

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119849.D
 Acq On : 9 Apr 2020 3:05
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:26 AM

Quant Time: Apr 09 03:47:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	209916	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	752332	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	402260	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	729256	20.00	ng	0.00
76) Chrysene-d12	13.94	240	511229	20.00	ng	0.00
87) Perylene-d12	15.37	264	487066	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	908604	74.80	ng	0.00
7) Phenol-d6	6.40	99	1172524	74.91	ng	0.00
23) Nitrobenzene-d5	7.34	82	1125454	77.39	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	372947	75.72	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	2157769	76.16	ng	0.00
79) Terphenyl-d14	12.89	244	2245934	73.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	193783	35.819	ng	99
3) Pyridine	3.16	79	520805	35.086	ng	97
4) n-Nitrosodimethylamine	3.12	42	269940	35.593	ng	99
6) Aniline	6.43	93	806345	39.252	ng	100
8) 2-Chlorophenol	6.56	128	532996	39.272	ng	99
9) Benzaldehyde	6.32	77	322190	37.260	ng	97
10) Phenol	6.42	94	690017	38.860	ng	99
11) bis(2-Chloroethyl)ether	6.51	93	537895	39.233	ng	99
12) 1,3-Dichlorobenzene	6.71	146	571509	38.464	ng	100
13) 1,4-Dichlorobenzene	6.79	146	571871	37.783	ng	99
14) 1,2-Dichlorobenzene	6.94	146	517355	37.090	ng	100
15) Benzyl Alcohol	6.92	79	439520	36.155	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	978851	36.690	ng	100
17) 2-Methylphenol	7.03	107	435394	35.948	ng	98
18) Hexachloroethane	7.29	117	204388	36.133	ng	# 90
19) n-Nitroso-di-n-propylamine	7.19	70	383128	38.066	ng	98
20) 3+4-Methylphenols	7.19	107	552245	37.281	ng	89
22) Acetophenone	7.19	105	670941	38.084	ng	97
24) Nitrobenzene	7.36	77	557180	38.087	ng	100
25) Isophorone	7.60	82	1072747	38.267	ng	99
26) 2-Nitrophenol	7.67	139	297886	40.758	ng	90
27) 2,4-Dimethylphenol	7.71	122	414626	37.615	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	659666	39.989	ng	99
29) 2,4-Dichlorophenol	7.92	162	421261	37.284	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	491259	38.372	ng	98
31) Naphthalene	8.08	128	1487639	37.583	ng	100
32) Benzoic acid	7.85	122	362248	37.419	ng	97
33) 4-Chloroaniline	8.13	127	623600	36.189	ng	99
34) Hexachlorobutadiene	8.20	225	295632	38.576	ng	98
35) Caprolactam	8.51	113	138031	39.937	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	499452	40.829	ng	94
37) 2-Methylnaphthalene	8.77	142	1080131	40.250	ng	99
38) 1-Methylnaphthalene	8.87	142	1012024	40.011	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	502193	39.527	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	286882	39.709	nq	97
43) 2,4,6-Trichlorophenol	9.05	196	317241	36.159	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	368525	37.294	nq	99
46) 1,1'-Biphenyl	9.24	154	1314416	38.713	nq	99
47) 2-Chloronaphthalene	9.26	162	965234	36.903	nq	97
48) 2-Nitroaniline	9.36	65	350854	37.016	nq	97
49) Acenaphthylene	9.67	152	1544225	38.821	nq	100
50) Dimethylphthalate	9.55	163	1160791	37.307	nq	99
51) 2,6-Dinitrotoluene	9.60	165	255471	37.495	nq	88
52) Acenaphthene	9.85	154	1019078m	38.406	nq	
53) 3-Nitroaniline	9.77	138	300197	38.577	nq	99
54) 2,4-Dinitrophenol	9.87	184	152366	37.352	nq	97
55) Dibenzofuran	10.02	168	1352563	37.146	nq	100
56) 4-Nitrophenol	9.93	139	221362	38.232	nq	99
57) 2,4-Dinitrotoluene	10.00	165	330821	36.853	nq	96
58) Fluorene	10.36	166	1059902	36.397	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	280799	37.155	nq	98
60) Diethylphthalate	10.24	149	1176305	36.477	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	533064	35.716	nq	97
62) 4-Nitroaniline	10.39	138	286434	38.624	nq	98
63) Azobenzene	10.52	77	1150877	39.823	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	186213	38.759	nq	92
66) n-Nitrosodiphenylamine	10.47	169	1017912	41.971	nq	99
67) 4-Bromophenyl-phenylether	10.85	248	349428	38.530	nq	97
68) Hexachlorobenzene	10.92	284	366822	39.871	nq	# 91
69) Atrazine	11.00	200	264020	39.126	nq	97
70) Pentachlorophenol	11.10	266	205021	38.670	nq	99
71) Phenanthrene	11.33	178	1453559	37.451	nq	99
72) Anthracene	11.37	178	1496702	37.749	nq	99
73) Carbazole	11.53	167	1402447	37.404	nq	100
74) Di-n-butylphthalate	11.87	149	1909745	38.745	nq	100
75) Fluoranthene	12.52	202	1570638	37.506	nq	97
77) Benzidine	12.63	184	491059	28.416	nq	99
78) Pyrene	12.74	202	1675067	38.867	nq	99
80) Butylbenzylphthalate	13.36	149	784455	37.511	nq	99
81) Benzo(a)anthracene	13.93	228	1233416	36.674	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	476410	37.965	nq	97
83) Chrysene	13.97	228	1303518	38.145	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	1061557	37.485	nq	100
85) Di-n-octyl phthalate	14.54	149	1851648	38.401	nq	100
86) Indeno(1,2,3-cd)pyrene	16.79	276	1118555	37.133	nq	100
88) Benzo(b)fluoranthene	14.96	252	1218156	34.766	nq	99
89) Benzo(k)fluoranthene	14.99	252	1022255	33.814	nq	99
90) Benzo(a)pyrene	15.32	252	1112050	37.748	nq	98
91) Dibenzo(a,h)anthracene	16.81	278	922364	35.346	nq	99
92) Benzo(g,h,i)perylene	17.22	276	857110	33.274	nq	98

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

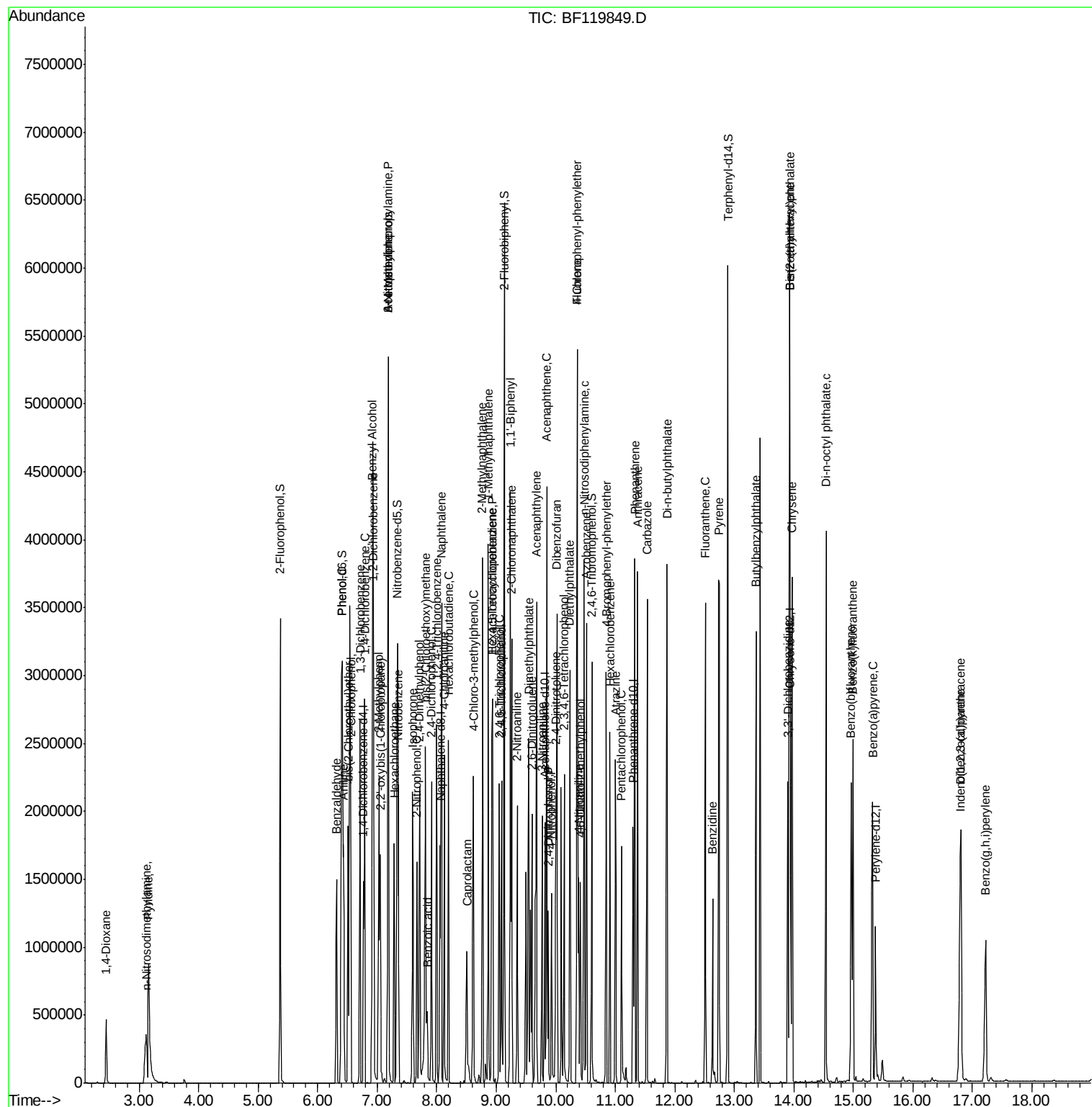
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#1

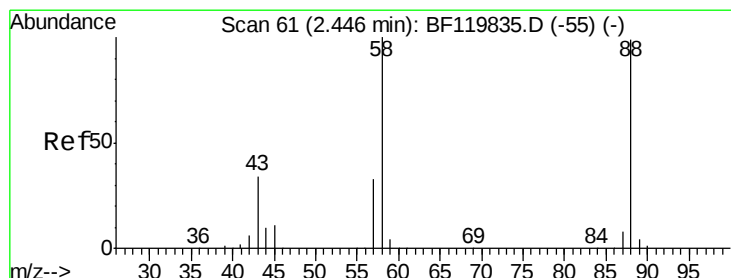
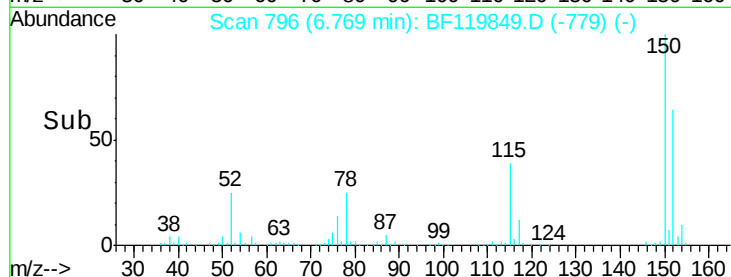
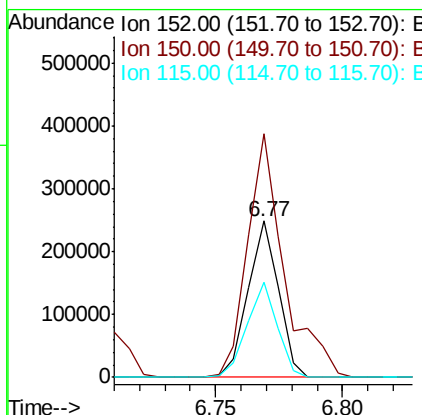
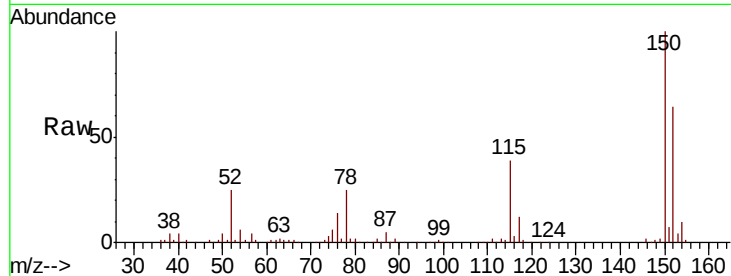
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.8	187.2
115	60.8	46.5	69.7

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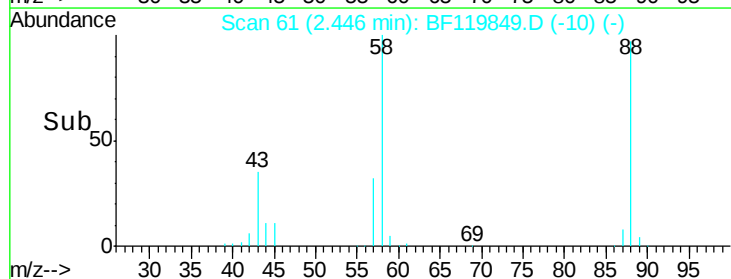
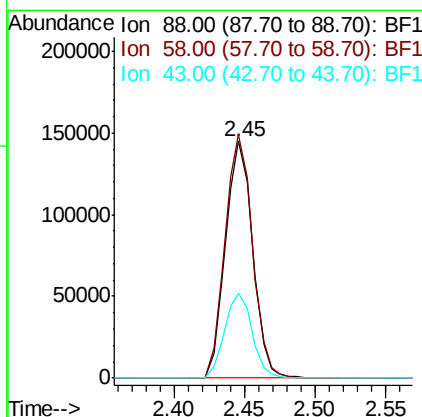
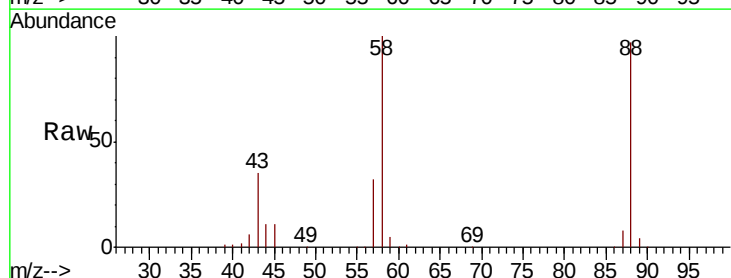
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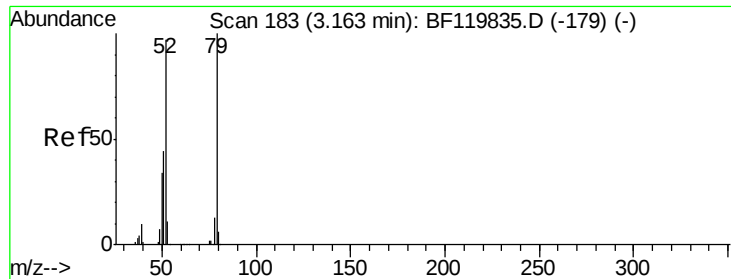


#2

1,4-Dioxane
Concen: 35.819 ng
RT: 2.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.0	82.6	123.8
43	36.4	28.6	42.8





#3

Pvridine

Concen: 35.086 ng

RT: 3.16 min Scan# 182

Delta R.T. -0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

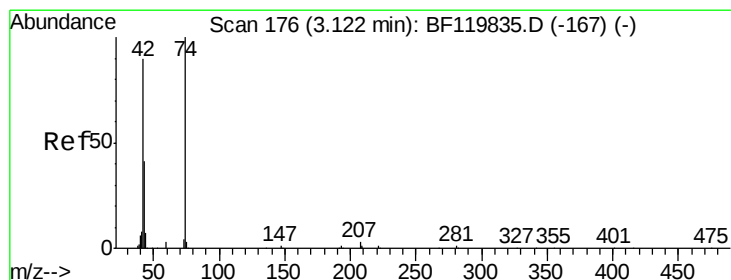
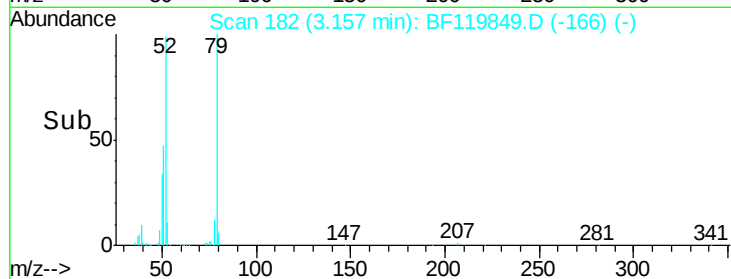
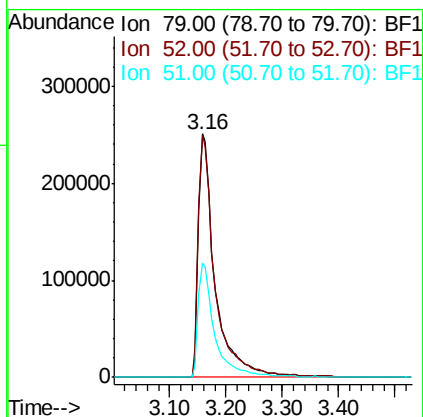
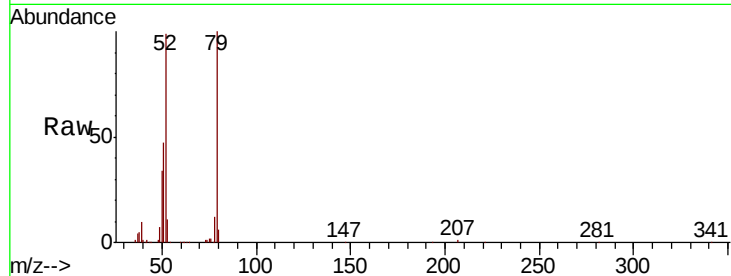
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	520805
Ion	Ratio	Lower	Upper
79	100		
52	99.3	77.4	116.0
51	47.0	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 35.593 ng

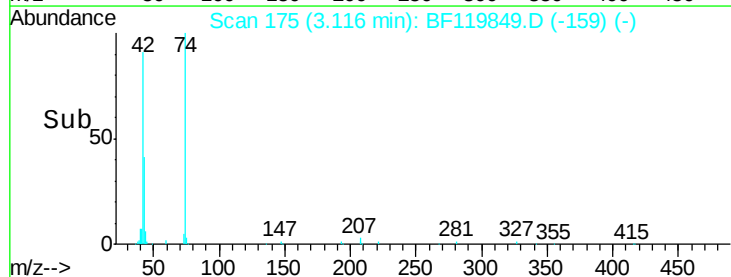
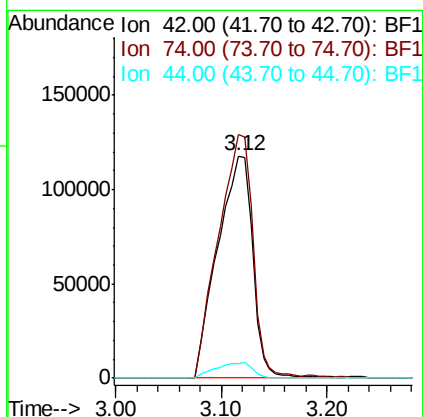
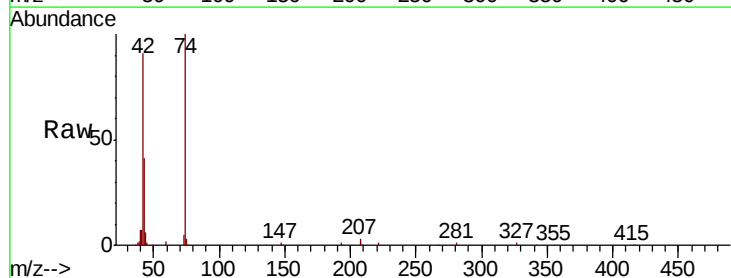
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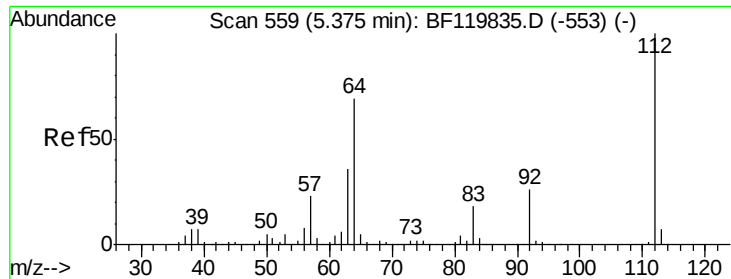
Delta R.T. -0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Tgt Ion:	42	Resp:	269940
Ion	Ratio	Lower	Upper
42	100		
74	109.7	89.0	133.4
44	6.8	6.2	9.4





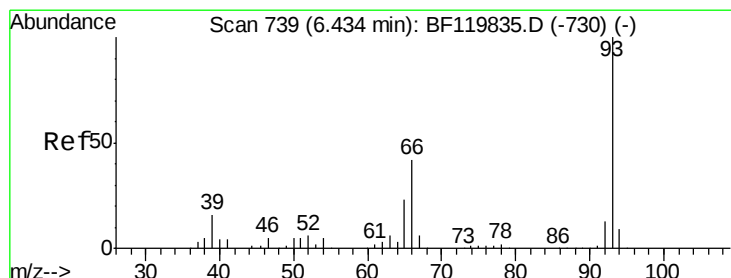
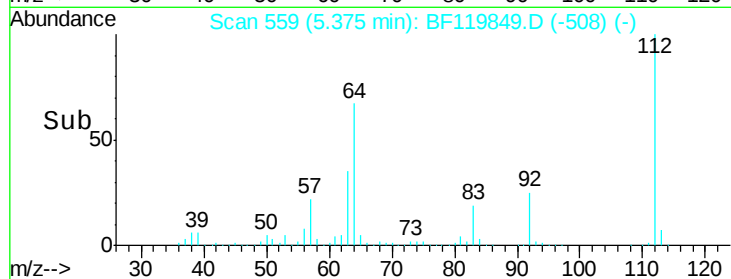
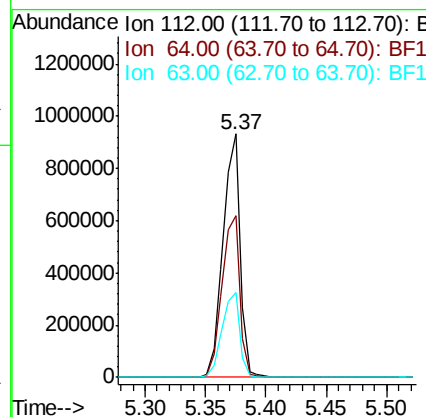
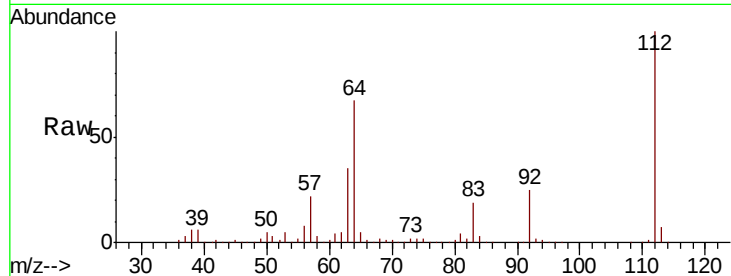
#5
2-Fluorophenol
Concen: 74.803 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	66.6	55.5	83.3
63	35.0	29.1	43.7

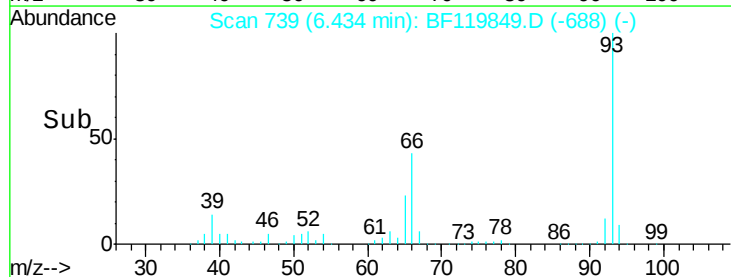
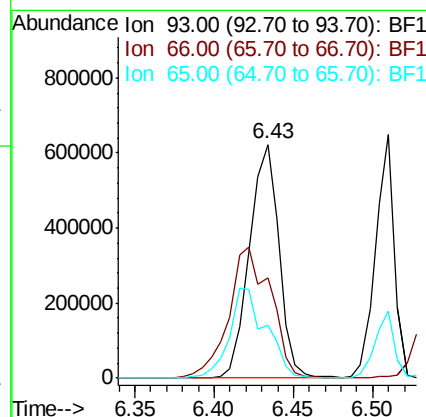
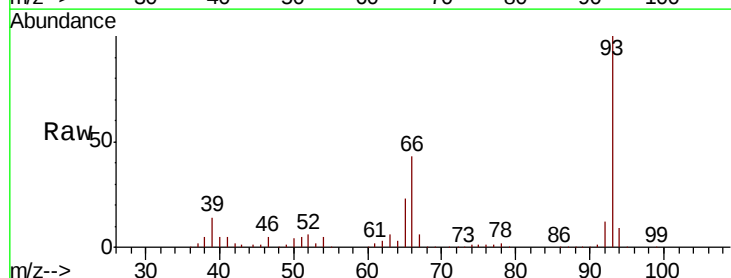
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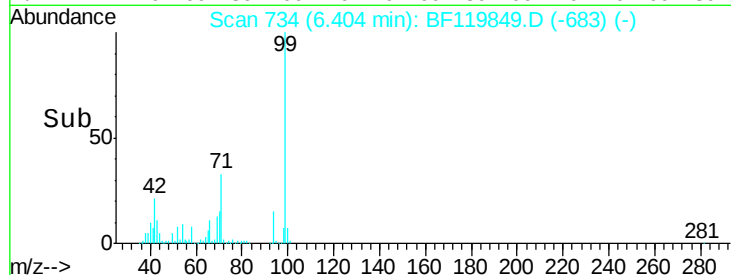
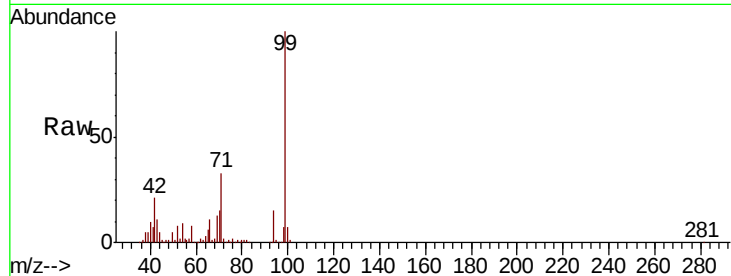
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#6
Aniline
Concen: 39.252 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.9	34.2	51.2
65	22.6	18.3	27.5





#7

Phenol-d6

Concen: 74.914 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Tot Ion: 99 Resp: 1172524

Ion Ratio Lower Upper

99 100

42 21.1 16.9 25.3

71 33.4 26.3 39.5

Instrument :

BNA_F

ClientSampleId :

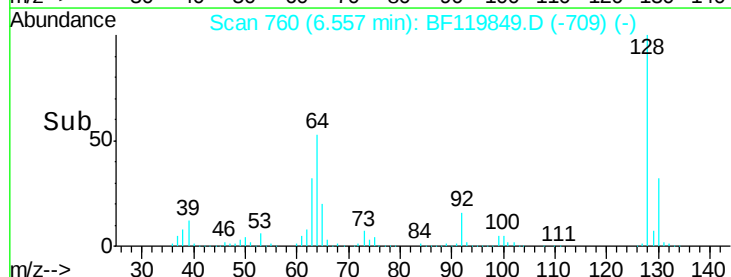
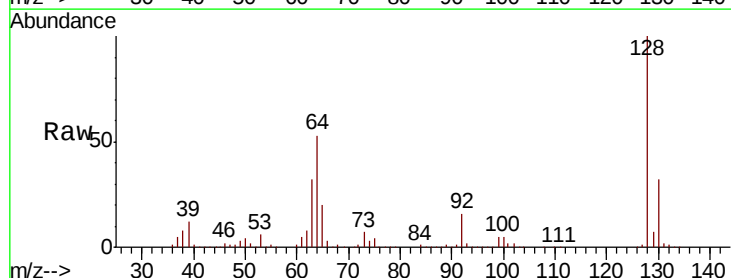
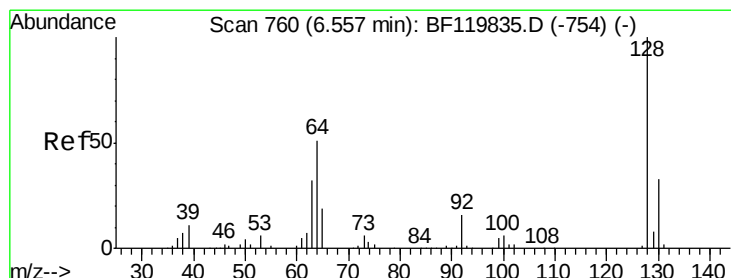
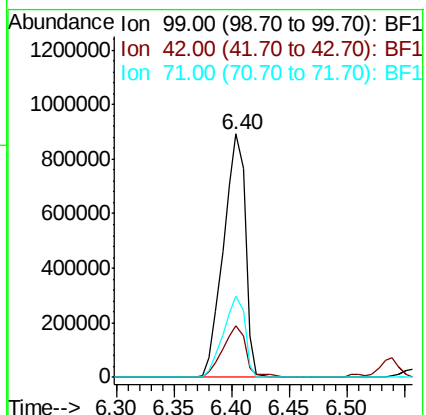
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#8

2-Chlorophenol

Concen: 39.272 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

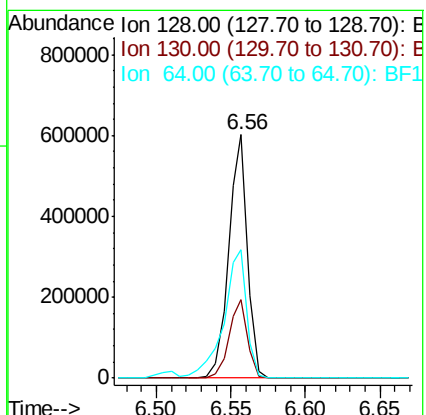
Tgt Ion:128 Resp: 532996

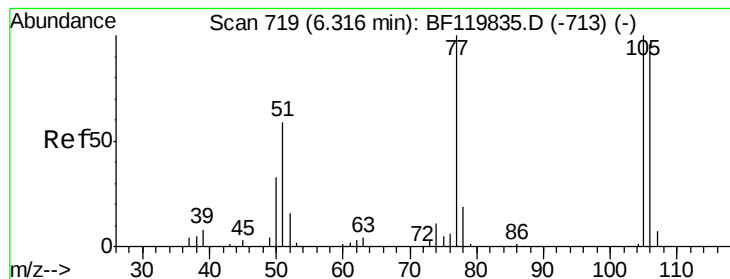
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 53.0 32.0 72.0





