

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119519.D
 Acq On : 25 Mar 2020 23:56
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:12:14 AM

Quant Time: Mar 26 04:57:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	413961	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1507581	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	788823	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1478237	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	962093	20.00	ng	-0.01
87) Perylene-d12	15.49	264	808574	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1940655	74.63	ng	0.00
7) Phenol-d6	6.47	99	2535131	76.32	ng	0.00
23) Nitrobenzene-d5	7.42	82	2364624	85.24	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	763317	93.80	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	4131394	77.59	ng	0.00
79) Terphenyl-d14	12.97	244	4348172	88.55	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	447321	34.829	ng	99
3) Pyridine	3.33	79	1206244	34.092	ng	98
4) n-Nitrosodimethylamine	3.29	42	601120	34.838	ng	98
6) Aniline	6.51	93	1729487	37.723	ng	99
8) 2-Chlorophenol	6.63	128	1104738	40.449	ng	97
9) Benzaldehyde	6.39	77	774472	36.752	ng	98
10) Phenol	6.49	94	1436452	40.526	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	1138909	40.175	ng	95
12) 1,3-Dichlorobenzene	6.79	146	1205694	40.789	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1192050	40.317	ng	99
14) 1,2-Dichlorobenzene	7.02	146	1113231	40.281	ng	98
15) Benzyl Alcohol	6.99	79	983453	39.358	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2235166	39.090	ng	97
17) 2-Methylphenol	7.09	107	998138	39.888	ng	97
18) Hexachloroethane	7.36	117	472647	43.621	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	825769	41.242	ng	97
20) 3+4-Methylphenols	7.25	107	1183121	38.579	ng	90
22) Acetophenone	7.26	105	1437477	39.904	ng	98
24) Nitrobenzene	7.43	77	1208994	40.783	ng	97
25) Isophorone	7.67	82	2347633	41.721	ng	97
26) 2-Nitrophenol	7.75	139	606748	51.982	ng	98
27) 2,4-Dimethylphenol	7.78	122	927200	38.417	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1402303	42.144	ng	99
29) 2,4-Dichlorophenol	7.99	162	953649	43.003	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	1054594	43.000	ng	99
31) Naphthalene	8.16	128	3110955	40.099	ng	99
32) Benzoic acid	7.92	122	822916	53.005	ng	96
33) 4-Chloroaniline	8.20	127	1407205	39.584	ng	99
34) Hexachlorobutadiene	8.27	225	626840	45.681	ng	99
35) Caprolactam	8.59	113	293181m	40.395	ng	
36) 4-Chloro-3-methylphenol	8.68	107	1016767	41.949	ng	96
37) 2-Methylnaphthalene	8.85	142	2134584	41.923	ng	99
38) 1-Methylnaphthalene	8.95	142	2018423	41.882	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	991744	42.894	ng	99

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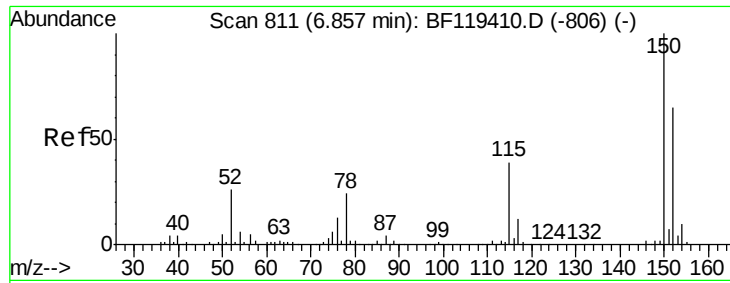
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	520544	39.601	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	719520	43.486	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	799187	43.117	nq	99
46) 1,1'-Biphenyl	9.32	154	2625849	40.872	nq	99
47) 2-Chloronaphthalene	9.34	162	2041115	40.559	nq	98
48) 2-Nitroaniline	9.43	65	765809	44.088	nq	93
49) Acenaphthylene	9.76	152	3089430	39.093	nq	99
50) Dimethylphthalate	9.62	163	2392793	42.705	nq	99
51) 2,6-Dinitrotoluene	9.67	165	546132	45.474	nq	96
52) Acenaphthene	9.93	154	2040605	41.419	nq	99
53) 3-Nitroaniline	9.85	138	613666	40.474	nq	98
54) 2,4-Dinitrophenol	9.95	184	265401	53.702	nq	96
55) Dibenzofuran	10.10	168	2810838	39.793	nq	96
56) 4-Nitrophenol	10.00	139	474067	39.635	nq	96
57) 2,4-Dinitrotoluene	10.08	165	708820	46.851	nq	96
58) Fluorene	10.45	166	2112671	40.446	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	631772	45.599	nq	99
60) Diethylphthalate	10.32	149	2508861	44.118	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	1089477	42.652	nq	98
62) 4-Nitroaniline	10.46	138	600054	41.271	nq	100
63) Azobenzene	10.59	77	2349827	41.033	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	349978	56.460	nq	88
66) n-Nitrosodiphenylamine	10.56	169	2005667	41.330	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	752929	44.723	nq	93
68) Hexachlorobenzene	10.99	284	757536	43.965	nq	93
69) Atrazine	11.08	200	594093	44.655	nq	100
70) Pentachlorophenol	11.18	266	458213	45.353	nq	97
71) Phenanthrene	11.40	178	3037379	39.626	nq	98
72) Anthracene	11.46	178	3062892	39.317	nq	99
73) Carbazole	11.61	167	2935900	38.075	nq	98
74) Di-n-butylphthalate	11.94	149	3783491	45.868	nq	97
75) Fluoranthene	12.59	202	3231851	38.960	nq	99
77) Benzidine	12.71	184	1281331	31.470	nq	100
78) Pyrene	12.82	202	3273922	41.464	nq	99
80) Butylbenzylphthalate	13.44	149	1667638	52.220	nq	100
81) Benzo(a)anthracene	14.02	228	2430754	38.853	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	997524	40.438	nq	95
83) Chrysene	14.05	228	2603740	40.326	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	2212071	58.107	nq	99
85) Di-n-octyl phthalate	14.62	149	3796322	56.702	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2241566	36.862	nq	97
88) Benzo(b)fluoranthene	15.06	252	2427741	44.948	nq	99
89) Benzo(k)fluoranthene	15.09	252	2180102	42.389	nq	100
90) Benzo(a)pyrene	15.43	252	2047605	41.715	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	1861380	43.355	nq	99
92) Benzo(g,h,i)perylene	17.40	276	1820544	42.208	nq	96

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



#1

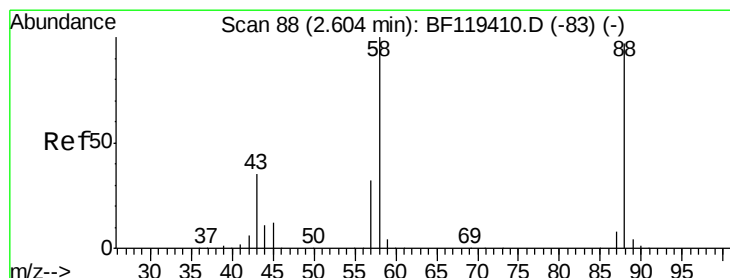
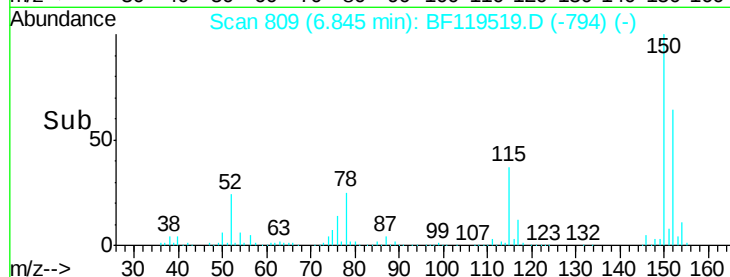
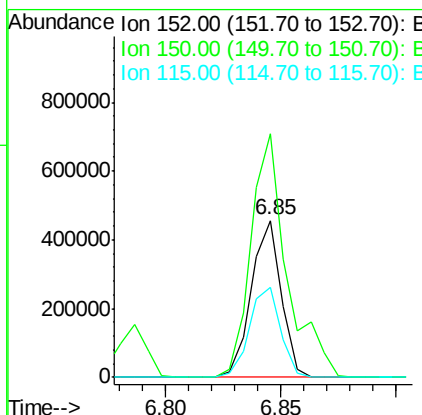
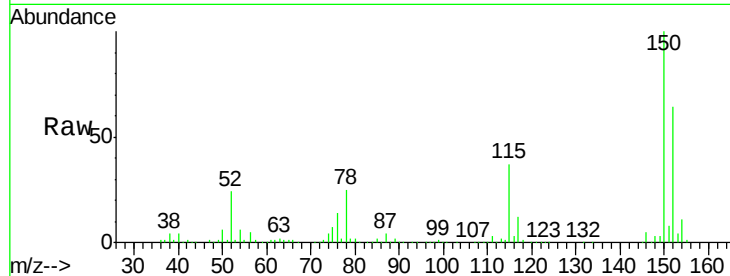
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.9	185.9
115	57.2	47.8	71.6

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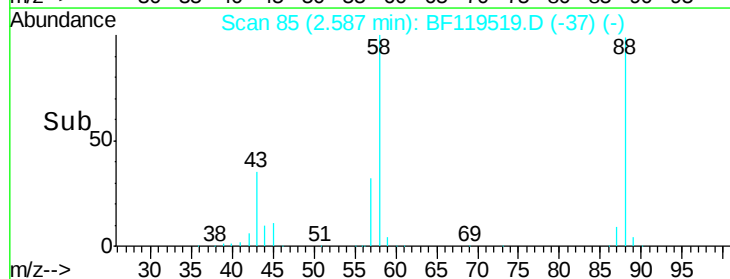
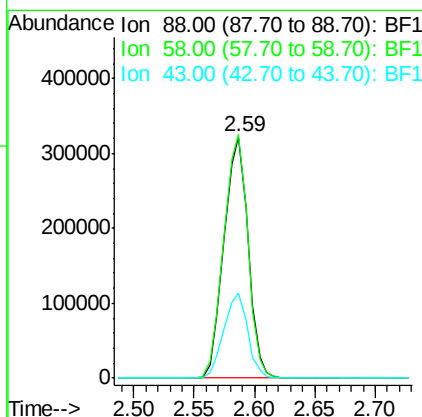
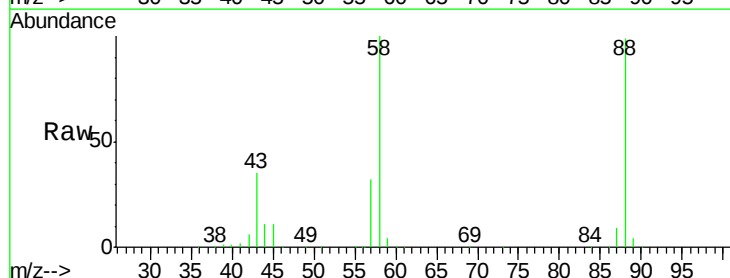
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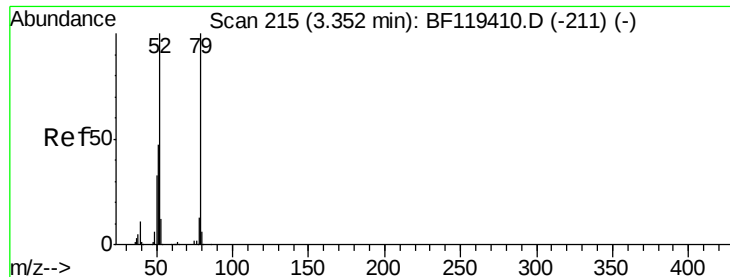


#2

1,4-Dioxane
Concen: 34.829 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.9	79.4	119.2
43	35.0	28.4	42.6





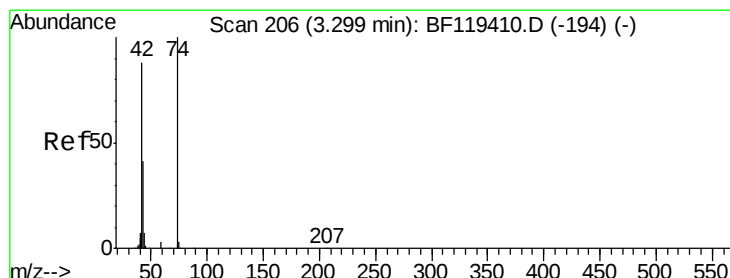
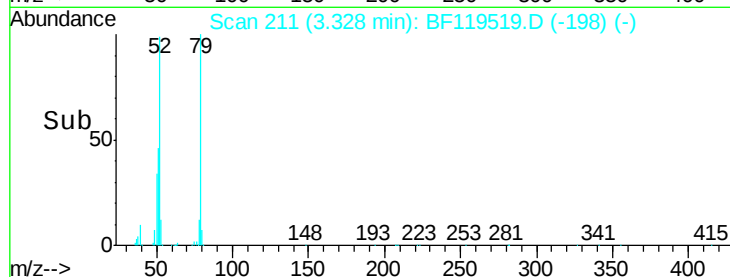
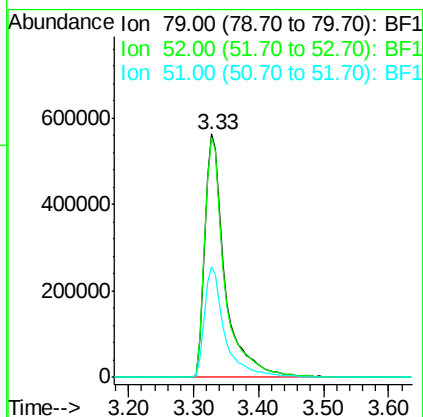
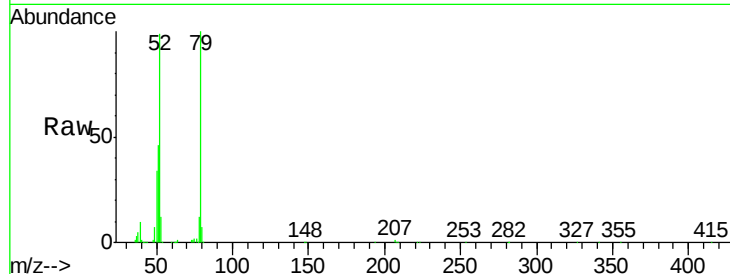
#3
Pvridine
Concen: 34.092 ng
RT: 3.33 min Scan# 211
Delta R.T. -0.02 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	98.5	80.0	120.0	
51	45.6	37.9	56.9	

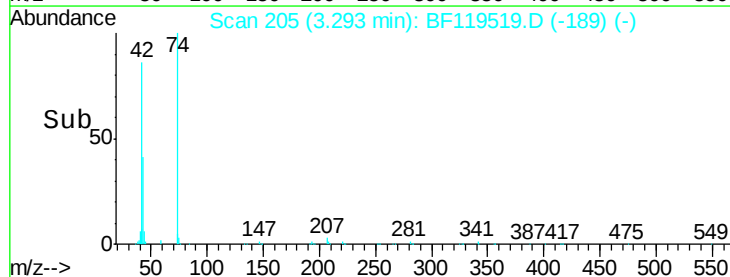
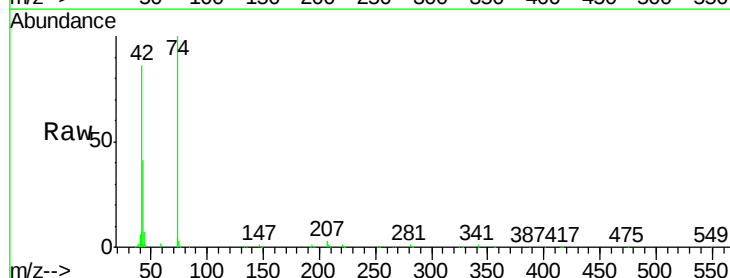
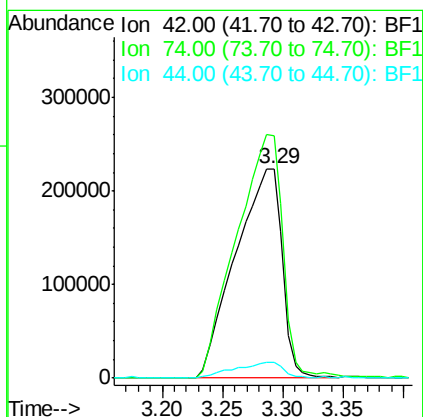
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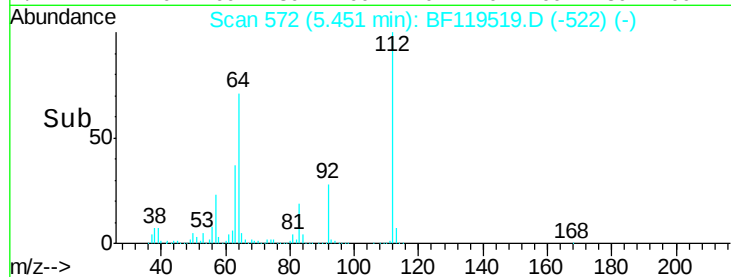
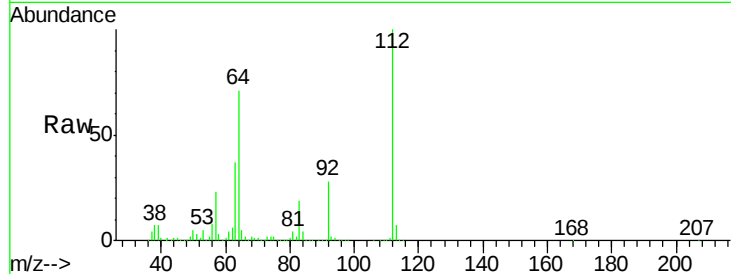
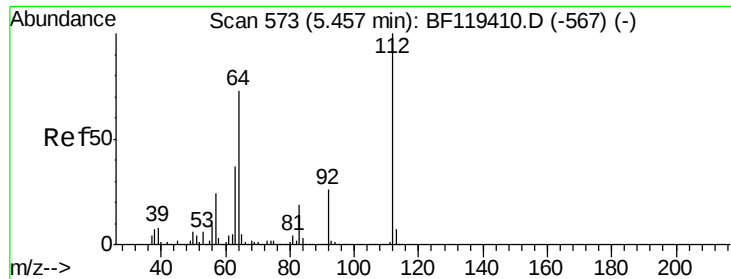
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#4
n-Nitrosodimethylamine
Concen: 34.838 ng
RT: 3.29 min Scan# 205
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	115.7	91.3	136.9	
44	7.6	7.1	10.7	





#5

2-Fluorophenol

Concen: 74.629 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Tot Ion:	112	Resp:	1940655
Ion	Ratio	Lower	Upper
112	100		
64	71.2	58.1	87.1
63	37.2	29.7	44.5

Instrument :

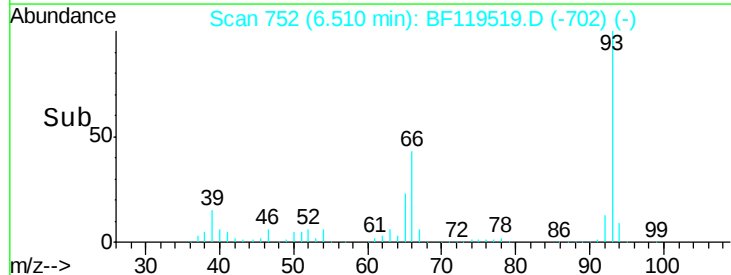
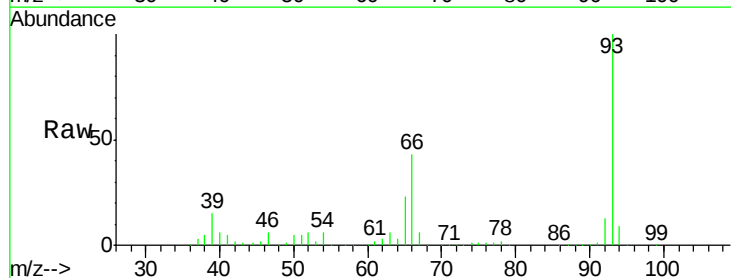
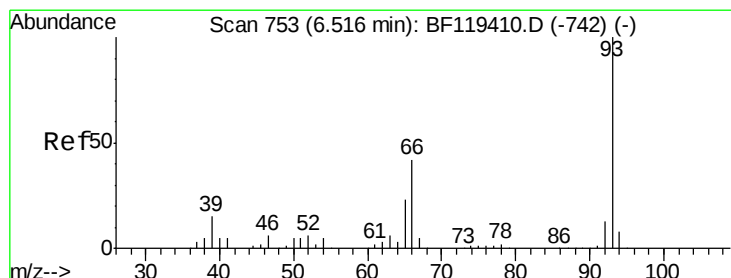
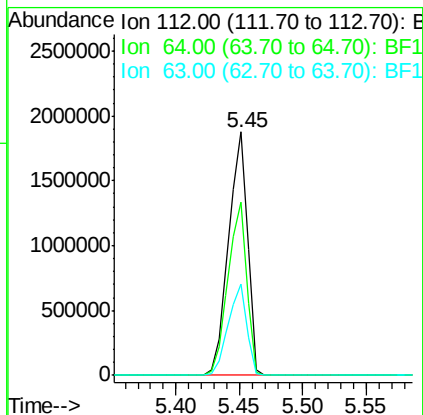
BNA_F

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 37.723 ng

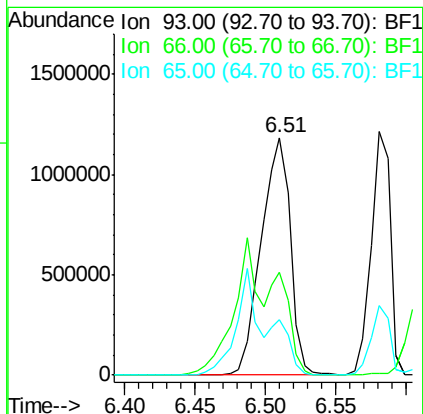
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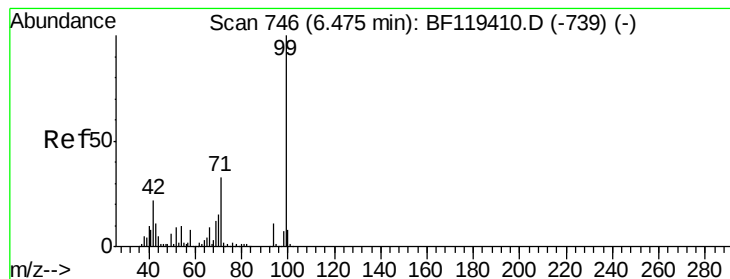
Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Tgt Ion:	93	Resp:	1729487
Ion	Ratio	Lower	Upper
93	100		
66	43.2	34.2	51.4
65	23.2	18.2	27.4





#7

Phenol-d6

Concen: 76.317 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 2535131

Ion Ratio Lower Upper

99 100

42 21.4 17.8 26.6

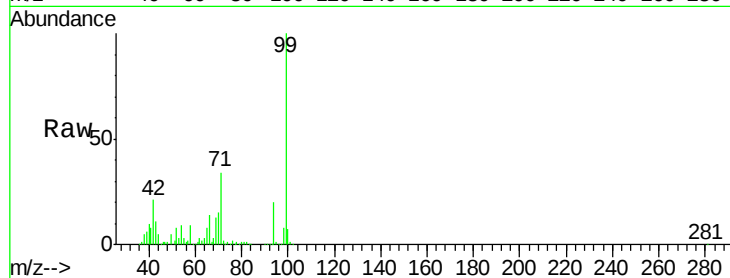
71 33.7 26.0 39.0

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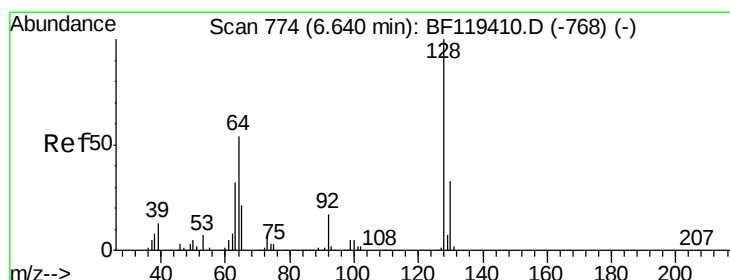
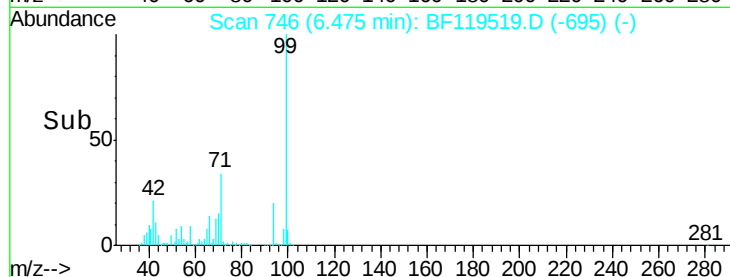
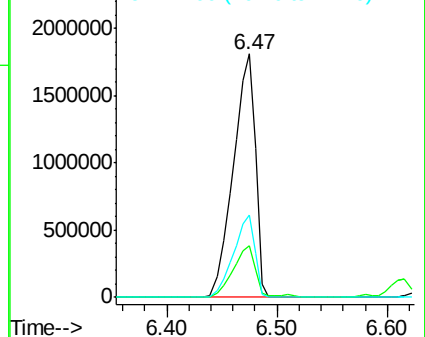
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.449 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

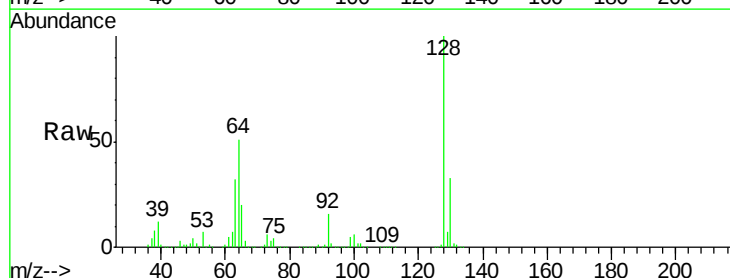
Tgt Ion: 128 Resp: 1104738

Ion Ratio Lower Upper

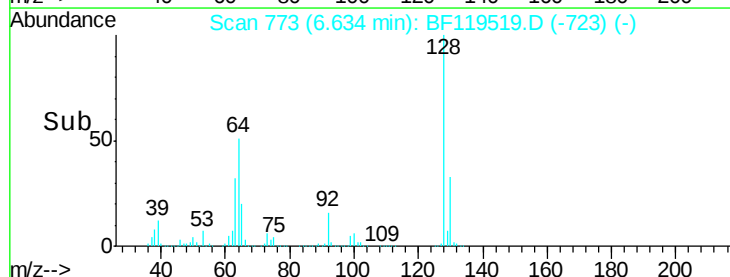
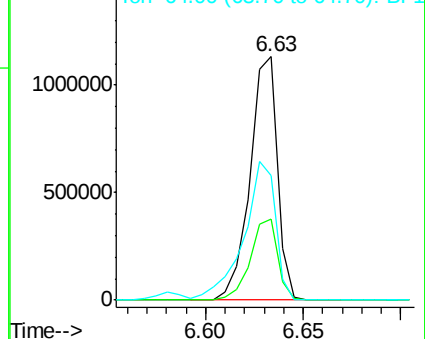
128 100

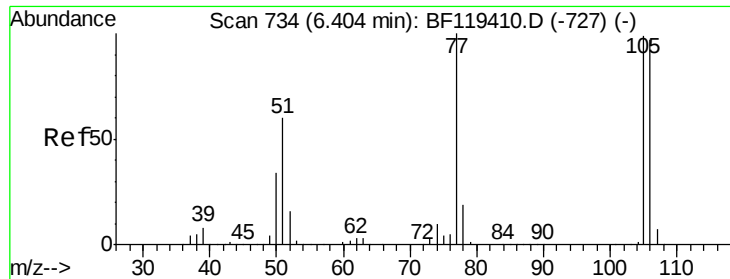
130 33.3 13.0 53.0

64 51.4 35.1 75.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.752 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

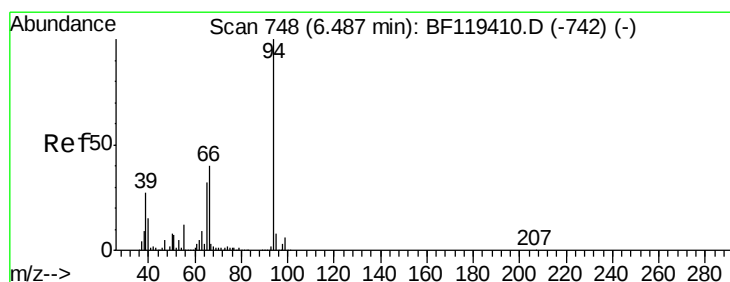
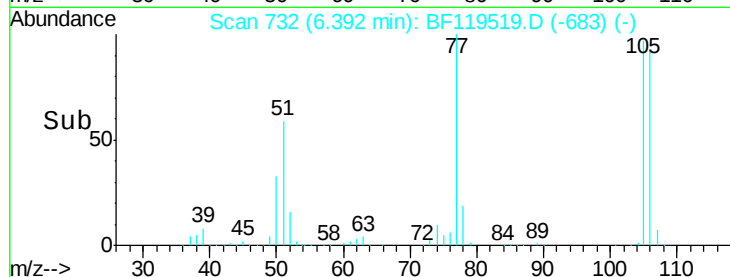
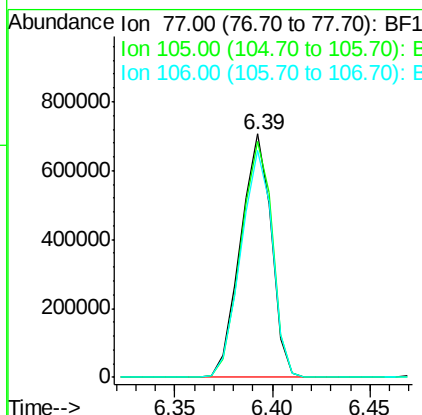
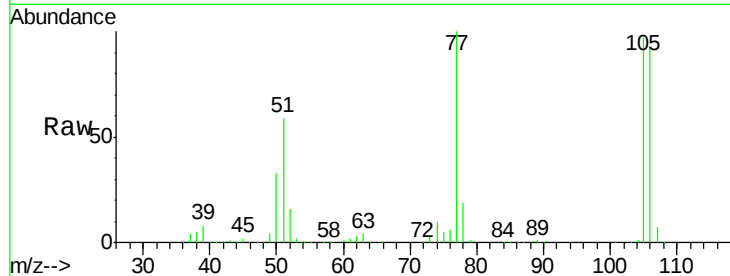
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	774472
Ion	Ratio	Lower	Upper
77	100		
105	97.1	78.6	118.6
106	93.0	76.5	116.5

