

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119985.D
 Acq On : 15 Apr 2020 11:25
 Operator : MA/SJ
 Sample : L2225-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Manual Integrations
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 4/16/2020 12:52:34 PM

Quant Time: Apr 15 12:02:51 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	6.73	152	190011	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	737429	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	387326	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	730796	20.00	ng	0.00
76) Chrysene-d12	13.90	240	495989	20.00	ng	0.00
87) Perylene-d12	15.32	264	379501	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1551138	141.08	ng	0.02
7) Phenol-d6	6.37	99	1845768	130.28	ng	0.00
23) Nitrobenzene-d5	7.30	82	1334830	93.64	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	584176	123.19	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2530435	92.76	ng	0.00
79) Terphenyl-d14	12.85	244	2743024	93.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	241312	49.276	ng	# 81
3) Pyridine	3.25	79	400970	29.843	ng	97
4) n-Nitrosodimethylamine	3.18	42	341202	49.703	ng	91
6) Aniline	6.39	93	250164	13.453	ng	# 61
8) 2-Chlorophenol	6.52	128	699394	56.932	ng	99
9) Benzaldehyde	6.27	77	180991	18.237	ng	99
10) Phenol	6.39	94	742858	46.218	ng	89
11) bis(2-Chloroethyl)ether	6.47	93	684445	55.152	ng	99
12) 1,3-Dichlorobenzene	6.67	146	713435	53.046	ng	100
13) 1,4-Dichlorobenzene	6.75	146	715242	52.206	ng	99
14) 1,2-Dichlorobenzene	6.90	146	661808	52.416	ng	99
15) Benzyl Alcohol	6.87	79	539663	49.043	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1167486	48.345	ng	95
17) 2-Methylphenol	6.99	107	561845	51.248	ng	99
18) Hexachloroethane	7.24	117	274058	53.525	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	488282	53.596	ng	96
20) 3+4-Methylphenols	7.15	107	658876	49.139	ng	95
22) Acetophenone	7.15	105	932243	53.986	ng	# 99
24) Nitrobenzene	7.32	77	731365	51.004	ng	99
25) Isophorone	7.56	82	1380645	50.245	ng	99
26) 2-Nitrophenol	7.63	139	383590	53.544	ng	92
27) 2,4-Dimethylphenol	7.67	122	586788	54.309	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	863943	53.431	ng	100
29) 2,4-Dichlorophenol	7.87	162	577280	52.125	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	629794	50.188	ng	98
31) Naphthalene	8.03	128	1977455	50.968	ng	99
32) Benzoic acid	7.82	122	446698	47.075	ng	98
33) 4-Chloroaniline	8.09	127	106851	6.326	ng	96
34) Hexachlorobutadiene	8.15	225	360039	47.930	ng	98
35) Caprolactam	8.47	113	149777m	44.211	ng	
36) 4-Chloro-3-methylphenol	8.58	107	633684	52.849	ng	96
37) 2-Methylnaphthalene	8.73	142	1370458	52.101	ng	99
38) 1-Methylnaphthalene	8.83	142	1273199	51.354	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	583270	47.678	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	733714	105.474	nq	96
43) 2,4,6-Trichlorophenol	9.01	196	439076	51.976	nq	100
44) 2,4,5-Trichlorophenol	9.06	196	470010	49.399	nq	94
46) 1,1'-Biphenyl	9.20	154	1628988	49.828	nq	100
47) 2-Chloronaphthalene	9.22	162	1275526	50.647	nq	97
48) 2-Nitroaniline	9.32	65	446024	48.871	nq	98
49) Acenaphthylene	9.63	152	1972255	51.494	nq	99
50) Dimethylphthalate	9.50	163	1515875	50.598	nq	100
51) 2,6-Dinitrotoluene	9.56	165	340132	51.845	nq	91
52) Acenaphthene	9.80	154	1212208	47.446	nq	100
53) 3-Nitroaniline	9.73	138	95879	12.796	nq	90
54) 2,4-Dinitrophenol	9.84	184	436842	111.218	nq	92
55) Dibenzofuran	9.98	168	1749695	49.906	nq	99
56) 4-Nitrophenol	9.90	139	479141	85.945	nq	97
57) 2,4-Dinitrotoluene	9.97	165	435410	50.374	nq	94
58) Fluorene	10.32	166	1358049	48.434	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	384649	52.859	nq	98
60) Diethylphthalate	10.20	149	1540719	49.620	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	651813	45.356	nq	98
62) 4-Nitroaniline	10.35	138	288431	40.393	nq	97
63) Azobenzene	10.47	77	1446114	51.968	nq	98
65) 4,6-Dinitro-2-methylphenol	10.38	198	271885	56.472	nq	95
66) n-Nitrosodiphenylamine	10.44	169	1057882	43.527	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	420200	46.236	nq	97
68) Hexachlorobenzene	10.87	284	454336	49.279	nq	98
69) Atrazine	10.96	200	250322	37.018	nq	96
70) Pentachlorophenol	11.06	266	506481	95.328	nq	100
71) Phenanthrene	11.28	178	1976885	50.828	nq	98
72) Anthracene	11.33	178	2060905	51.870	nq	100
73) Carbazole	11.49	167	1624930	43.247	nq	100
74) Di-n-butylphthalate	11.83	149	2422173	49.038	nq	99
75) Fluoranthene	12.47	202	2170654	51.724	nq	98
78) Pyrene	12.70	202	2160753	51.677	nq	99
80) Butylbenzylphthalate	13.32	149	1017062	50.129	nq	100
81) Benzo(a)anthracene	13.89	228	1626294	49.842	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	104384	8.574	nq	99
83) Chrysene	13.93	228	1721453	51.923	nq	98
84) Bis(2-ethylhexyl)phthalate	13.89	149	1270406	46.238	nq	99
85) Di-n-octyl phthalate	14.50	149	2243847	47.964	nq	98
86) Indeno(1,2,3-cd)pyrene	16.71	276	1358687	46.490	nq	97
88) Benzo(b)fluoranthene	14.92	252	1544163	56.562	nq	98
89) Benzo(k)fluoranthene	14.94	252	1428815	60.658	nq	98
90) Benzo(a)pyrene	15.26	252	1288390	56.129	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	1136276	55.885	nq	98
92) Benzo(g,h,i)perylene	17.13	276	1104426	55.028	nq #	95

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

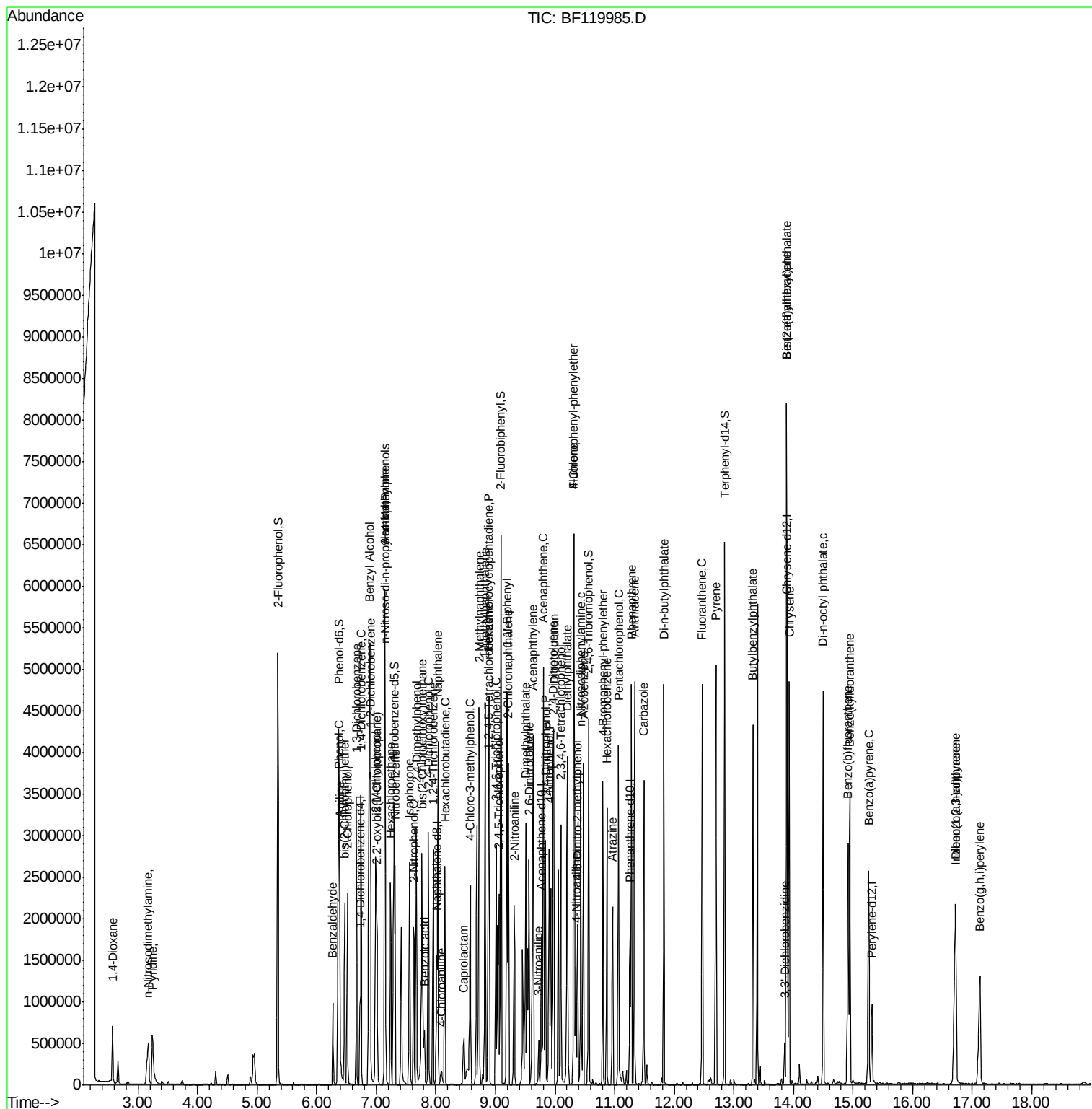
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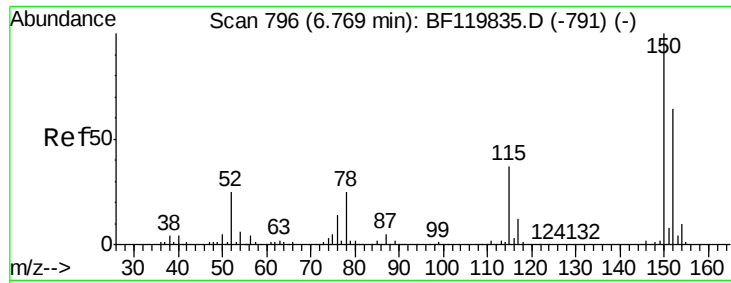
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#1

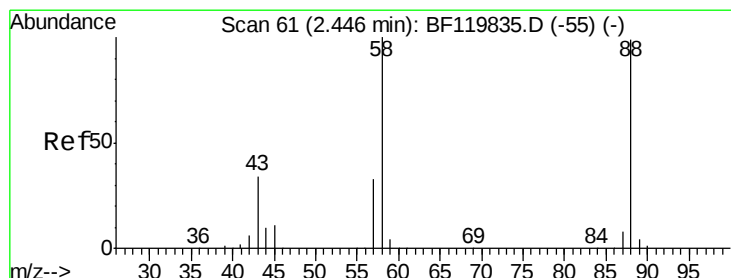
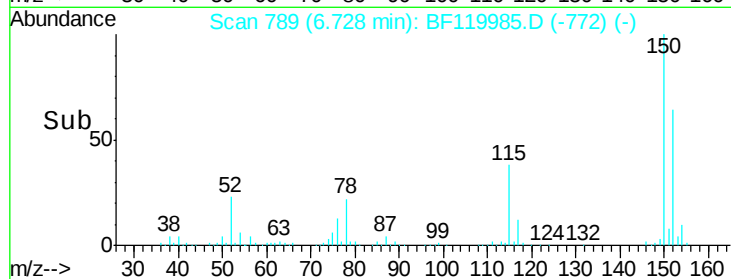
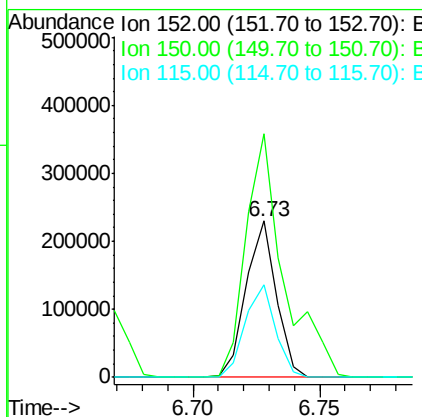
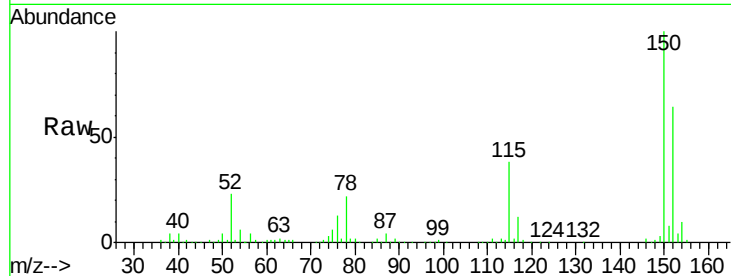
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.8	187.2
115	59.5	46.5	69.7

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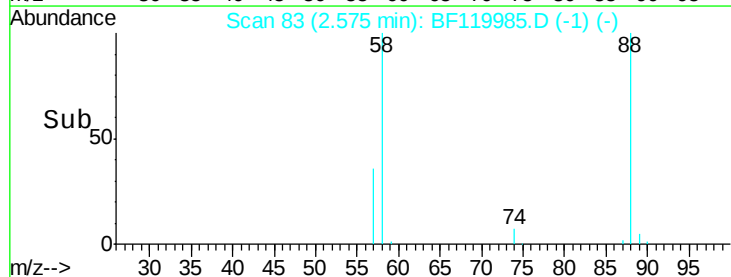
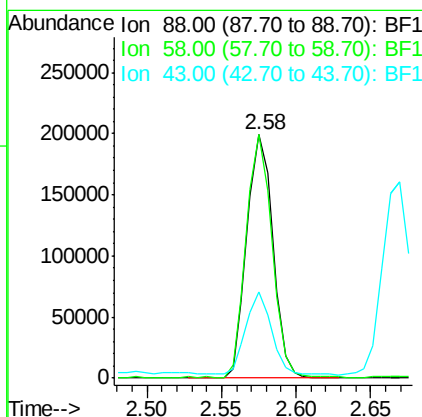
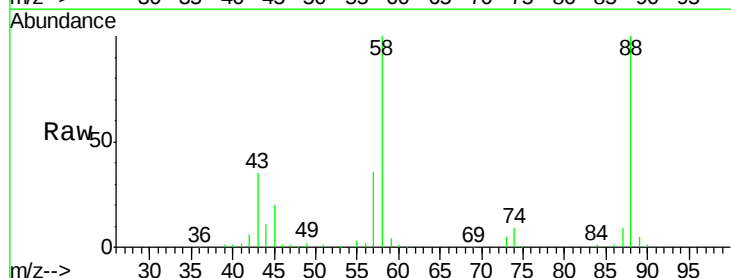
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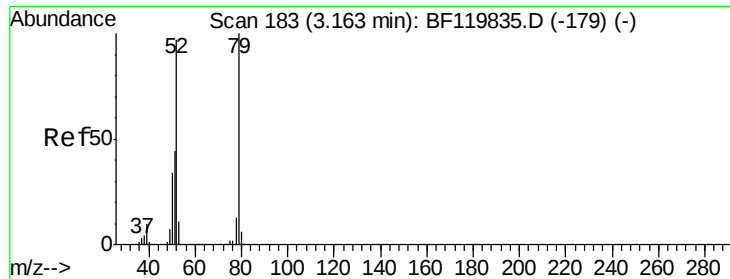


#2

1,4-Dioxane
Concen: 49.276 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.20 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.4	82.6	123.8
43	0.0	28.6	42.8#





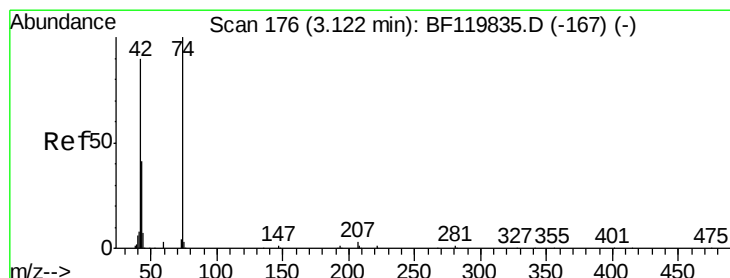
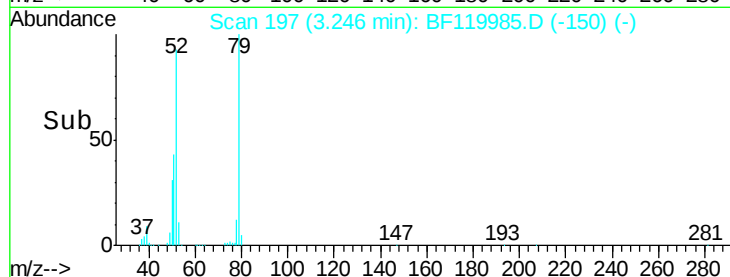
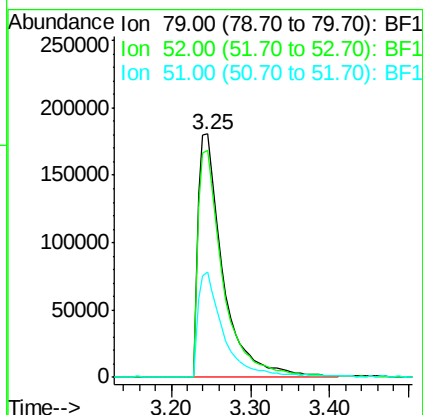
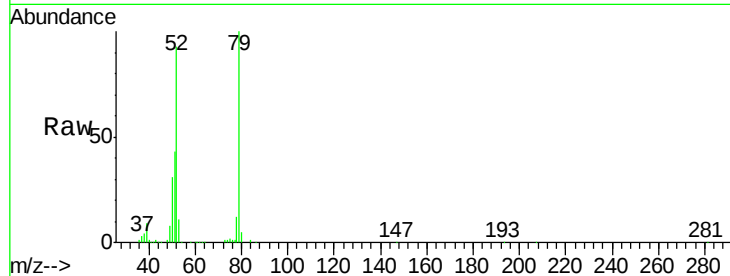
#3
 Pvridine
 Concen: 29.843 ng
 RT: 3.25 min Scan# 197
 Delta R.T. 0.18 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
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 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	93.5	77.4	116.0		
51	43.4	35.3	52.9		

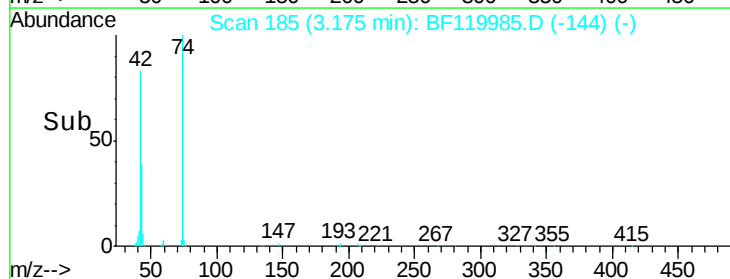
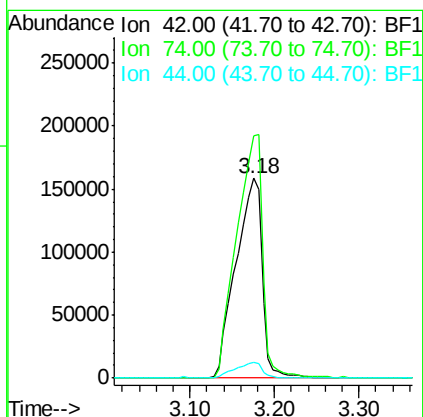
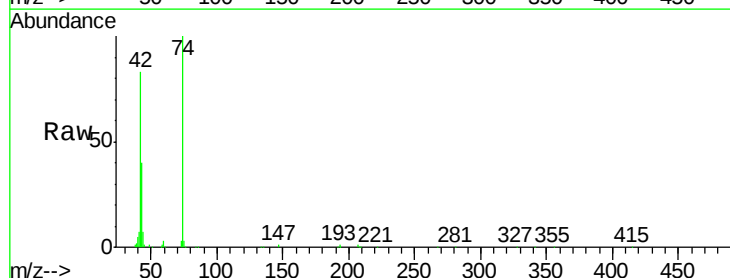
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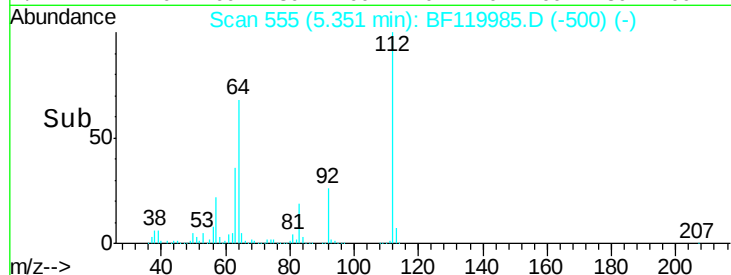
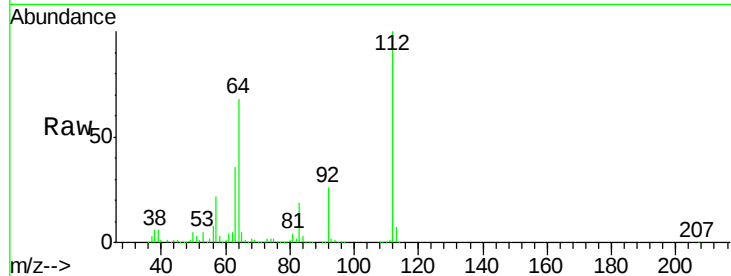
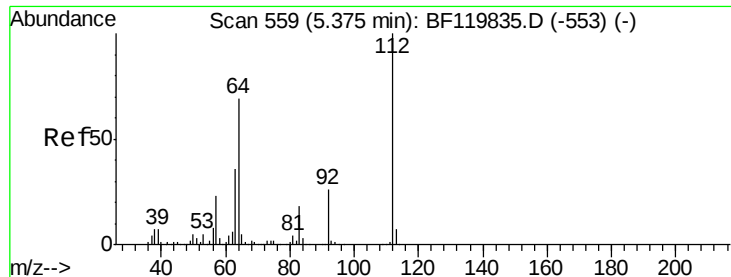
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#4
 n-Nitrosodimethylamine
 Concen: 49.703 ng
 RT: 3.18 min Scan# 185
 Delta R.T. 0.14 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	121.1	89.0	133.4		
44	7.9	6.2	9.4		





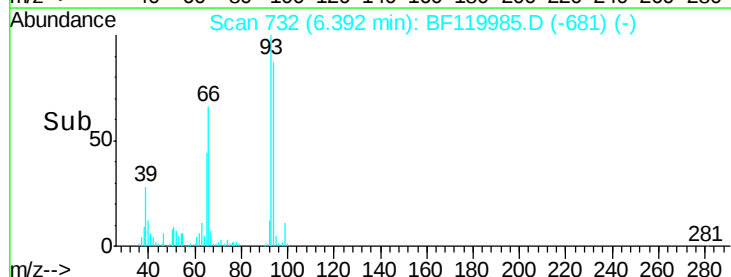
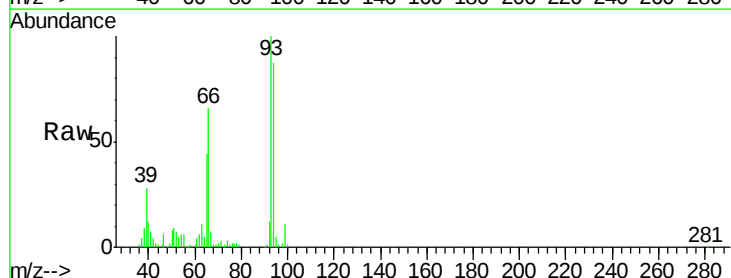
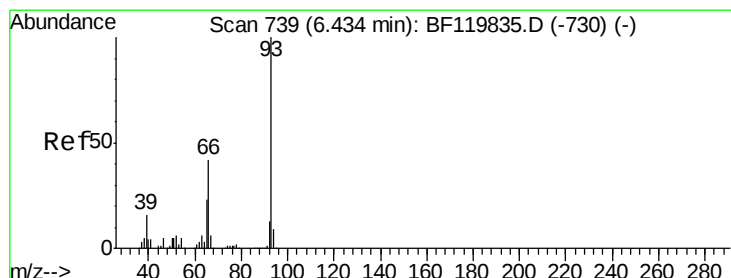
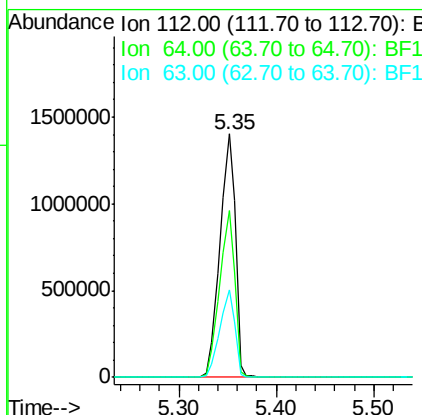
#5
2-Fluorophenol
Concen: 141.079 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1551138		
64	68.3		55.5	83.3
63	35.8		29.1	43.7

Instrument :
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ClientSampleId :
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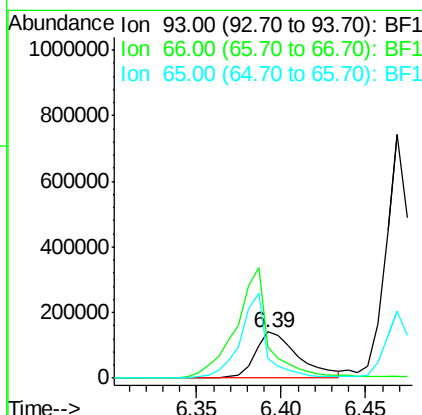
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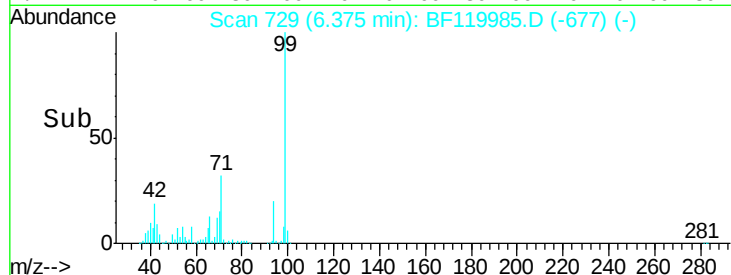
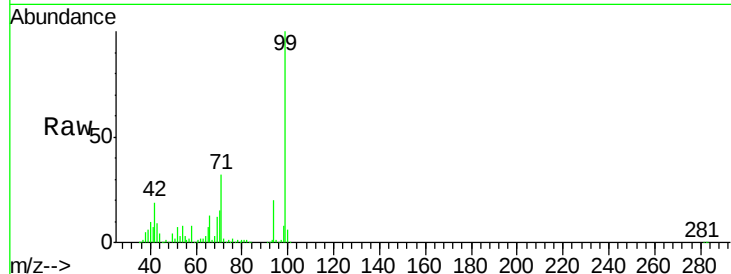
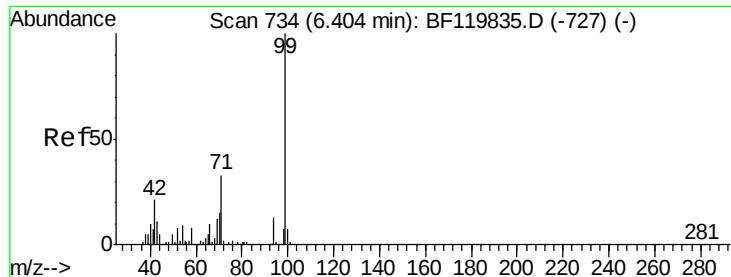
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#6
Aniline
Concen: 13.453 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	250164		
66	66.2		34.2	51.2#
65	43.6		18.3	27.5#





#7

Phenol-d6

Concen: 130.283 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Tot Ion: 99 Resp: 1845768

Ion Ratio Lower Upper

99 100

42 18.9 16.9 25.3

71 31.7 26.3 39.5

Instrument :

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ClientSampleId :

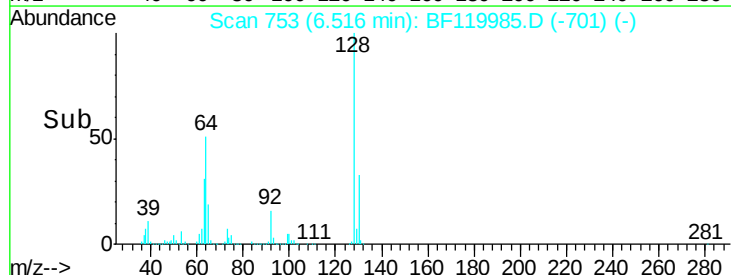
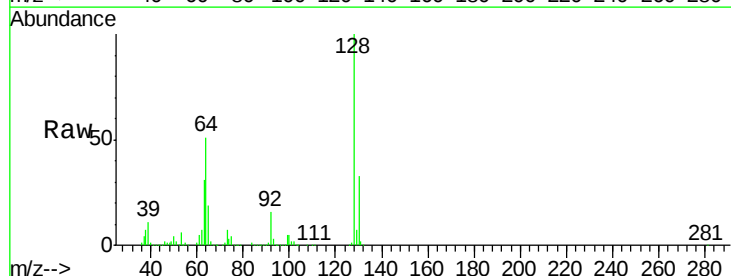
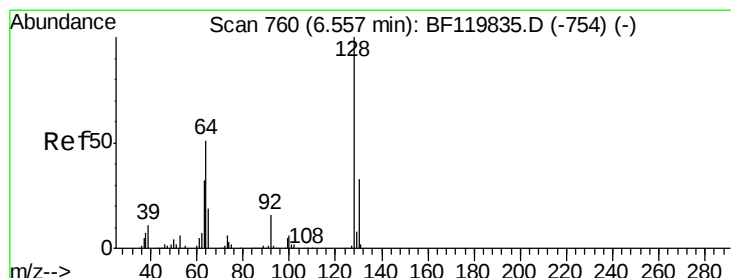
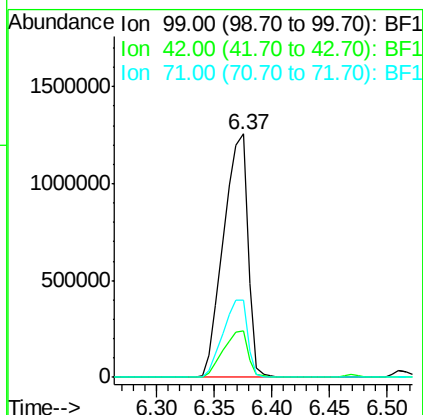
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Manual Integrations