#9

Benzaldehyde

Concen: 37.260 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

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BNA_F

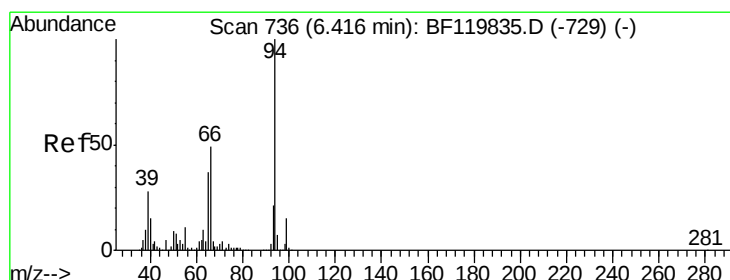
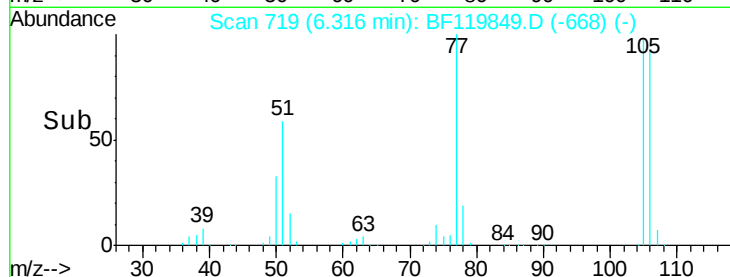
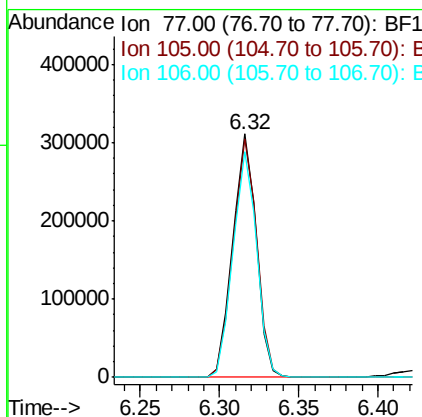
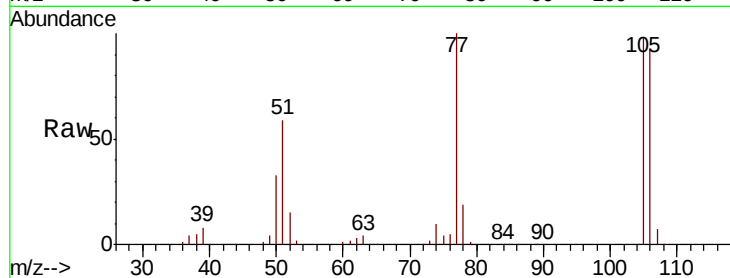
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	322190
Ion	Ratio	Lower	Upper
77	100		
105	98.0	79.9	119.9
106	92.6	76.4	116.4

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#10

Phenol

Concen: 38.860 ng

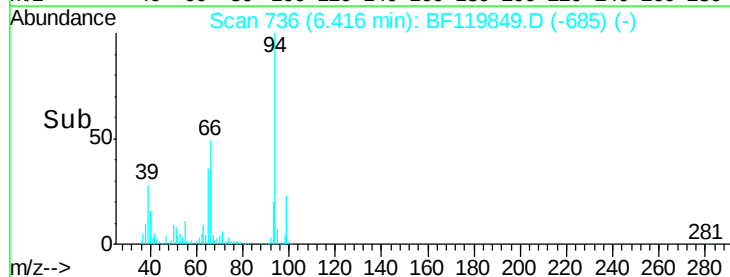
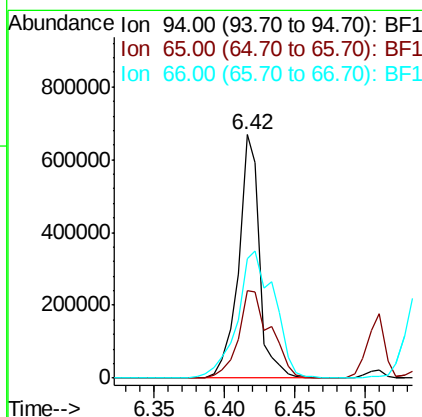
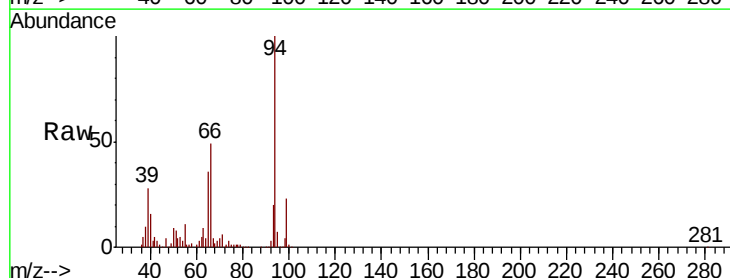
RT: 6.42 min Scan# 736

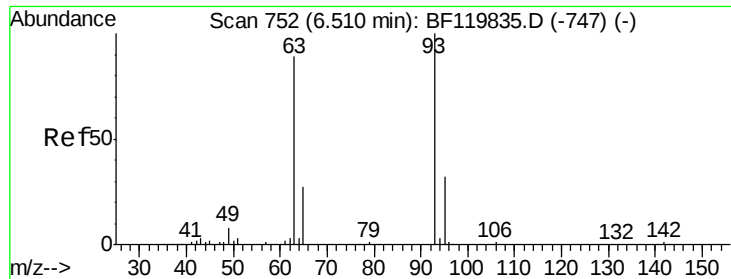
Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Tgt Ion:	94	Resp:	690017
Ion	Ratio	Lower	Upper
94	100		
65	35.9	16.6	56.6
66	48.9	29.3	69.3





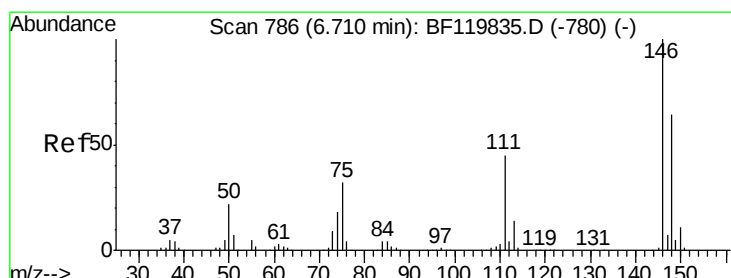
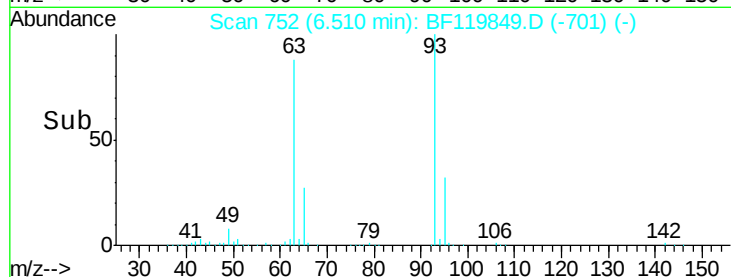
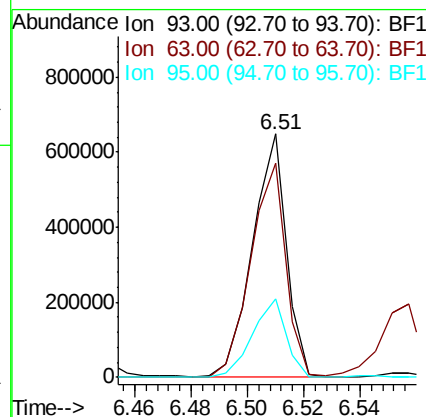
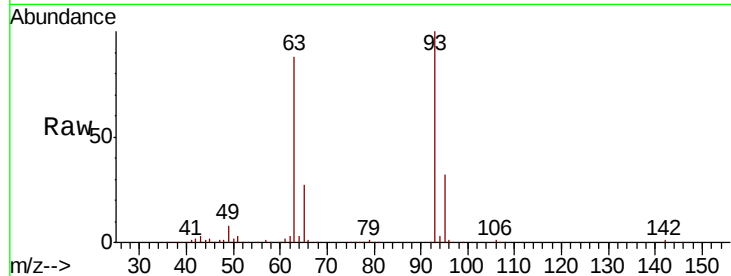
#11
bis(2-Chloroethyl)ether
Concen: 39.233 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.0	69.1	109.1
95	32.5	12.3	52.3

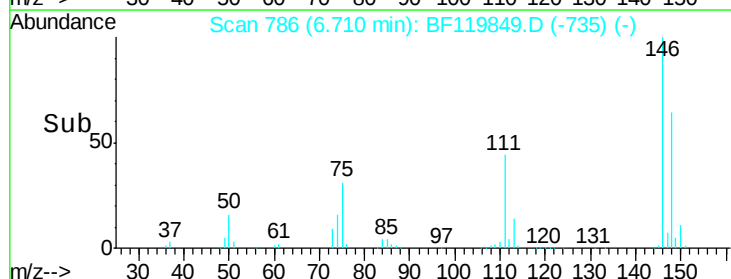
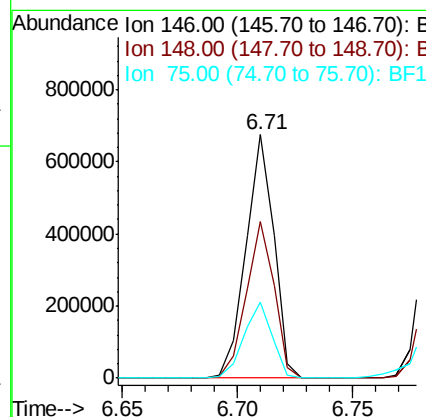
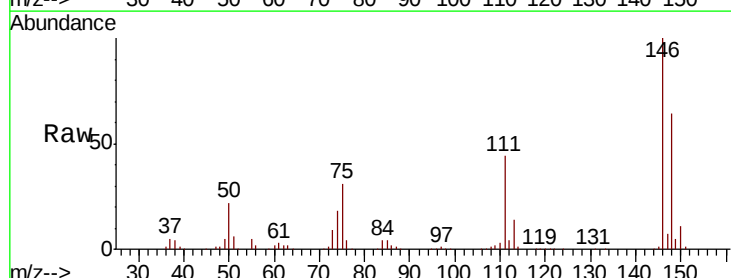
Manual Integrations
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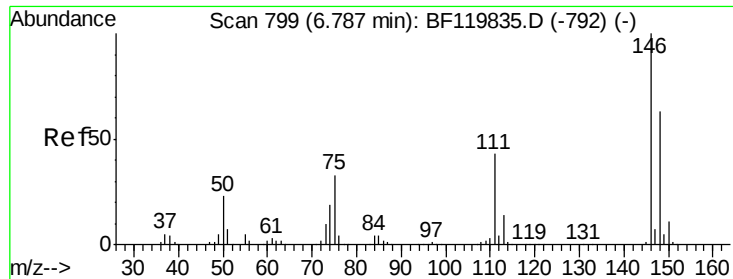
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.464 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.3	76.9
75	31.4	25.3	37.9





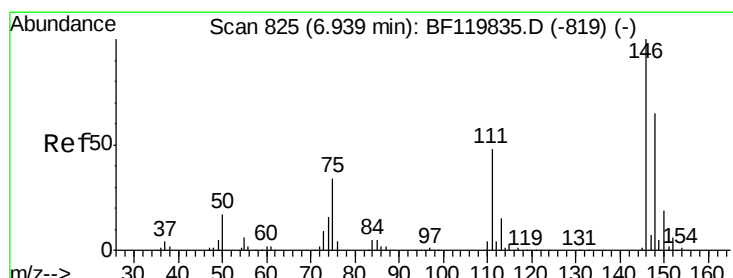
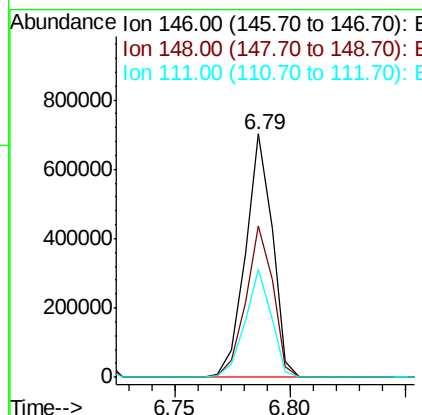
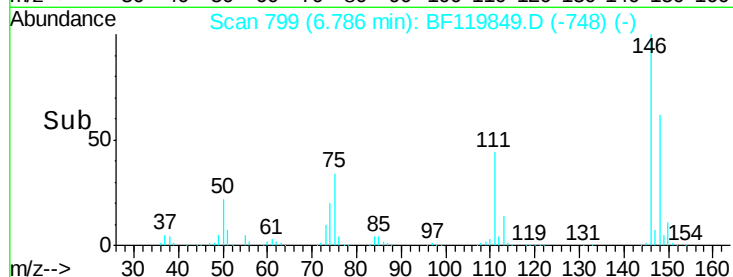
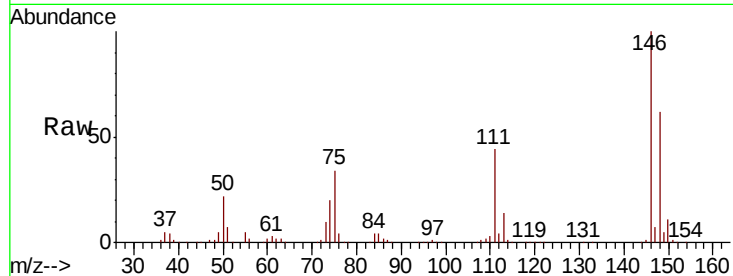
#13
 1,4-Dichlorobenzene
 Concen: 37.783 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.5	75.7
111	44.2	34.7	52.1

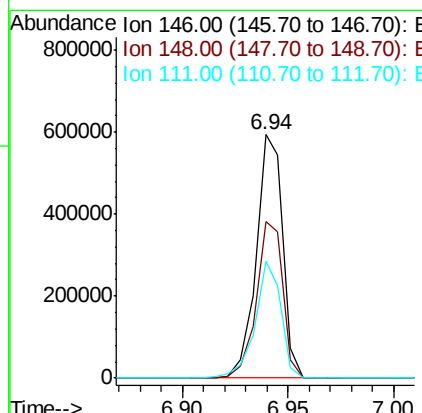
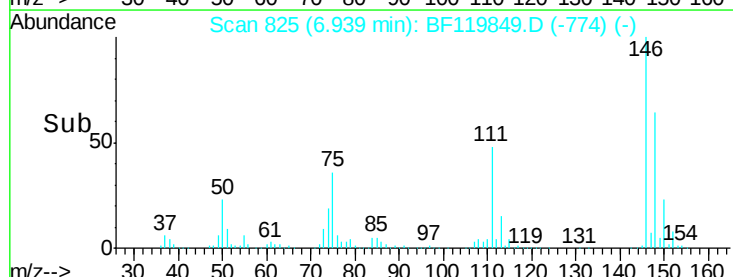
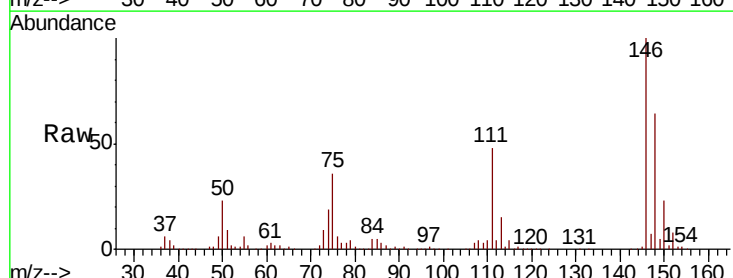
Manual Integrations
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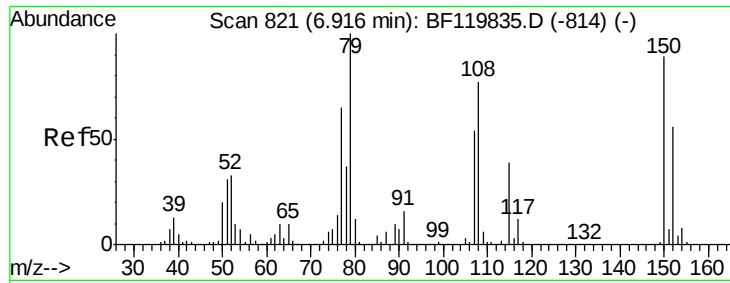
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.090 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
111	47.8	38.0	57.0





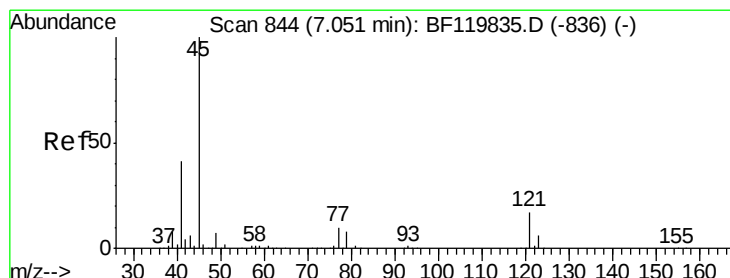
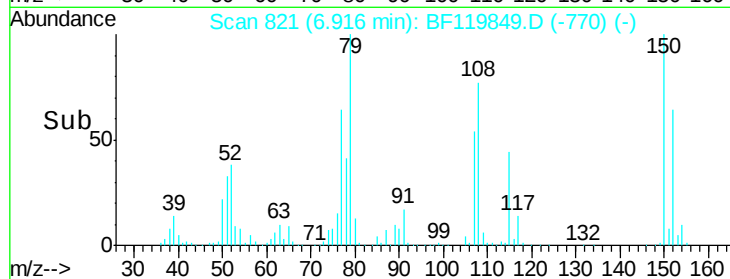
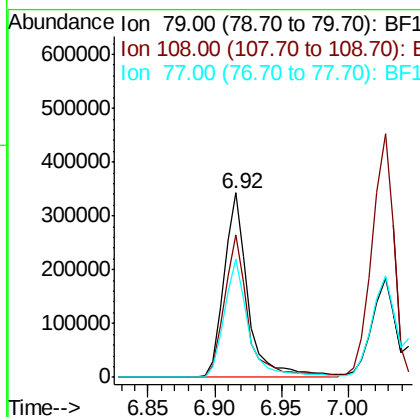
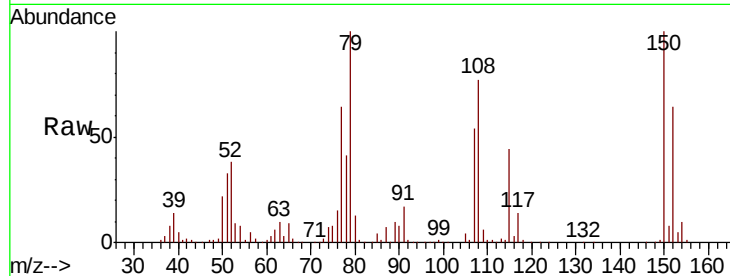
#15
Benzyl Alcohol
Concen: 36.155 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.2	62.0	93.0
77	64.2	51.8	77.6

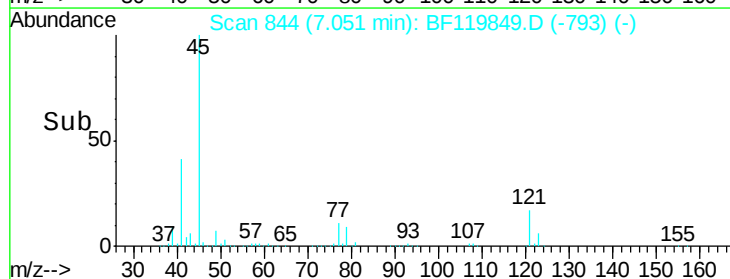
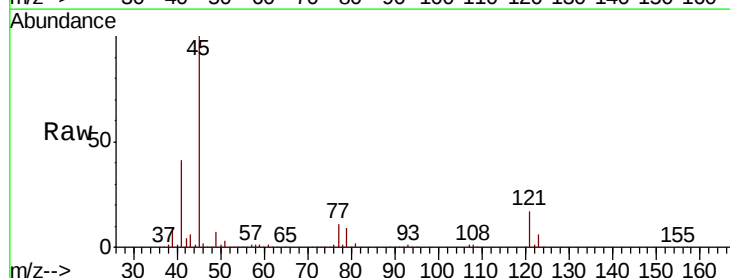
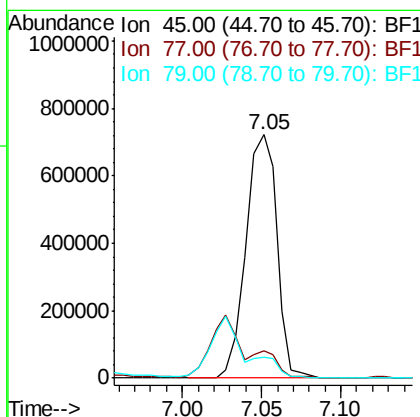
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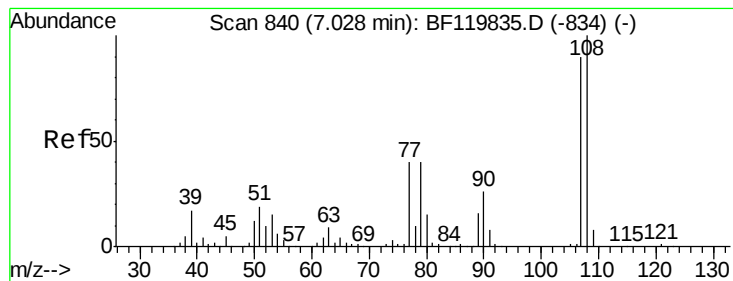
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.690 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.7
79	8.5	0.0	28.6





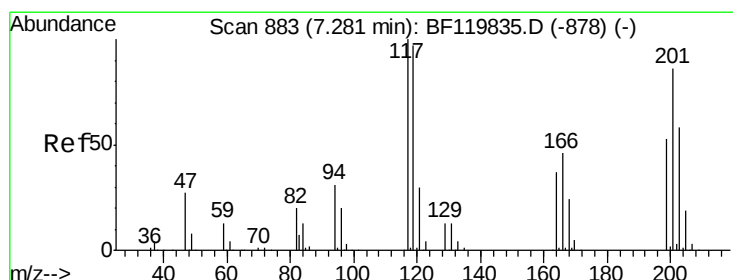
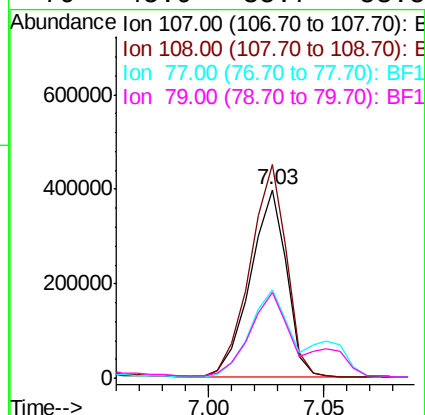
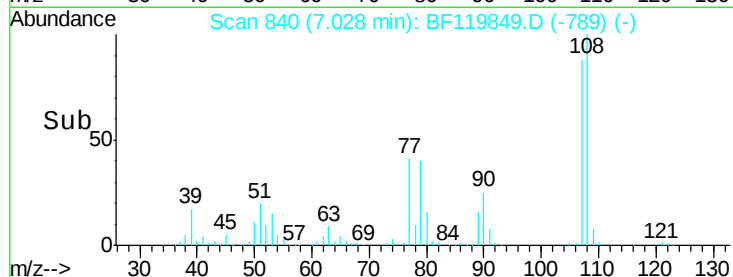
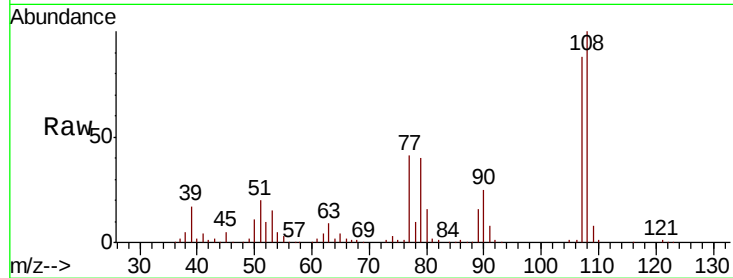
#17
2-Methylphenol
Concen: 35.948 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	435394
Ion Ratio	Lower	Upper	
107	100		
108	113.4	88.8	133.2
77	47.0	36.0	54.0
79	45.9	35.7	53.5

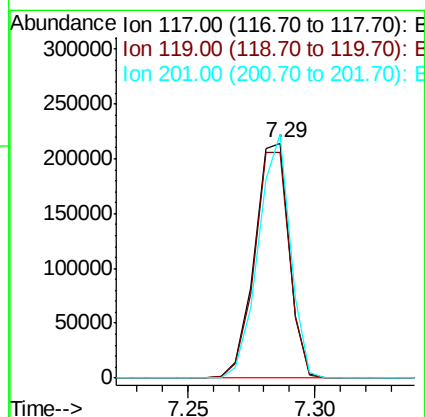
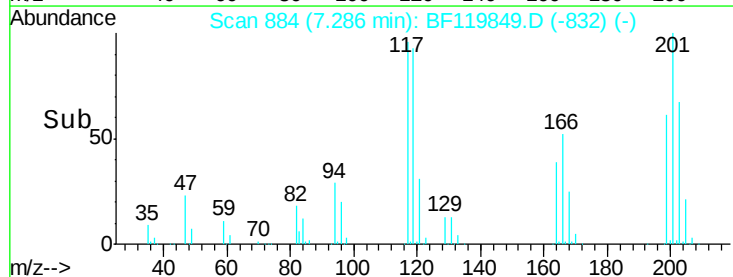
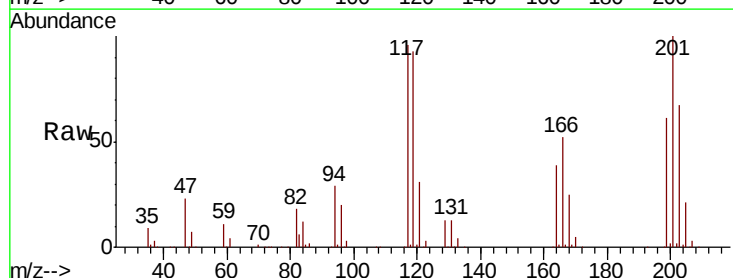
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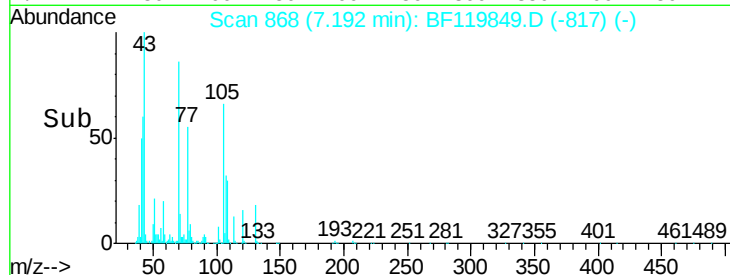
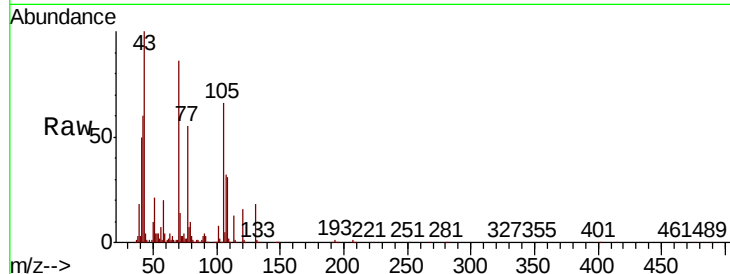
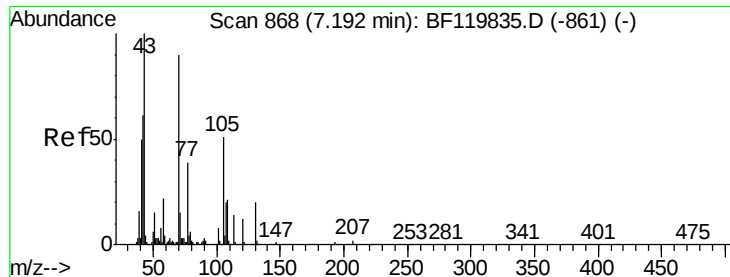
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#18
Hexachloroethane
Concen: 36.133 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

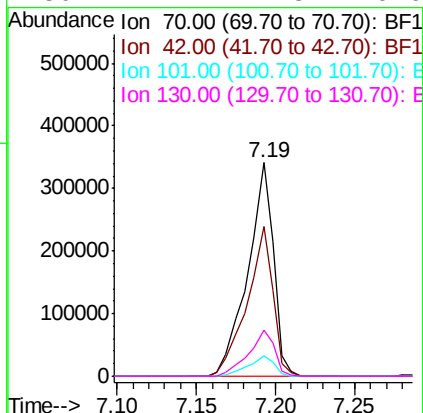
Tgt Ion:	117	Resp:	204388
Ion Ratio	Lower	Upper	
117	100		
119	96.1	77.4	116.0
201	103.6	68.4	102.6#





#19
n-Nitroso-di-n-propylamine
Concen: 38.066 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

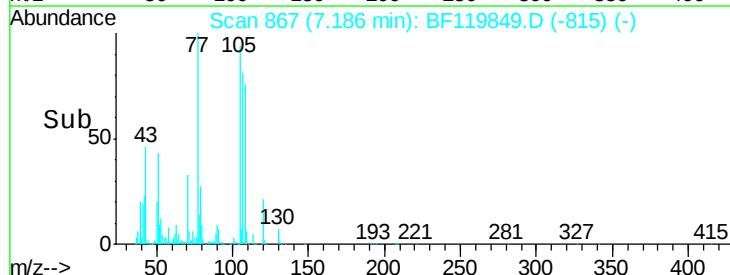
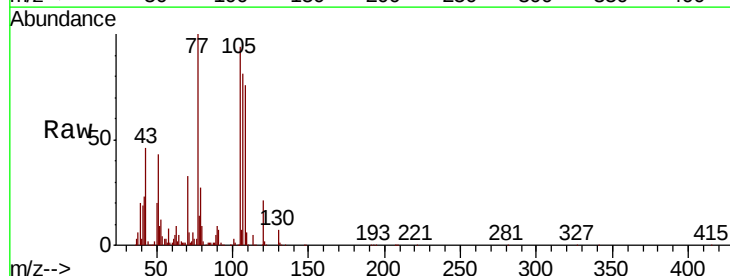
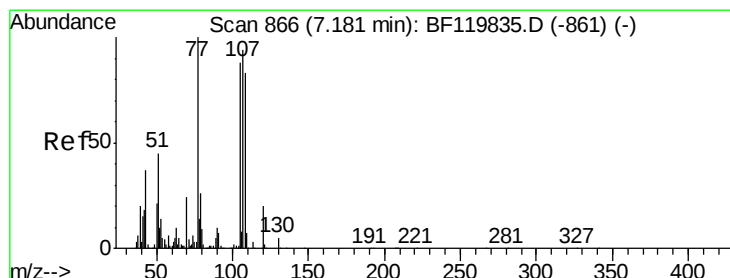
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.0	54.2	81.4	
101	9.7	7.4	11.2	
130	21.4	17.8	26.6	