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#10

Phenol

Concen: 40.526 ng

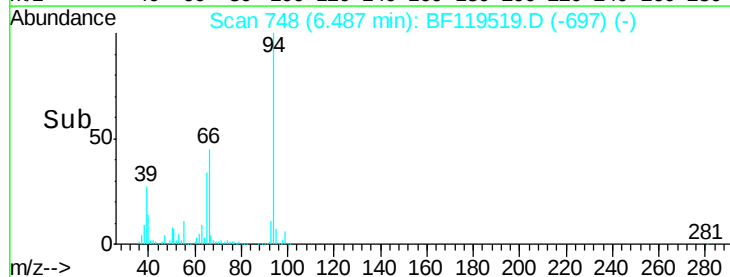
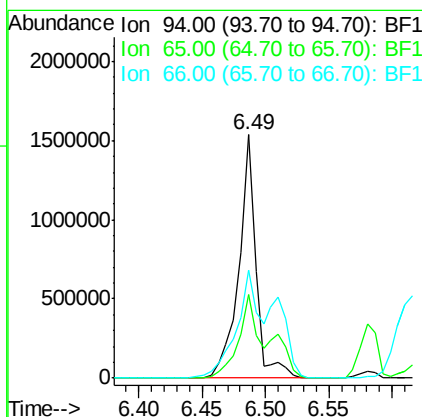
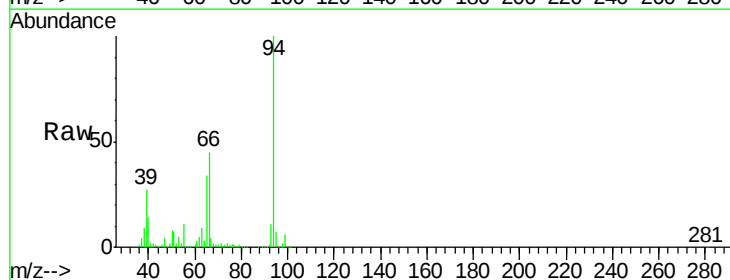
RT: 6.49 min Scan# 748

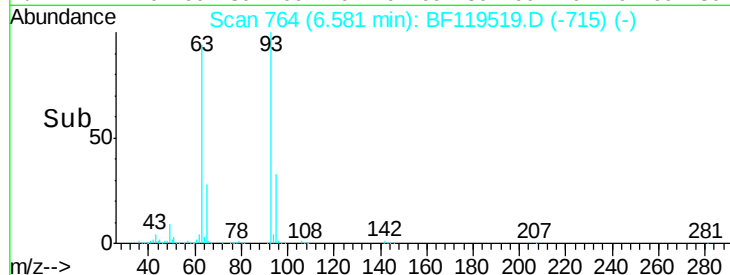
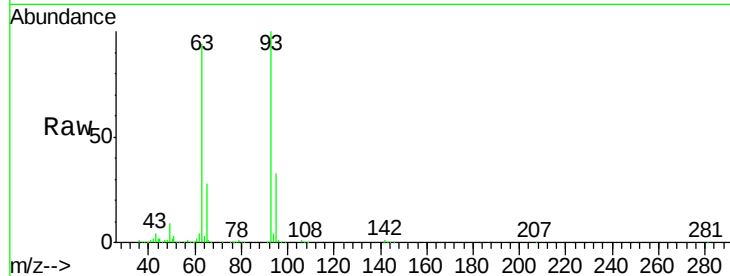
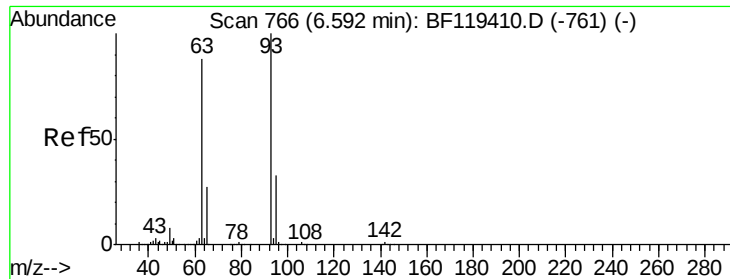
Delta R.T. -0.00 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Tgt Ion:	94	Resp:	1436452
Ion	Ratio	Lower	Upper
94	100		
65	34.5	12.0	52.0
66	44.6	20.6	60.6





#11
bis(2-Chloroethyl)ether
Concen: 40.175 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

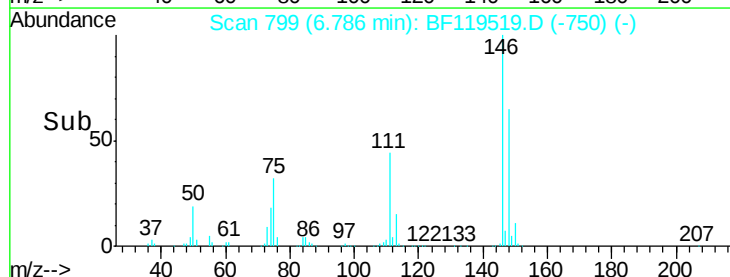
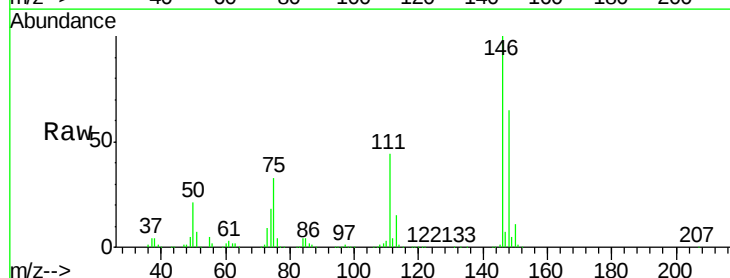
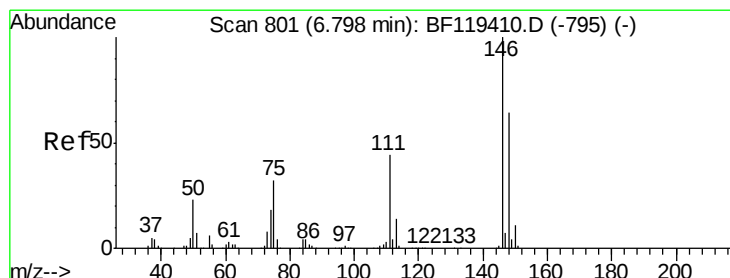
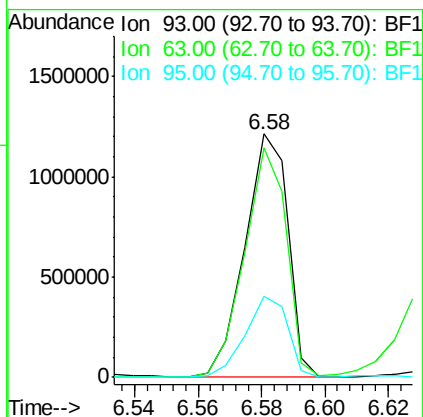
Tot Ion: 93 Resp: 1138909

Ion	Ratio	Lower	Upper
93	100		
63	94.4	68.4	108.4
95	33.4	13.4	53.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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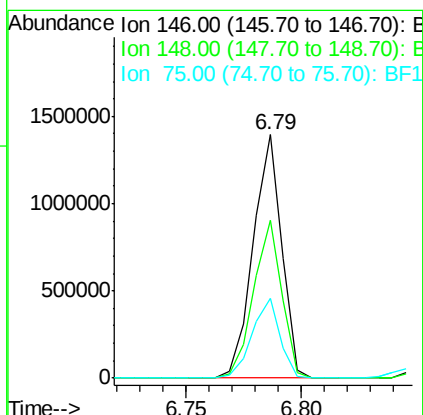
mohammad
3/27/2020 8:12:14 AM

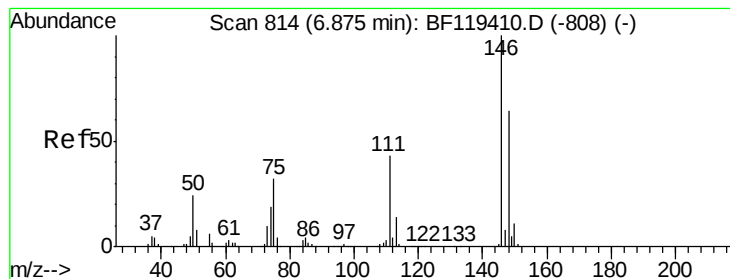


#12
1,3-Dichlorobenzene
Concen: 40.789 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion: 146 Resp: 1205694

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
75	32.6	25.8	38.8





#13

1,4-Dichlorobenzene

Concen: 40.317 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:146 Resp: 1192050

Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

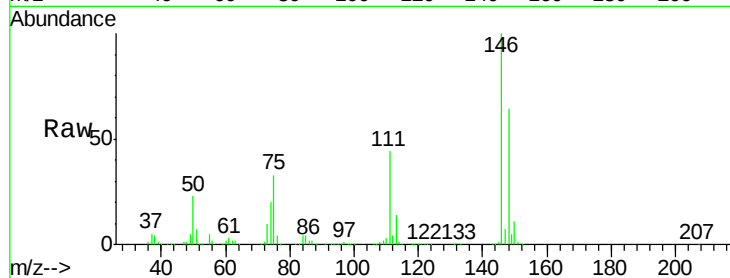
111 43.6 34.6 52.0

Manual Integrations

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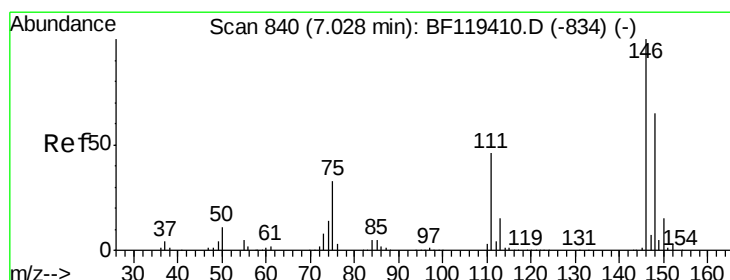
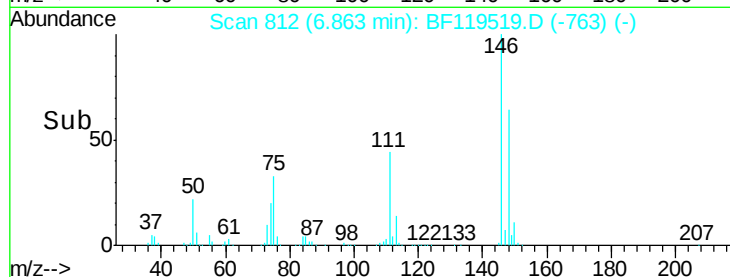
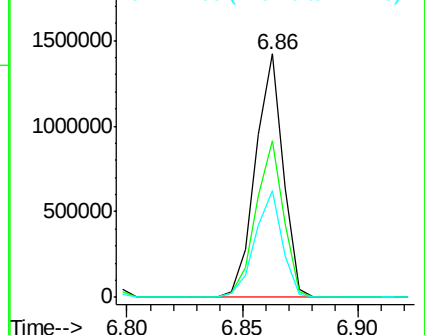
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.281 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

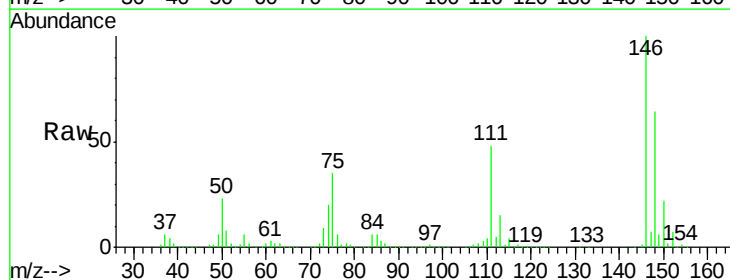
Tgt Ion:146 Resp: 1113231

Ion Ratio Lower Upper

146 100

148 64.3 51.7 77.5

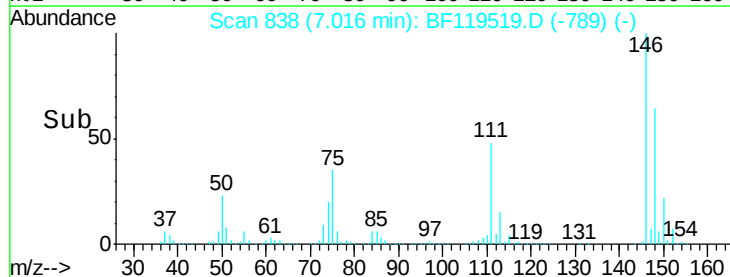
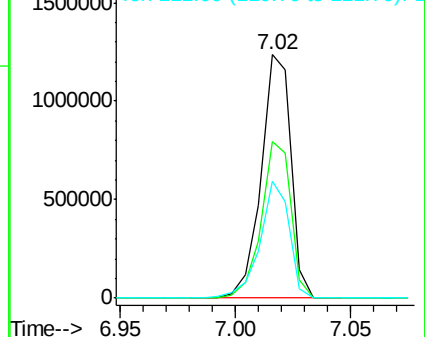
111 47.8 36.4 54.6

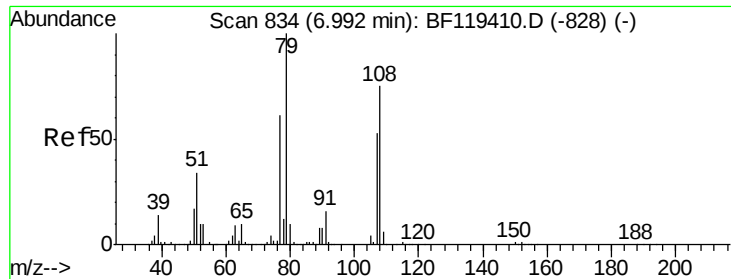


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.358 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

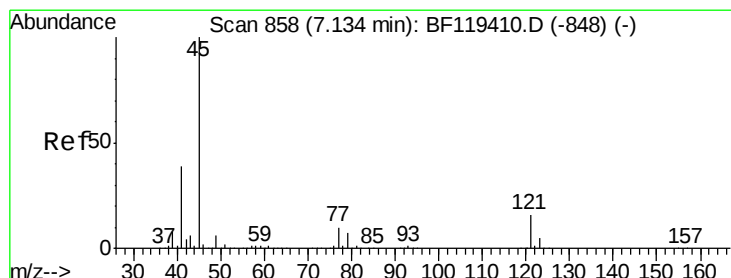
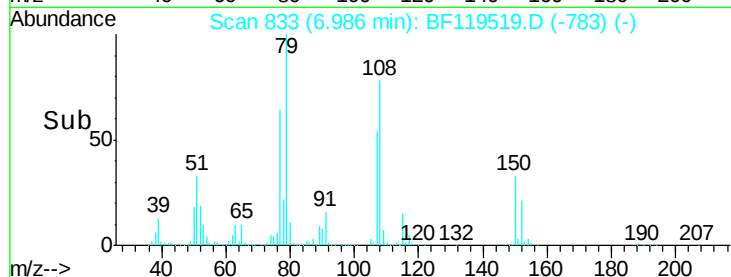
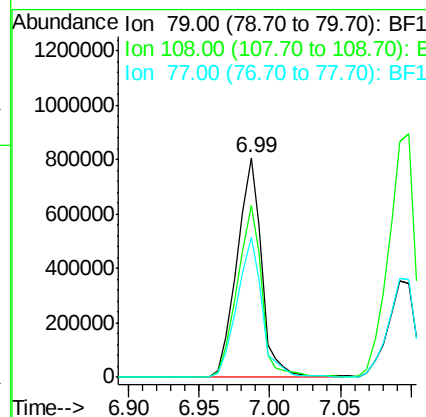
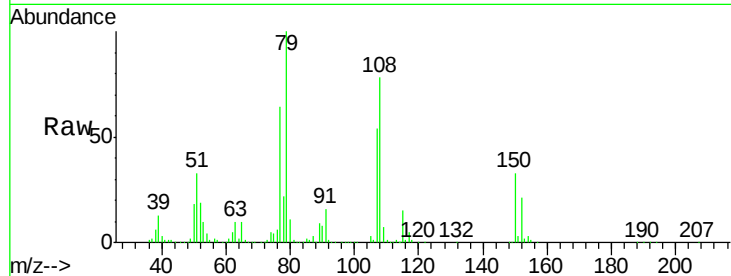
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	983453
Ion Ratio	Lower	Upper	
79	100		
108	78.0	60.4	90.6
77	63.7	49.0	73.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.090 ng

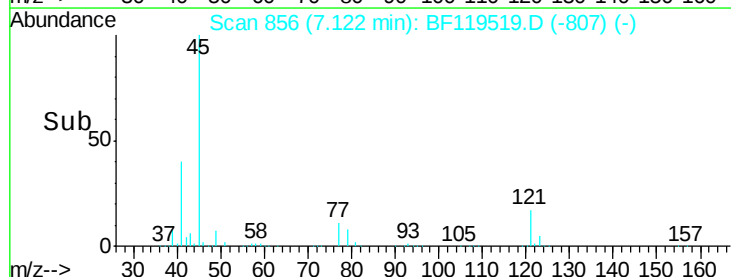
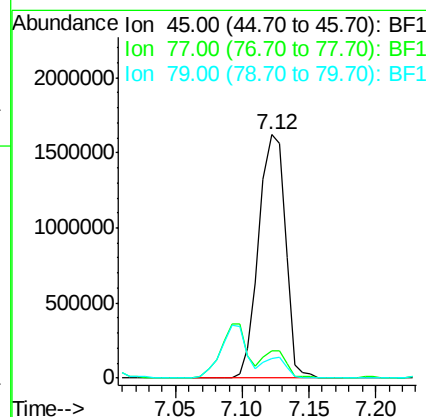
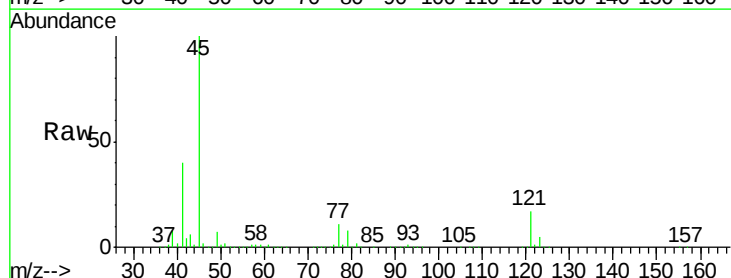
RT: 7.12 min Scan# 856

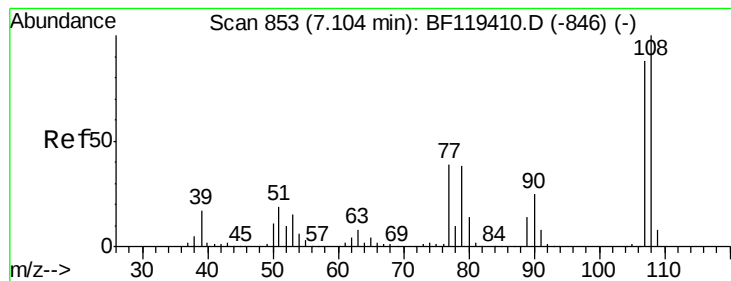
Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Tgt Ion:	45	Resp:	2235166
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	30.1
79	8.2	0.0	27.4





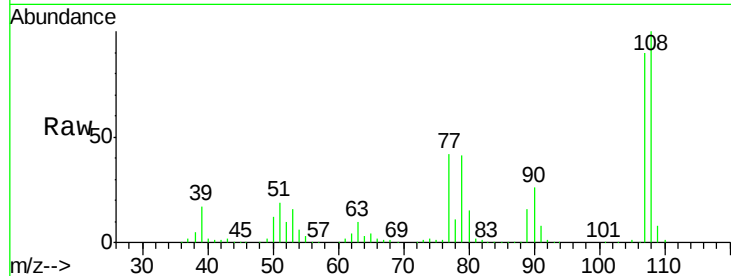
#17
2-Methylphenol
Concen: 39.888 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

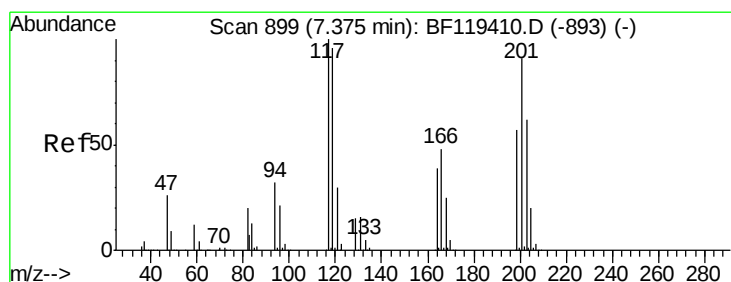
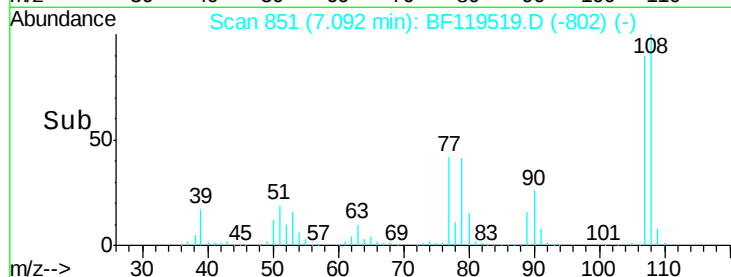
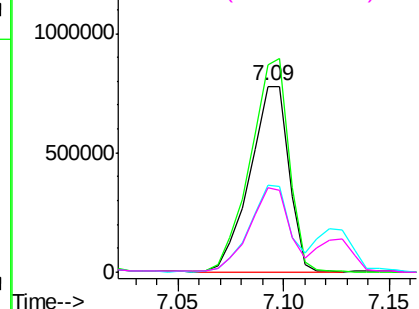
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.7	136.1
77	46.7	35.6	53.4
79	45.8	34.7	52.1

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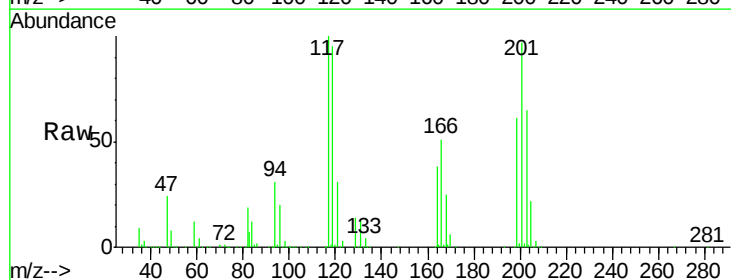


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

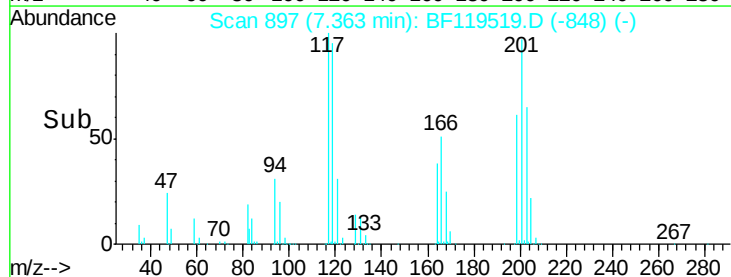
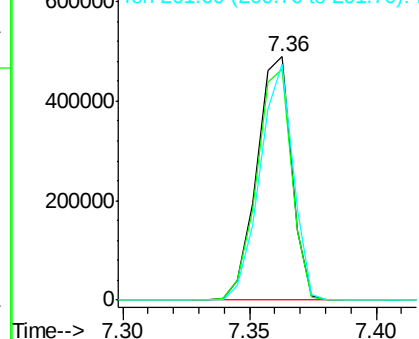


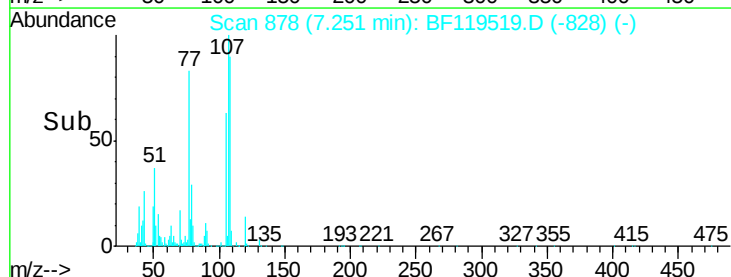
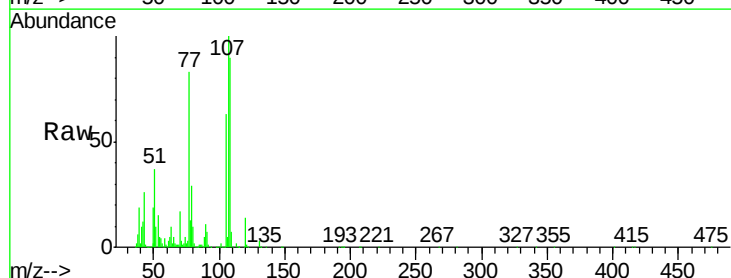
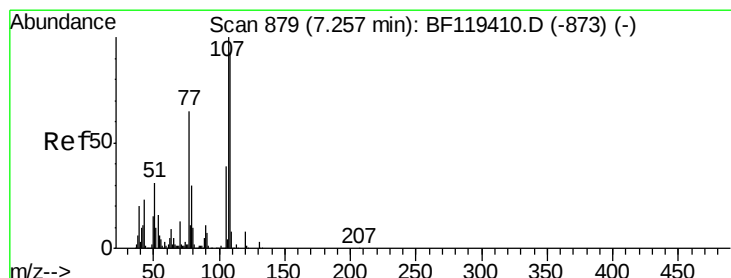
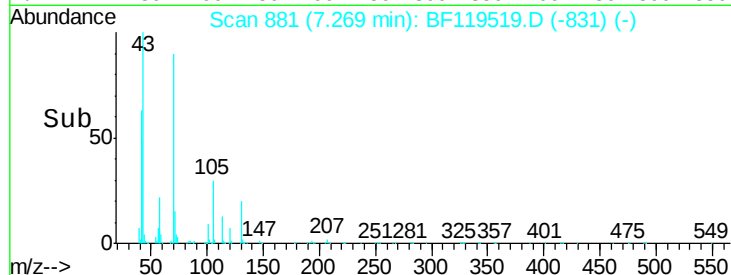
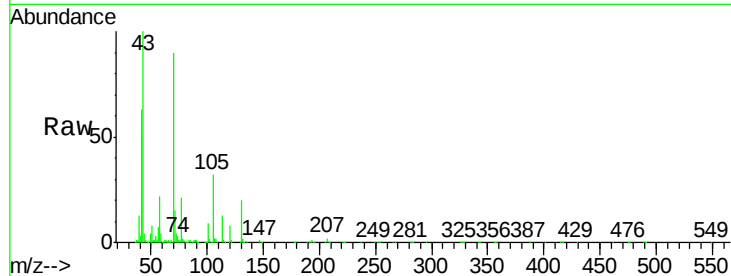
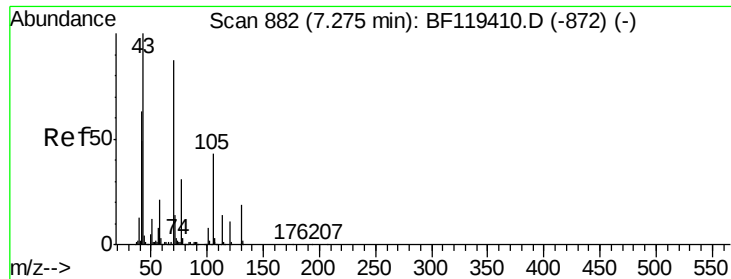
#18
Hexachloroethane
Concen: 43.621 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.8	115.2
201	97.1	72.5	108.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





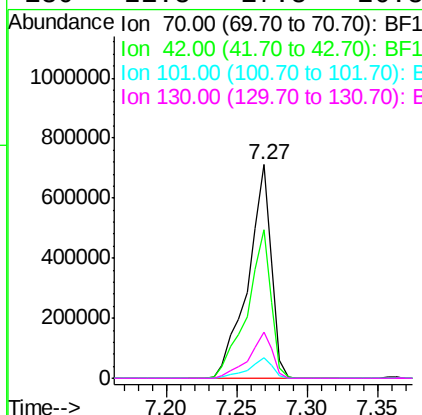
#19
n-Nitroso-di-n-propylamine
Concen: 41.242 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.8	58.2	87.4
101	9.8	7.4	11.2
130	21.8	17.8	26.8

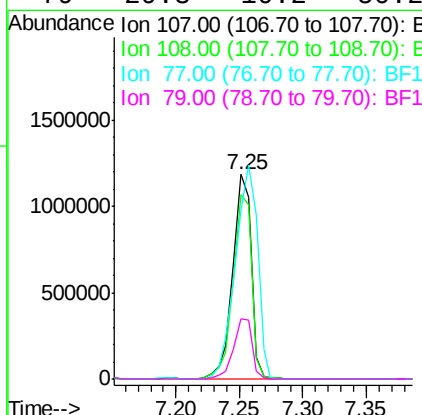
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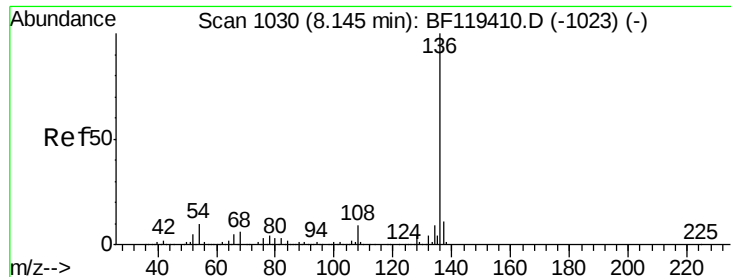
mohammad
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#20
3+4-Methylphenols
Concen: 38.579 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	72.6	112.6
77	82.9	44.7	84.7
79	29.3	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

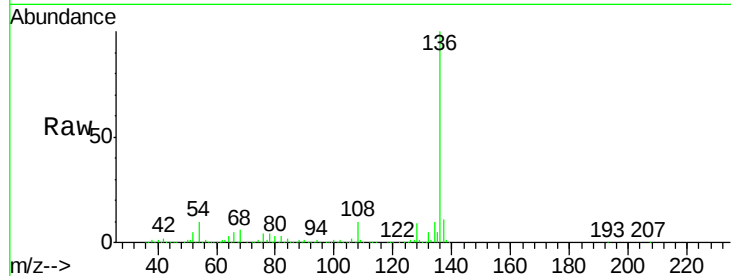
ClientSampleId :

SSTDCCC040

Tot Ion	136	Resp	1507581
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	10.1	8.3	12.5
68	5.5	4.9	7.3

