

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119727.D
 Acq On : 3 Apr 2020 19:20
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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 4/6/2020 1:38:53 PM

Quant Time: Apr 06 01:44:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	208361	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	770555	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	390521	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	752087	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	549915	20.00	ng	-0.02
87) Perylene-d12	15.43	264	477318	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1026426	78.42	ng	0.00
7) Phenol-d6	6.43	99	1315080	78.65	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1155640	81.51	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	365093	90.62	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2091851	79.36	ng	-0.01
79) Terphenyl-d14	12.92	244	2290294	81.60	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	235288	36.397	ng	97
3) Pyridine	3.25	79	649221	36.454	ng	94
4) n-Nitrosodimethylamine	3.20	42	289021	33.279	ng	92
6) Aniline	6.47	93	875314	37.932	ng	97
8) 2-Chlorophenol	6.59	128	556089	40.452	ng	94
9) Benzaldehyde	6.35	77	376681	35.514	ng	99
10) Phenol	6.45	94	749644	42.019	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	553353	38.781	ng	99
12) 1,3-Dichlorobenzene	6.75	146	600246	40.343	ng	98
13) 1,4-Dichlorobenzene	6.82	146	595422	40.009	ng	98
14) 1,2-Dichlorobenzene	6.97	146	571400	41.077	ng	99
15) Benzyl Alcohol	6.95	79	485618	38.611	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	990131	34.402	ng	98
17) 2-Methylphenol	7.06	107	495710	39.357	ng	99
18) Hexachloroethane	7.32	117	217827	39.940	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	381926	37.897	ng	97
20) 3+4-Methylphenols	7.22	107	602424	39.027	ng	# 75
22) Acetophenone	7.22	105	705696	38.328	ng	# 90
24) Nitrobenzene	7.39	77	600694	39.644	ng	95
25) Isophorone	7.63	82	1087727	37.820	ng	98
26) 2-Nitrophenol	7.70	139	298717	50.070	ng	93
27) 2,4-Dimethylphenol	7.75	122	450845	36.547	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	664030	39.044	ng	99
29) 2,4-Dichlorophenol	7.95	162	460529	40.629	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	507440	40.481	ng	99
31) Naphthalene	8.12	128	1601233	40.380	ng	99
32) Benzoic acid	7.86	122	340612m	42.924	ng	
33) 4-Chloroaniline	8.16	127	702585	38.667	ng	97
34) Hexachlorobutadiene	8.23	225	289396	41.262	ng	100
35) Caprolactam	8.53	113	145055	39.102	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	485933	39.224	ng	98
37) 2-Methylnaphthalene	8.80	142	1042311	40.051	ng	98
38) 1-Methylnaphthalene	8.90	142	988624	40.135	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	472803	41.306	ng	99

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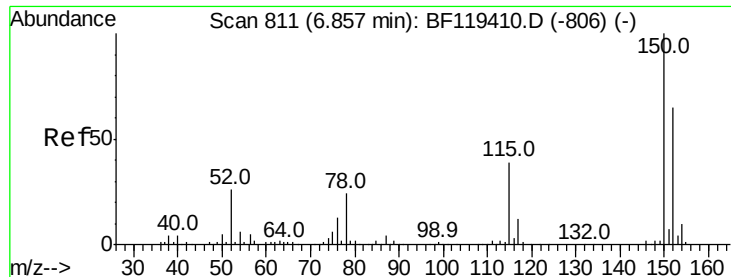
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	238784	36.694	nq	100
43) 2,4,6-Trichlorophenol	9.08	196	337097	41.153	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	385608	42.023	nq	96
46) 1,1'-Biphenyl	9.27	154	1304824	41.024	nq	98
47) 2-Chloronaphthalene	9.30	162	1012589	40.643	nq	96
48) 2-Nitroaniline	9.39	65	369141	42.927	nq	89
49) Acenaphthylene	9.71	152	1576591	40.297	nq	98
50) Dimethylphthalate	9.57	163	1142753	41.197	nq	99
51) 2,6-Dinitrotoluene	9.63	165	262251	44.108	nq	99
52) Acenaphthene	9.89	154	955396	39.171	nq	98
53) 3-Nitroaniline	9.80	138	319545	42.570	nq	90
54) 2,4-Dinitrophenol	9.90	184	51990	25.645	nq	97
55) Dibenzofuran	10.06	168	1409258	40.299	nq	97
56) 4-Nitrophenol	9.96	139	237523	40.112	nq	93
57) 2,4-Dinitrotoluene	10.03	165	351691	46.955	nq	95
58) Fluorene	10.40	166	1074023	41.533	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	297063	43.309	nq	98
60) Diethylphthalate	10.27	149	1168321	41.499	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	523672	41.411	nq	98
62) 4-Nitroaniline	10.42	138	312136	43.364	nq	95
63) Azobenzene	10.55	77	1102345	38.882	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	99225	31.463	nq	91
66) n-Nitrosodiphenylamine	10.51	169	973099	39.413	nq	98
67) 4-Bromophenyl-phenylether	10.88	248	351534	41.042	nq	97
68) Hexachlorobenzene	10.94	284	367223	41.890	nq	96
69) Atrazine	11.04	200	278449	41.138	nq	98
70) Pentachlorophenol	11.14	266	182528	35.510	nq	96
71) Phenanthrene	11.36	178	1567801	40.202	nq	98
72) Anthracene	11.41	178	1610825	40.642	nq	98
73) Carbazole	11.57	167	1566762	39.937	nq	98
74) Di-n-butylphthalate	11.90	149	1803898	42.984	nq	100
75) Fluoranthene	12.55	202	1721498	40.789	nq	97
77) Benzidine	12.67	184	727686	31.268	nq	99
78) Pyrene	12.78	202	1738777	38.527	nq	99
80) Butylbenzylphthalate	13.40	149	764598	41.888	nq	98
81) Benzo(a)anthracene	13.97	228	1390611	38.887	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	505991	35.886	nq	98
83) Chrysene	14.00	228	1398094	37.883	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	948494	43.590	nq	99
85) Di-n-octyl phthalate	14.57	149	1622523	42.398	nq	98
86) Indeno(1,2,3-cd)pyrene	16.87	276	1247747	35.898	nq	99
88) Benzo(b)fluoranthene	15.01	252	1313052	41.181	nq	99
89) Benzo(k)fluoranthene	15.04	252	1174954	38.700	nq	99
90) Benzo(a)pyrene	15.37	252	1146145	39.554	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	1015544	40.069	nq	100
92) Benzo(g,h,i)perylene	17.31	276	1027596	40.358	nq	95

