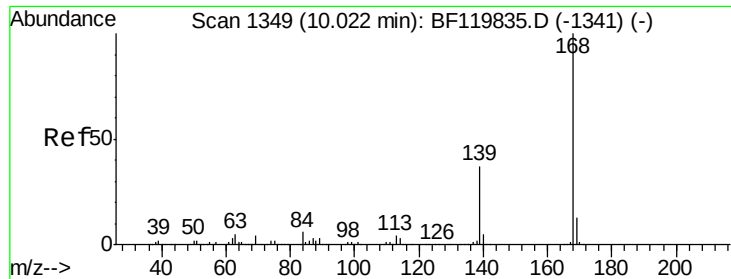
mohammad
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#54
2,4-Dinitrophenol
Concen: 38.151 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	128599		
63	67.2	49.8	74.6	
154	58.8	46.5	69.7	





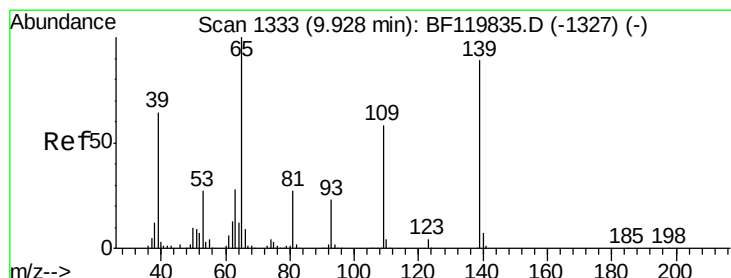
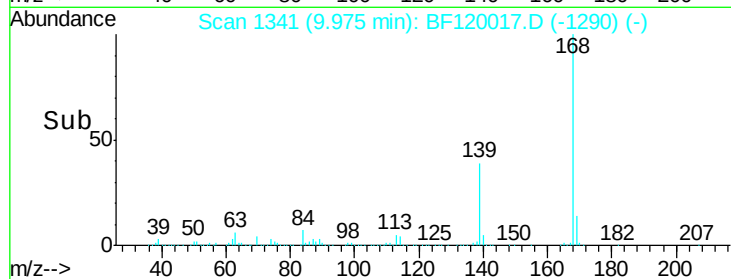
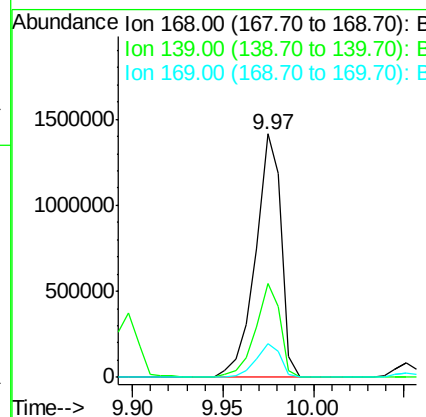
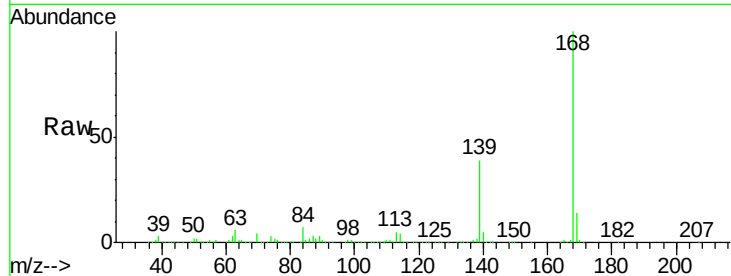
#55
Dibenzofuran
Concen: 46.104 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	29.8	44.6
169	14.0	10.6	15.8

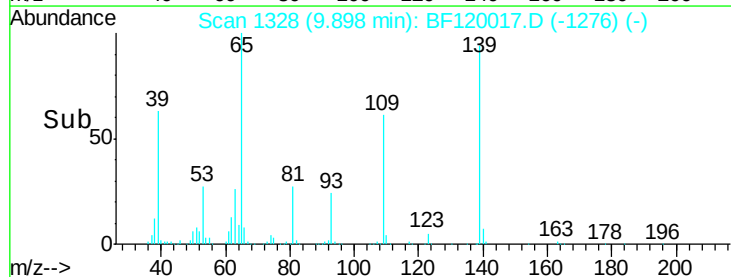
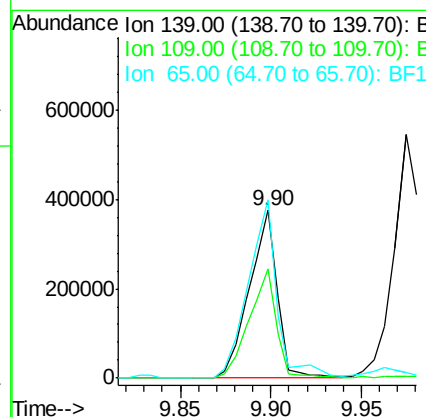
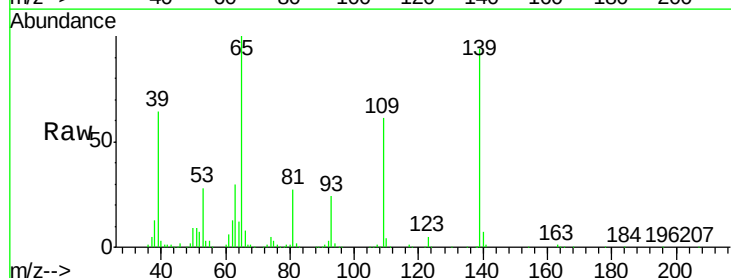
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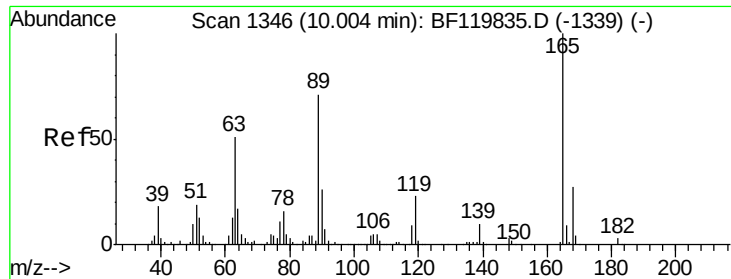
mohammad
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#56
4-Nitrophenol
Concen: 84.073 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.1	45.5	85.5
65	106.6	92.3	132.3





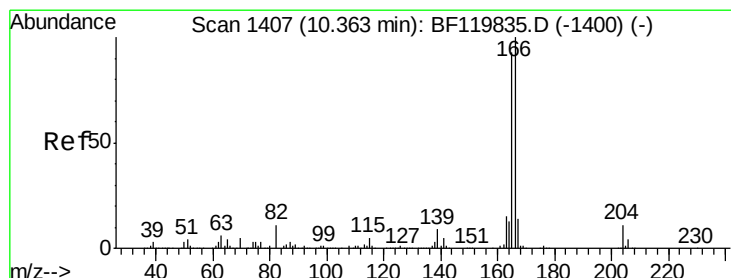
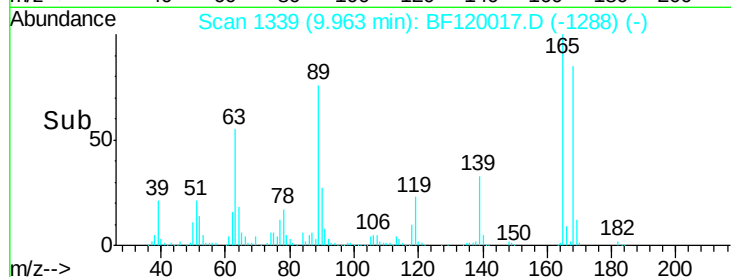
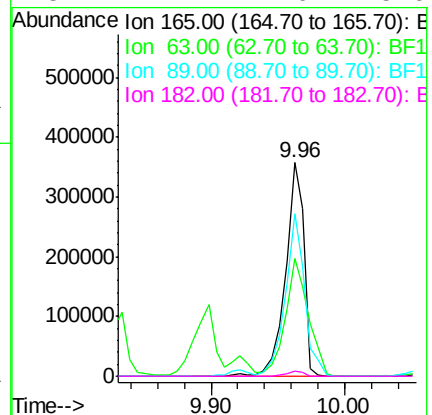
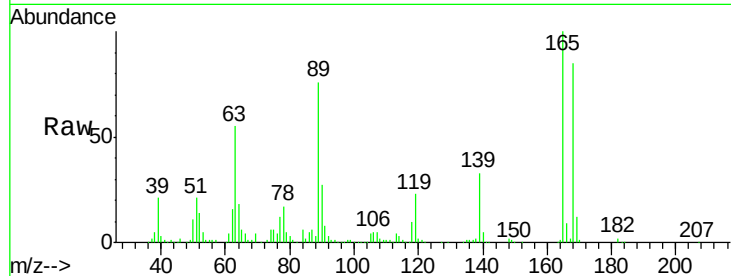
#57
2,4-Dinitrotoluene
Concen: 46.643 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	55.4	40.8	61.2
89	76.1	56.9	85.3
182	2.4	2.0	3.0

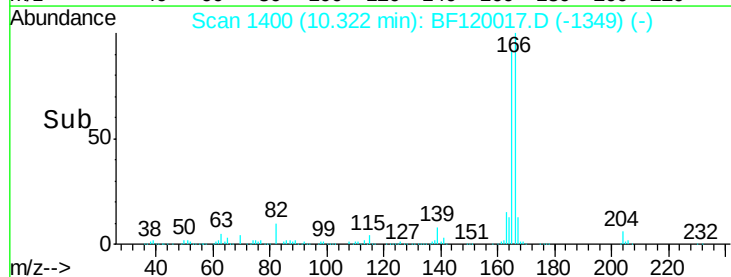
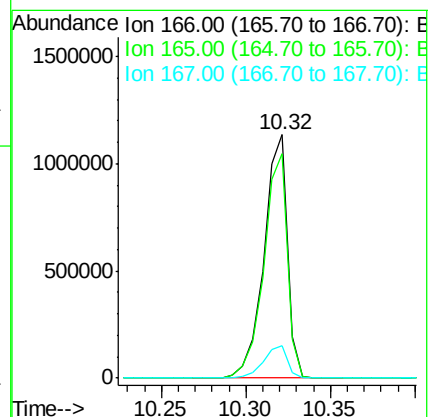
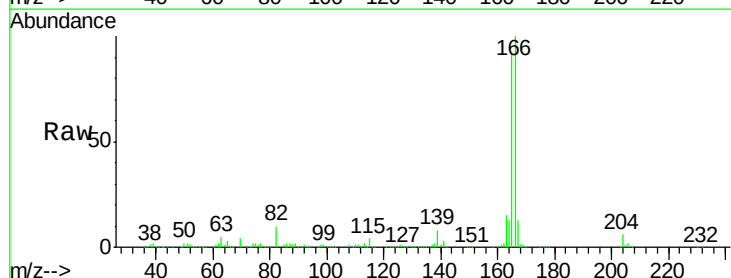
Manual Integrations
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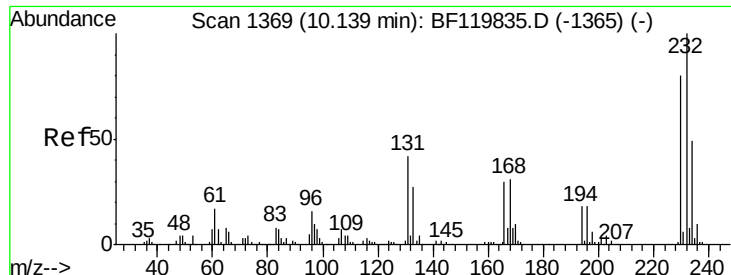
mohammad
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#58
Fluorene
Concen: 45.350 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	91.9	74.2	111.2
167	13.1	10.8	16.2





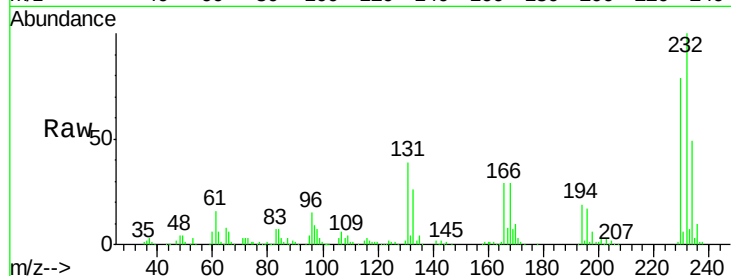
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.190 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