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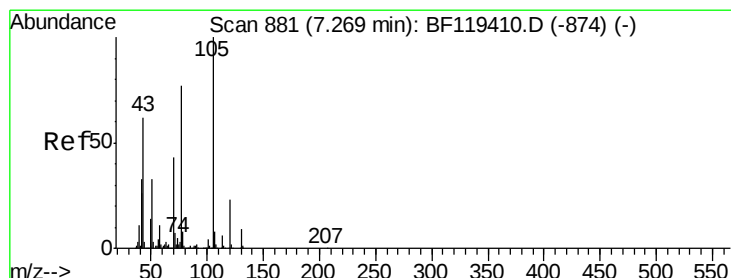
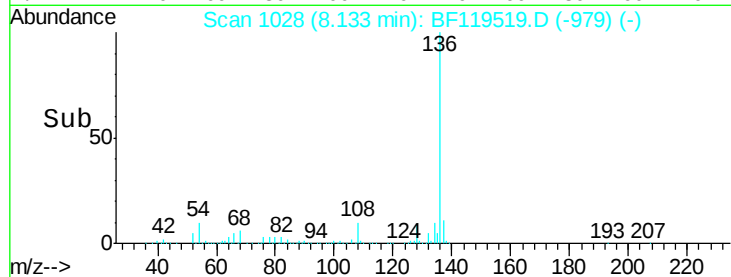
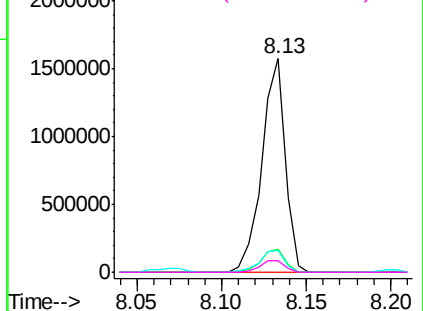
Abundance

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: 39.904 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Tgt Ion	105	Resp	1437477
Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.8	8.6
51	31.9	26.8	40.2
120	23.3	18.0	27.0

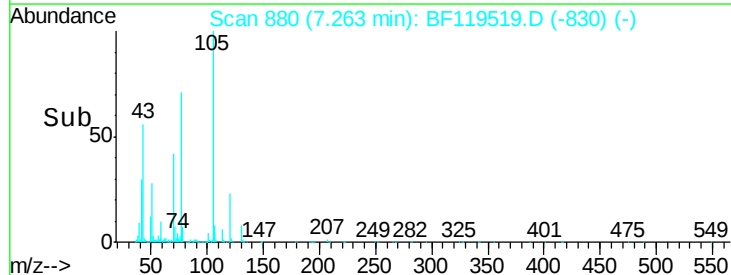
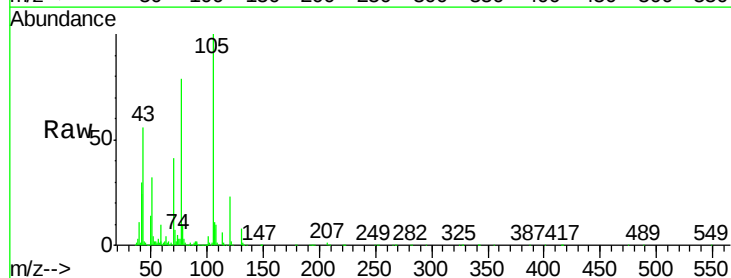
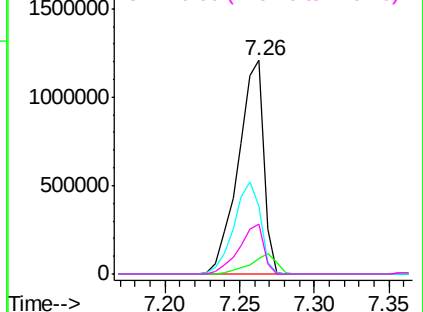
Abundance

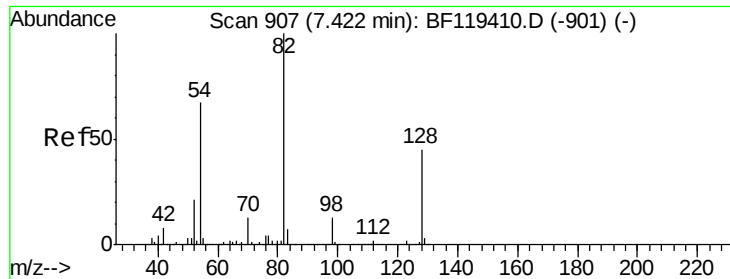
Ion 105.00 (104.70 to 105.70): E

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





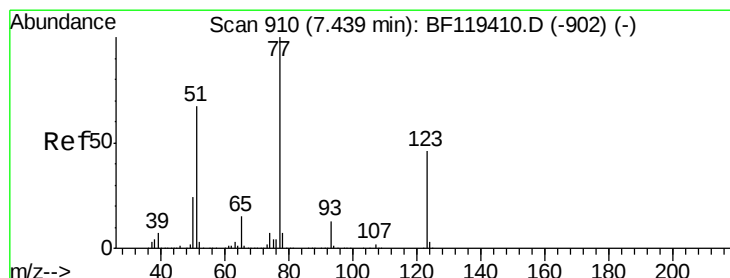
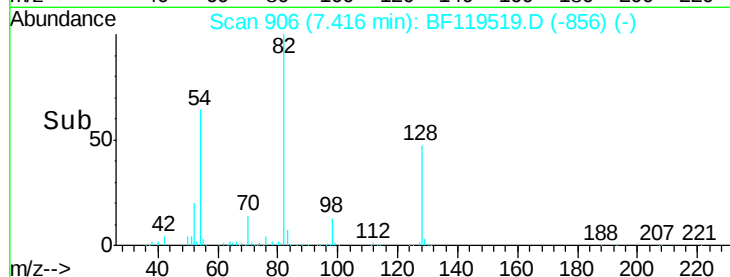
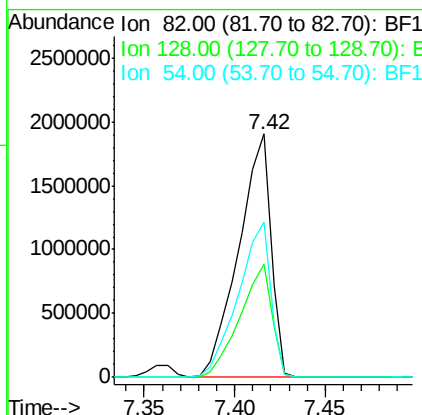
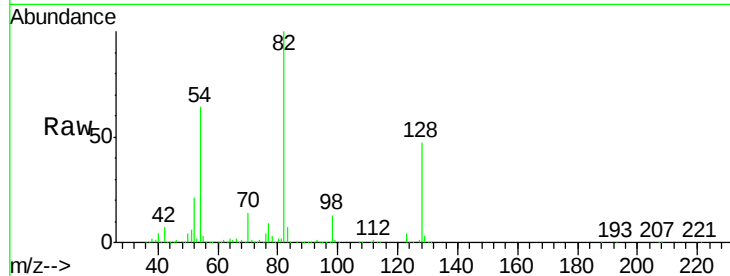
#23
 Nitrobenzene-d5
 Concen: 85.244 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.8	53.8
54	63.8	53.4	80.0

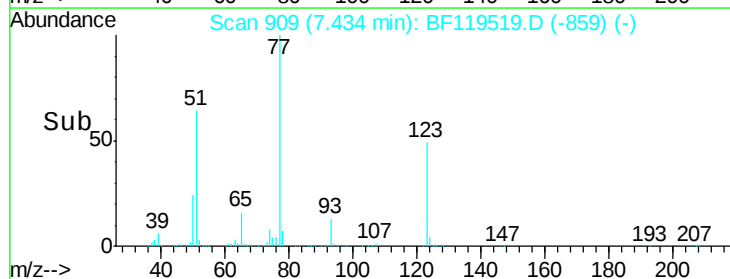
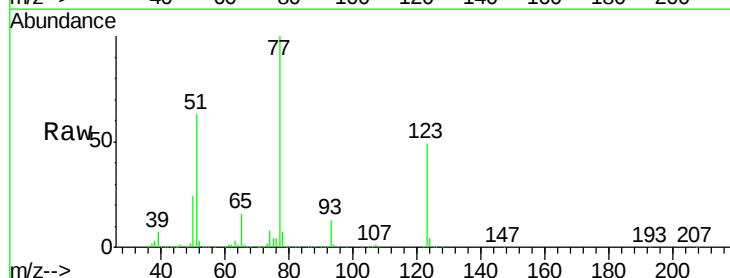
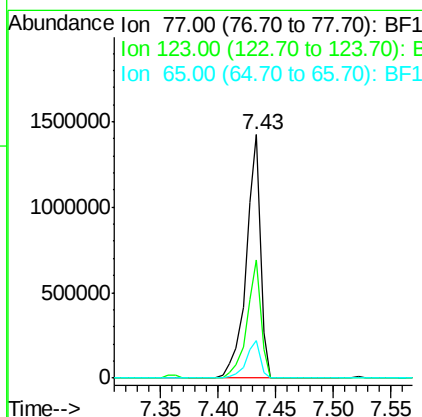
Manual Integrations
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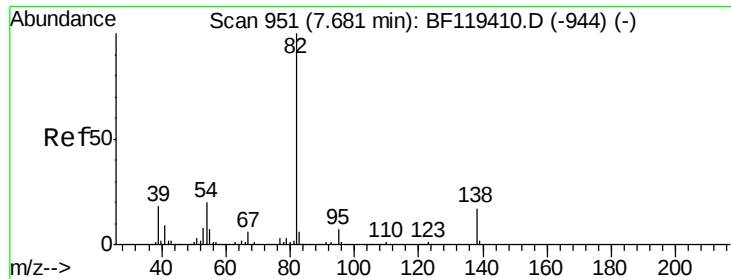
mohammad
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#24
 Nitrobenzene
 Concen: 40.783 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	36.9	55.3
65	15.6	12.2	18.4





#25

Isophorone

Concen: 41.721 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 2347633

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

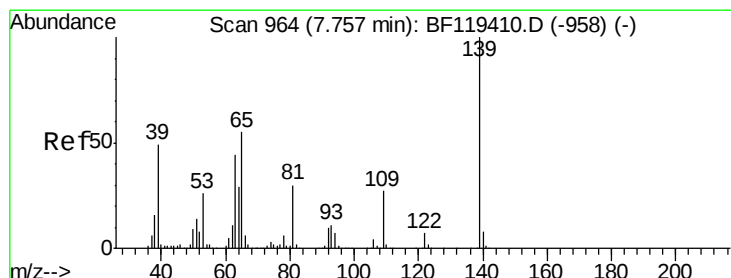
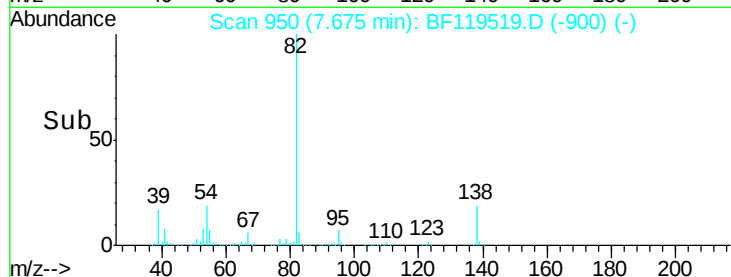
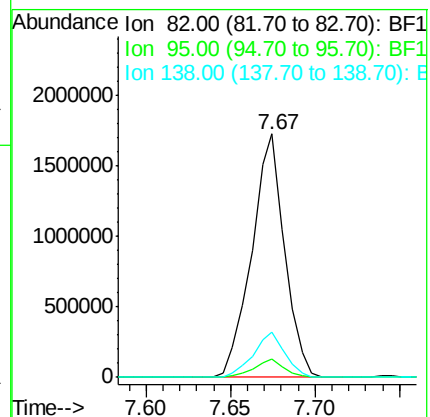
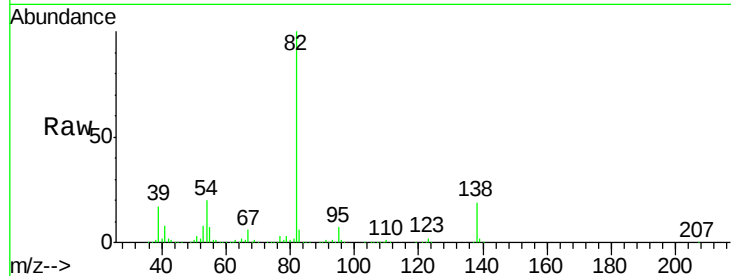
138 18.7 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 51.982 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

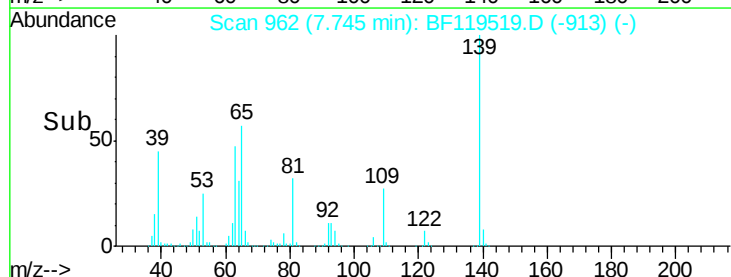
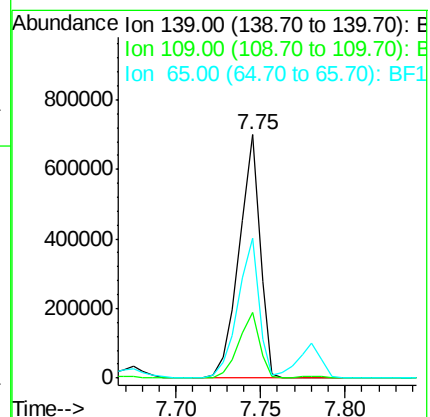
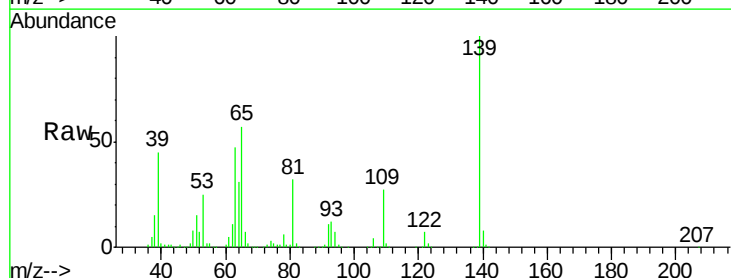
Tgt Ion: 139 Resp: 606748

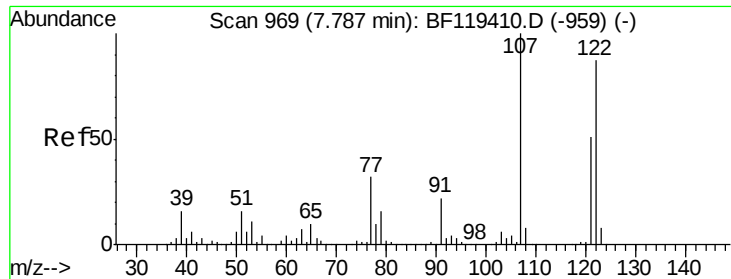
Ion Ratio Lower Upper

139 100

109 26.7 21.7 32.5

65 57.3 43.9 65.9





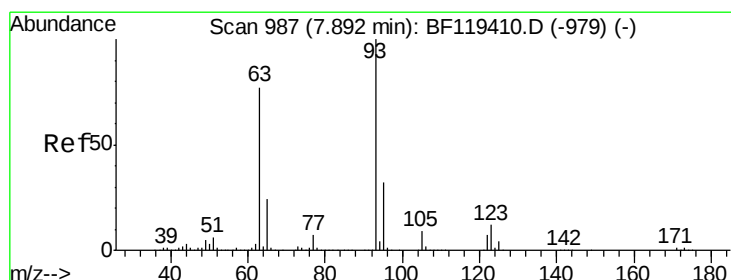
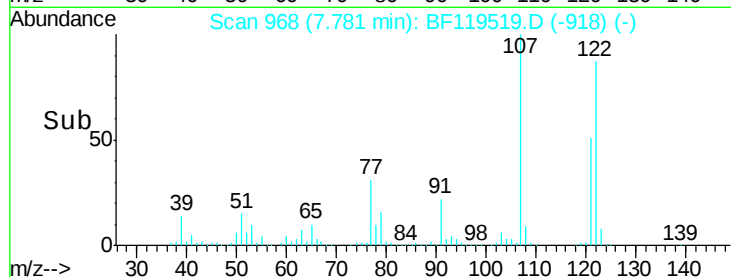
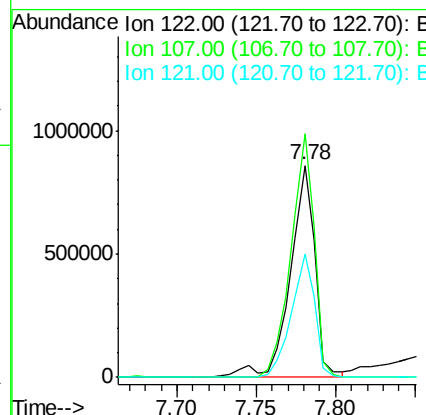
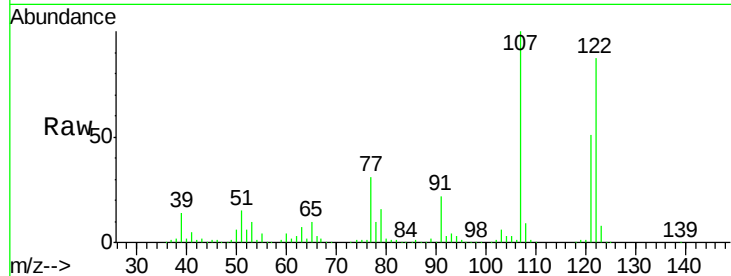
#27
2,4-Dimethylphenol
Concen: 38.417 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.8	91.8	137.6
121	58.1	46.5	69.7

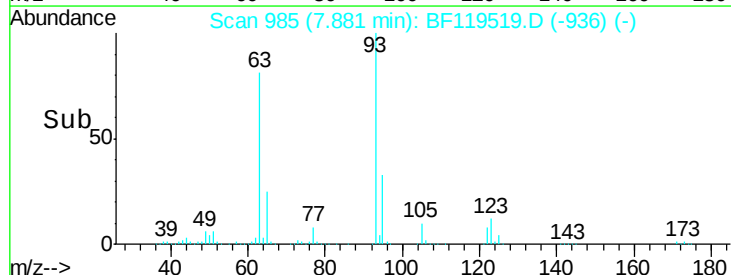
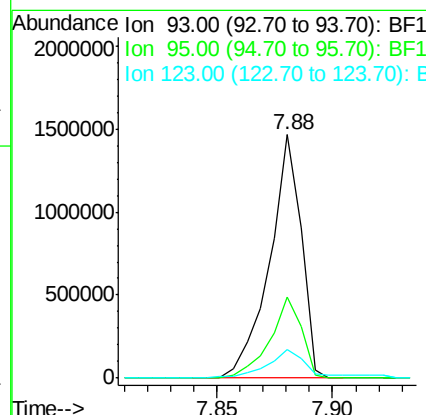
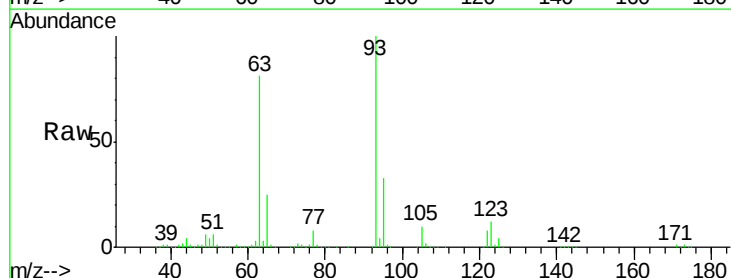
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 42.144 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.0	39.0
123	11.9	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 43.003 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

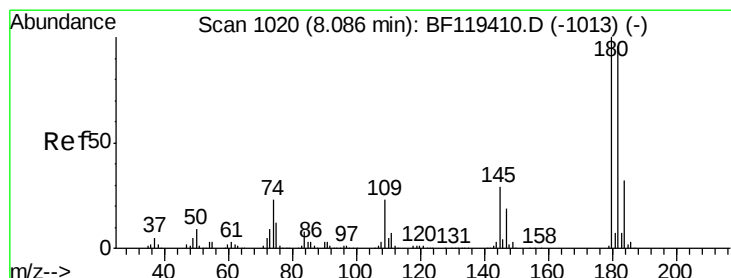
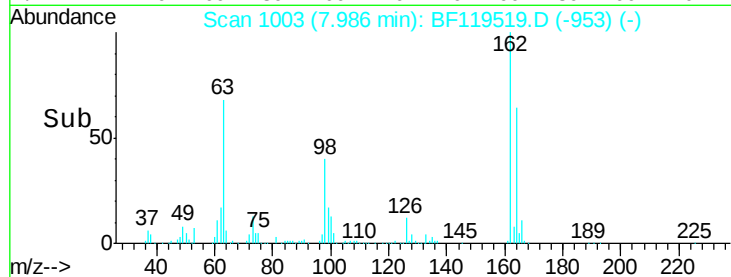
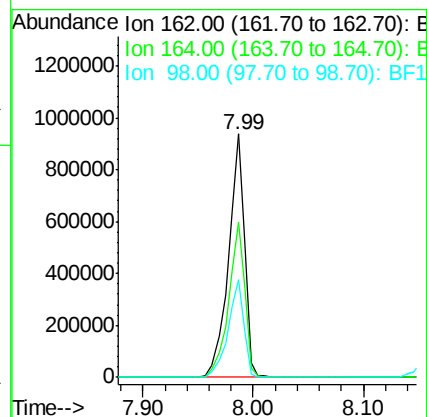
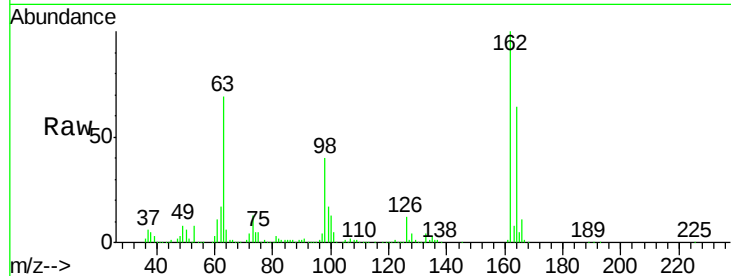
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	953649
Ion Ratio	Lower	Upper	
162	100		
164	64.0	43.6	83.6
98	40.3	20.4	60.4

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#30

1,2,4-Trichlorobenzene

Concen: 43.000 ng

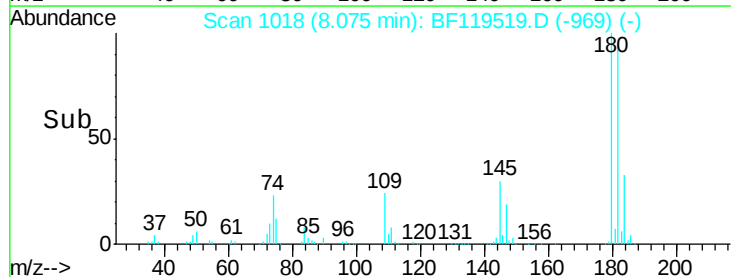
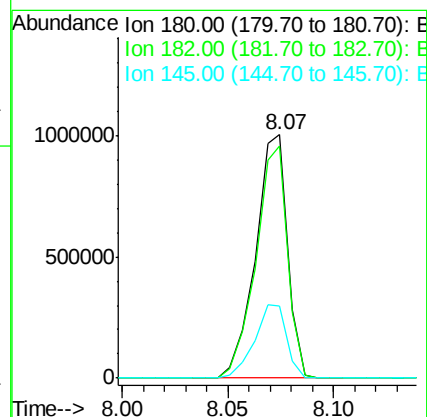
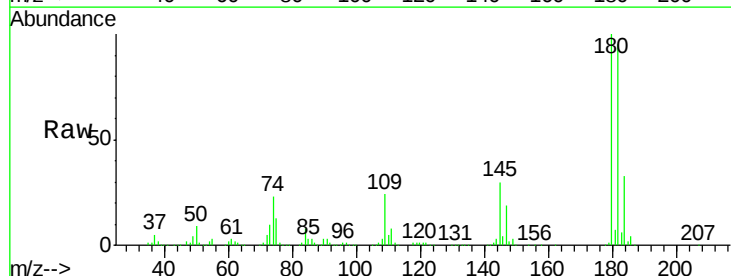
RT: 8.07 min Scan# 1018

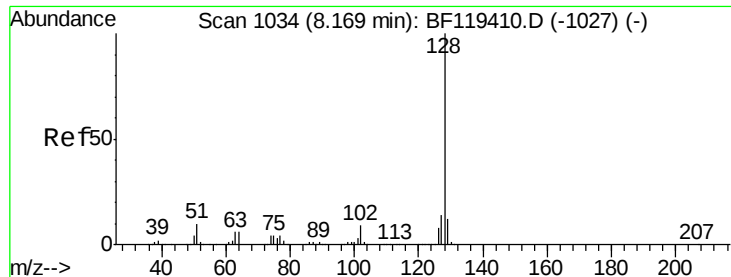
Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Tgt Ion:	180	Resp:	1054594
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.6	115.0
145	29.7	23.2	34.8





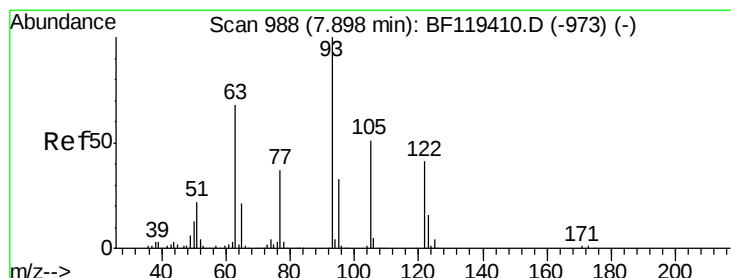
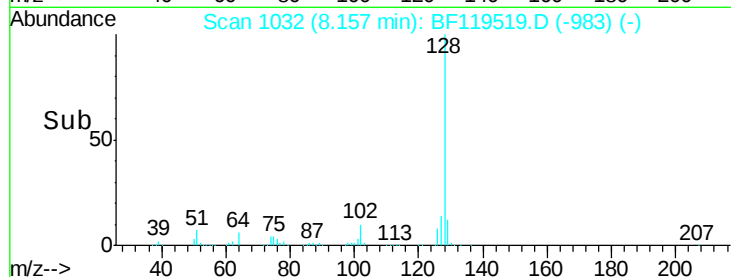
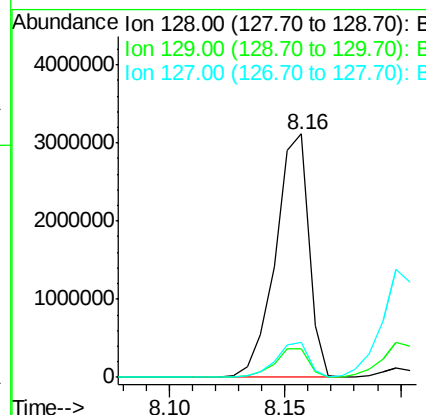
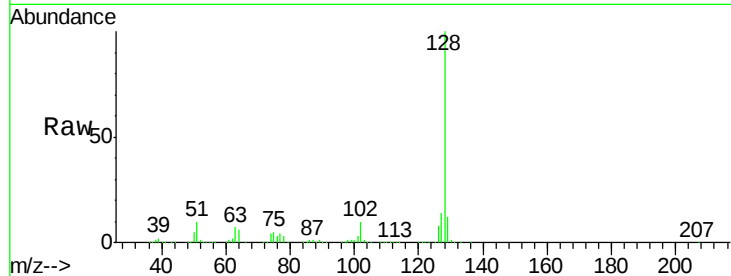
#31
Naphthalene
Concen: 40.099 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	14.2	11.0	16.4

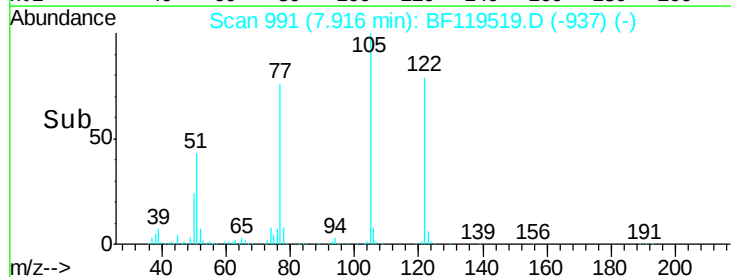
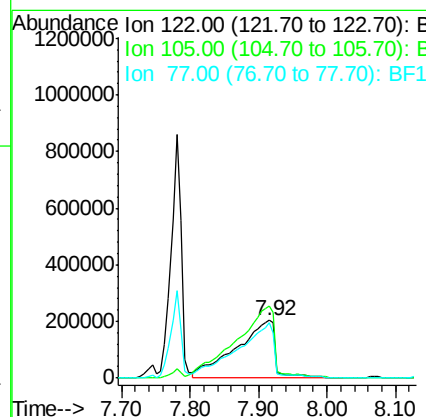
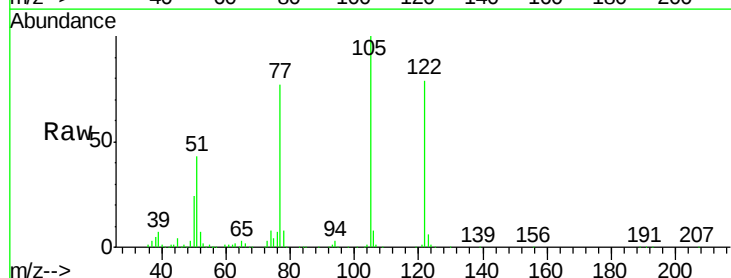
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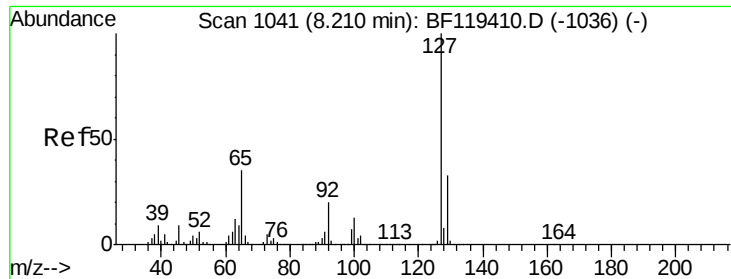
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#32
Benzoic acid
Concen: 53.005 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.02 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.9	102.9	142.9
77	96.3	70.1	110.1





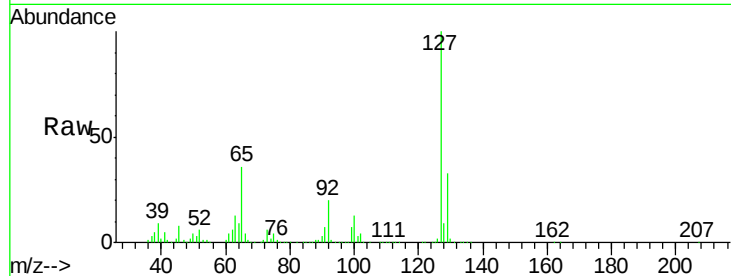
#33
4-Chloroaniline
Concen: 39.584 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