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



#1

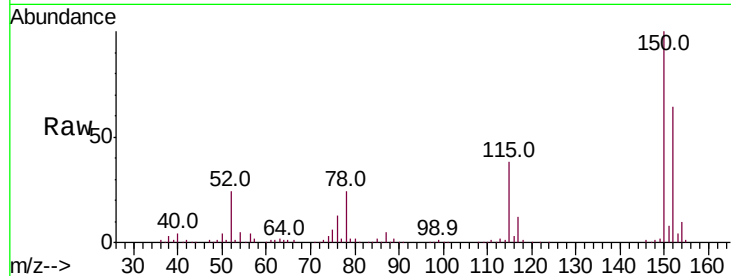
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.5	186.7
115	59.6	49.6	74.4

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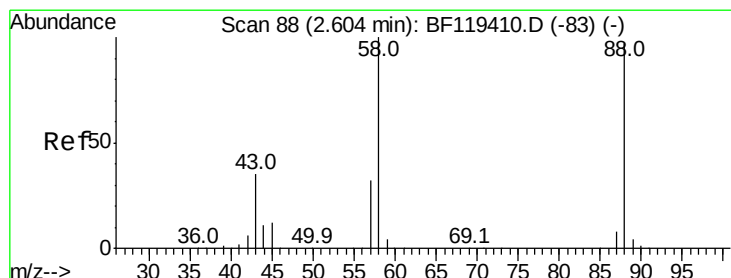
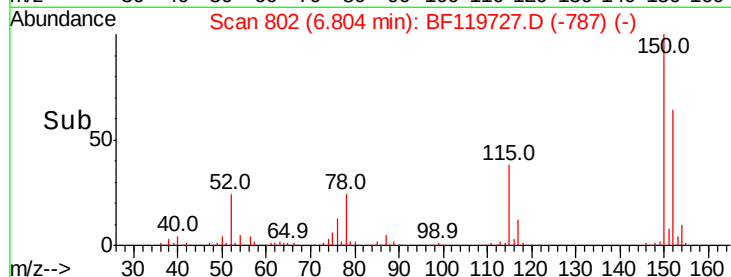
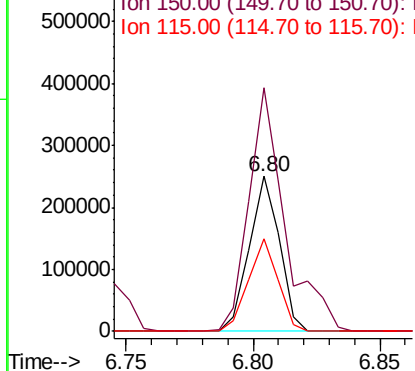


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

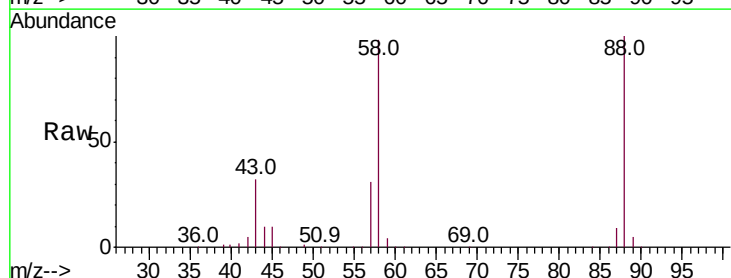
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.397 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.3	80.6	121.0
43	32.9	27.5	41.3

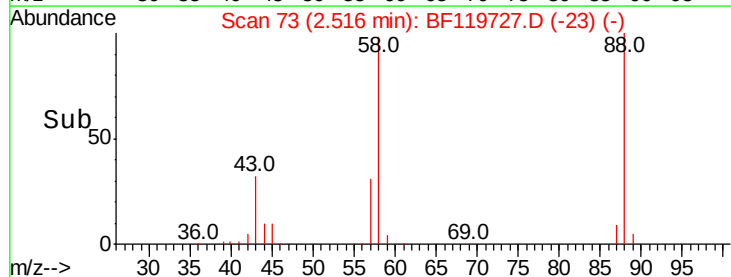
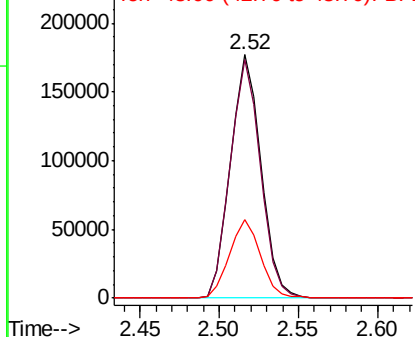


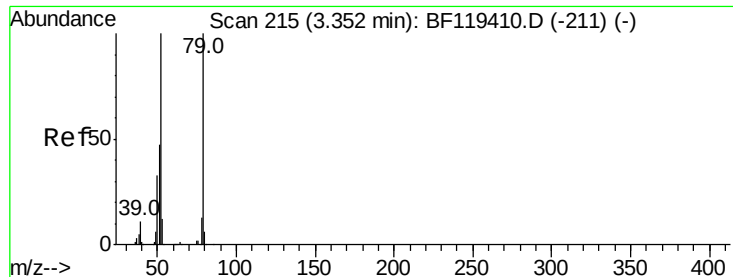
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.454 ng