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

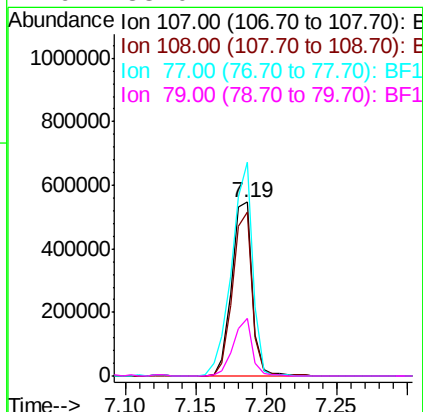
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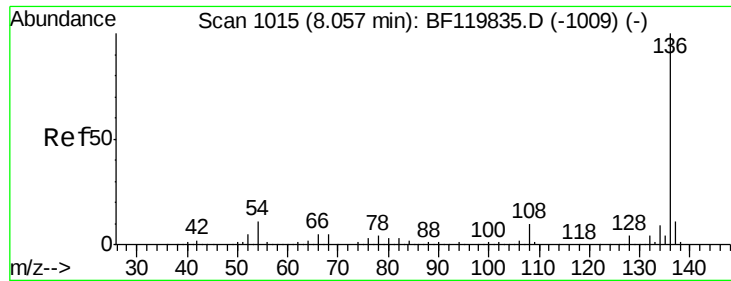
mohammad
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#20
3+4-Methylphenols
Concen: 37.281 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.0	68.2	108.2	
77	122.9	86.6	126.6	
79	33.0	7.7	47.7	





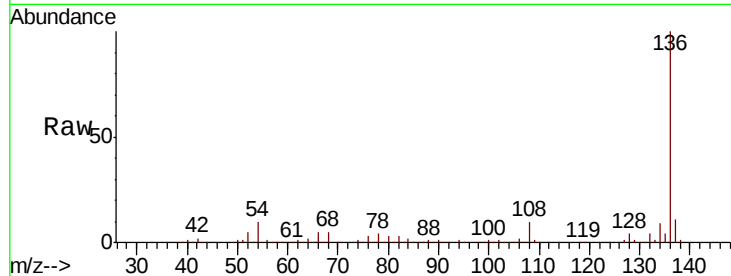
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	752332		
137	11.3		8.7	13.1
54	9.9		8.5	12.7
68	5.2		3.9	5.9

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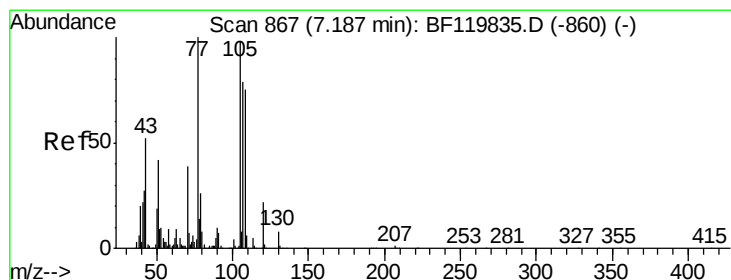
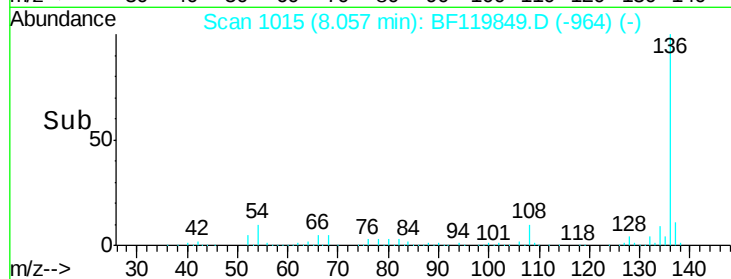
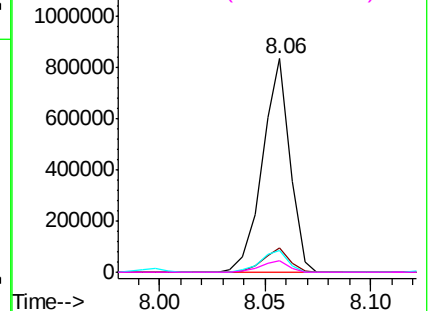
Abundance

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: 38.084 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	670941		
71	5.9		5.6	8.4
51	45.1		33.9	50.9
120	22.5		17.8	26.8

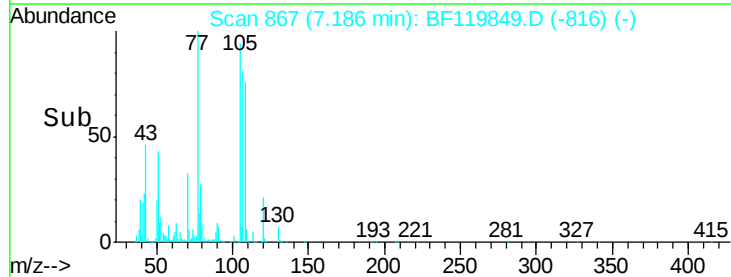
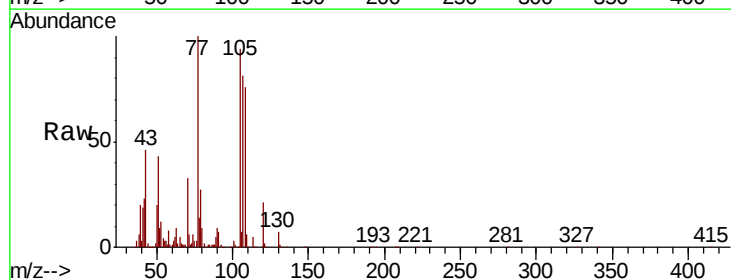
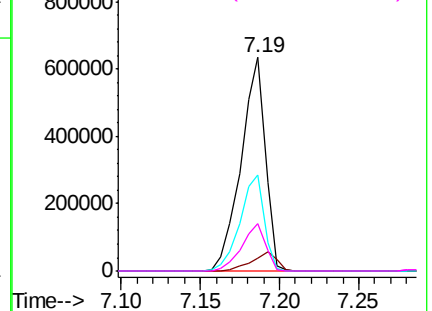
Abundance

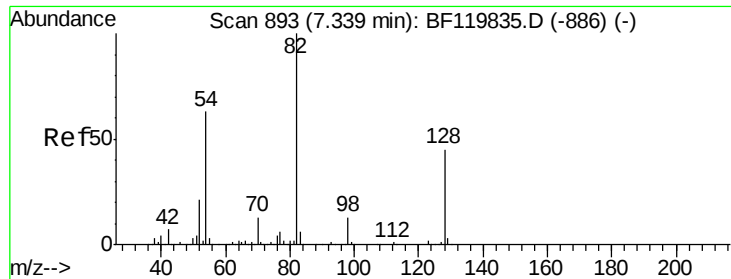
Ion 105.00 (104.70 to 105.70): E

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: 77.391 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

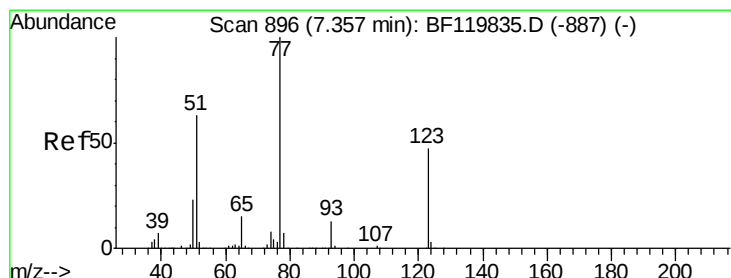
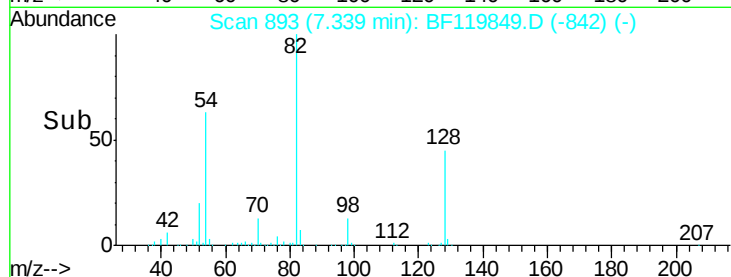
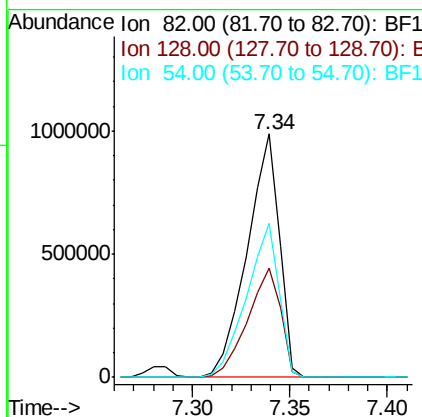
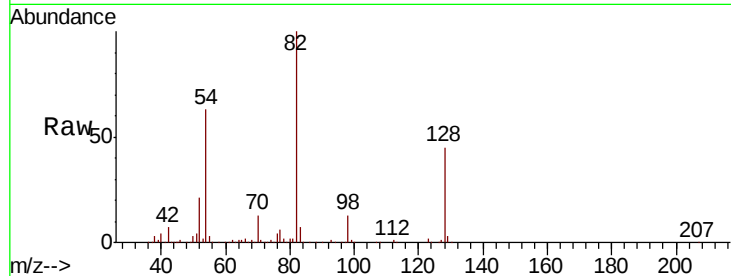
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	1125454
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.2	54.4
54	63.3	50.4	75.6

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#24

Nitrobenzene

Concen: 38.087 ng

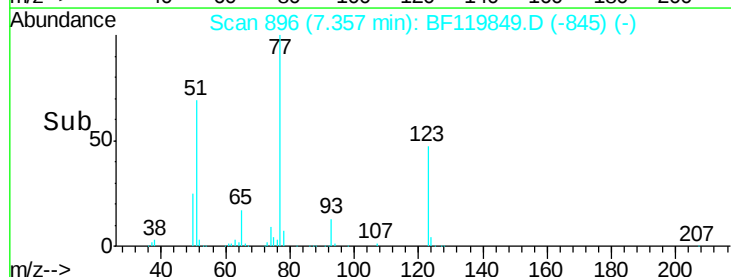
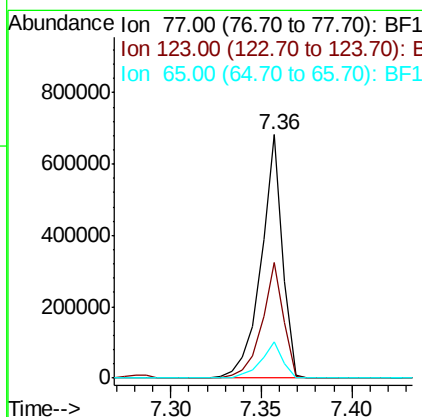
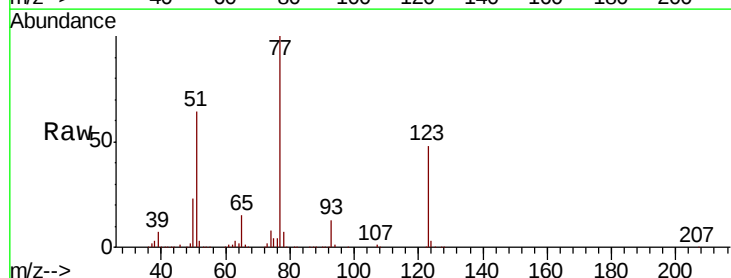
RT: 7.36 min Scan# 896

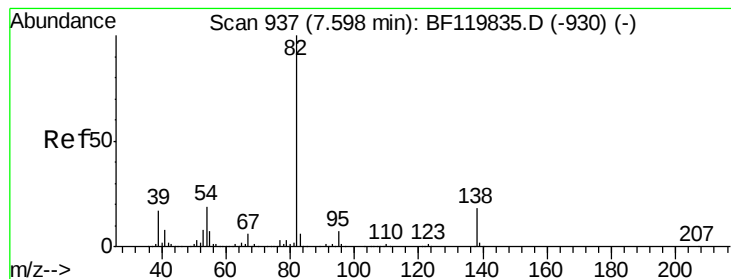
Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Tgt Ion:	77	Resp:	557180
Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.8	56.8
65	15.1	12.2	18.2





#25

Isophorone

Concen: 38.267 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1072747

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

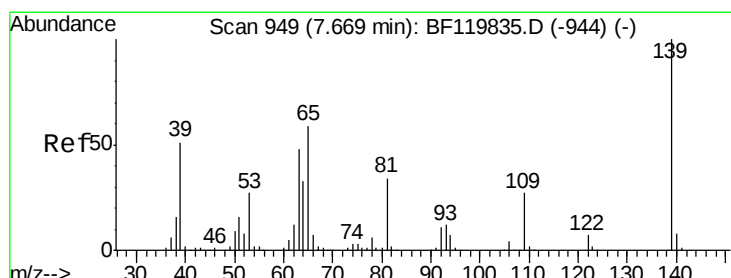
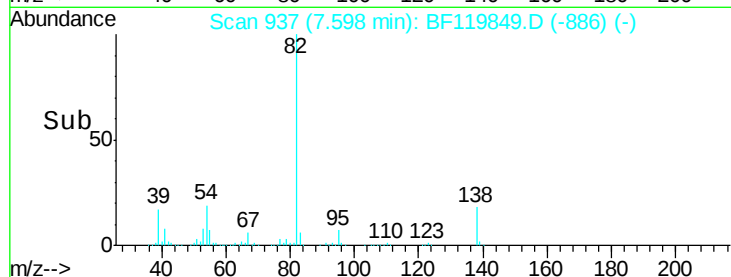
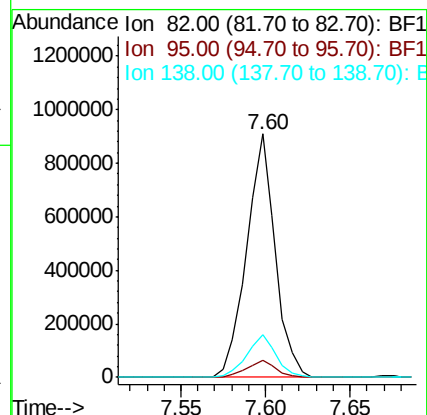
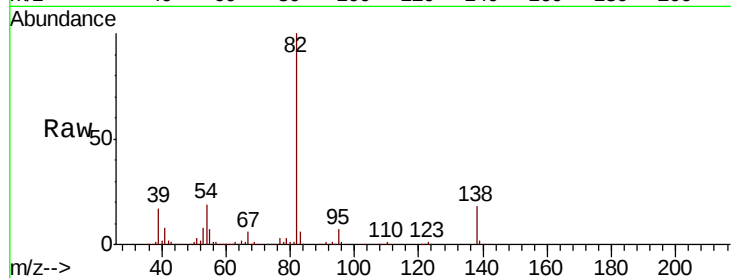
138 17.7 14.5 21.7

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#26

2-Nitrophenol

Concen: 40.758 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

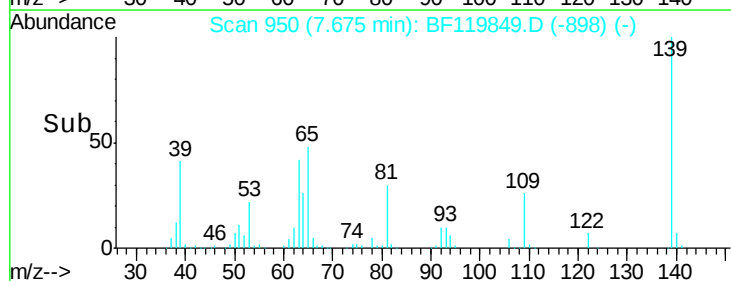
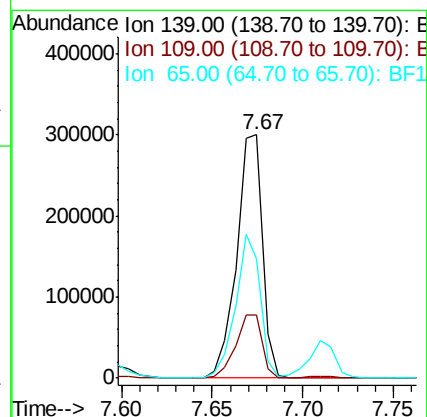
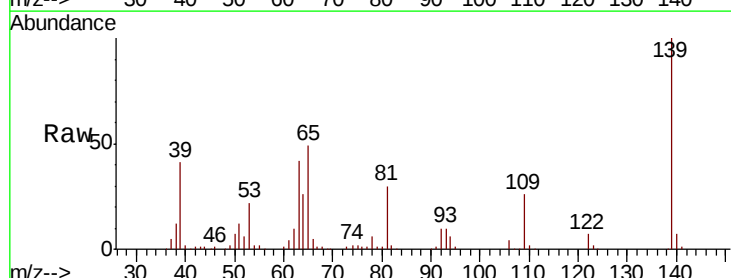
Tgt Ion: 139 Resp: 297886

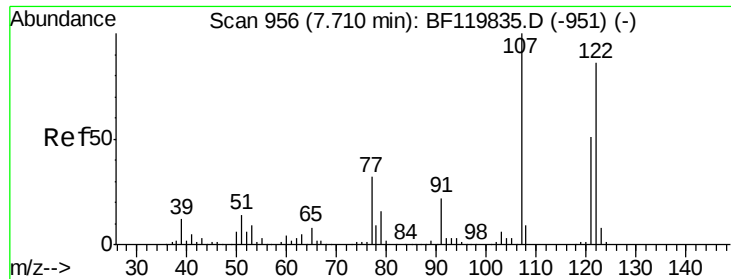
Ion Ratio Lower Upper

139 100

109 26.0 21.8 32.6

65 48.8 47.0 70.4





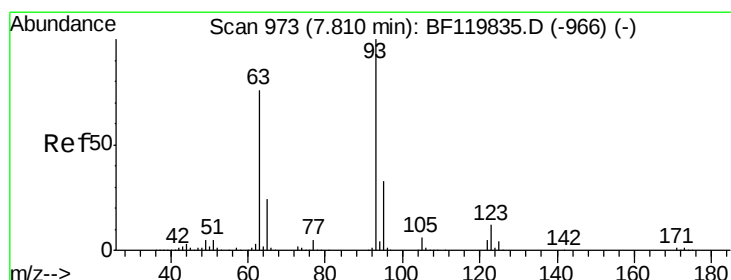
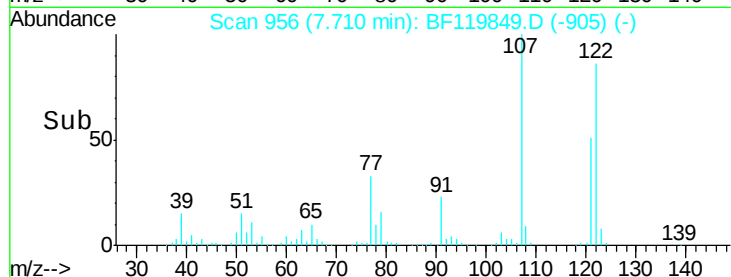
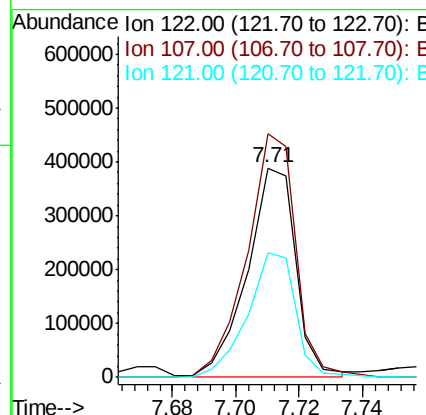
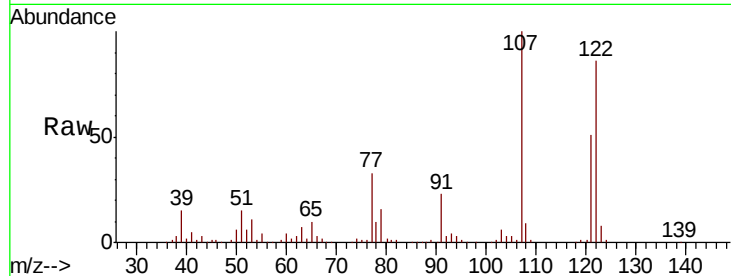
#27
 2,4-Dimethylphenol
 Concen: 37.615 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		414626		
107	116.1	92.3	138.5		
121	59.7	46.6	70.0		

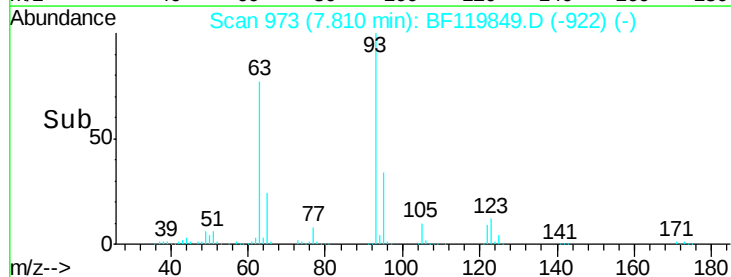
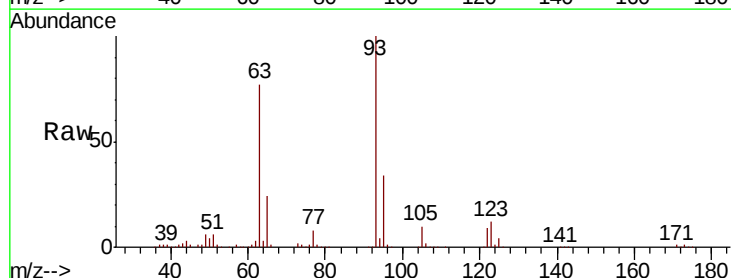
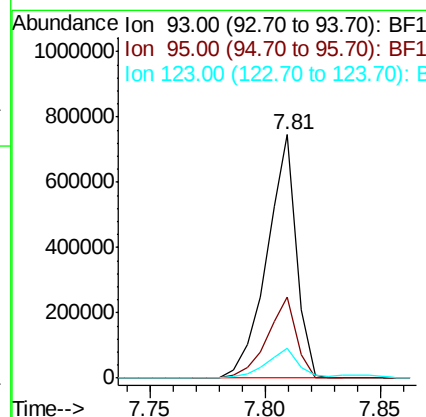
Manual Integrations
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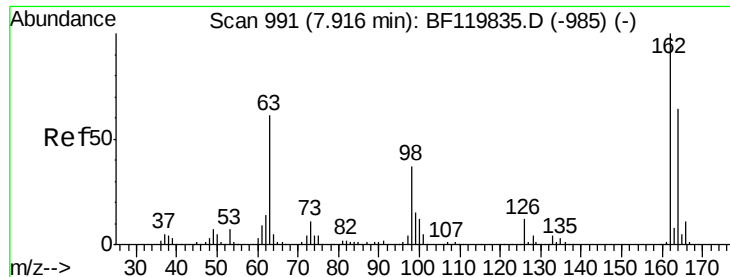
mohammad
 4/10/2020 9:57:26 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.989 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		659666		
95	33.5	26.4	39.6		
123	12.2	9.7	14.5		





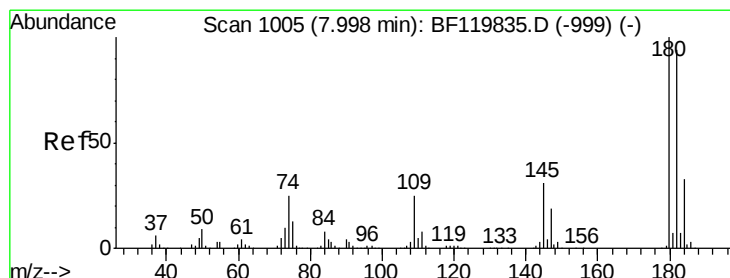
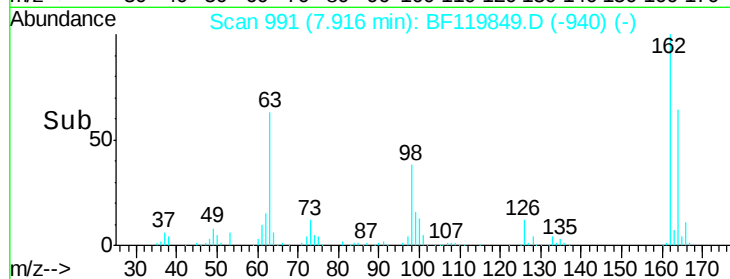
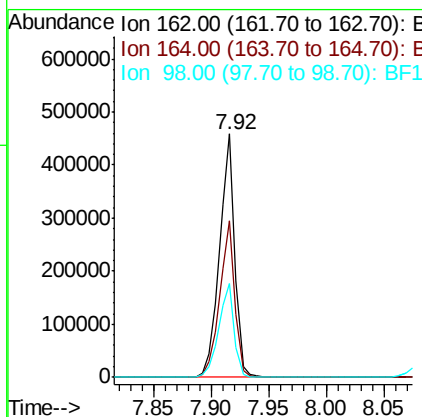
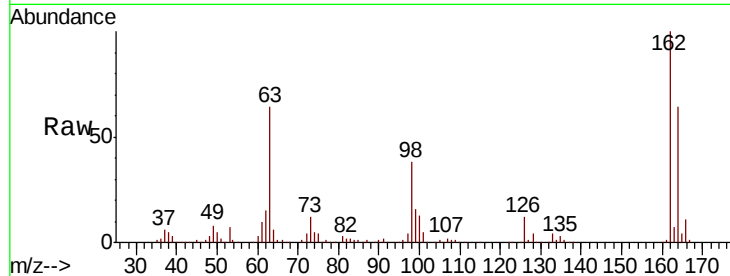
#29
2,4-Dichlorophenol
Concen: 37.284 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		421261		
164	64.5	44.4	84.4		
98	38.5	17.3	57.3		

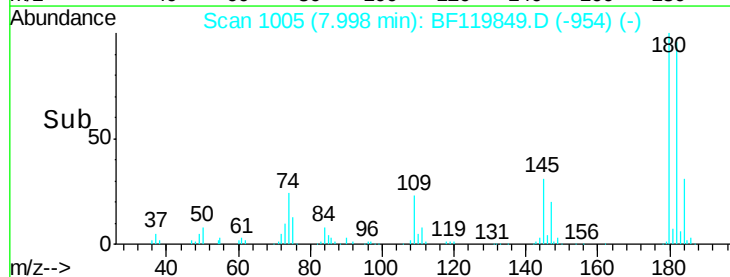
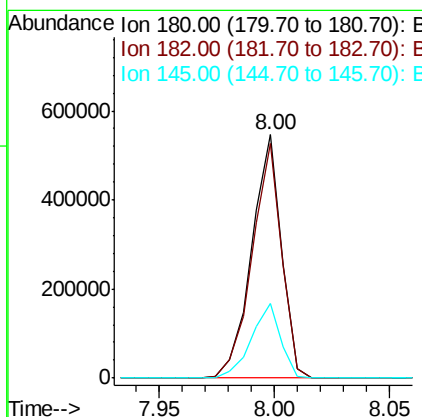
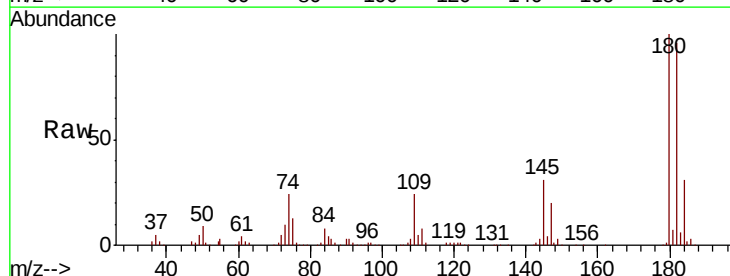
Manual Integrations
APPROVED

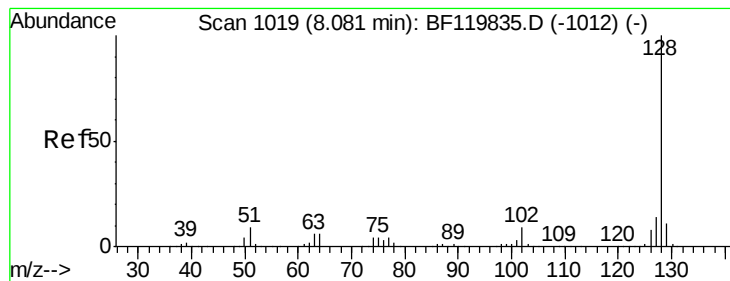
mohammad
4/10/2020 9:57:26 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.372 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		491259		
182	96.1	75.4	113.0		
145	30.9	24.6	37.0		





#31

Naphthalene

Concen: 37.583 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1487639

Ion Ratio Lower Upper

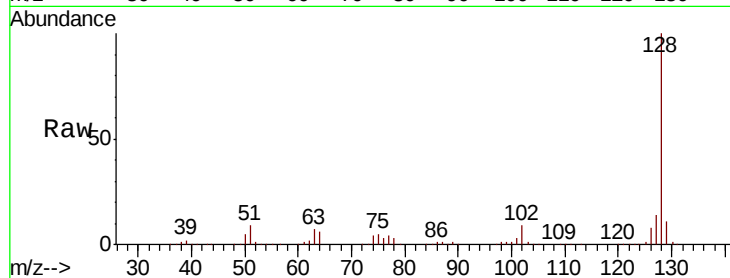
128 100

129 11.2 9.0 13.6

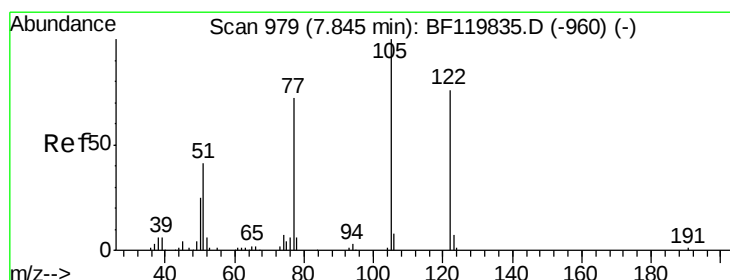
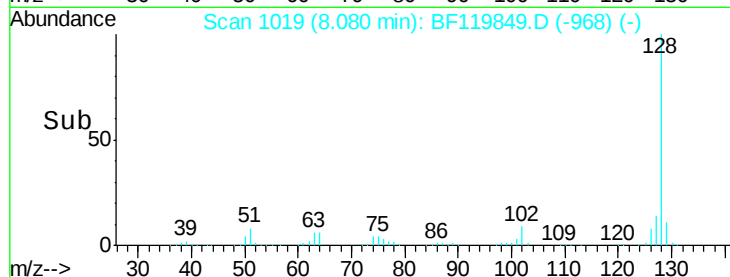
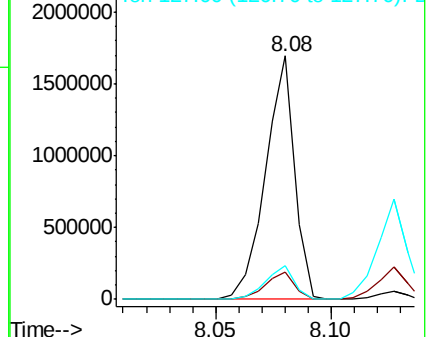
127 13.7 11.0 16.4