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#8

2-Chlorophenol

Concen: 56.932 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

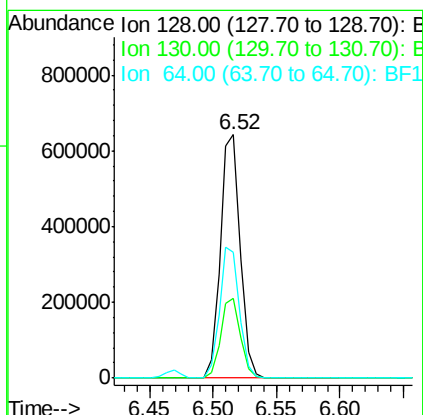
Tgt Ion: 128 Resp: 699394

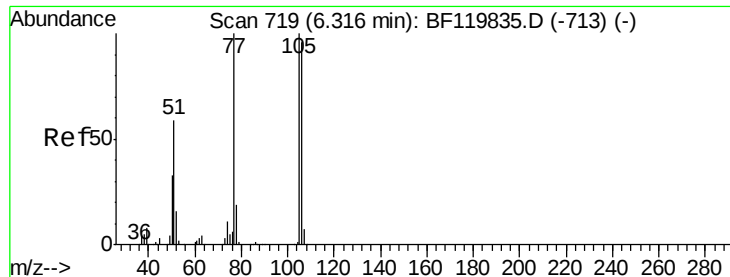
Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

64 51.5 32.0 72.0





#9

Benzaldehyde

Concen: 18.237 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

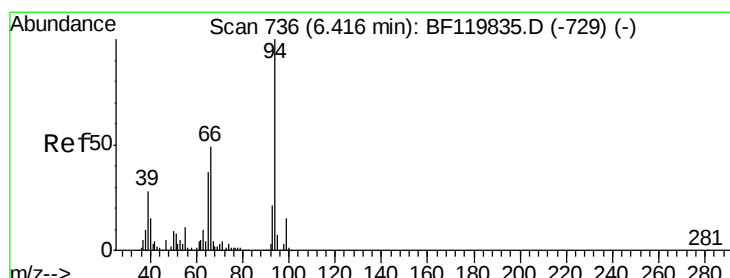
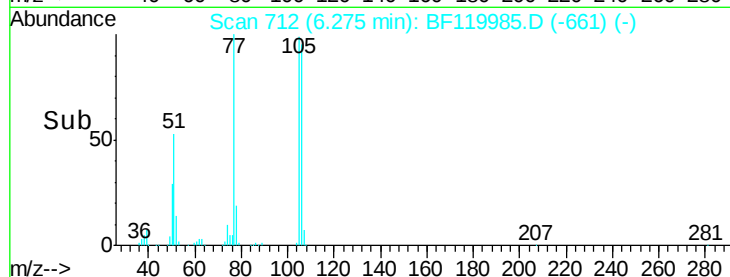
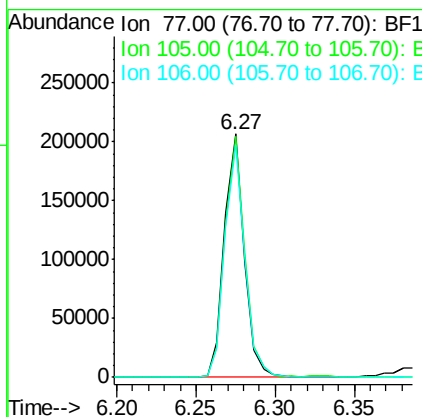
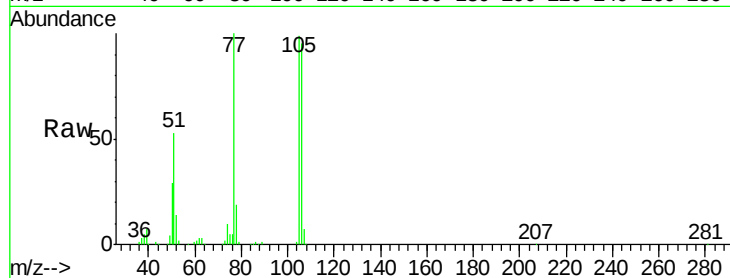
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:	77	Resp:	180991
Ion Ratio	Lower	Upper	
77	100		
105	98.9	79.9	119.9
106	95.1	76.4	116.4

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#10

Phenol

Concen: 46.218 ng

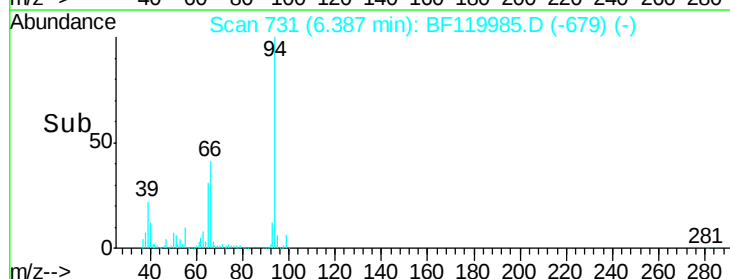
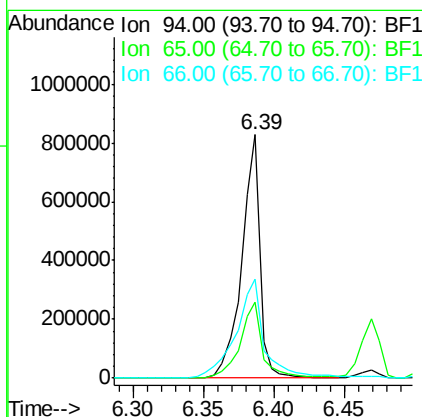
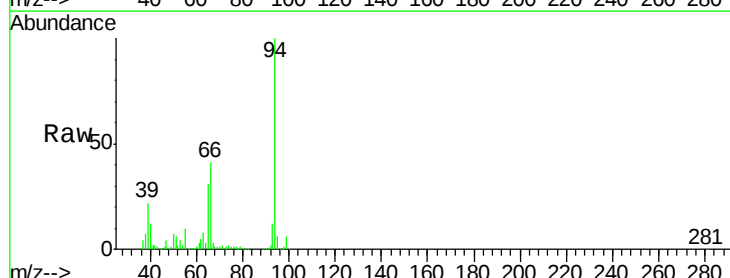
RT: 6.39 min Scan# 731

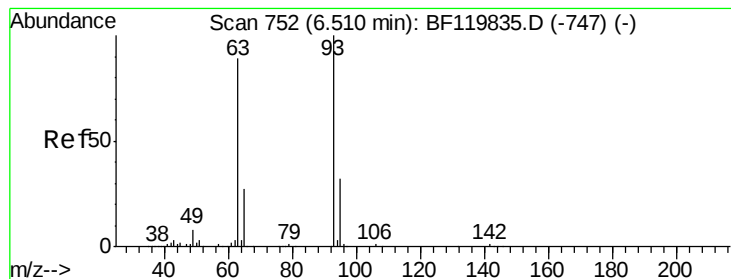
Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Tgt Ion:	94	Resp:	742858
Ion Ratio	Lower	Upper	
94	100		
65	31.4	16.6	56.6
66	40.7	29.3	69.3





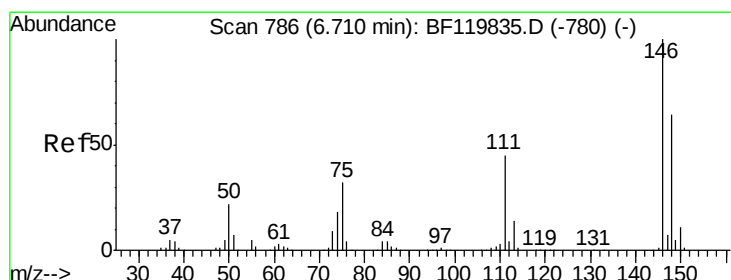
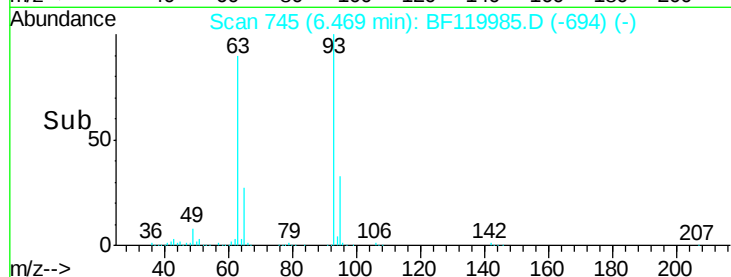
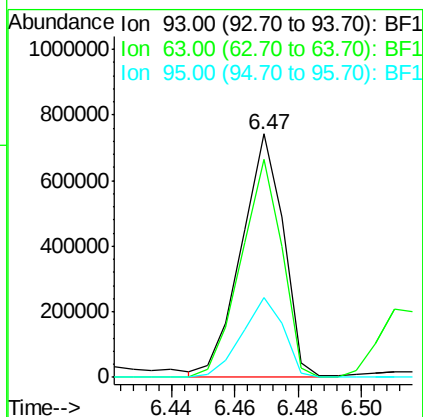
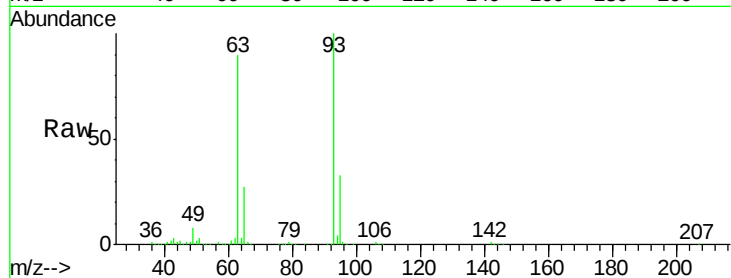
#11
bis(2-Chloroethyl)ether
Concen: 55.152 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	69.1	109.1
95	32.6	12.3	52.3

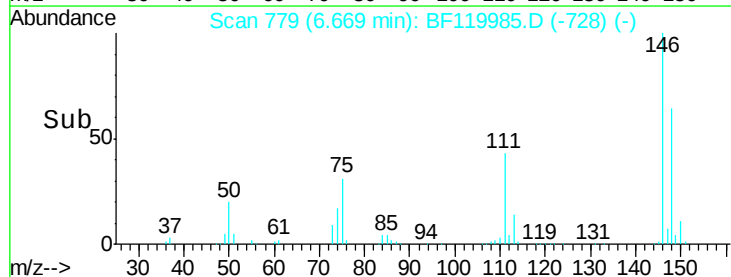
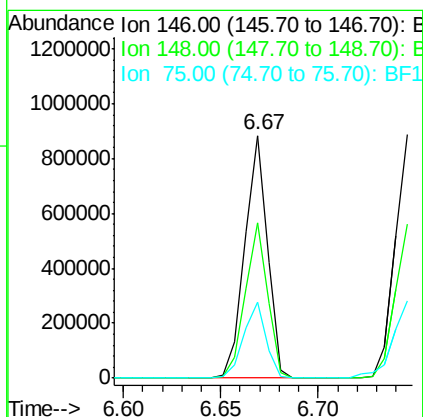
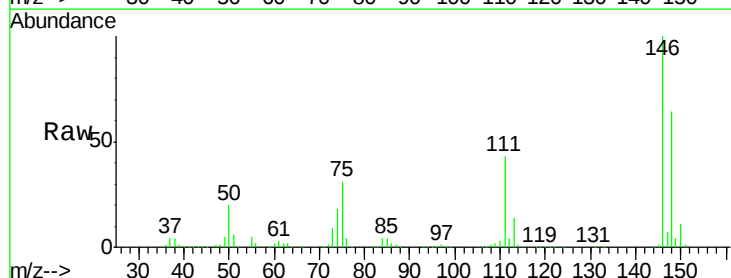
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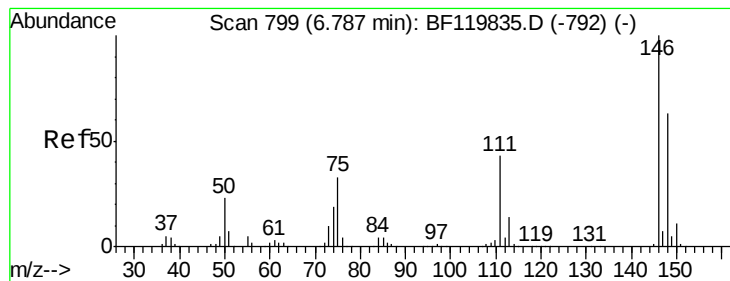
mohammad
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#12
1,3-Dichlorobenzene
Concen: 53.046 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	31.1	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 52.206 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

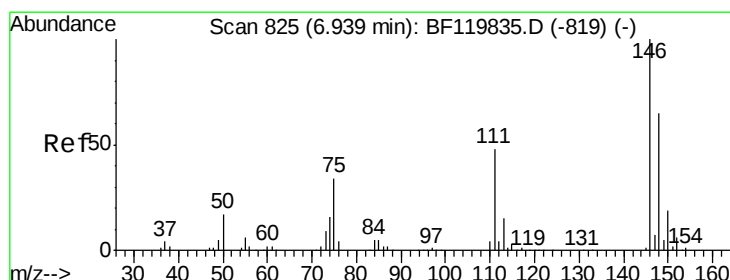
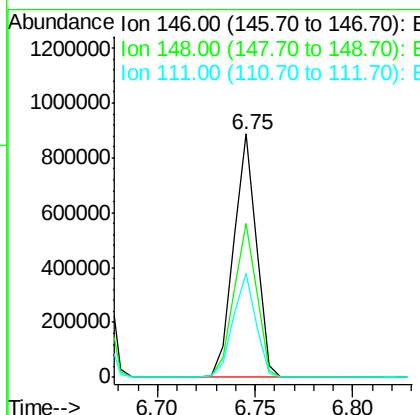
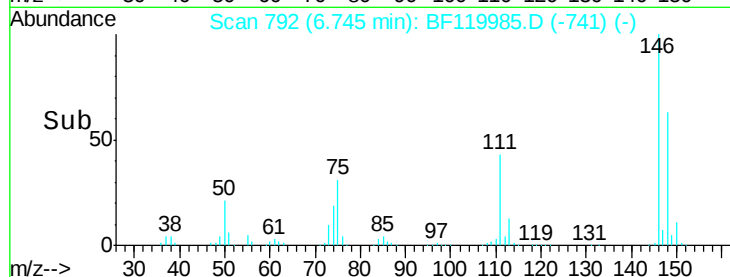
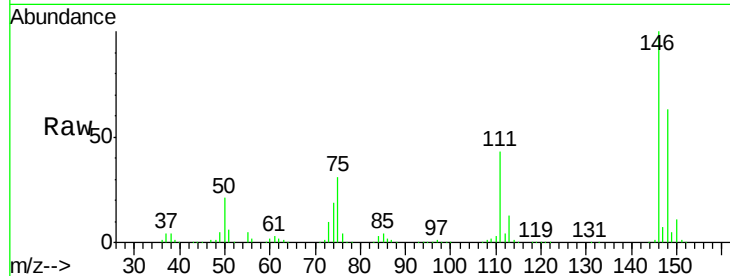
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:	146	Resp:	715242
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.5	75.7
111	42.5	34.7	52.1

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#14

1,2-Dichlorobenzene

Concen: 52.416 ng

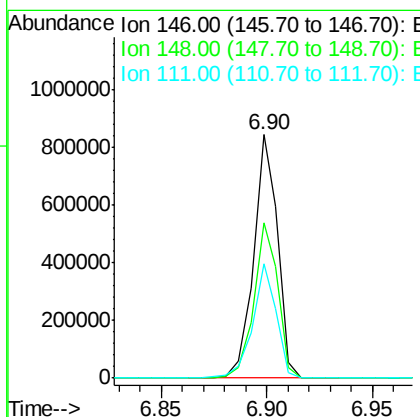
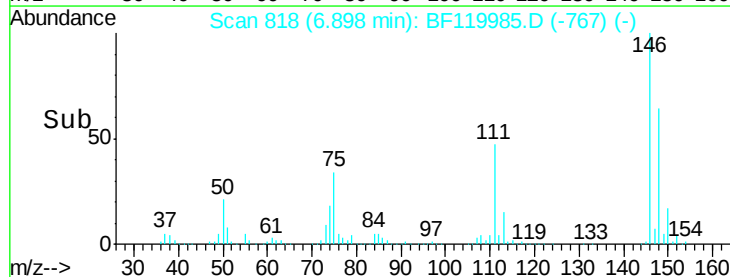
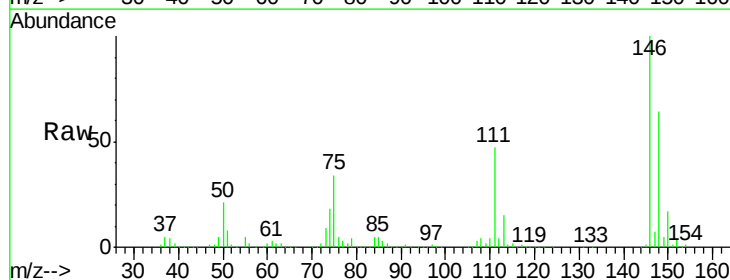
RT: 6.90 min Scan# 818

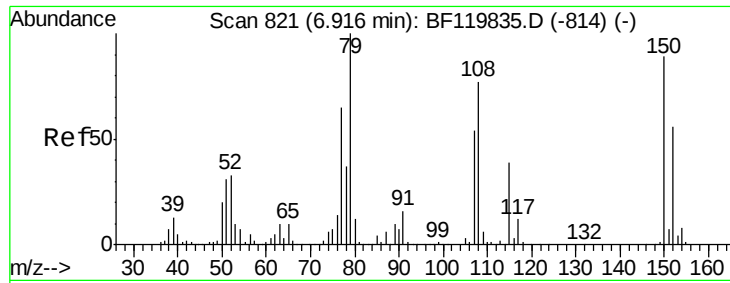
Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Tgt Ion:	146	Resp:	661808
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.8
111	47.0	38.0	57.0





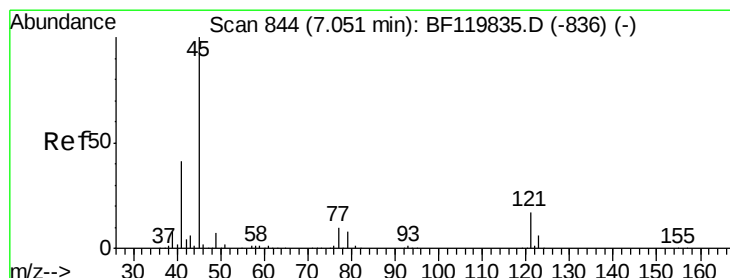
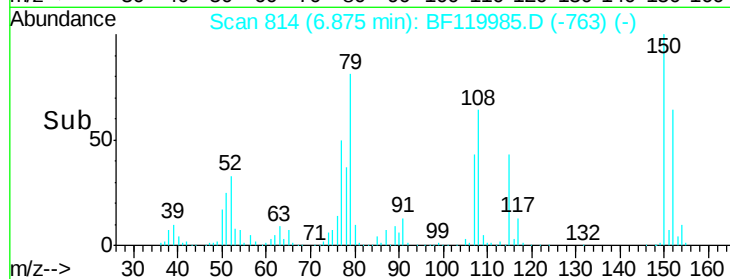
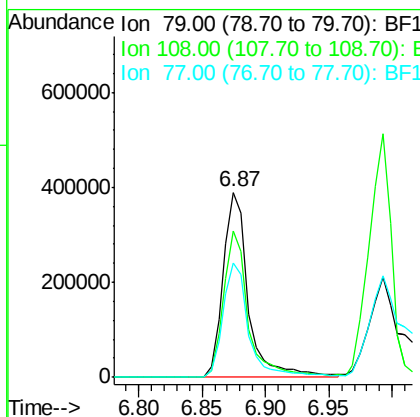
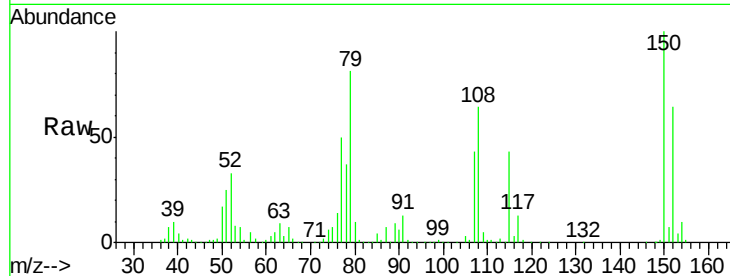
#15
Benzyl Alcohol
Concen: 49.043 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion: 79 Resp: 539663
Ion Ratio Lower Upper
79 100
108 78.7 62.0 93.0
77 62.1 51.8 77.6

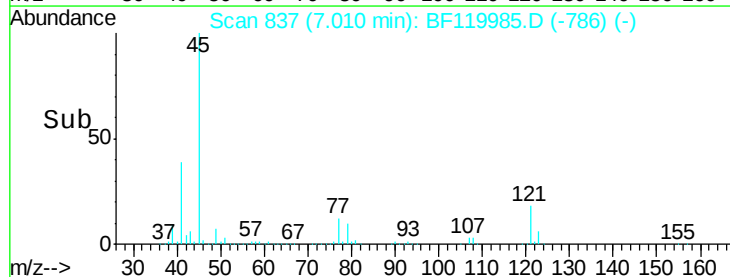
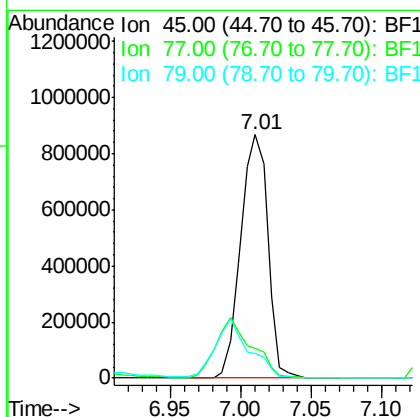
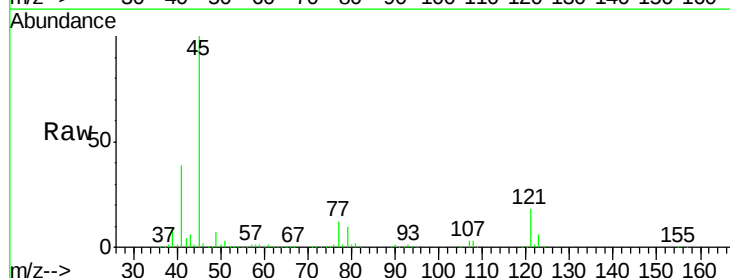
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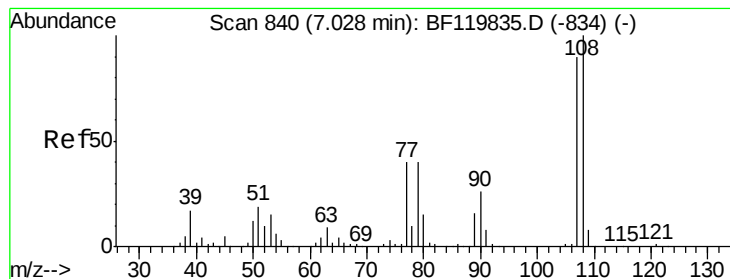
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.345 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion: 45 Resp: 1167486
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.7
79 10.4 0.0 28.6





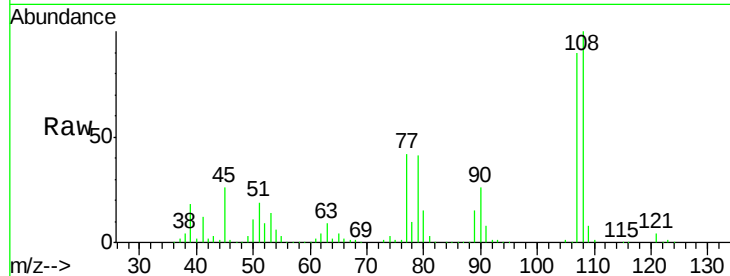
#17
2-Methylphenol
Concen: 51.248 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

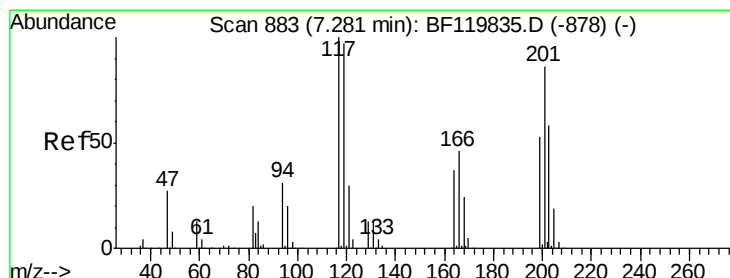
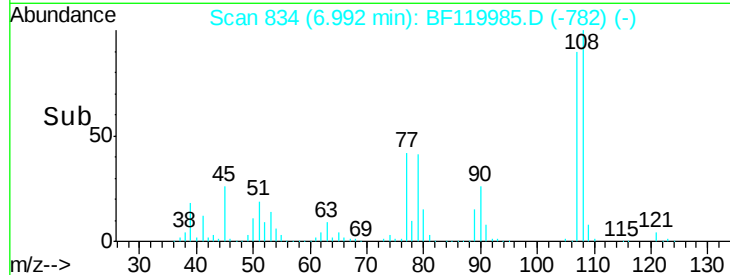
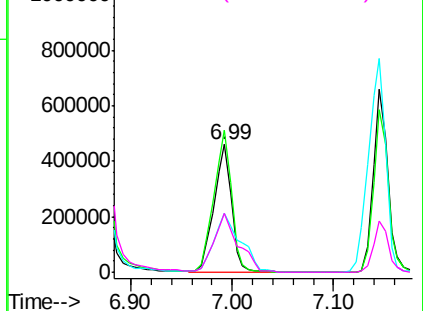
Tot Ion:	107	Resp:	561845
Ion Ratio	Lower	Upper	
107	100		
108	111.2	88.8	133.2
77	46.5	36.0	54.0
79	45.8	35.7	53.5

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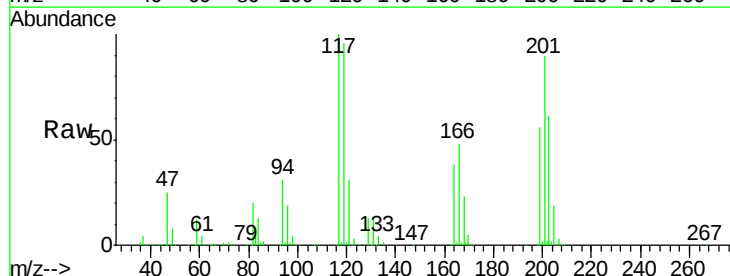


Abundance Ion 107.00 (106.70 to 107.70): E
1200000
Ion 108.00 (107.70 to 108.70): E
1000000
Ion 77.00 (76.70 to 77.70): BF1
800000
Ion 79.00 (78.70 to 79.70): BF1
600000
400000
200000
0

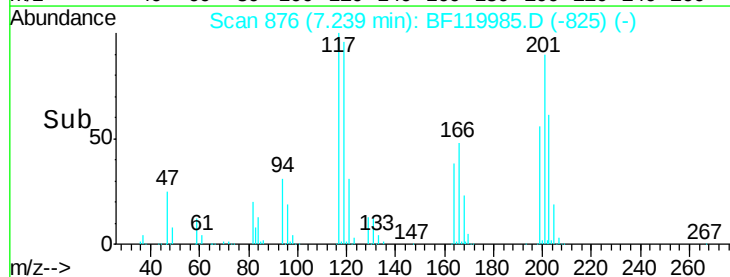
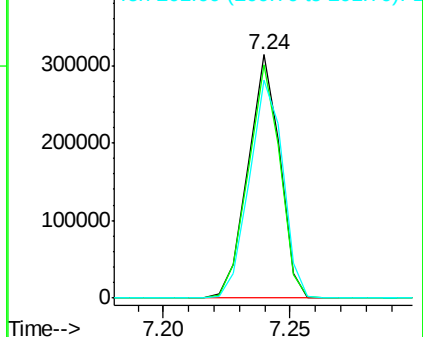


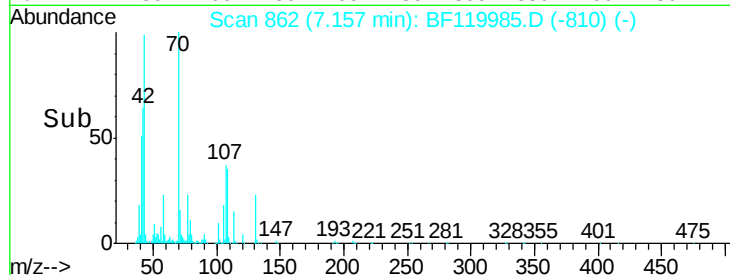
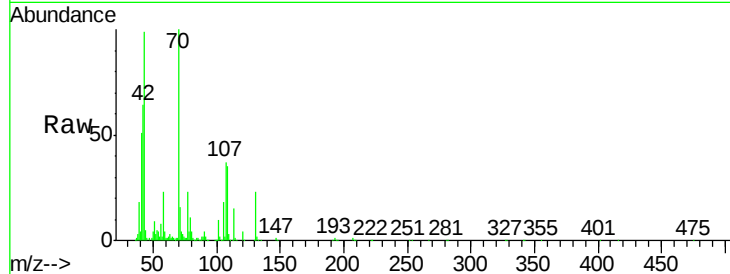
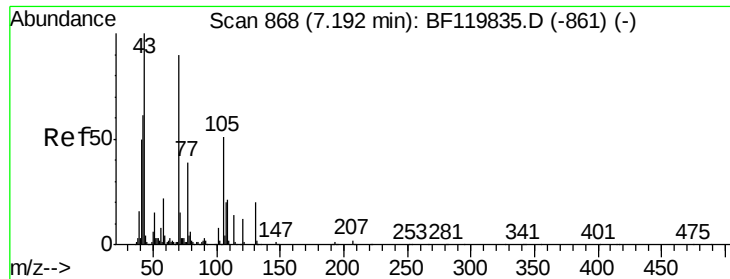
#18
Hexachloroethane
Concen: 53.525 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion:	117	Resp:	274058
Ion Ratio	Lower	Upper	
117	100		
119	95.9	77.4	116.0
201	89.7	68.4	102.6



Abundance Ion 117.00 (116.70 to 117.70): E
400000
Ion 119.00 (118.70 to 119.70): E
300000
Ion 201.00 (200.70 to 201.70): E
200000
100000
0





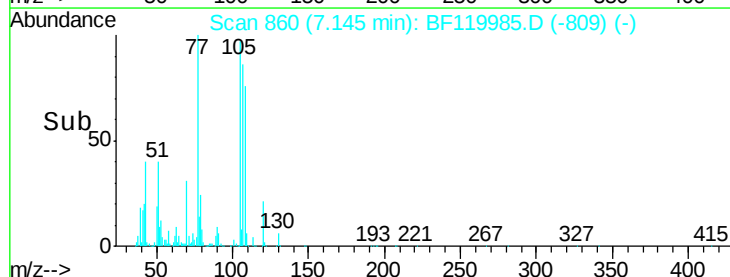
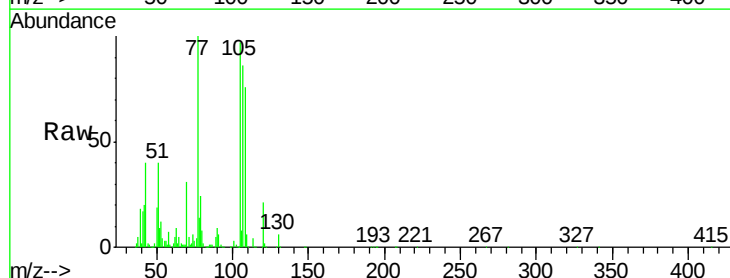
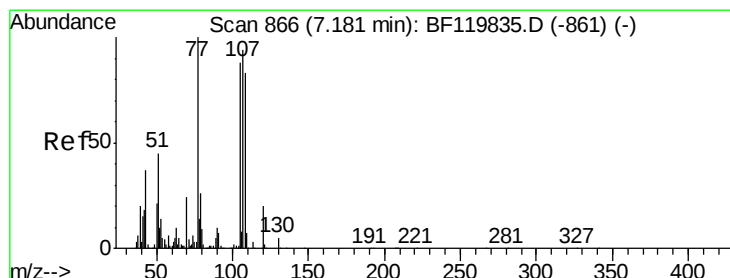
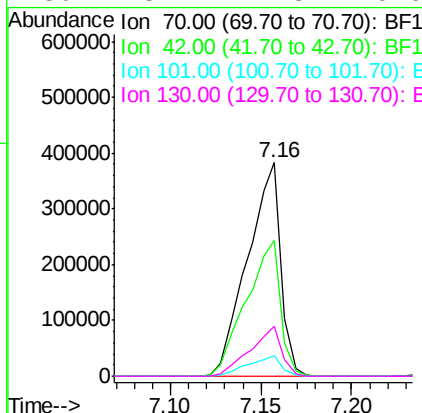
#19
n-Nitroso-di-n-propylamine
Concen: 53.596 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.8	54.2	81.4
101	9.5	7.4	11.2
130	23.4	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