RT: 3.25 min Scan# 197

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

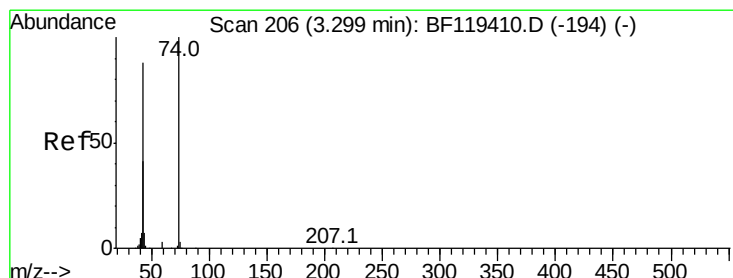
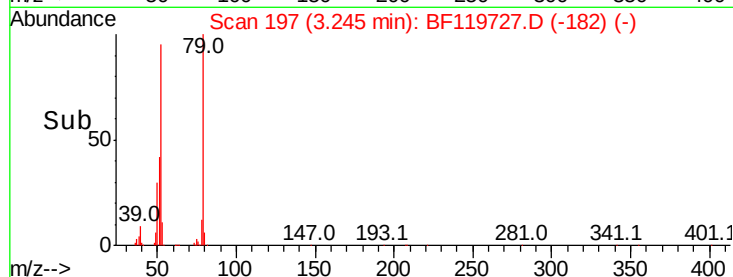
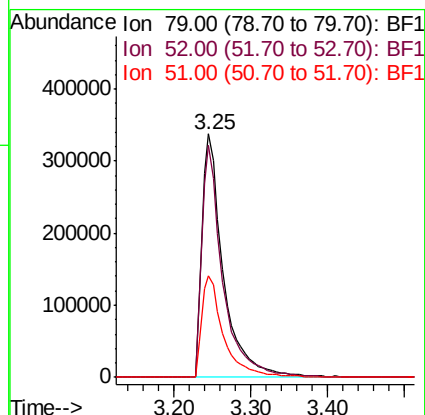
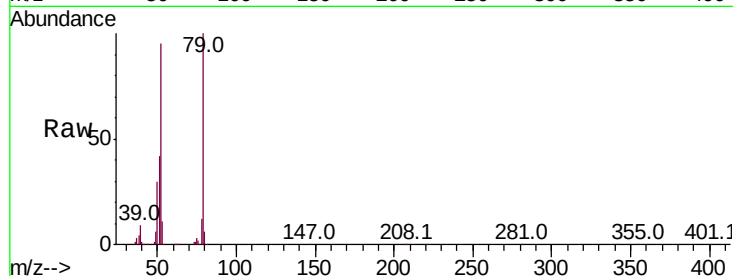
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	649221
Ion	Ratio	Lower	Upper
79	100		
52	95.1	80.2	120.2
51	42.0	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 33.279 ng

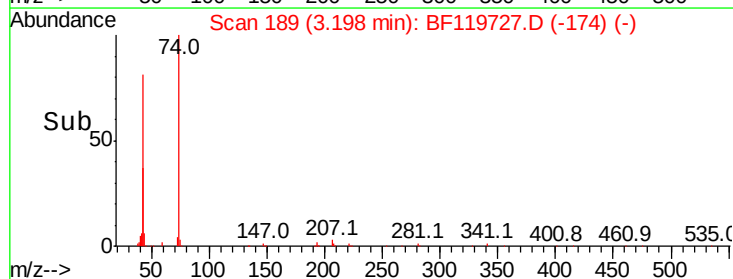
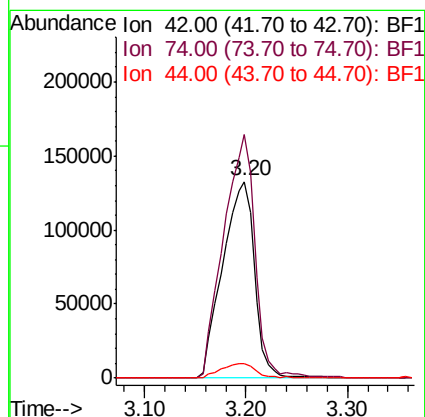
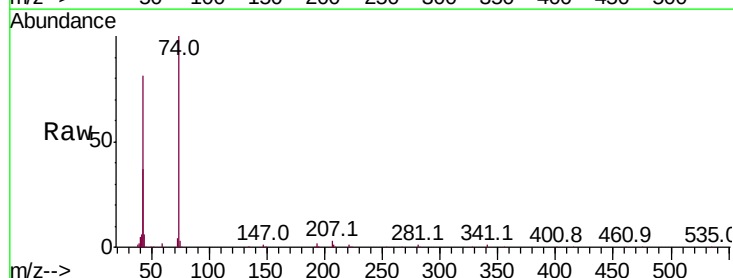
RT: 3.20 min Scan# 189

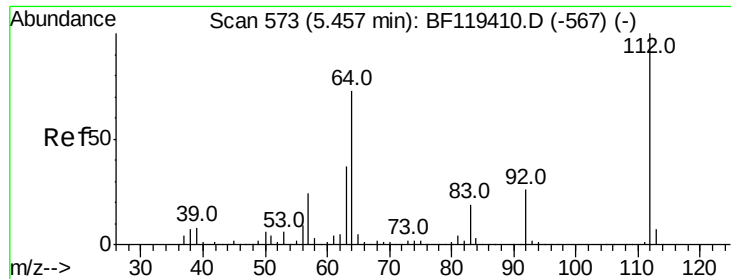
Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Tgt Ion:	42	Resp:	289021
Ion	Ratio	Lower	Upper
42	100		
74	123.7	91.5	137.3
44	7.4	6.2	9.4