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



#32

Benzoic acid

Concen: 37.419 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

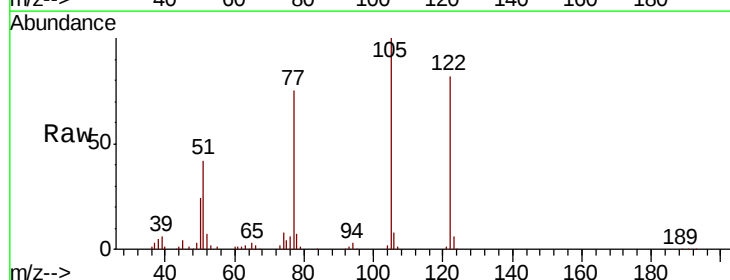
Tgt Ion:122 Resp: 362248

Ion Ratio Lower Upper

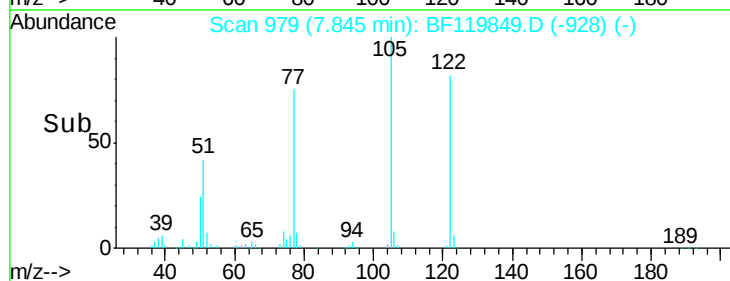
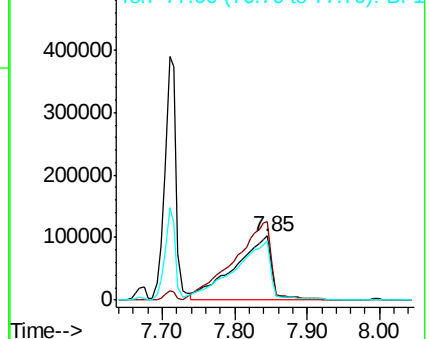
122 100

105 121.4 106.7 146.7

77 91.4 72.1 112.1



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





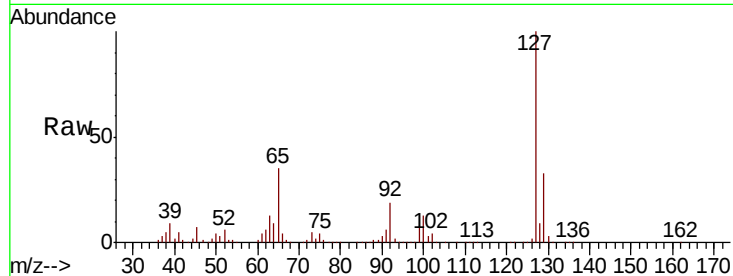
#33
4-Chloroaniline
Concen: 36.189 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.2		
65	34.6	28.3	42.5		
92	19.3	15.4	23.2		

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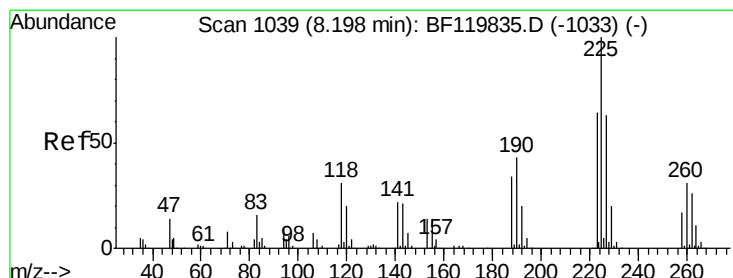
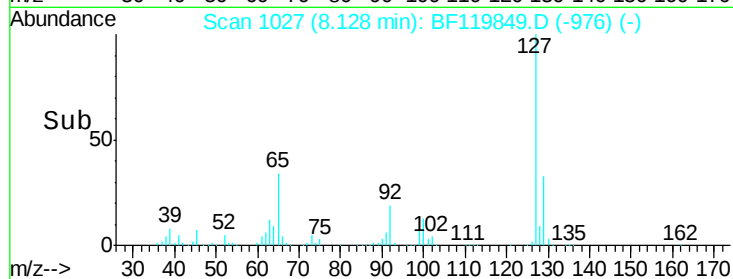
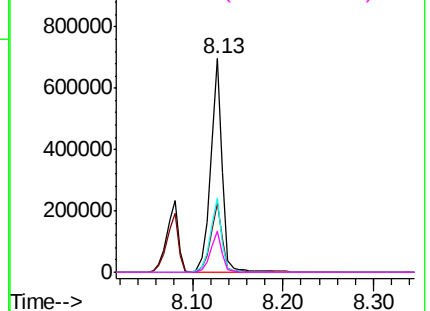
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.576 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

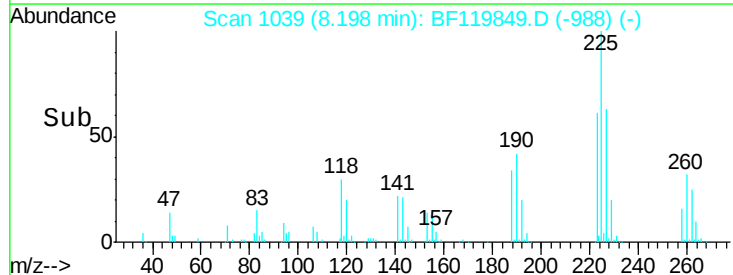
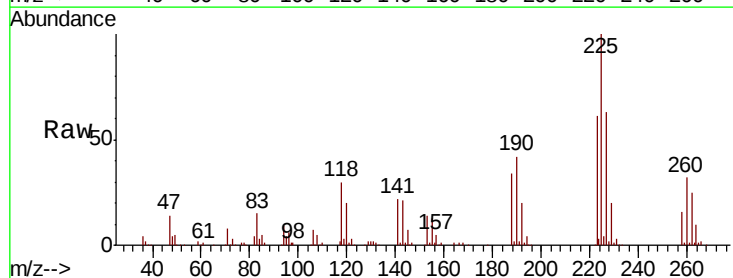
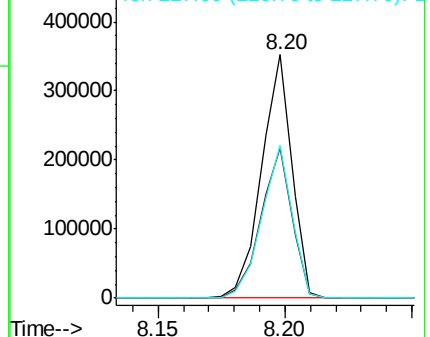
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	51.0	76.6		
227	62.6	50.4	75.6		

Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





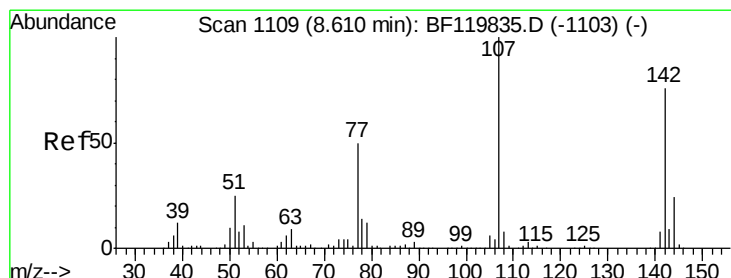
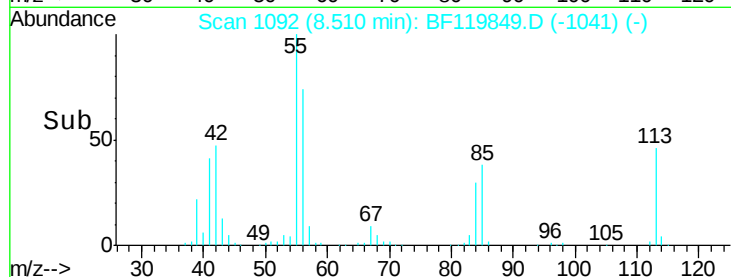
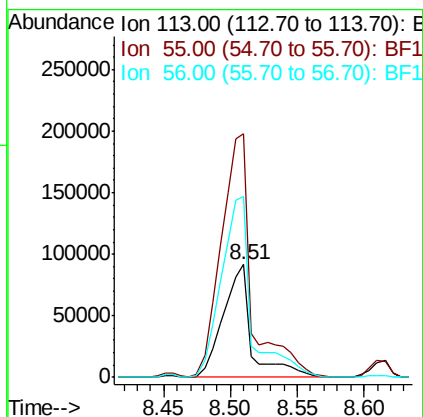
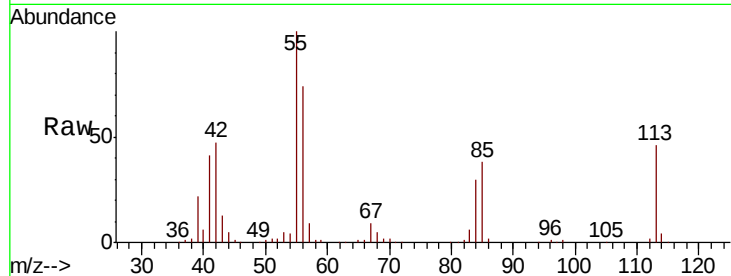
#35
 Caprolactam
 Concen: 39.937 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	216.0	192.7	232.7	
56	160.4	133.3	173.3	

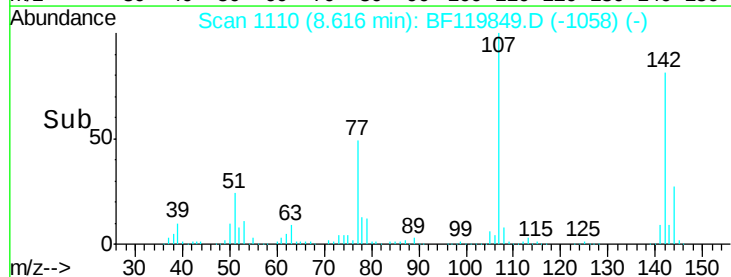
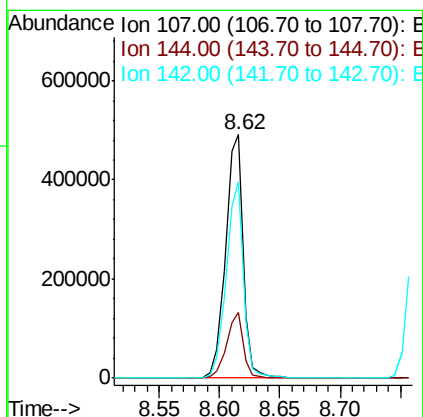
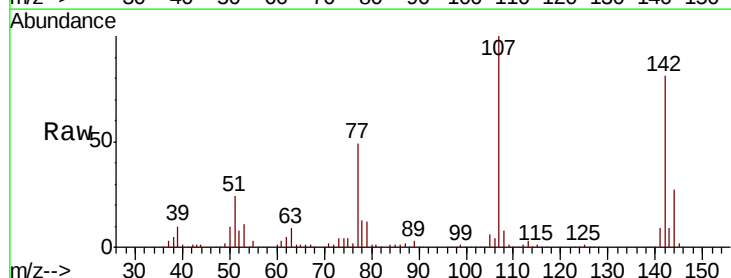
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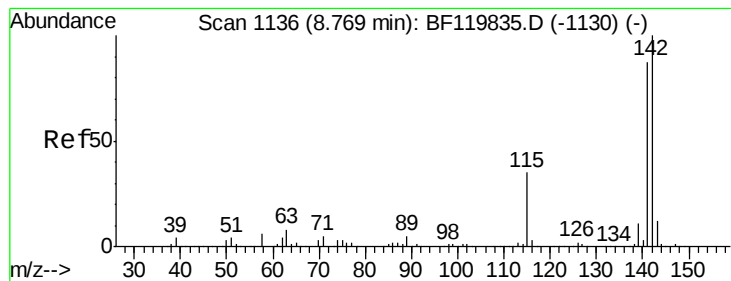
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.829 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.0	19.5	29.3	
142	80.8	60.5	90.7	





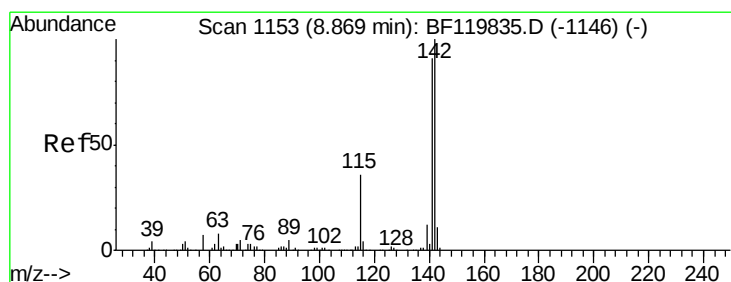
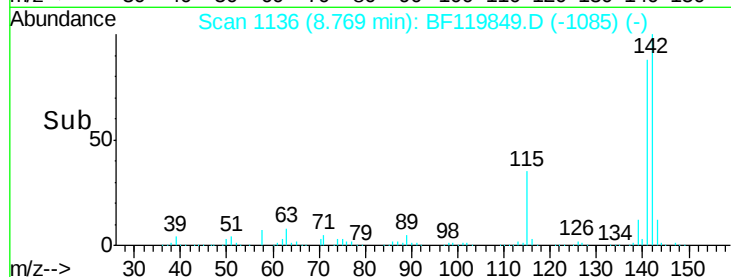
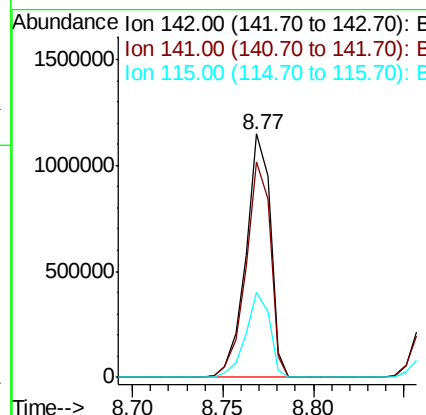
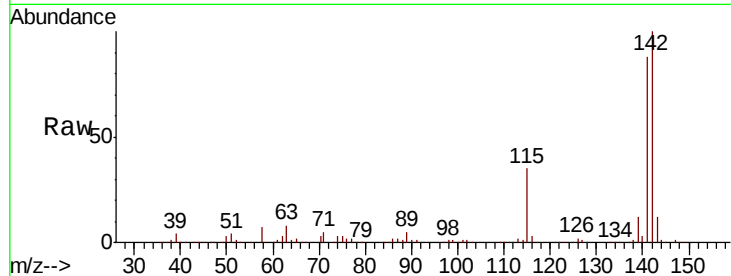
#37
2-Methylnaphthalene
Concen: 40.250 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.9	104.9
115	35.0	28.0	42.0

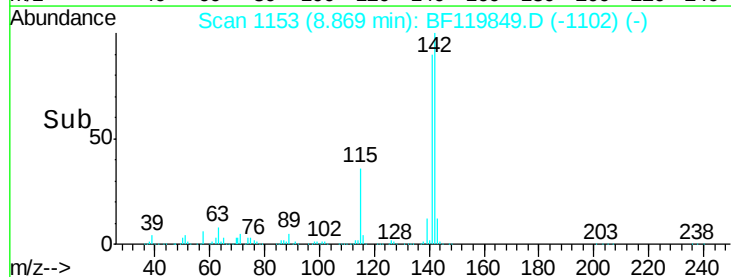
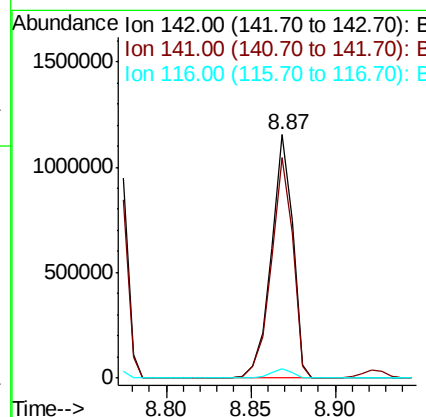
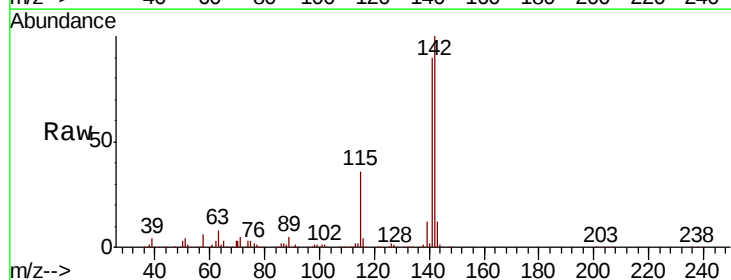
Manual Integrations
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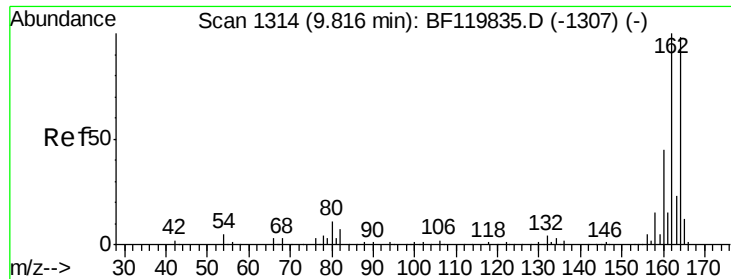
mohammad
4/10/2020 9:57:26 AM



#38
1-Methylnaphthalene
Concen: 40.011 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.9	109.3
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

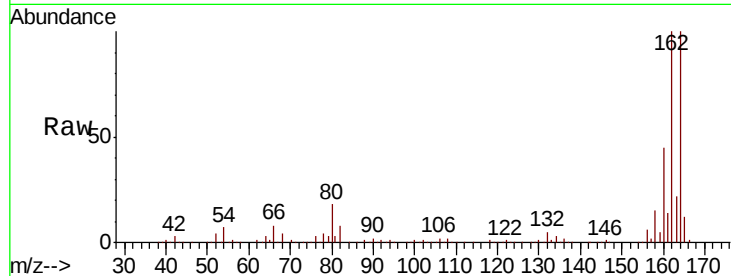
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	402260
Ion Ratio	Lower	Upper	
164	100		
162	99.9	81.9	122.9
160	45.1	36.6	54.8

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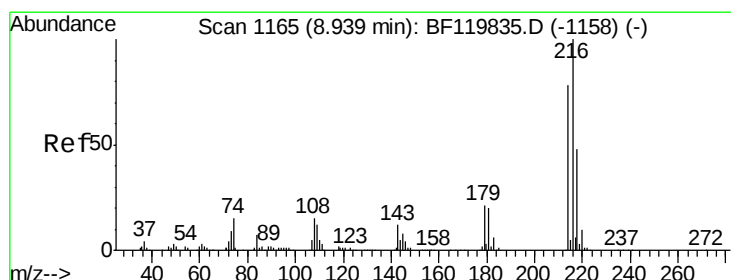
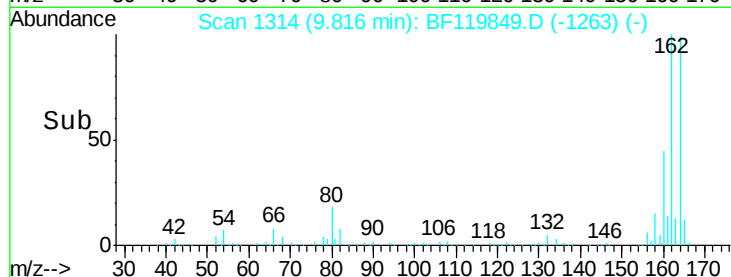
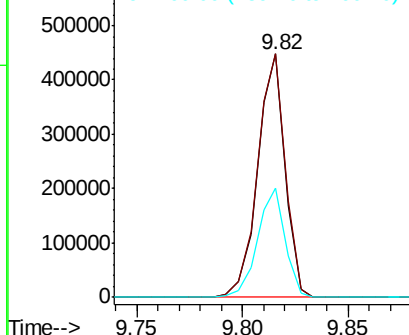


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.527 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Tgt Ion:	216	Resp:	502193
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.1	94.7
179	21.5	17.0	25.4
108	18.2	14.8	22.2

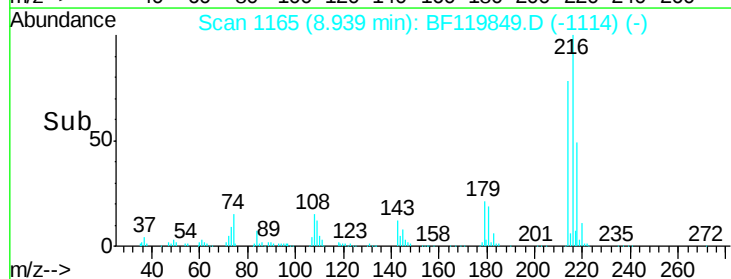
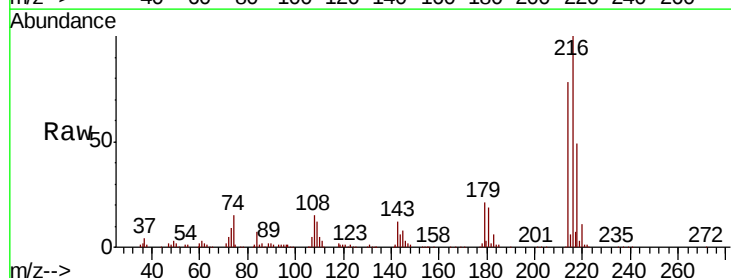
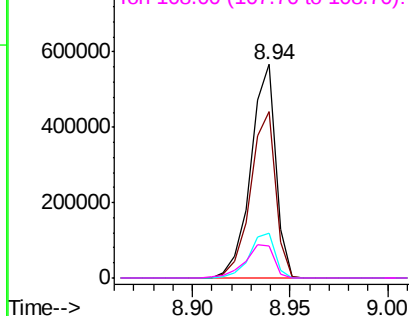
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.709 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

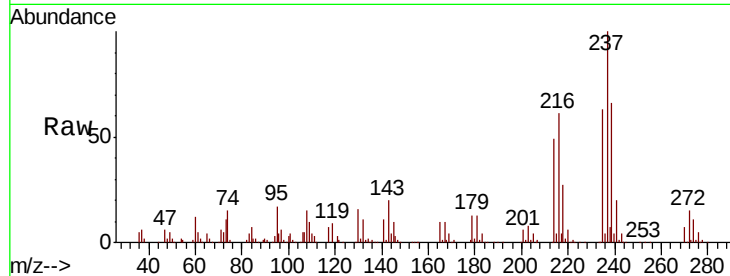
ClientSampleId :

SSTDCCC040

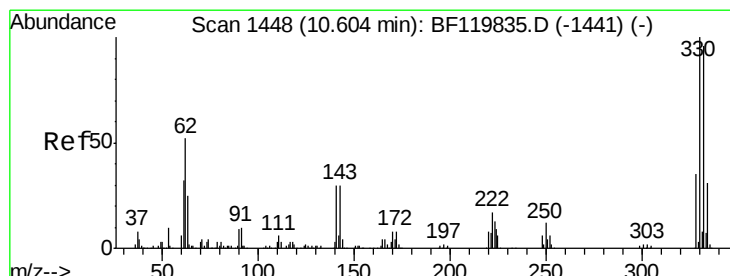
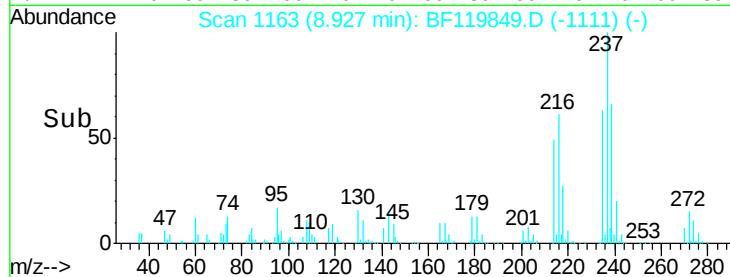
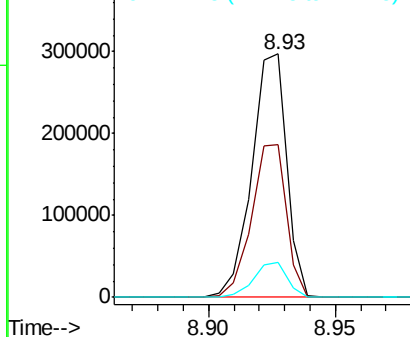
Tot Ion:	237	Resp:	286882
Ion Ratio	Lower	Upper	
237	100		
235	62.7	44.9	84.9
272	14.6	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 75.725 ng

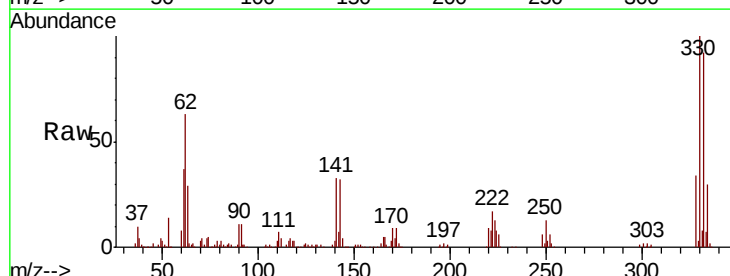
RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

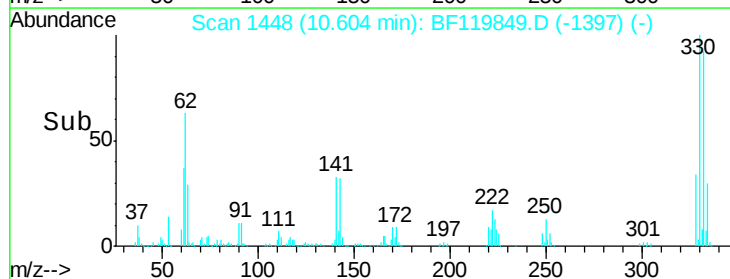
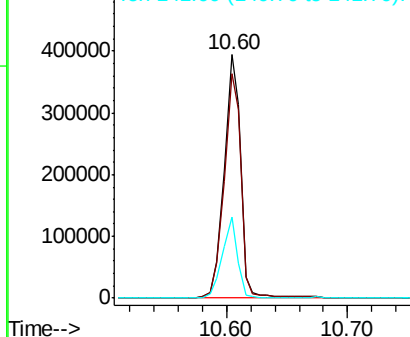
Lab File: BF119849.D

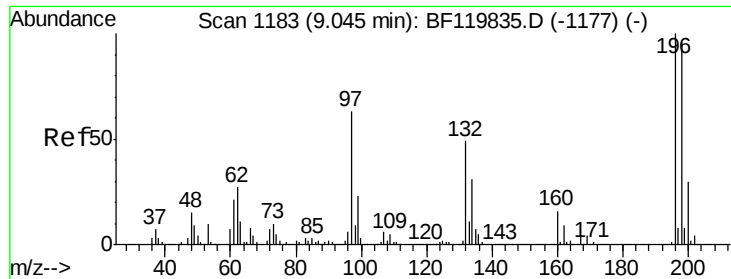
Acq: 9 Apr 2020 3:05

Tgt Ion:	330	Resp:	372947
Ion Ratio	Lower	Upper	
330	100		
332	94.5	76.8	115.2
141	30.6	25.1	37.7



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





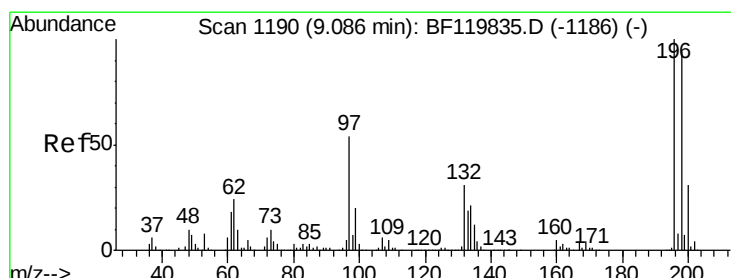
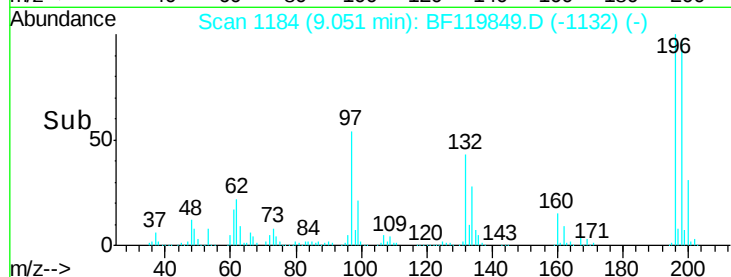
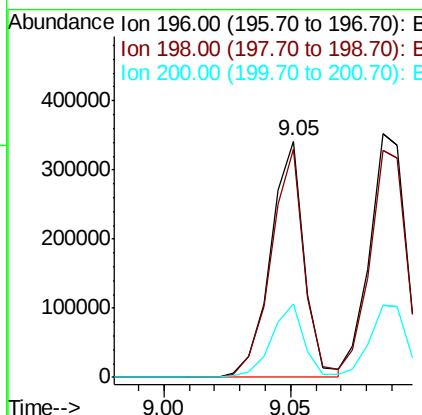
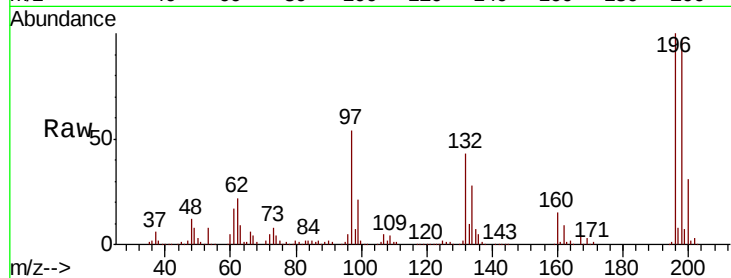
#43
 2,4,6-Trichlorophenol
 Concen: 36.159 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	317241		
198	96.7	76.6	115.0	
200	31.3	24.2	36.2	