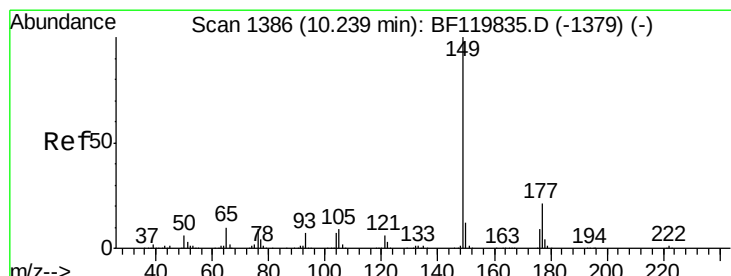
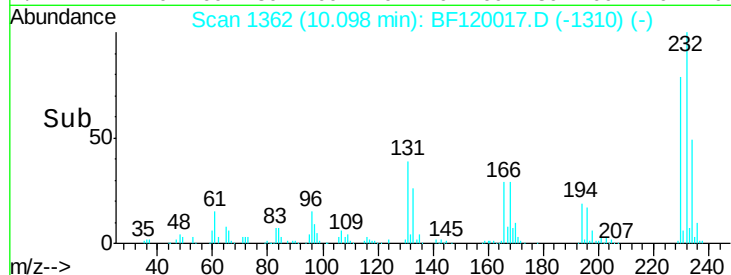
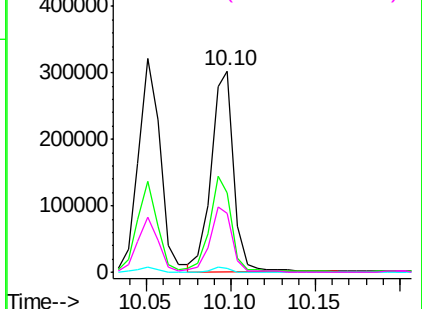
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.9	56.9
130	2.2	1.8	2.6
166	32.4	25.4	38.0

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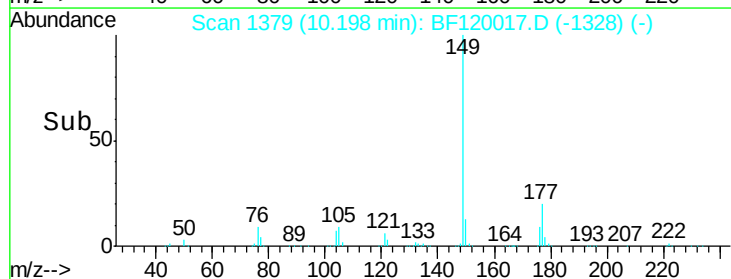
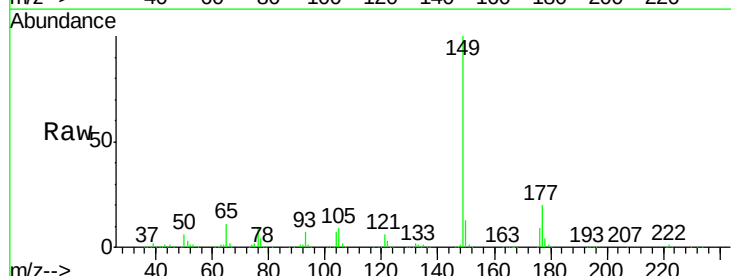
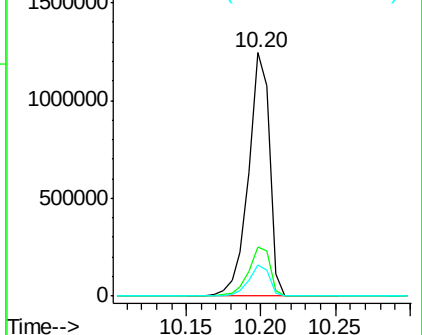
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

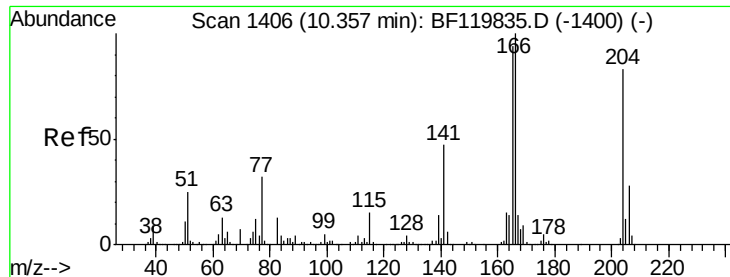


#60
Diethylphthalate
Concen: 45.212 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.8	25.2
150	12.7	9.8	14.6

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





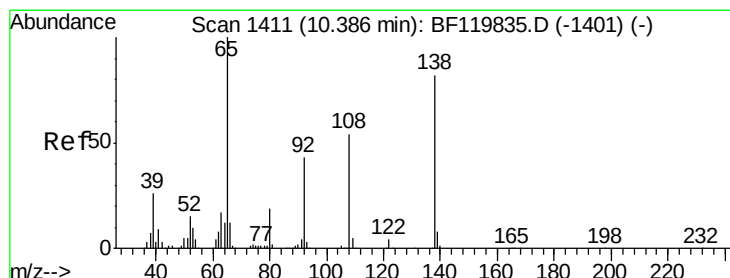
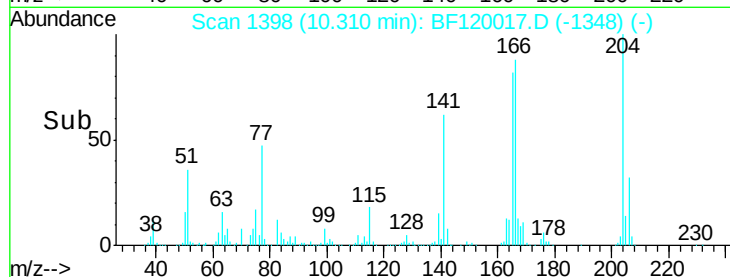
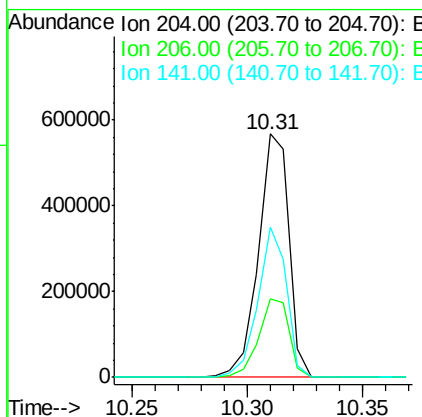
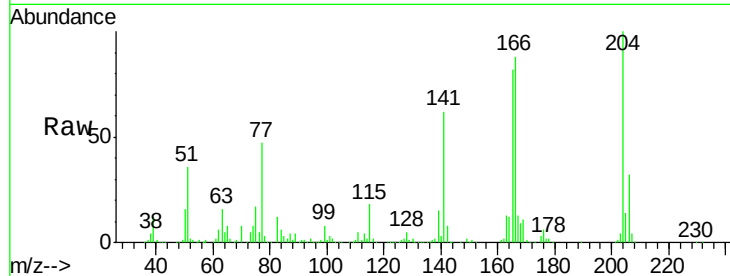
#61
 4-Chlorophenyl-phenylether
 Concen: 42.562 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BS

Tot Ion:	204	Resp:	524920
Ion Ratio		Lower	Upper
204	100		
206	32.1	26.7	40.1
141	61.8	45.8	68.8

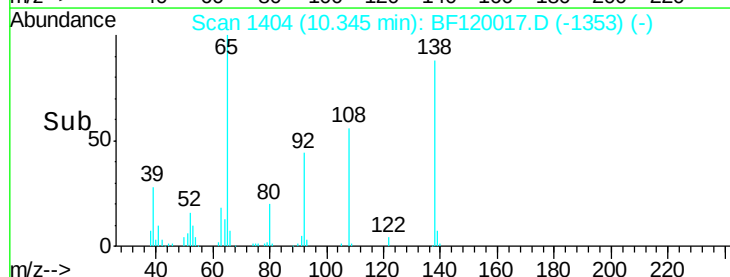
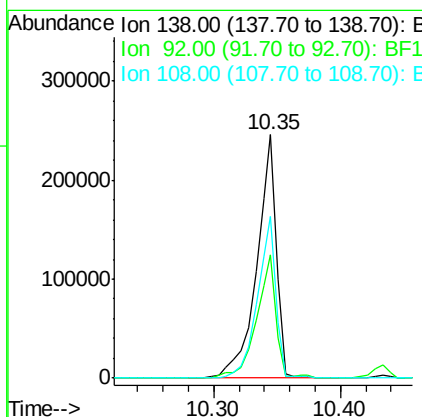
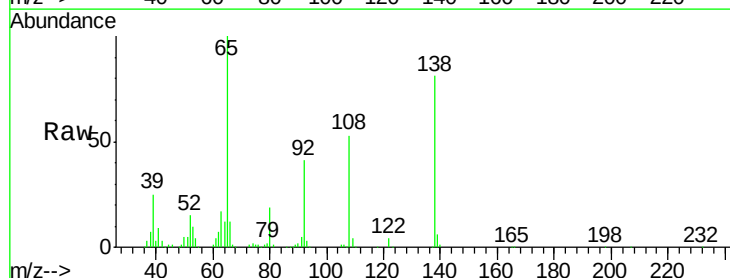
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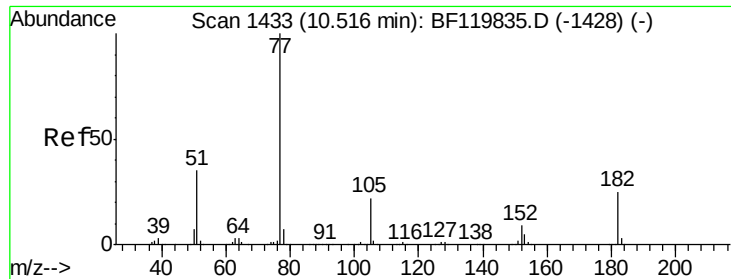
mohammad
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#62
 4-Nitroaniline
 Concen: 43.625 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Tgt Ion:	138	Resp:	267336
Ion Ratio		Lower	Upper
138	100		
92	50.6	31.6	71.6
108	66.2	45.2	85.2





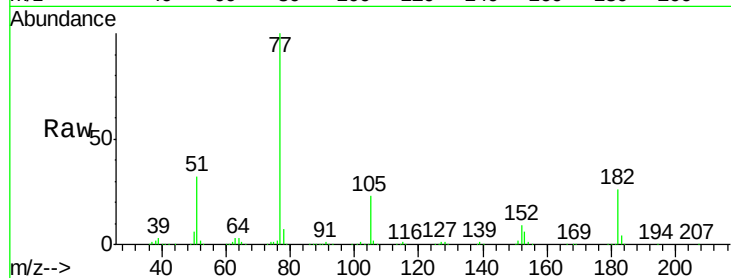
#63
Azobenzene
Concen: 47.225 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	4.5	44.5
105	23.0	2.2	42.2
51	32.5	15.1	55.1

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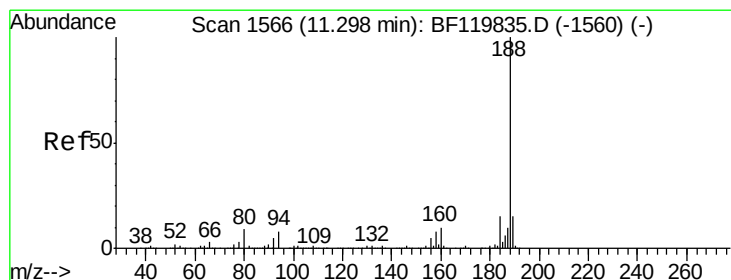
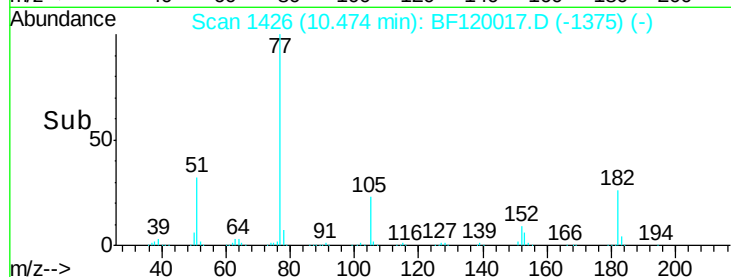
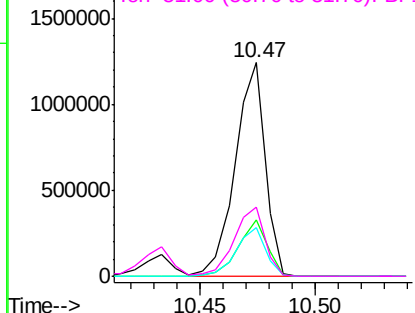