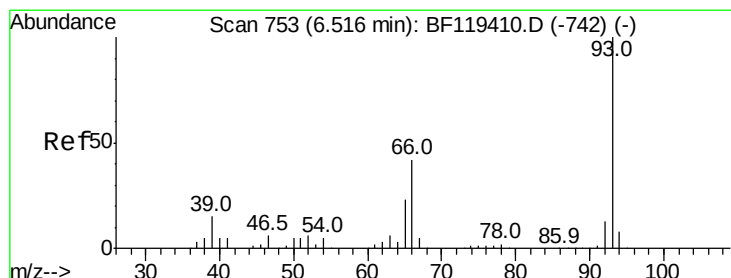
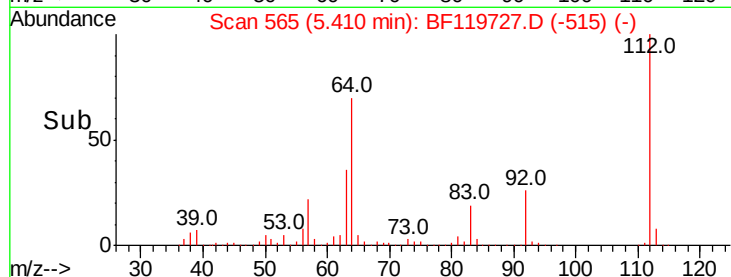
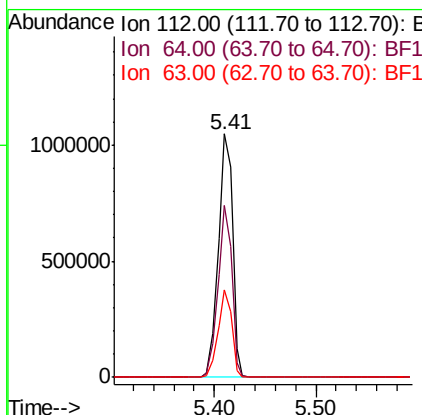
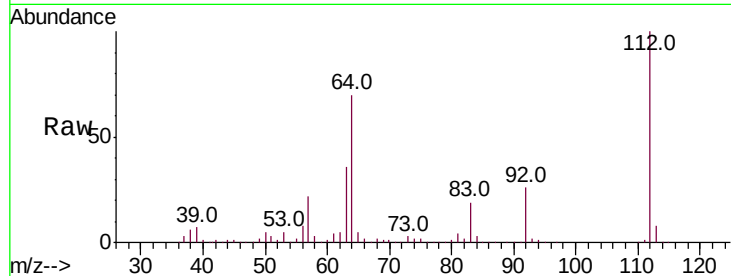
#5
 2-Fluorophenol
 Concen: 78.420 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	112	Resp:	1026426
Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.7	85.1
63	35.7	29.5	44.3

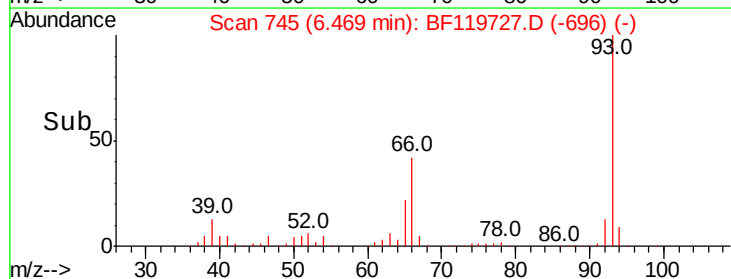
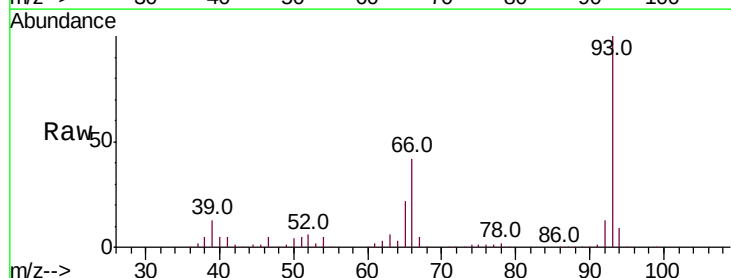
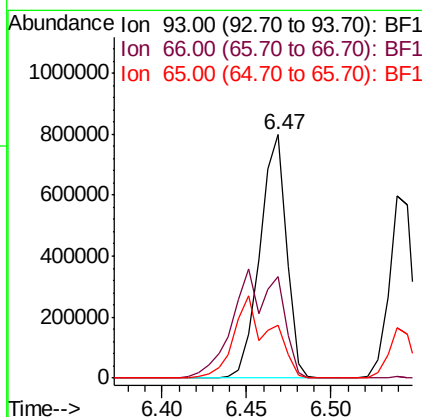
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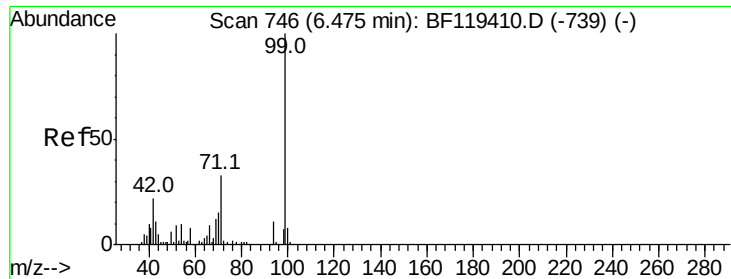
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#6
 Aniline
 Concen: 37.932 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Tgt Ion:	93	Resp:	875314
Ion	Ratio	Lower	Upper
93	100		
66	41.8	34.9	52.3
65	21.7	18.6	27.8