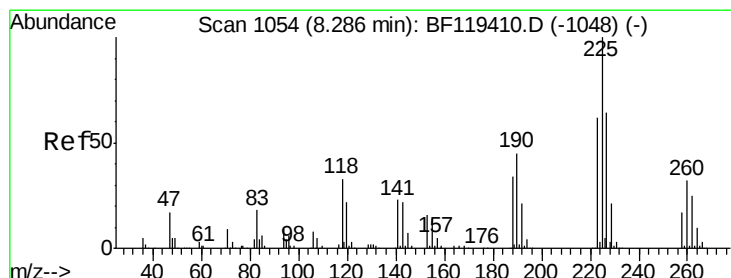
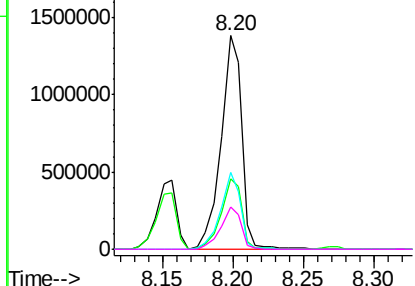
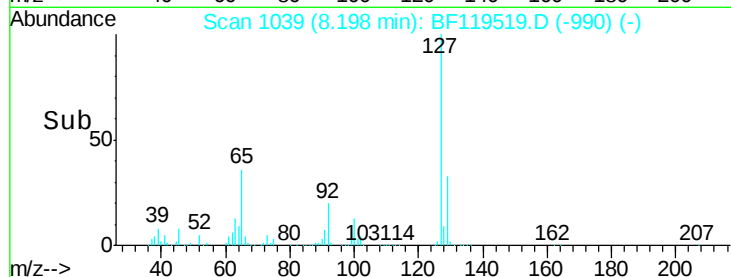
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	32.9	26.2	39.4	
65	36.1	27.7	41.5	
92	20.1	15.8	23.6	

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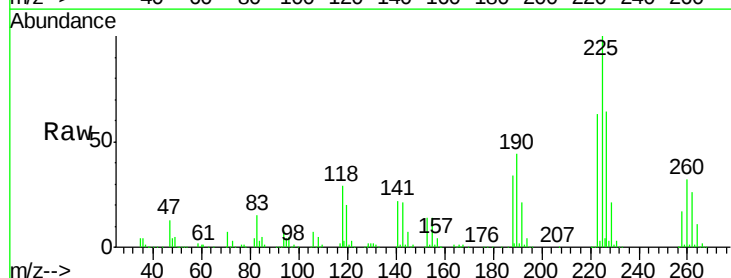


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

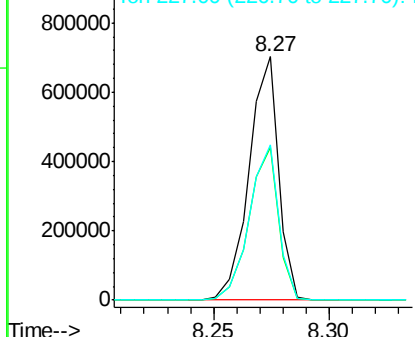
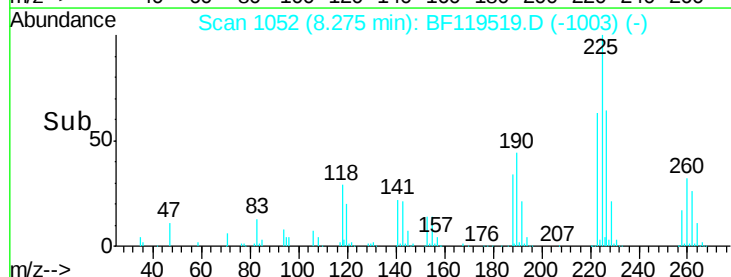


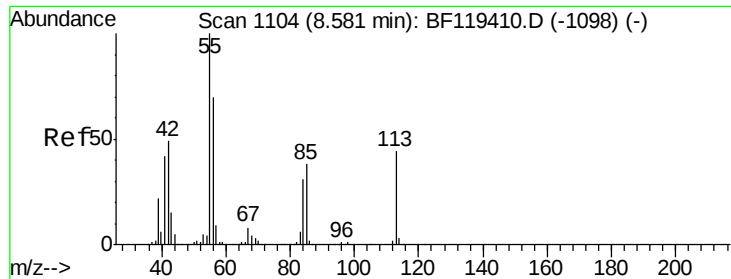
#34
Hexachlorobutadiene
Concen: 45.681 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	63.0	49.2	73.8	
227	63.8	51.1	76.7	



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





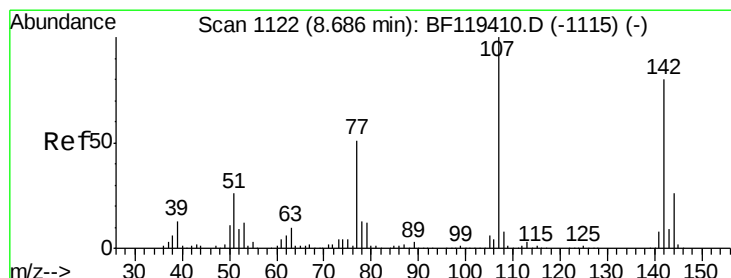
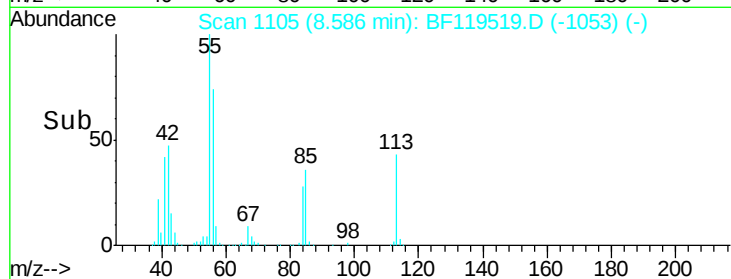
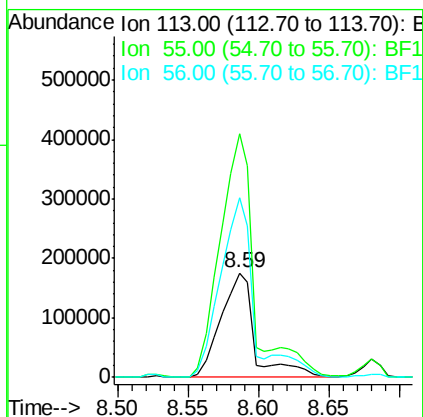
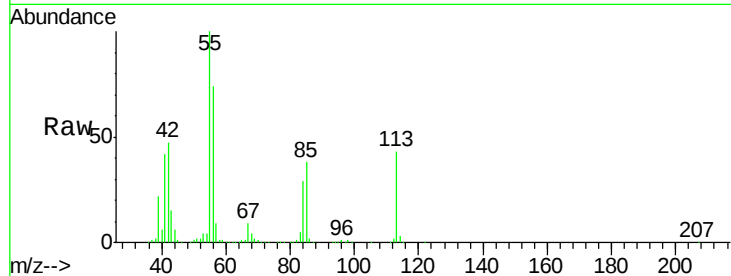
#35
Caprolactam
Concen: 40.395 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	233.1	208.4	248.4
56	171.9	138.9	178.9

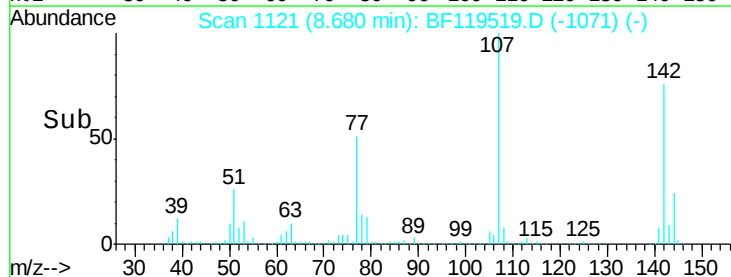
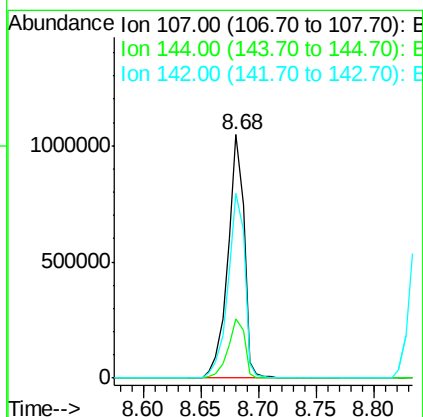
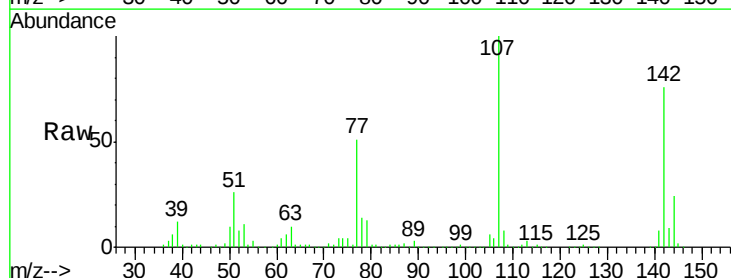
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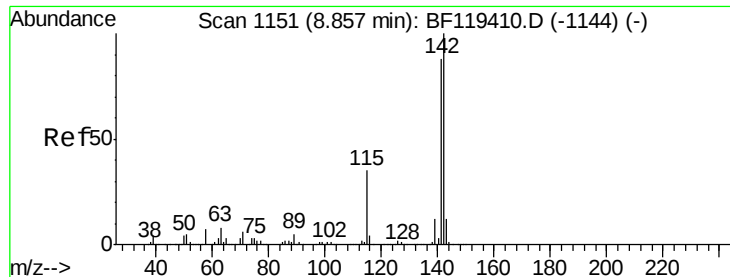
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#36
4-Chloro-3-methylphenol
Concen: 41.949 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	20.6	31.0
142	75.8	63.8	95.6





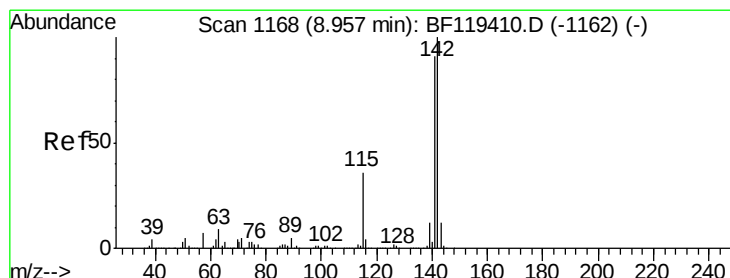
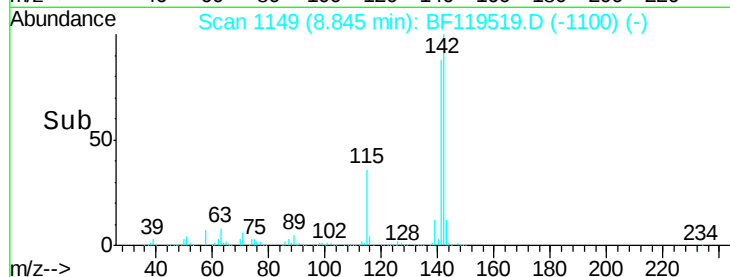
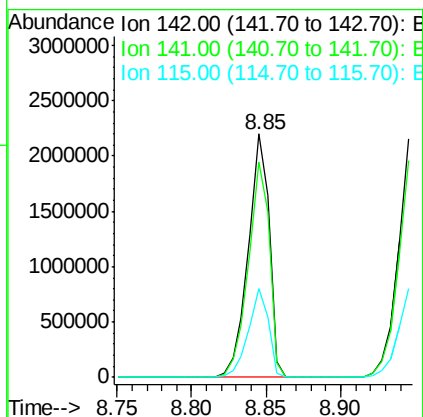
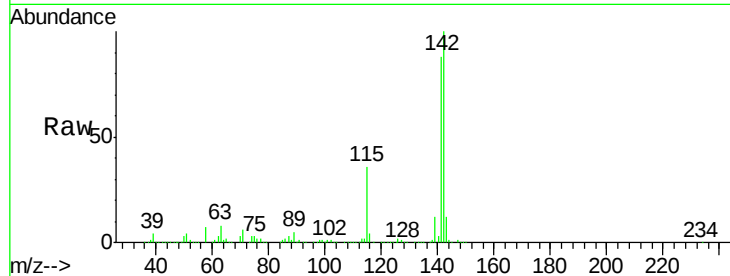
#37
2-Methylnaphthalene
Concen: 41.923 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	36.3	27.8	41.6

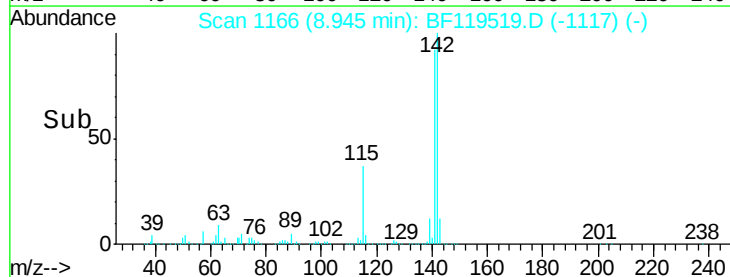
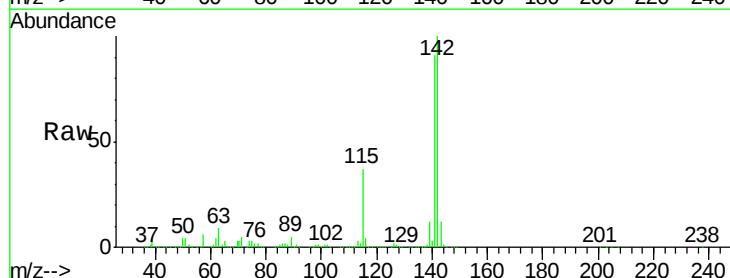
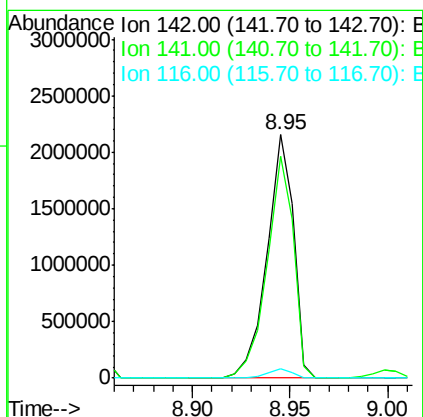
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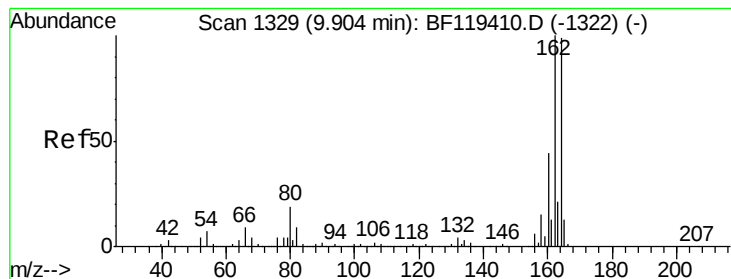
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#38
1-Methylnaphthalene
Concen: 41.882 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.1	109.7
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

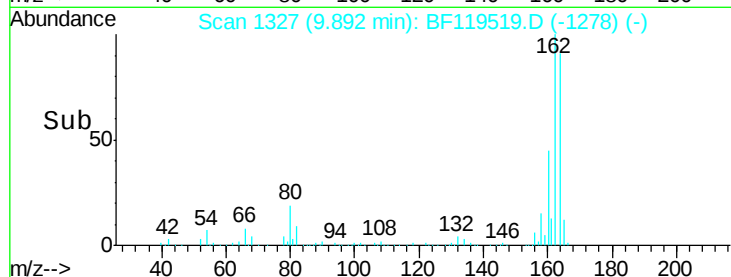
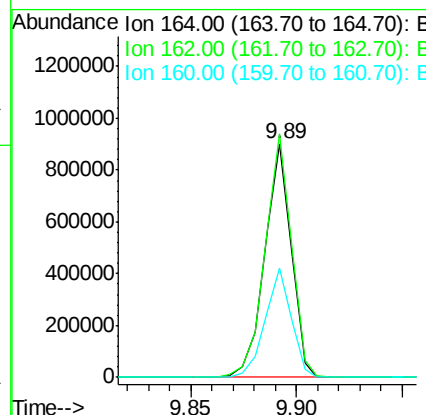
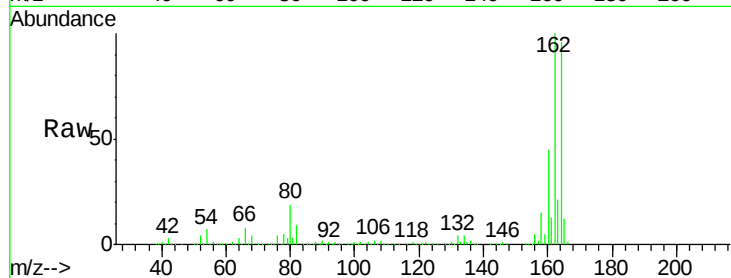
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	788823
Ion Ratio	Lower	Upper	
164	100		
162	104.2	80.7	121.1
160	46.6	35.5	53.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.894 ng

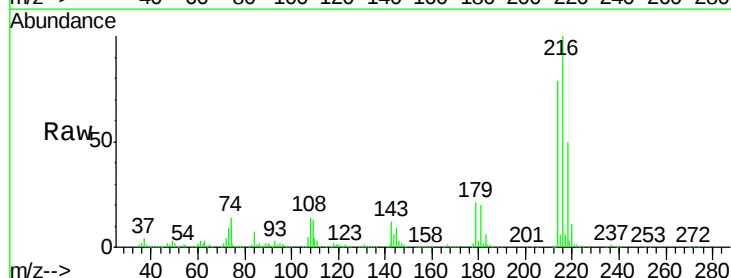
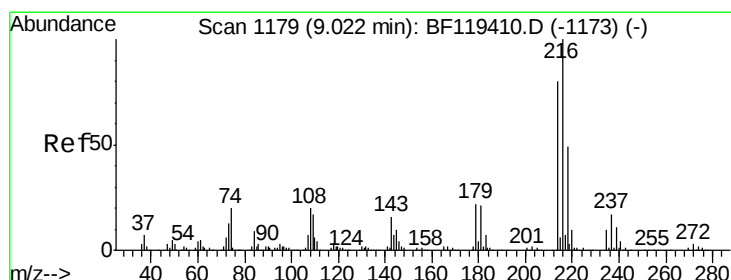
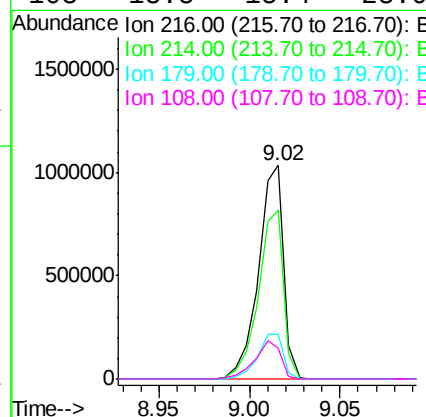
RT: 9.02 min Scan# 1178

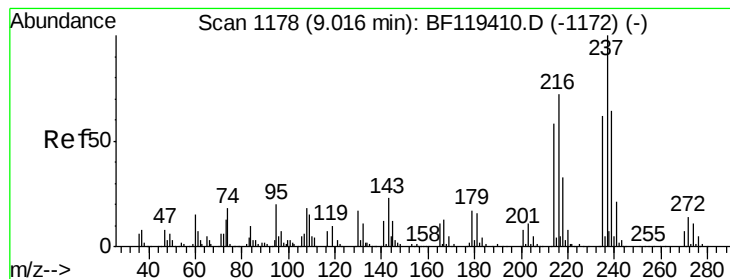
Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Tgt Ion:	216	Resp:	991744
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.0	94.6
179	21.6	17.0	25.4
108	18.5	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 39.601 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

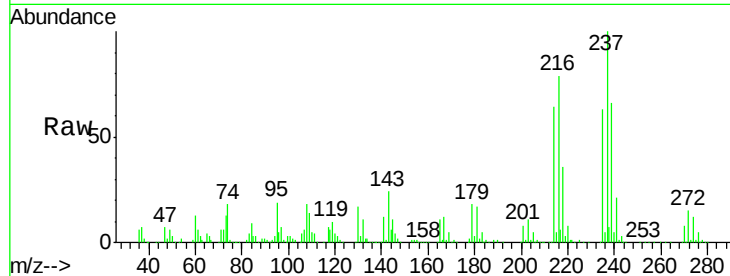
ClientSampleId :

SSTDCCC040

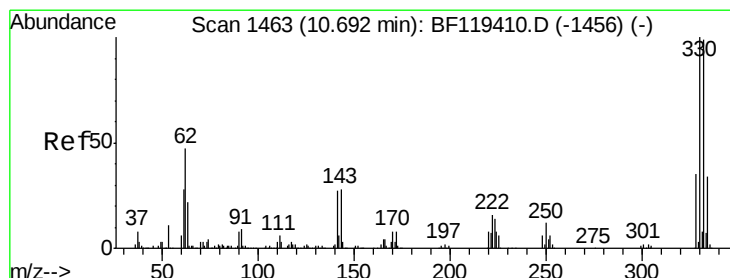
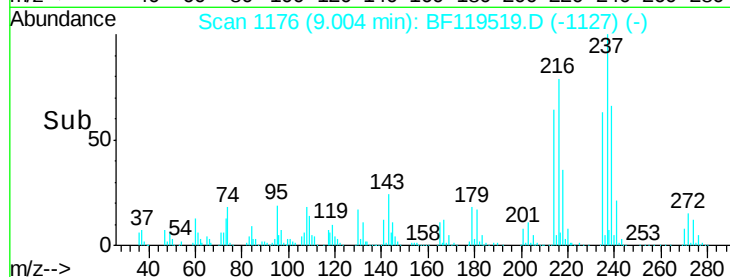
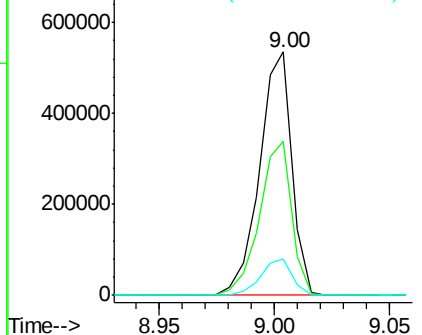
Tot Ion:	237	Resp:	520544
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.5	82.5
272	14.9	0.0	34.3

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



#42

2,4,6-Tribromophenol

Concen: 93.797 ng

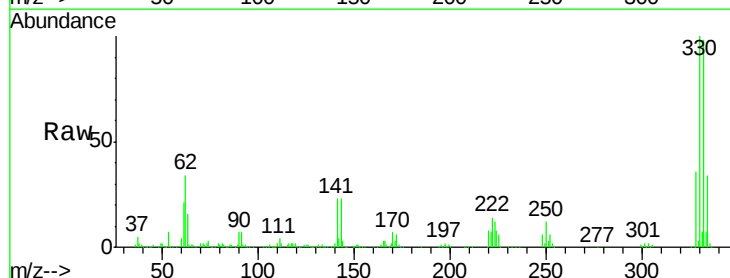
RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

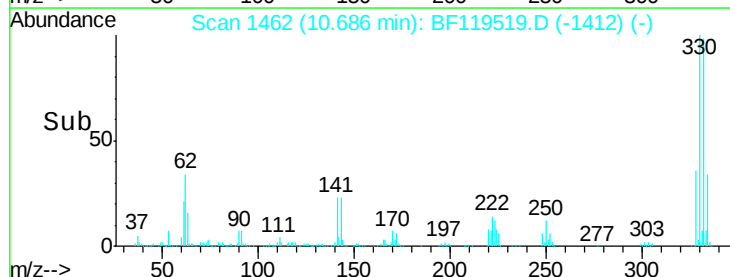
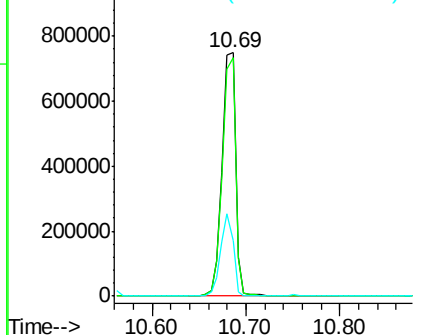
Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Tgt Ion:	330	Resp:	763317
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.6	116.4
141	31.7	26.6	40.0



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





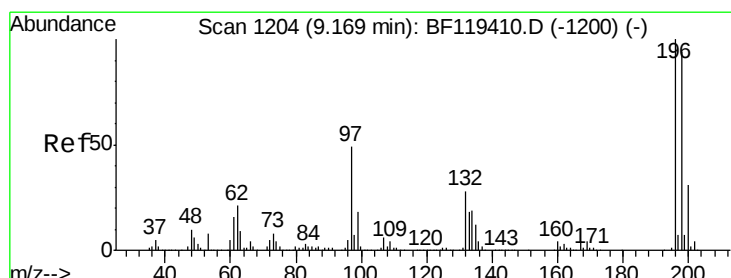
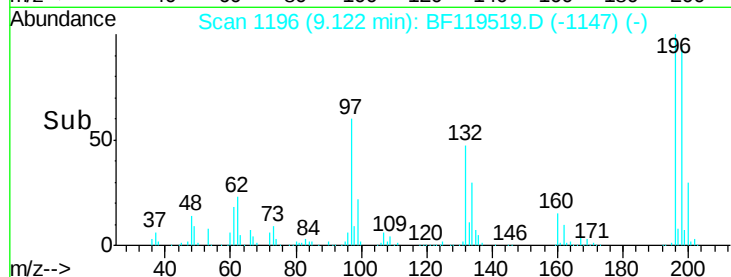
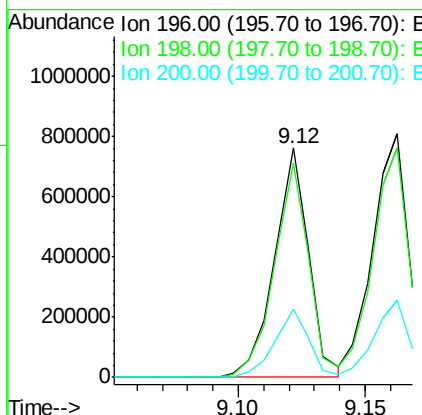
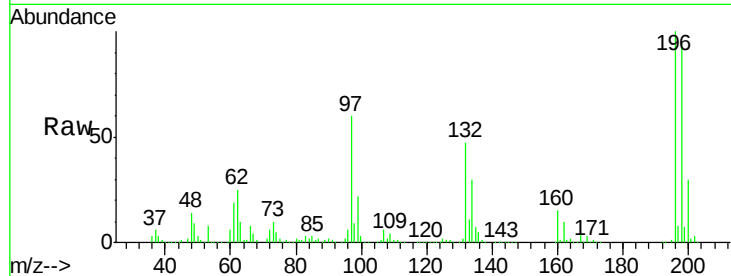
#43
 2,4,6-Trichlorophenol
 Concen: 43.486 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	719520		
198	93.5	77.0	115.4	
200	30.0	25.1	37.7	

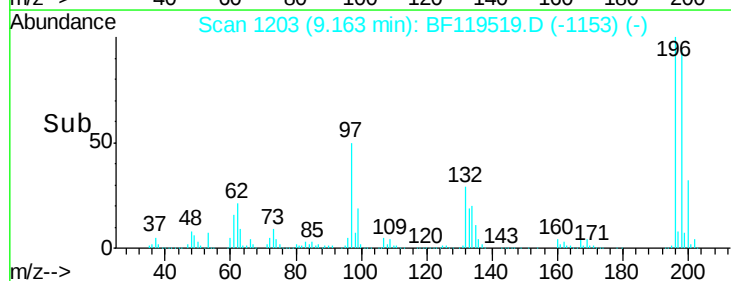
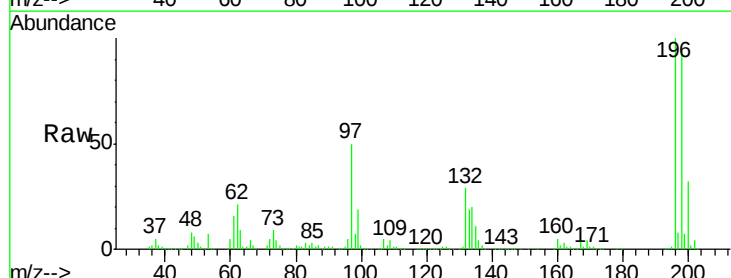
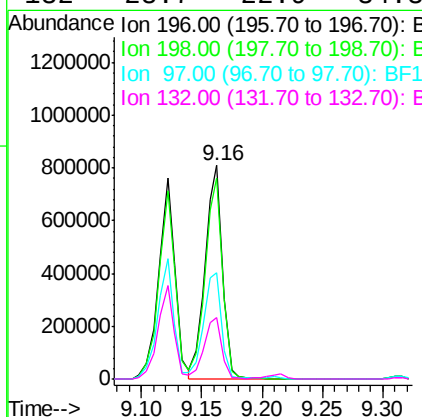
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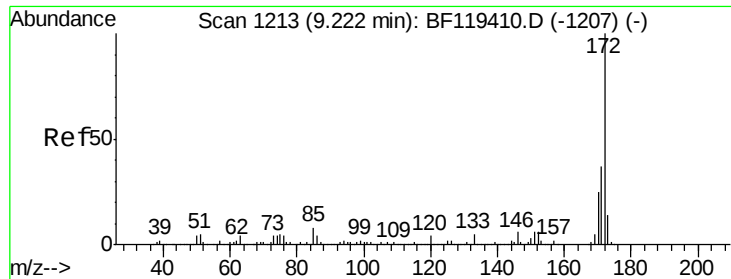
mohammad
 3/27/2020 8:12:14 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.117 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	799187		
198	94.0	75.3	112.9	
97	50.0	39.0	58.4	
132	28.7	22.9	34.3	