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



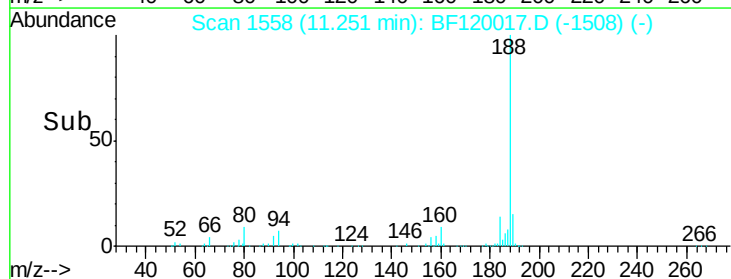
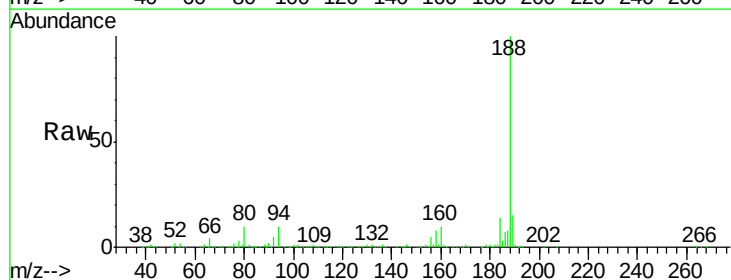
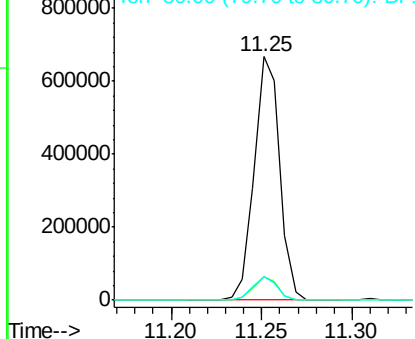
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

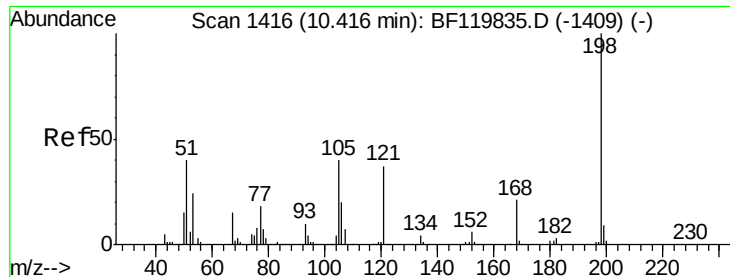
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.7	10.1
80	9.6	7.4	11.2

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





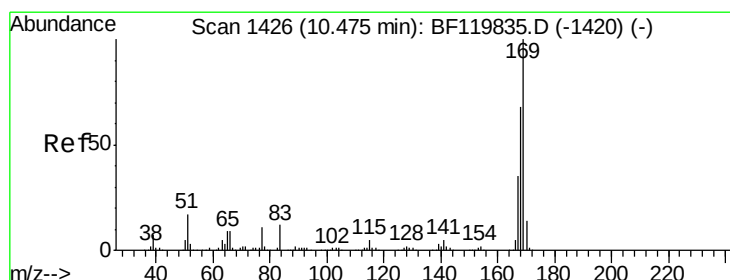
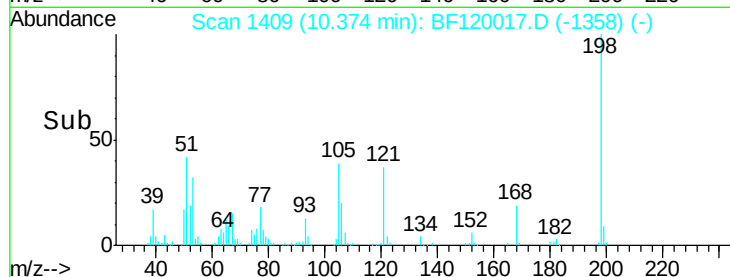
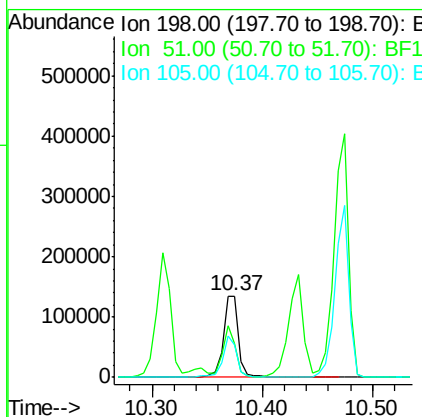
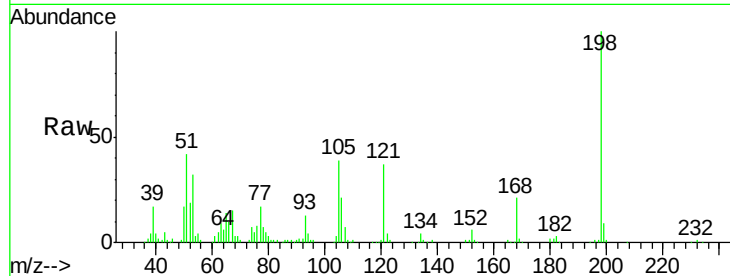
#65
4,6-Dinitro-2-methylphenol
Concen: 29.777 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	127630		
51	42.0	25.2	65.2	
105	39.2	20.8	60.8	

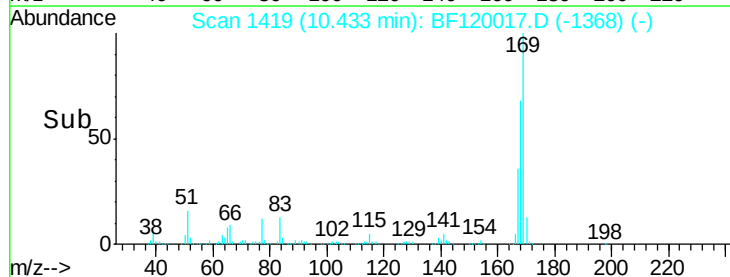
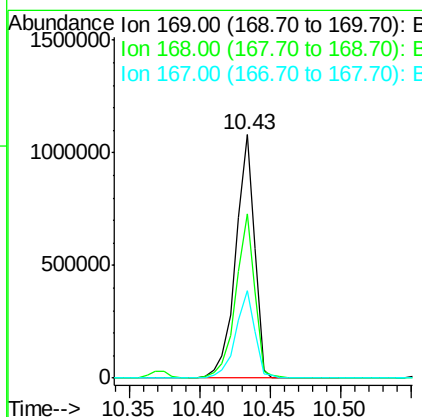
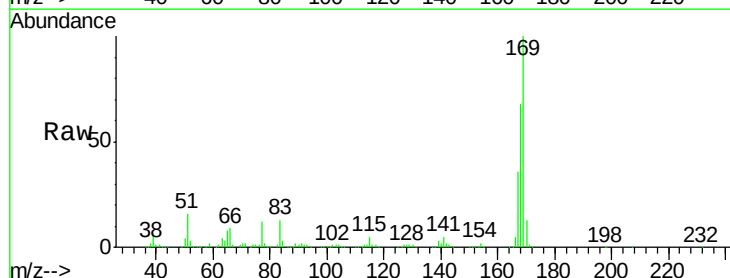
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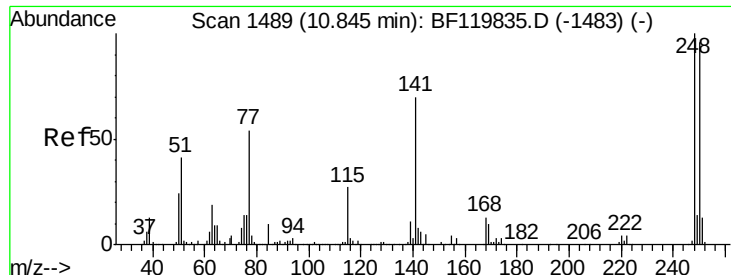
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#66
n-Nitrosodiphenylamine
Concen: 46.257 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1000878		
168	67.6	54.2	81.4	
167	36.0	28.3	42.5	





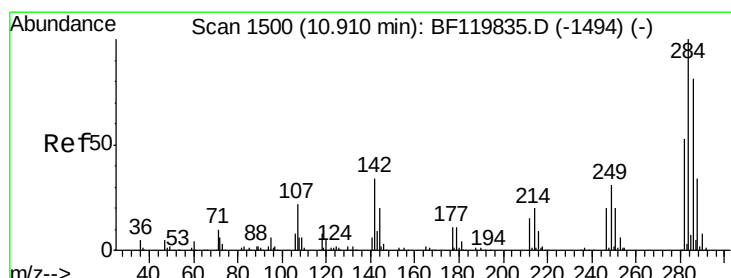
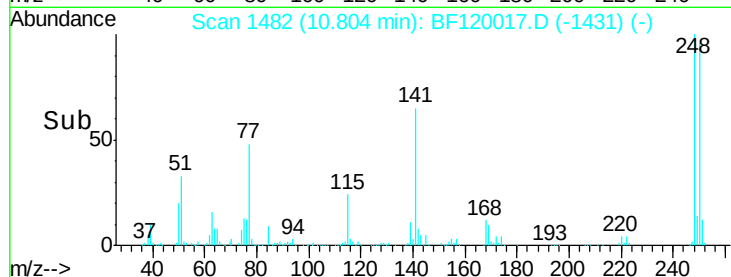
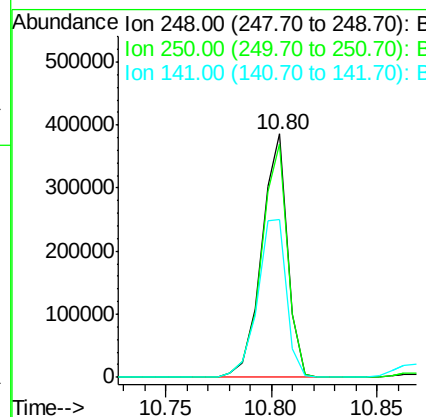
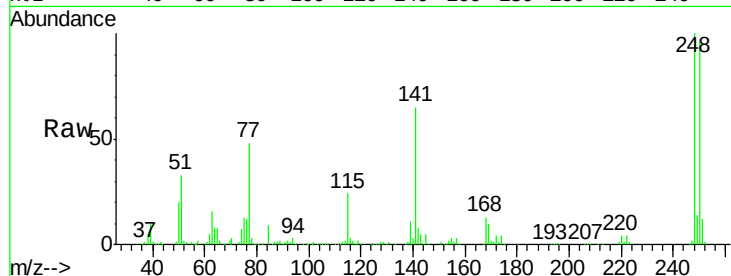
#67
 4-Bromophenyl-phenylether
 Concen: 40.827 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Instrument :
 BNA_F
 ClientSampled :
 PB128243BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.6	114.8
141	64.7	55.9	83.9

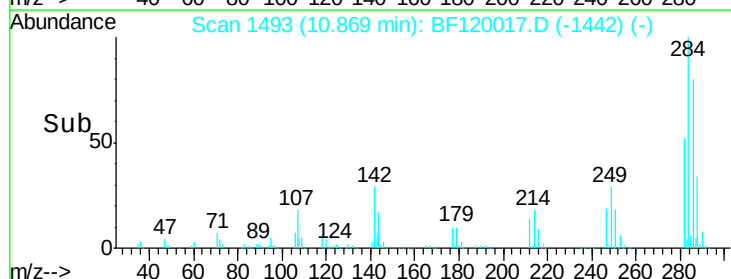
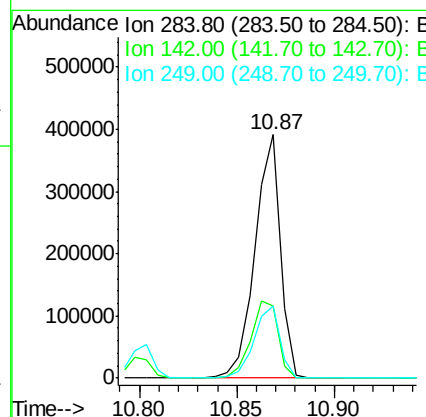
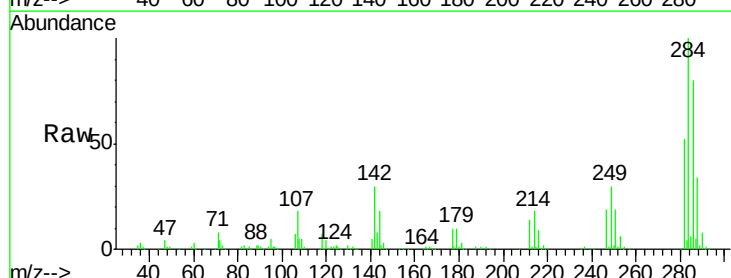
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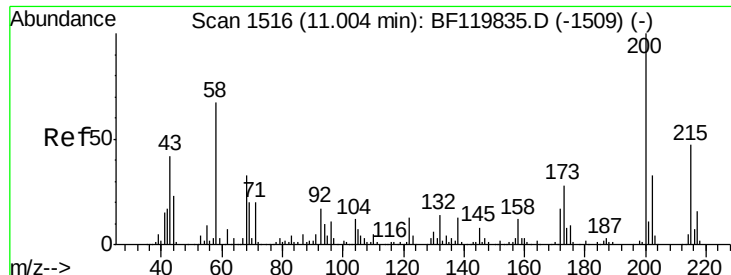
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#68
 Hexachlorobenzene
 Concen: 42.984 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	26.9	40.3
249	29.6	24.6	37.0