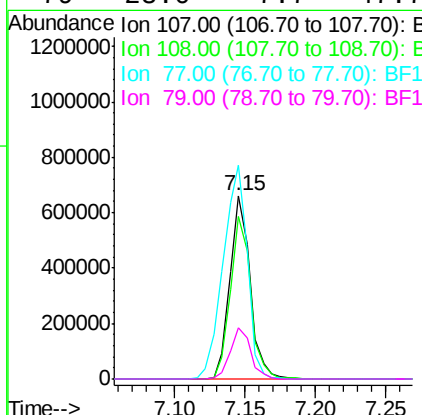
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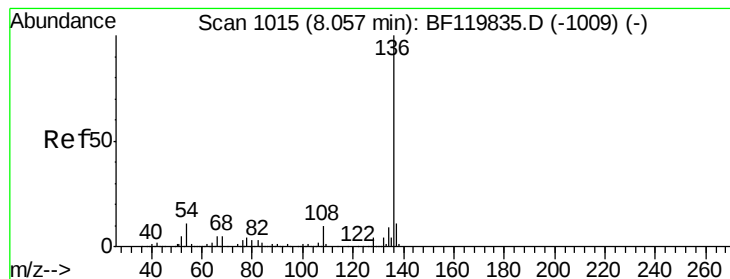
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#20
3+4-Methylphenols
Concen: 49.139 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	116.5	86.6	126.6
79	28.0	7.7	47.7





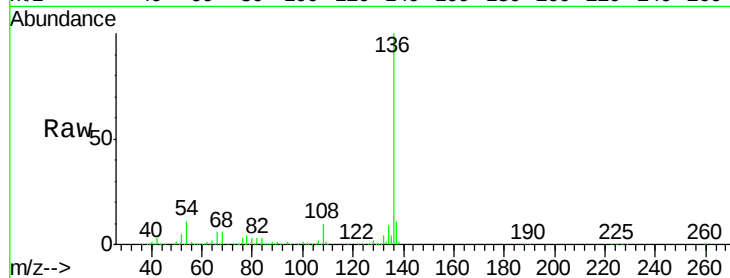
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	737429		
137	11.2	8.7	13.1	
54	10.7	8.5	12.7	
68	6.0	3.9	5.9#	

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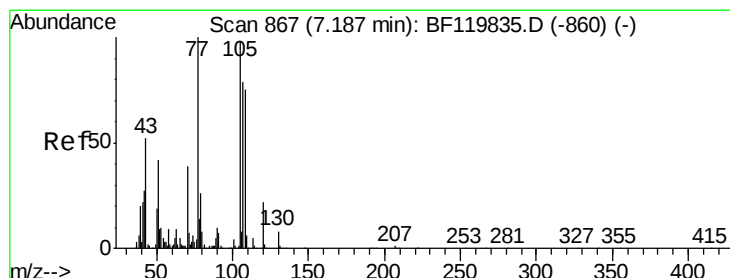
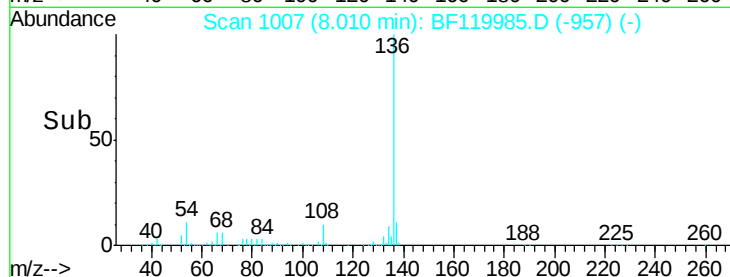
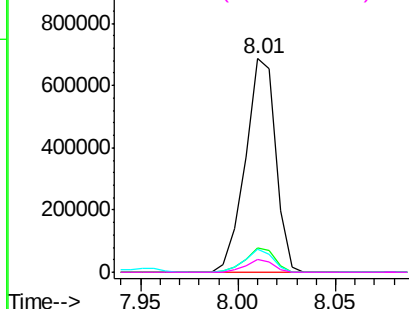
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 53.986 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	932243		
71	5.4	5.6	8.4#	
51	41.7	33.9	50.9	
120	22.2	17.8	26.8	

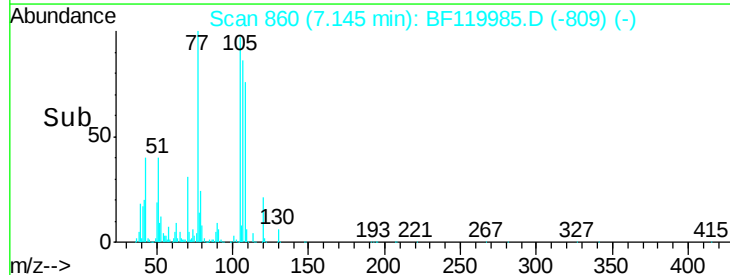
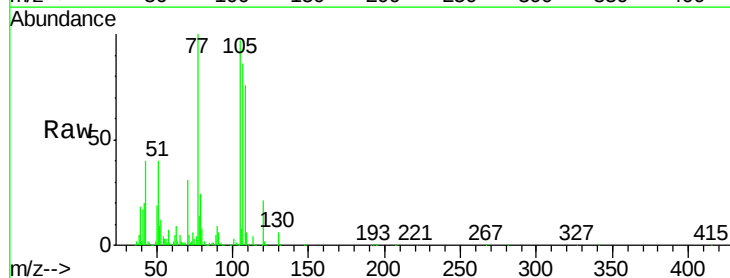
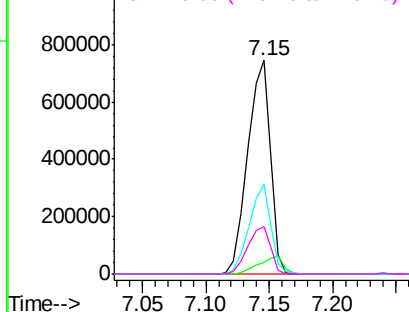
Abundance

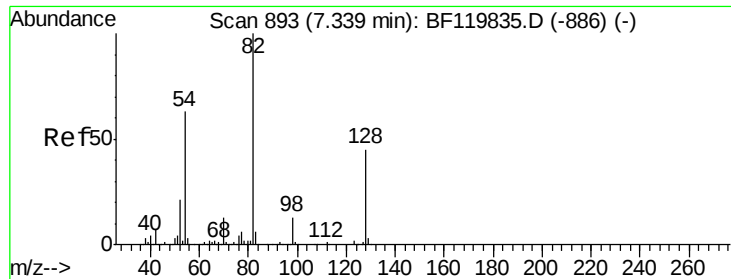
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





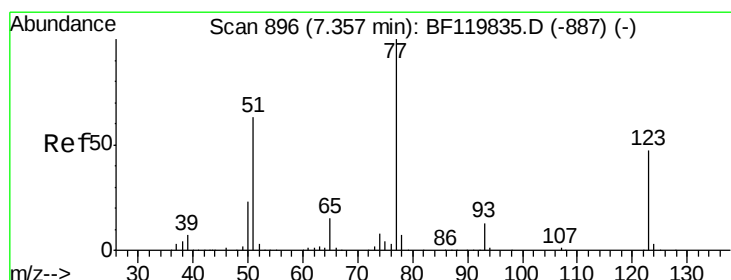
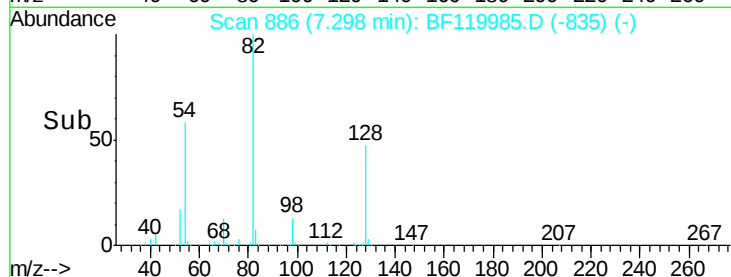
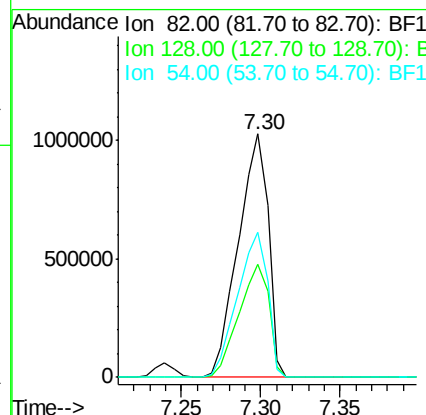
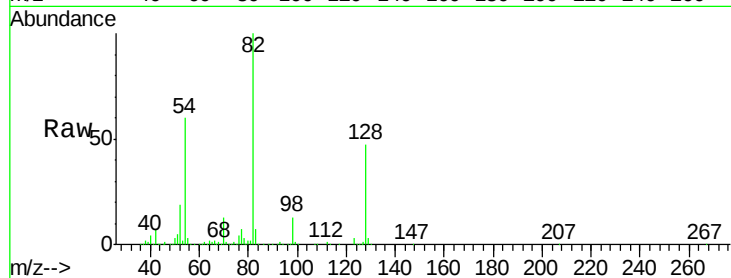
#23
 Nitrobenzene-d5
 Concen: 93.644 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion: 82 Resp: 1334830
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.2 54.4
 54 59.8 50.4 75.6

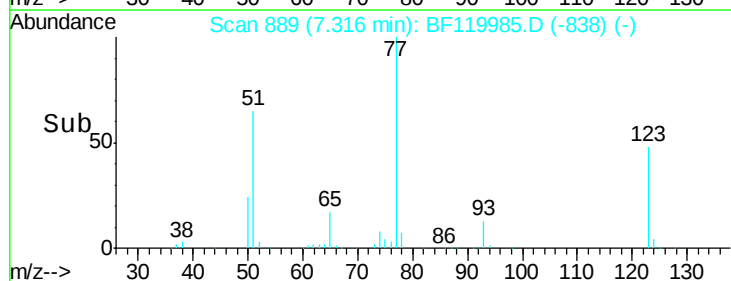
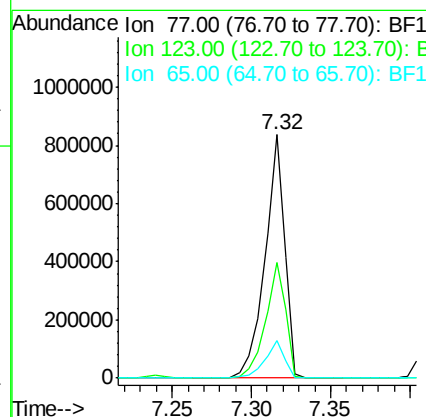
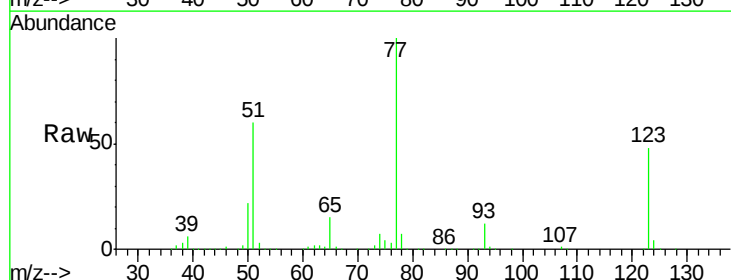
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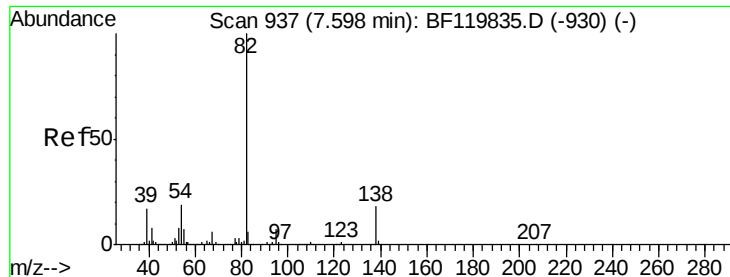
mohammad
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#24
 Nitrobenzene
 Concen: 51.004 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Tgt Ion: 77 Resp: 731365
 Ion Ratio Lower Upper
 77 100
 123 47.7 37.8 56.8
 65 15.4 12.2 18.2





#25

Isophorone

Concen: 50.245 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion: 82 Resp: 1380645

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

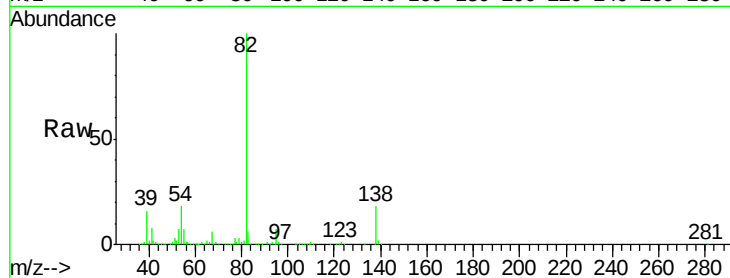
138 17.9 14.5 21.7

Manual Integrations

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mohammad

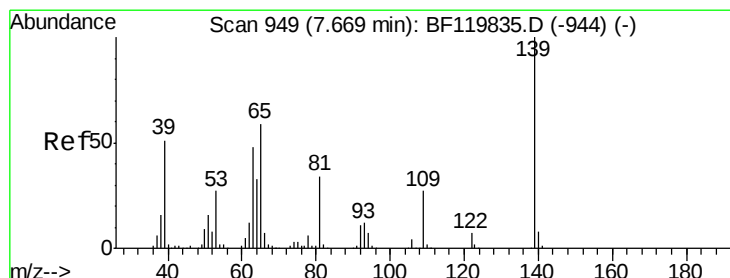
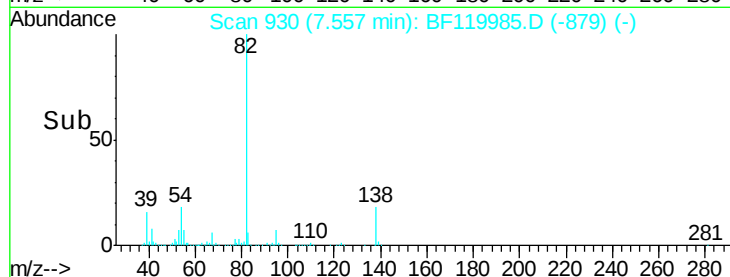
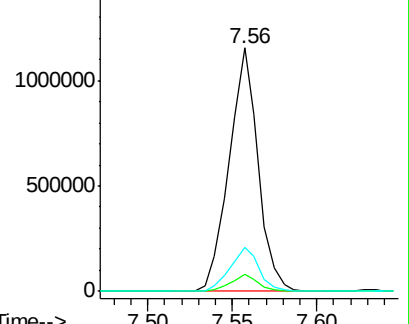
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.544 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

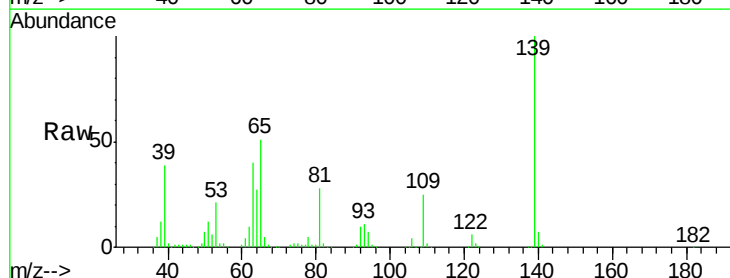
Tgt Ion: 139 Resp: 383590

Ion Ratio Lower Upper

139 100

109 25.5 21.8 32.6

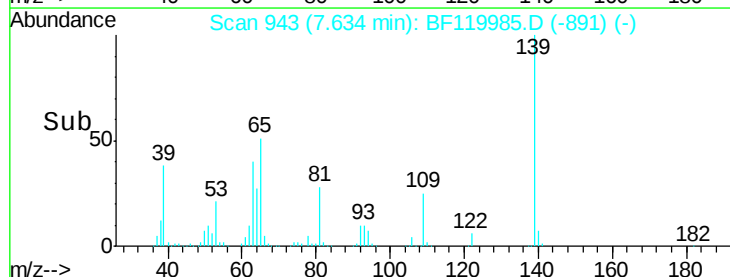
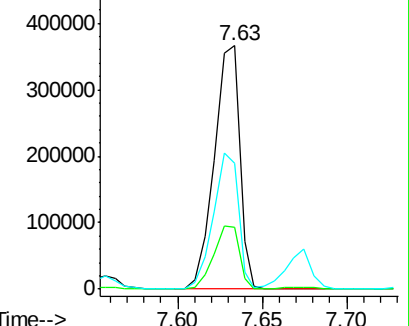
65 51.4 47.0 70.4

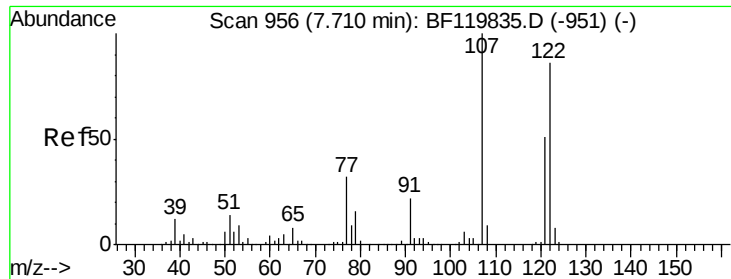


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 54.309 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

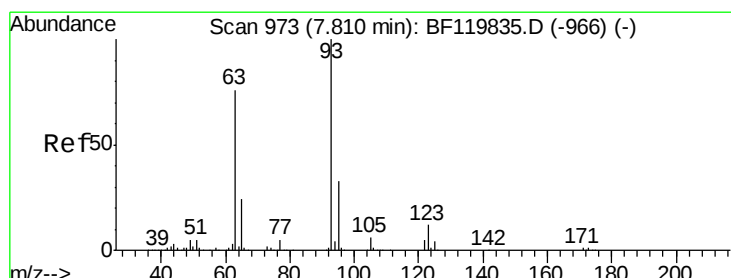
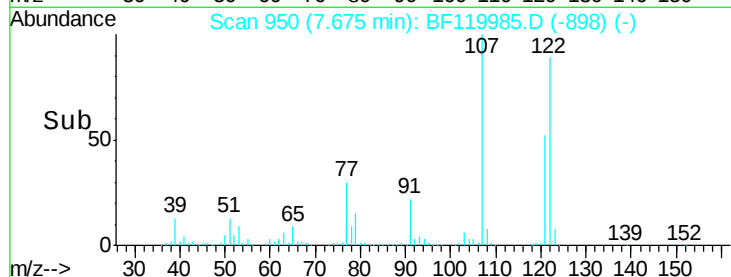
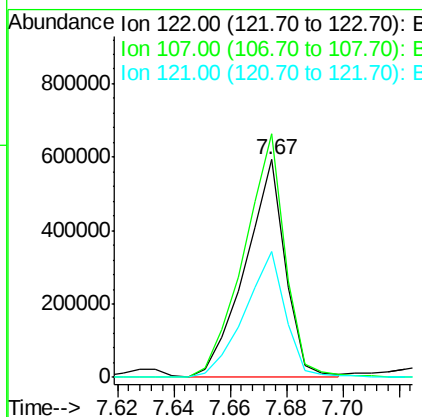
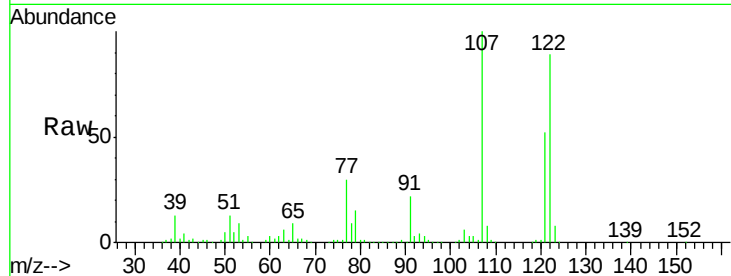
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:	122	Resp:	586788
Ion Ratio	Lower	Upper	
122	100		
107	111.9	92.3	138.5
121	57.9	46.6	70.0

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 53.431 ng

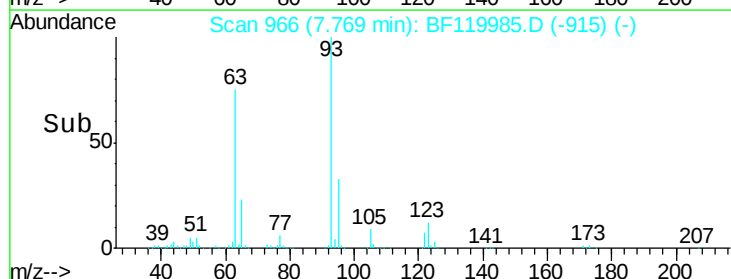
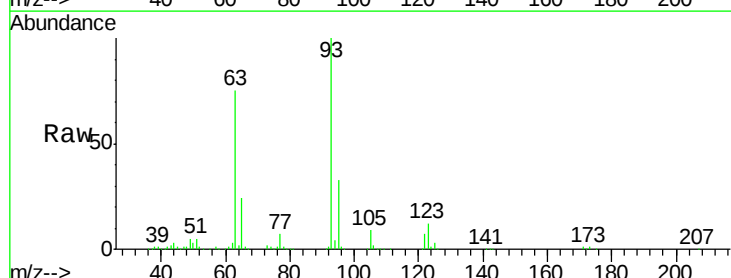
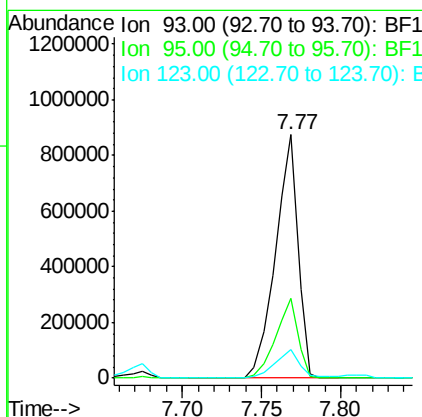
RT: 7.77 min Scan# 966

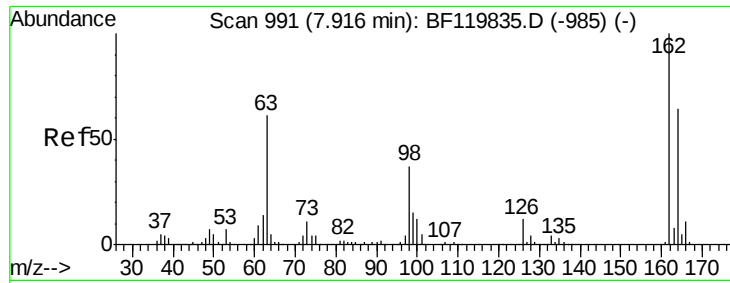
Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Tgt Ion:	93	Resp:	863943
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.4	39.6
123	12.0	9.7	14.5





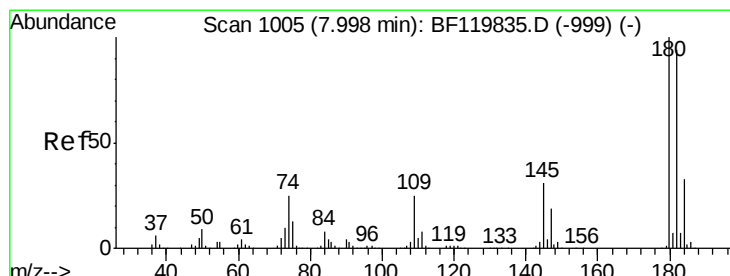
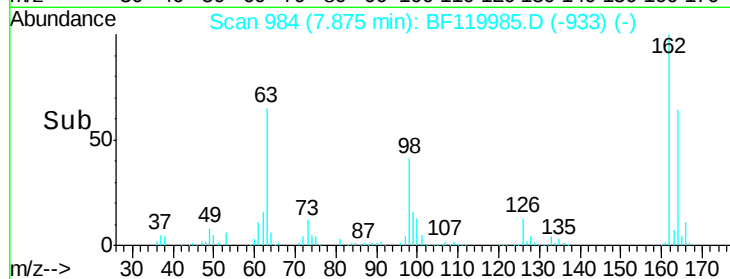
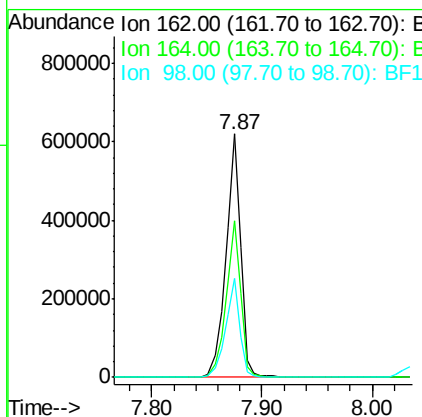
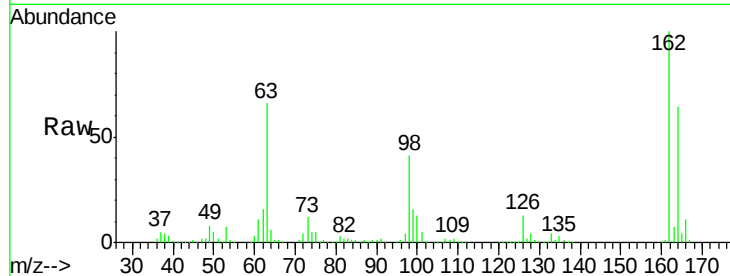
#29
2,4-Dichlorophenol
Concen: 52.125 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:	162	Resp:	577280
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.4	84.4
98	40.5	17.3	57.3

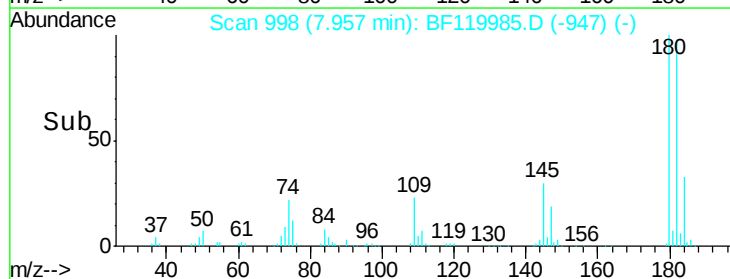
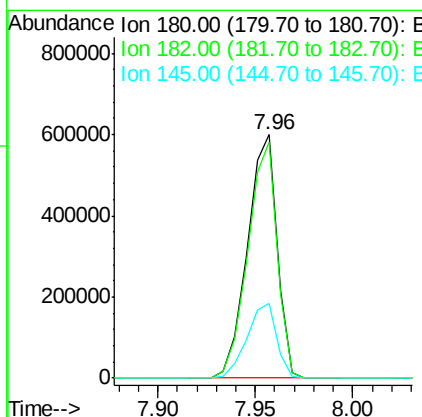
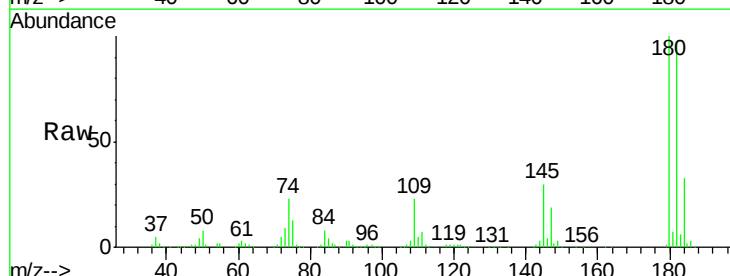
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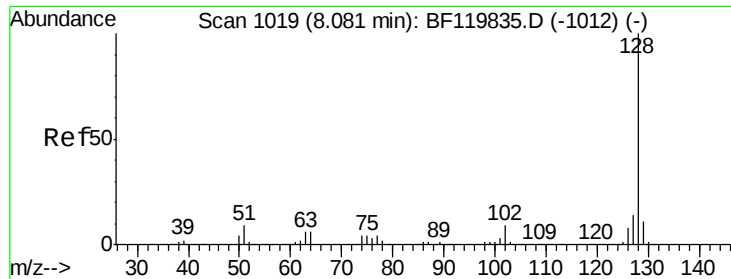
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 50.188 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion:	180	Resp:	629794
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.4	113.0
145	30.5	24.6	37.0





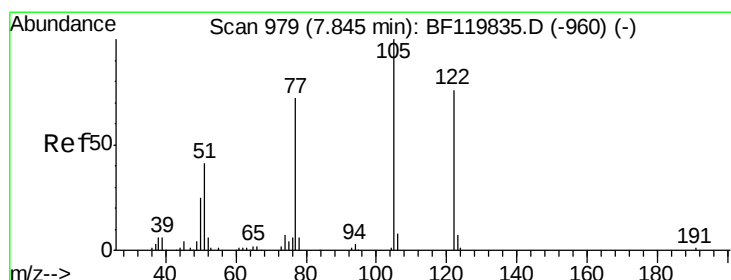
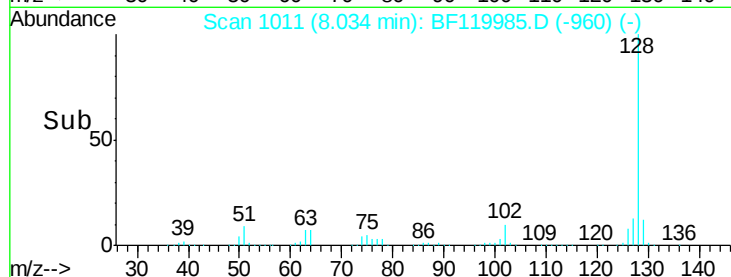
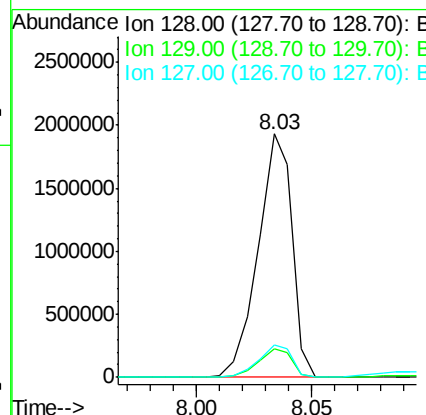
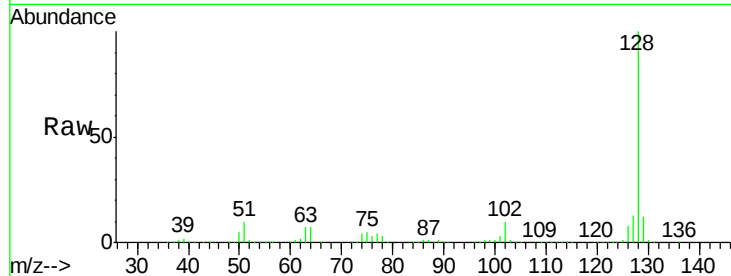
#31
Naphthalene
Concen: 50.968 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:128 Resp: 1977455
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 11.0 16.4