#45

2-Fluorobiphenyl

Concen: 77.591 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 4131394

Ion Ratio Lower Upper

172 100

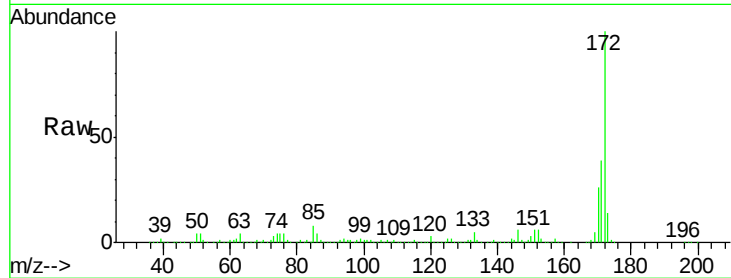
171 39.1 29.9 44.9

170 26.2 20.1 30.1

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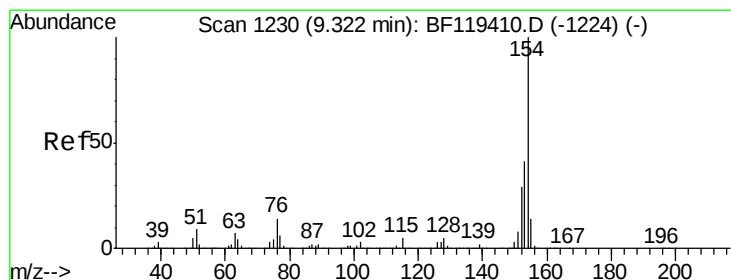
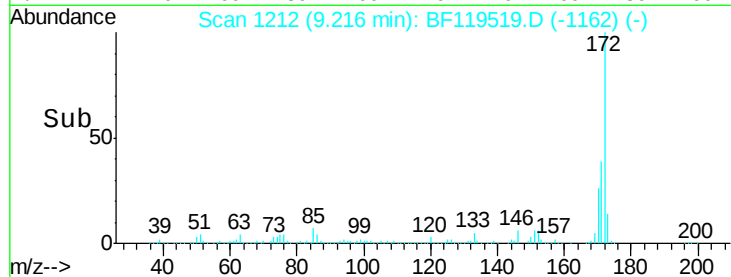
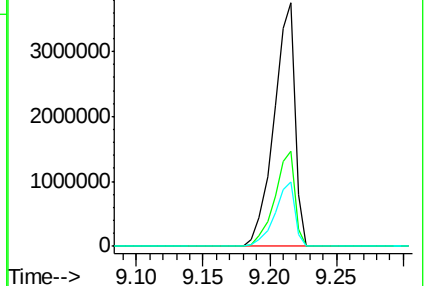
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.872 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

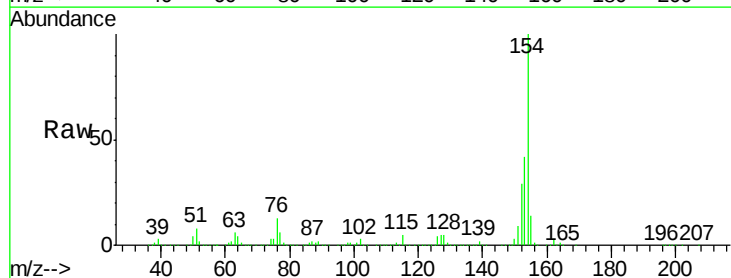
Tgt Ion:154 Resp: 2625849

Ion Ratio Lower Upper

154 100

153 41.9 21.4 61.4

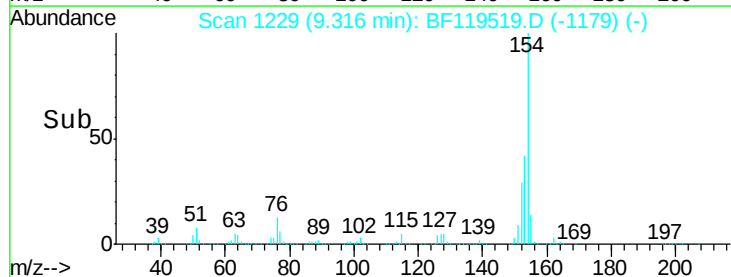
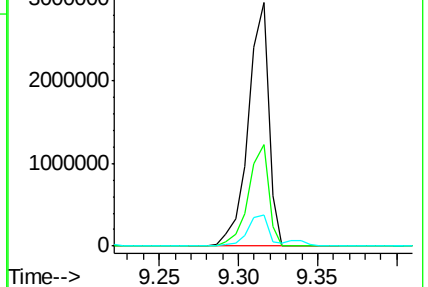
76 12.6 0.0 33.6

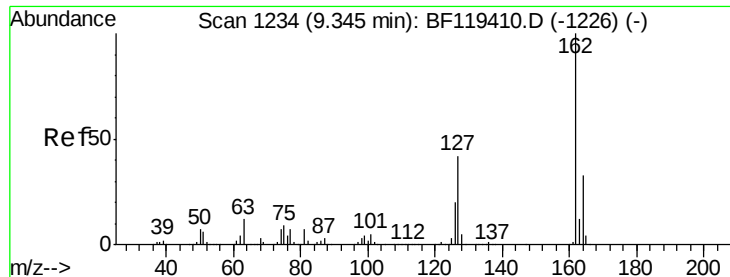


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





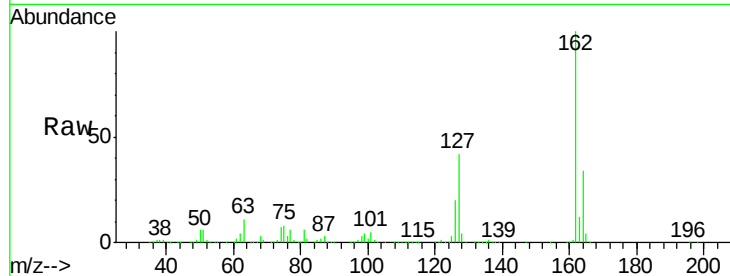
#47
 2-Chloronaphthalene
 Concen: 40.559 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

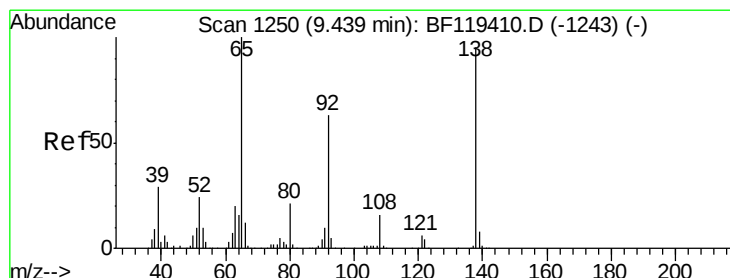
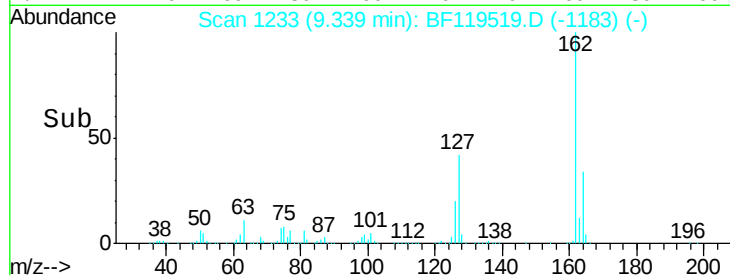
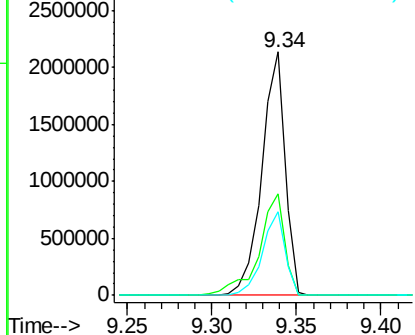
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.7	50.5
164	34.4	26.2	39.4

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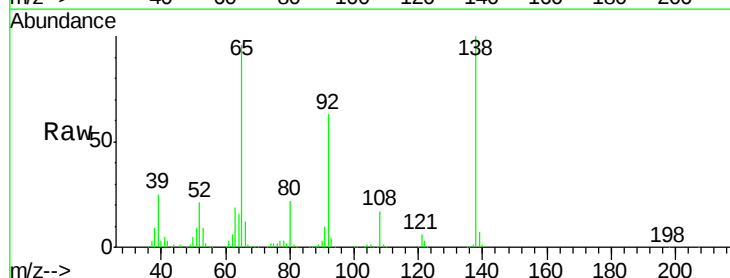


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

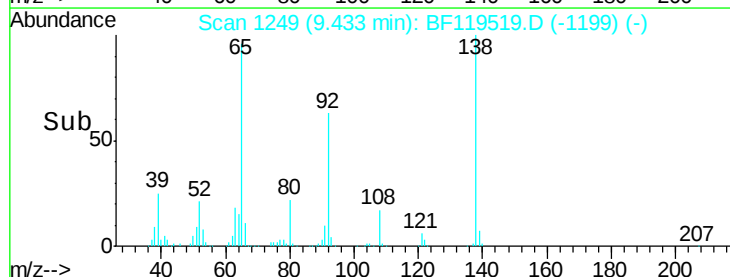
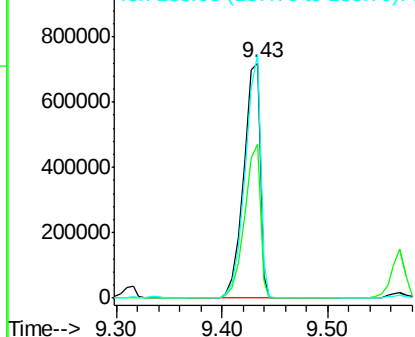


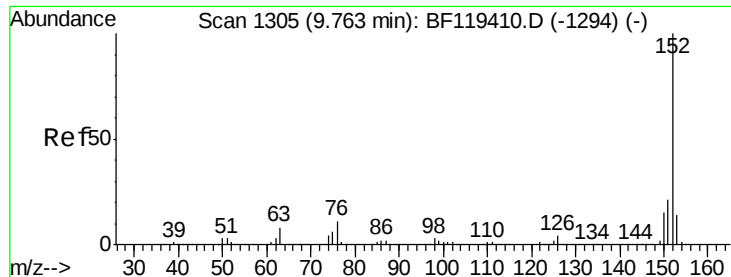
#48
 2-Nitroaniline
 Concen: 44.088 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	50.5	75.7
138	103.7	75.8	113.8



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





#49

Acenaphthylene

Concen: 39.093 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 3089430

Ion Ratio Lower Upper

152 100

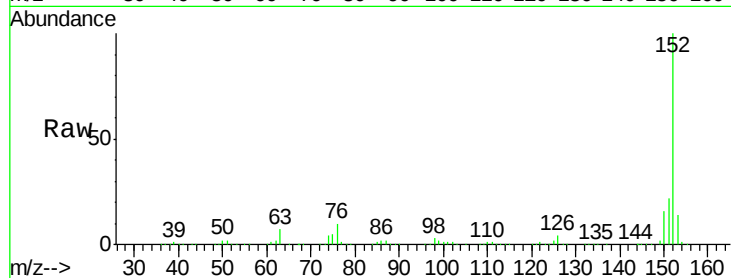
151 21.5 16.8 25.2

153 13.9 11.2 16.8

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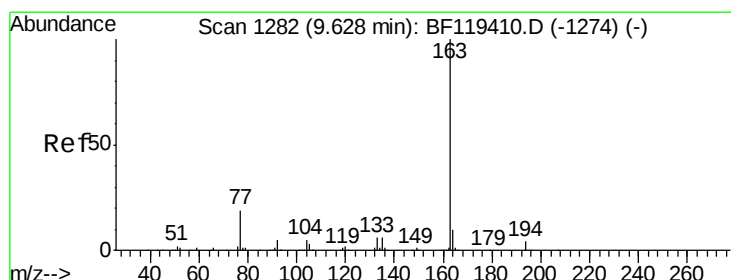
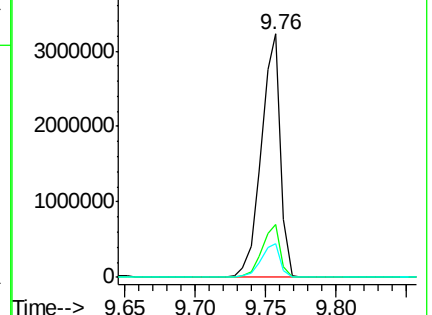
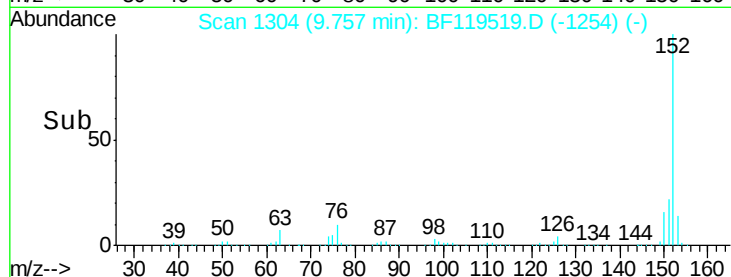
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.705 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

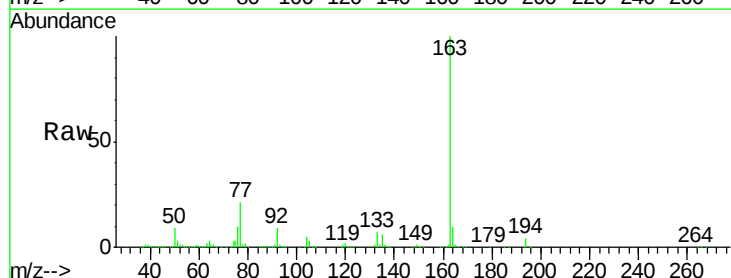
Tgt Ion:163 Resp: 2392793

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

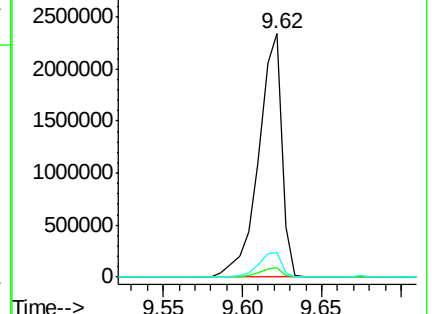
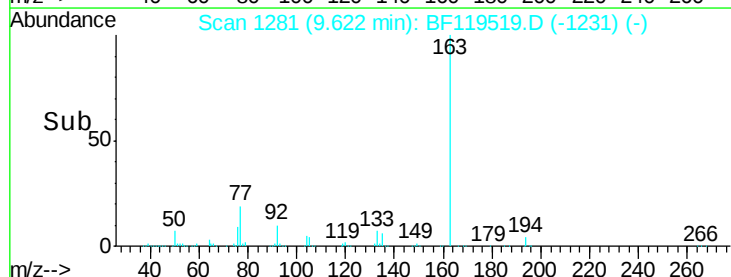
164 10.3 8.1 12.1

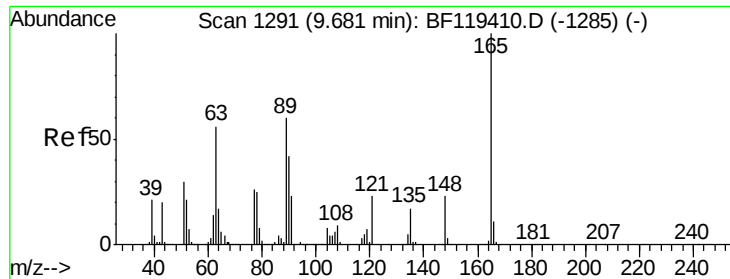


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





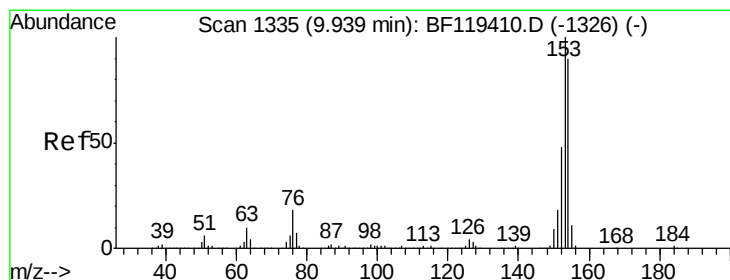
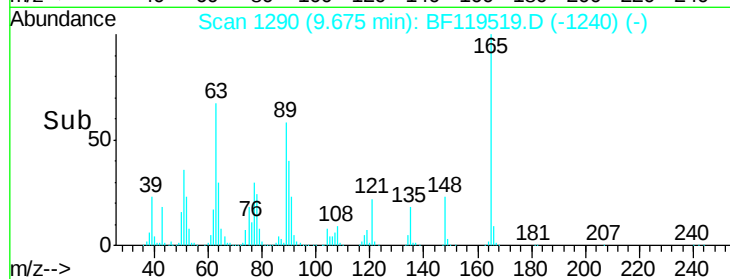
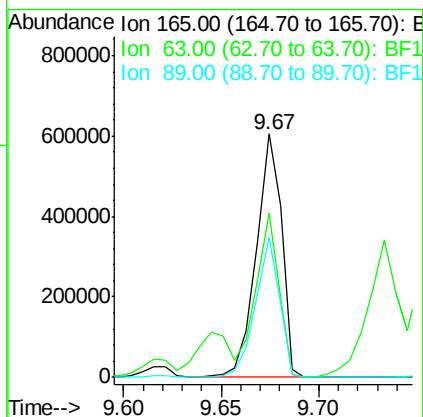
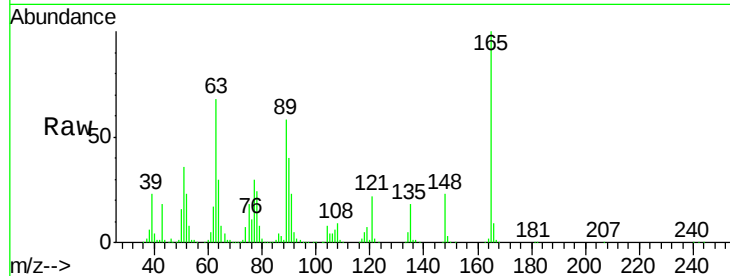
#51
2,6-Dinitrotoluene
Concen: 45.474 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	546132		
63	67.7	57.3	85.9	
89	57.6	47.8	71.8	

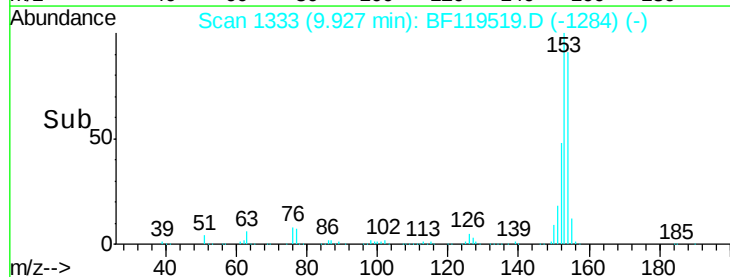
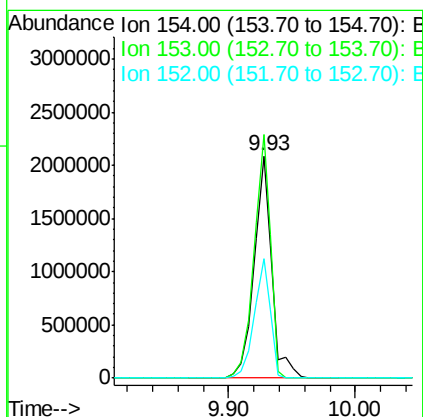
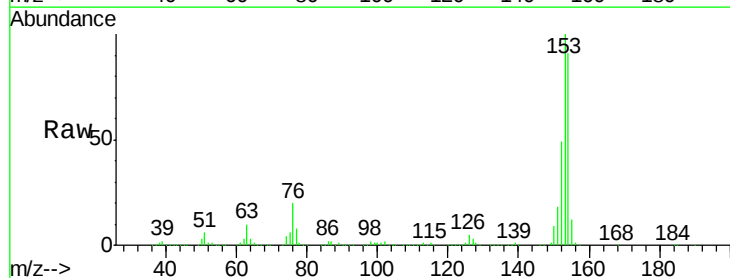
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#52
Acenaphthene
Concen: 41.419 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2040605		
153	109.5	89.0	133.6	
152	53.5	43.1	64.7	





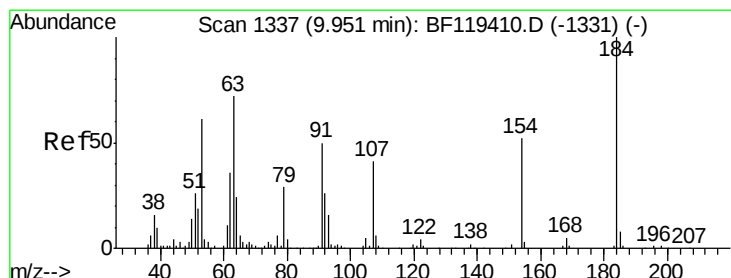
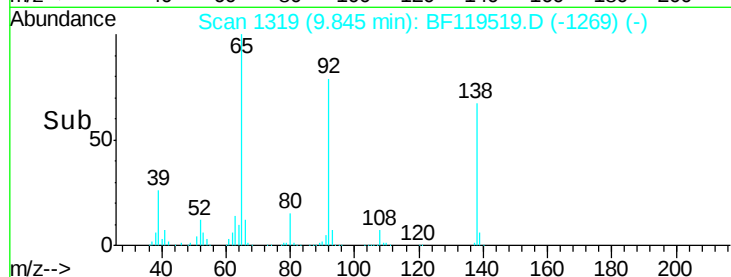
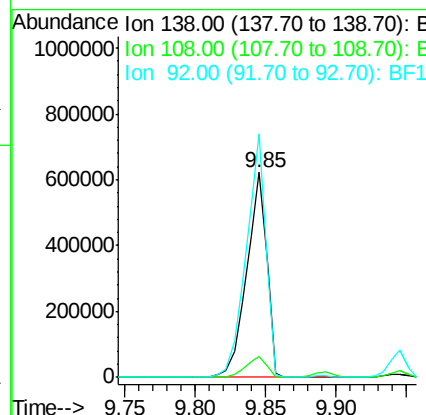
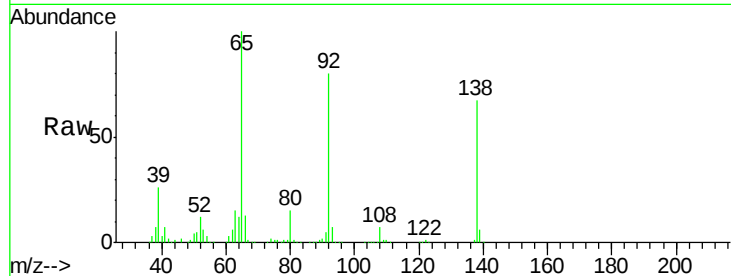
#53
3-Nitroaniline
Concen: 40.474 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.0	13.6
92	118.7	93.2	139.8

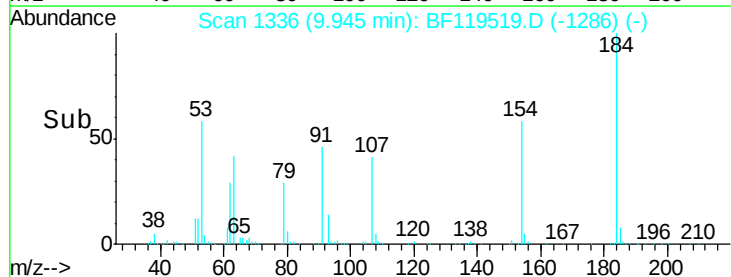
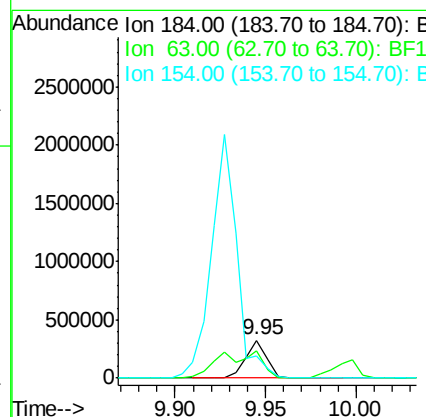
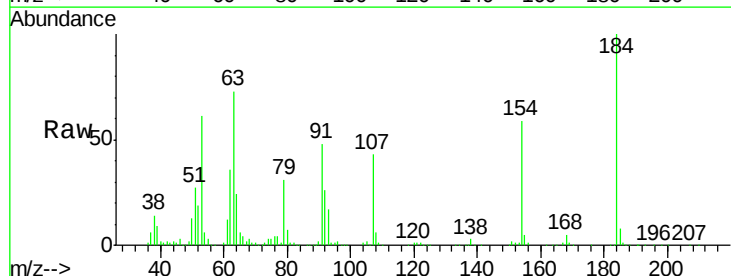
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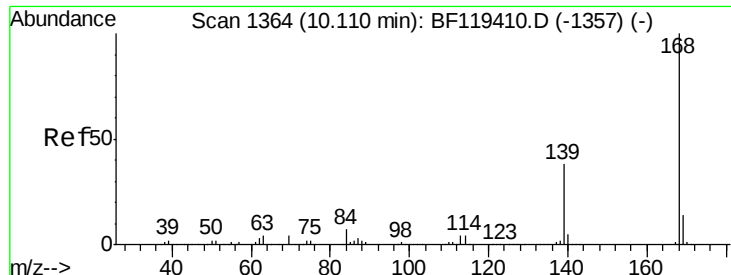
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#54
2,4-Dinitrophenol
Concen: 53.702 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.8	58.5	87.7
154	58.6	51.8	77.6





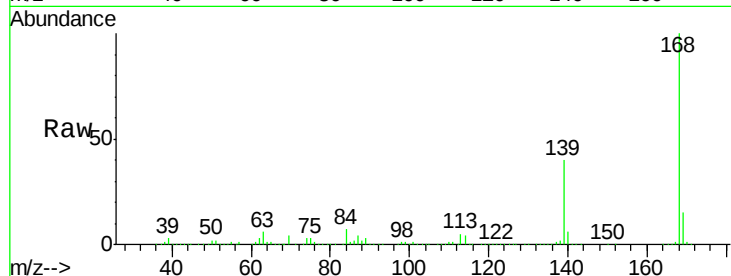
#55
Dibenzofuran
Concen: 39.793 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

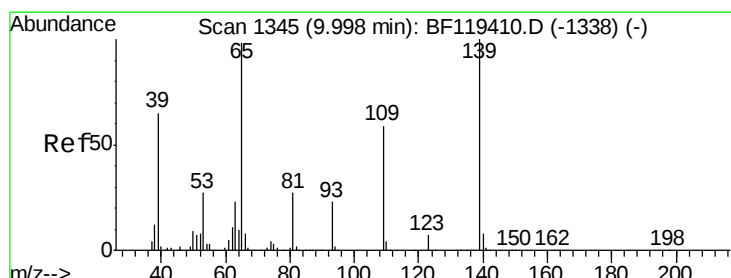
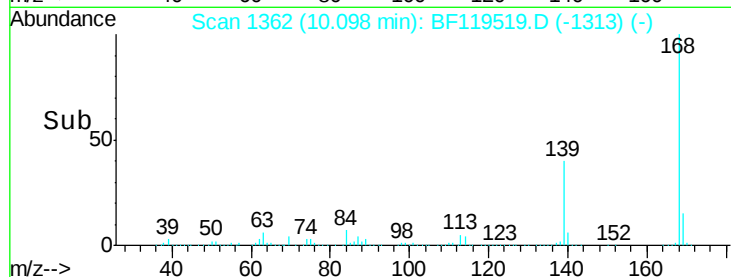
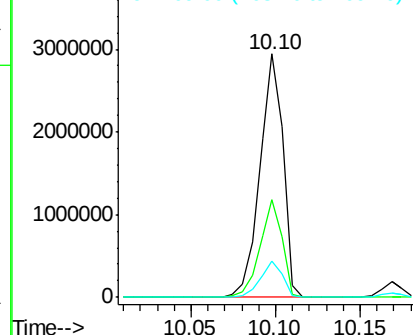
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.2	45.4
169	14.8	11.1	16.7

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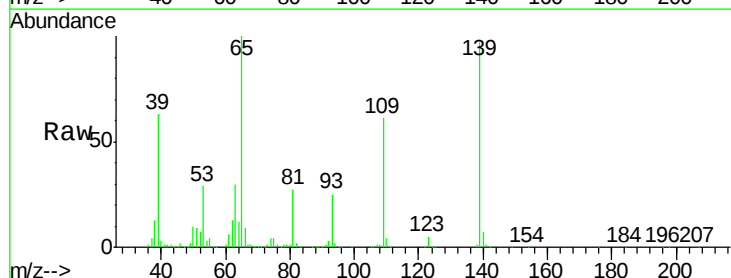


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

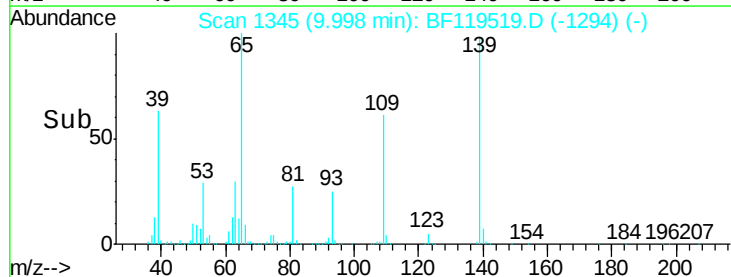
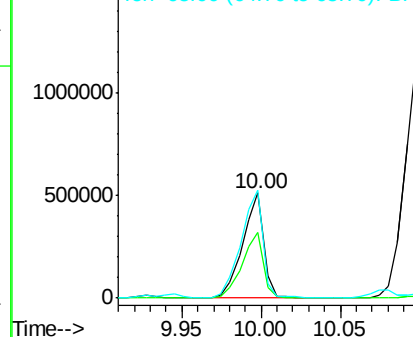


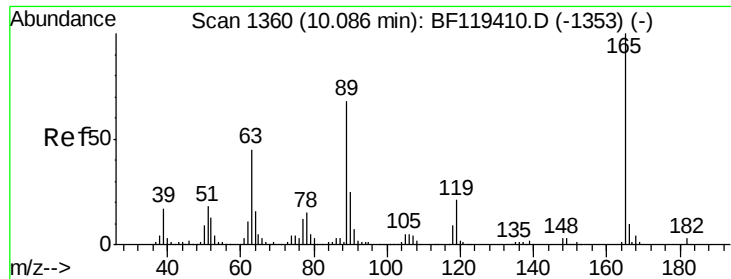
#56
4-Nitrophenol
Concen: 39.635 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.9	39.6	79.6
65	102.7	78.3	118.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