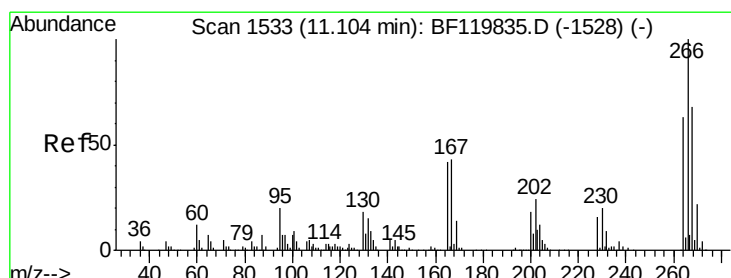
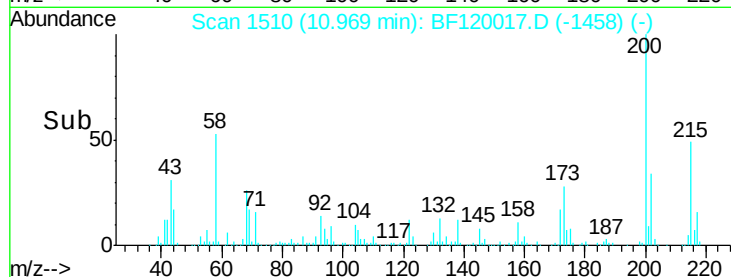
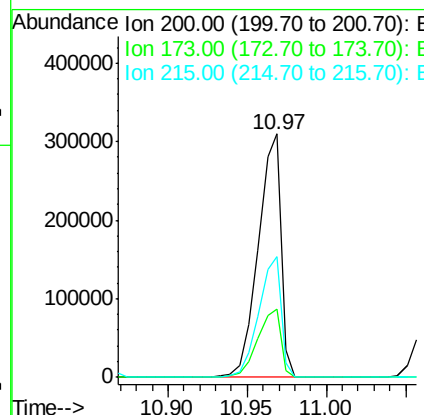
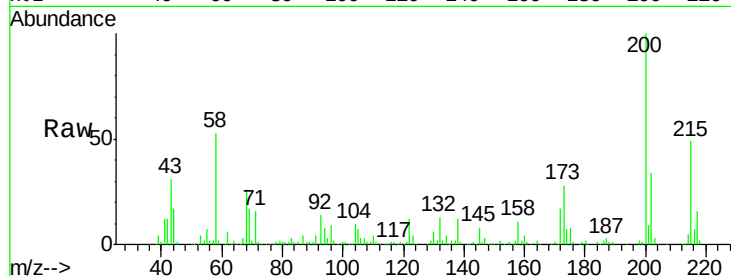
#69
Atrazine
Concen: 51.513 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	8.0	48.0
215	49.4	27.1	67.1

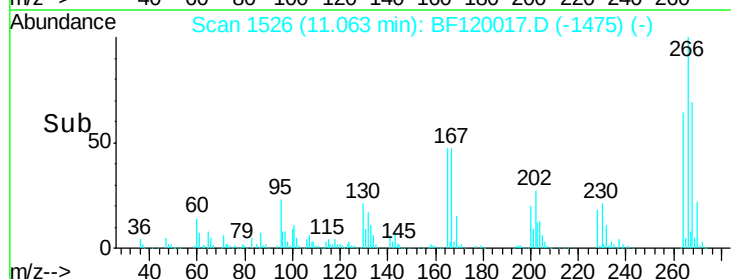
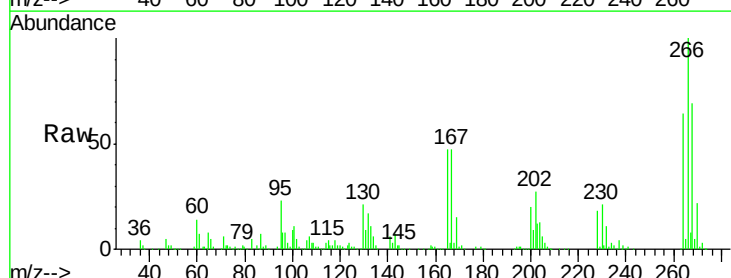
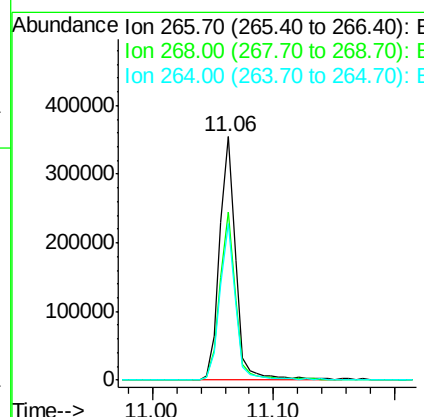
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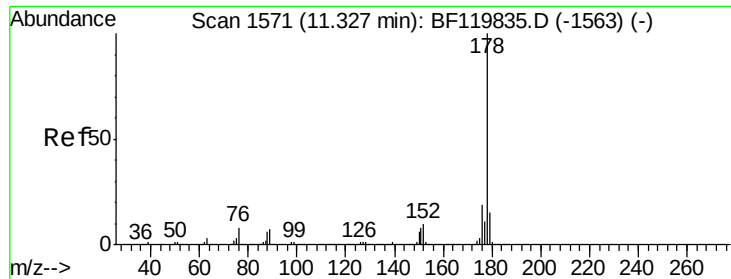
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#70
Pentachlorophenol
Concen: 69.141 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	69.2	54.2	81.4
264	64.2	50.6	76.0





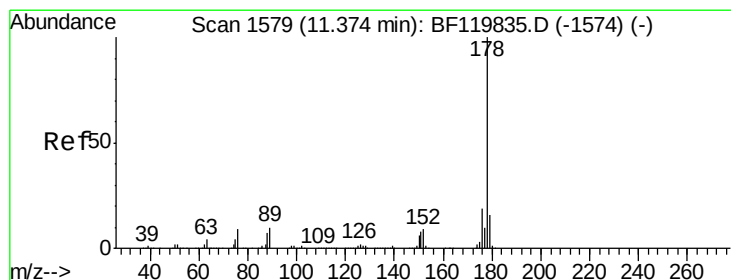
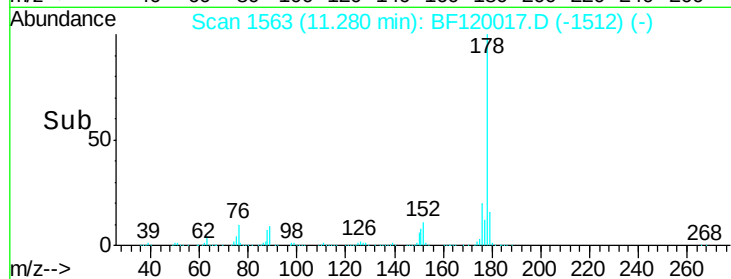
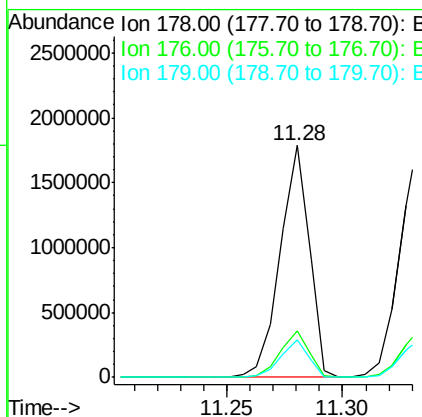
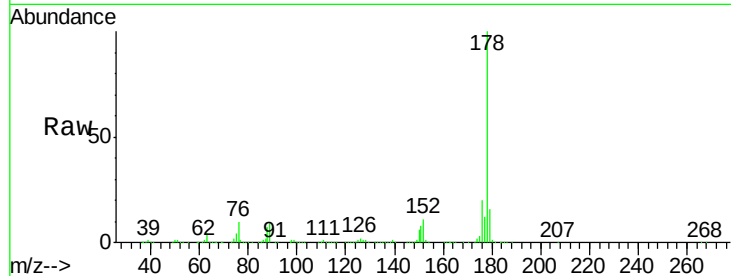
#71
Phenanthrene
Concen: 44.946 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion:178 Resp: 1556303
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 16.1 12.2 18.4

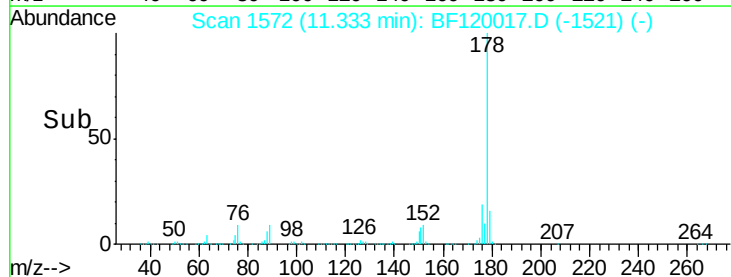
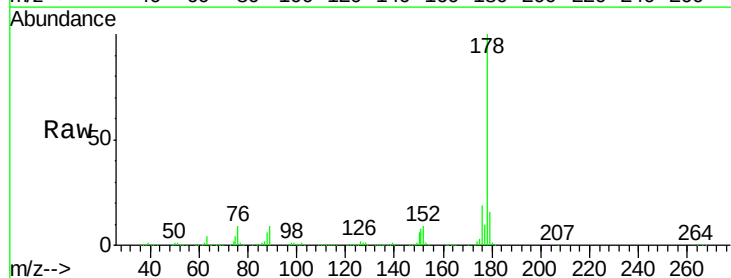
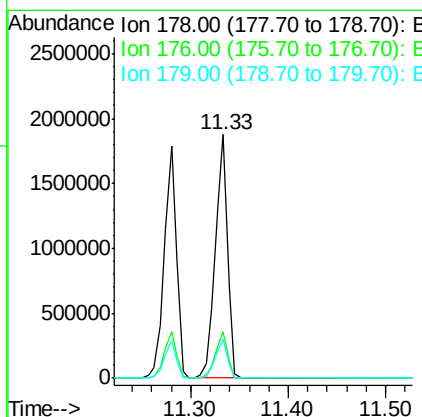
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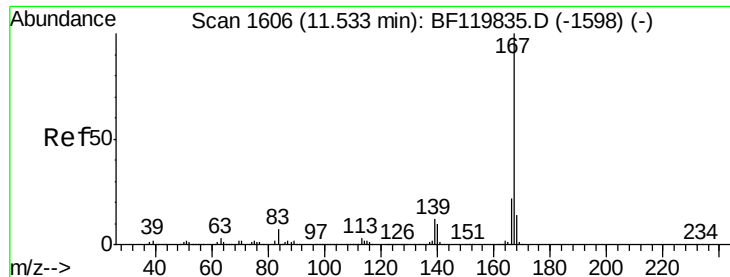
mohammad
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#72
Anthracene
Concen: 45.979 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion:178 Resp: 1626399
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.8 12.8 19.2