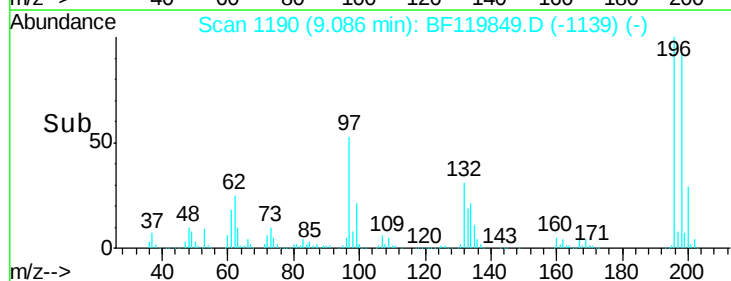
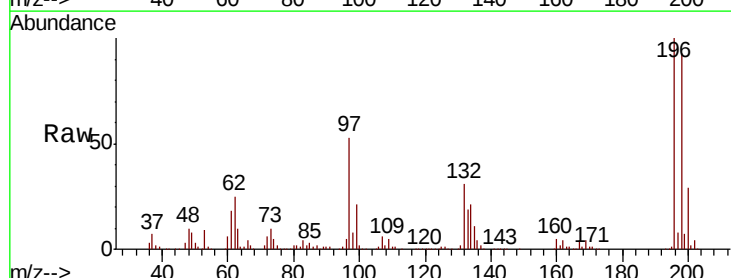
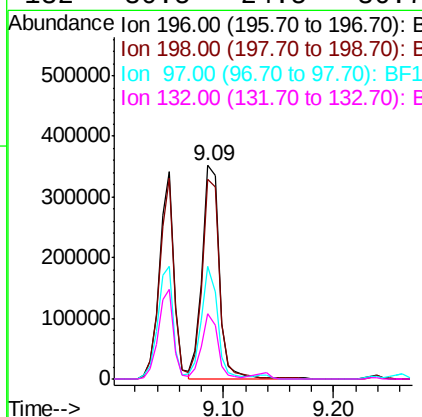
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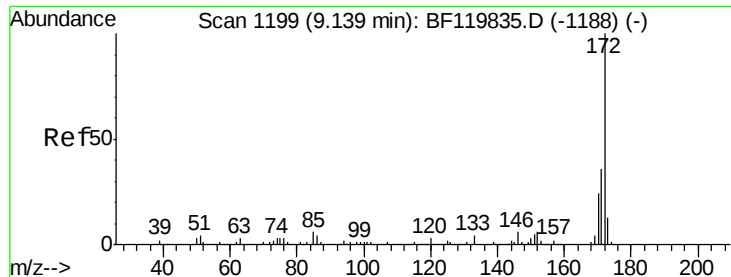
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.294 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	368525		
198	93.3	75.1	112.7	
97	52.8	43.4	65.2	
132	30.5	24.5	36.7	





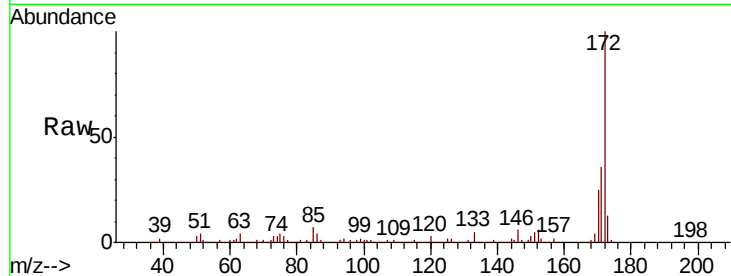
#45
2-Fluorobiphenyl
Concen: 76.159 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

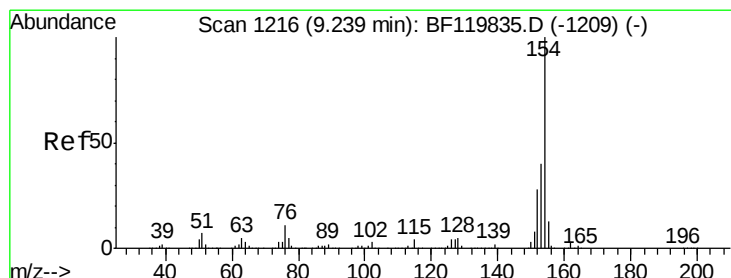
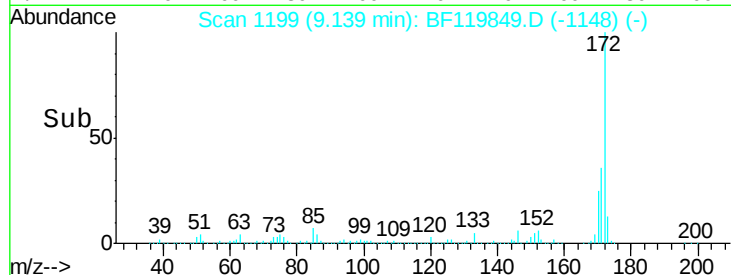
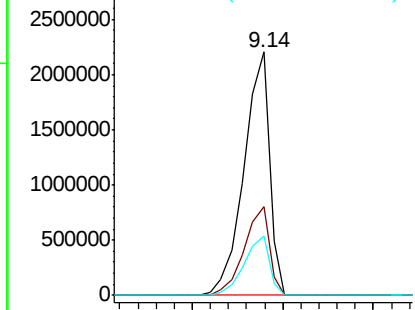
Tot Ion:172 Resp: 2157769
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.6 19.4 29.2

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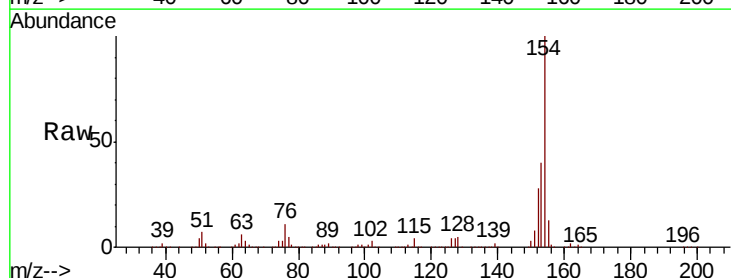


Abundance Ion 172.00 (171.70 to 172.70): E
3000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

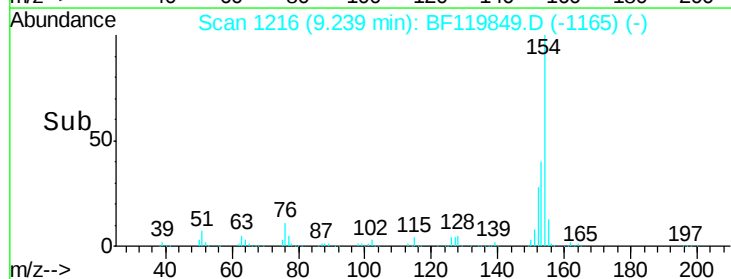
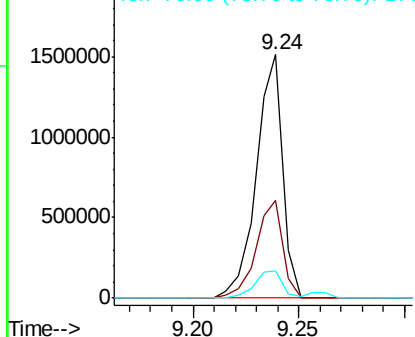


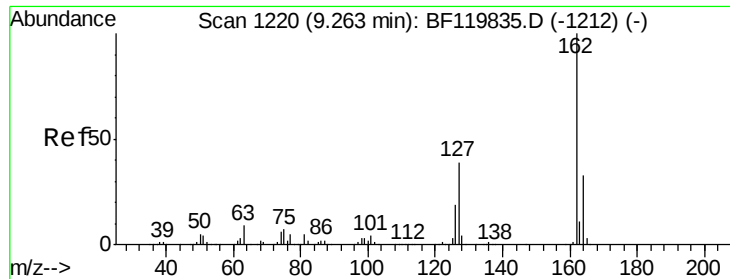
#46
1,1'-Biphenyl
Concen: 38.713 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:154 Resp: 1314416
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 11.2 0.0 30.6



Abundance Ion 154.00 (153.70 to 154.70): E
2000000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





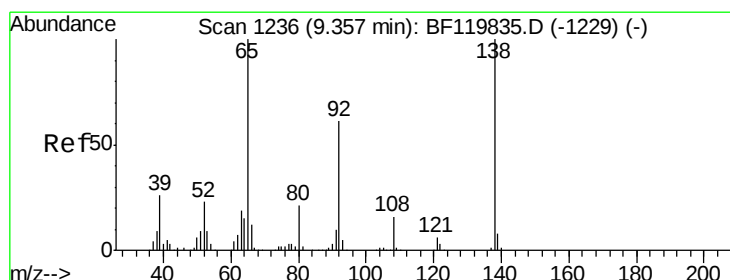
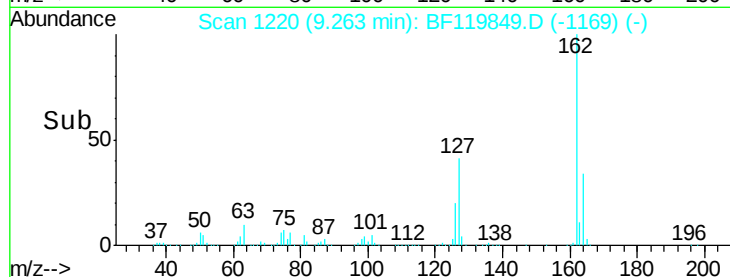
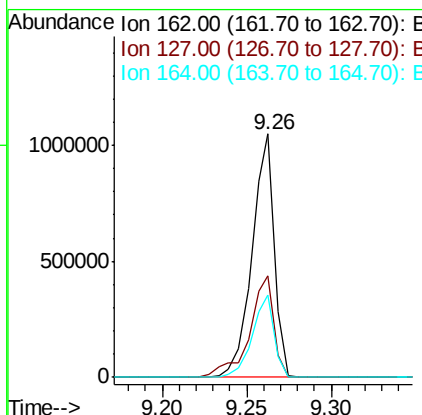
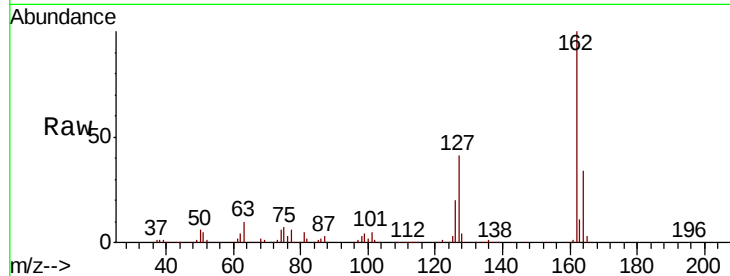
#47
2-Chloronaphthalene
Concen: 36.903 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	31.2	46.8
164	33.8	26.3	39.5

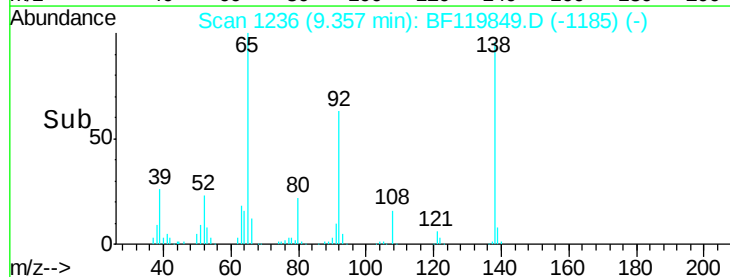
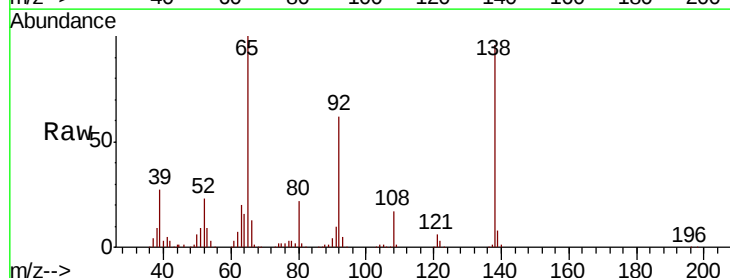
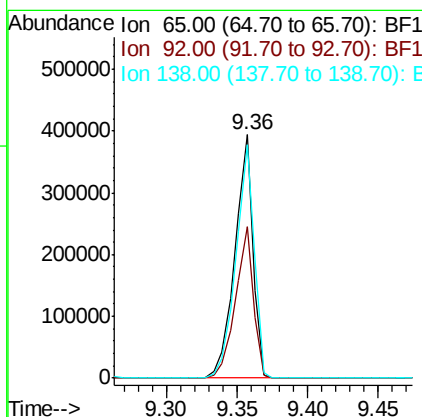
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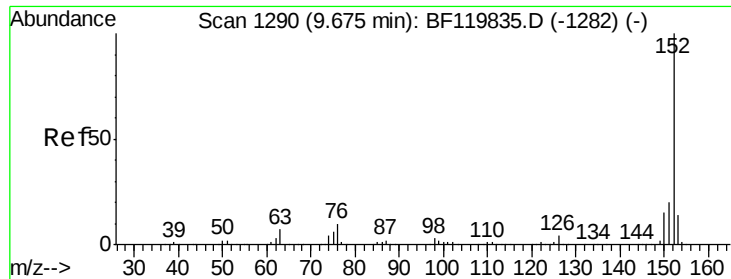
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#48
2-Nitroaniline
Concen: 37.016 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.4	49.0	73.6
138	95.8	79.7	119.5





#49

Acenaphthylene

Concen: 38.821 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1544225

Ion Ratio Lower Upper

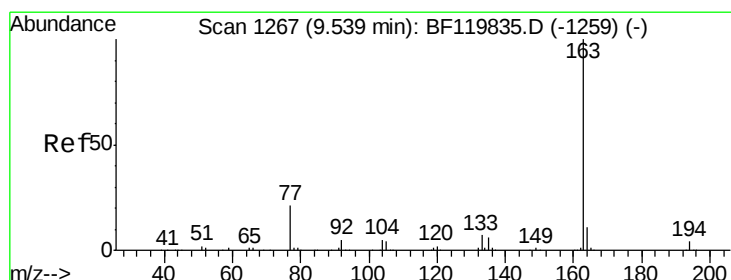
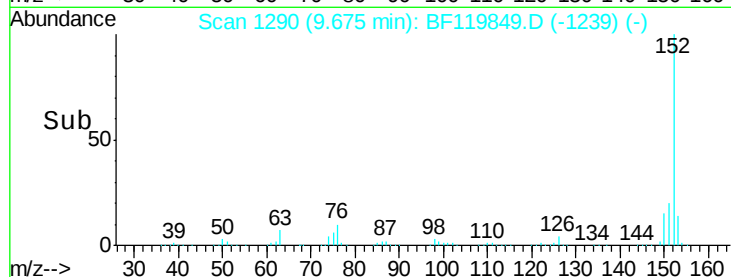
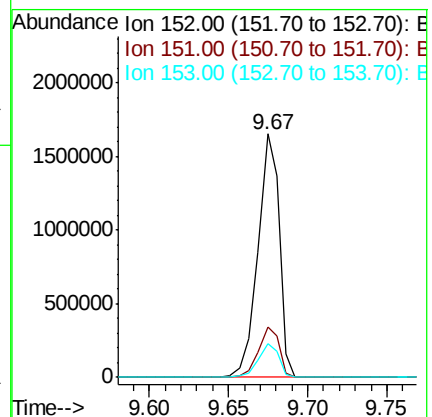
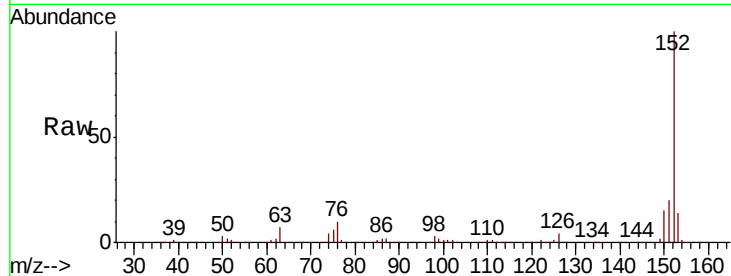
152 100

151 20.4 16.2 24.4

153 13.6 10.9 16.3

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#50

Dimethylphthalate

Concen: 37.307 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

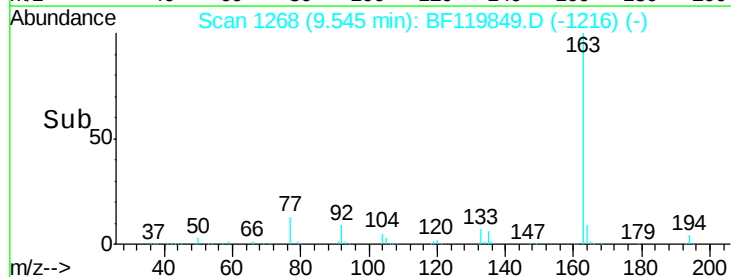
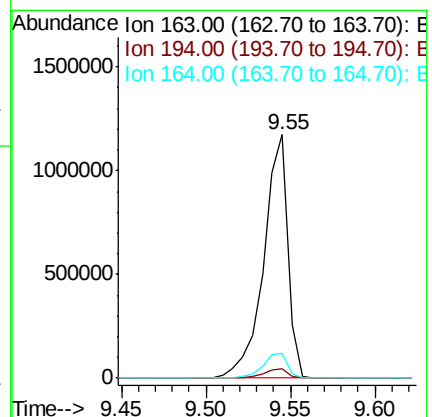
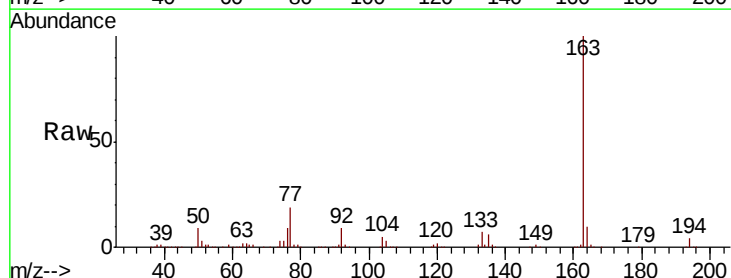
Tgt Ion:163 Resp: 1160791

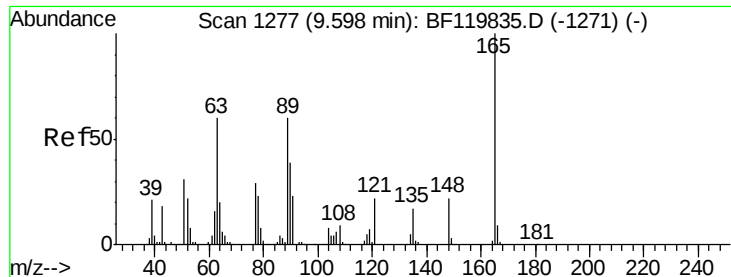
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 9.9 8.4 12.6





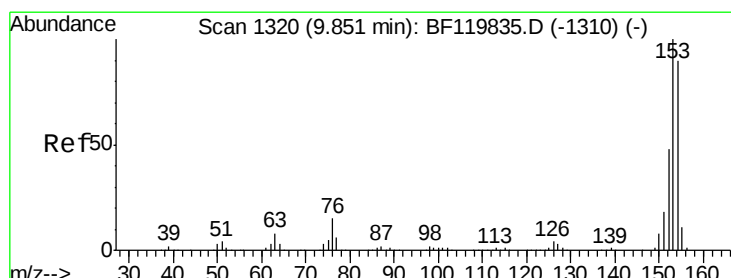
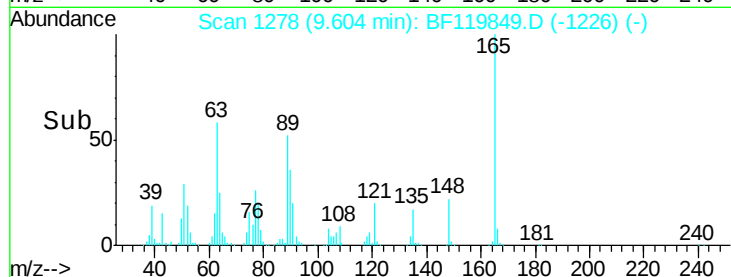
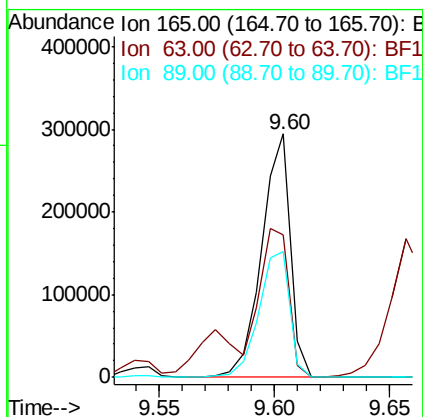
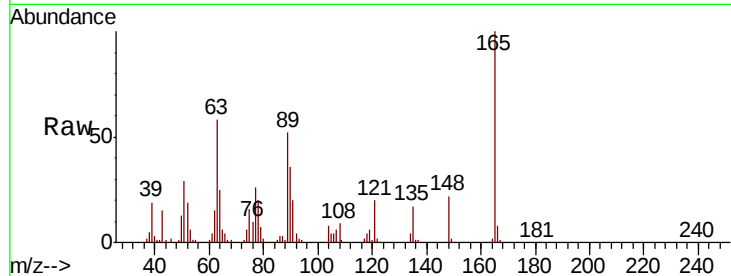
#51
 2,6-Dinitrotoluene
 Concen: 37.495 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	255471		
63	58.5		55.6	83.4
89	51.8		47.9	71.9

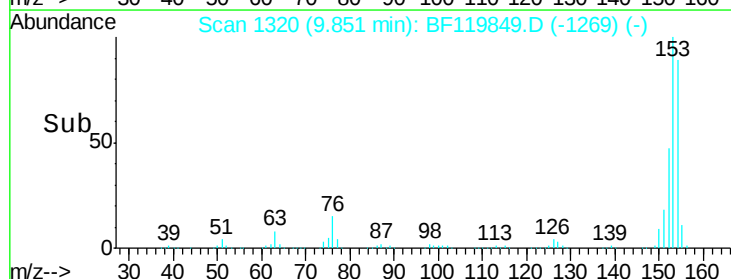
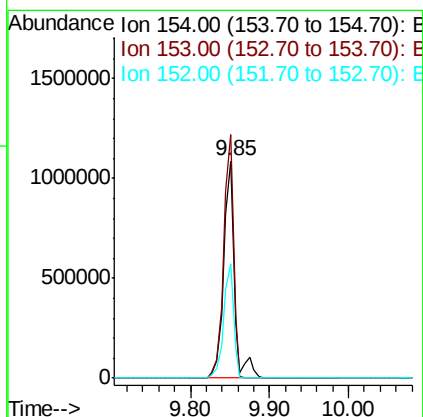
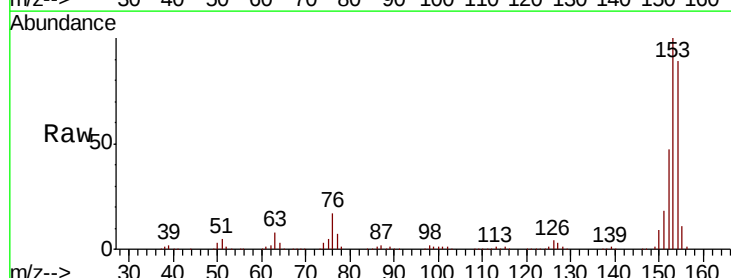
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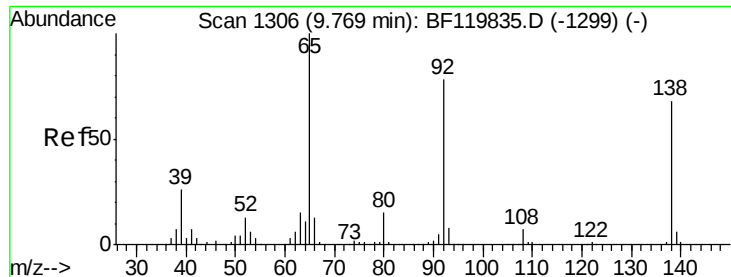
mohammad
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#52
 Acenaphthene
 Concen: 38.406 ng m
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1019078		
153	112.0		88.8	133.2
152	52.9		42.4	63.6





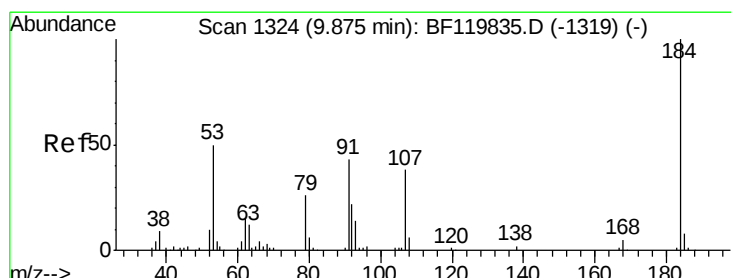
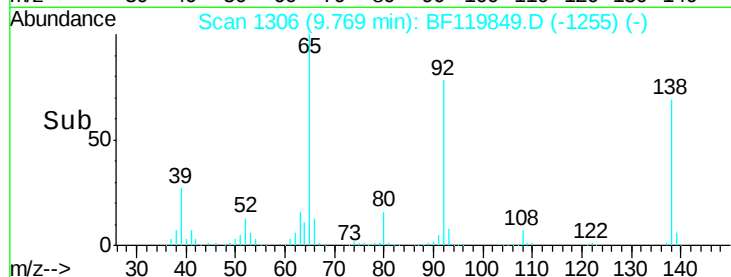
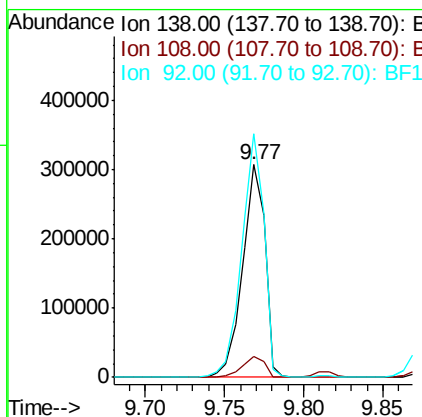
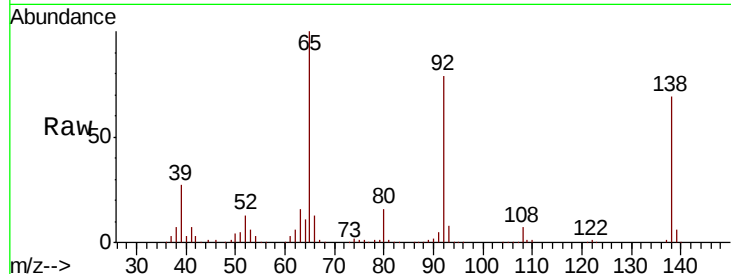
#53
3-Nitroaniline
Concen: 38.577 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	114.4	92.1	138.1

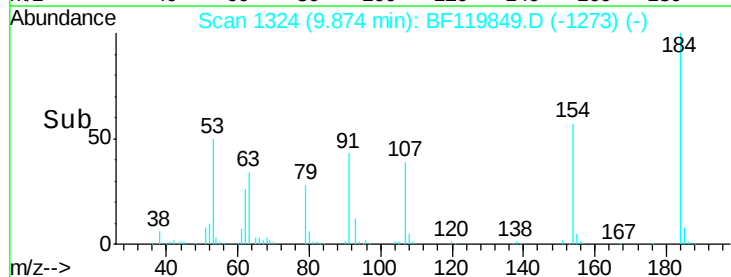
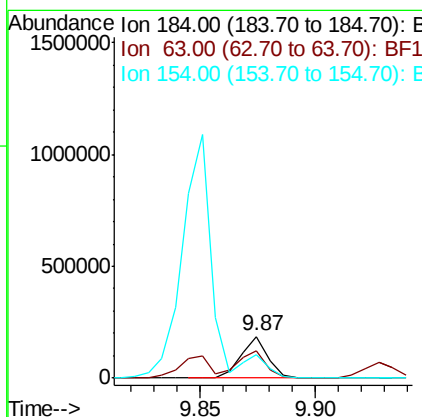
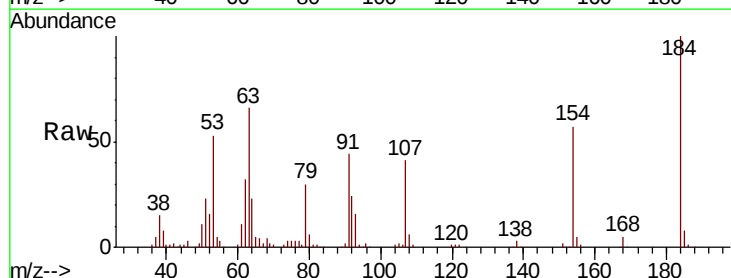
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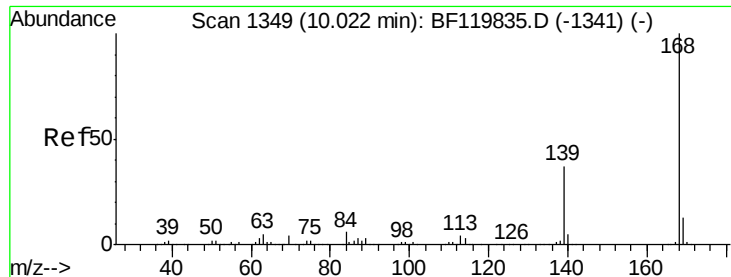
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#54
2,4-Dinitrophenol
Concen: 37.352 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.8	49.8	74.6
154	56.8	46.5	69.7





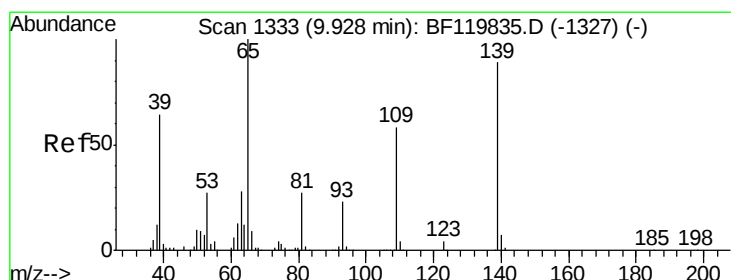
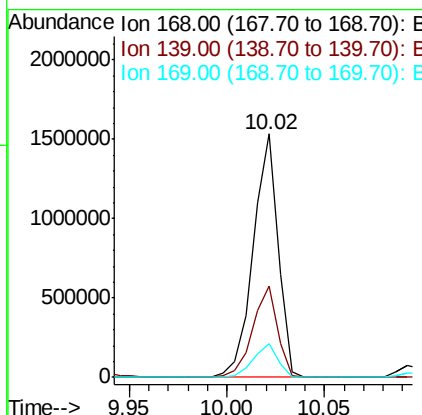
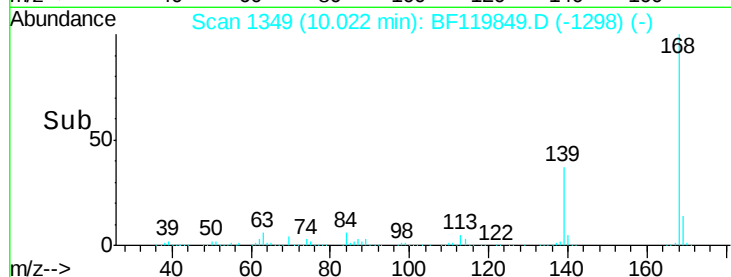
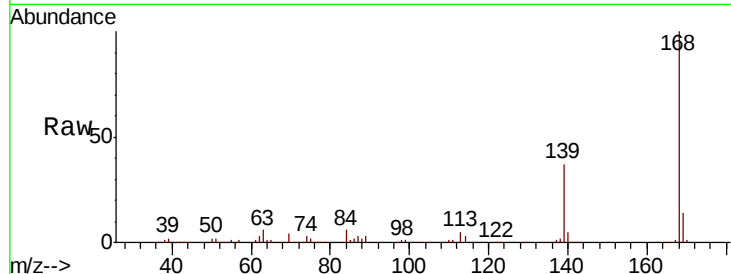
#55
Dibenzofuran
Concen: 37.146 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1352563
Ion Ratio Lower Upper
168 100
139 37.4 29.8 44.6
169 13.6 10.6 15.8