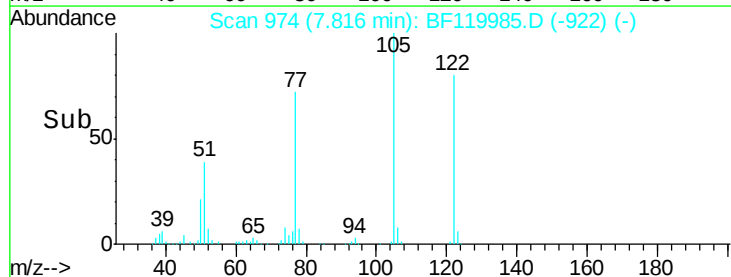
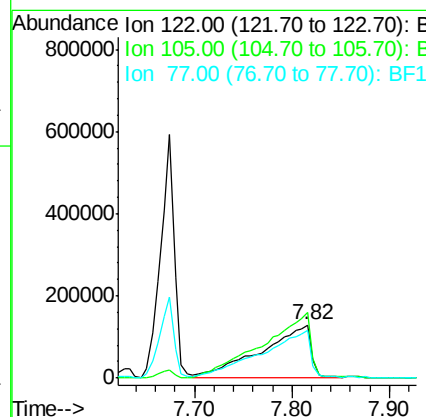
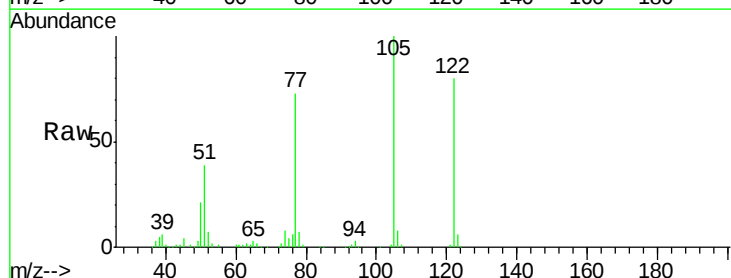
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#32
Benzoic acid
Concen: 47.075 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion:122 Resp: 446698
Ion Ratio Lower Upper
122 100
105 124.3 106.7 146.7
77 91.2 72.1 112.1





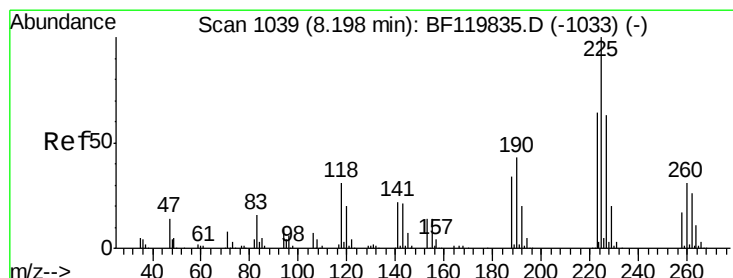
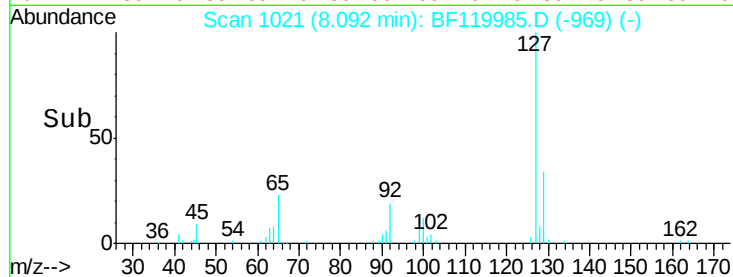
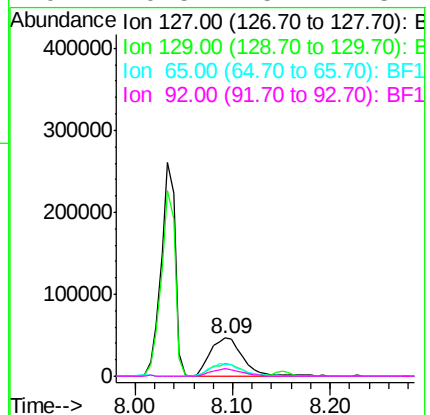
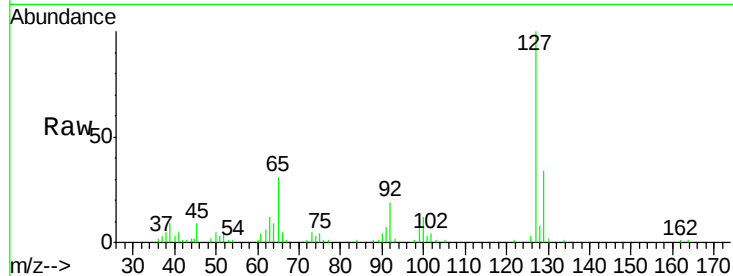
#33
4-Chloroaniline
Concen: 6.326 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.2	26.2	39.2	
65	30.7	28.3	42.5	
92	19.5	15.4	23.2	

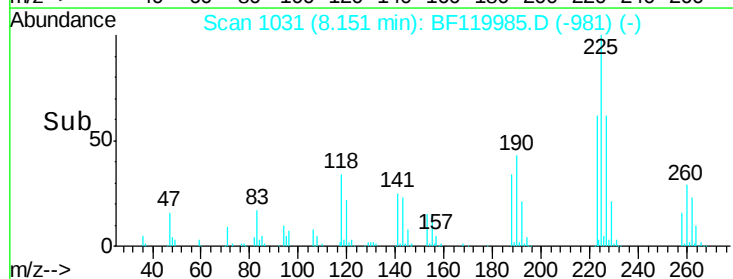
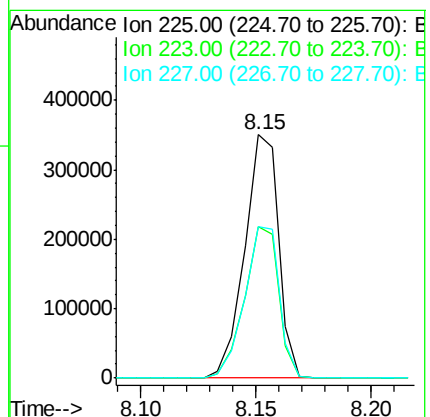
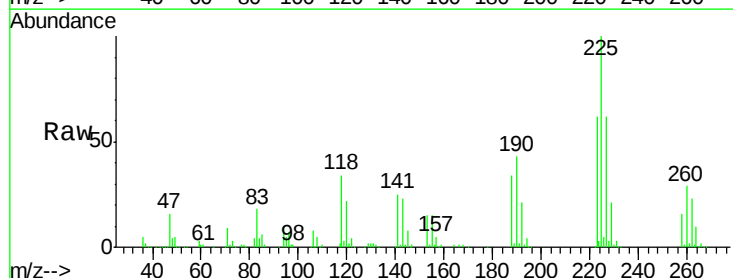
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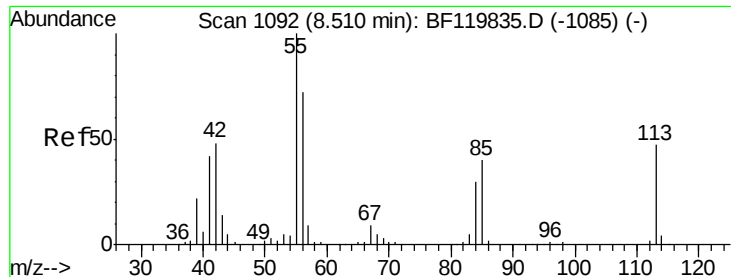
mohammad
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#34
Hexachlorobutadiene
Concen: 47.930 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	51.0	76.6	
227	62.2	50.4	75.6	





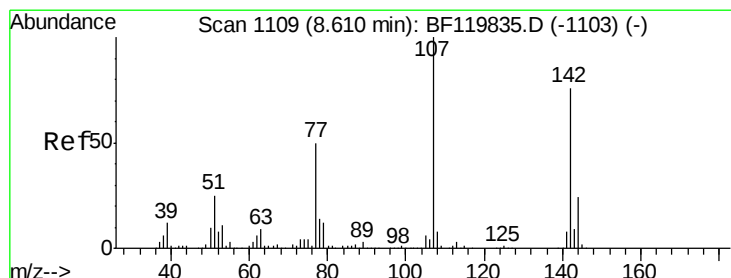
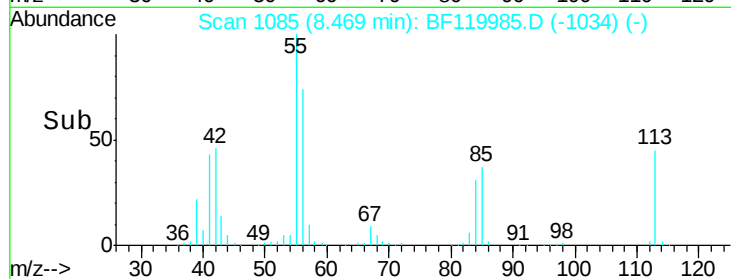
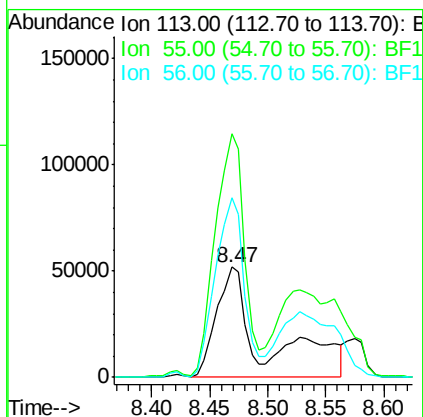
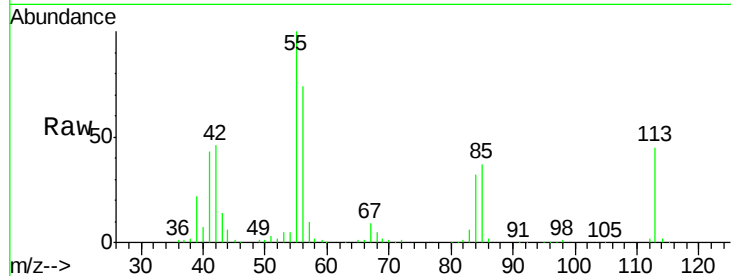
#35
 Caprolactam
 Concen: 44.211 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion: 113 Resp: 149777
 Ion Ratio Lower Upper
 113 100
 55 220.9 192.7 232.7
 56 162.9 133.3 173.3

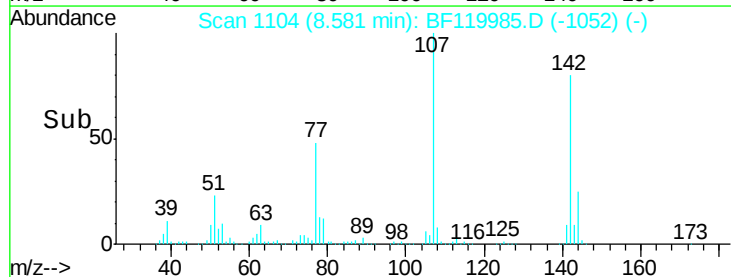
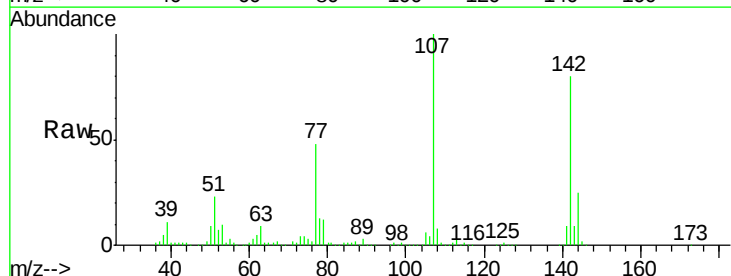
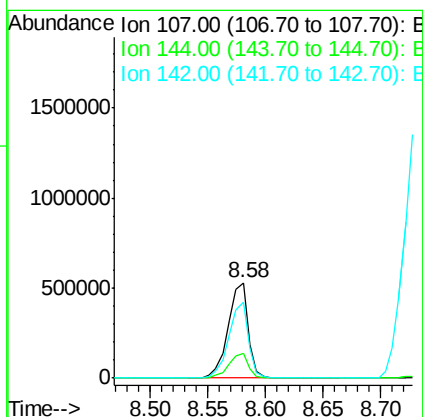
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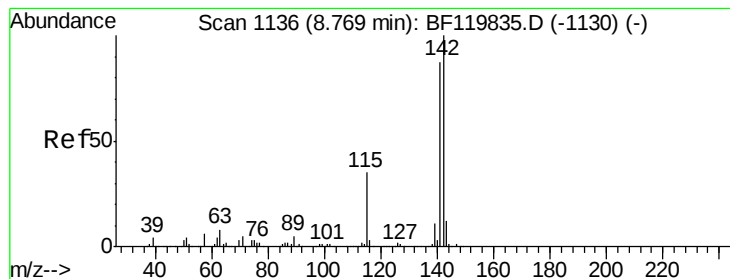
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 52.849 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Tgt Ion: 107 Resp: 633684
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.5 29.3
 142 79.8 60.5 90.7





#37

2-Methylnaphthalene

Concen: 52.101 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:142 Resp: 1370458

Ion Ratio Lower Upper

142 100

141 88.6 69.9 104.9

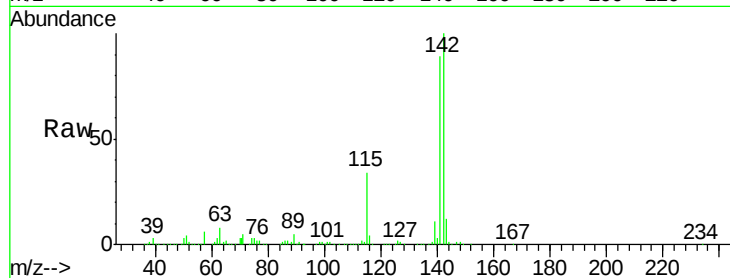
115 34.2 28.0 42.0

Manual Integrations

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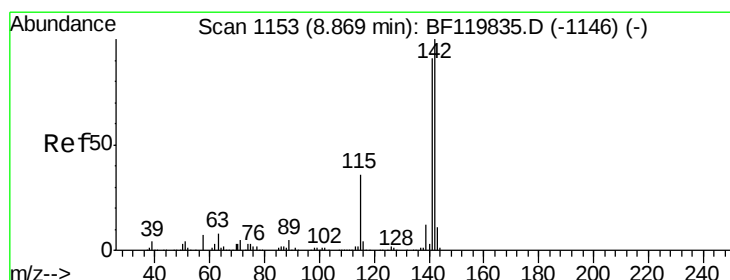
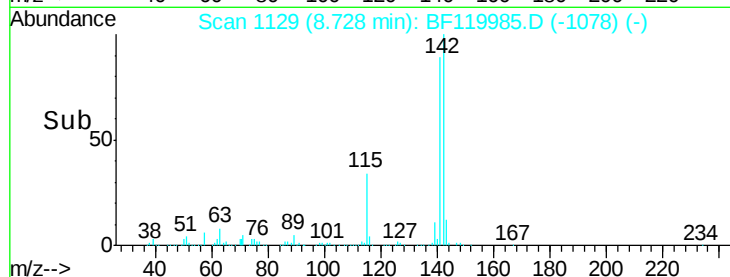
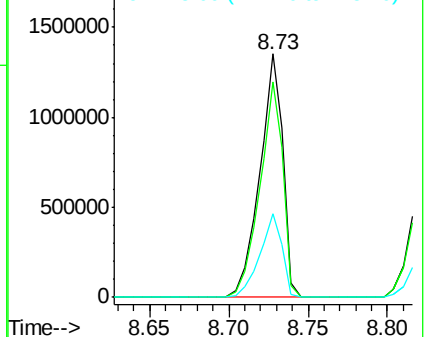
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.354 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

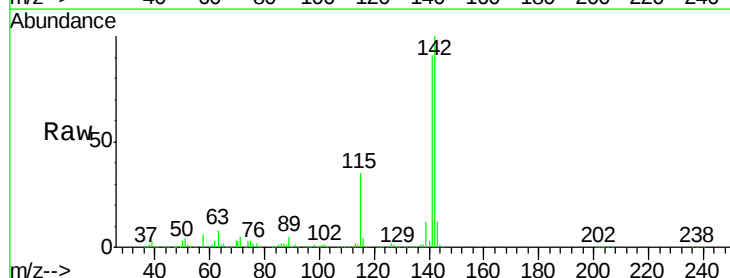
Tgt Ion:142 Resp: 1273199

Ion Ratio Lower Upper

142 100

141 91.5 72.9 109.3

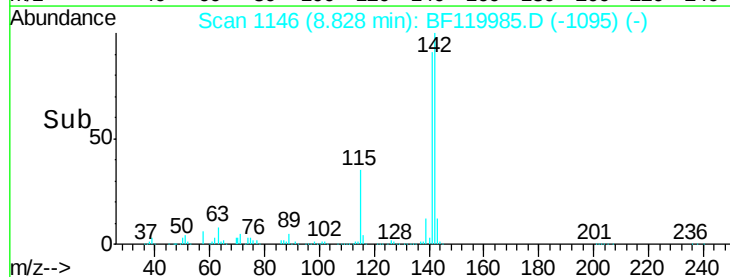
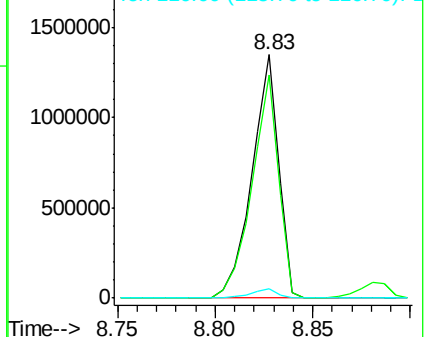
116 3.7 3.0 4.6

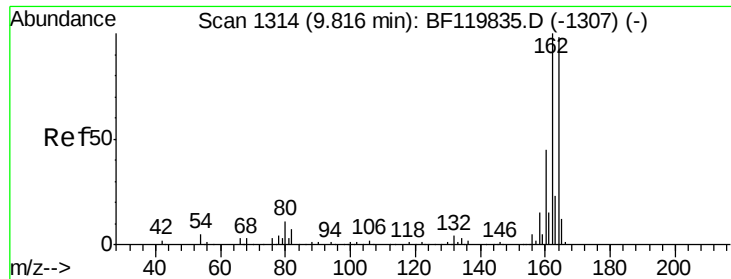


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





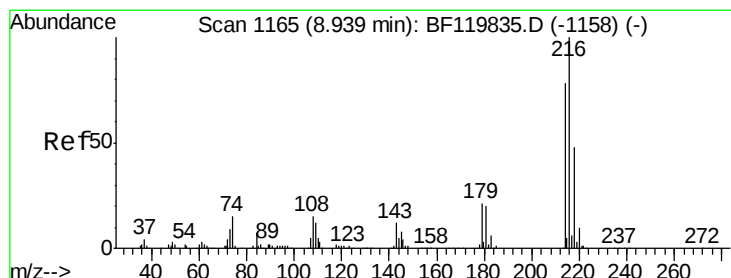
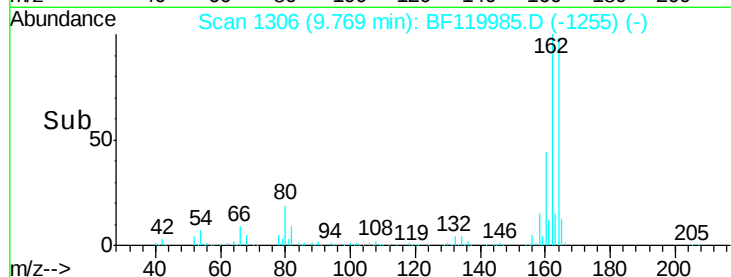
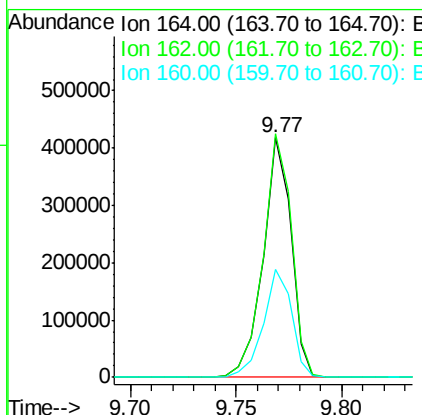
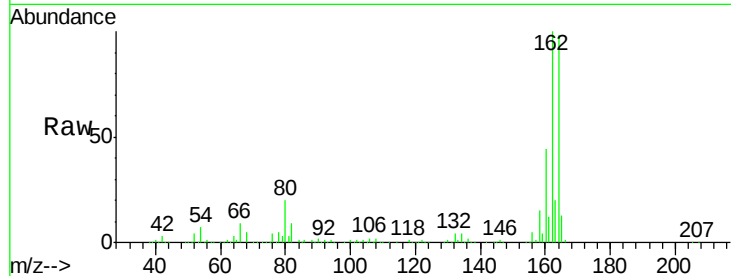
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	81.9	122.9	
160	45.1	36.6	54.8	

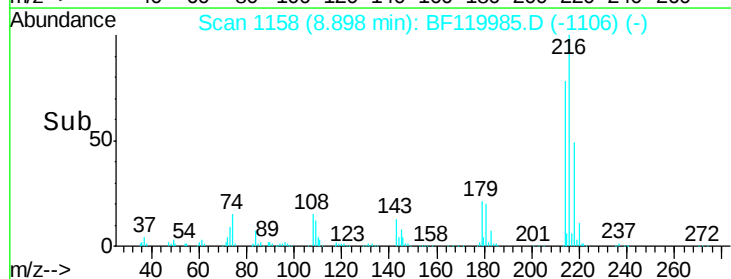
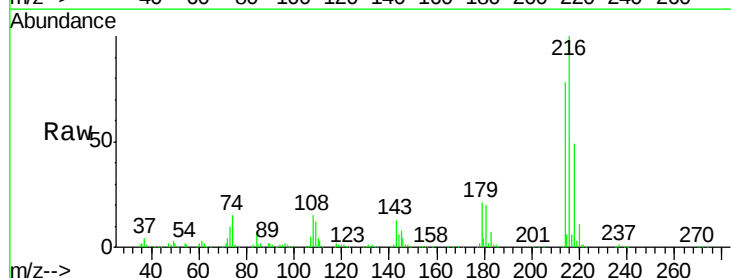
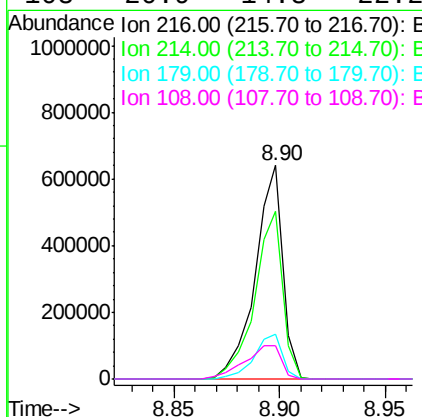
Manual Integrations
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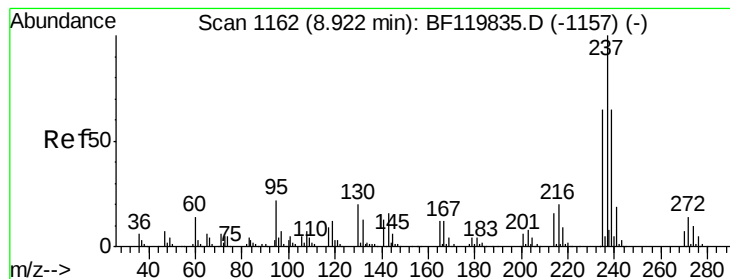
mohammad
 4/16/2020 12:52:34 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.678 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.1	94.7	
179	21.6	17.0	25.4	
108	20.9	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 105.474 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

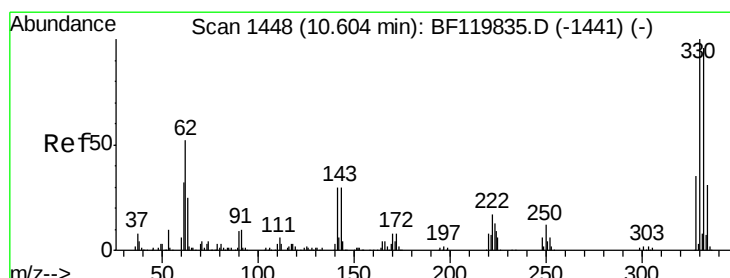
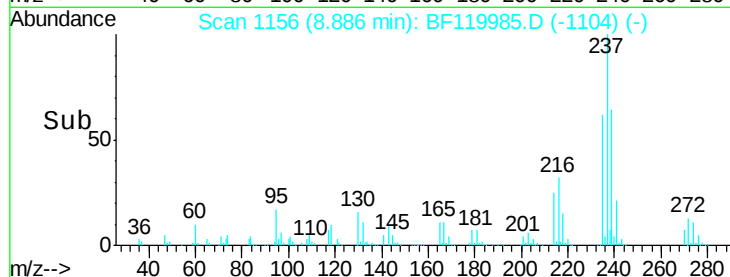
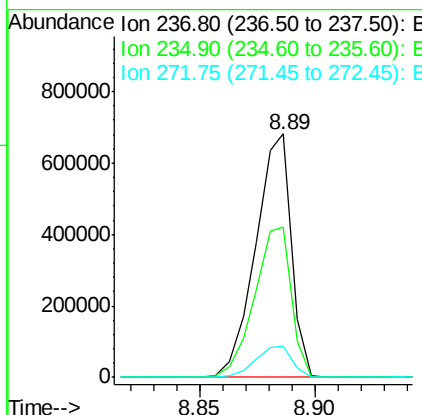
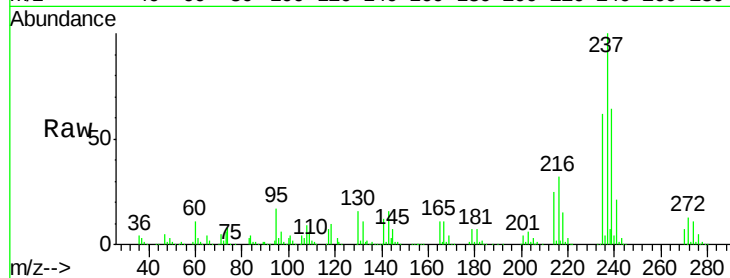
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:	237	Resp:	733714
Ion Ratio	Lower	Upper	
237	100		
235	61.7	44.9	84.9
272	13.1	0.0	33.6

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#42

2,4,6-Tribromophenol

Concen: 123.187 ng

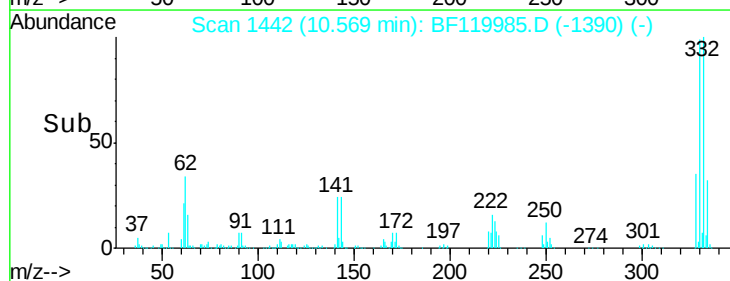
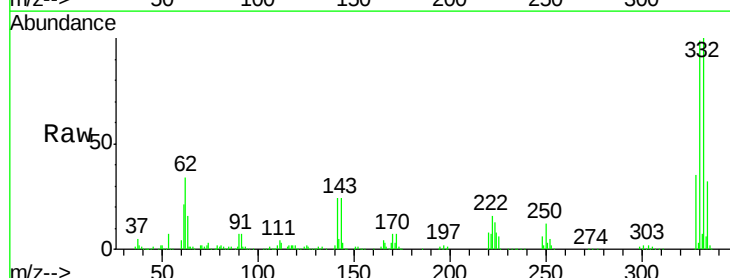
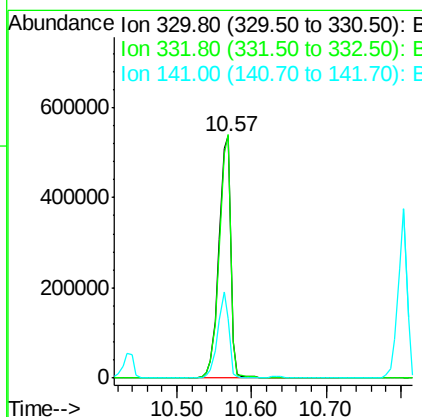
RT: 10.57 min Scan# 1442

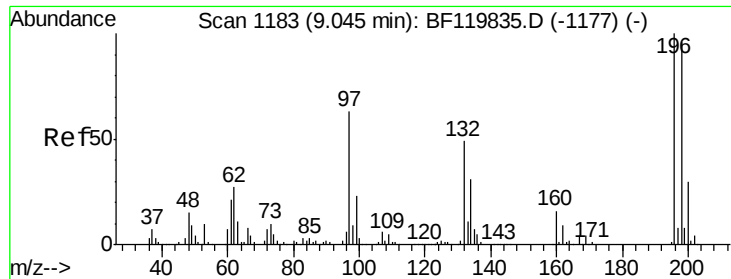
Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Tgt Ion:	330	Resp:	584176
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.8	115.2
141	33.6	25.1	37.7





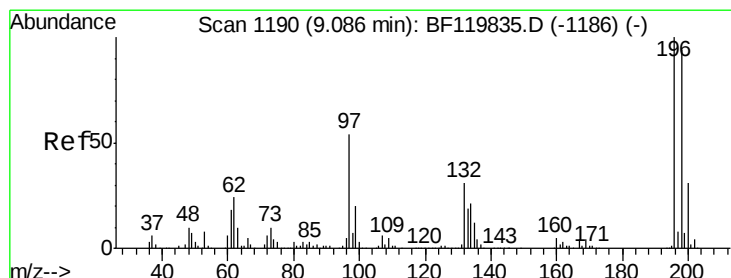
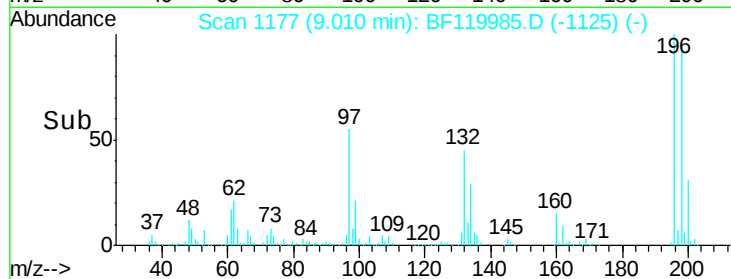
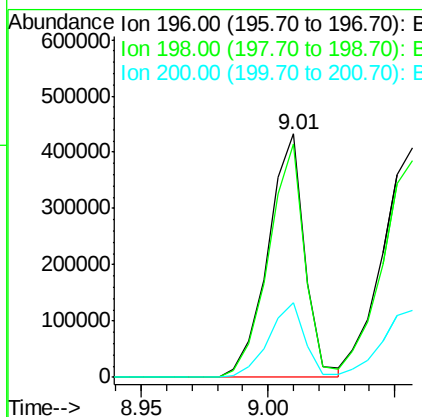
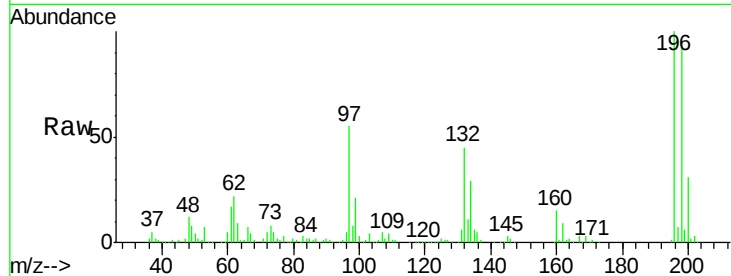
#43
 2,4,6-Trichlorophenol
 Concen: 51.976 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:	196	Resp:	439076
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.6	115.0
200	30.5	24.2	36.2