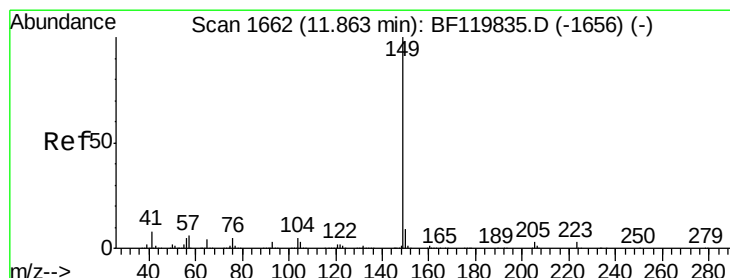
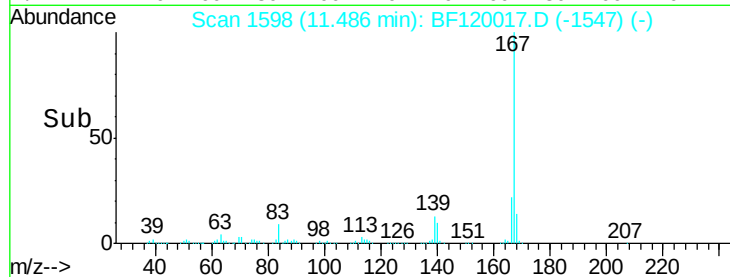
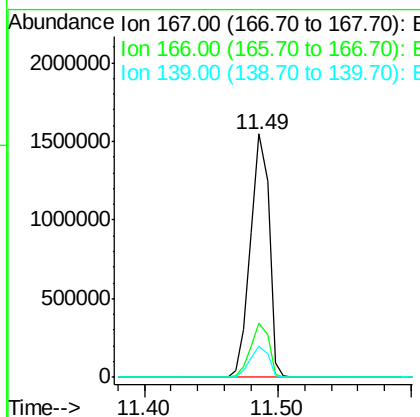
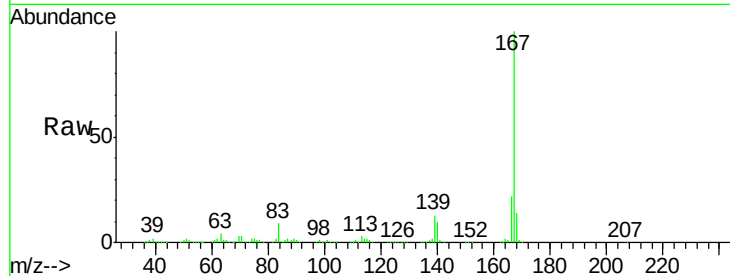
#73
 Carbazole
 Concen: 44.265 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.0	9.8	14.8

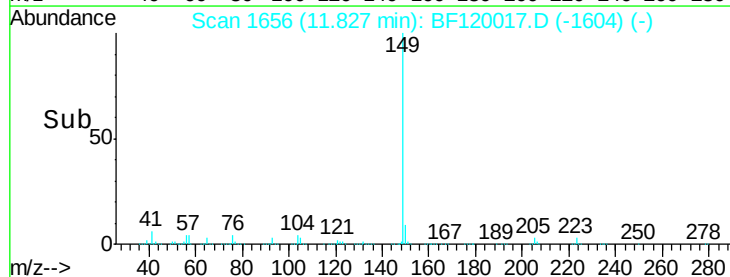
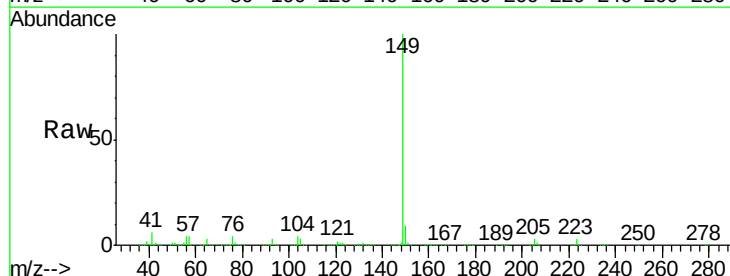
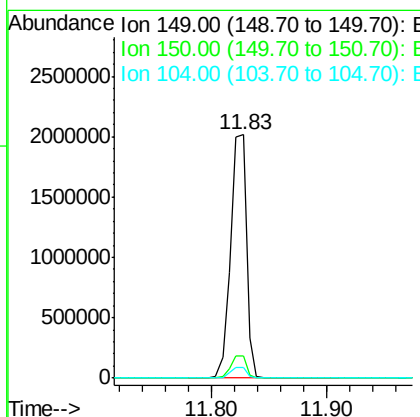
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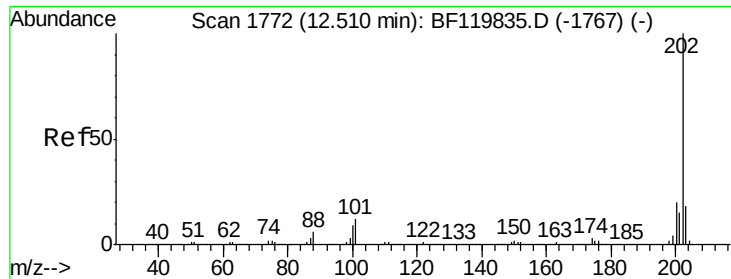
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.632 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	4.3	3.8	5.6





#75

Fluoranthene

Concen: 45.501 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Instrument :

BNA_F

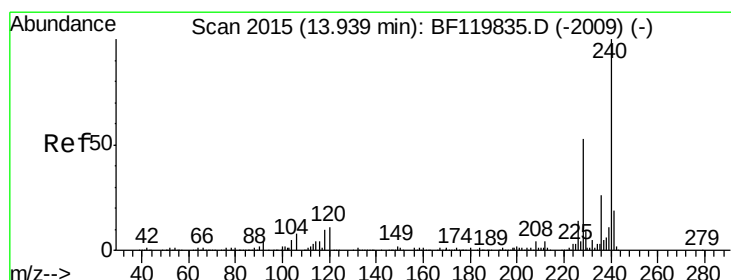
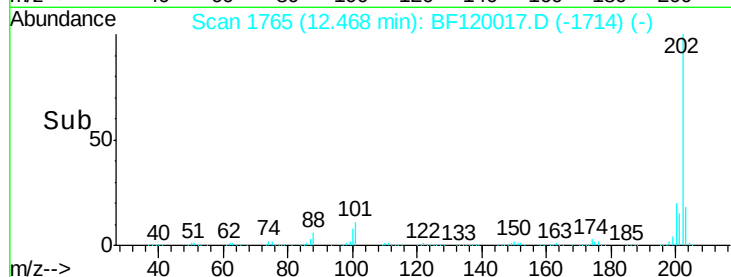
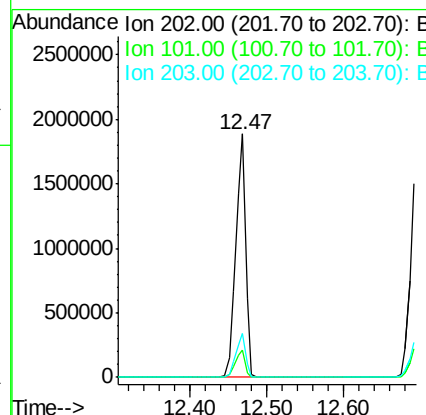
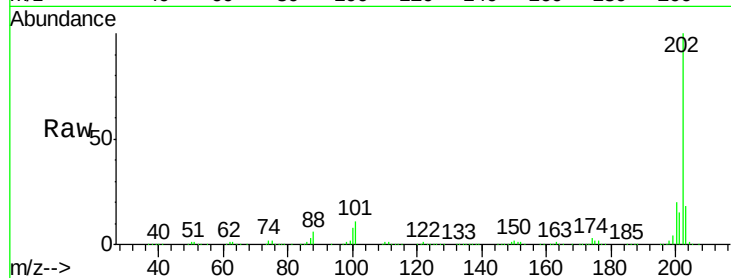
ClientSampleId :

PB128243BS

Tot Ion:	202	Resp:	1699981
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	32.3
203	18.0	0.0	37.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

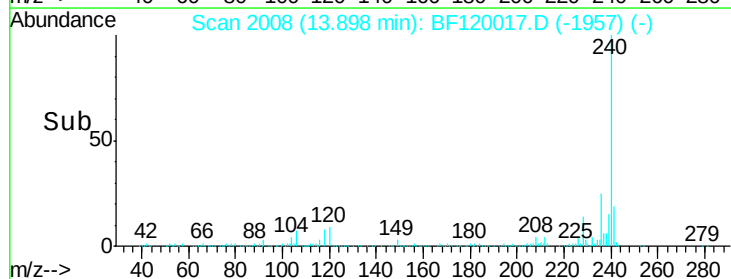
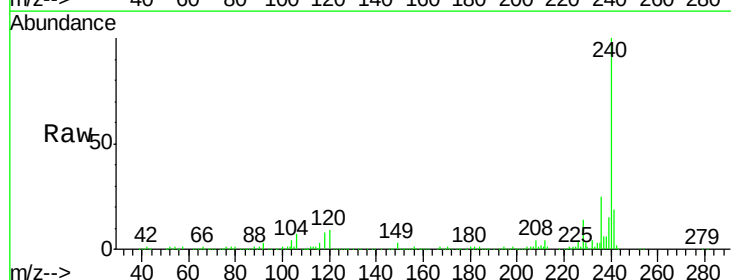
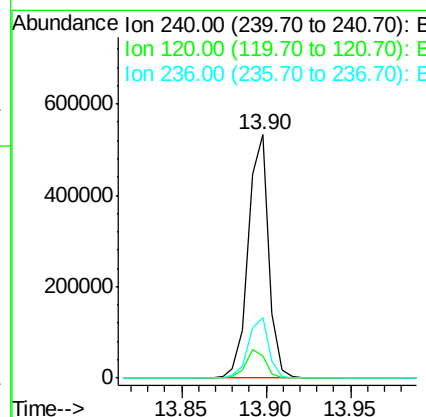
RT: 13.90 min Scan# 2008

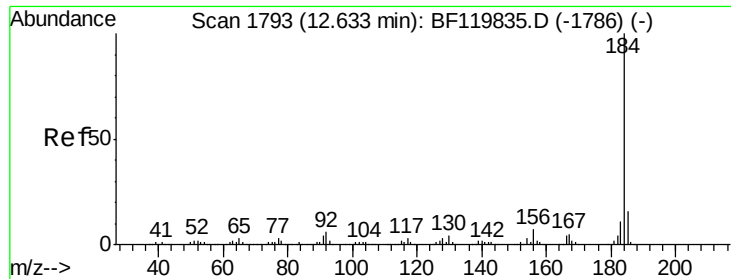
Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Tgt Ion:	240	Resp:	449472
Ion Ratio	Lower	Upper	
240	100		
120	9.3	9.0	13.6
236	25.1	20.7	31.1





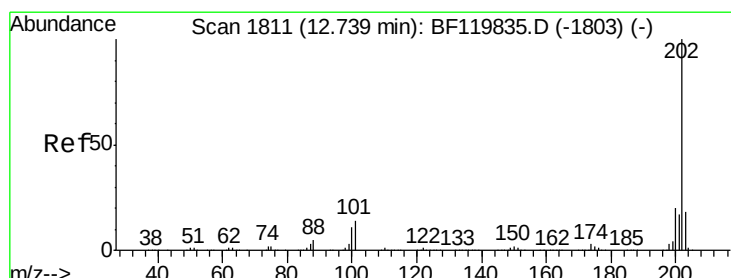
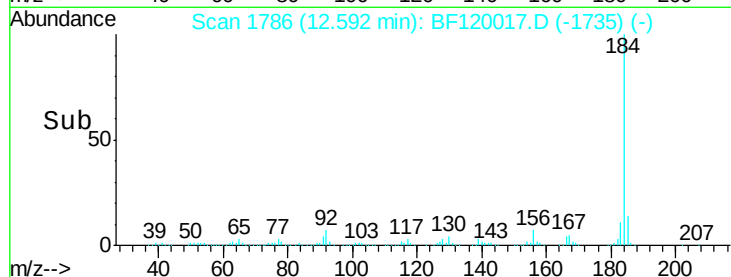
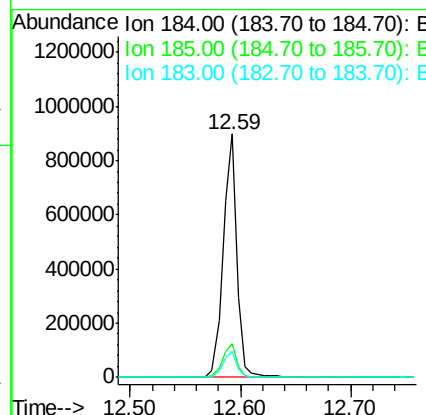
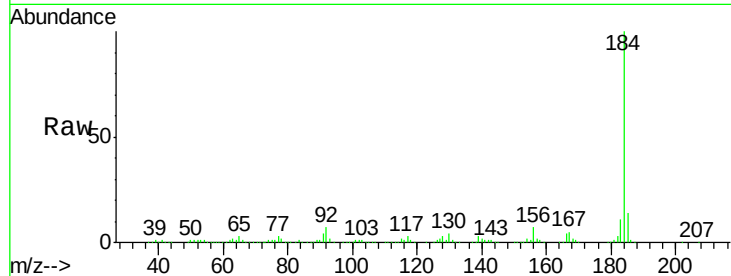
#77
Benzidine
Concen: 50.644 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.2	19.8
183	10.9	9.1	13.7