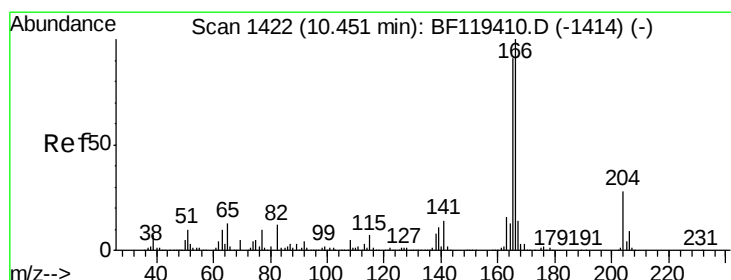
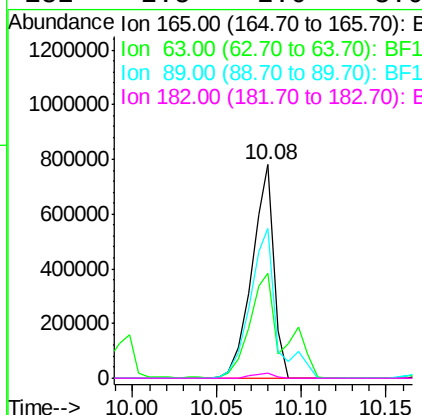
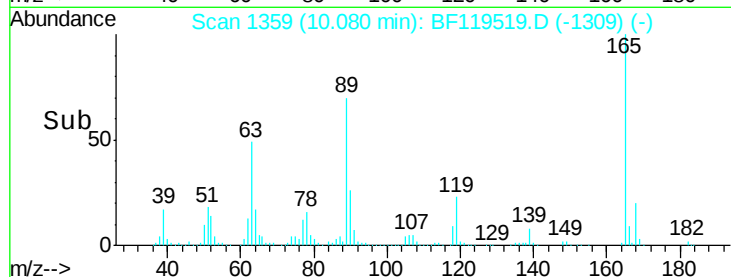
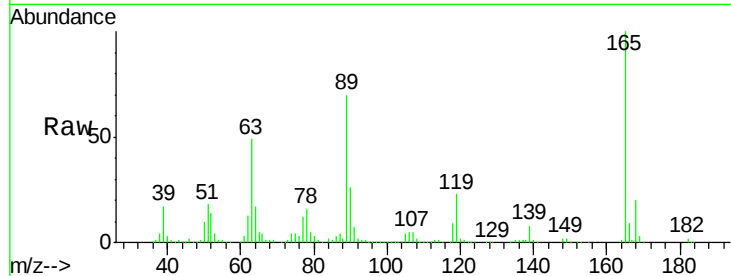
#57
2,4-Dinitrotoluene
Concen: 46.851 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		708820		
63	49.1	36.2	54.4		
89	70.3	54.3	81.5		
182	2.5	2.0	3.0		

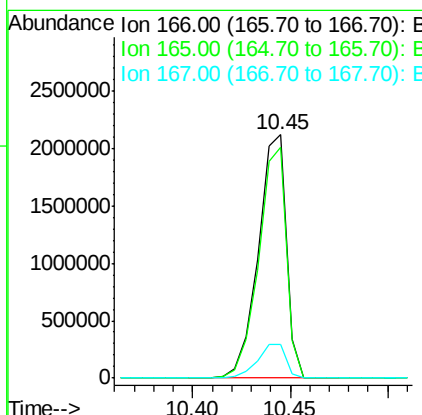
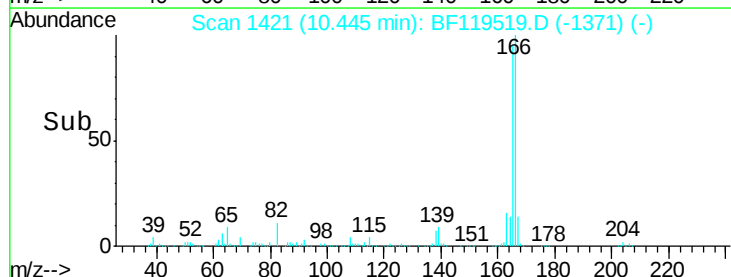
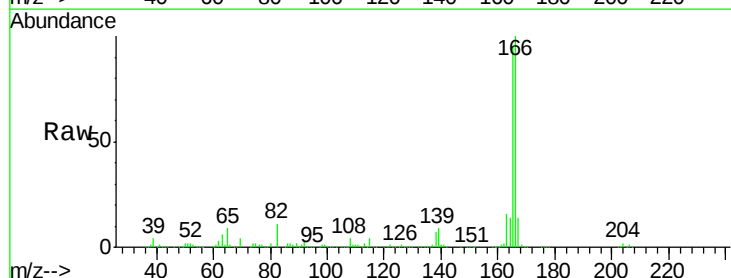
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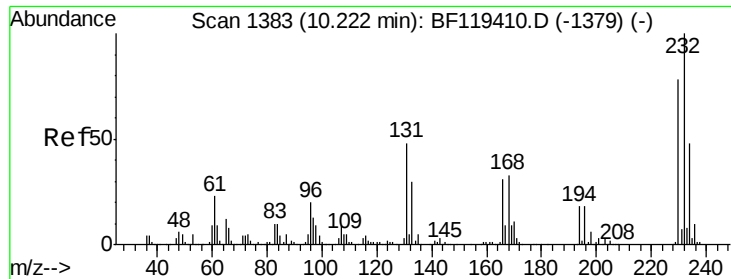
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#58
Fluorene
Concen: 40.446 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2112671		
165	94.9	73.1	109.7		
167	14.0	11.0	16.6		





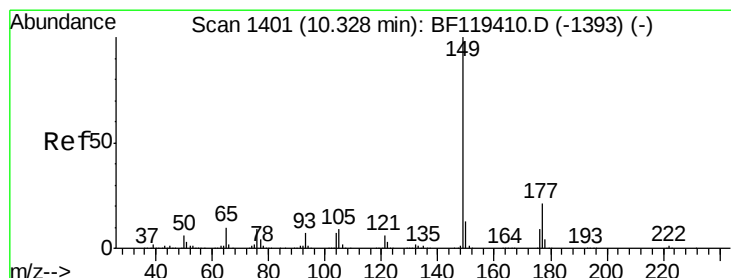
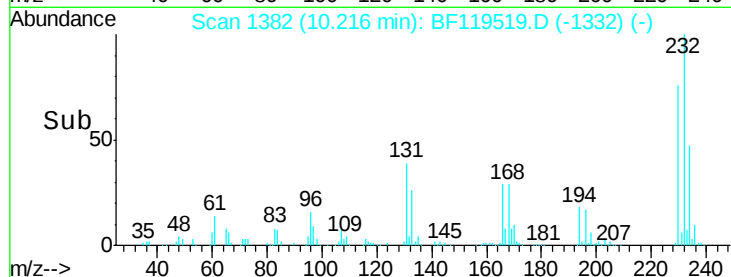
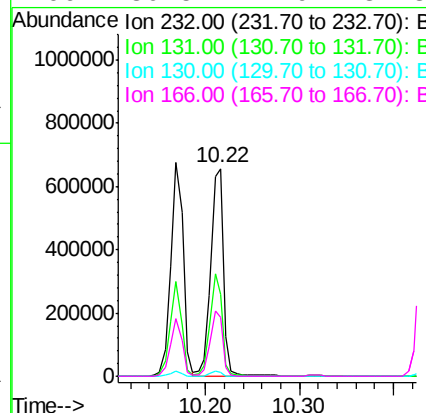
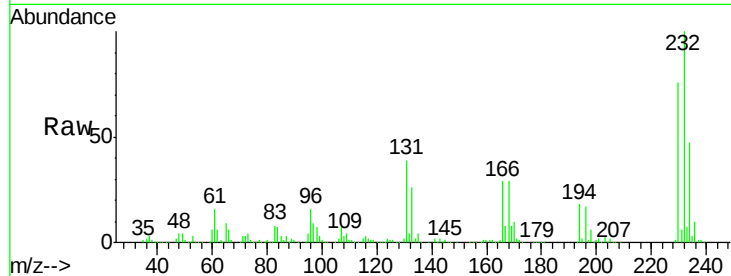
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.599 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	36.3	54.5
130	2.1	1.8	2.6
166	30.5	24.9	37.3

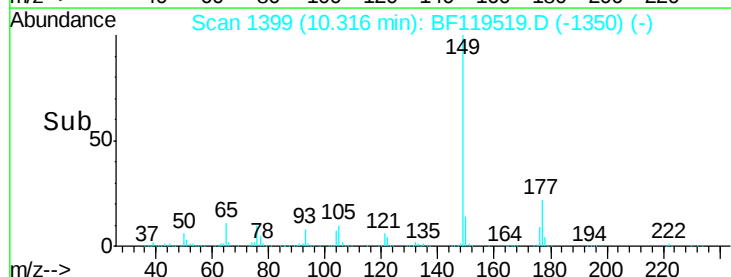
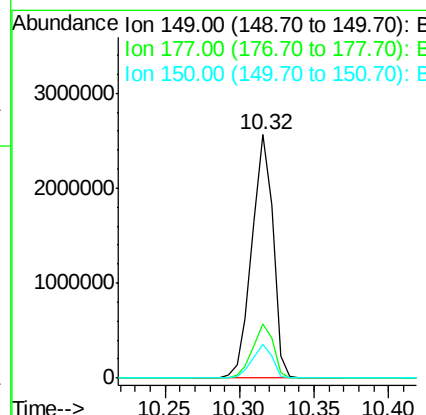
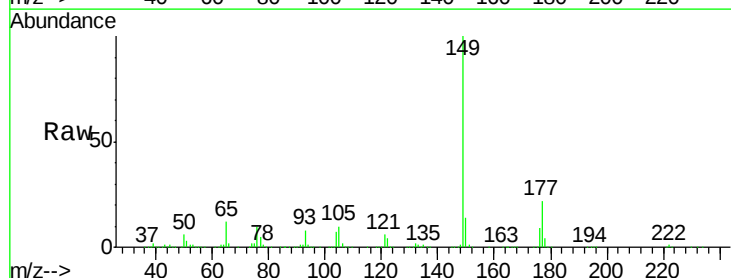
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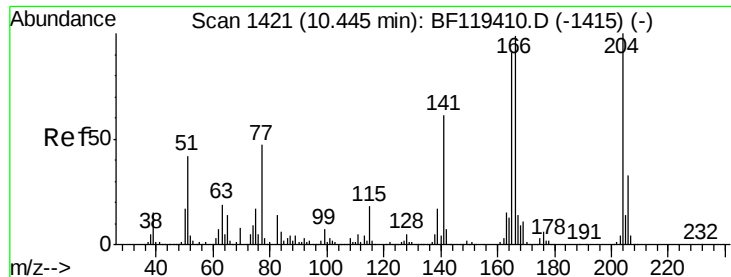
mohammad
 3/27/2020 8:12:14 AM



#60
 Diethylphthalate
 Concen: 44.118 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.6
150	13.6	10.2	15.4





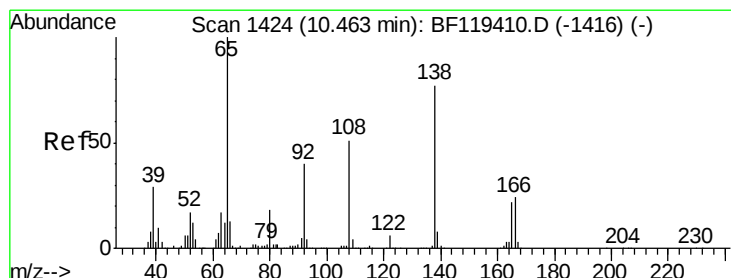
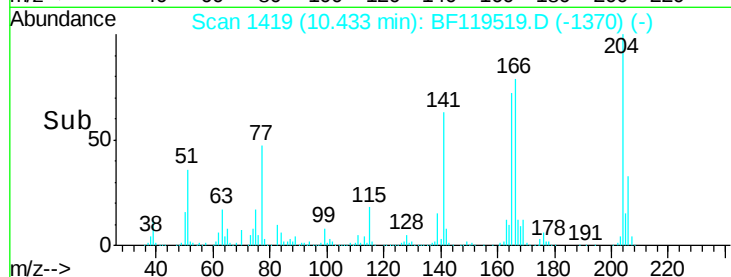
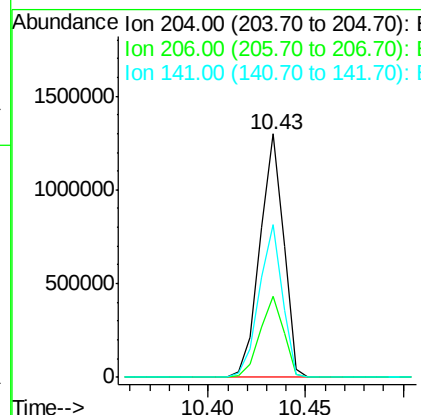
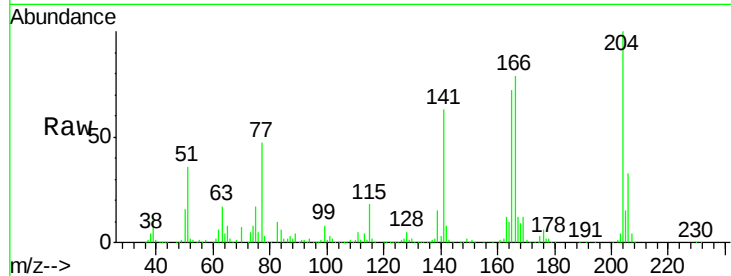
#61
 4-Chlorophenyl-phenylether
 Concen: 42.652 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	204	Resp:	1089477
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.7	40.1
141	62.9	48.8	73.2

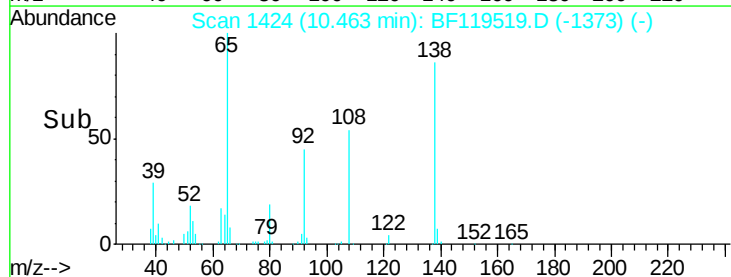
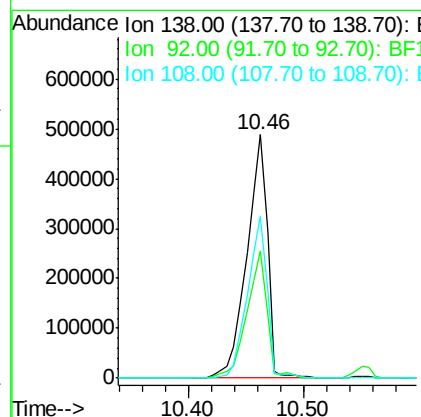
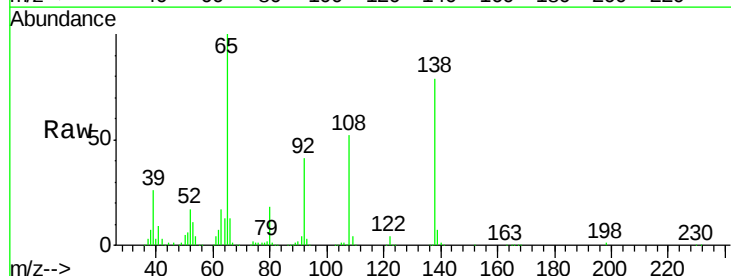
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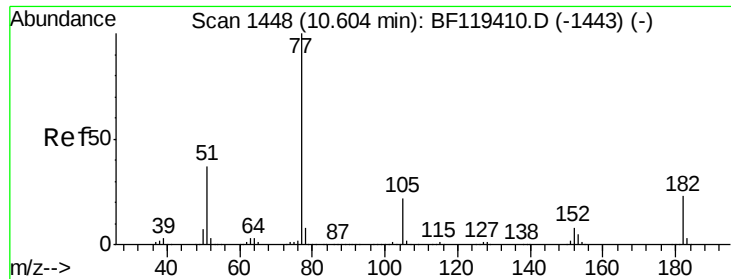
mohammad
 3/27/2020 8:12:14 AM



#62
 4-Nitroaniline
 Concen: 41.271 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion:	138	Resp:	600054
Ion	Ratio	Lower	Upper
138	100		
92	52.0	32.0	72.0
108	66.4	46.0	86.0





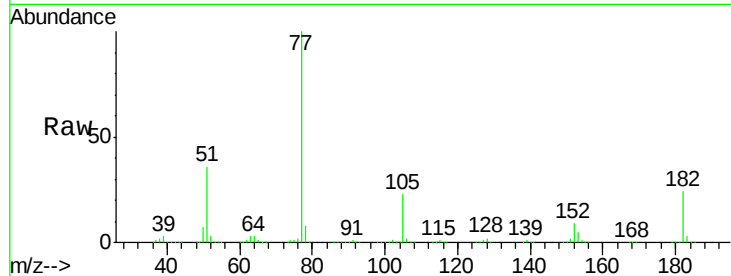
#63
Azobenzene
Concen: 41.033 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

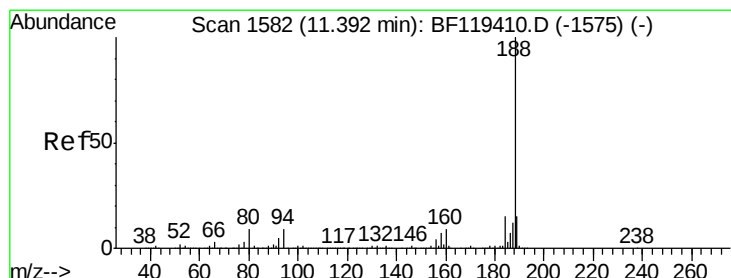
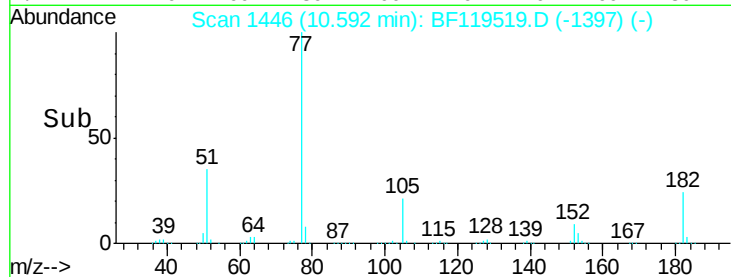
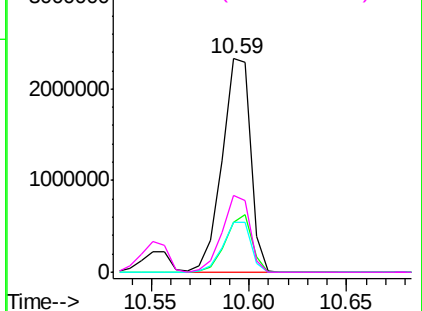
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.7	2.5	42.5	
105	23.1	2.5	42.5	
51	35.8	17.1	57.1	

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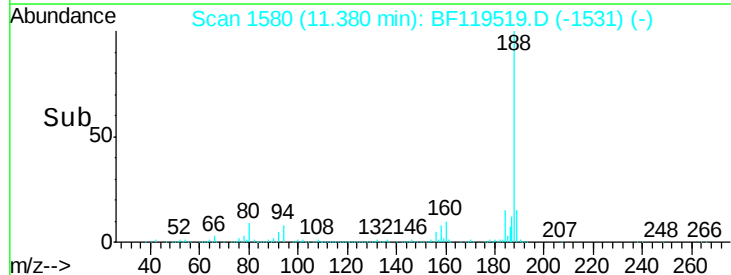
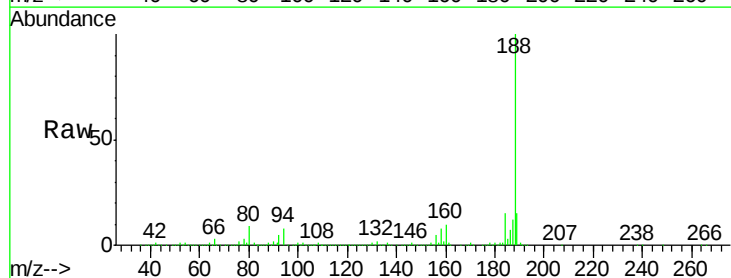
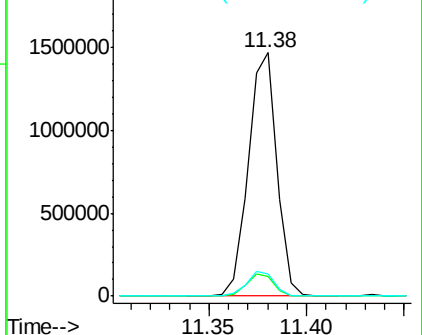
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

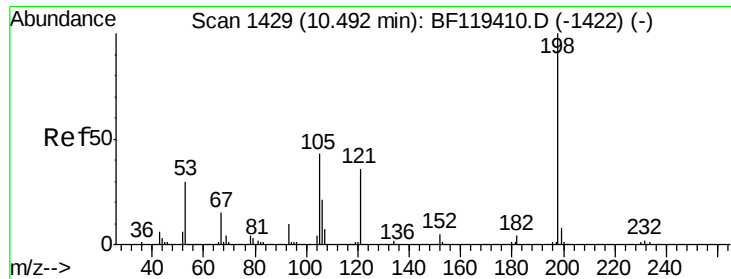


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.1	10.7	
80	8.9	7.5	11.3	

Abundance Ion 188.00 (187.70 to 188.70): E
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: 56.460 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:198 Resp: 349978
Ion Ratio Lower Upper

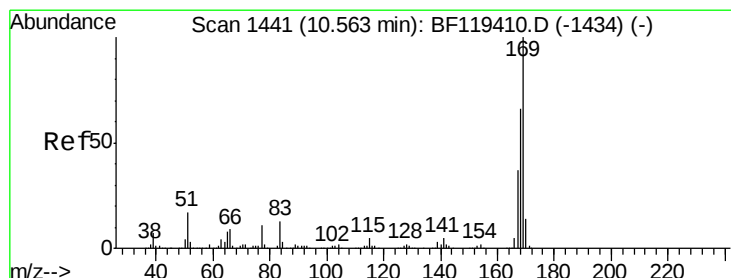
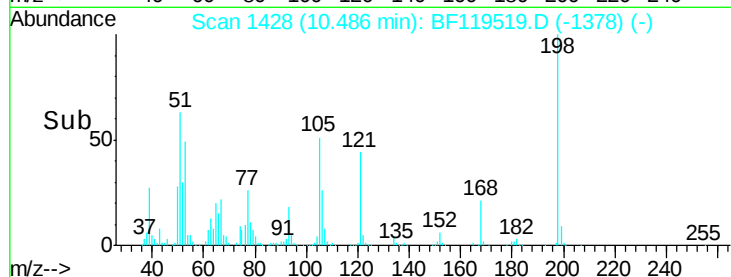
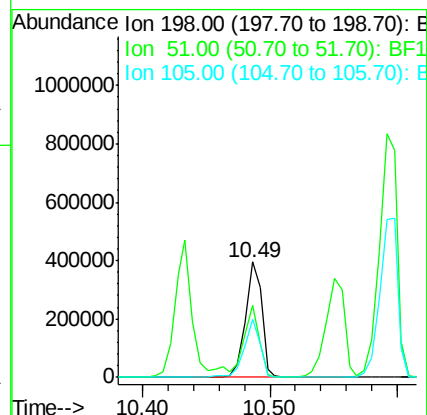
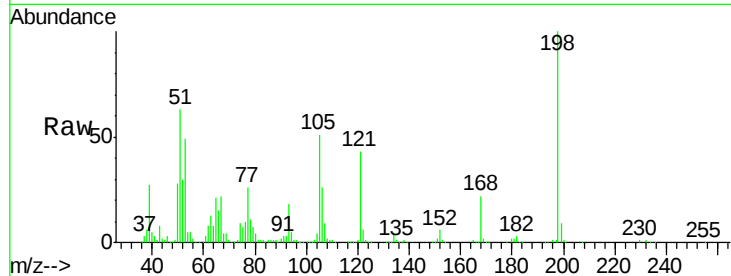
198 100

51 62.8 33.1 73.1

105 50.8 24.1 64.1

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#66

n-Nitrosodiphenylamine

Concen: 41.330 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF119519.D

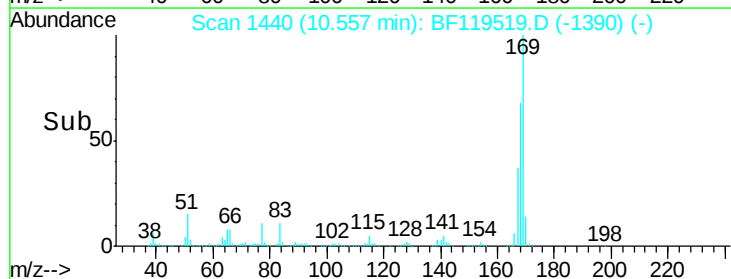
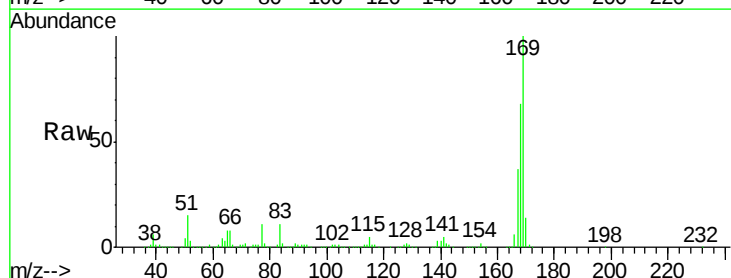
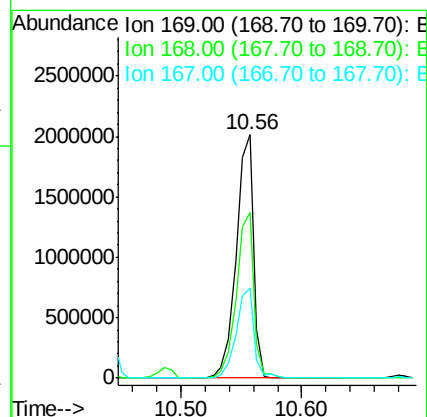
Acq: 25 Mar 2020 23:56

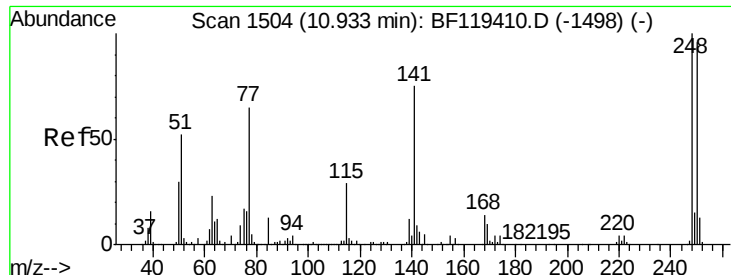
Tgt Ion:169 Resp: 2005667
Ion Ratio Lower Upper

169 100

168 68.0 52.7 79.1

167 37.0 29.3 43.9





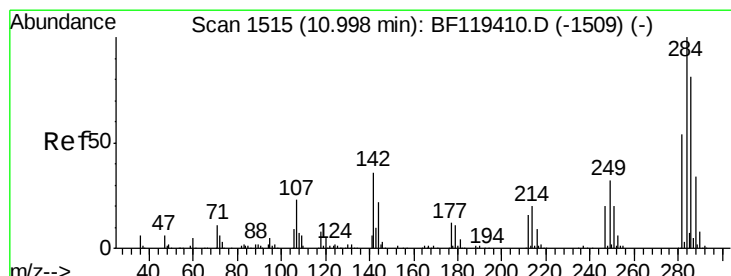
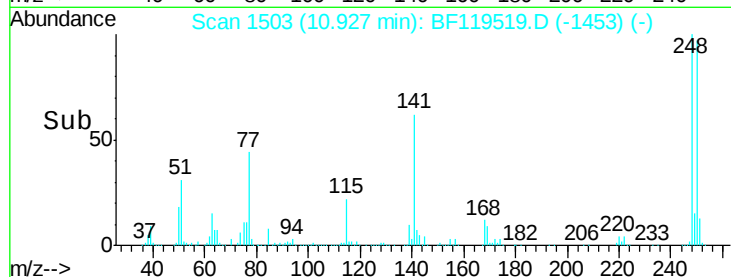
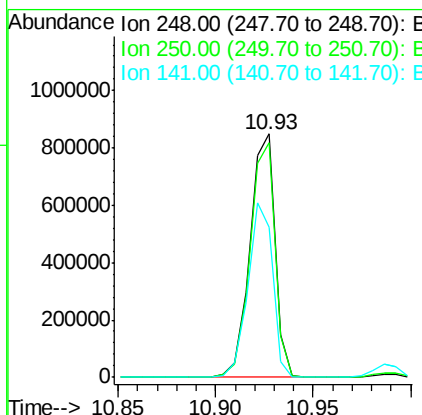
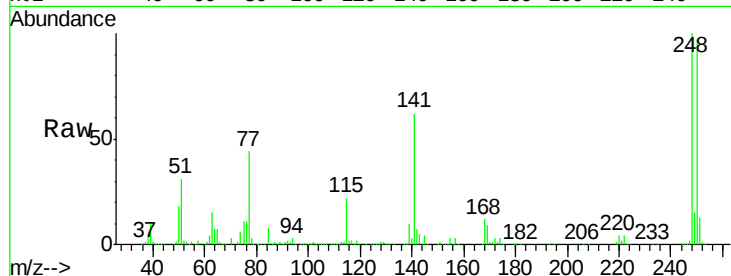
#67
 4-Bromophenyl-phenylether
 Concen: 44.723 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.6
141	61.7	59.7	89.5

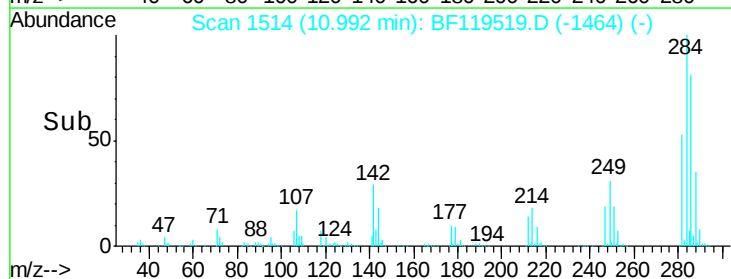
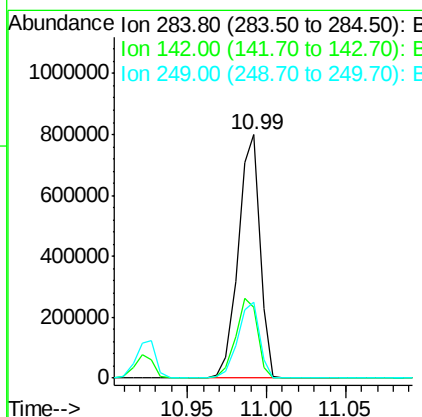
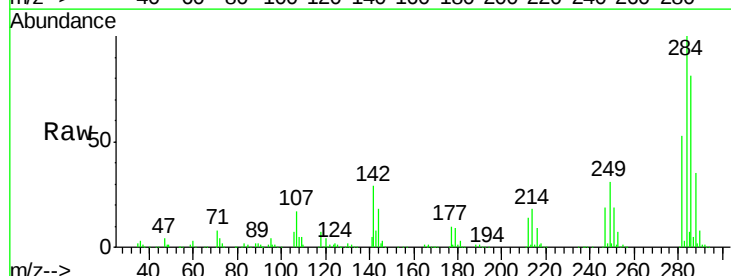
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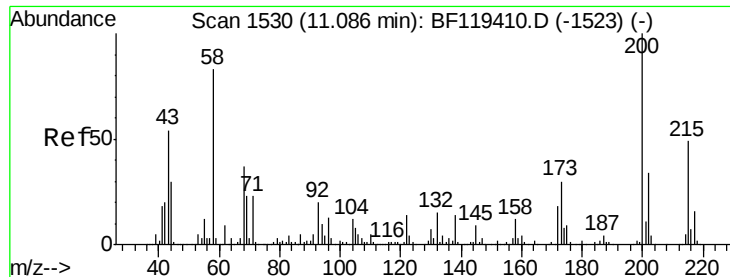
mohammad
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#68
 Hexachlorobenzene
 Concen: 43.965 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	28.7	43.1
249	31.0	25.4	38.0