#7

Phenol-d6

Concen: 78.653 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1315080

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

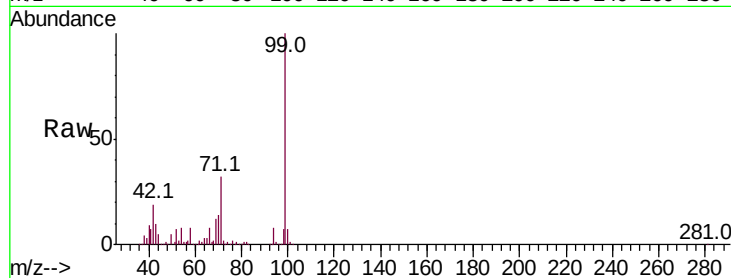
71 31.7 26.4 39.6

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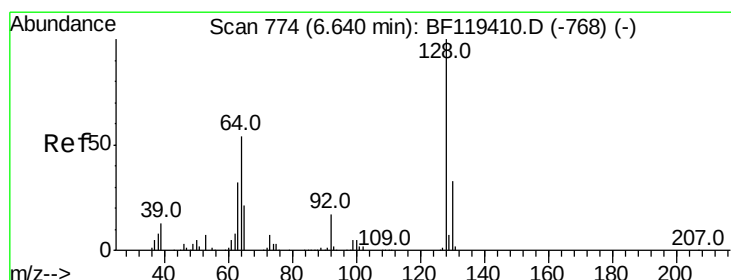
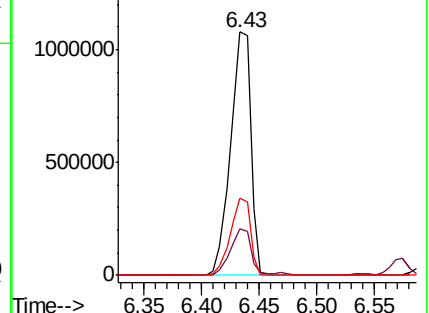
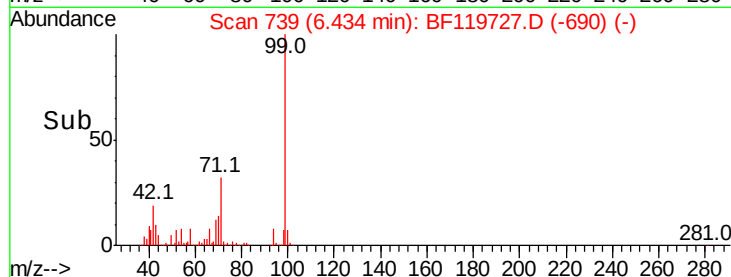
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.452 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

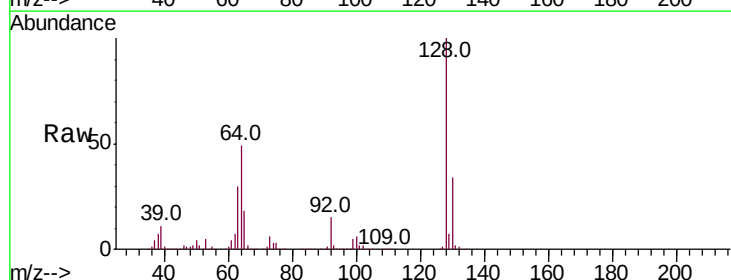
Tgt Ion:128 Resp: 556089

Ion Ratio Lower Upper

128 100

130 33.8 12.6 52.6

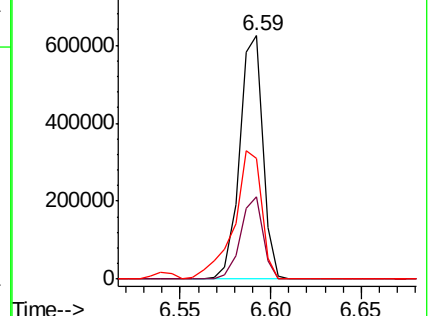
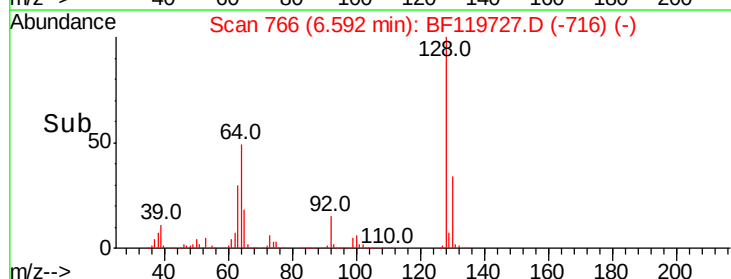
64 49.4 35.3 75.3

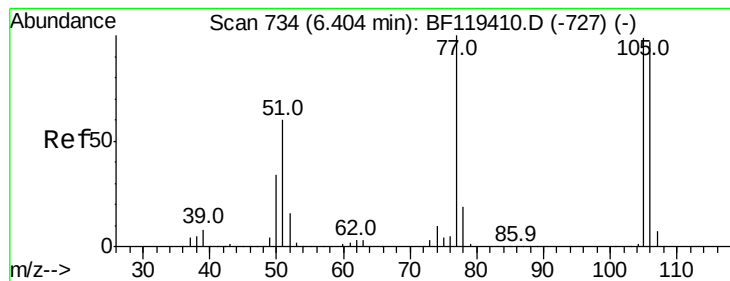


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.514 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

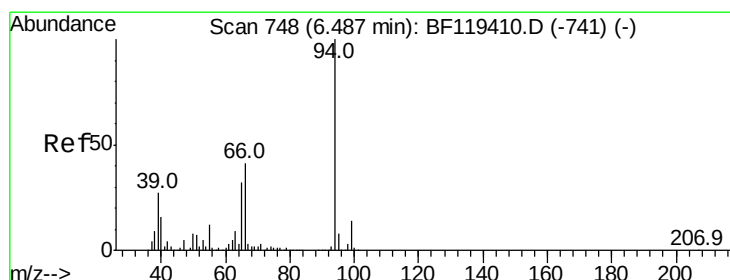
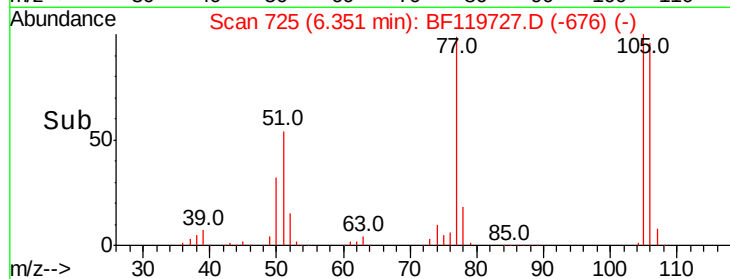
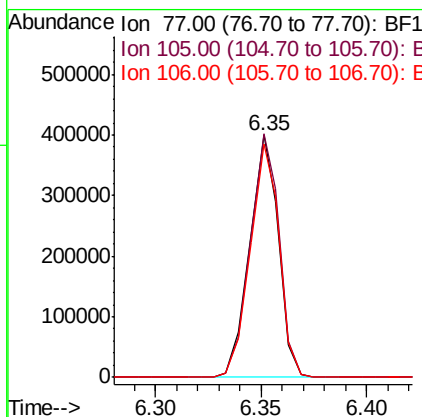
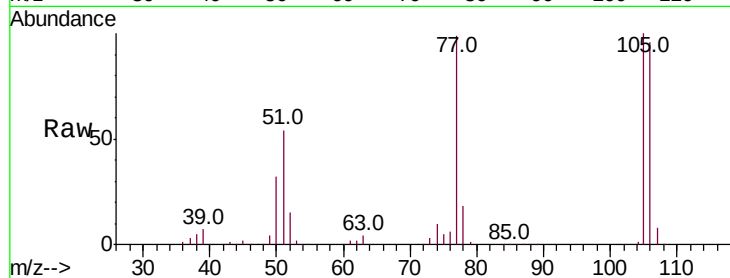
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	376681
Ion Ratio	Lower	Upper	
77	100		
105	100.6	80.9	120.9
106	96.3	77.9	117.9