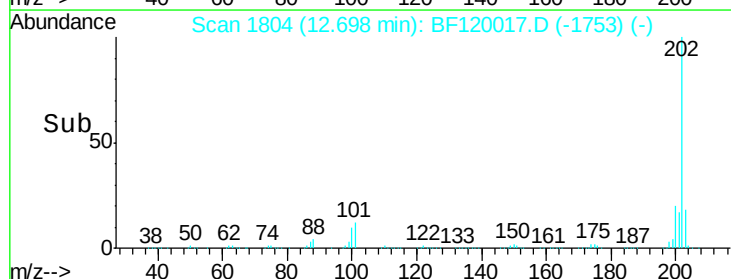
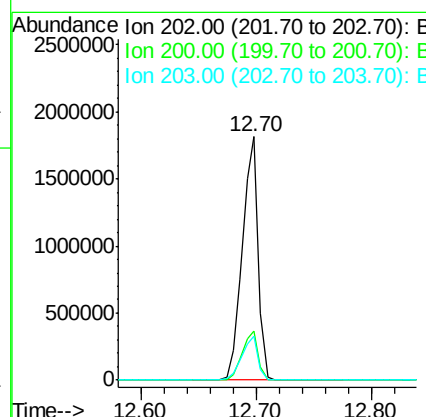
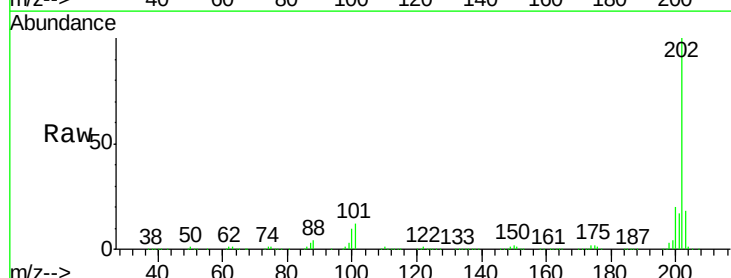
Manual Integrations
APPROVED

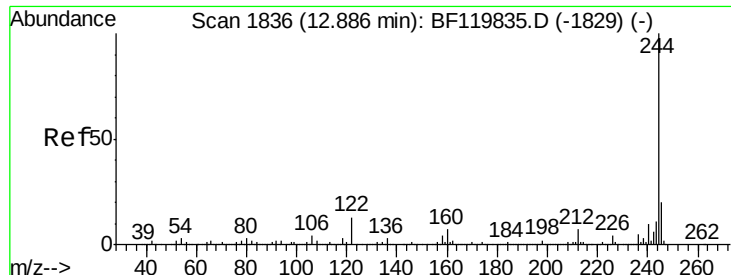
mohammad
4/16/2020 12:53:07 PM



#78
Pyrene
Concen: 45.091 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.8	14.1	21.1





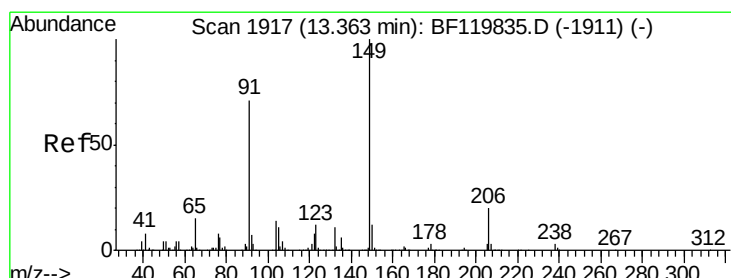
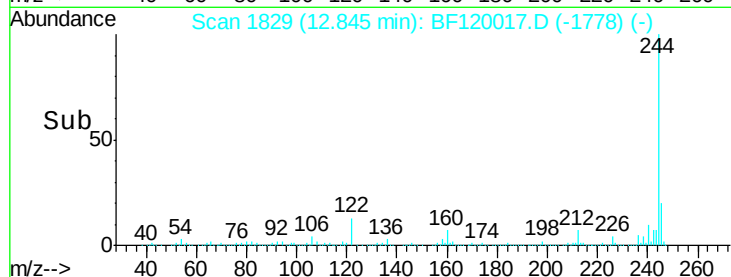
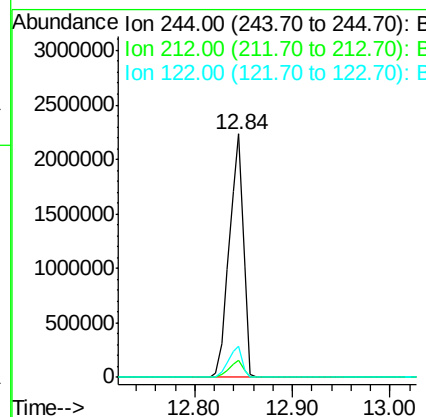
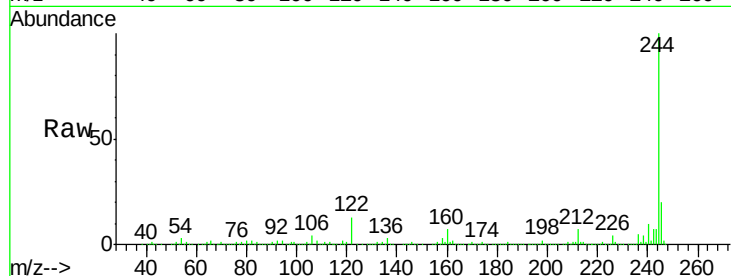
#79
Terphenyl-d14
Concen: 84.012 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.7	10.3	15.5

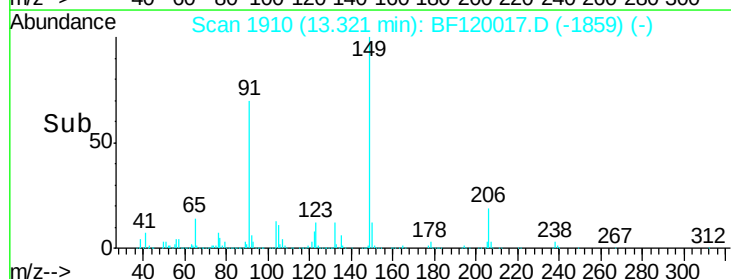
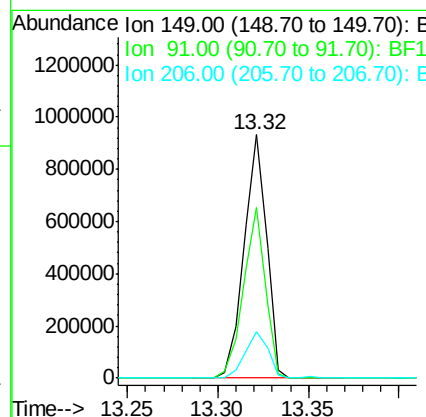
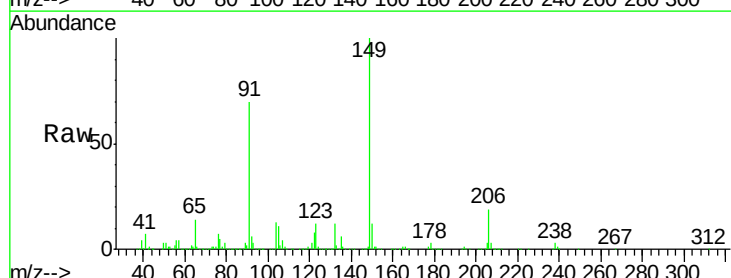
Manual Integrations
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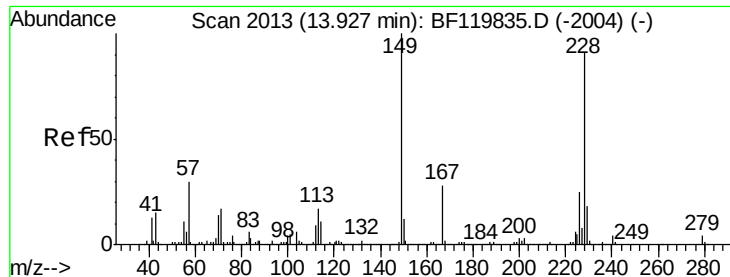
mohammad
4/16/2020 12:53:07 PM



#80
Butylbenzylphthalate
Concen: 43.677 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.7	85.1
206	19.3	15.7	23.5





#81

Benzo(a)anthracene

Concen: 44.731 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Instrument :

BNA_F

ClientSampleId :

PB128243BS

Tot Ion:228 Resp: 1322666

Ion Ratio Lower Upper

228 100

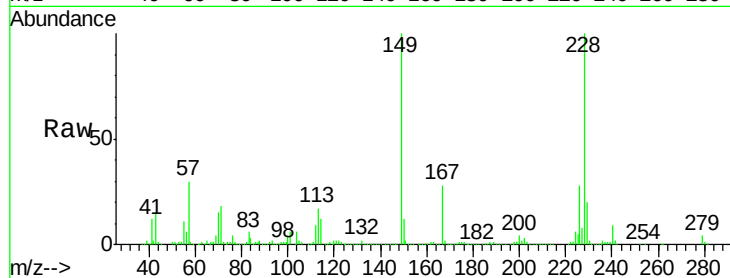
226 27.5 21.9 32.9

229 19.6 15.9 23.9

Manual Integrations
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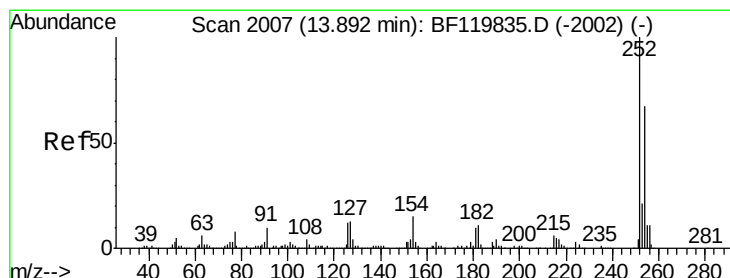
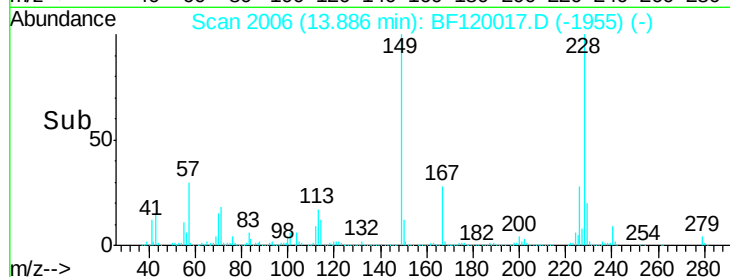
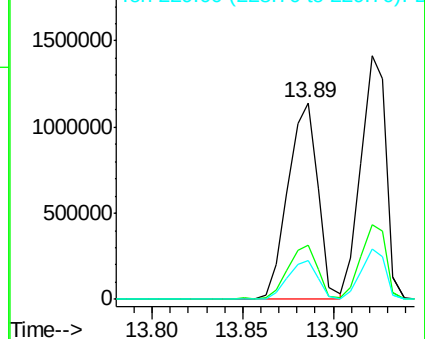
4/16/2020 12:53:07 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.960 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

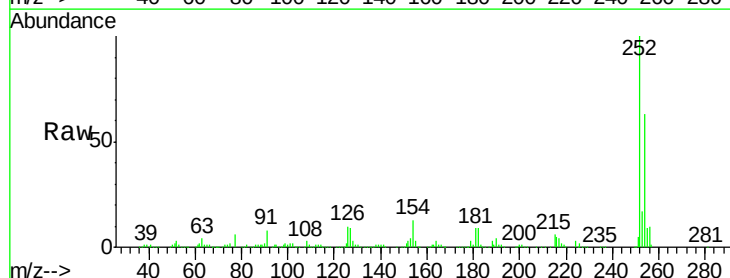
Tgt Ion:252 Resp: 308478

Ion Ratio Lower Upper

252 100

254 62.7 53.9 80.9

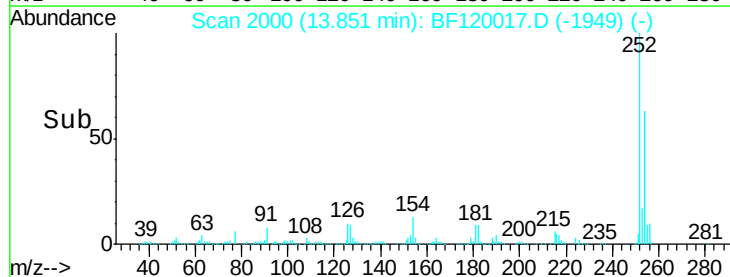
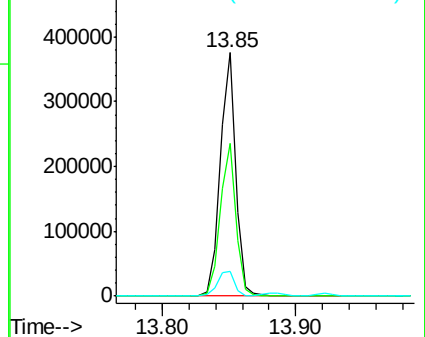
126 9.9 9.7 14.5