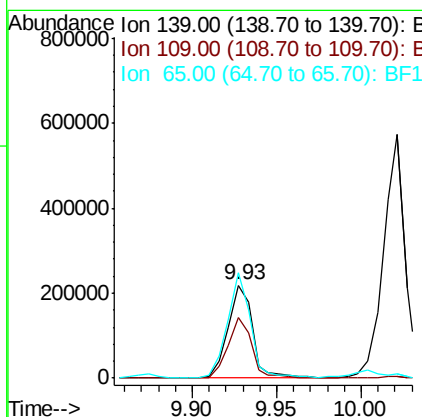
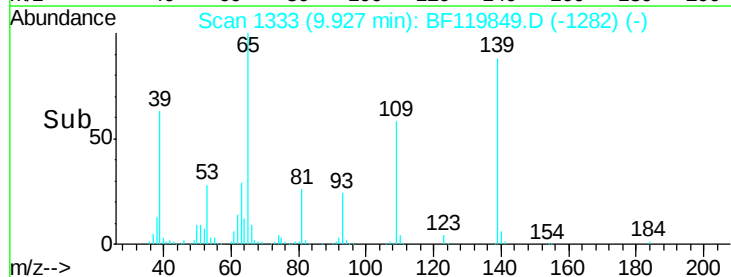
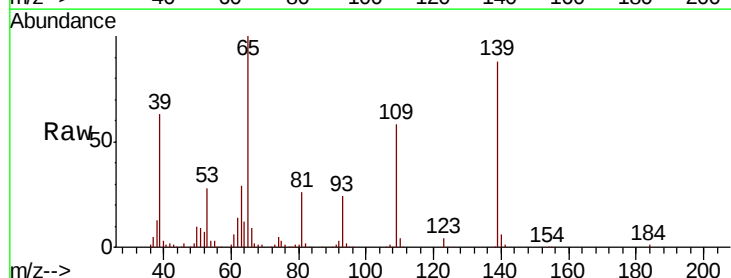
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#56
4-Nitrophenol
Concen: 38.232 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:139 Resp: 221362
Ion Ratio Lower Upper
139 100
109 65.4 45.5 85.5
65 113.5 92.3 132.3





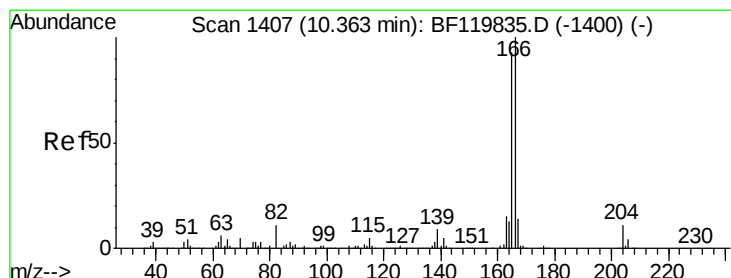
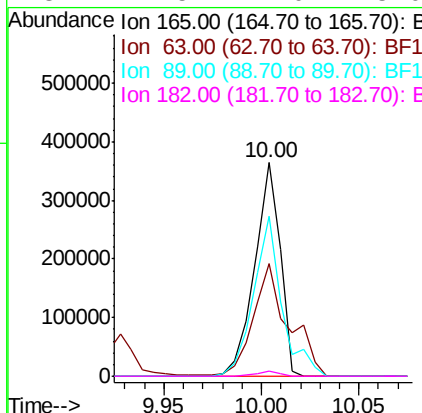
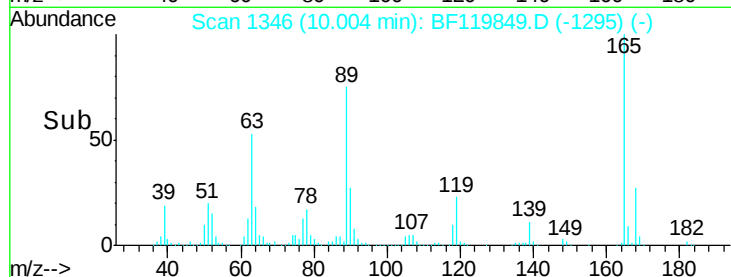
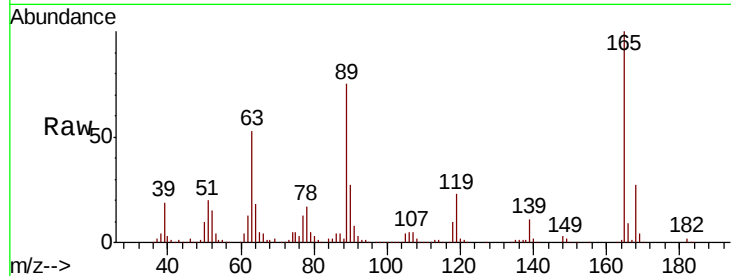
#57
2,4-Dinitrotoluene
Concen: 36.853 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.0	40.8	61.2
89	74.7	56.9	85.3
182	2.5	2.0	3.0

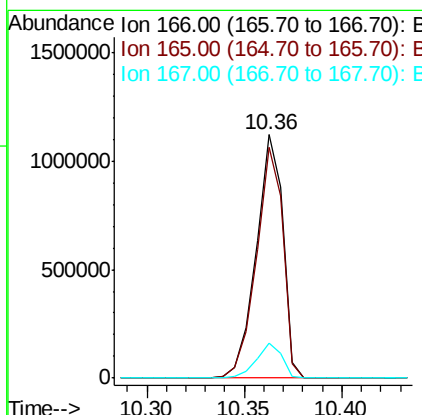
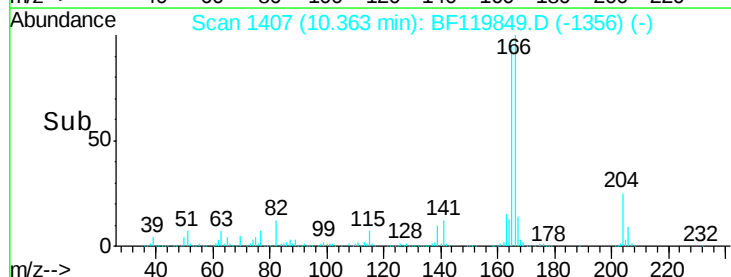
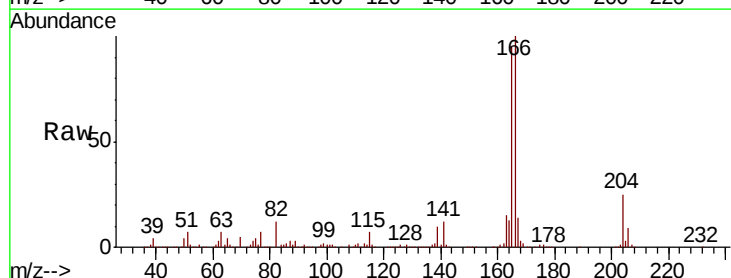
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#58
Fluorene
Concen: 36.397 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.7	74.2	111.2
167	14.2	10.8	16.2





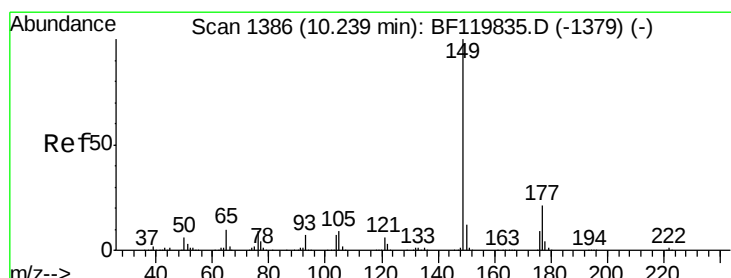
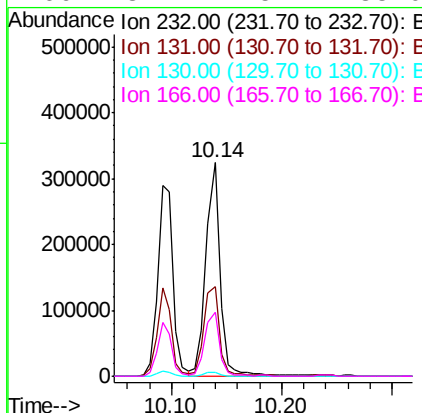
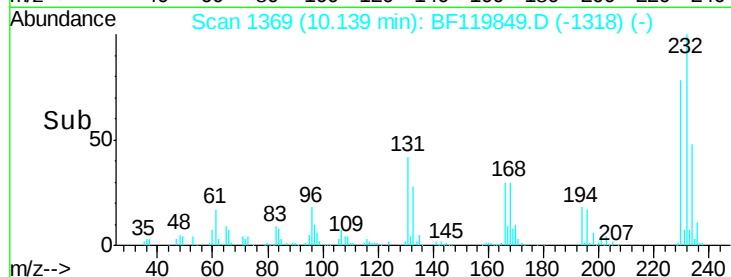
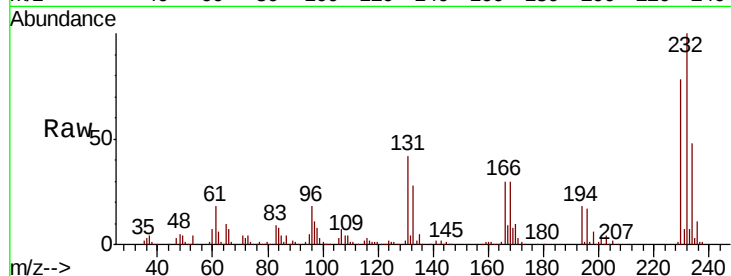
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.155 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	37.9	56.9
130	2.0	1.8	2.6
166	31.2	25.4	38.0

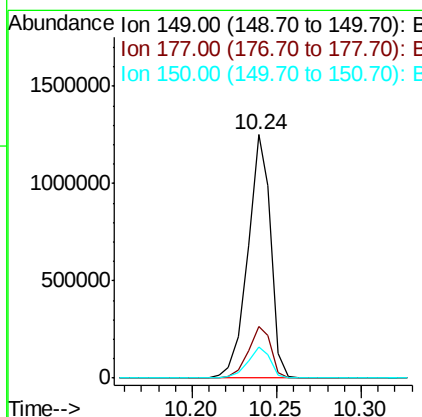
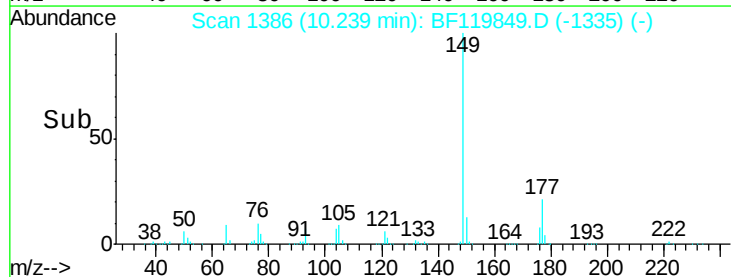
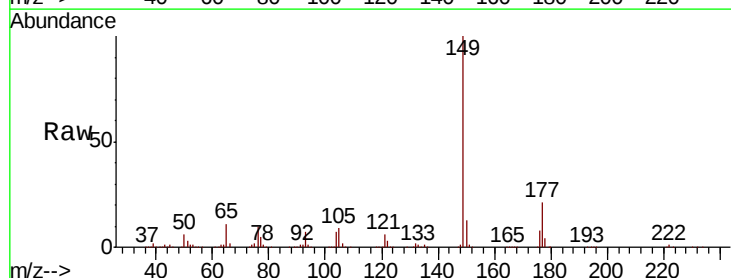
Manual Integrations
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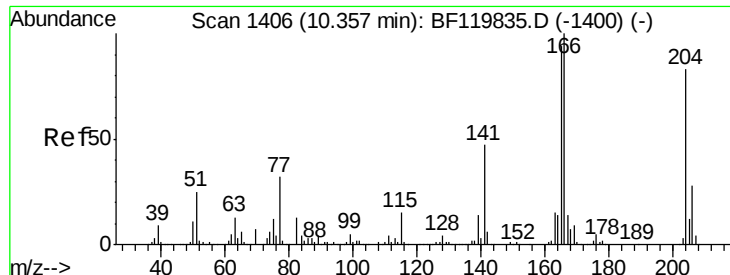
mohammad
 4/10/2020 9:57:26 AM



#60
 Diethylphthalate
 Concen: 36.477 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.8	25.2
150	12.9	9.8	14.6





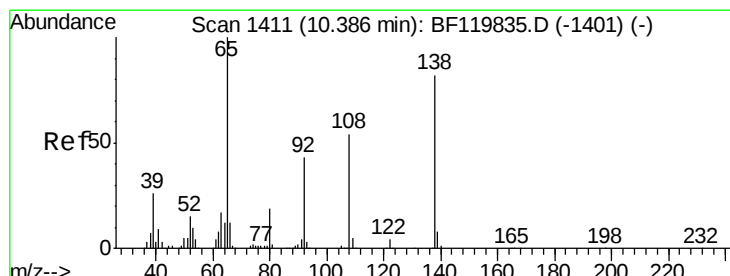
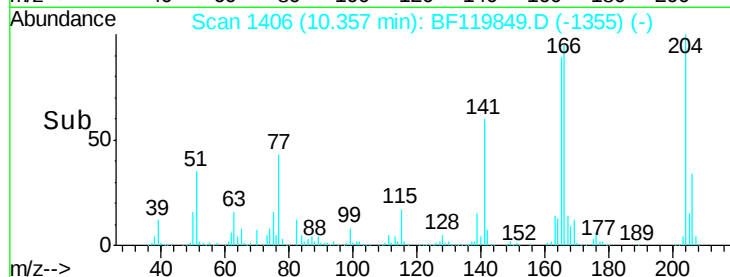
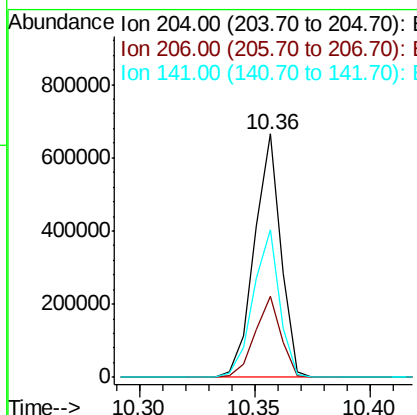
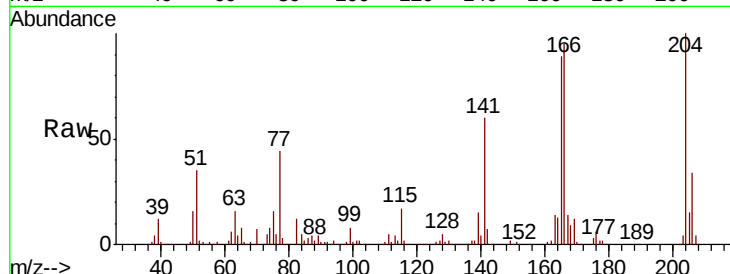
#61
 4-Chlorophenyl-phenylether
 Concen: 35.716 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	533064
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.7	40.1
141	60.4	45.8	68.8

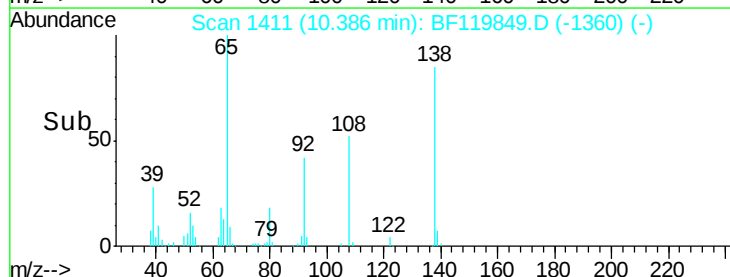
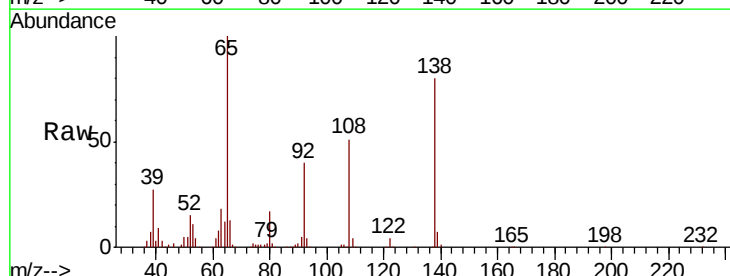
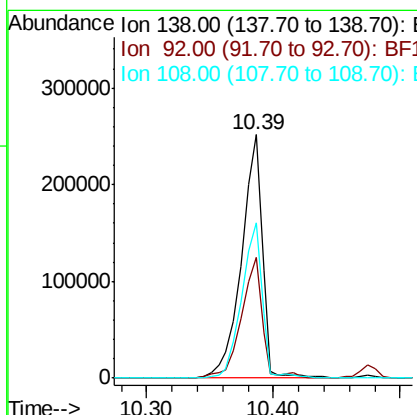
Manual Integrations
 APPROVED

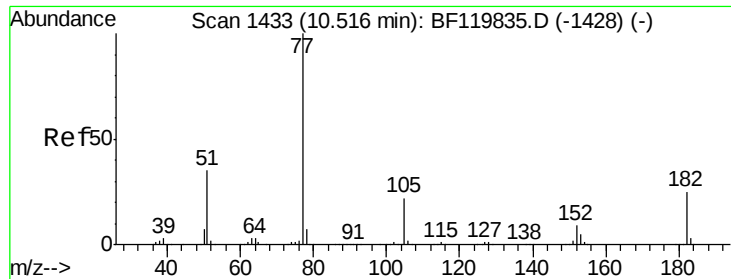
mohammad
 4/10/2020 9:57:26 AM



#62
 4-Nitroaniline
 Concen: 38.624 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:	138	Resp:	286434
Ion Ratio	Lower	Upper	
138	100		
92	49.6	31.6	71.6
108	63.6	45.2	85.2





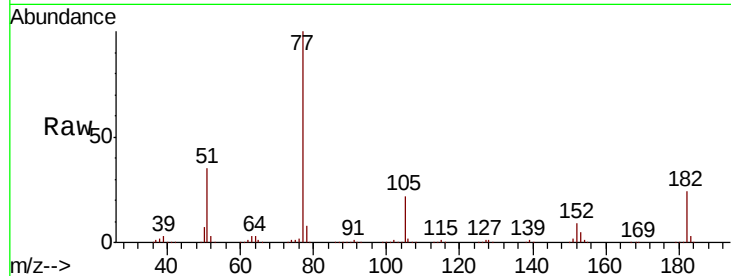
#63
Azobenzene
Concen: 39.823 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.7	4.5	44.5	
105	22.1	2.2	42.2	
51	35.2	15.1	55.1	

Manual Integrations
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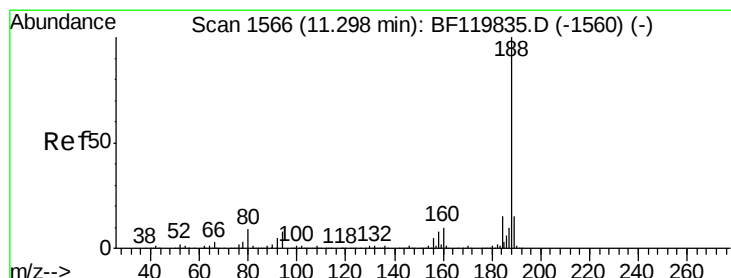
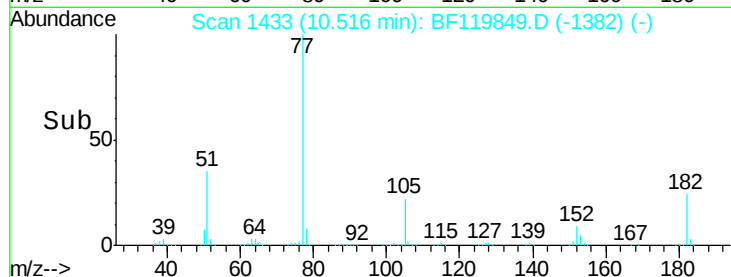
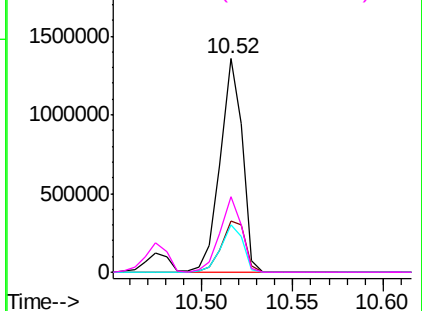
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

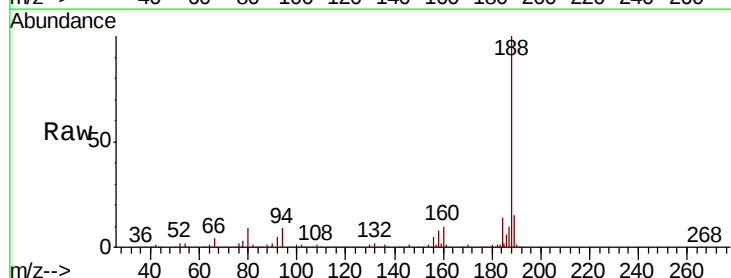
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	6.7	10.1	
80	9.3	7.4	11.2	

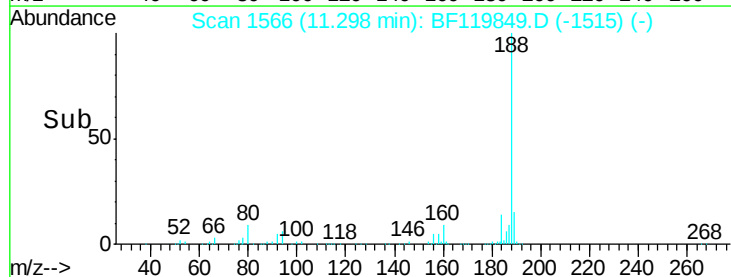
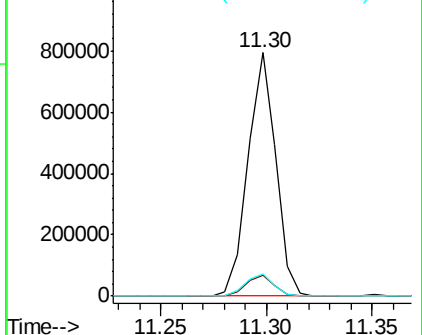


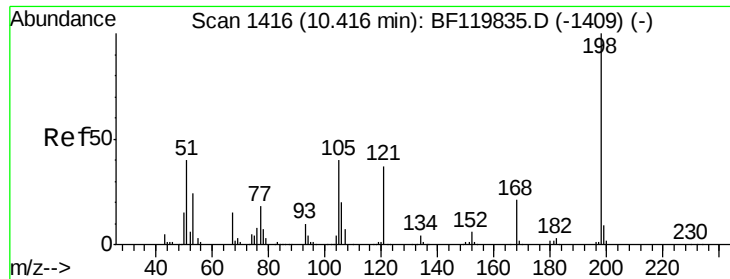
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





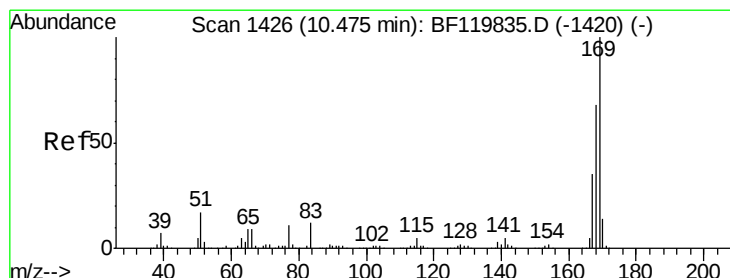
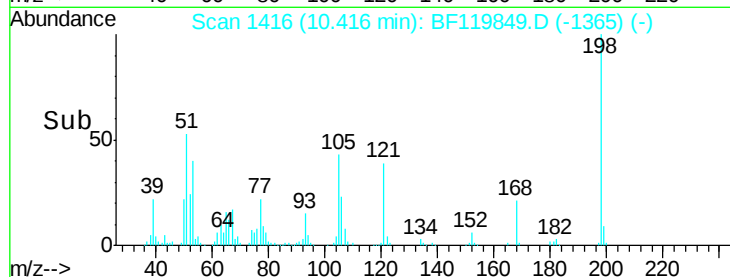
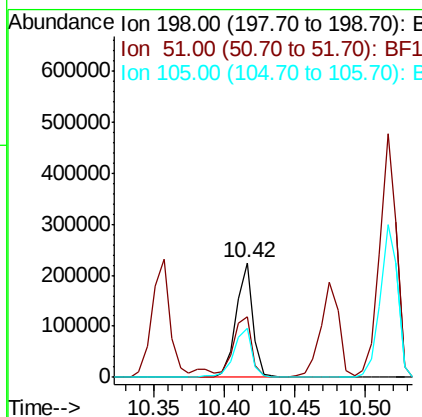
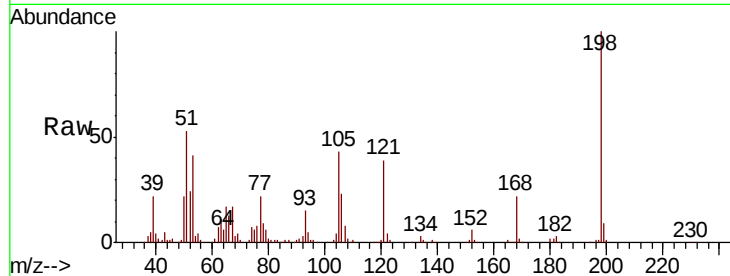
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.759 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	186213		
51	52.5	25.2	65.2	
105	43.3	20.8	60.8	

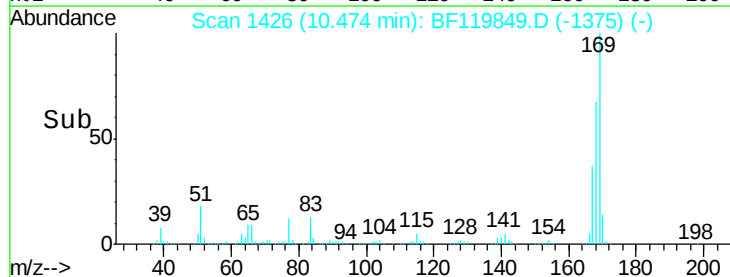
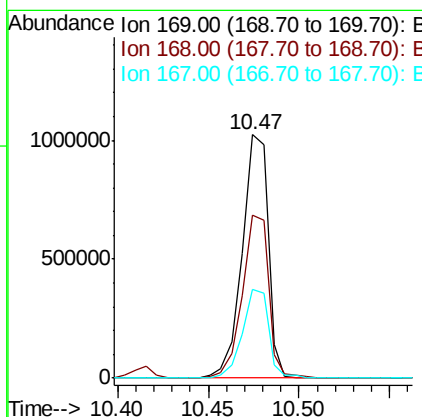
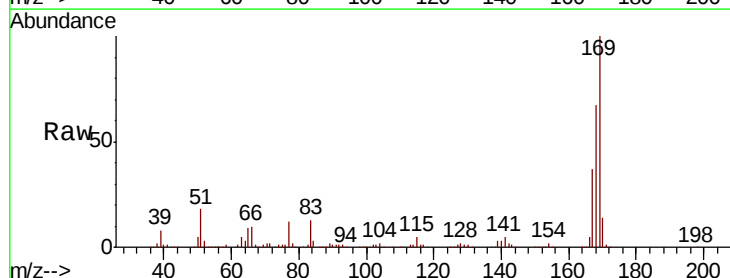
Manual Integrations
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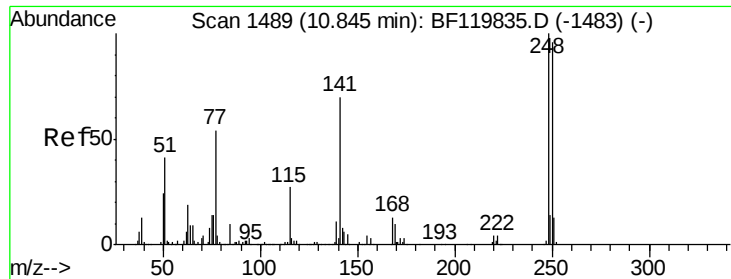
mohammad
 4/10/2020 9:57:26 AM



#66
 n-Nitrosodiphenylamine
 Concen: 41.971 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1017912		
168	67.1	54.2	81.4	
167	36.6	28.3	42.5	





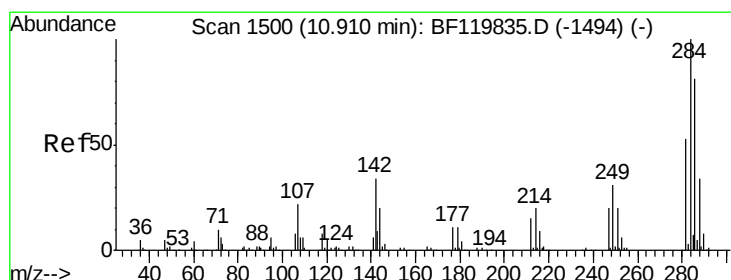
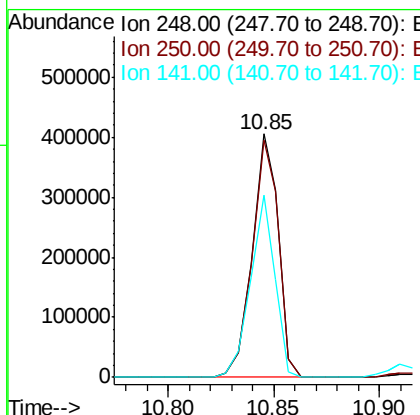
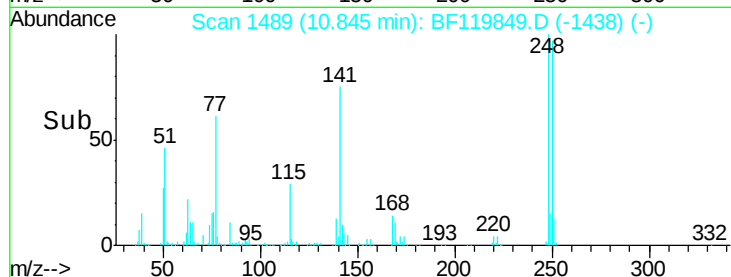
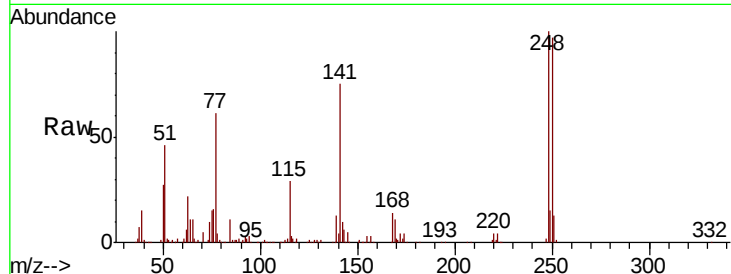
#67
4-Bromophenyl-phenylether
Concen: 38.530 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.6	114.8
141	74.9	55.9	83.9