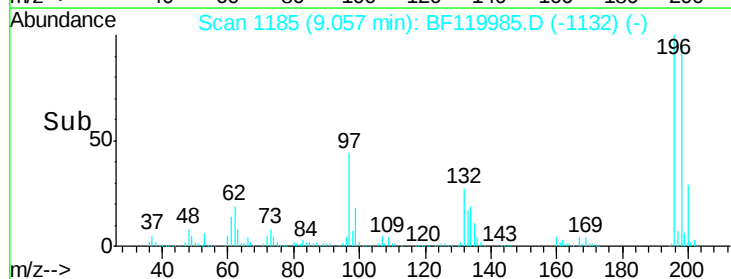
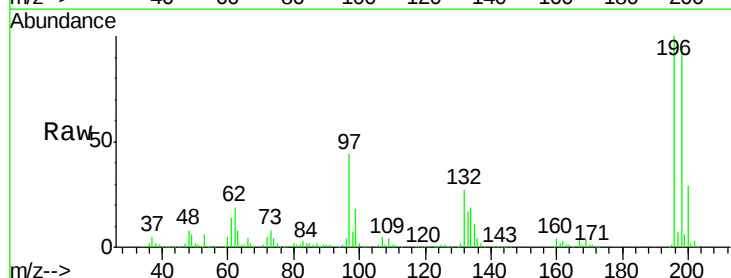
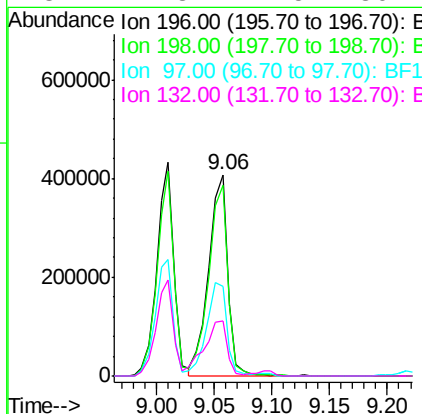
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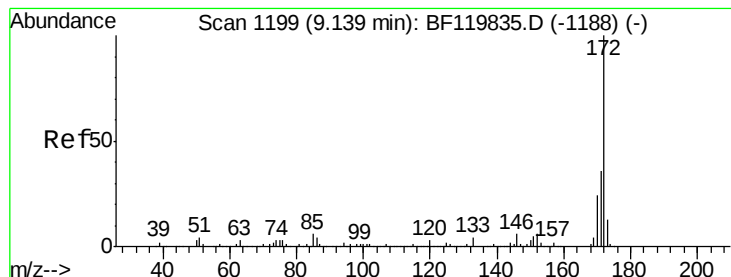
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.399 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Tgt Ion:	196	Resp:	470010
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.1	112.7
97	44.5	43.4	65.2
132	27.3	24.5	36.7





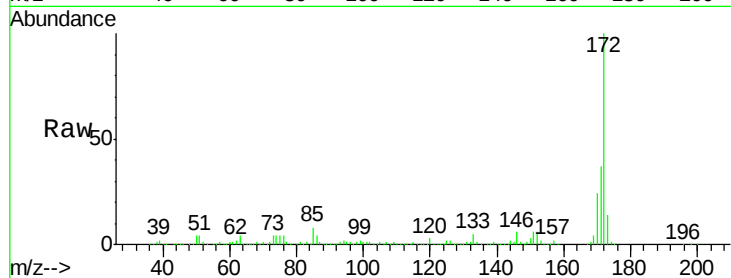
#45
2-Fluorobiphenyl
Concen: 92.756 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.3	19.4	29.2

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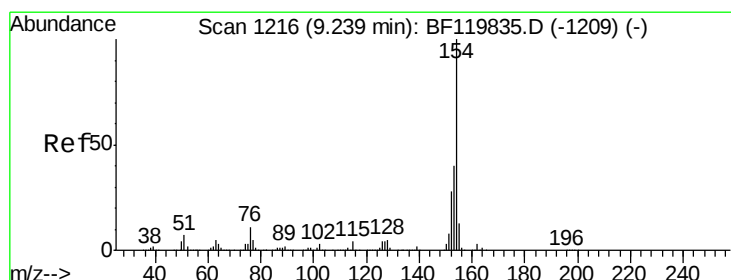
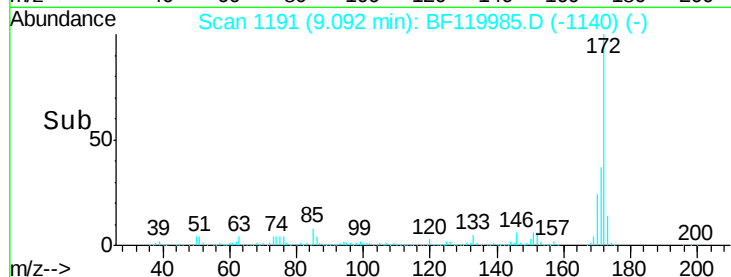
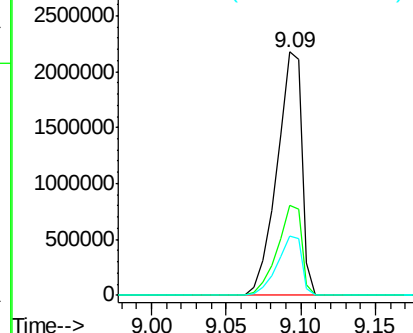


Abundance

Ion 172.00 (171.70 to 172.70): E

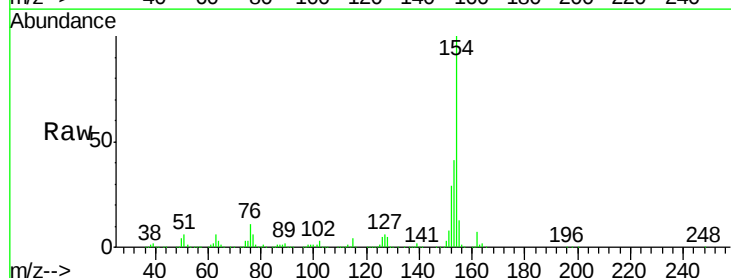
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 49.828 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	11.0	0.0	30.6

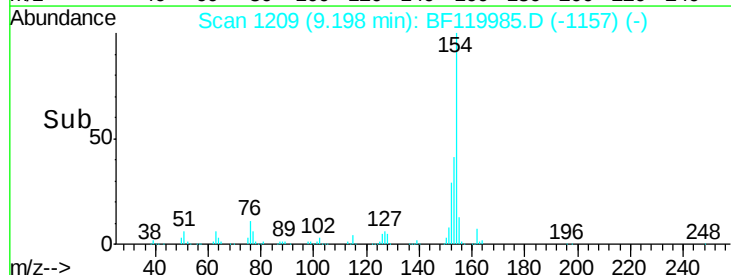
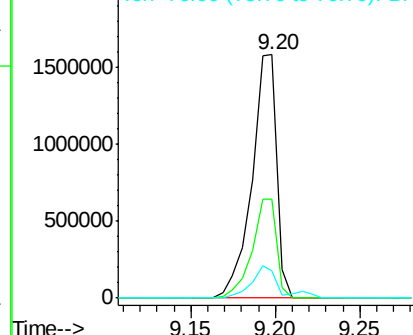


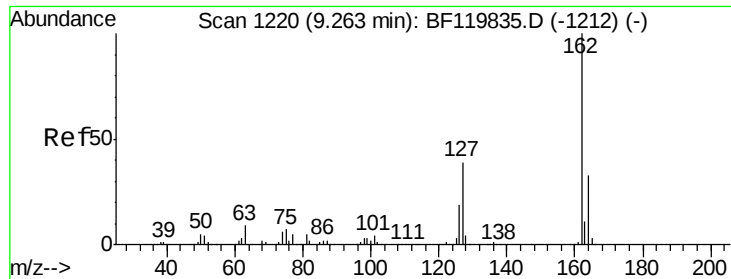
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





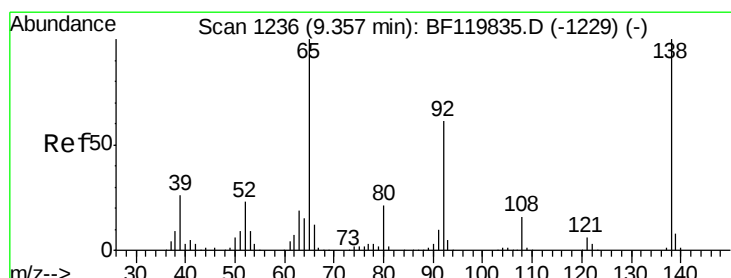
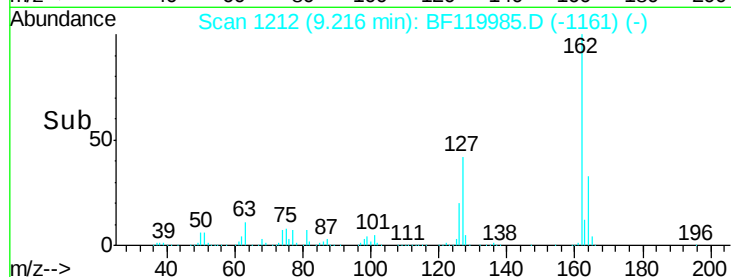
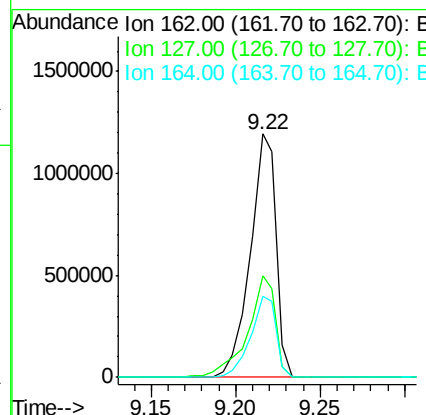
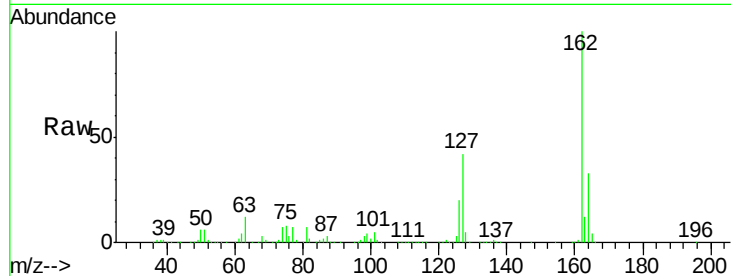
#47
2-Chloronaphthalene
Concen: 50.647 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	31.2	46.8
164	33.3	26.3	39.5

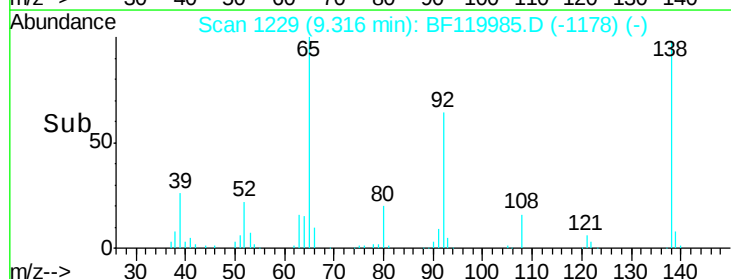
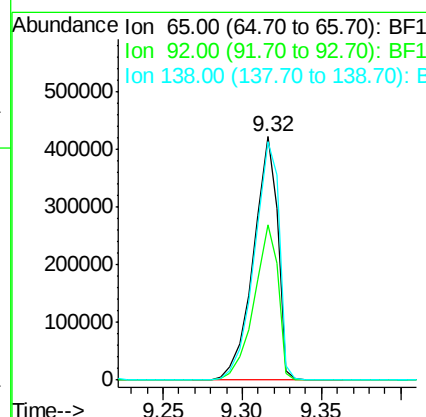
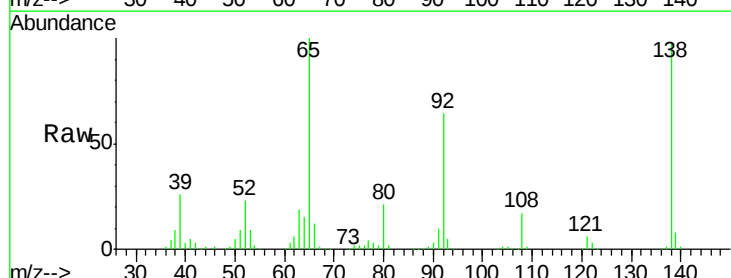
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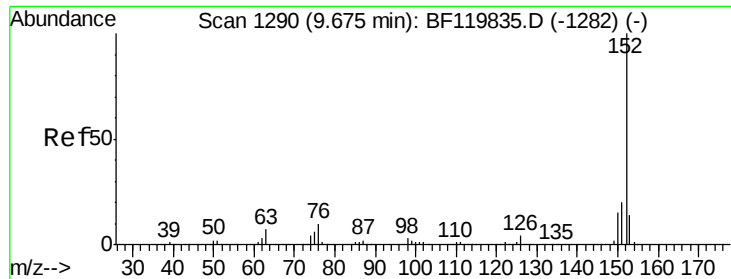
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#48
2-Nitroaniline
Concen: 48.871 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	49.0	73.6
138	98.0	79.7	119.5





#49

Acenaphthylene

Concen: 51.494 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:152 Resp: 1972255

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

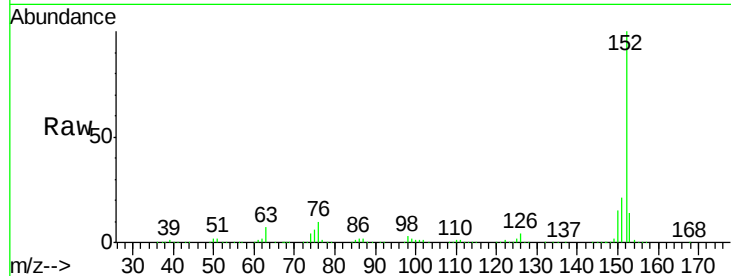
153 13.7 10.9 16.3

Manual Integrations

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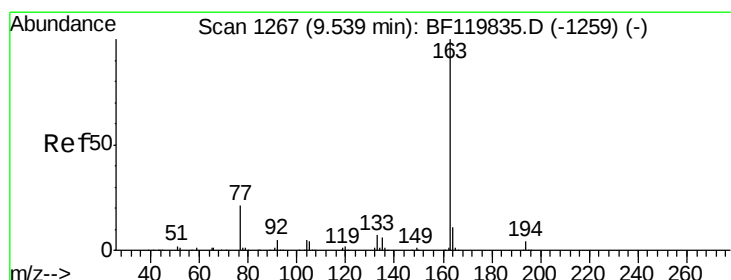
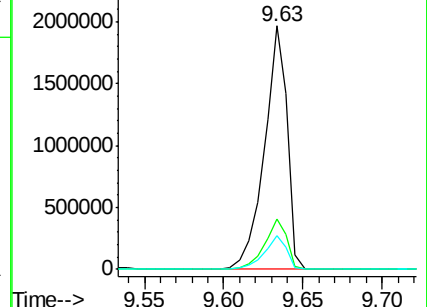
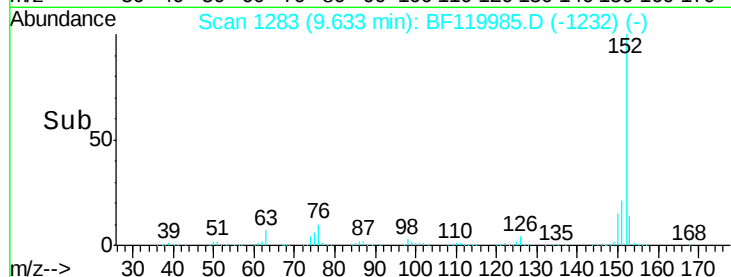
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.598 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

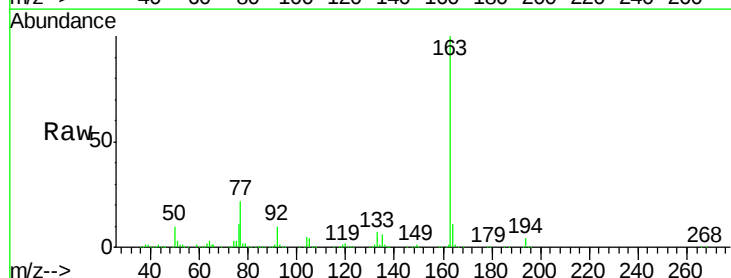
Tgt Ion:163 Resp: 1515875

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

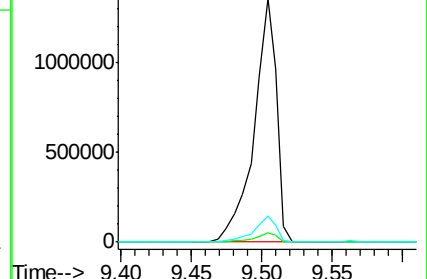
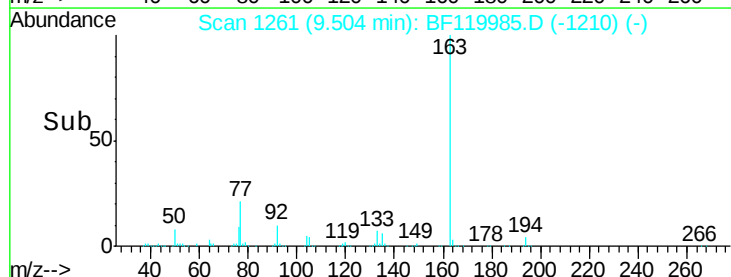
164 10.7 8.4 12.6

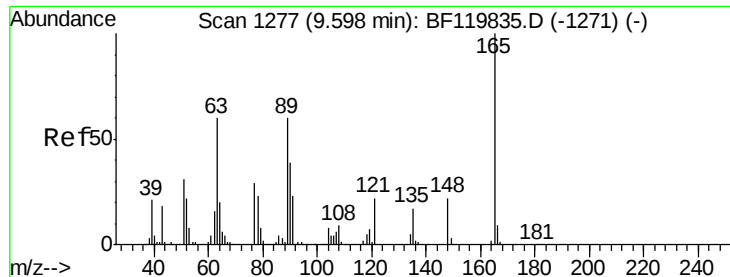


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.845 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

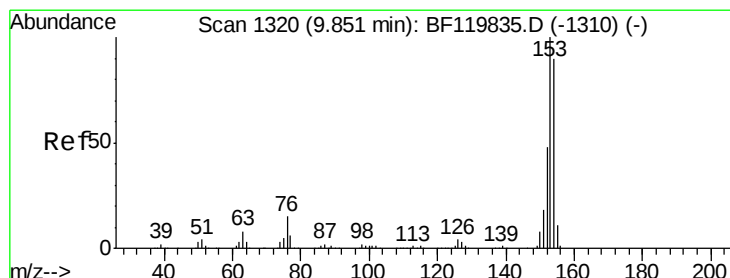
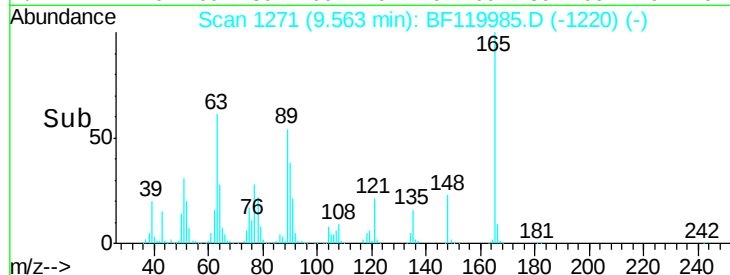
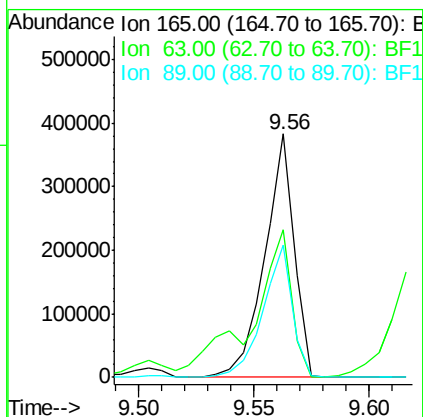
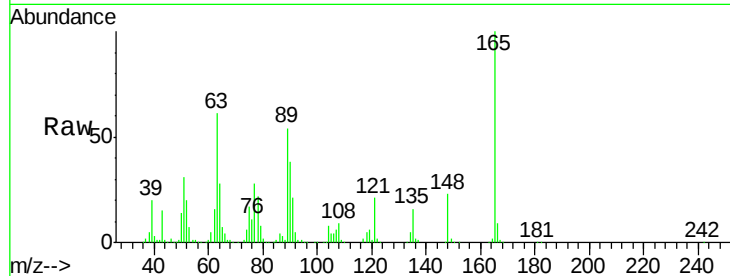
ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:	165	Resp:	340132
Ion Ratio	Lower	Upper	
165	100		
63	60.9	55.6	83.4
89	54.1	47.9	71.9

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#52

Acenaphthene

Concen: 47.446 ng

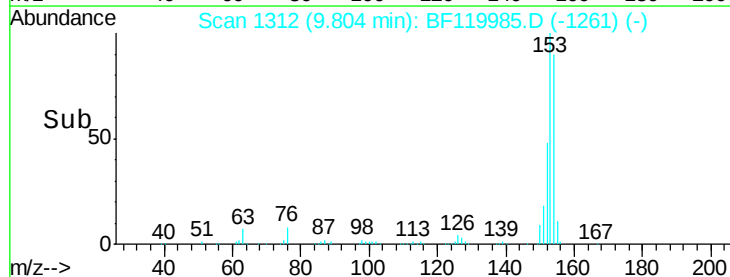
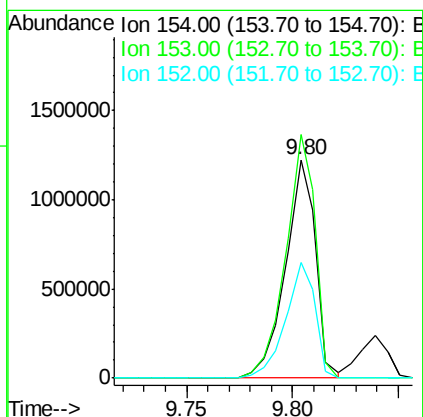
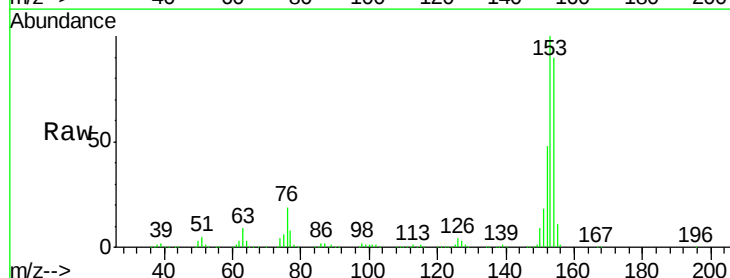
RT: 9.80 min Scan# 1312

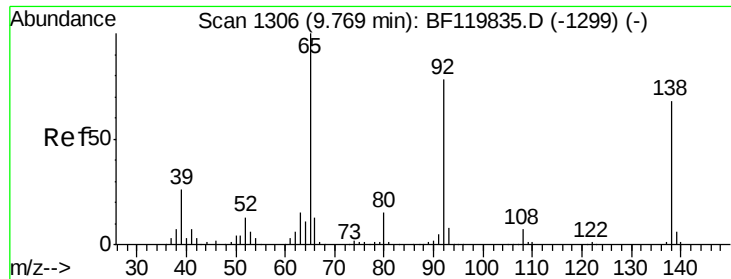
Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Tgt Ion:	154	Resp:	1212208
Ion Ratio	Lower	Upper	
154	100		
153	111.4	88.8	133.2
152	53.1	42.4	63.6





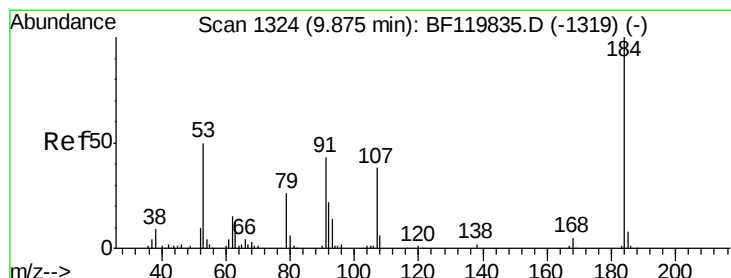
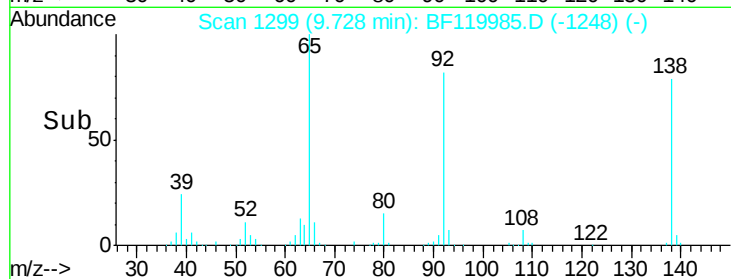
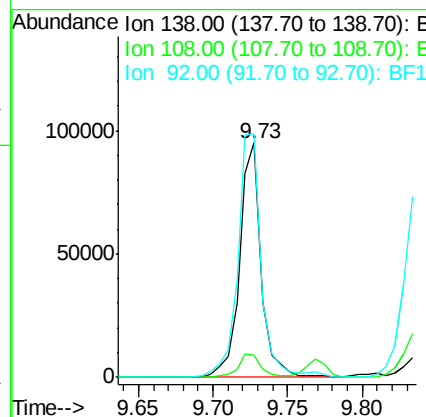
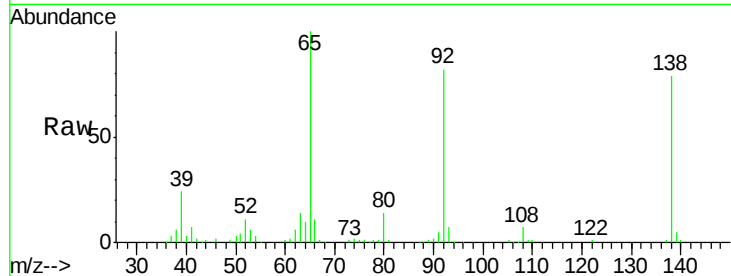
#53
3-Nitroaniline
Concen: 12.796 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.0	12.0
92	104.0	92.1	138.1

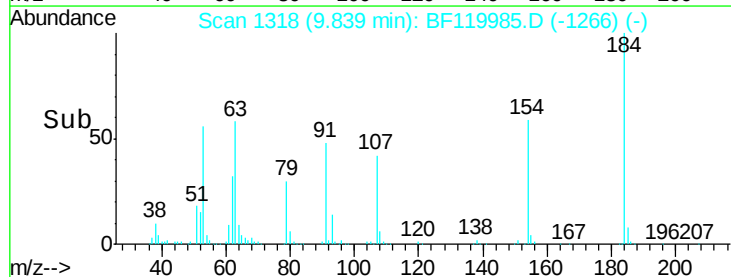
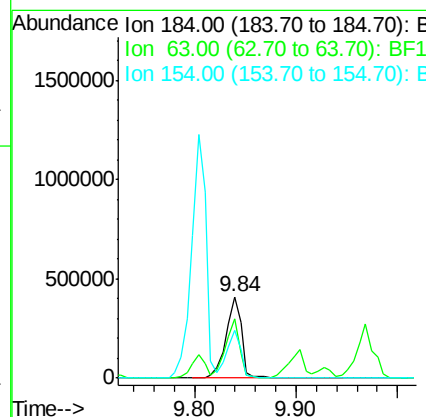
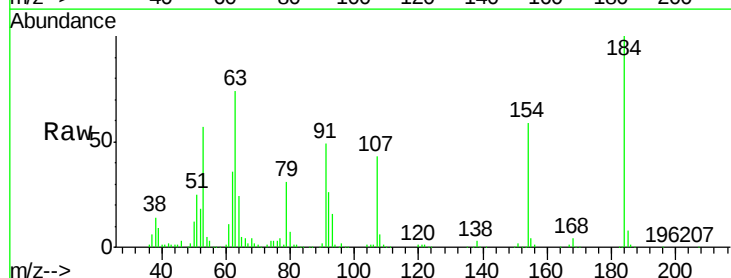
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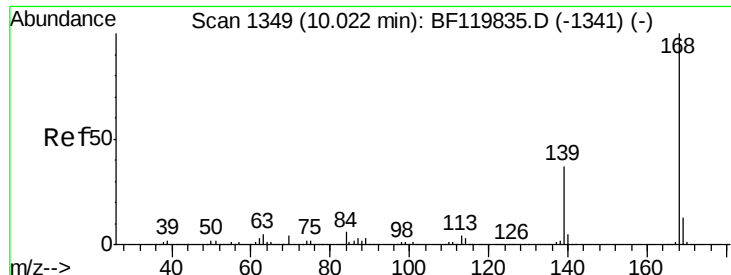
mohammad
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#54
2,4-Dinitrophenol
Concen: 111.218 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.8	49.8	74.6
154	59.2	46.5	69.7