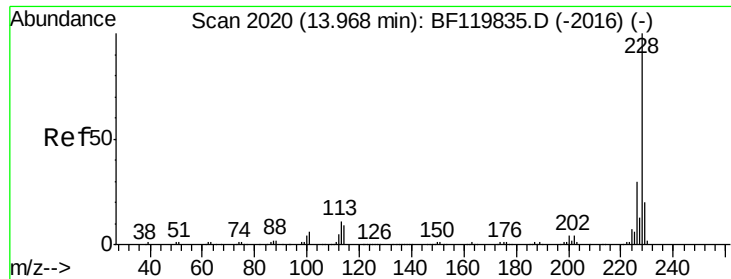


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





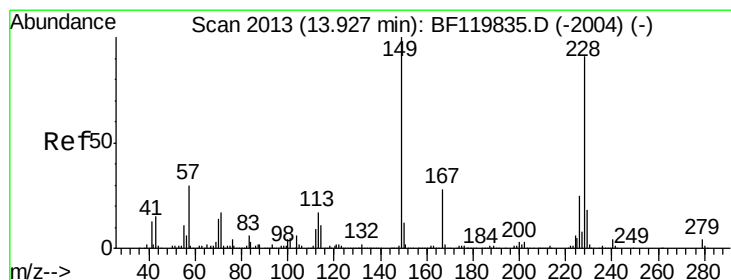
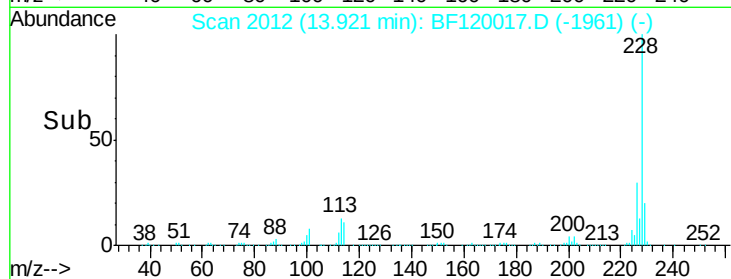
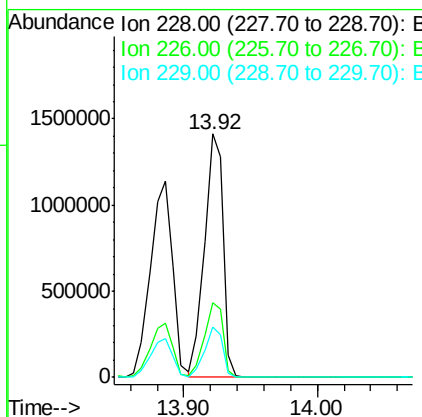
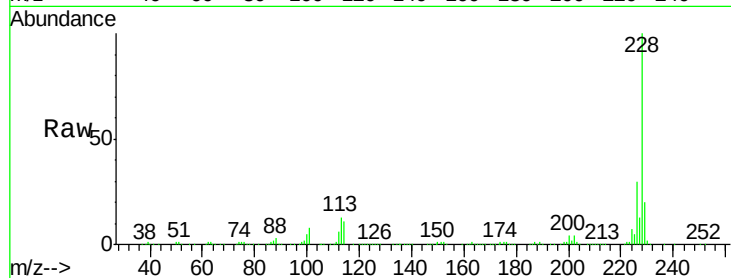
#83
 Chrysene
 Concen: 45.497 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BS

Tot Ion:228 Resp: 1366960
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.2 36.2
 229 20.4 15.9 23.9

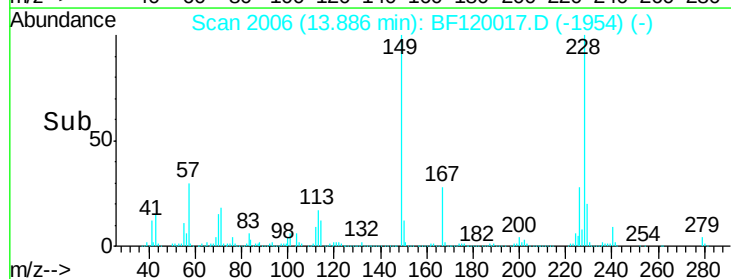
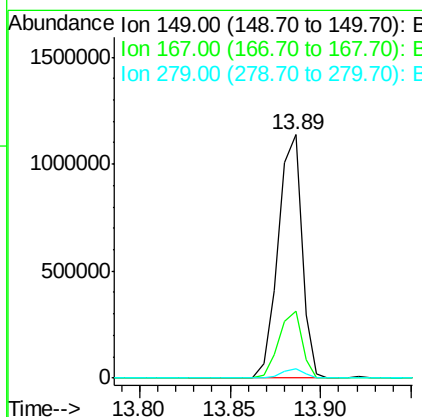
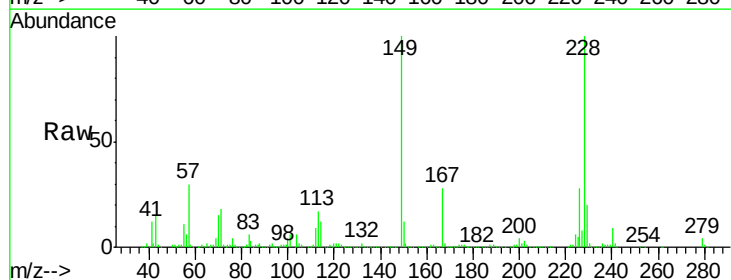
Manual Integrations
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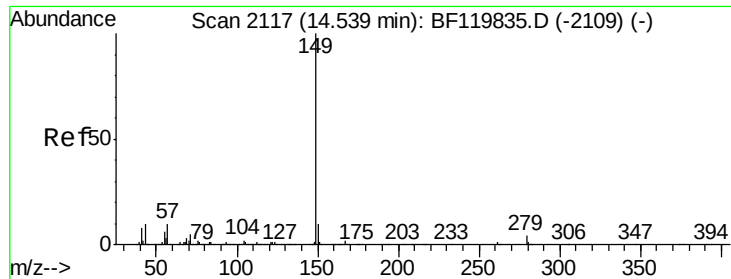
mohammad
 4/16/2020 12:53:07 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.726 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF120017.D
 Acq: 16 Apr 2020 2:52

Tgt Ion:149 Resp: 1038909
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.2
 279 3.9 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 42.505 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

Instrument :

BNA_F

ClientSampleId :

PB128243BS

Tot Ion:149 Resp: 1801953

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

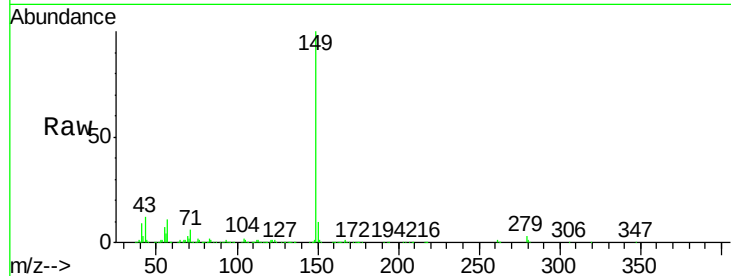
43 10.8 9.2 13.8

Manual Integrations

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mohammad

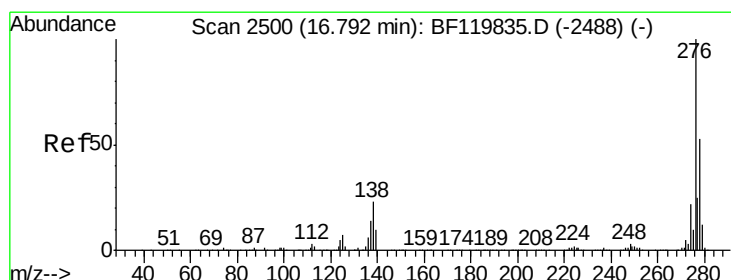
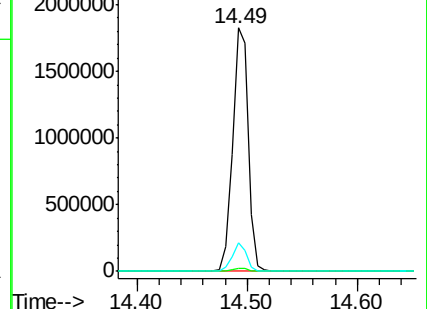
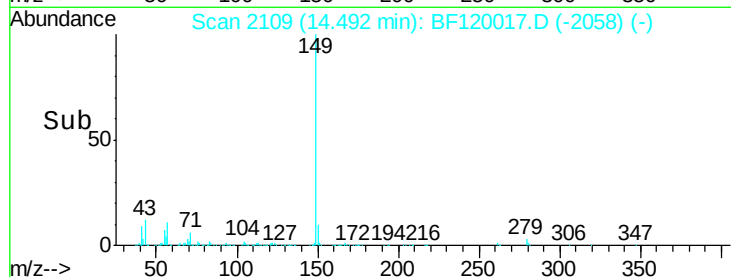
4/16/2020 12:53:07 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.474 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BF120017.D

Acq: 16 Apr 2020 2:52

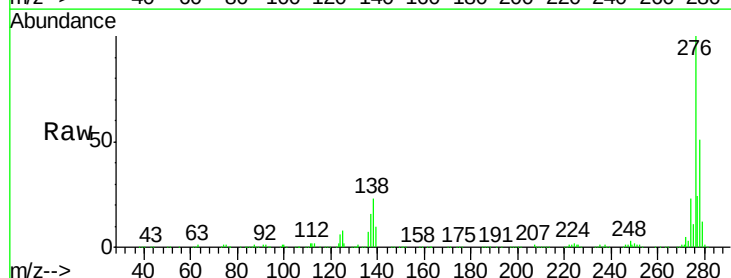
Tgt Ion:276 Resp: 1098401

Ion Ratio Lower Upper

276 100

138 25.0 18.0 27.0

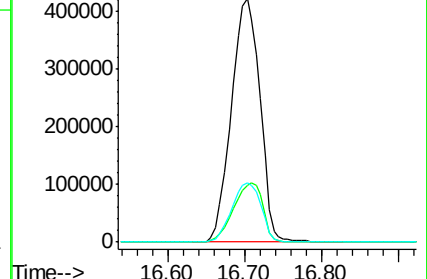
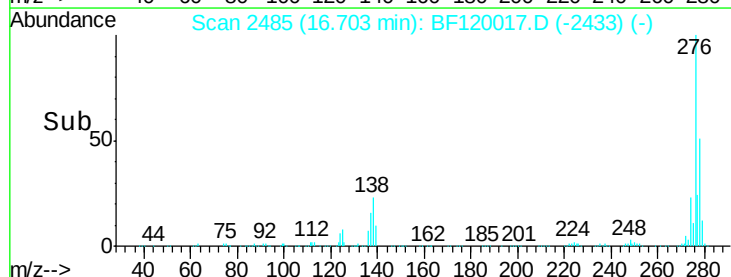
277 24.9 20.1 30.1

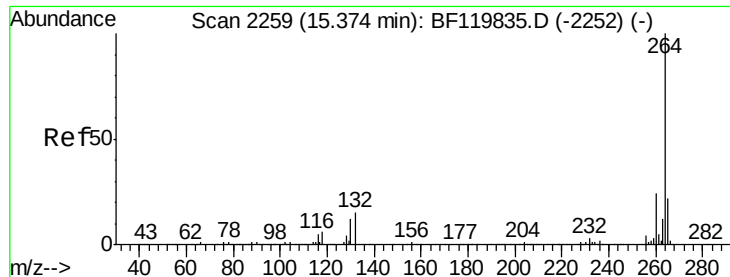


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





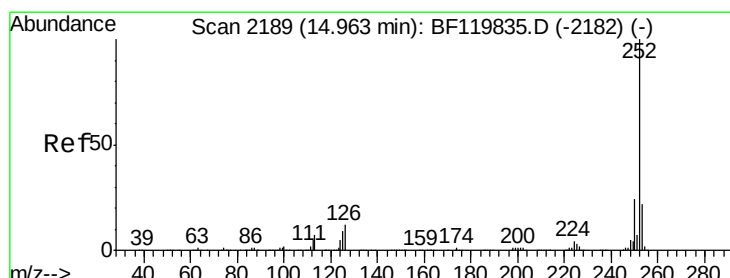
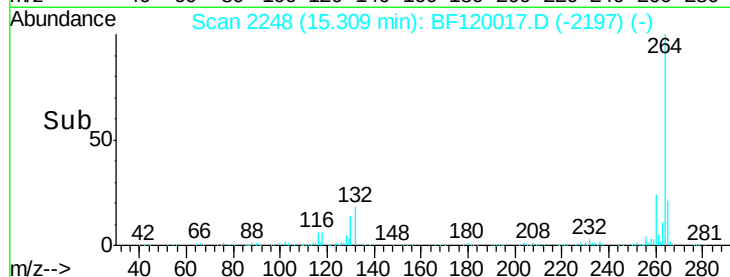
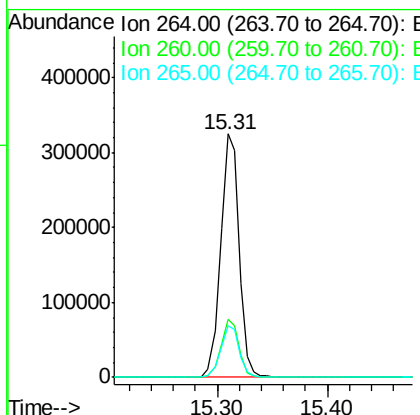
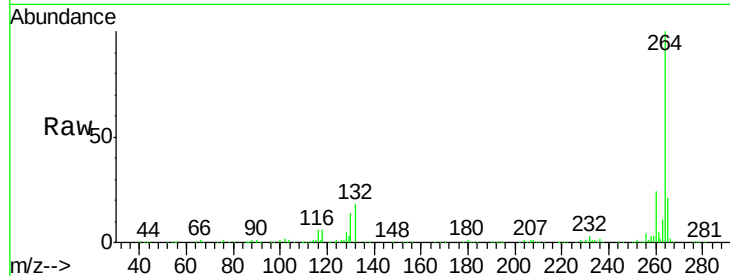
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.1	17.6	26.4