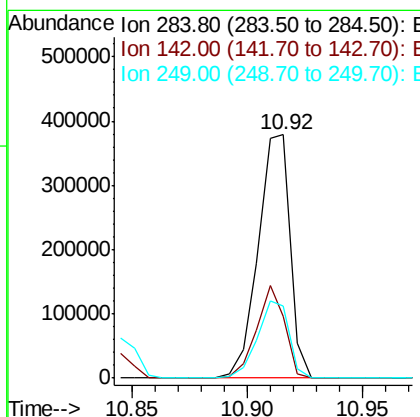
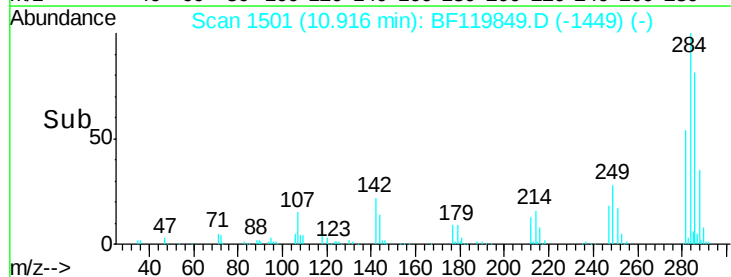
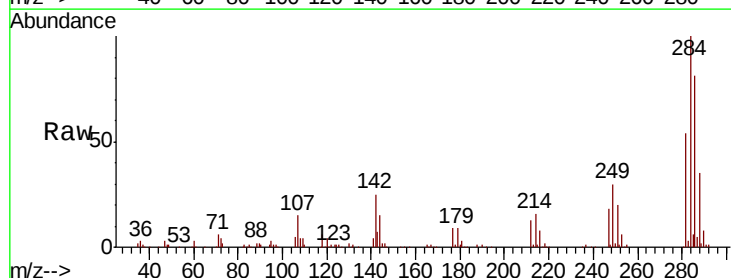
Manual Integrations
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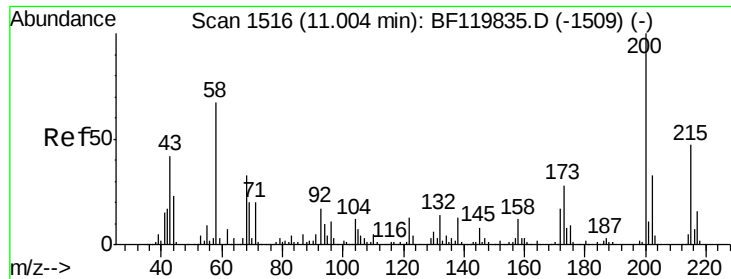
mohammad
4/10/2020 9:57:26 AM



#68
Hexachlorobenzene
Concen: 39.871 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.3	26.9	40.3#
249	29.6	24.6	37.0





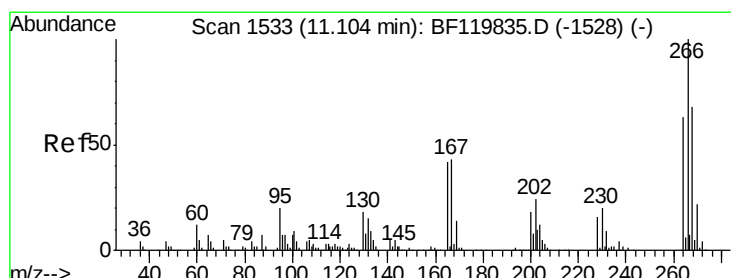
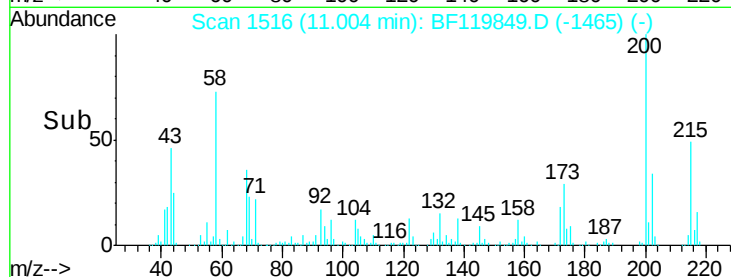
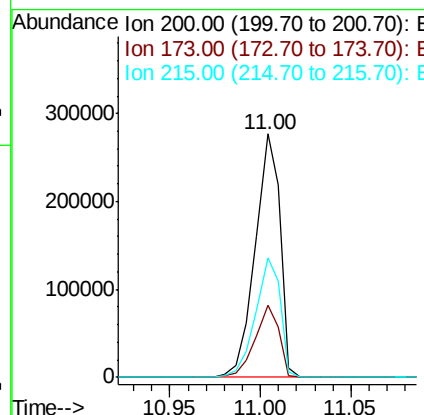
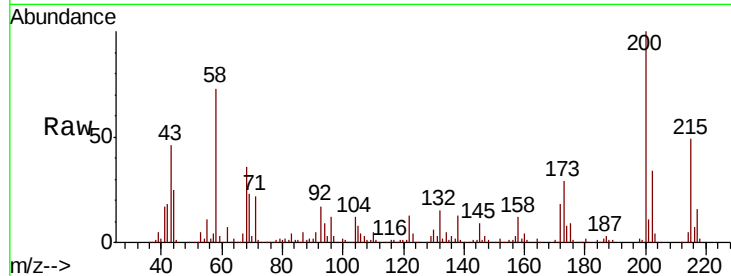
#69
Atrazine
Concen: 39.126 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.4	8.0	48.0
215	48.9	27.1	67.1

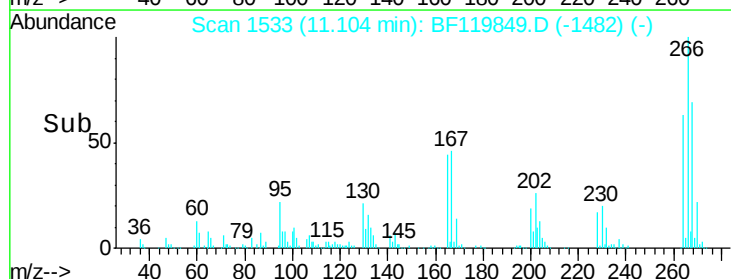
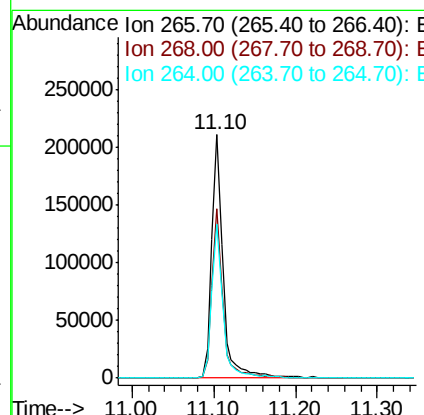
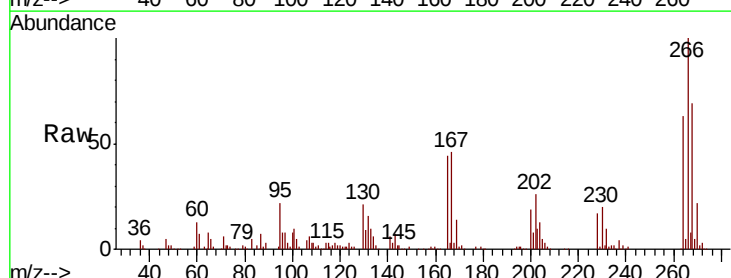
Manual Integrations
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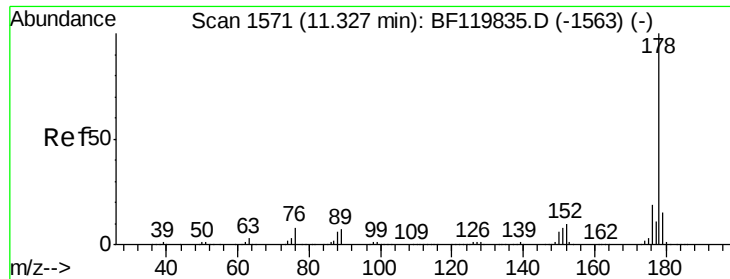
mohammad
4/10/2020 9:57:26 AM



#70
Pentachlorophenol
Concen: 38.670 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	69.4	54.2	81.4
264	63.4	50.6	76.0





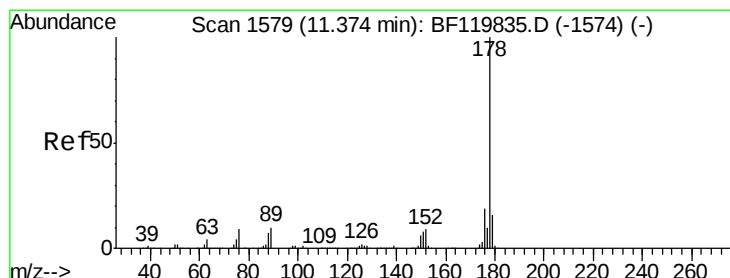
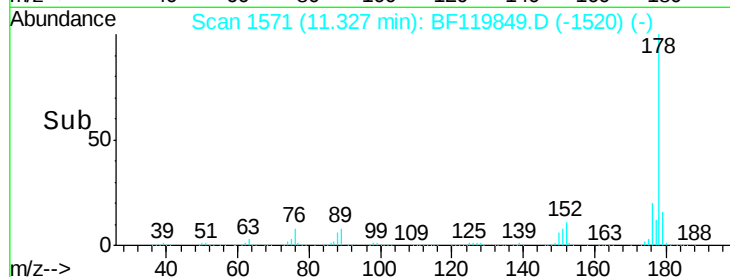
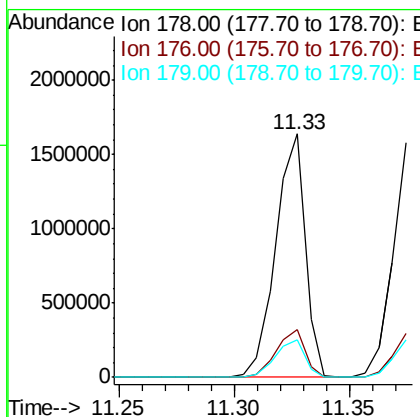
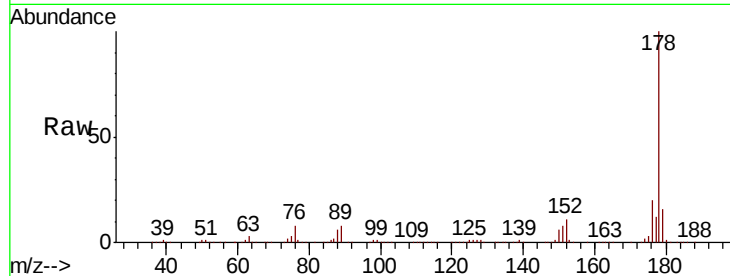
#71
Phenanthrene
Concen: 37.451 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1453559
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 15.6 12.2 18.4

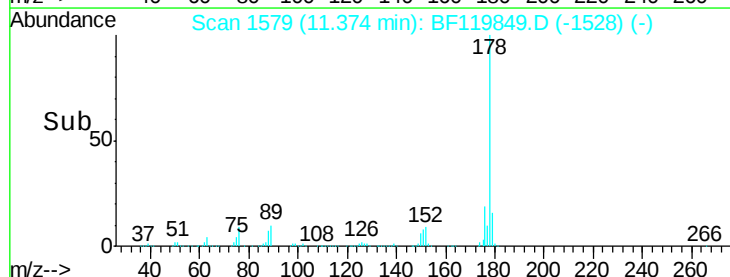
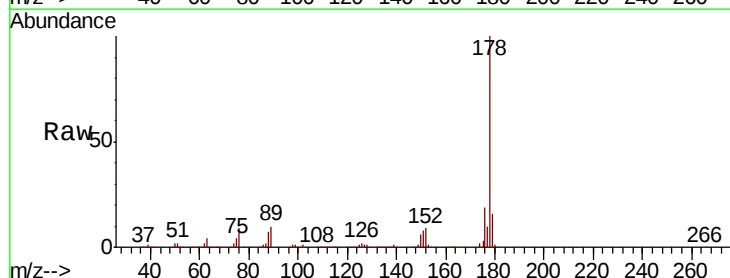
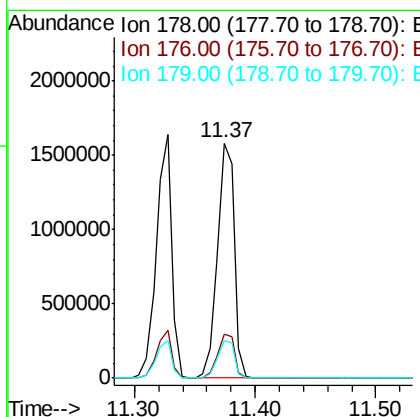
Manual Integrations
APPROVED

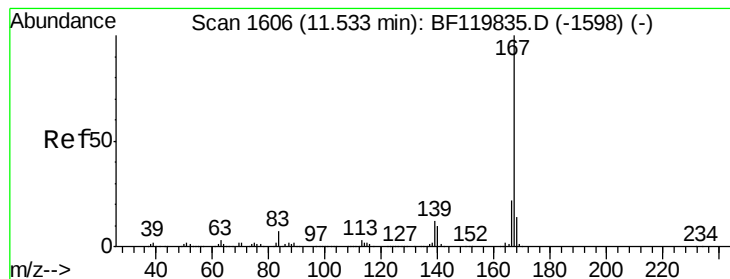
mohammad
4/10/2020 9:57:26 AM



#72
Anthracene
Concen: 37.749 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:178 Resp: 1496702
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 16.1 12.8 19.2





#73

Carbazole

Concen: 37.404 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1402447

Ion Ratio Lower Upper

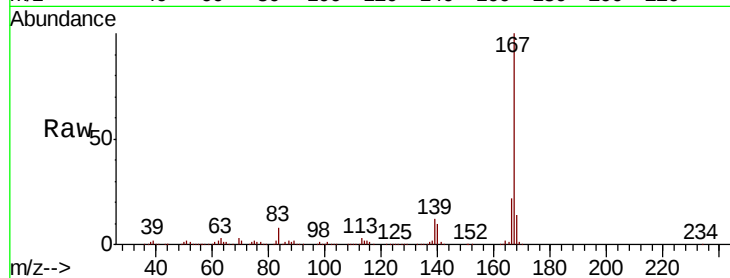
167 100

166 21.7 17.4 26.0

139 12.4 9.8 14.8

Manual Integrations
APPROVED

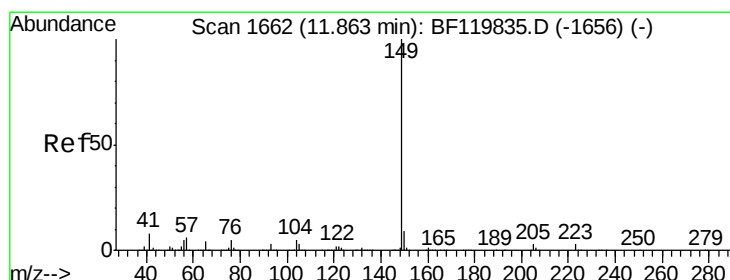
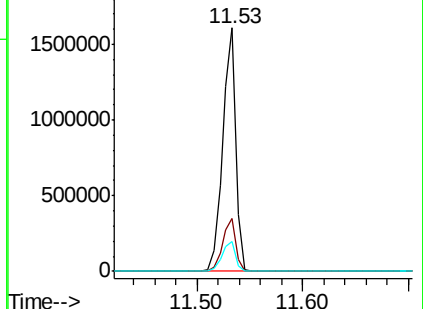
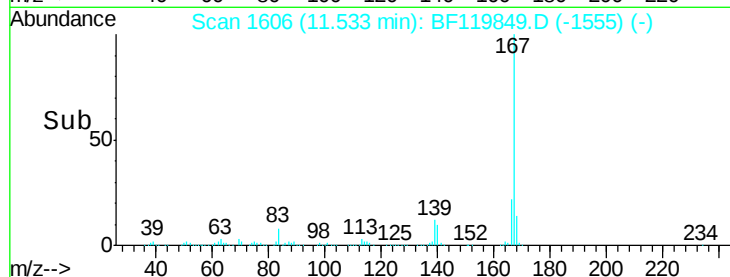
mohammad
4/10/2020 9:57:26 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.745 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

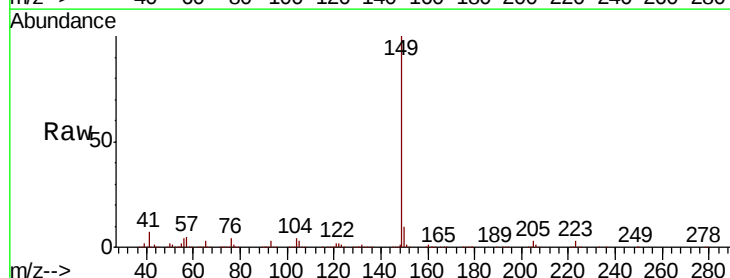
Tgt Ion:149 Resp: 1909745

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

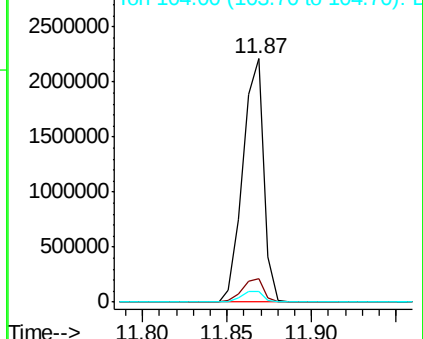
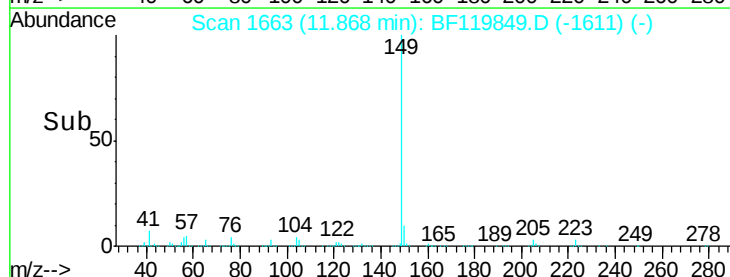
104 4.4 3.8 5.6

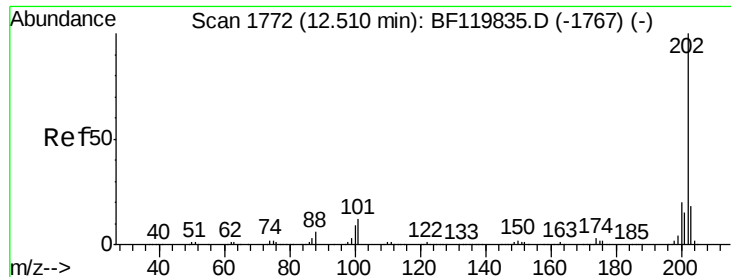


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





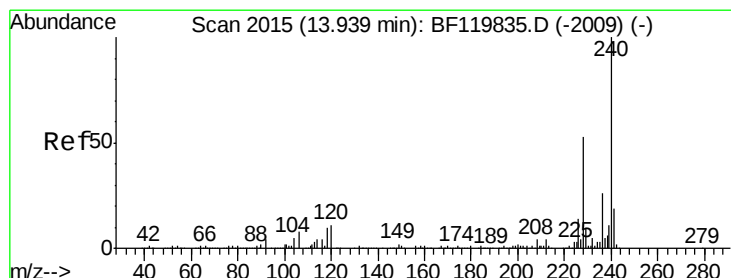
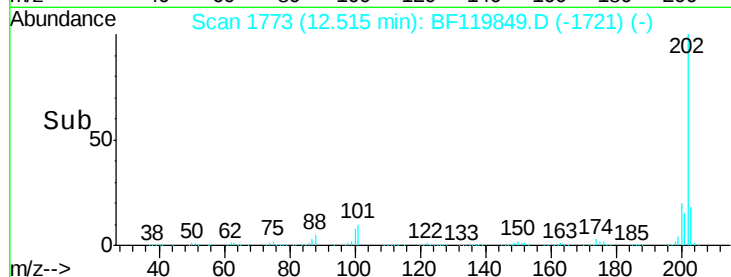
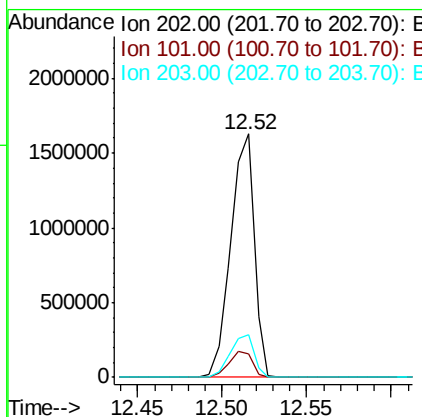
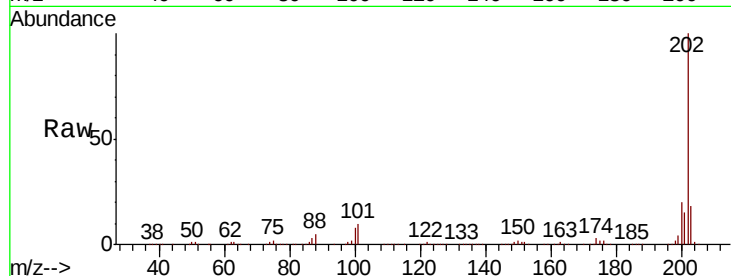
#75
 Fluoranthene
 Concen: 37.506 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	32.3
203	17.7	0.0	37.6

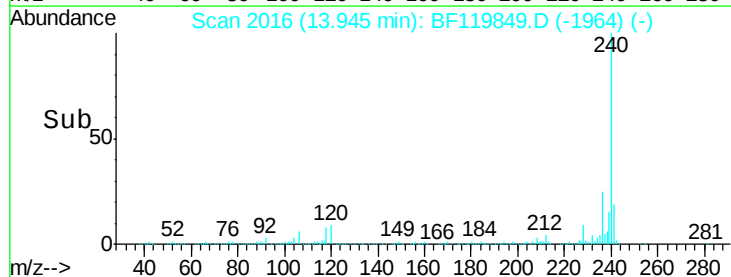
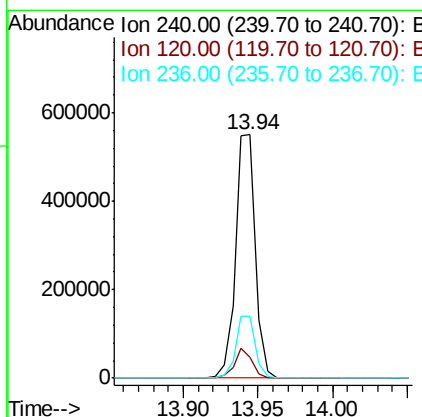
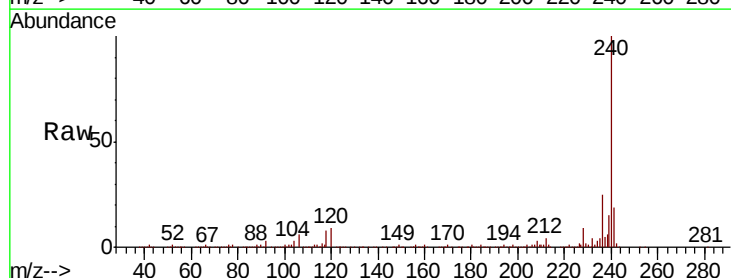
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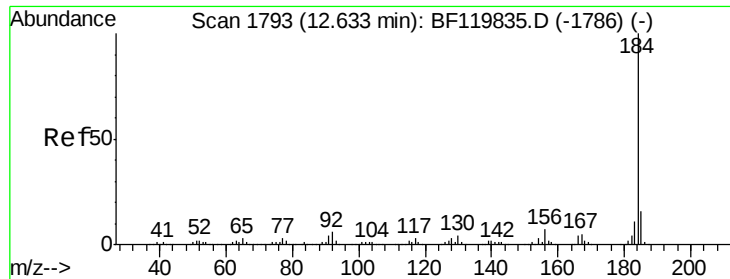
mohammad
 4/10/2020 9:57:26 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.0	13.6#
236	25.3	20.7	31.1





#77

Benzidine

Concen: 28.416 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

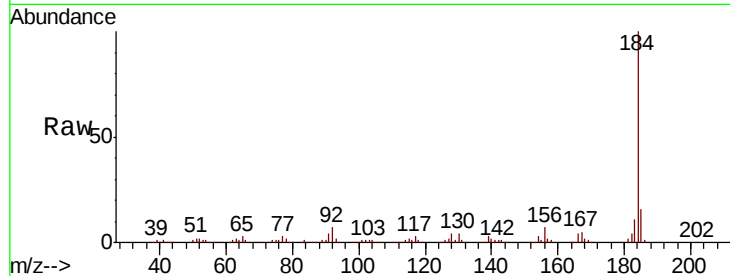
ClientSampleId :

SSTDCCC040

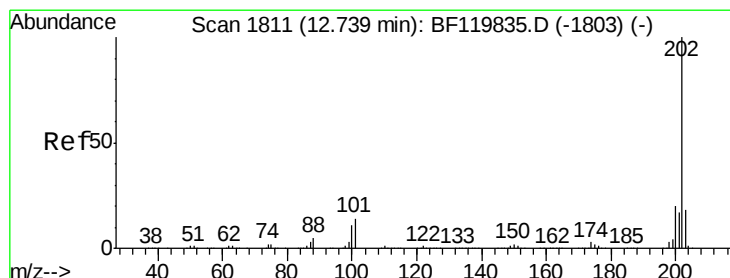
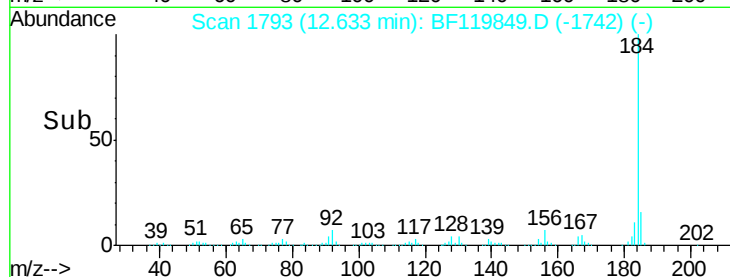
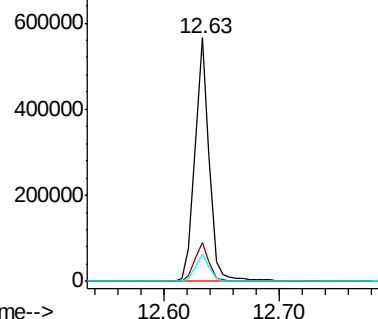
Tot Ion:	184	Resp:	491059
Ion Ratio	Lower	Upper	
184	100		
185	16.0	13.2	19.8
183	11.2	9.1	13.7

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.867 ng

RT: 12.74 min Scan# 1812

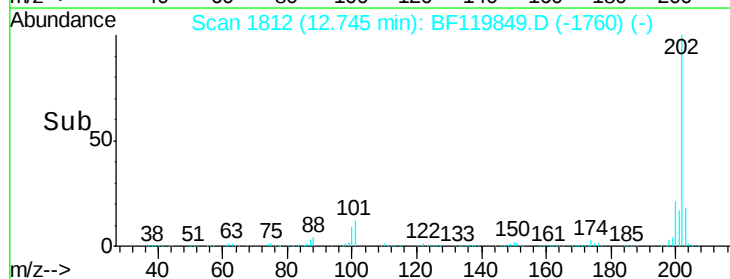
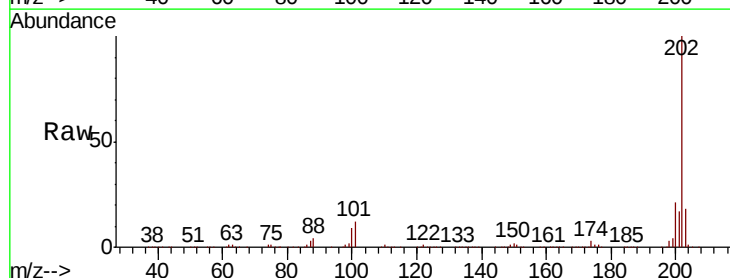
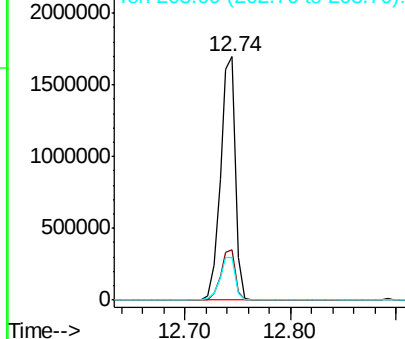
Delta R.T. 0.01 min

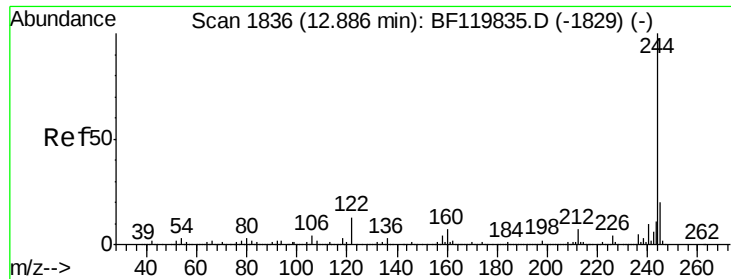
Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Tgt Ion:	202	Resp:	1675067
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.2	24.2
203	17.6	14.1	21.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





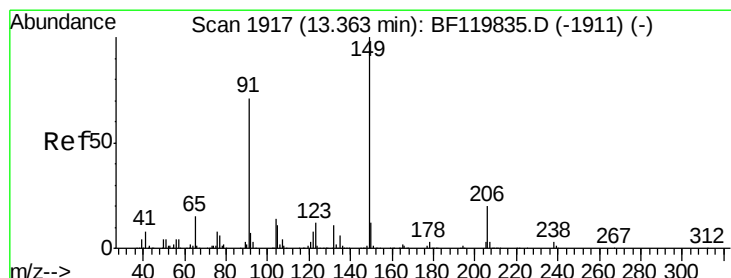
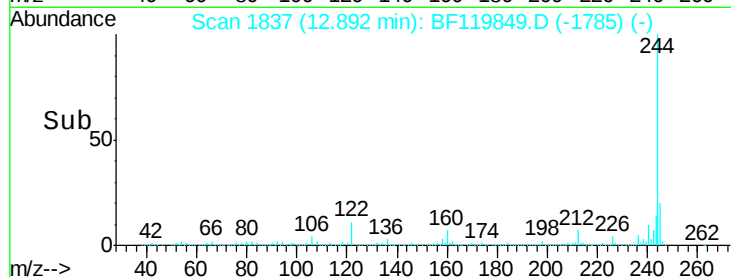
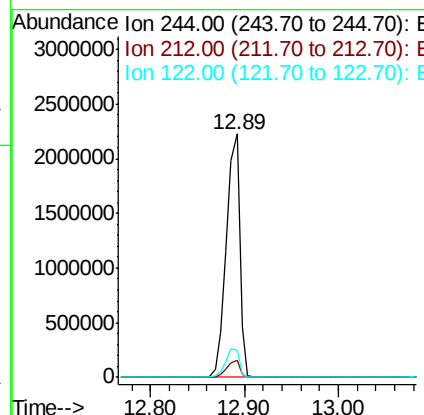
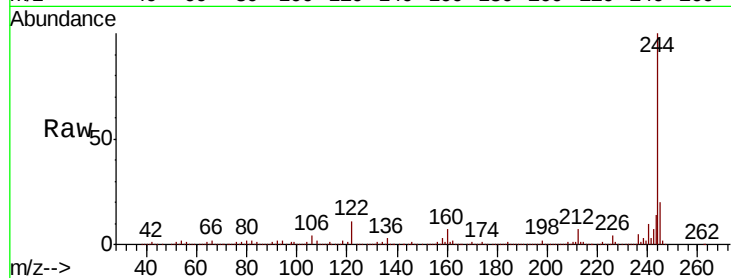
#79
 Terphenyl-d14
 Concen: 73.922 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.0	10.3	15.5