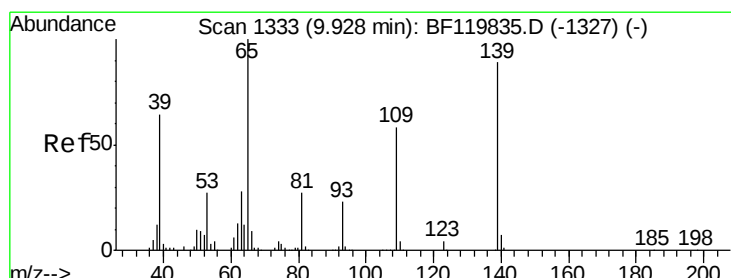
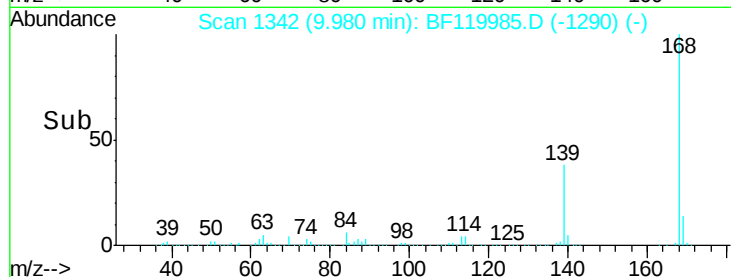
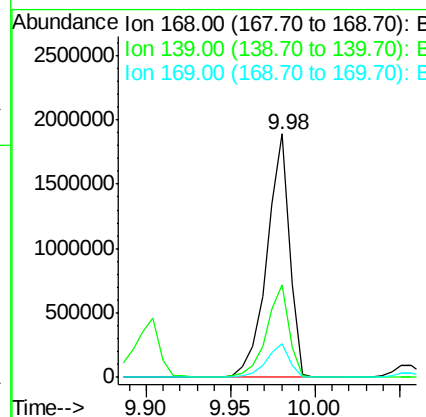
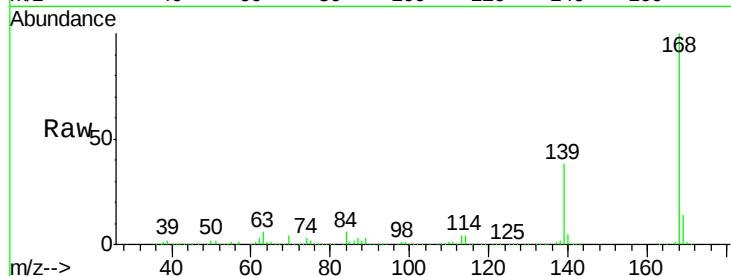
#55
Dibenzofuran
Concen: 49.906 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:168 Resp: 1749695
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 13.7 10.6 15.8

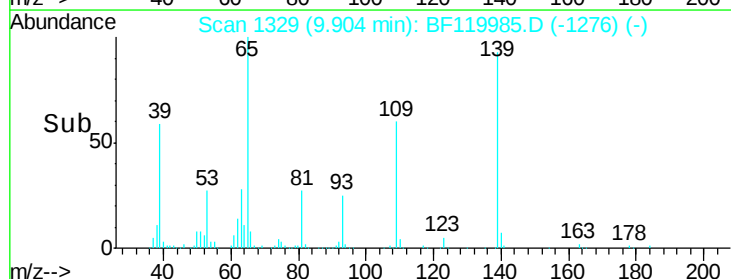
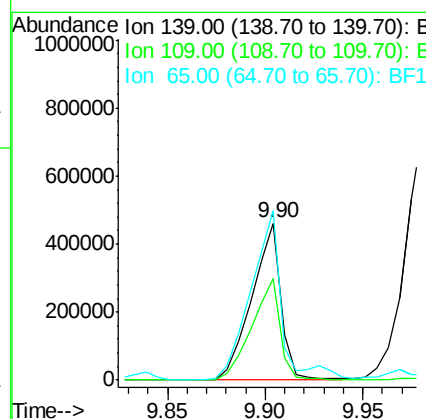
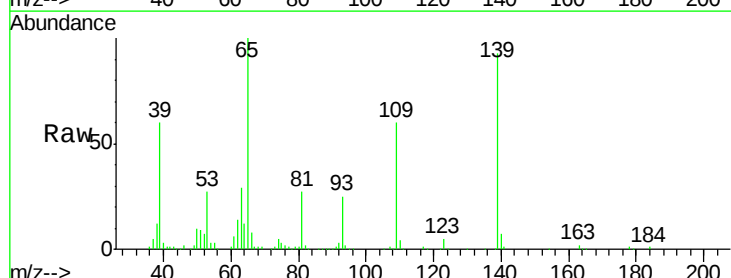
Manual Integrations
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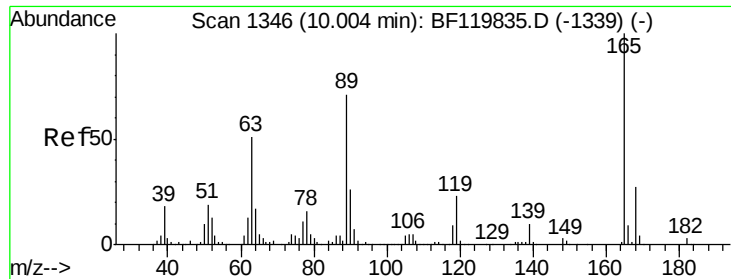
mohammad
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#56
4-Nitrophenol
Concen: 85.945 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion:139 Resp: 479141
Ion Ratio Lower Upper
139 100
109 64.9 45.5 85.5
65 108.0 92.3 132.3





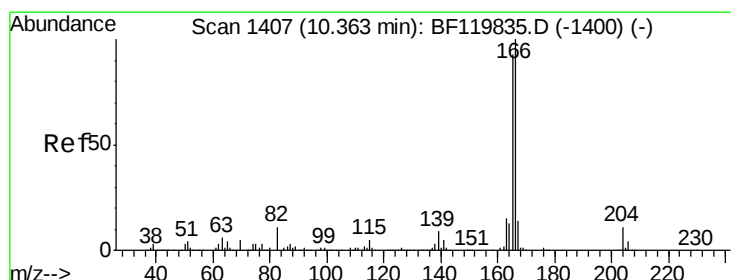
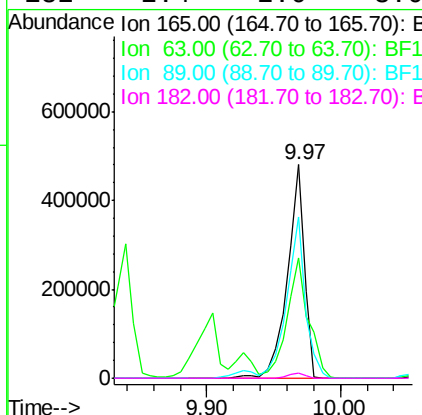
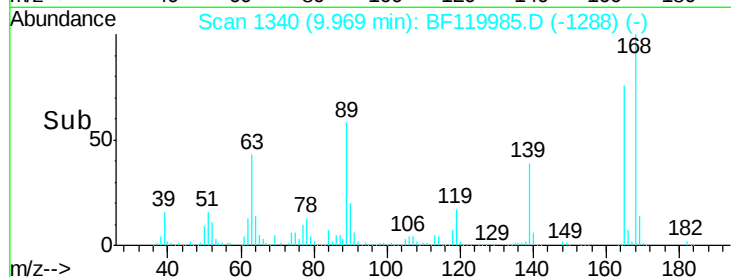
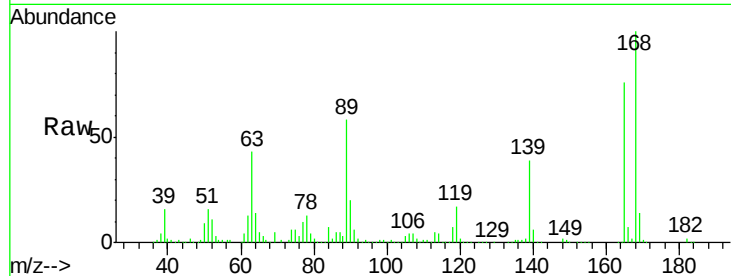
#57
2,4-Dinitrotoluene
Concen: 50.374 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.4	40.8	61.2
89	75.8	56.9	85.3
182	2.4	2.0	3.0

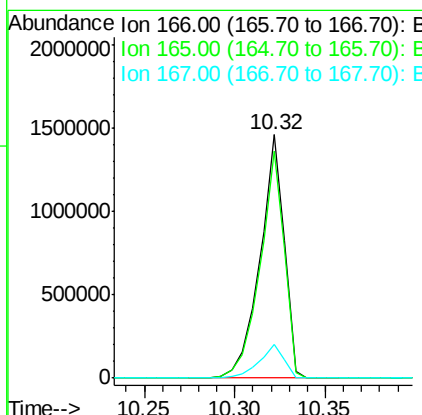
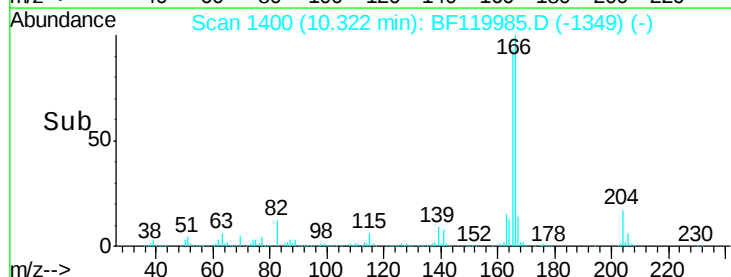
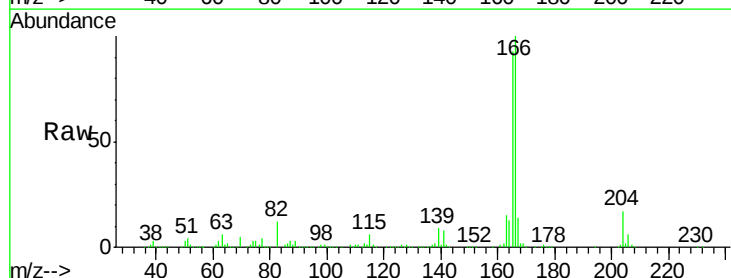
Manual Integrations
APPROVED

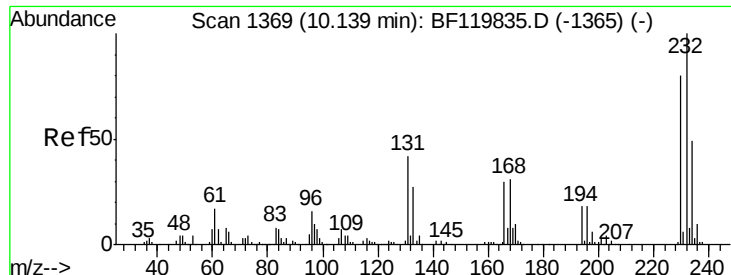
mohammad
4/16/2020 12:52:34 PM



#58
Fluorene
Concen: 48.434 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	74.2	111.2
167	13.6	10.8	16.2





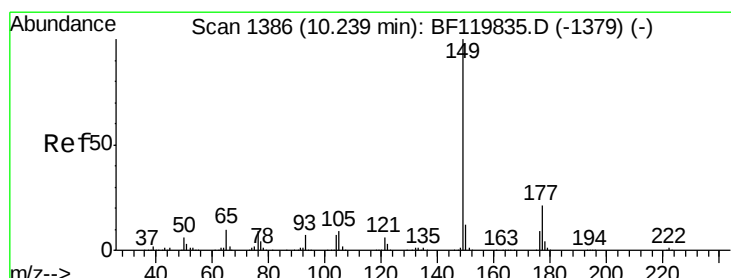
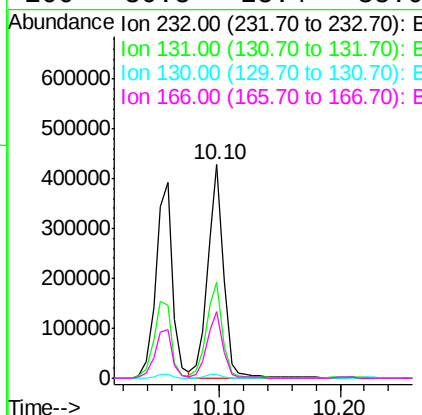
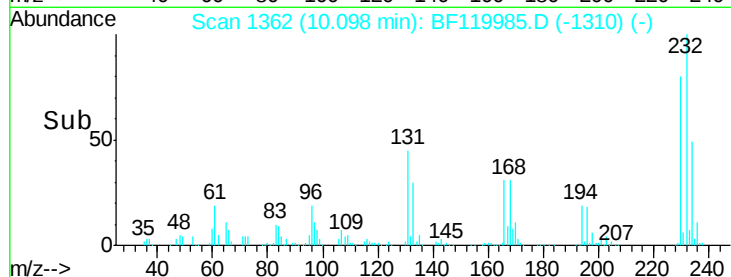
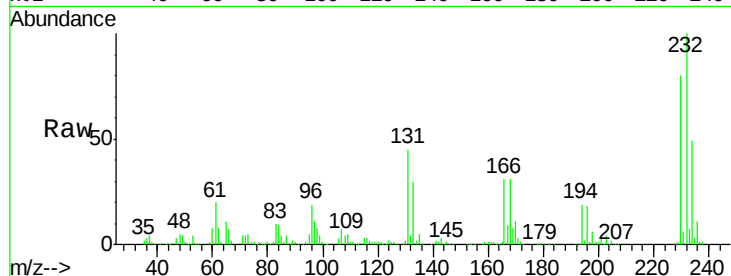
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.859 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.9	56.9
130	2.0	1.8	2.6
166	30.8	25.4	38.0

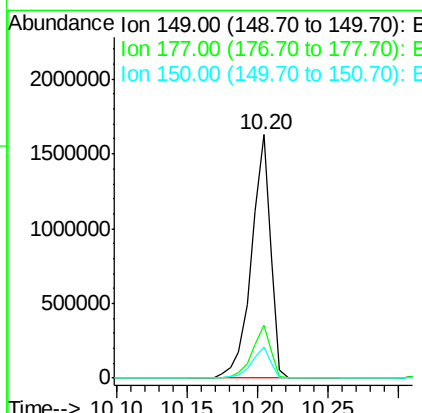
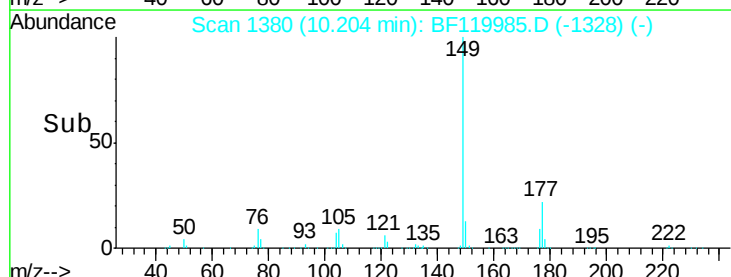
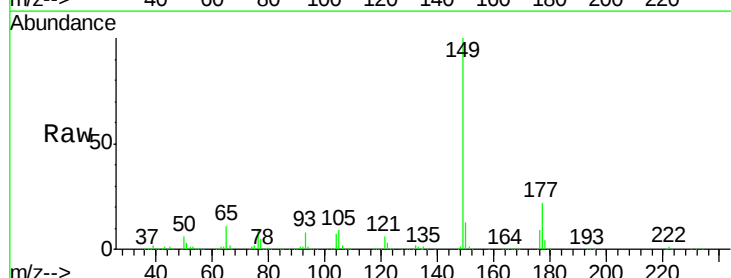
Manual Integrations
 APPROVED

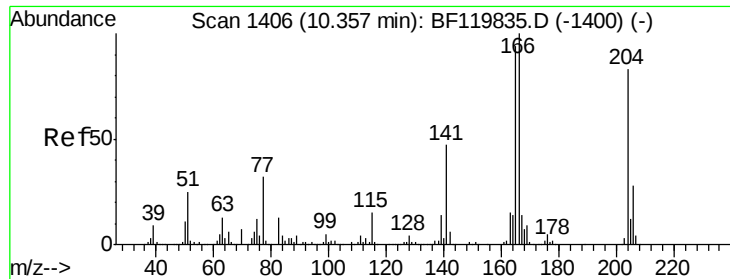
mohammad
 4/16/2020 12:52:34 PM



#60
 Diethylphthalate
 Concen: 49.620 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.8	25.2
150	12.8	9.8	14.6





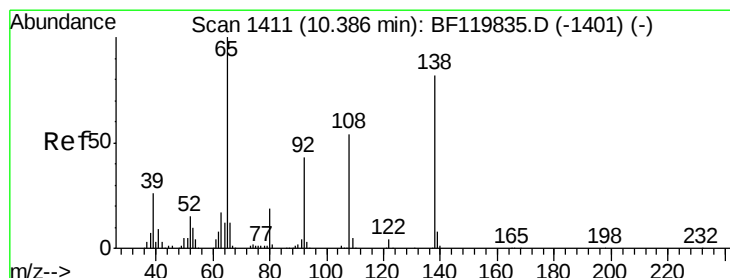
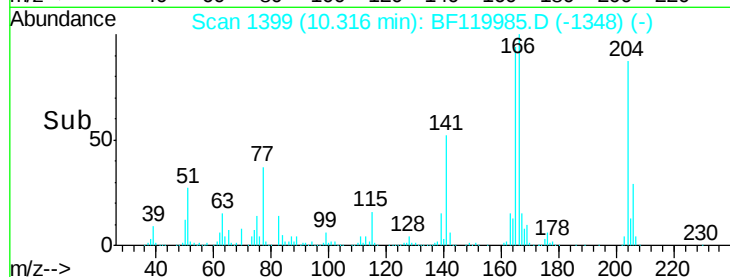
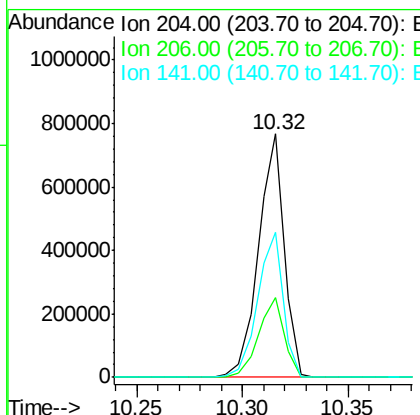
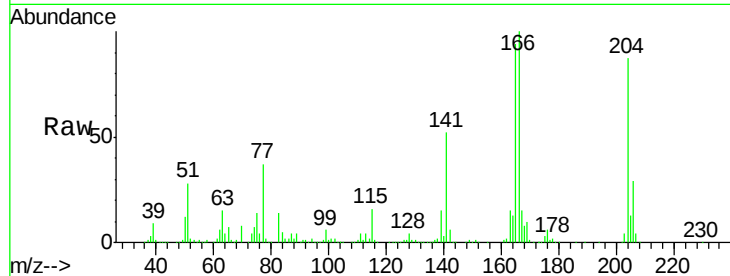
#61
 4-Chlorophenyl-phenylether
 Concen: 45.356 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	59.5	45.8	68.8

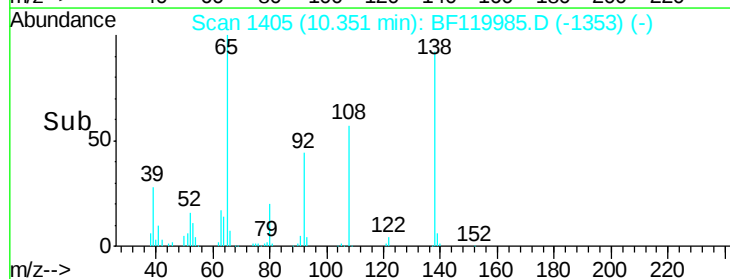
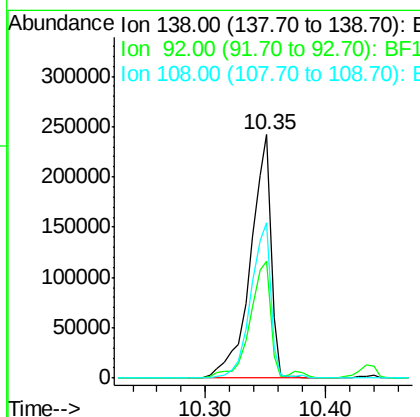
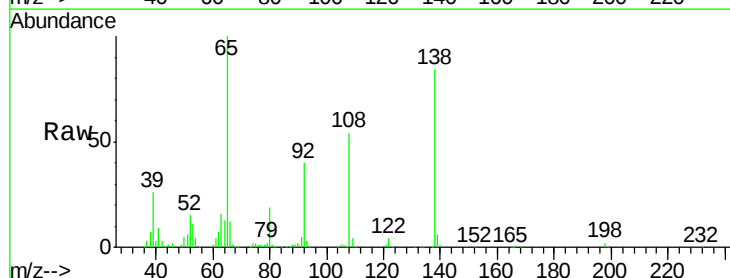
Manual Integrations
 APPROVED

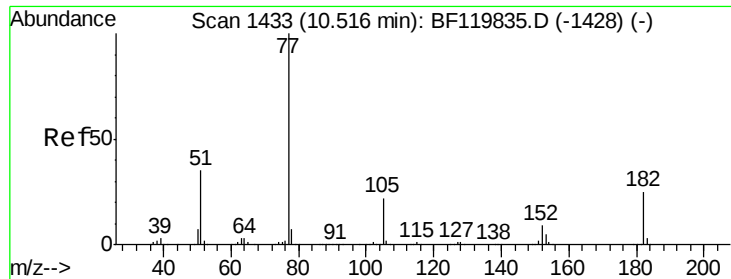
mohammad
 4/16/2020 12:52:34 PM



#62
 4-Nitroaniline
 Concen: 40.393 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	31.6	71.6
108	64.0	45.2	85.2





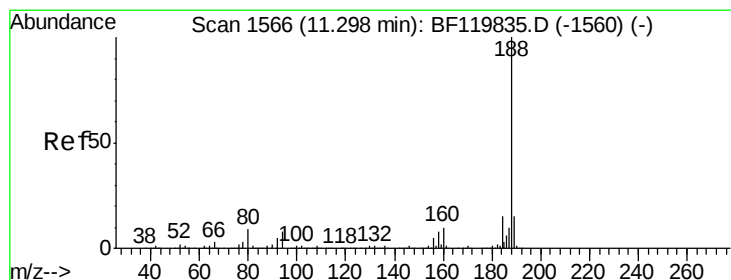
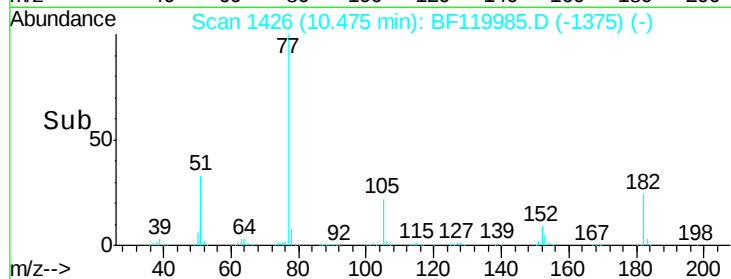
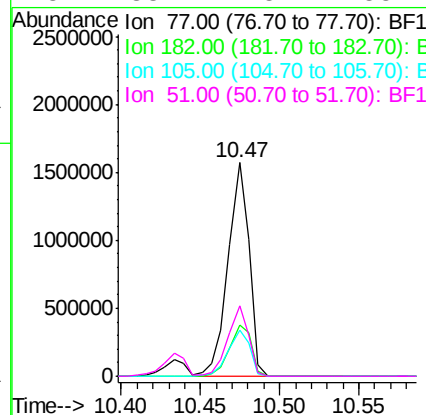
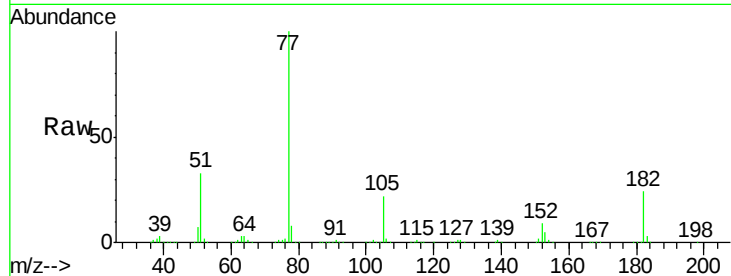
#63
Azobenzene
Concen: 51.968 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.5	44.5
105	21.7	2.2	42.2
51	33.1	15.1	55.1

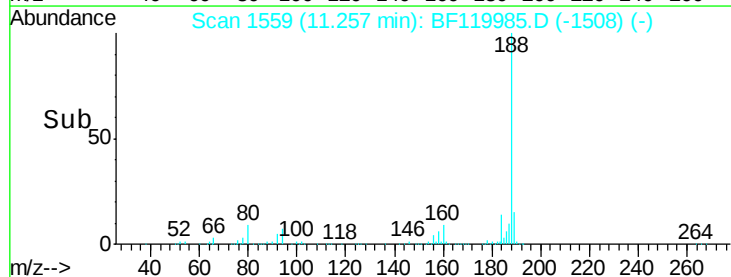
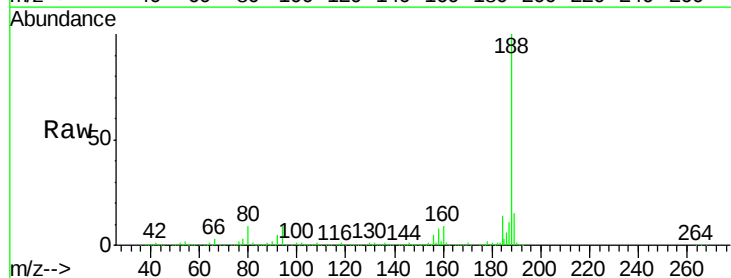
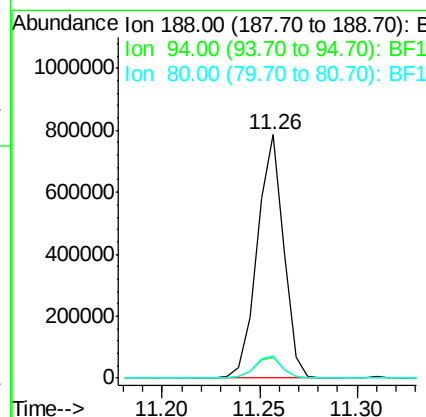
Manual Integrations
APPROVED

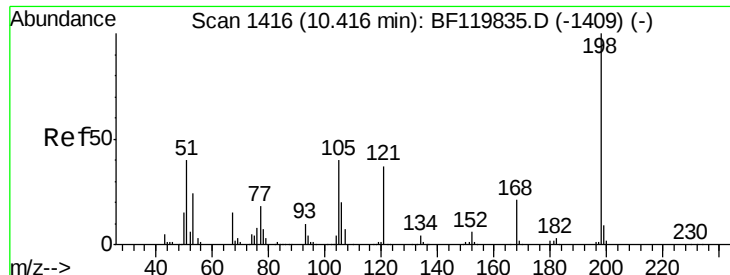
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	9.2	7.4	11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 56.472 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:198 Resp: 271885

Ion Ratio Lower Upper

198 100

51 40.8 25.2 65.2

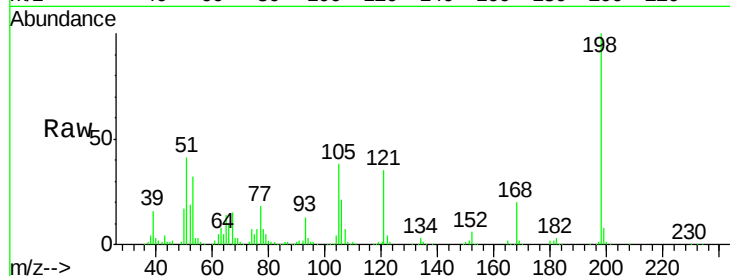
105 38.4 20.8 60.8

Manual Integrations

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mohammad

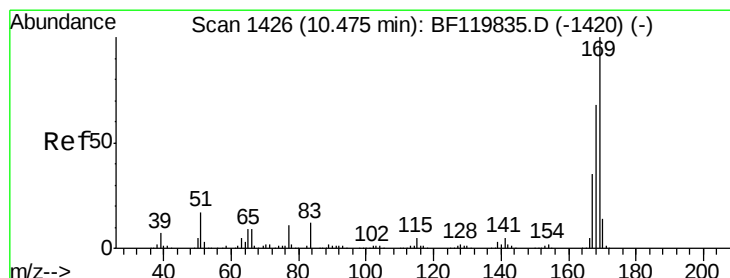
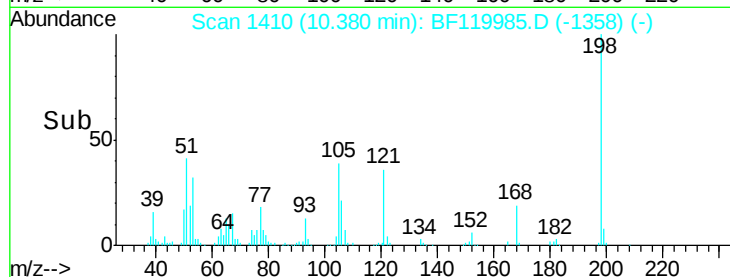
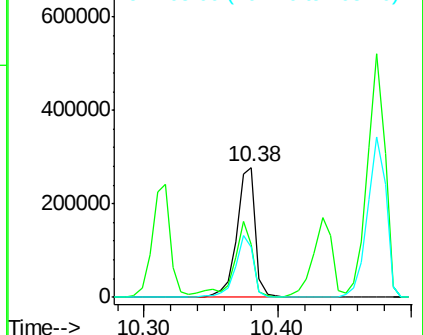
4/16/2020 12:52:34 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.527 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

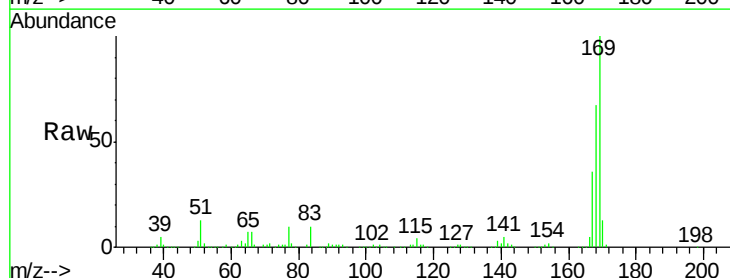
Tgt Ion:169 Resp: 1057882

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.4

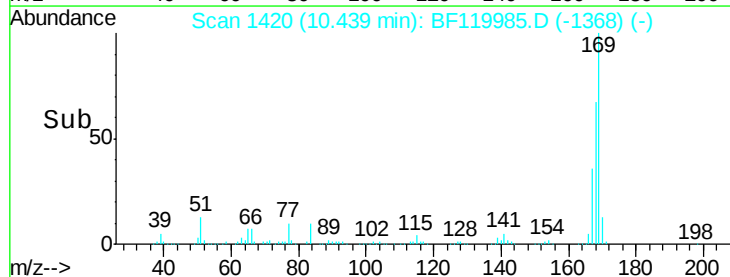
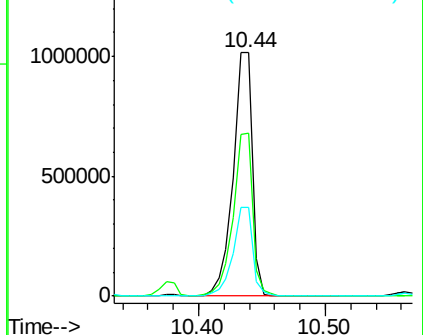
167 36.5 28.3 42.5