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#10

Phenol

Concen: 42.019 ng

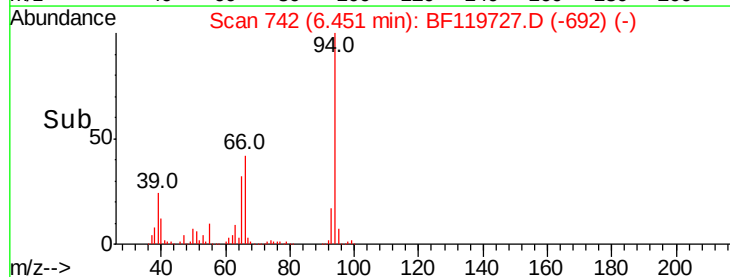
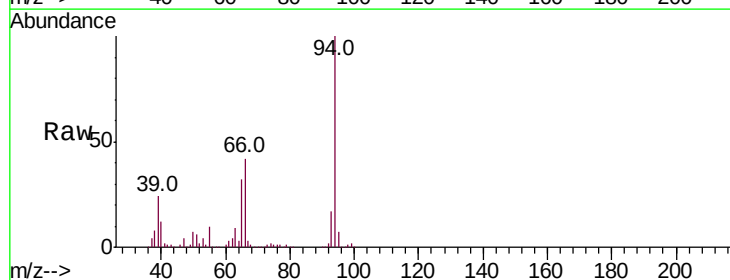
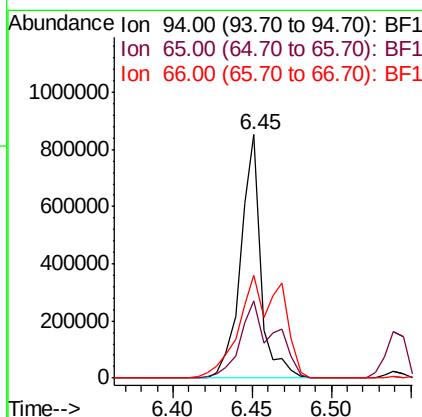
RT: 6.45 min Scan# 742

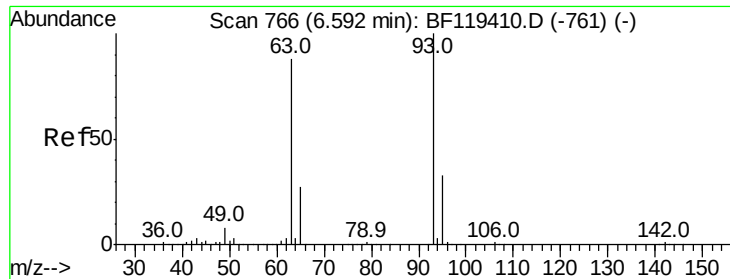
Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Tgt Ion:	94	Resp:	749644
Ion Ratio	Lower	Upper	
94	100		
65	31.9	13.2	53.2
66	42.3	22.3	62.3





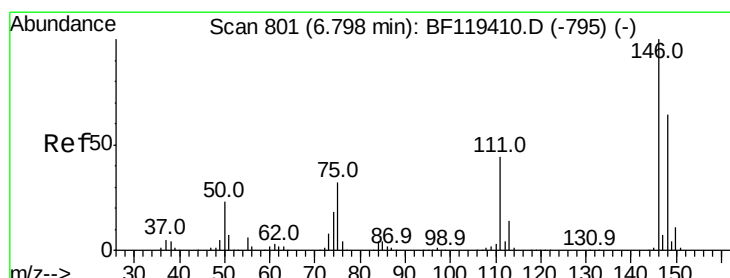
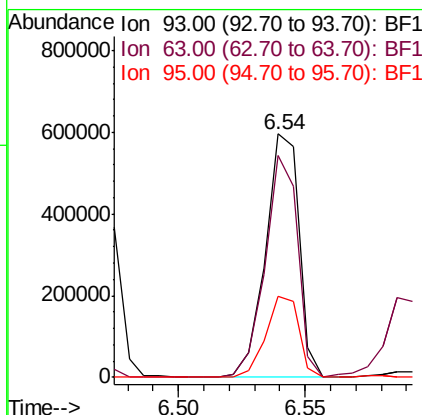
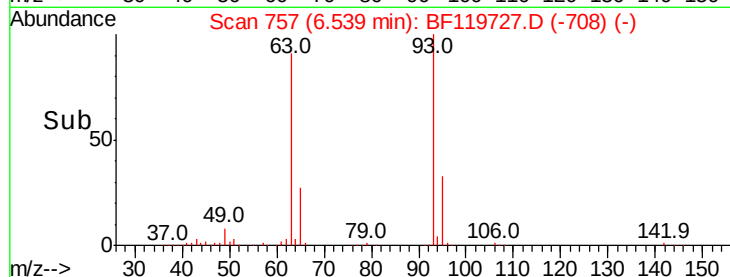
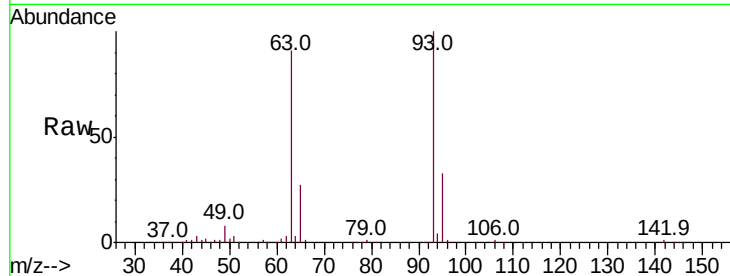
#11
bis(2-Chloroethyl)ether
Concen: 38.781 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	553353
Ion	Ratio	Lower	Upper
93	100		
63	91.3	70.2	110.2
95	33.2	13.4	53.4