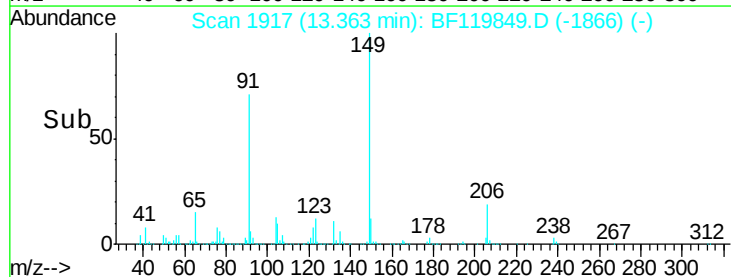
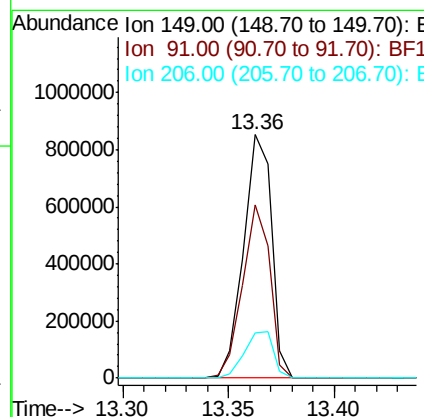
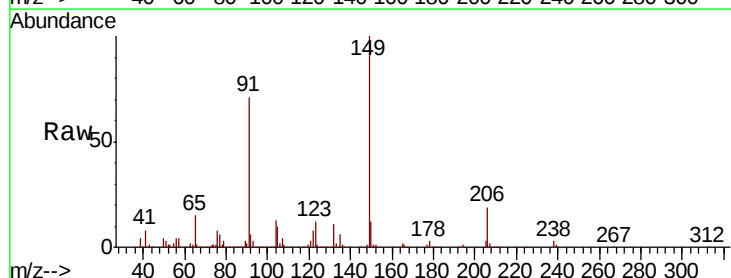
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#80
 Butylbenzylphthalate
 Concen: 37.511 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	56.7	85.1
206	18.5	15.7	23.5





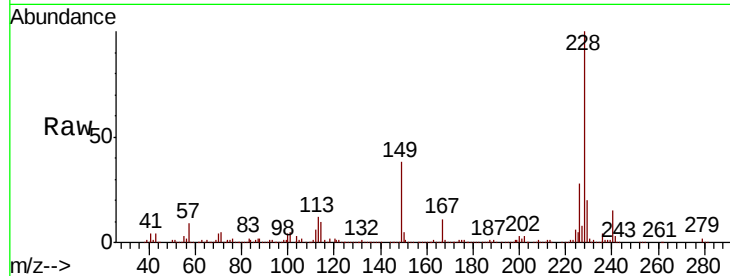
#81
Benzo(a)anthracene
Concen: 36.674 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.9	32.9
229	19.9	15.9	23.9

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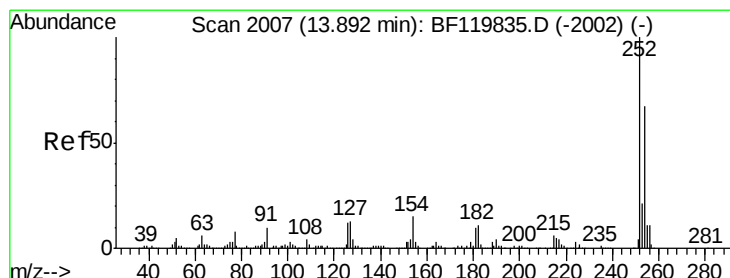
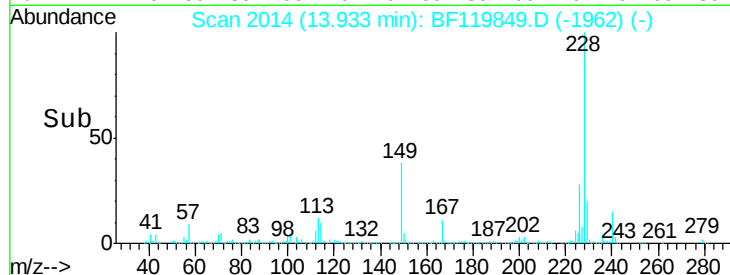
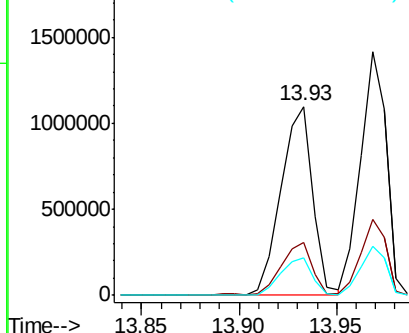


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 37.965 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

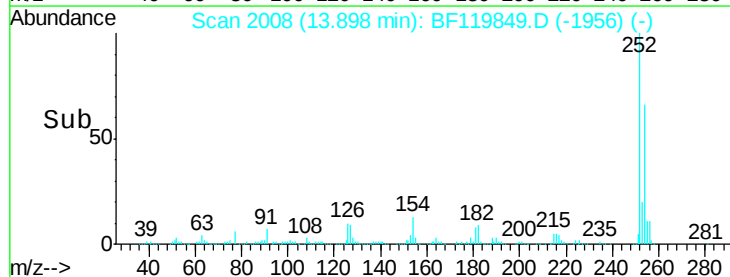
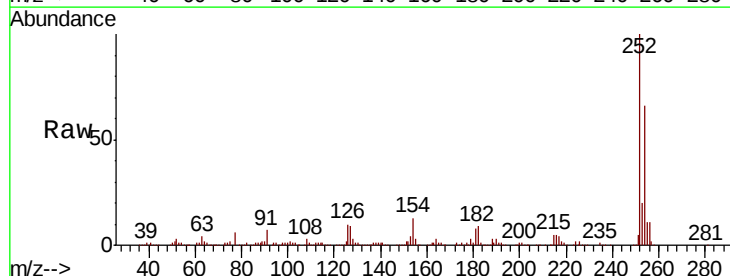
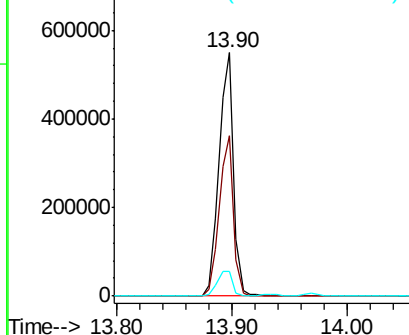
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	53.9	80.9
126	9.9	9.7	14.5

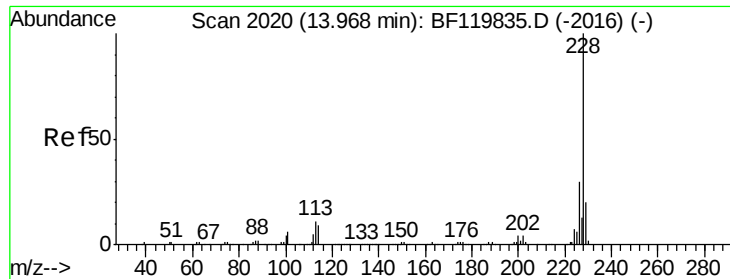
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





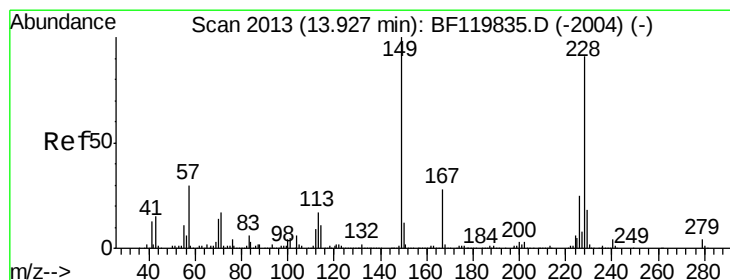
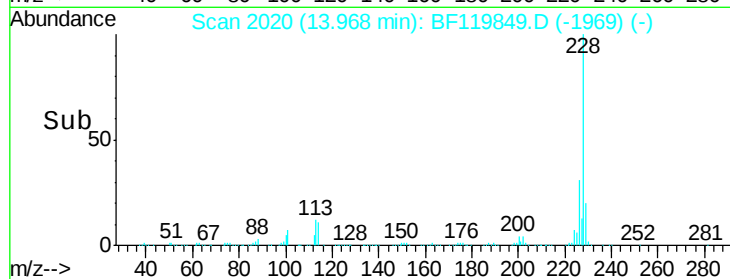
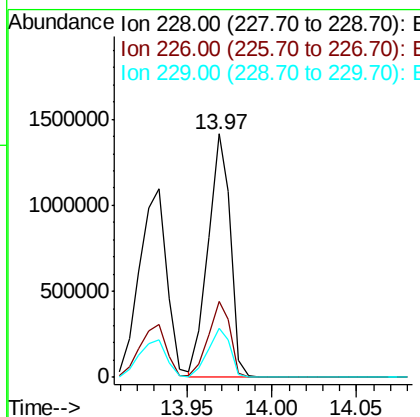
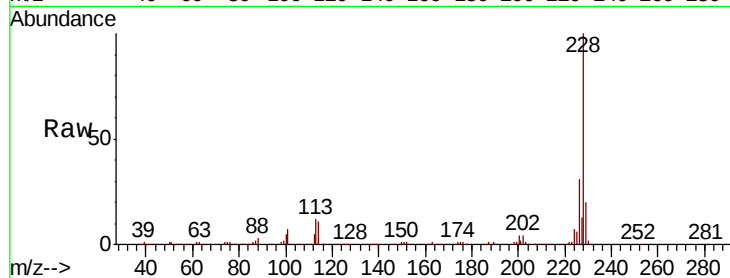
#83
 Chrvsene
 Concen: 38.145 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1303518
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.2 36.2
 229 20.4 15.9 23.9

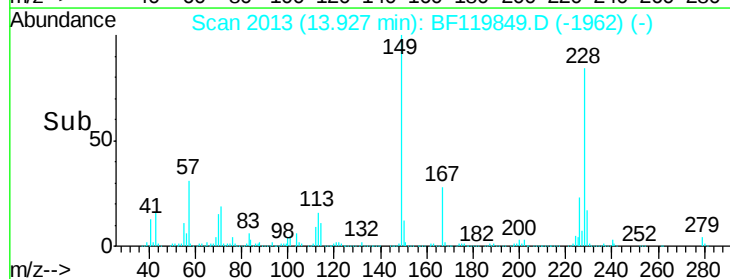
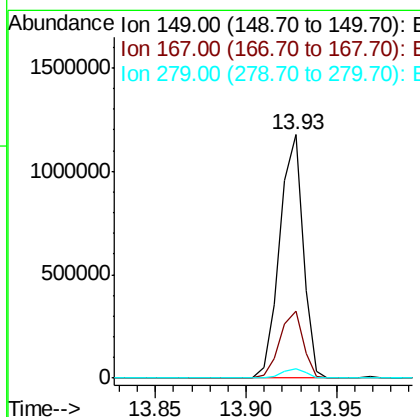
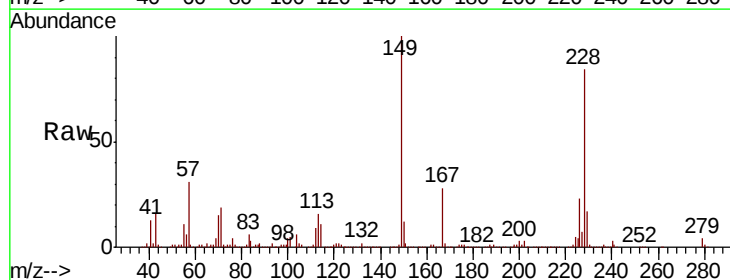
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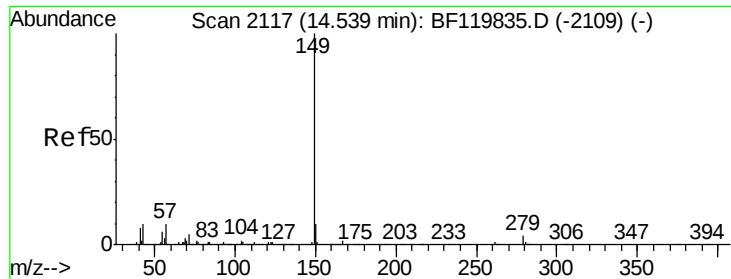
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.485 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:149 Resp: 1061557
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.2 33.2
 279 4.0 3.4 5.0





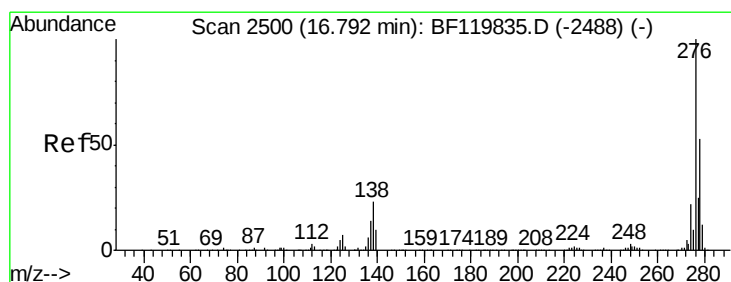
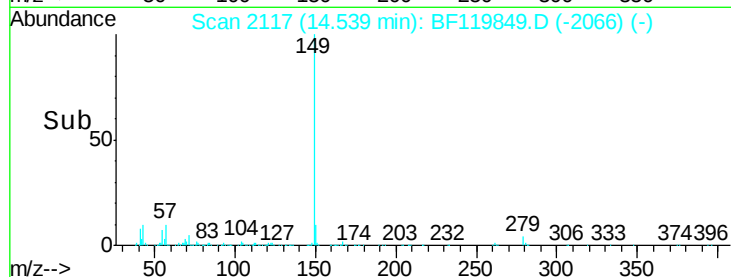
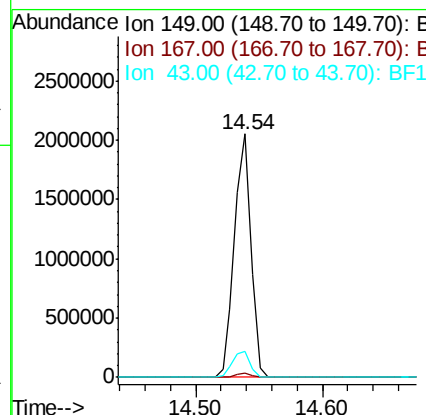
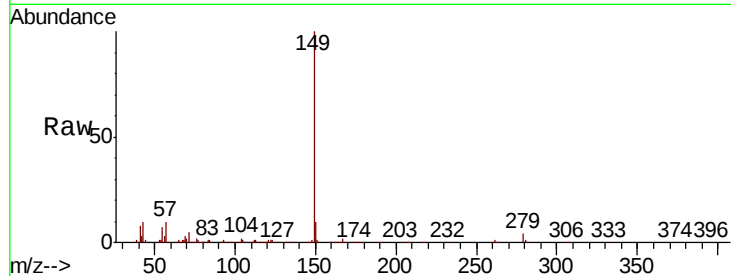
#85
Di-n-octyl phthalate
Concen: 38.401 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.3	9.2	13.8

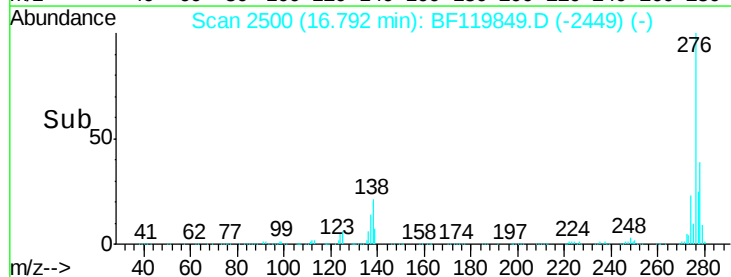
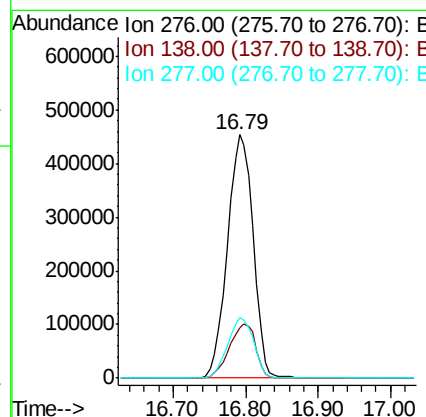
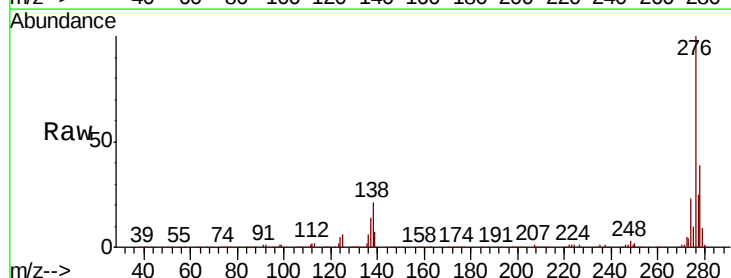
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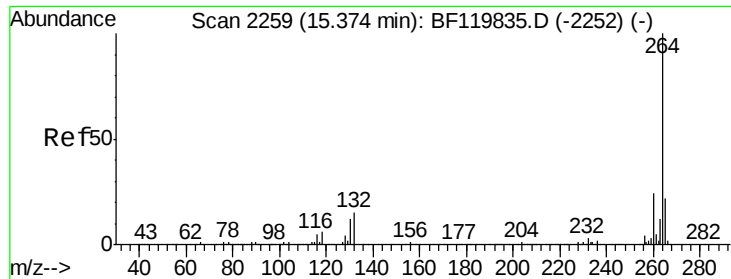
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.133 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.0	27.0
277	25.2	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

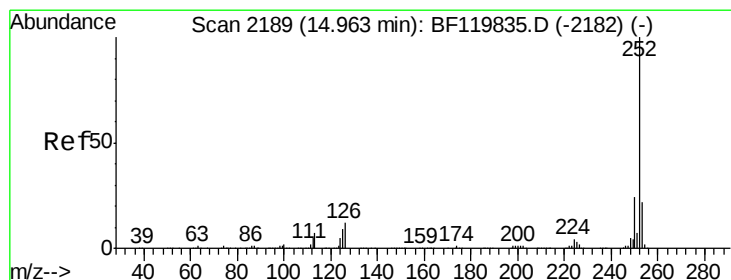
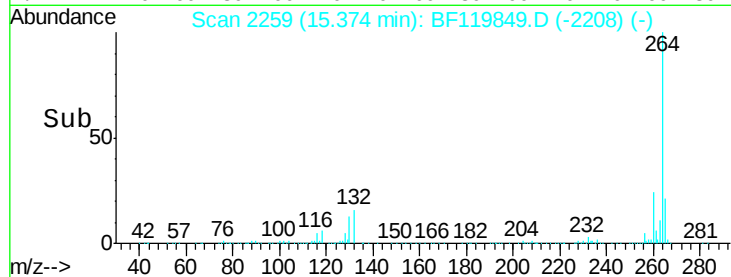
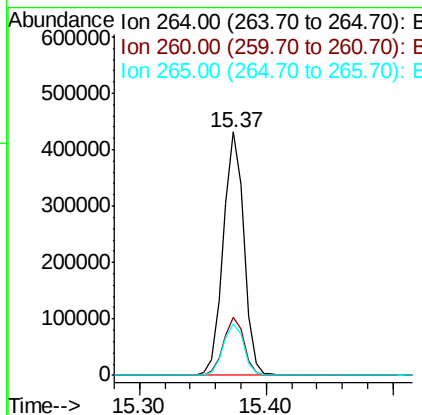
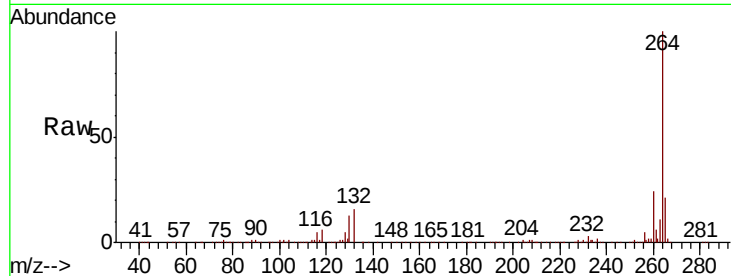
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	487066
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.3	28.9
265	21.4	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 34.766 ng

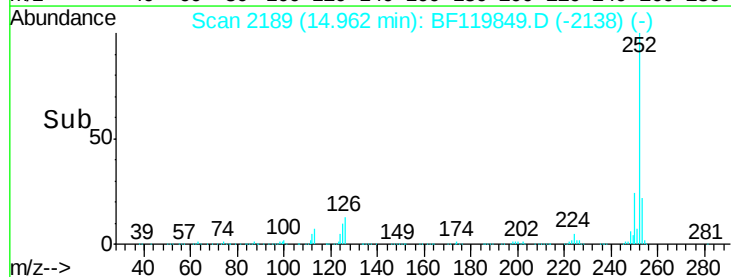
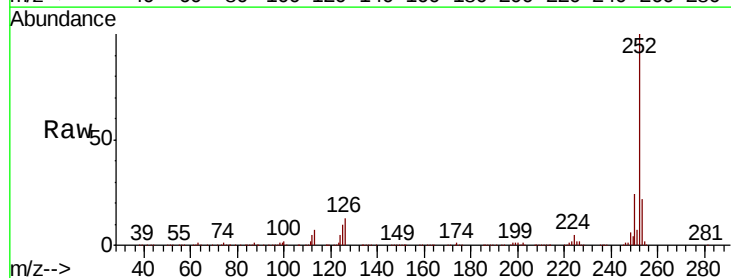
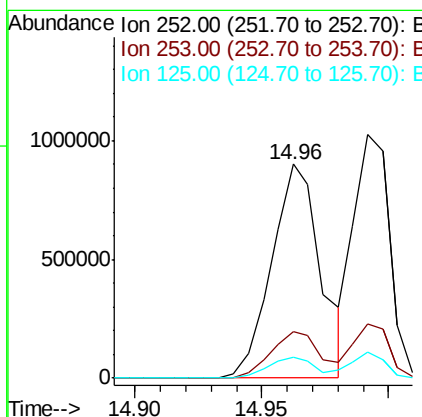
RT: 14.96 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Tgt Ion:	252	Resp:	1218156
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	10.0	7.4	11.2





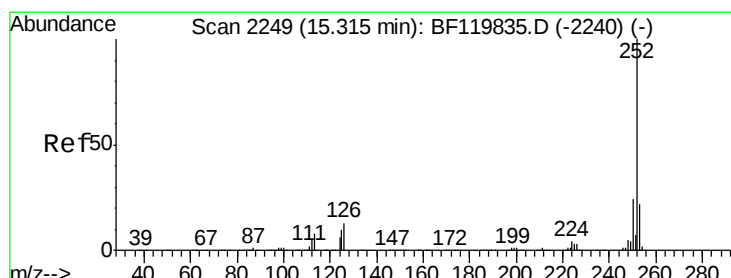
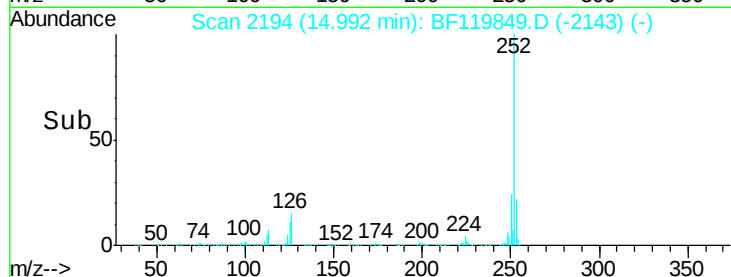
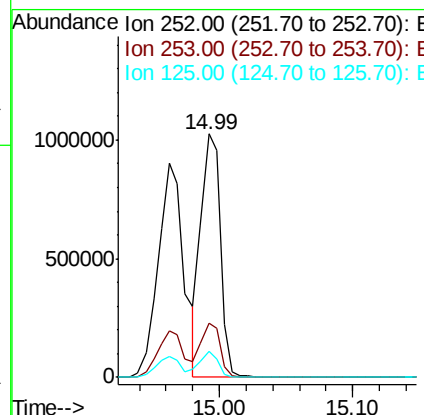
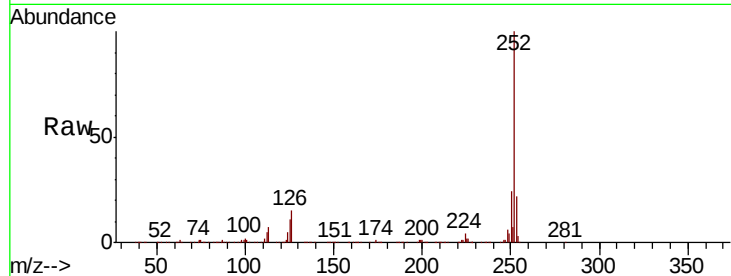
#89
Benzo(k)fluoranthene
Concen: 33.814 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.8	7.7	11.5

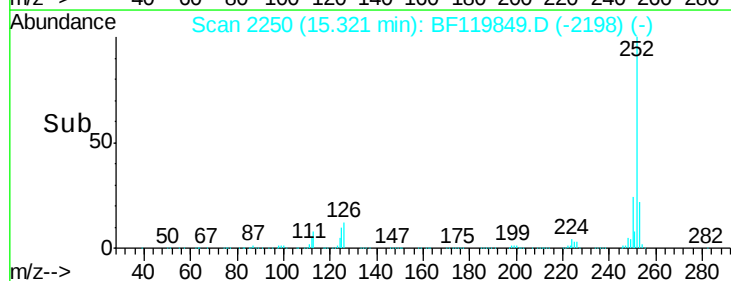
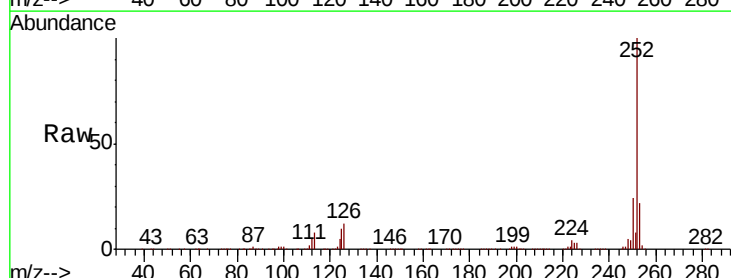
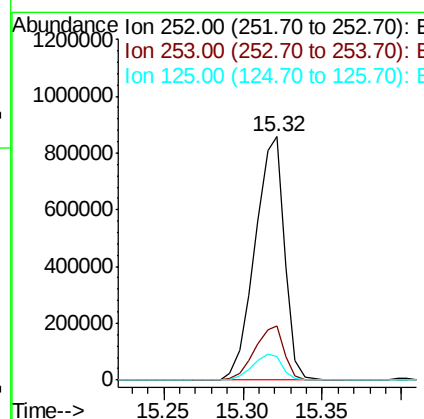
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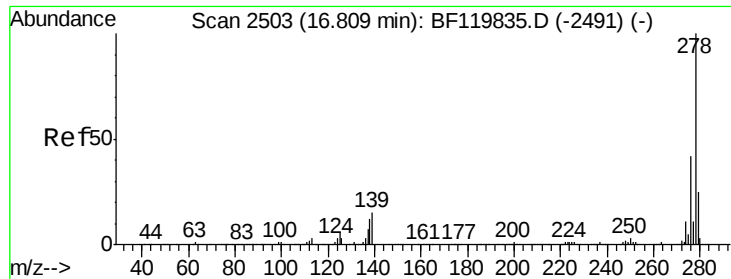
mohammad
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#90
Benzo(a)pyrene
Concen: 37.748 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	9.6	8.3	12.5





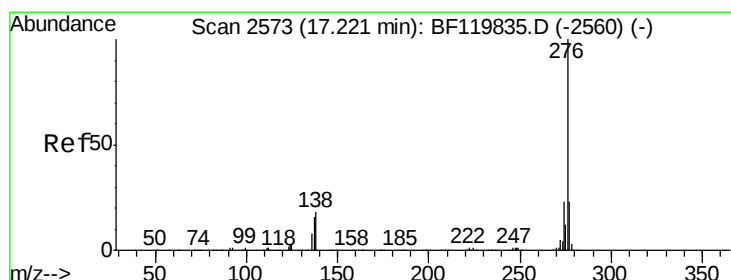
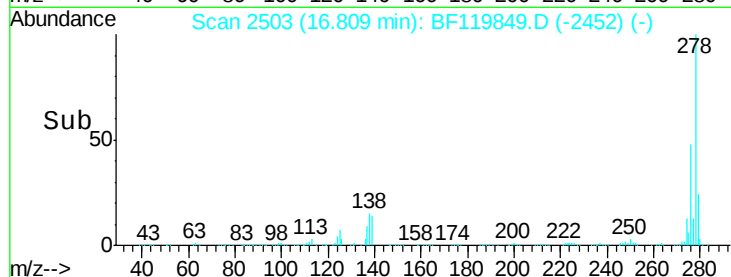
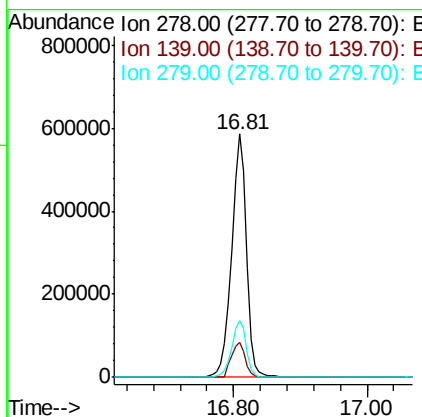
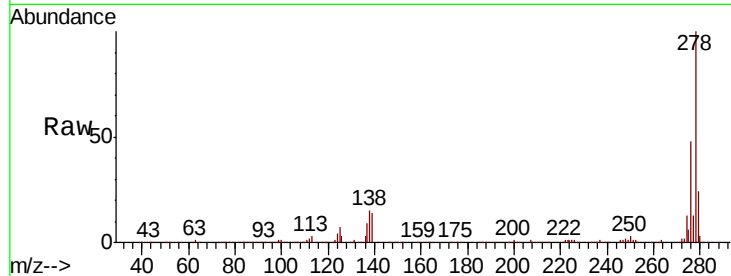
#91
Dibenzo(a,h)anthracene
Concen: 35.346 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.6	17.4
279	23.5	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:26 AM



#92
Benzo(g,h,i)perylene
Concen: 33.274 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	19.5	14.6	22.0