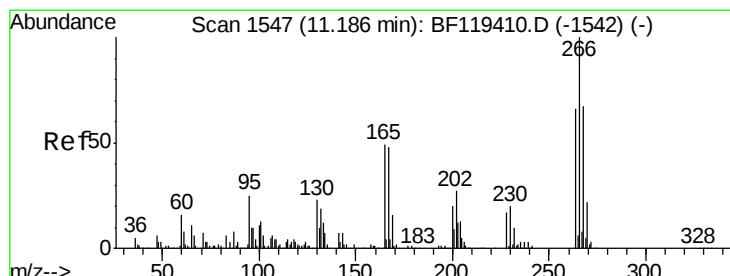
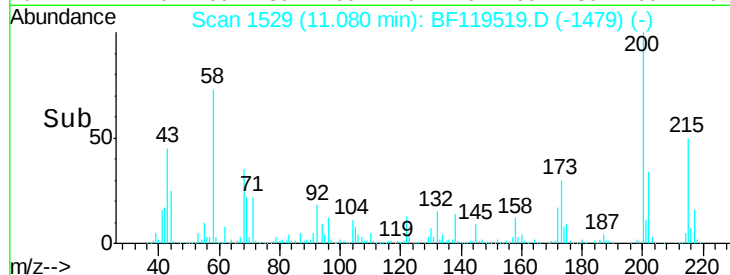
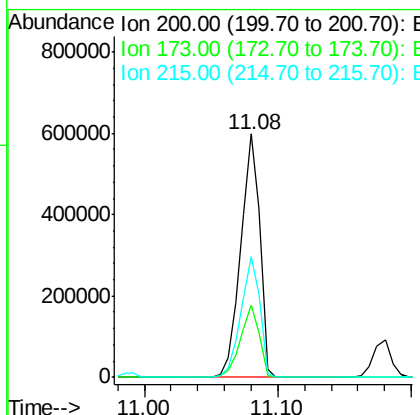
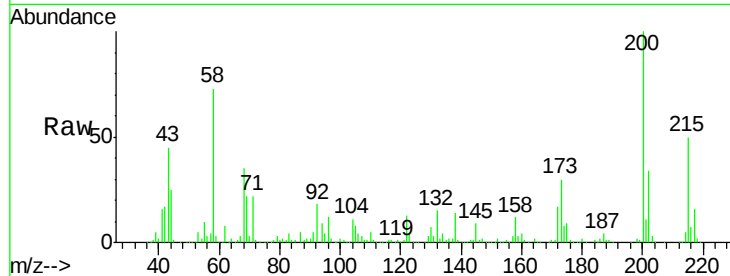
#69
Atrazine
Concen: 44.655 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.8	9.9	49.9
215	49.6	29.4	69.4

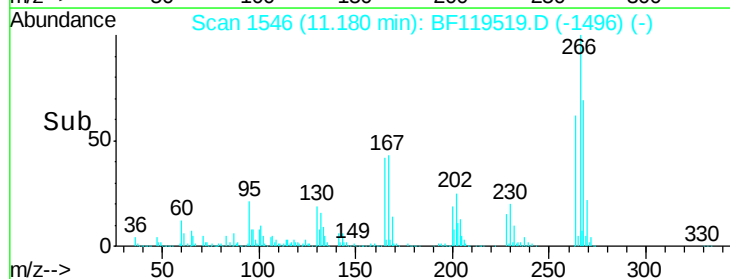
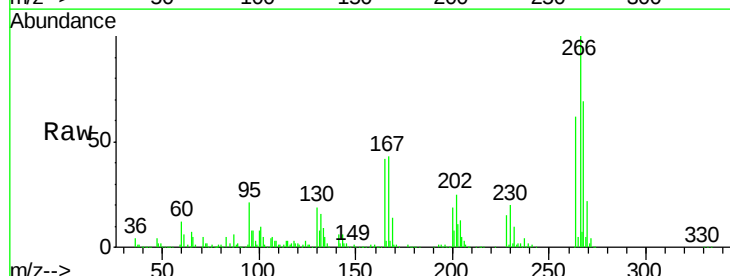
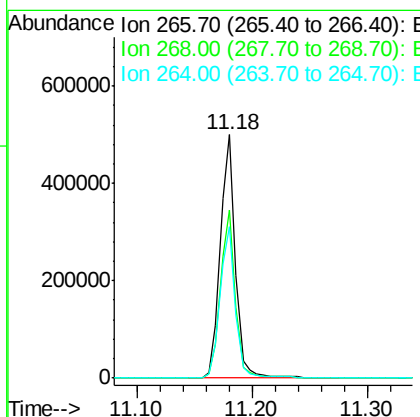
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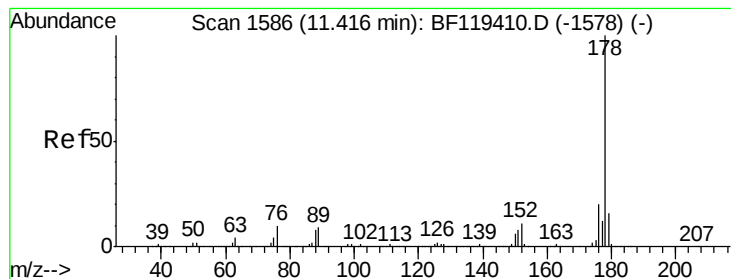
mohammad
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#70
Pentachlorophenol
Concen: 45.353 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	69.0	53.7	80.5
264	62.3	52.5	78.7





#71

Phenanthrene

Concen: 39.626 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 3037379

Ion Ratio Lower Upper

178 100

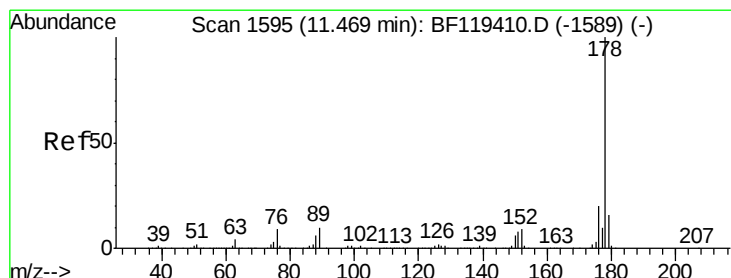
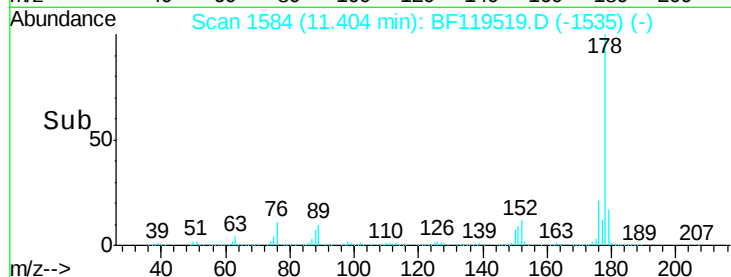
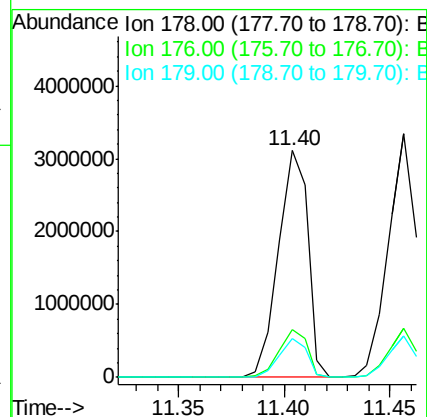
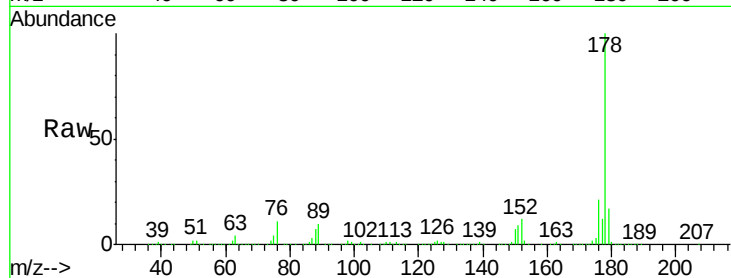
176 21.0 16.2 24.4

179 17.1 12.9 19.3

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#72

Anthracene

Concen: 39.317 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

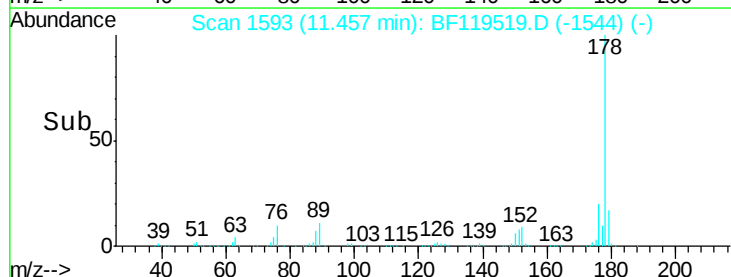
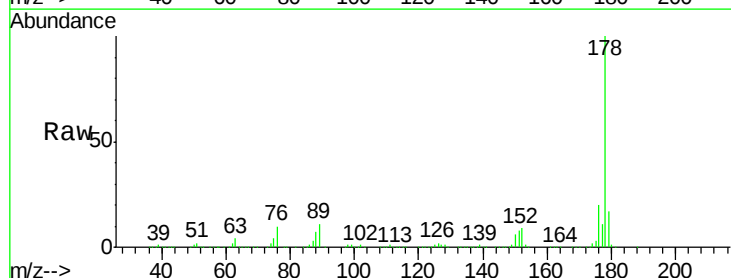
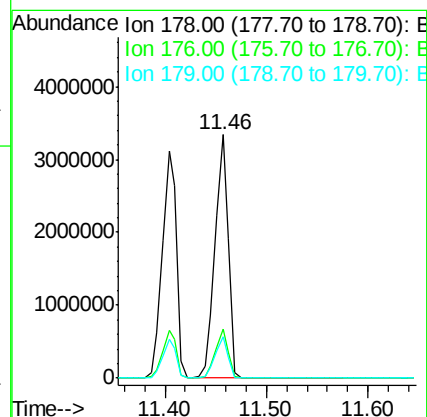
Tgt Ion:178 Resp: 3062892

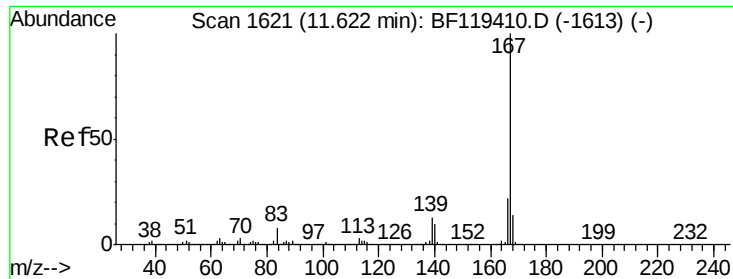
Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

179 16.8 13.1 19.7





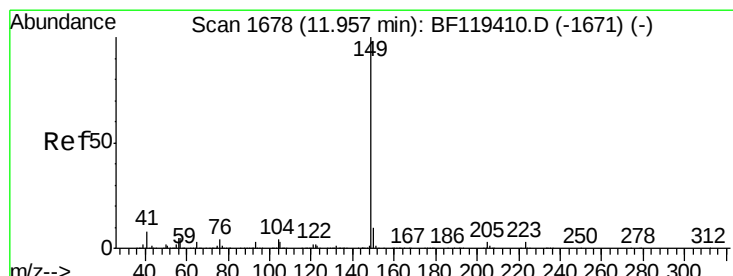
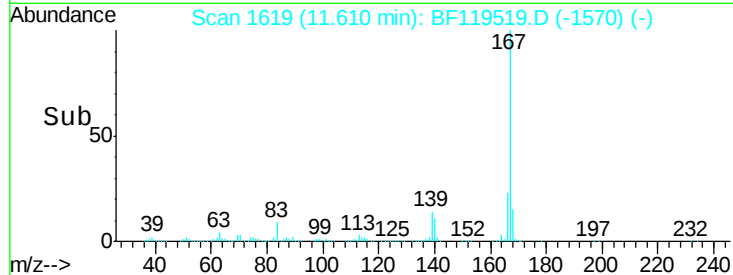
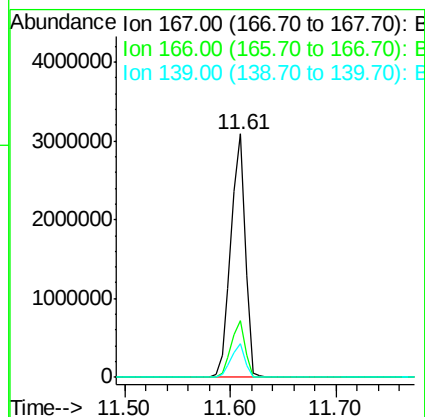
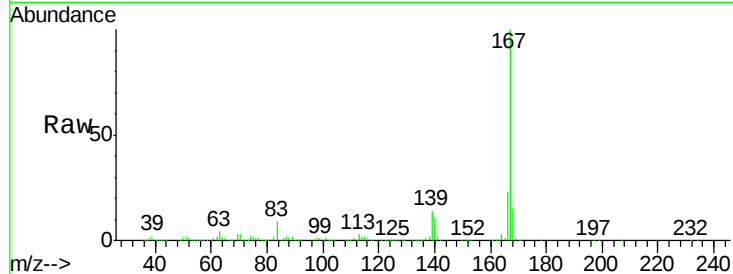
#73
 Carbazole
 Concen: 38.075 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 2935900
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.6
 139 13.8 10.2 15.4

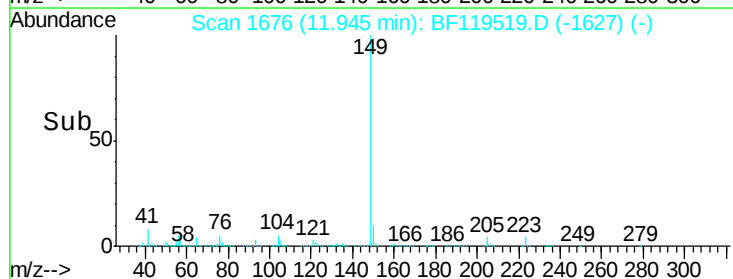
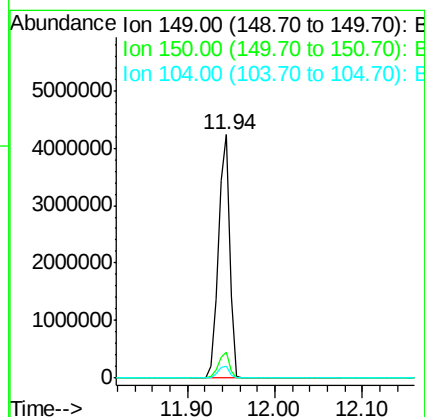
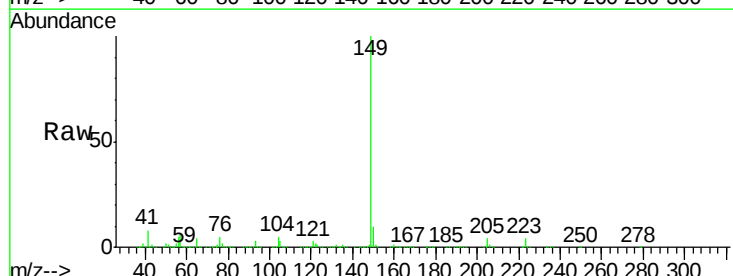
Manual Integrations
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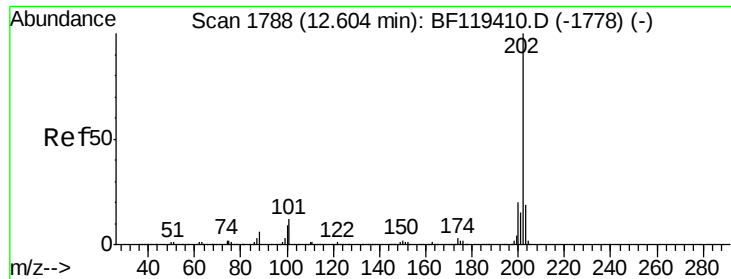
mohammad
 3/27/2020 8:12:14 AM



#74
 Di-n-butylphthalate
 Concen: 45.868 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion:149 Resp: 3783491
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.6 11.4
 104 5.2 3.5 5.3





#75

Fluoranthene

Concen: 38.960 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

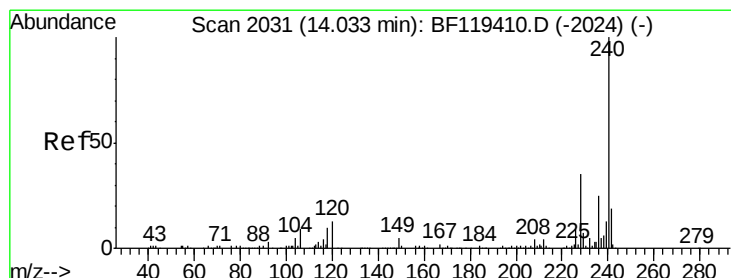
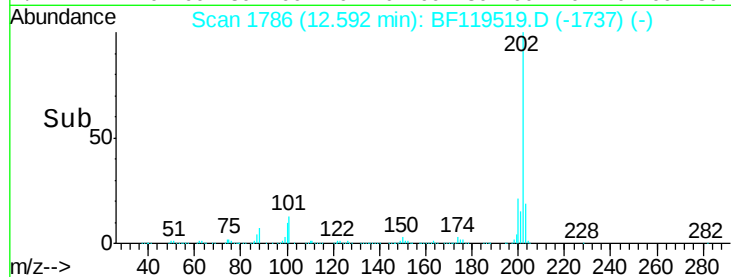
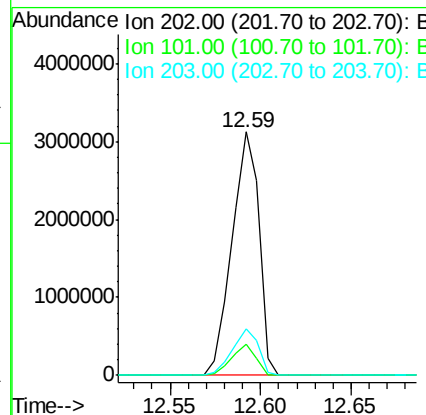
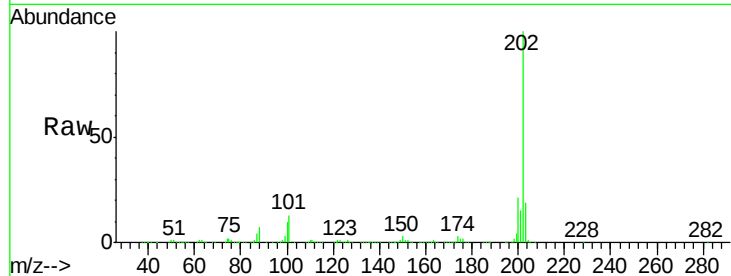
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	3231851
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.4
203	19.0	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

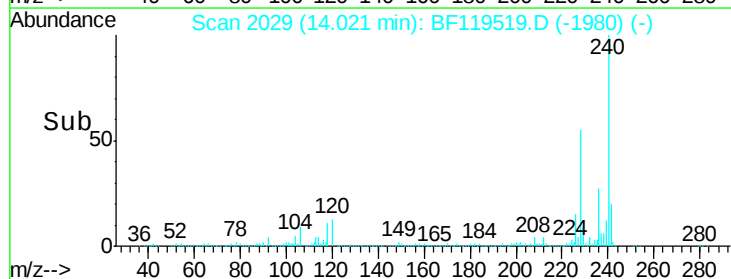
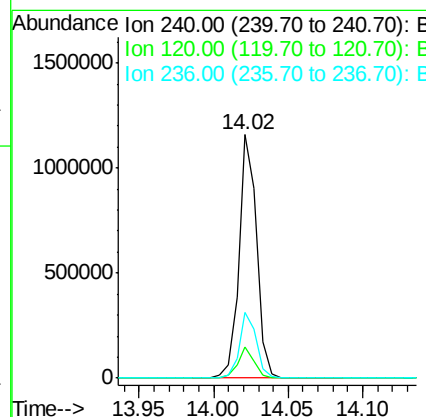
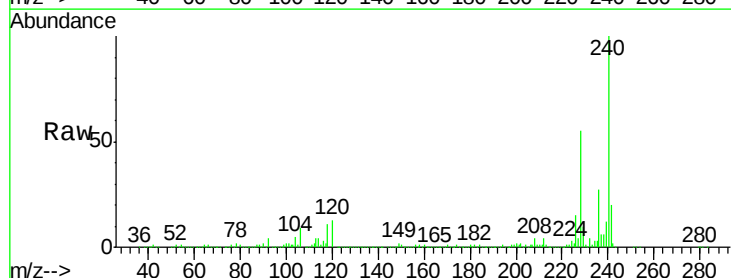
RT: 14.02 min Scan# 2029

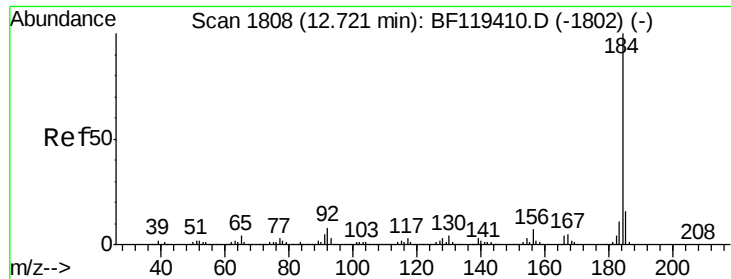
Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Tgt Ion:	240	Resp:	962093
Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.2	15.4
236	26.7	20.4	30.6





#77

Benzidine

Concen: 31.470 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1281331

Ion Ratio Lower Upper

184 100

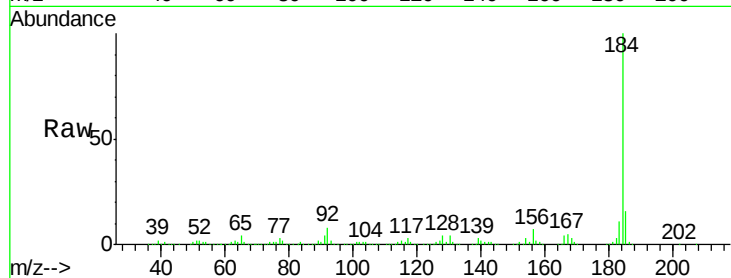
185 16.0 12.9 19.3

183 11.2 9.0 13.4

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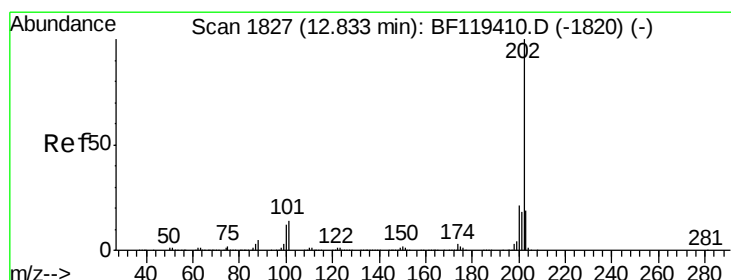
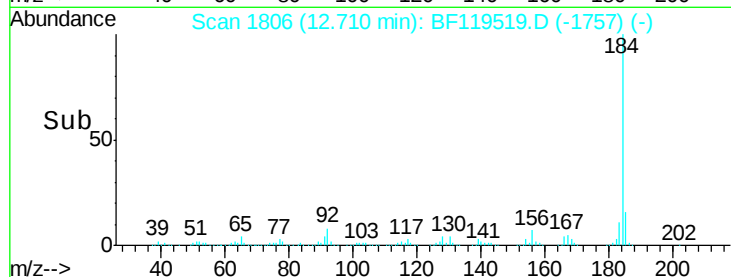
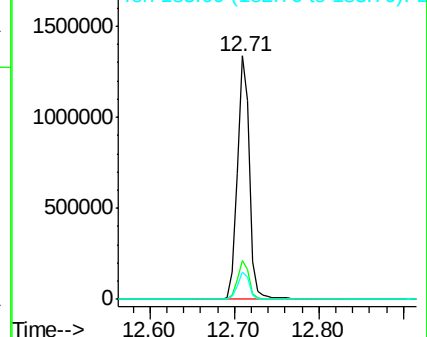
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.464 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

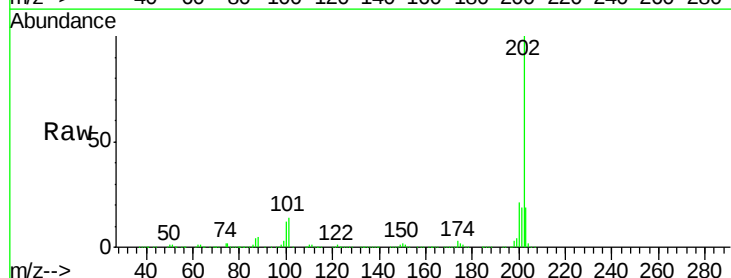
Tgt Ion:202 Resp: 3273922

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

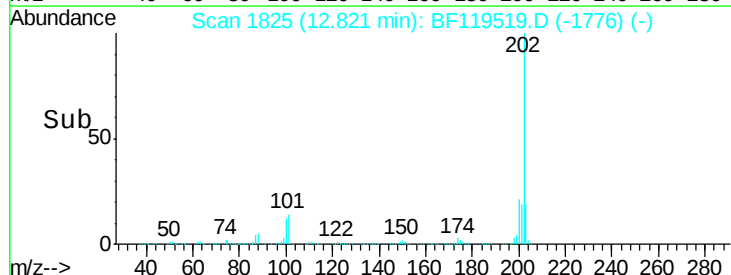
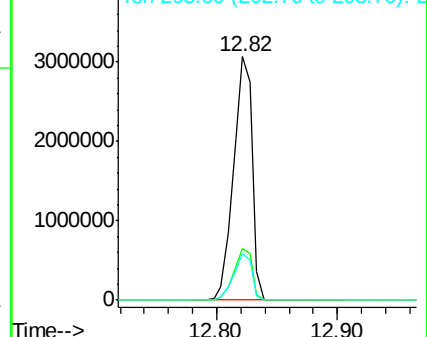
203 19.1 14.8 22.2

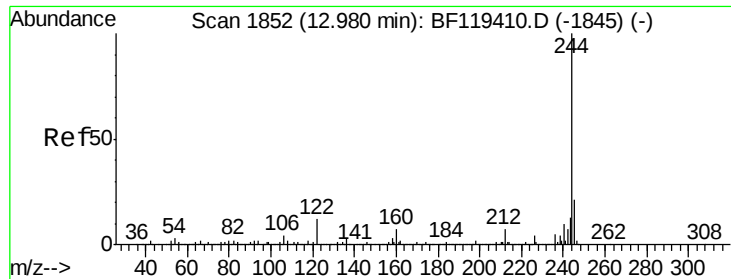


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





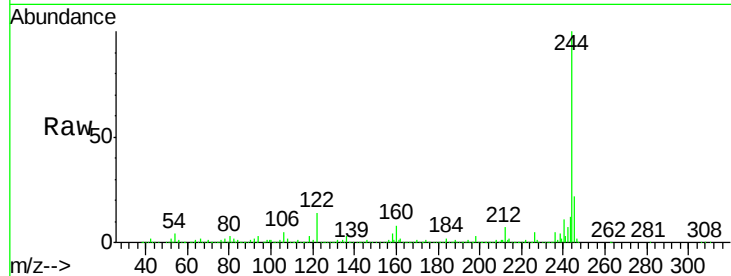
#79
 Terphenyl-d14
 Concen: 88.546 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

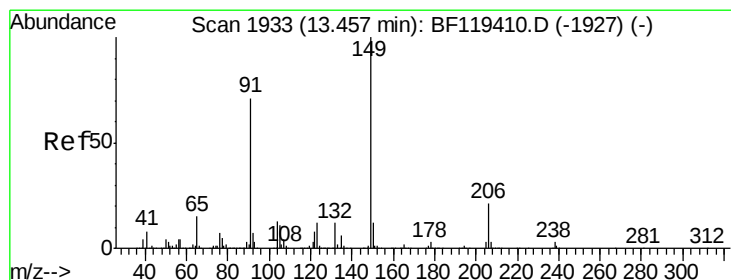
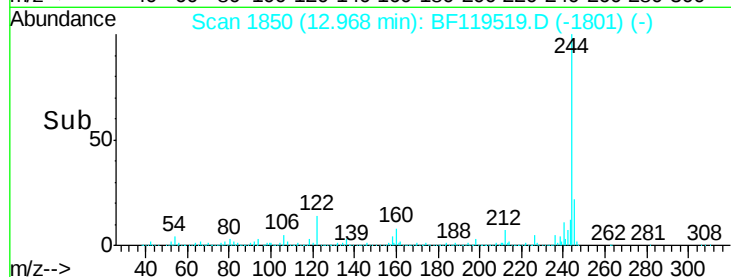
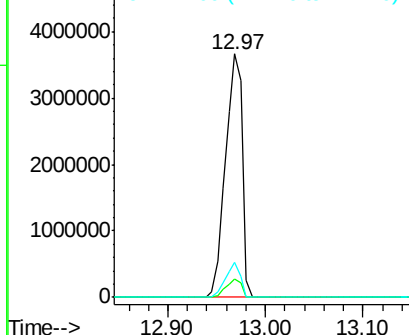
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	14.2	9.8	14.8

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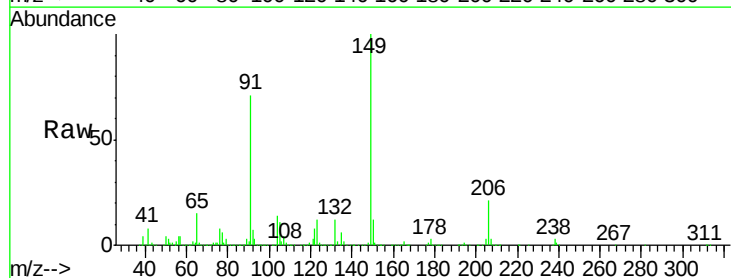