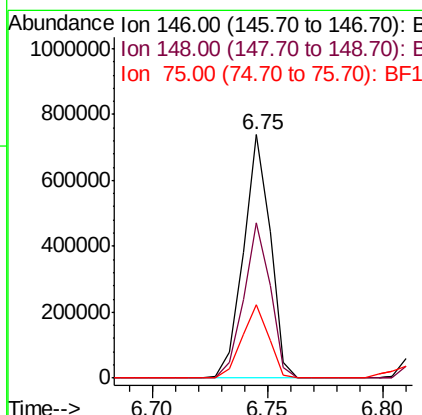
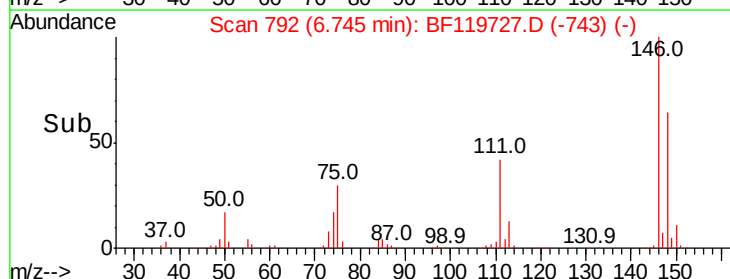
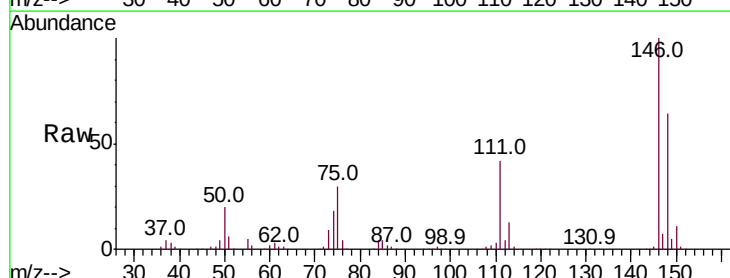
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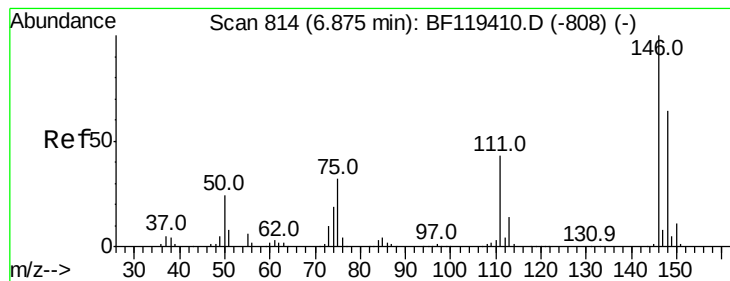
mohammad
4/6/2020 1:38:53 PM



#12
1,3-Dichlorobenzene
Concen: 40.343 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion:	146	Resp:	600246
Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
75	30.0	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 40.009 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

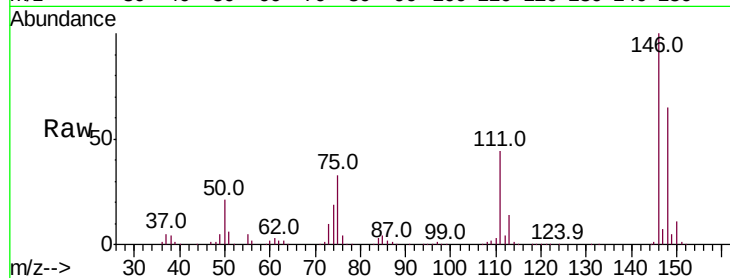
ClientSampleId :

SSTDCCC040EC

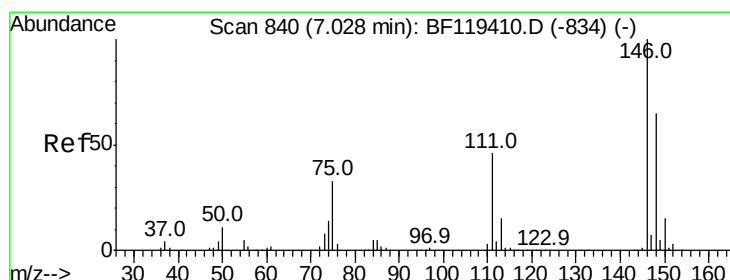
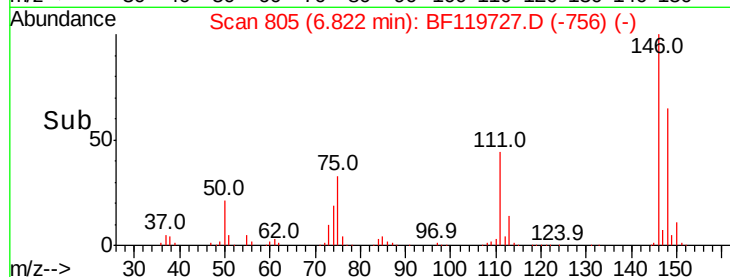
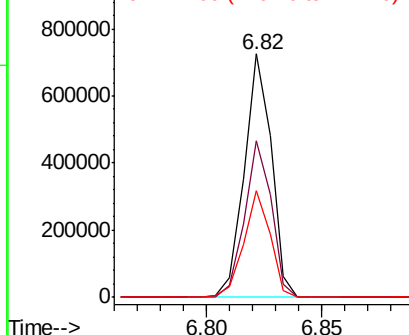
Tot Ion:	146	Resp:	595422
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.5	77.3
111	43.8	33.3	49.9