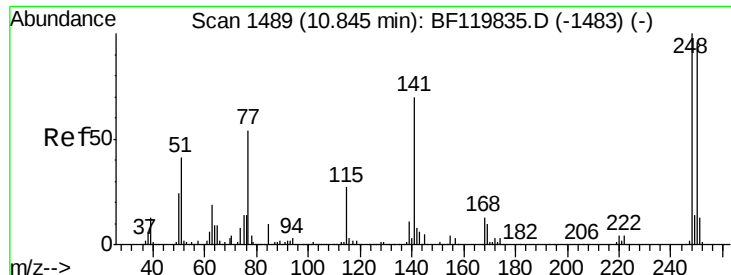


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





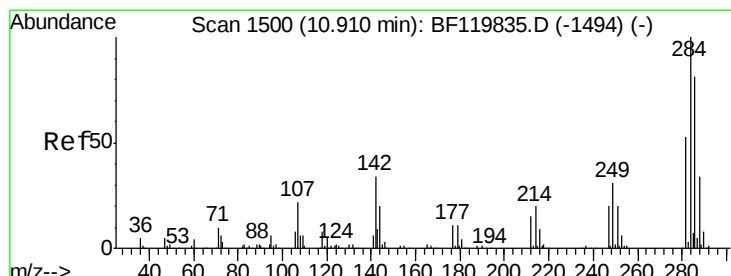
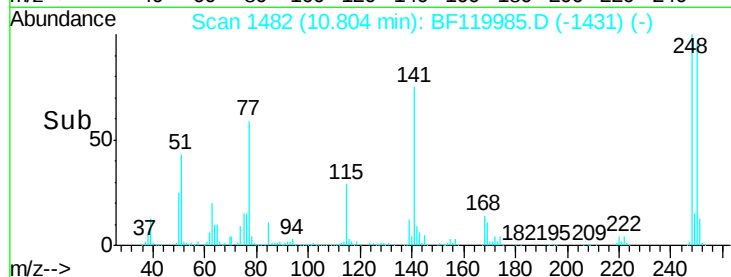
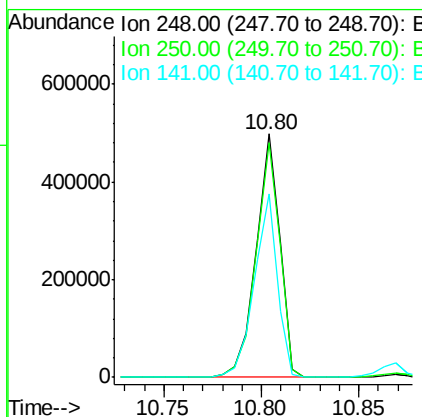
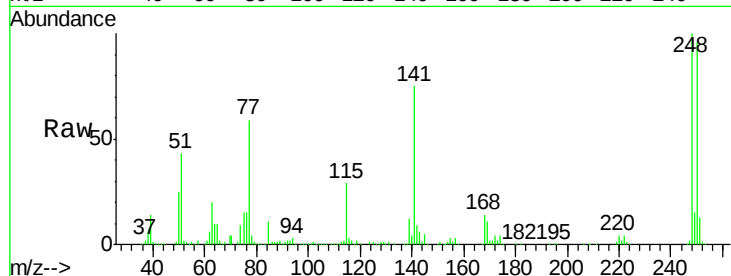
#67
 4-Bromophenyl-phenylether
 Concen: 46.236 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:	248	Resp:	420200
Ion Ratio	Lower	Upper	
248	100		
250	96.5	76.6	114.8
141	75.2	55.9	83.9

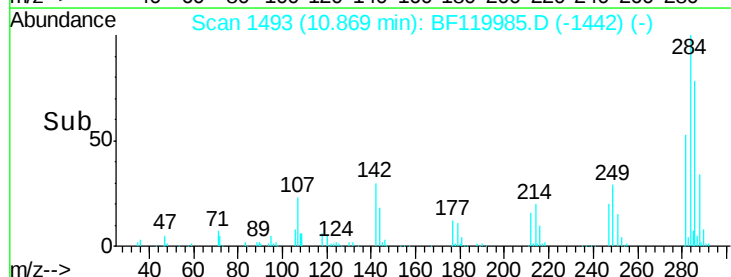
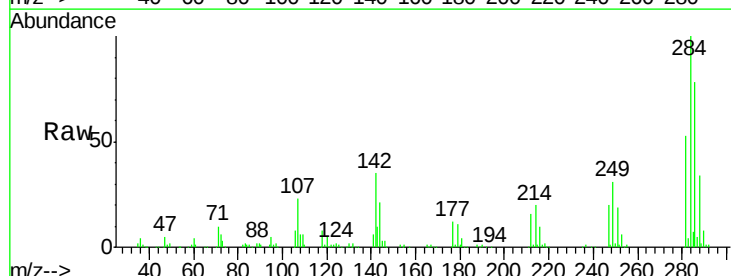
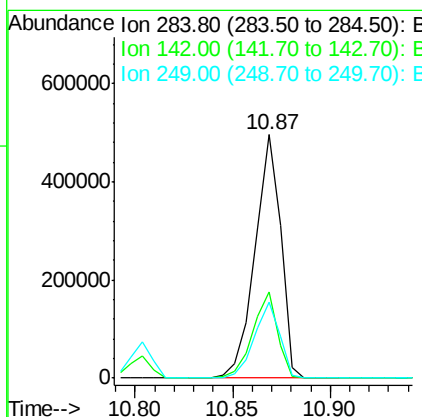
Manual Integrations
 APPROVED

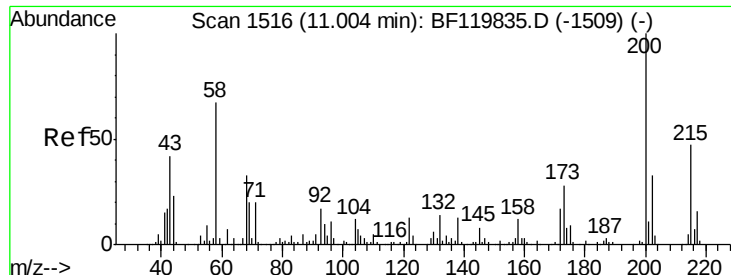
mohammad
 4/16/2020 12:52:34 PM



#68
 Hexachlorobenzene
 Concen: 49.279 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Tgt Ion:	284	Resp:	454336
Ion Ratio	Lower	Upper	
284	100		
142	35.5	26.9	40.3
249	31.1	24.6	37.0





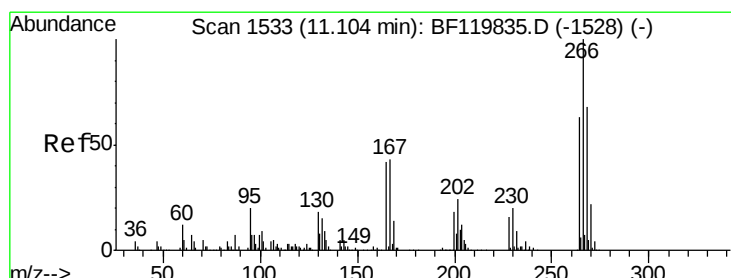
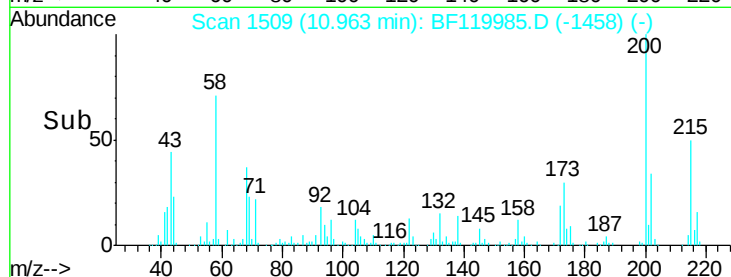
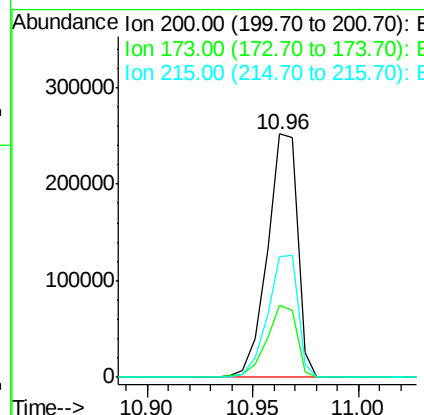
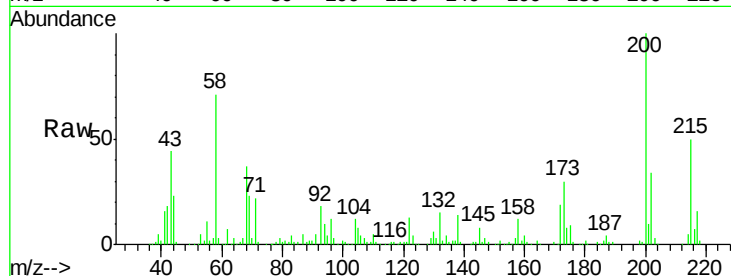
#69
Atrazine
Concen: 37.018 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.6	8.0	48.0
215	49.8	27.1	67.1

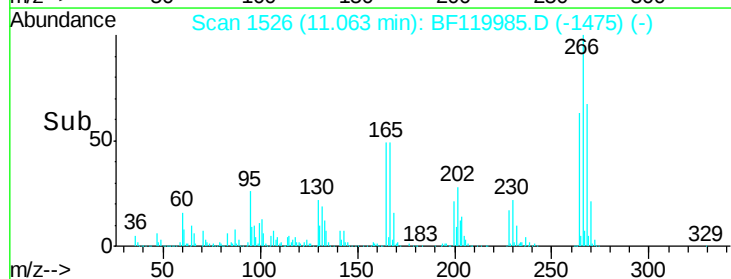
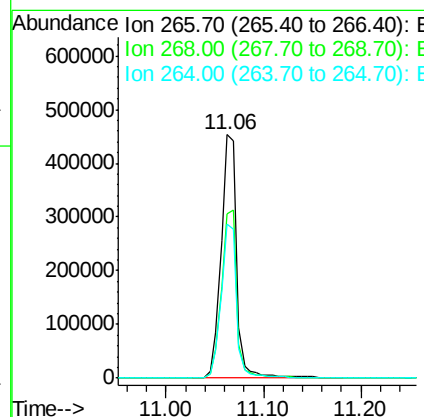
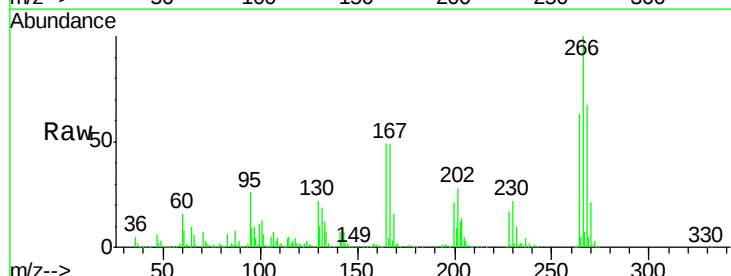
Manual Integrations
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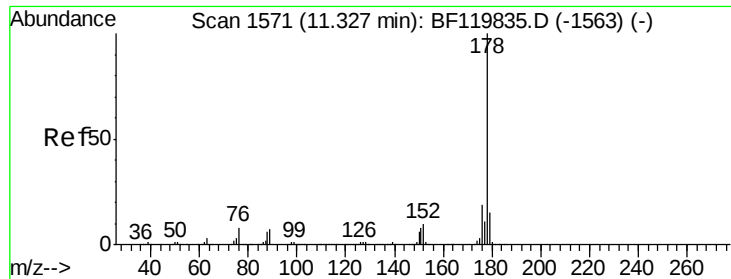
mohammad
4/16/2020 12:52:34 PM



#70
Pentachlorophenol
Concen: 95.328 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.4	54.2	81.4
264	63.1	50.6	76.0





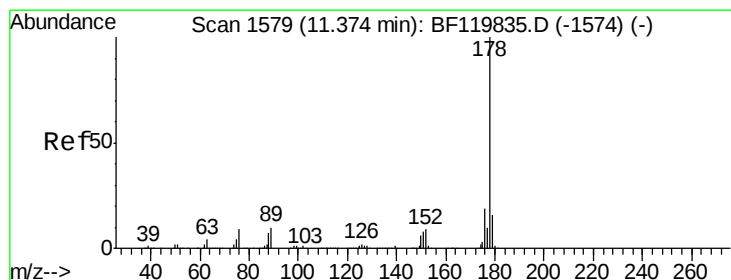
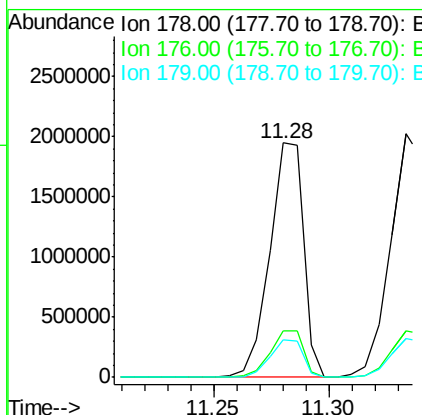
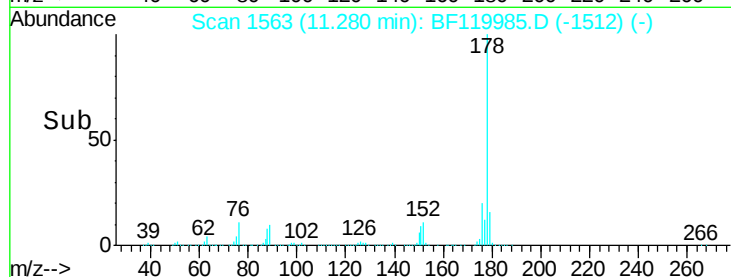
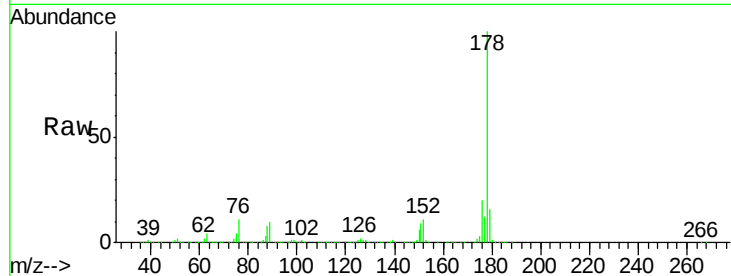
#71
 Phenanthrene
 Concen: 50.828 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:178 Resp: 1976885
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.1 22.7
 179 15.9 12.2 18.4

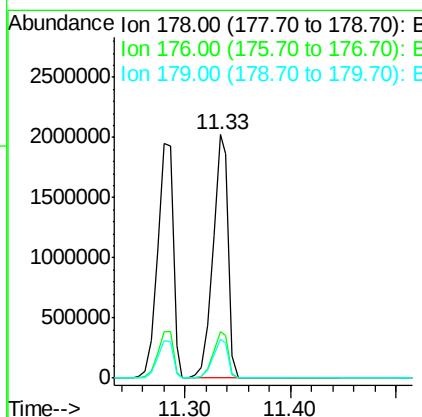
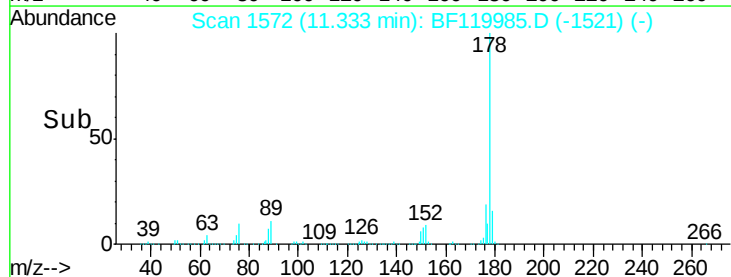
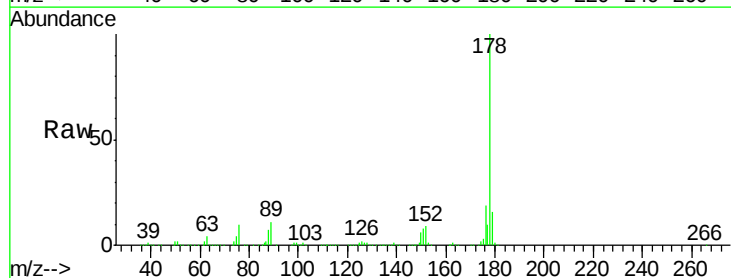
Manual Integrations
 APPROVED

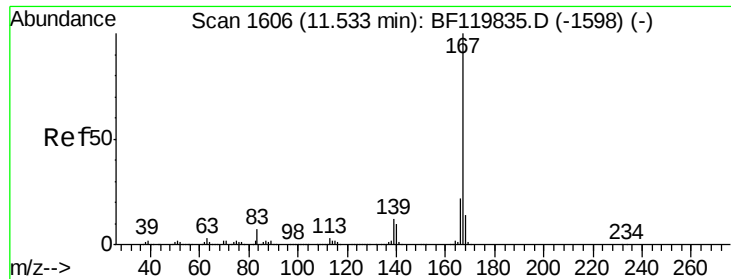
mohammad
 4/16/2020 12:52:34 PM



#72
 Anthracene
 Concen: 51.870 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Tgt Ion:178 Resp: 2060905
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 16.1 12.8 19.2





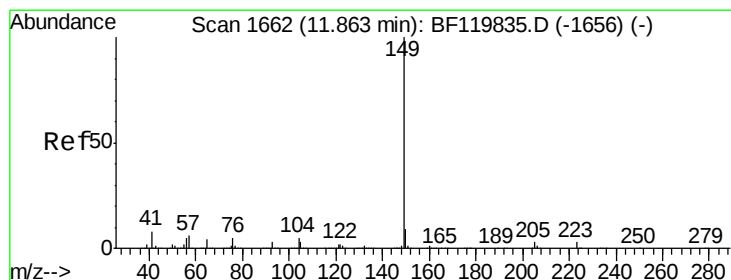
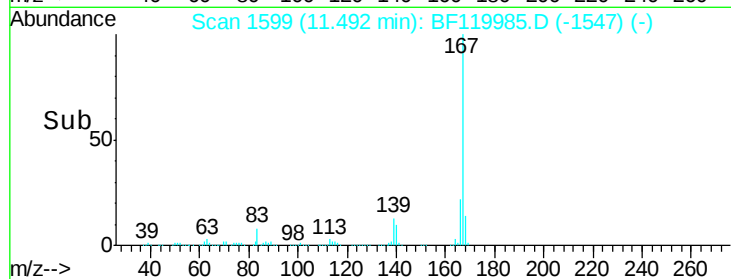
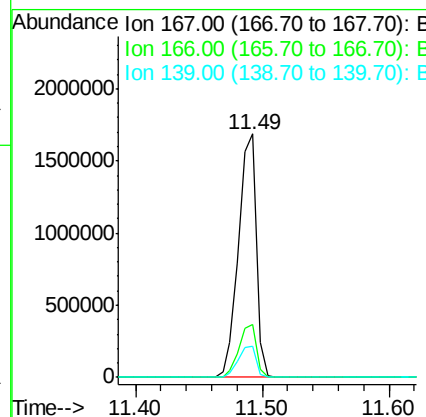
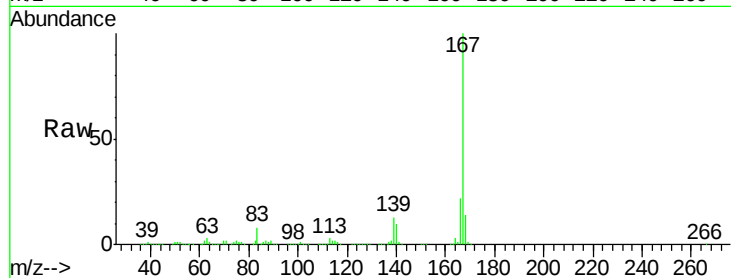
#73
 Carbazole
 Concen: 43.247 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:167 Resp: 1624930
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.5 9.8 14.8

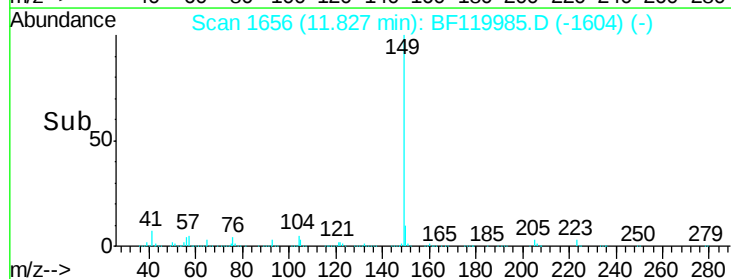
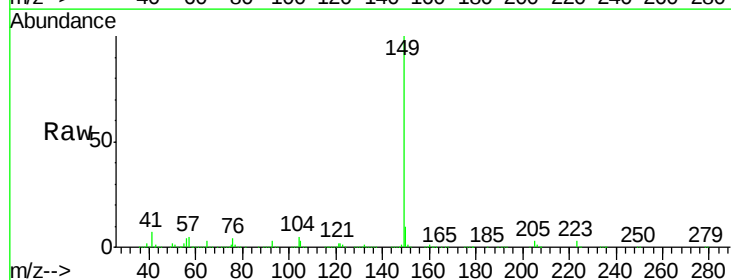
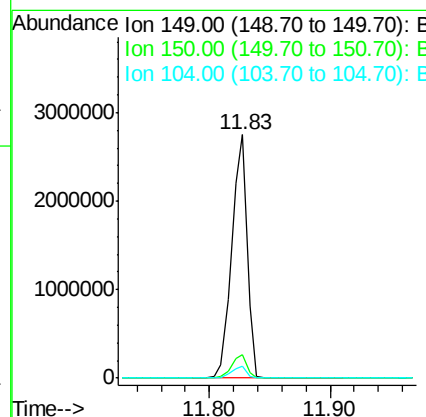
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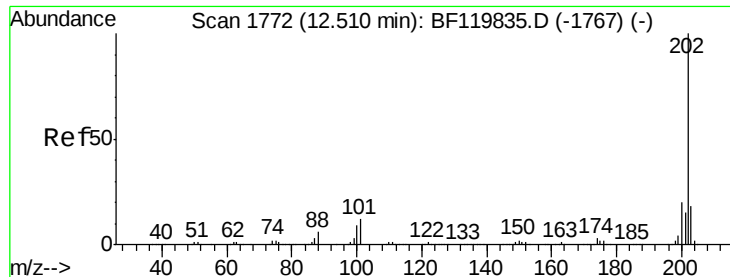
mohammad
 4/16/2020 12:52:34 PM



#74
 Di-n-butylphthalate
 Concen: 49.038 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Tgt Ion:149 Resp: 2422173
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 51.724 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:202 Resp: 2170654

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.3

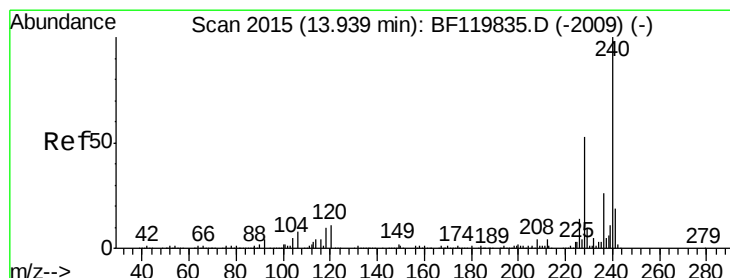
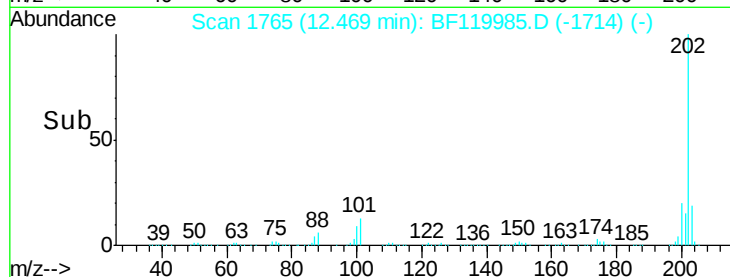
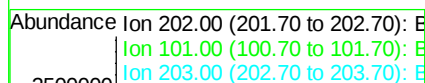
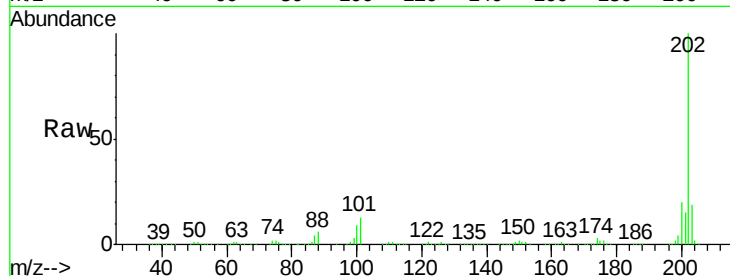
203 18.6 0.0 37.6

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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: BF119985.D

Acq: 15 Apr 2020 11:25

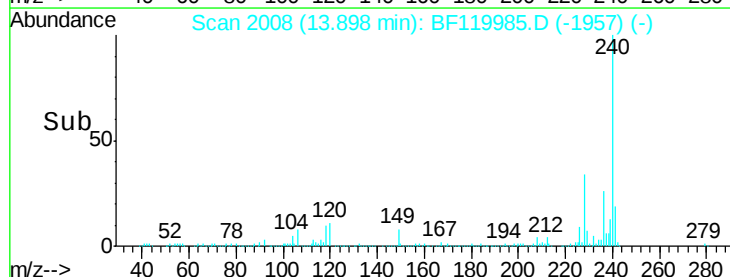
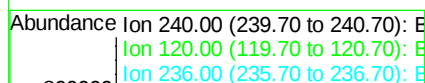
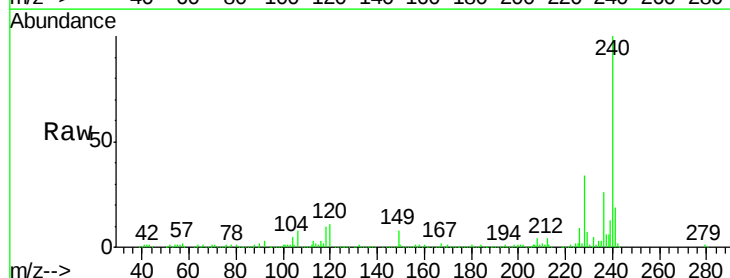
Tgt Ion:240 Resp: 495989

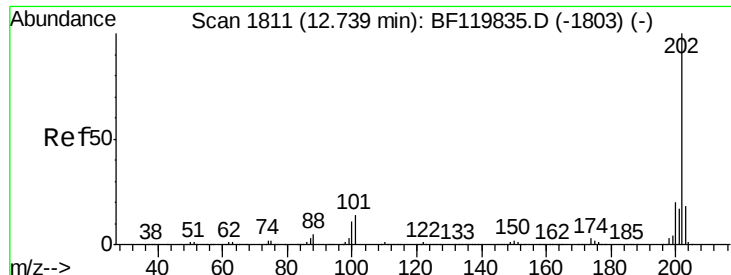
Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.6

236 26.2 20.7 31.1





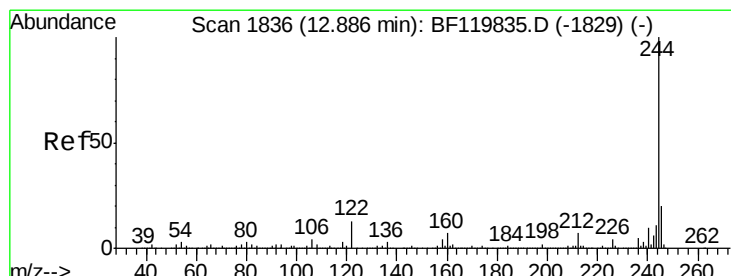
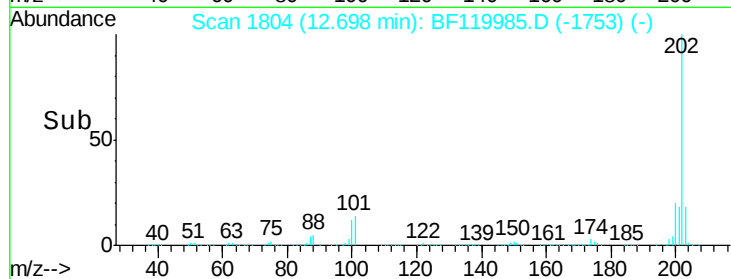
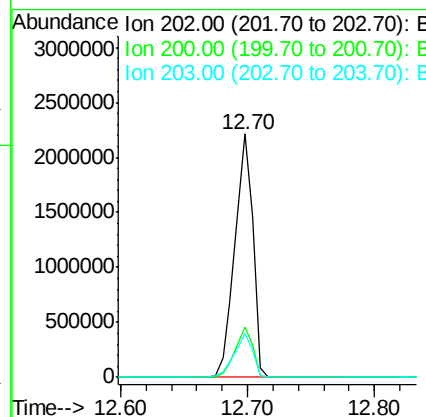
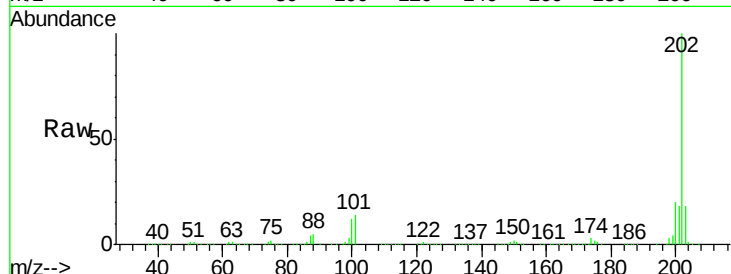
#78
Pvrene
Concen: 51.677 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	18.2	14.1	21.1

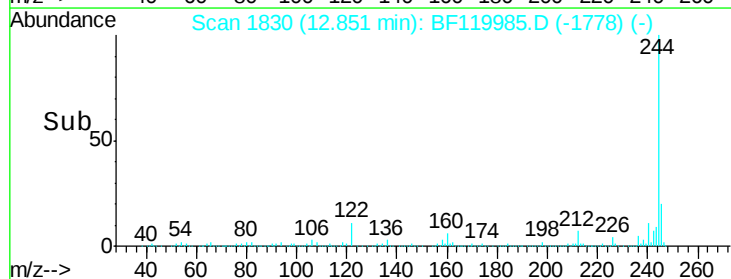
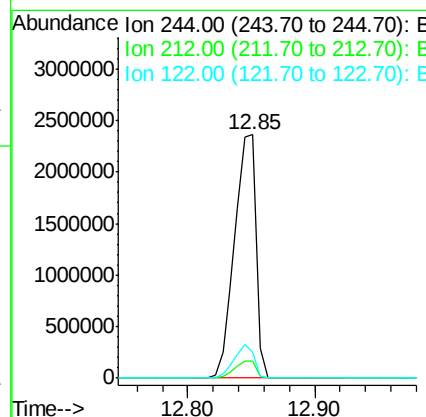
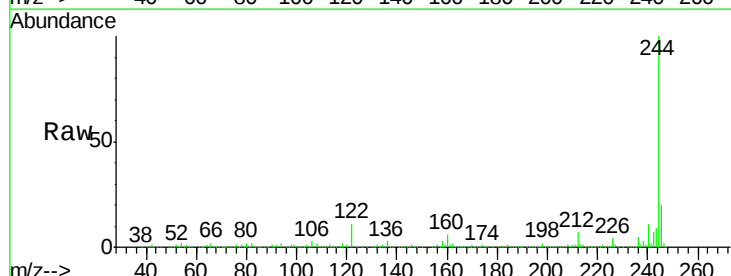
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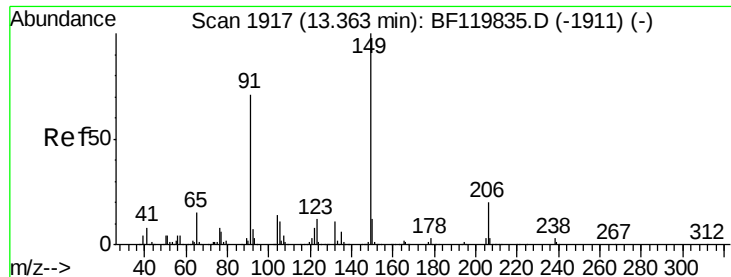
mohammad
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#79
Terphenyl-d14
Concen: 93.058 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.8	10.3	15.5