Abundance Ion 244.00 (243.70 to 244.70): E
 5000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

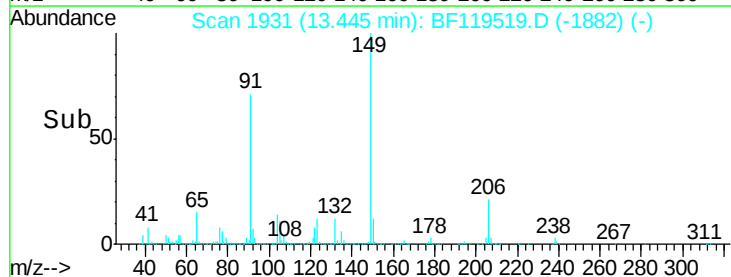
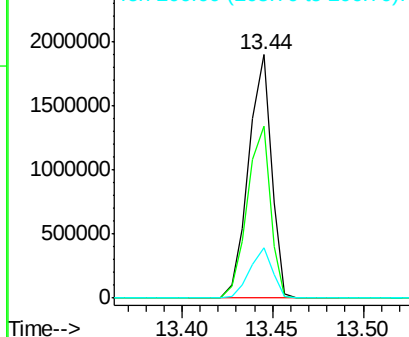


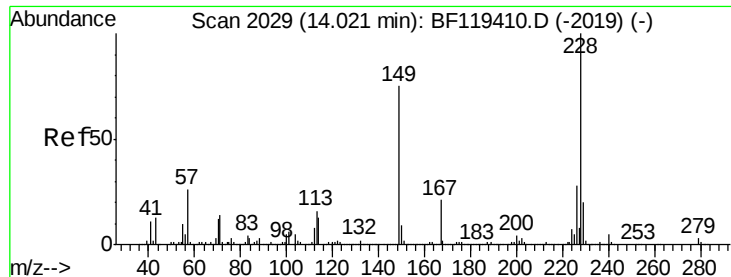
#80
 Butylbenzylphthalate
 Concen: 52.220 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119519.D
 Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.9	57.0	85.6
206	20.6	16.4	24.6



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





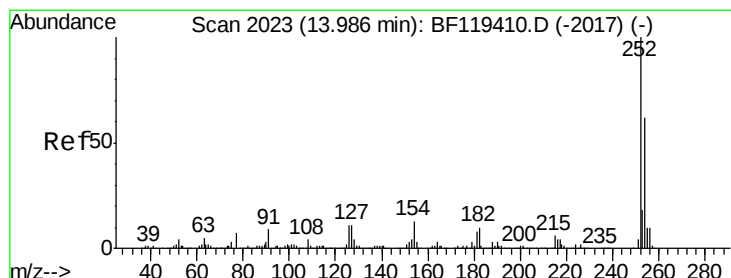
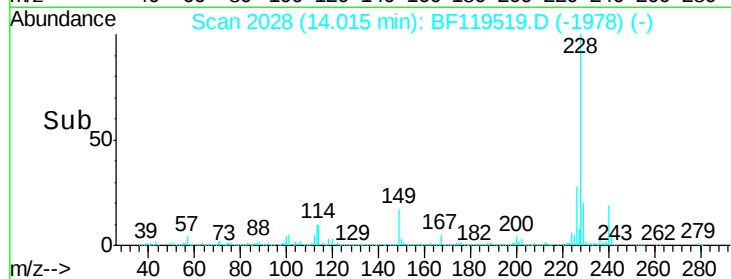
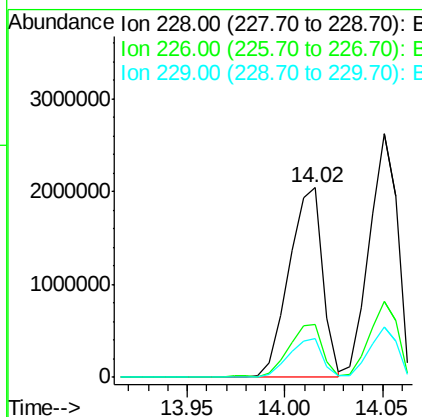
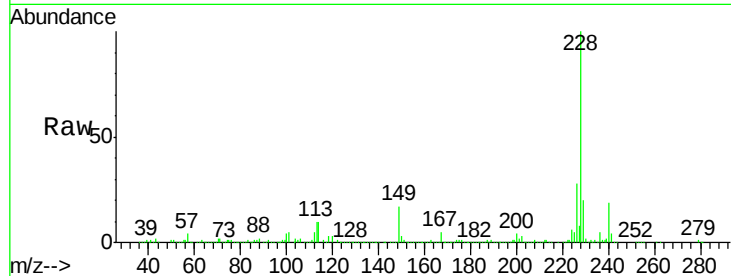
#81
Benzo(a)anthracene
Concen: 38.853 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.3	16.3	24.5

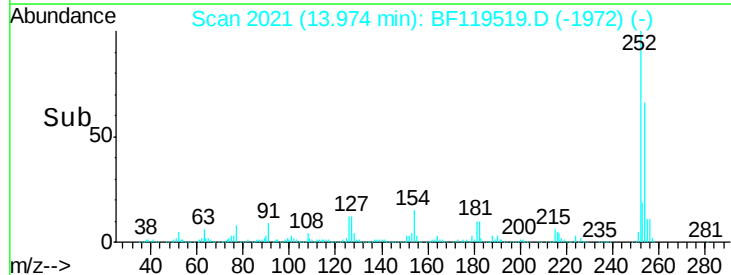
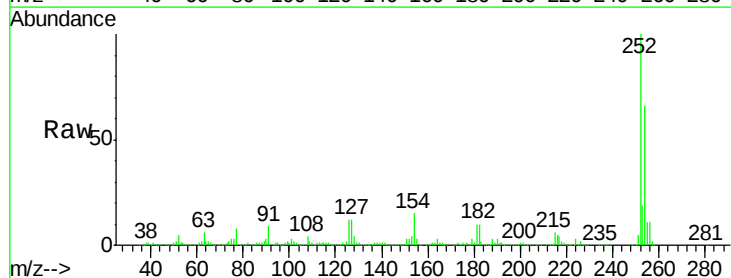
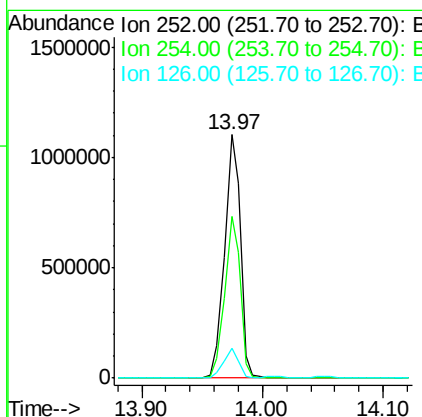
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#82
3,3'-Dichlorobenzidine
Concen: 40.438 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	49.8	74.8
126	12.2	8.9	13.3





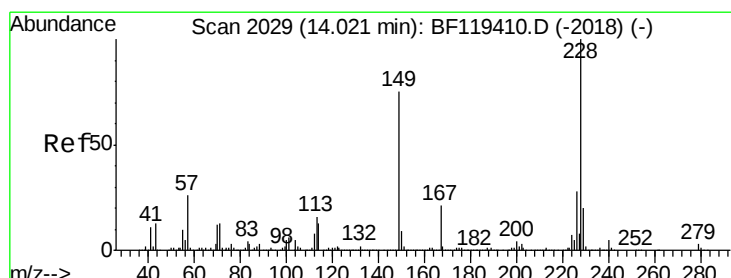
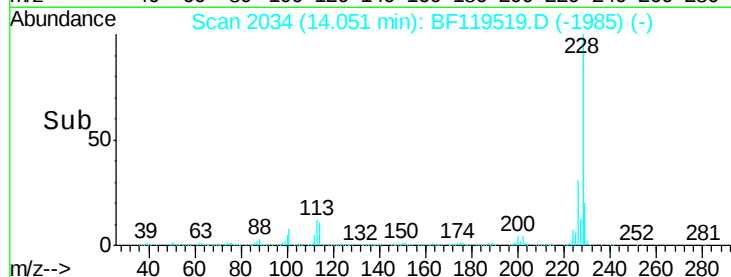
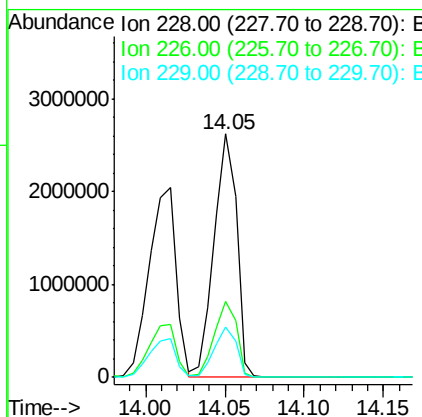
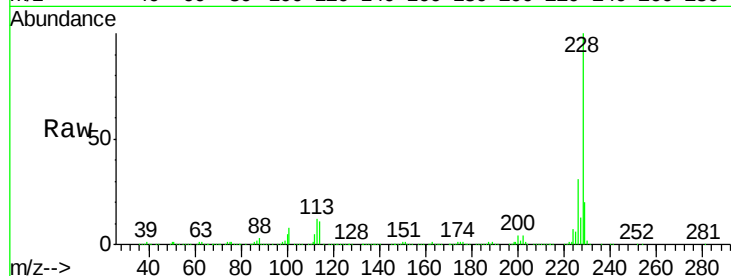
#83
Chrysene
Concen: 40.326 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2603740
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 20.5 16.6 25.0

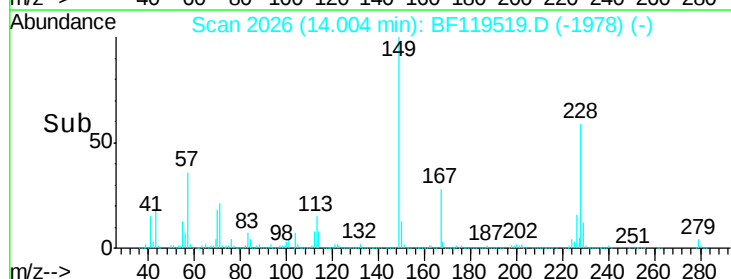
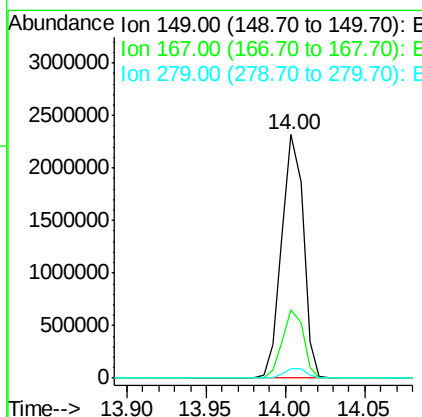
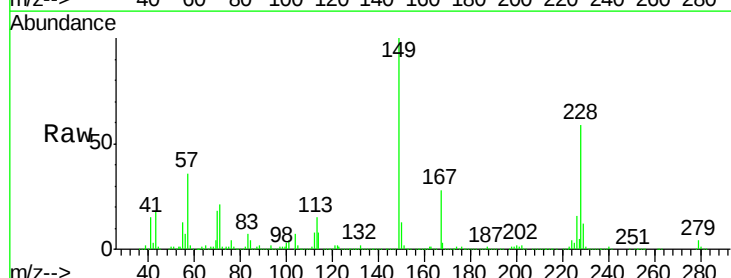
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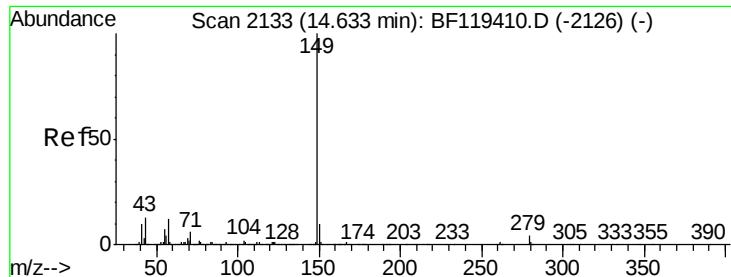
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 58.107 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion:149 Resp: 2212071
Ion Ratio Lower Upper
149 100
167 28.0 22.0 33.0
279 3.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 56.702 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 3796322

Ion Ratio Lower Upper

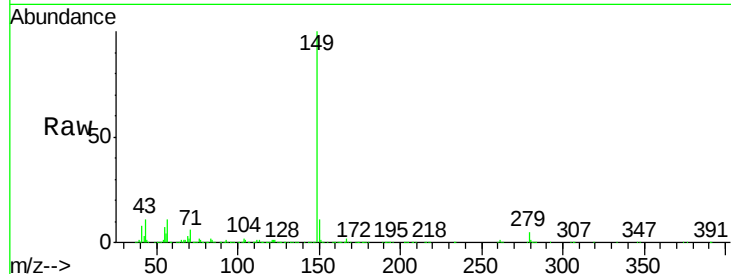
149 100

167 1.6 1.1 1.7

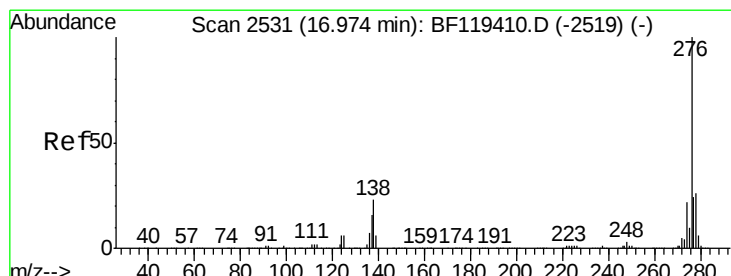
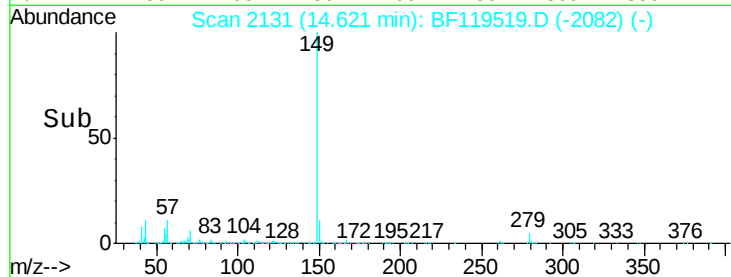
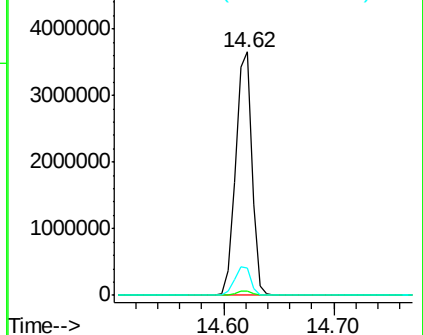
43 12.0 10.1 15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
5000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.862 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF119519.D

Acq: 25 Mar 2020 23:56

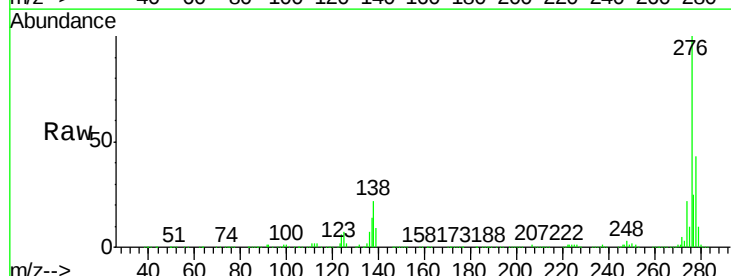
Tgt Ion:276 Resp: 2241566

Ion Ratio Lower Upper

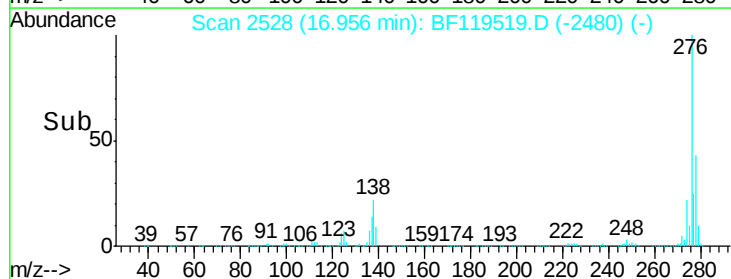
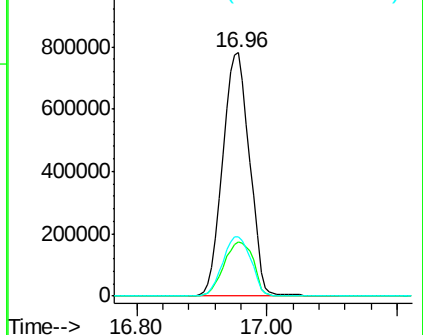
276 100

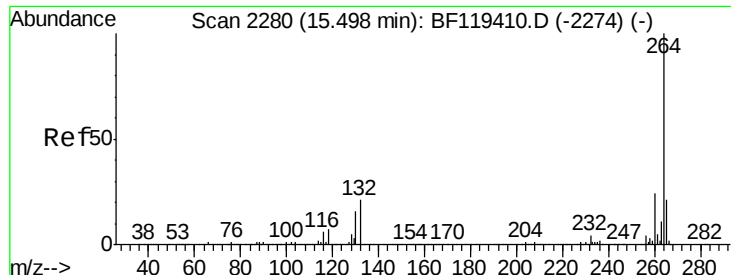
138 24.5 21.3 31.9

277 25.7 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
1000000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





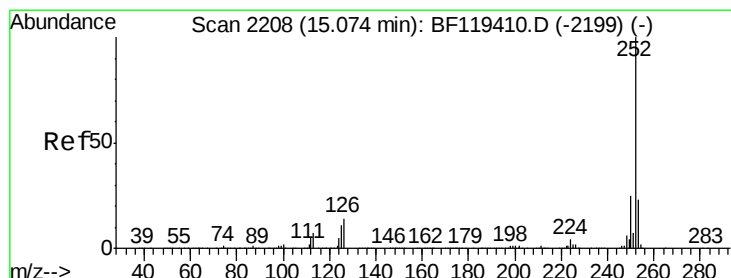
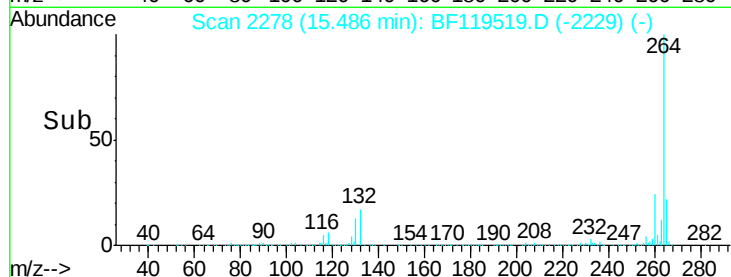
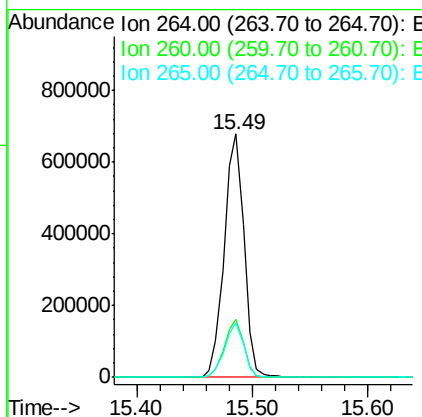
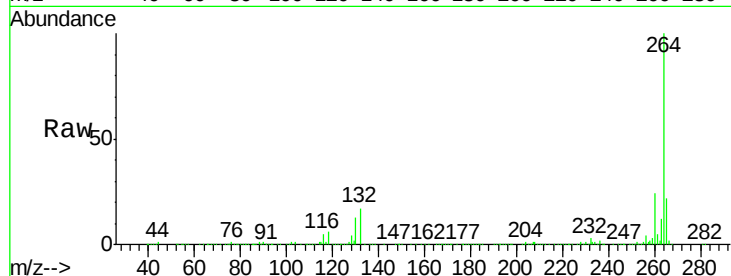
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	16.9	25.3

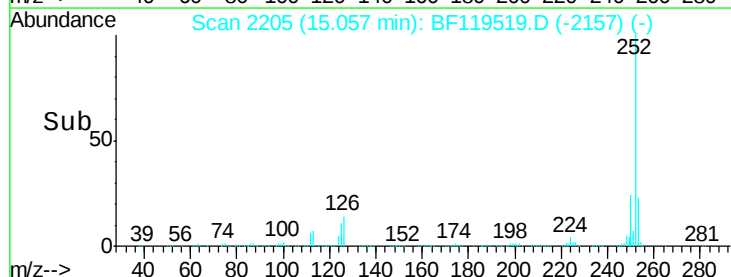
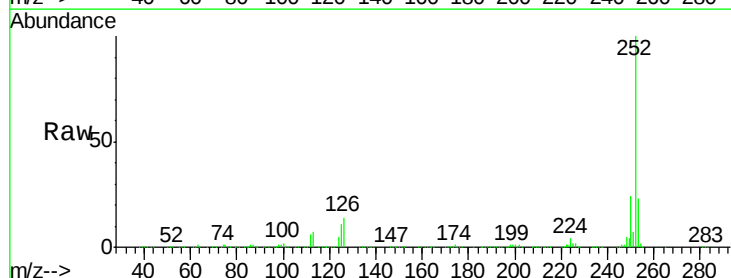
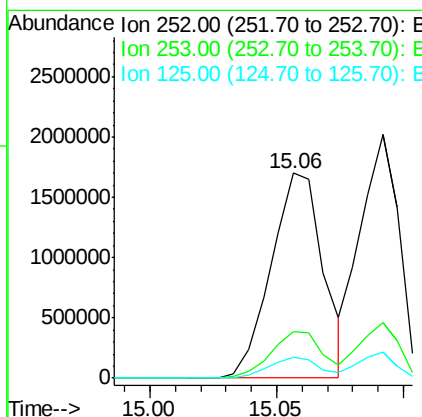
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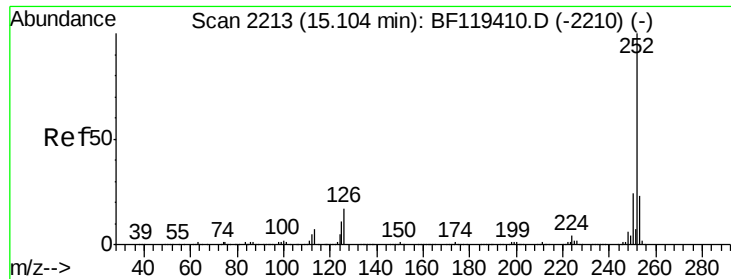
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.948 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	10.5	8.8	13.2





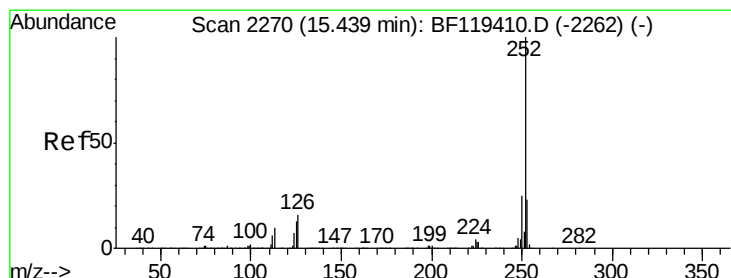
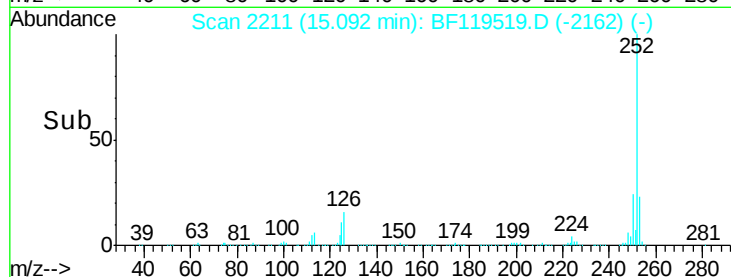
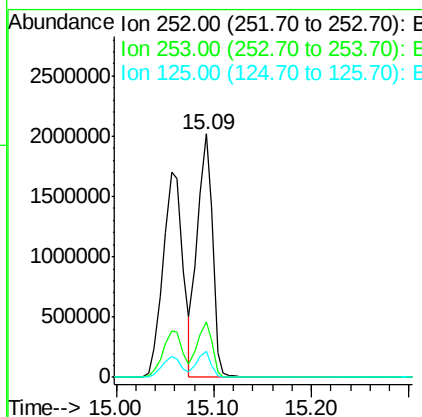
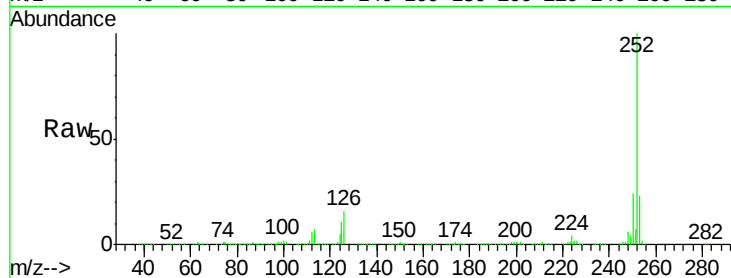
#89
Benzo(k)fluoranthene
Concen: 42.389 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 2180102
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.7 9.0 13.4

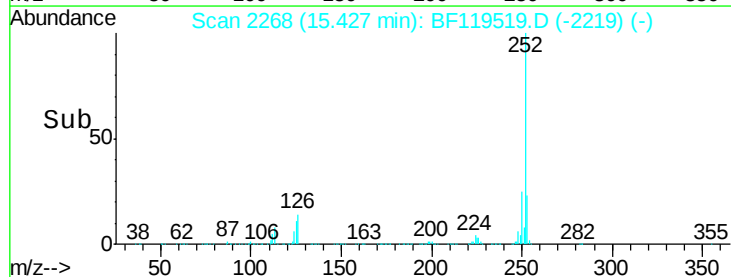
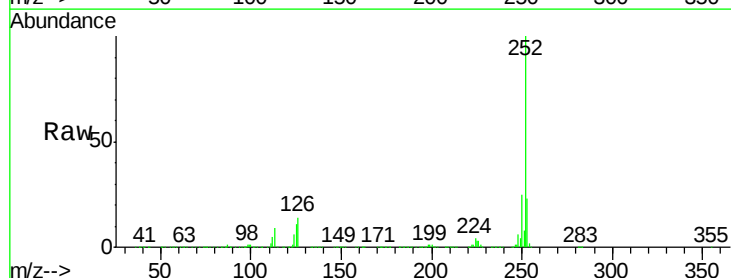
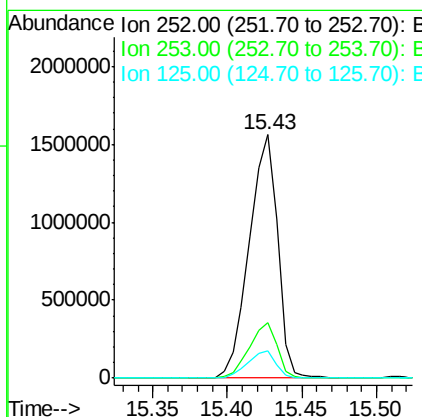
Manual Integrations
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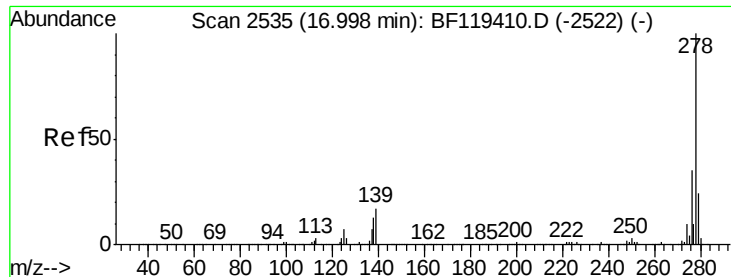
mohammad
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#90
Benzo(a)pyrene
Concen: 41.715 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion:252 Resp: 2047605
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 11.5 10.2 15.2





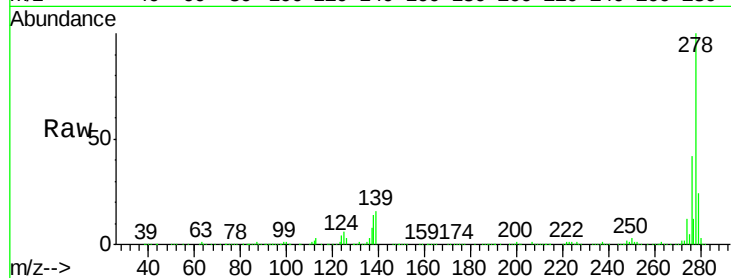
#91
Dibenzo(a,h)anthracene
Concen: 43.355 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

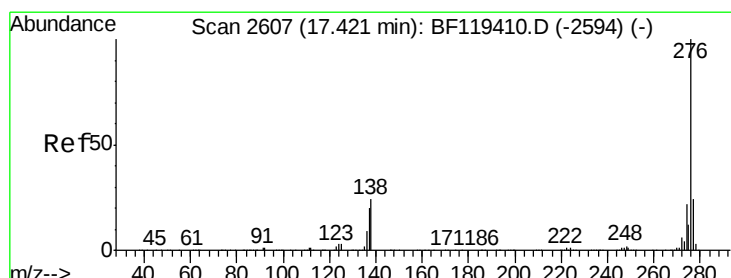
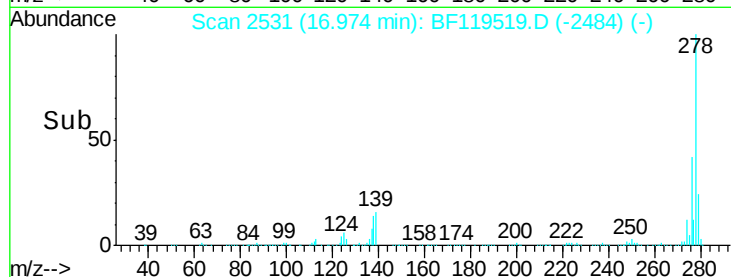
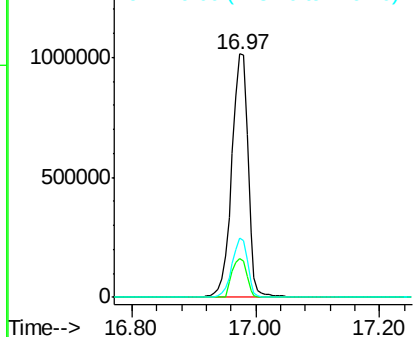
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.7	20.5
279	24.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
3/27/2020 8:12:14 AM



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



#92
Benzo(g,h,i)perylene
Concen: 42.208 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.02 min
Lab File: BF119519.D
Acq: 25 Mar 2020 23:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.4	19.1	28.7

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