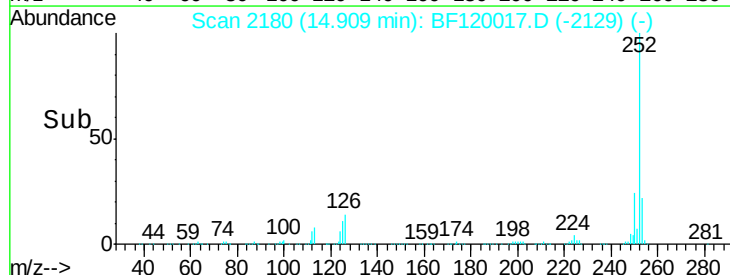
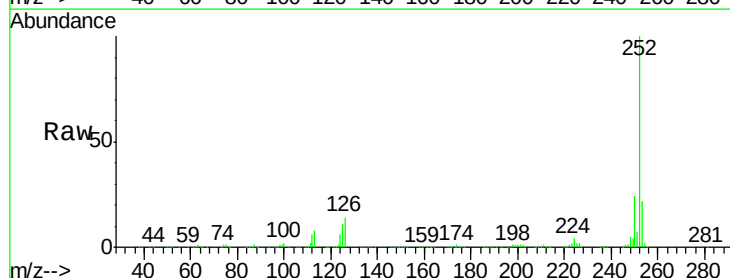
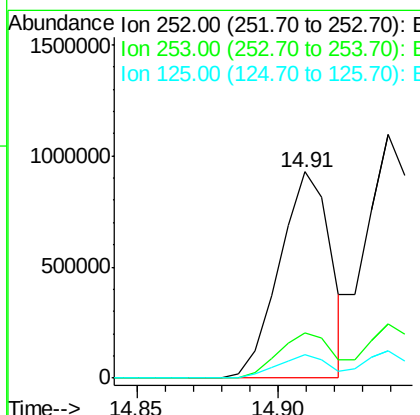
Manual Integrations
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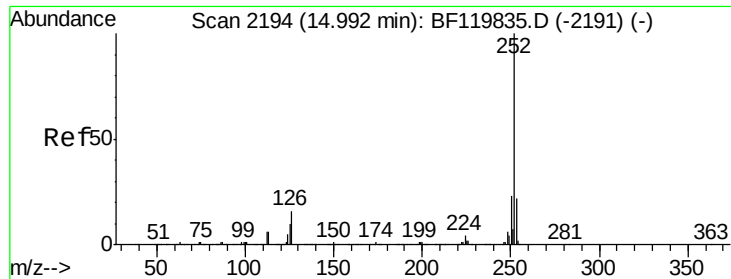
mohammad
4/16/2020 12:53:07 PM



#88
Benzo(b)fluoranthene
Concen: 43.188 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.4	7.4	11.2#





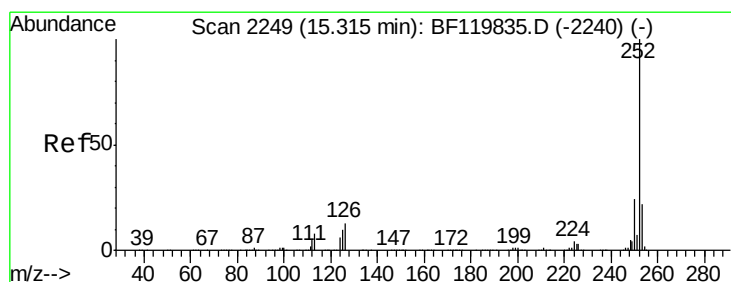
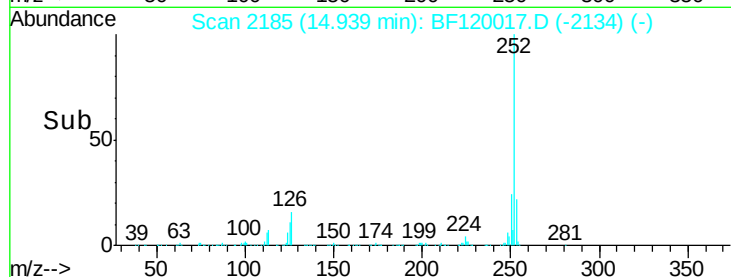
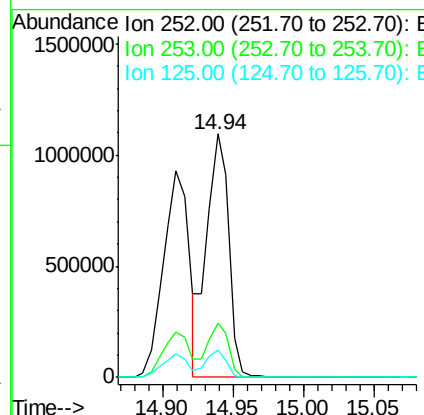
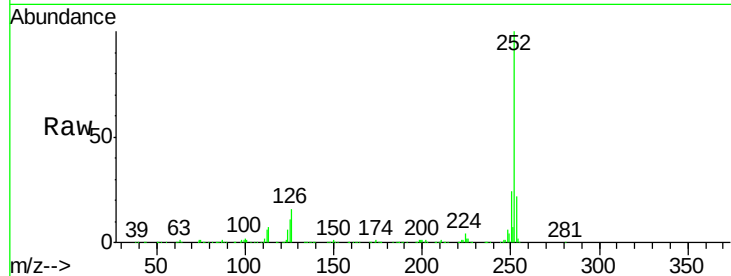
#89
Benzo(k)fluoranthene
Concen: 50.717 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampled :
PB128243BS

Tot Ion:252 Resp: 1187555
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.2 7.7 11.5

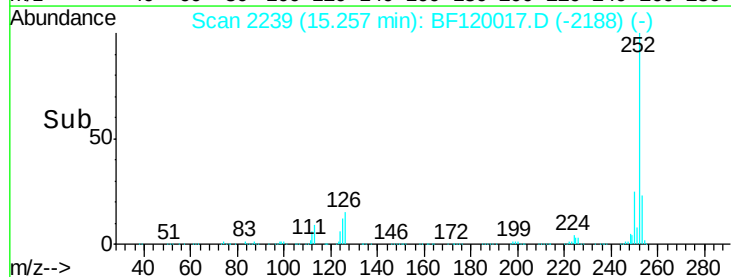
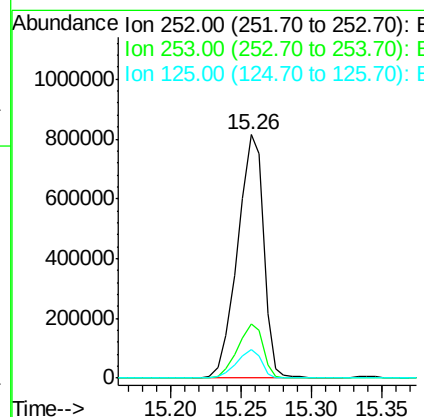
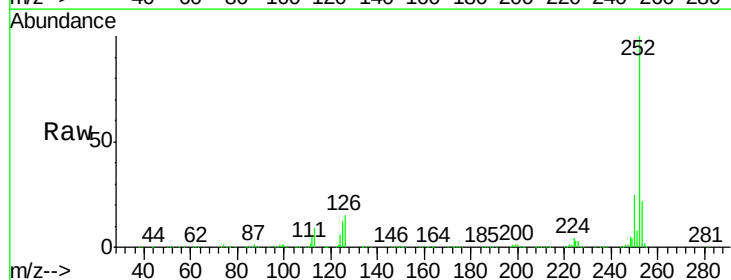
Manual Integrations
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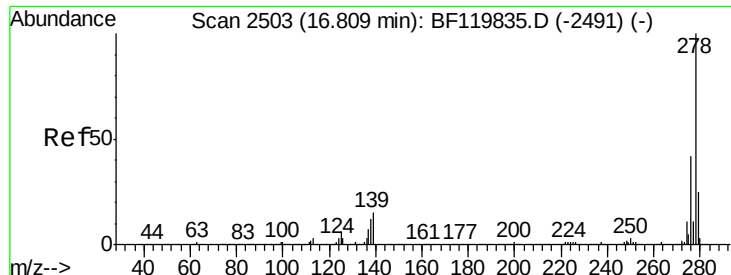
mohammad
4/16/2020 12:53:07 PM



#90
Benzo(a)pyrene
Concen: 45.879 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion:252 Resp: 1046865
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 12.0 8.3 12.5





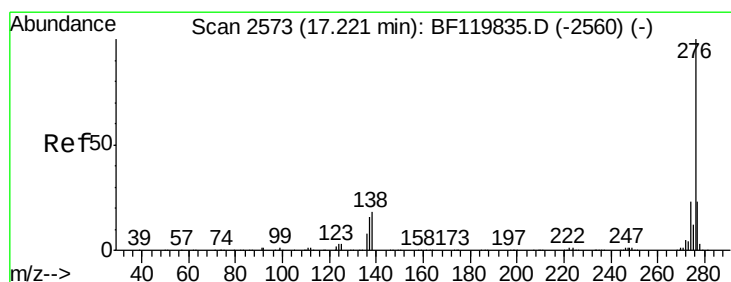
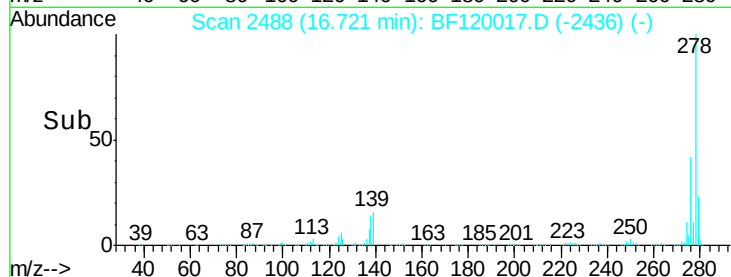
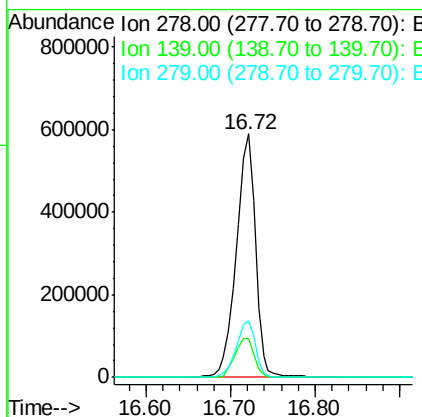
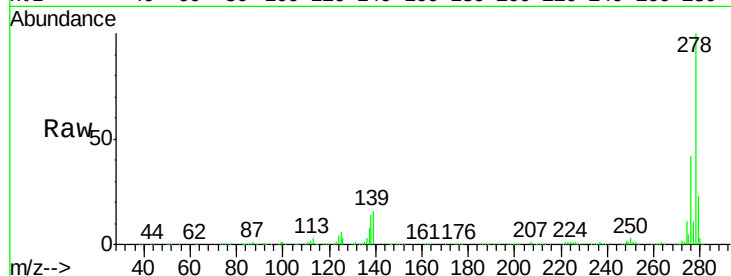
#91
Dibenzo(a,h)anthracene
Concen: 45.532 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.6	17.4
279	23.2	19.7	29.5

Manual Integrations
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mohammad
4/16/2020 12:53:07 PM



#92
Benzo(g,h,i)perylene
Concen: 44.592 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF120017.D
Acq: 16 Apr 2020 2:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	21.5	14.6	22.0