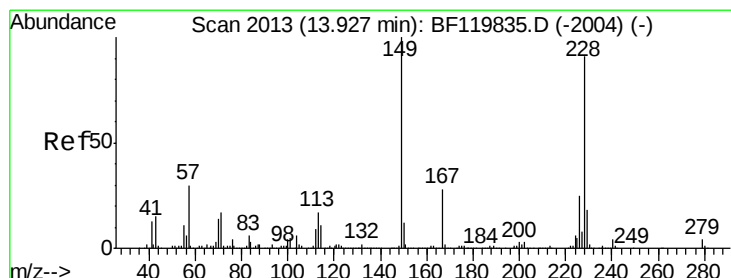
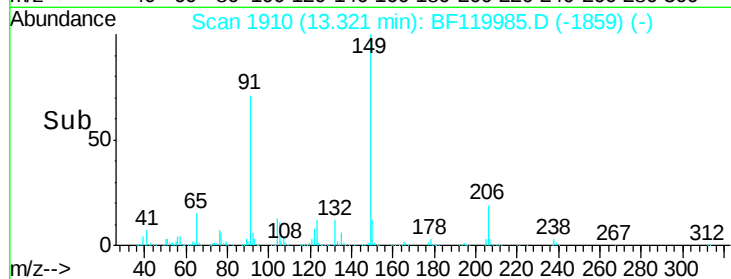
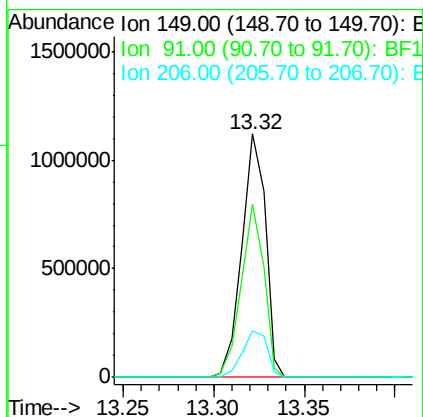
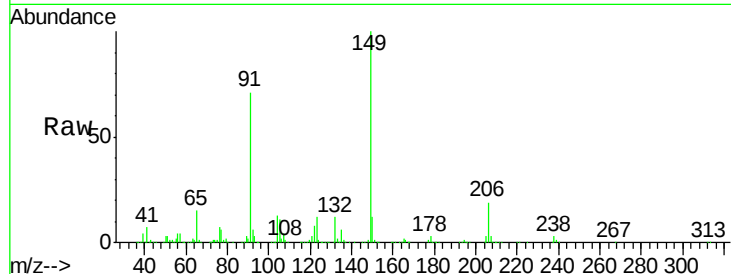
#80
Butylbenzylphthalate
Concen: 50.129 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.7	85.1
206	19.4	15.7	23.5

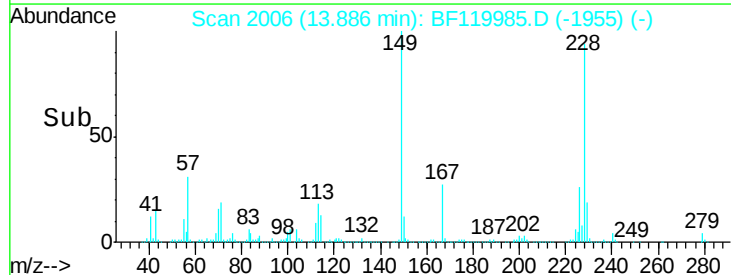
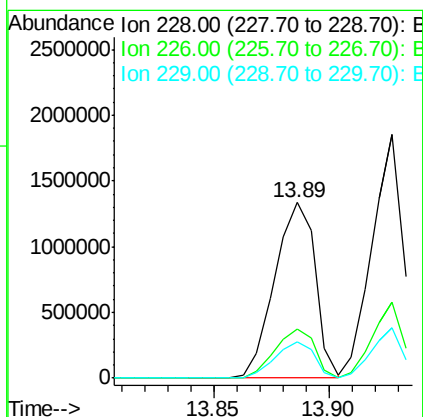
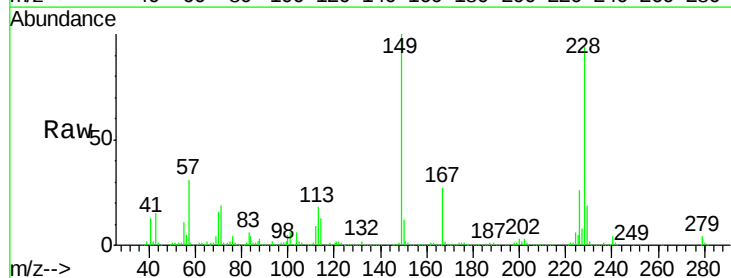
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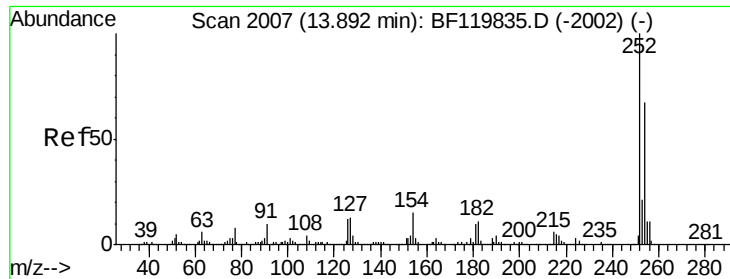
mohammad
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#81
Benzo(a)anthracene
Concen: 49.842 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	20.6	15.9	23.9





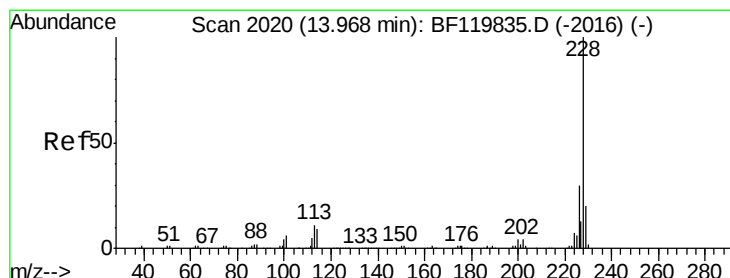
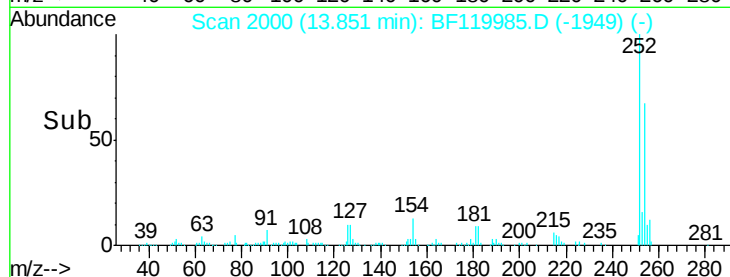
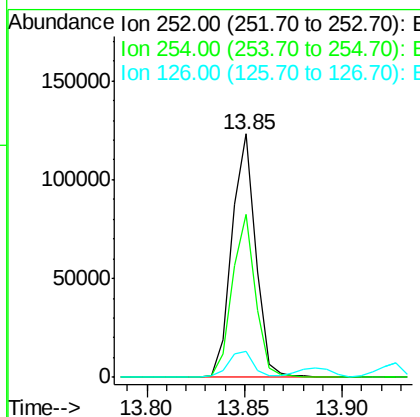
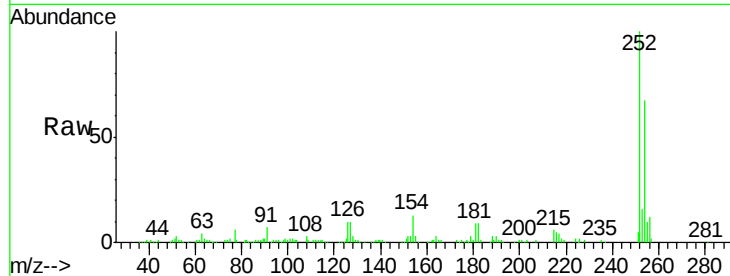
#82
 3,3'-Dichlorobenzidine
 Concen: 8.574 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.0	53.9	80.9
126	10.5	9.7	14.5

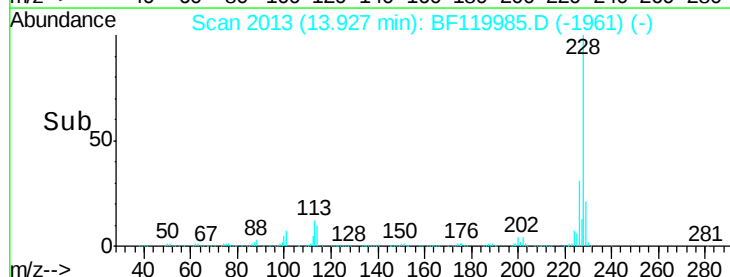
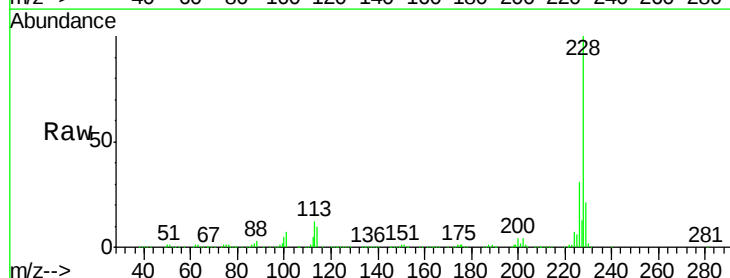
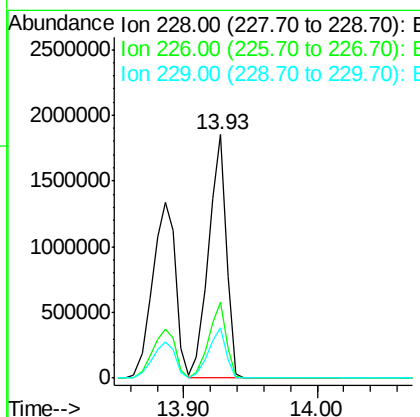
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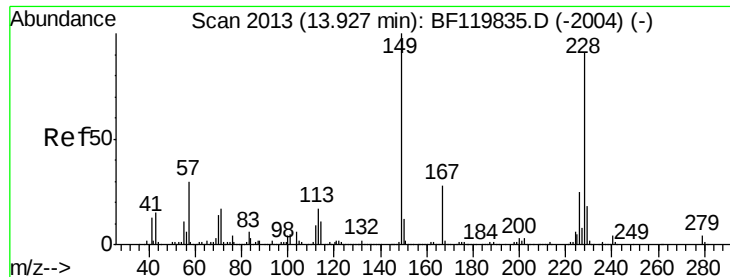
mohammad
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#83
 Chrysene
 Concen: 51.923 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	20.6	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 46.238 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:149 Resp: 1270406

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

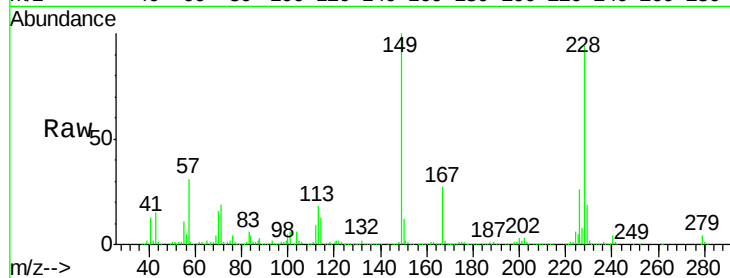
279 3.9 3.4 5.0

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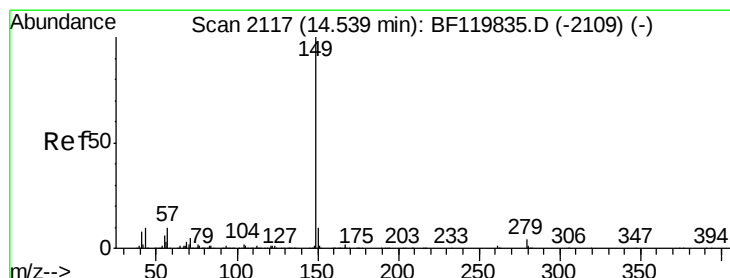
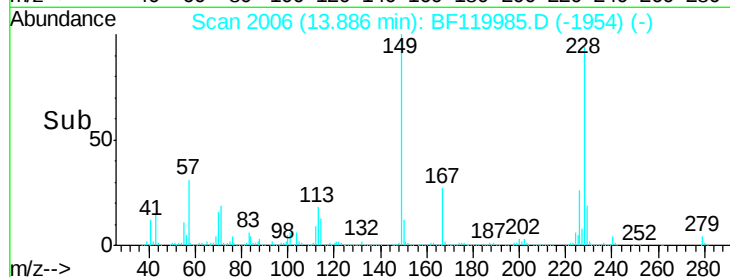
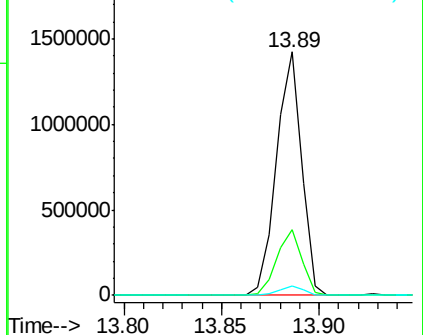
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 47.964 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

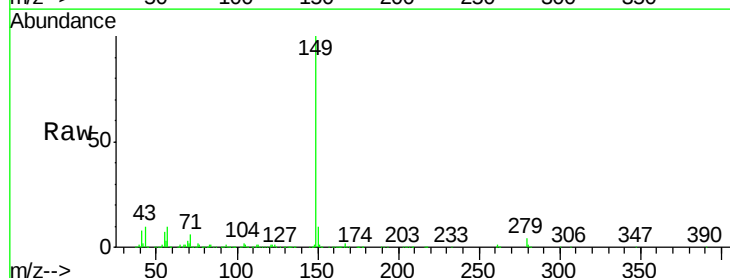
Tgt Ion:149 Resp: 2243847

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

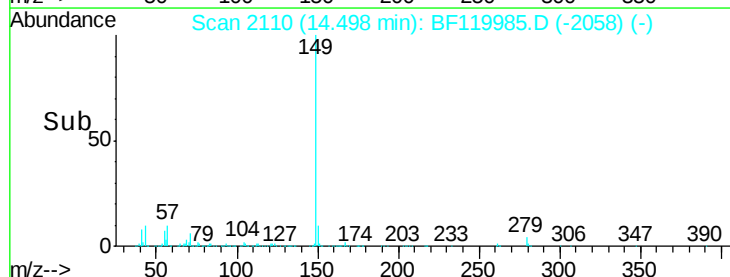
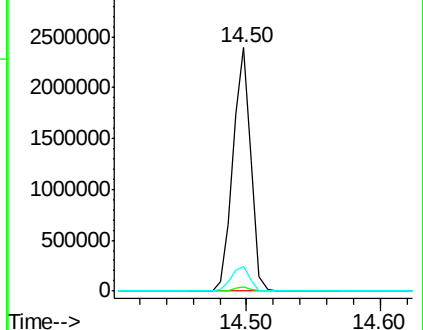
43 10.5 9.2 13.8

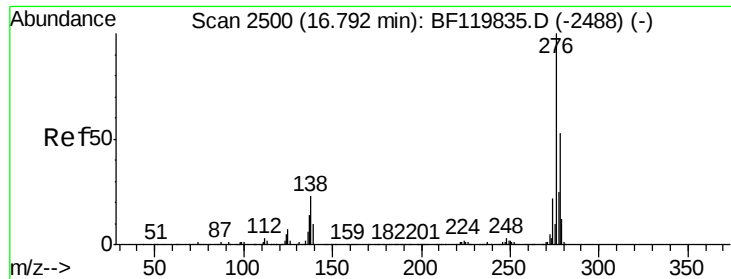


Abundance Ion 149.00 (148.70 to 149.70): E

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: 46.490 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion:276 Resp: 1358687

Ion Ratio Lower Upper

276 100

138 25.1 18.0 27.0

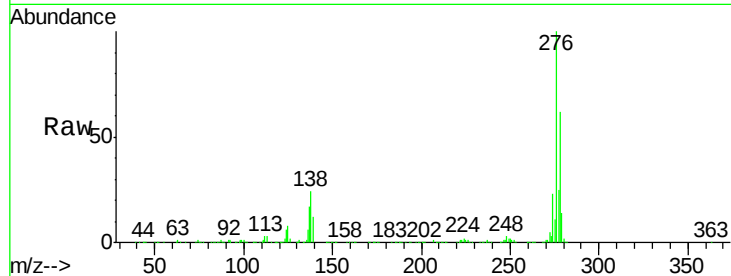
277 24.8 20.1 30.1

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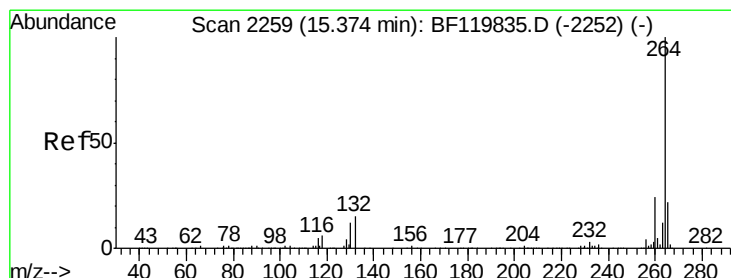
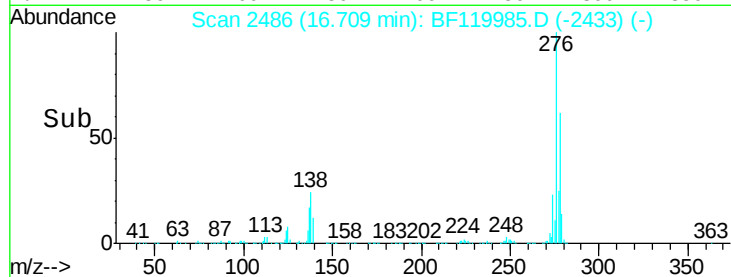
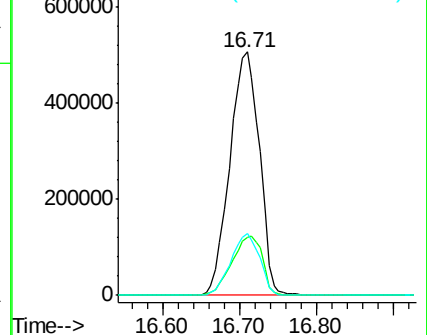
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF119985.D

Acq: 15 Apr 2020 11:25

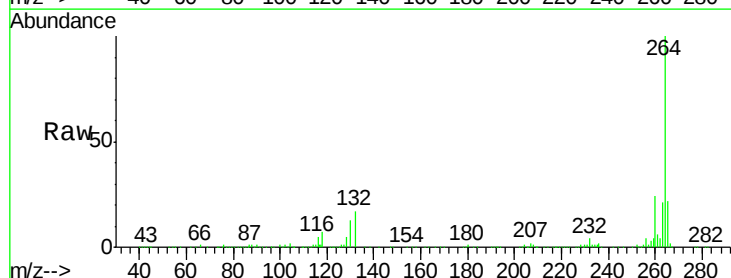
Tgt Ion:264 Resp: 379501

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

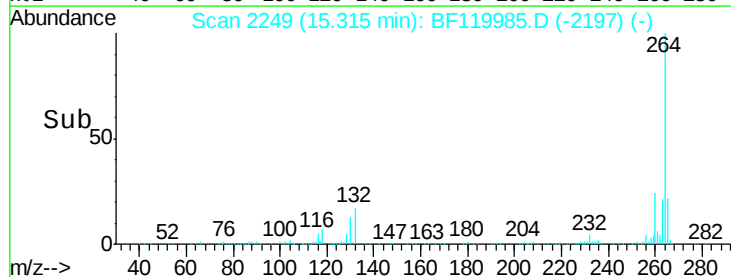
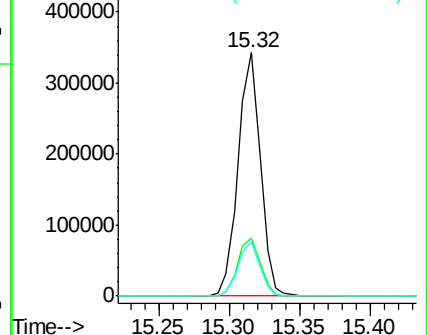
265 22.1 17.6 26.4

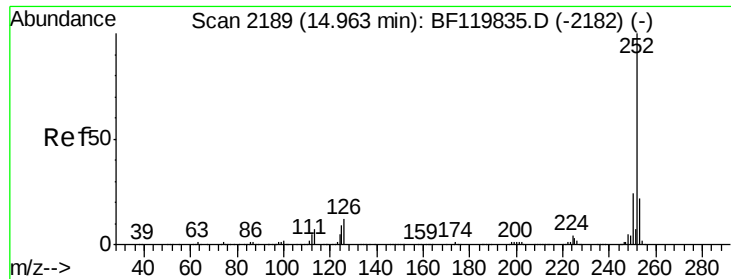


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





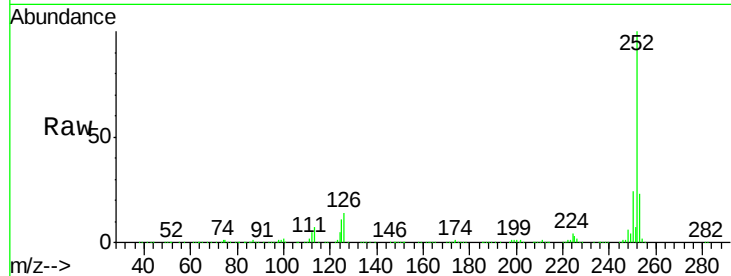
#88
Benzo(b)fluoranthene
Concen: 56.562 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

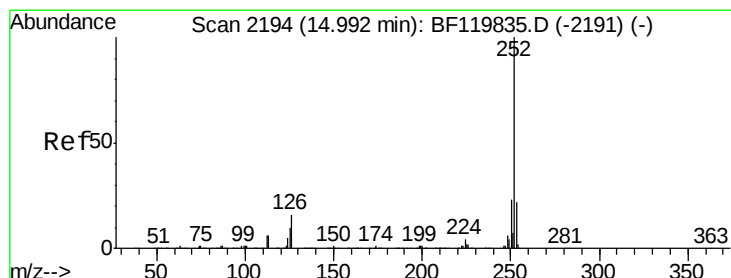
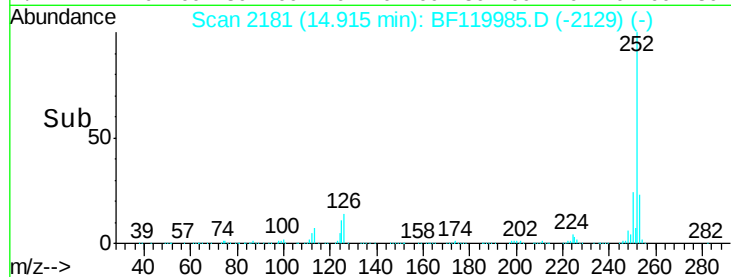
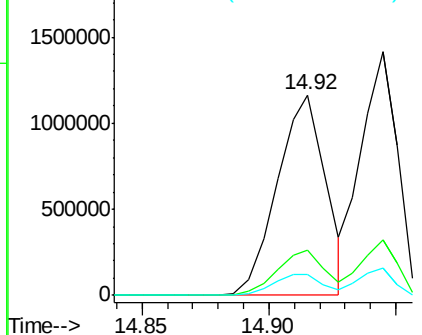
Tot Ion:252 Resp: 1544163
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.6 7.4 11.2

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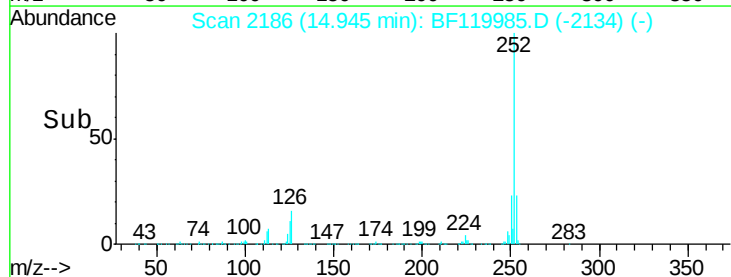
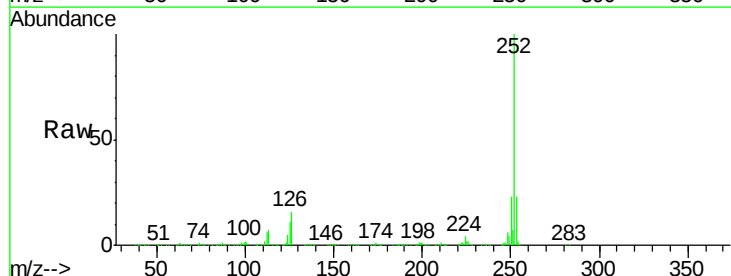
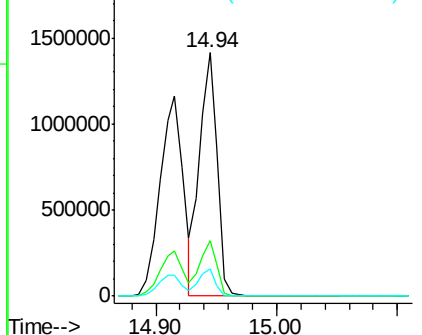
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

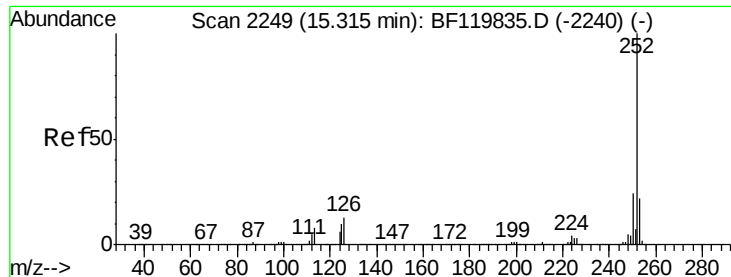


#89
Benzo(k)fluoranthene
Concen: 60.658 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion:252 Resp: 1428815
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.3 7.7 11.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





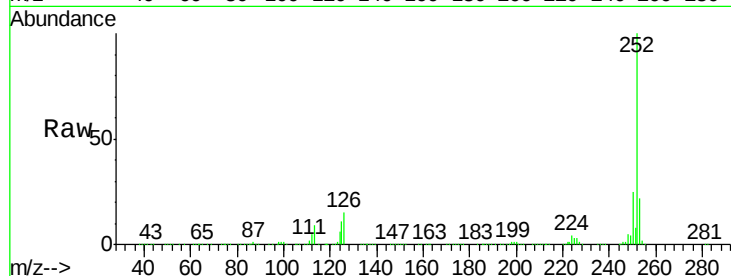
#90
Benzo(a)pyrene
Concen: 56.129 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMS

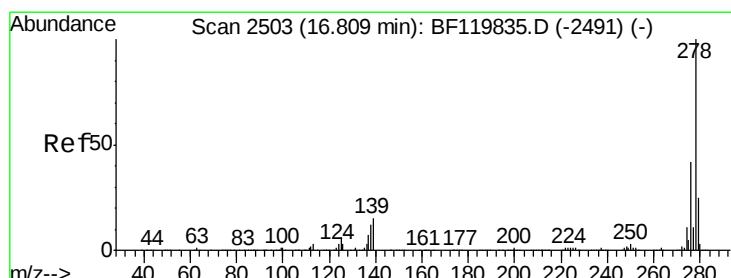
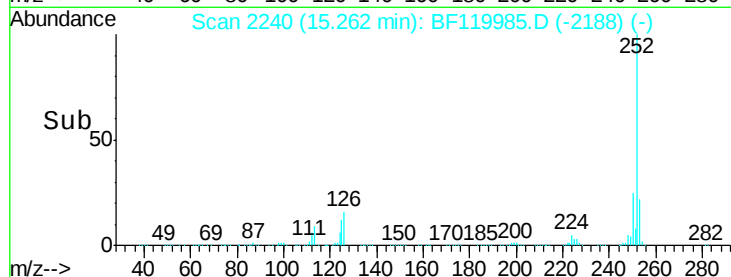
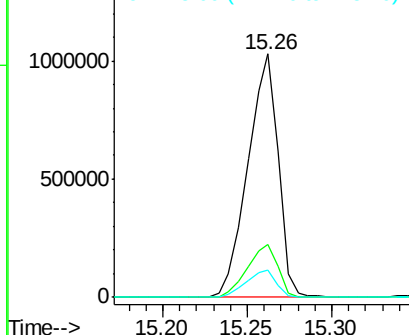
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.2	8.3	12.5

Manual Integrations
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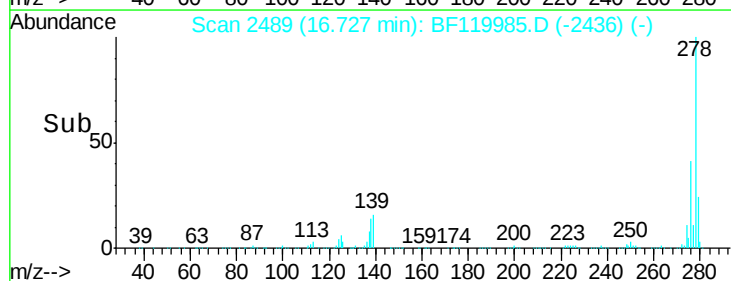
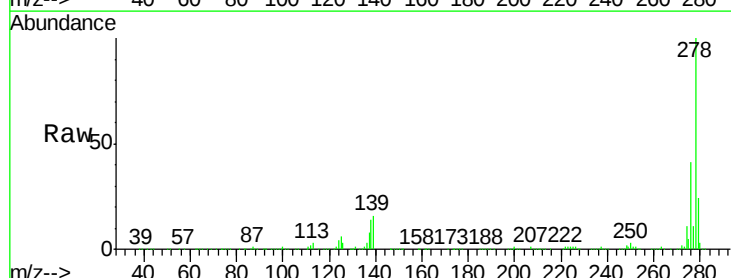
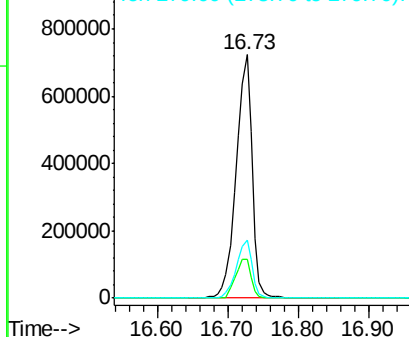
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

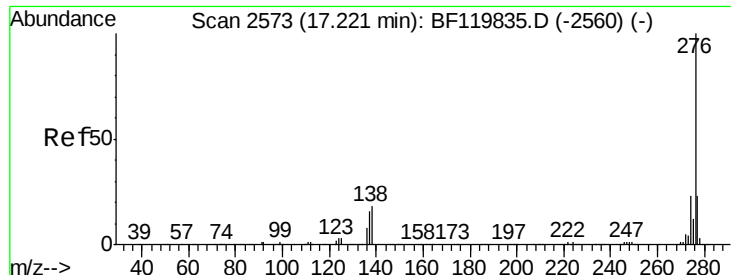


#91
Dibenzo(a,h)anthracene
Concen: 55.885 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF119985.D
Acq: 15 Apr 2020 11:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.6	17.4
279	24.0	19.7	29.5

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





#92
 Benzo(a,h,i)perylene
 Concen: 55.028 ng
 RT: 17.13 min Scan# 2557
 Delta R.T. 0.01 min
 Lab File: BF119985.D
 Acq: 15 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-C3-D3-C3A-D3AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	22.3	14.6	22.0

Manual Integrations
 APPROVED

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