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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: 41.077 ng

RT: 6.97 min Scan# 831

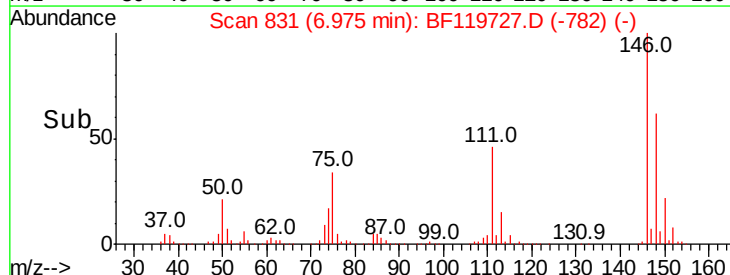
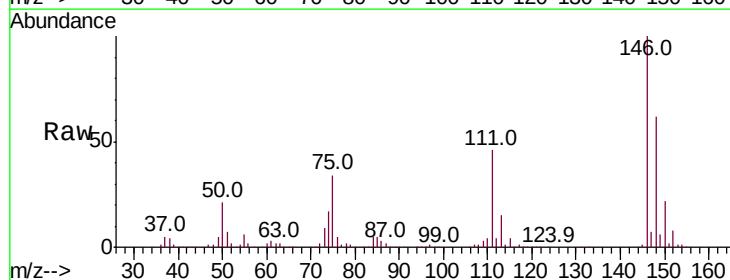
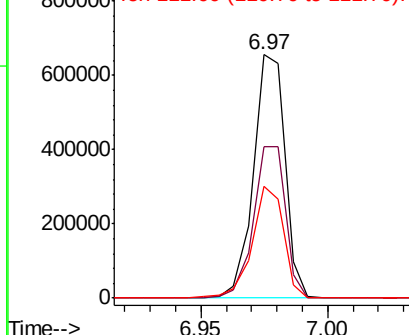
Delta R.T. -0.01 min

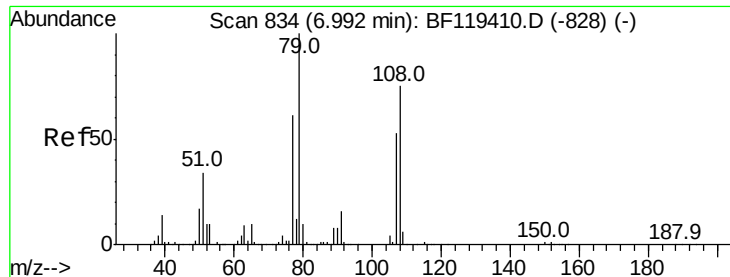
Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Tgt Ion:	146	Resp:	571400
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.6	75.8
111	46.0	36.1	54.1

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: 38.611 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

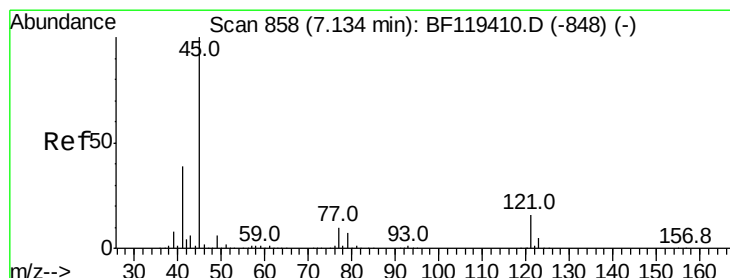
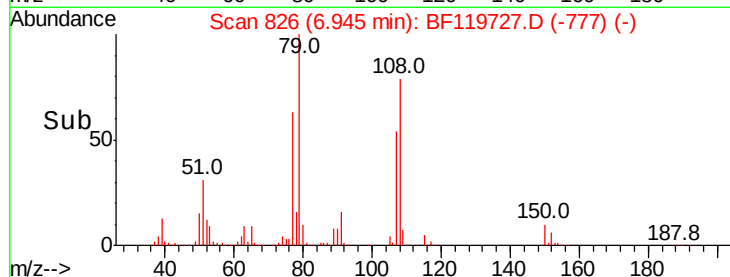
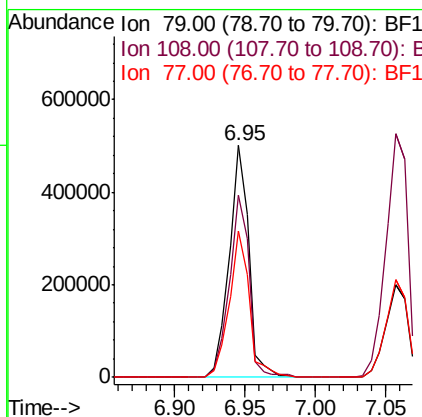
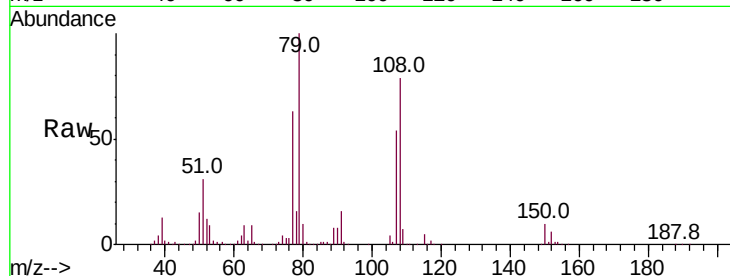
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	485618
Ion Ratio	Lower	Upper	
79	100		
108	78.5	60.6	90.8
77	62.9	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.402 ng

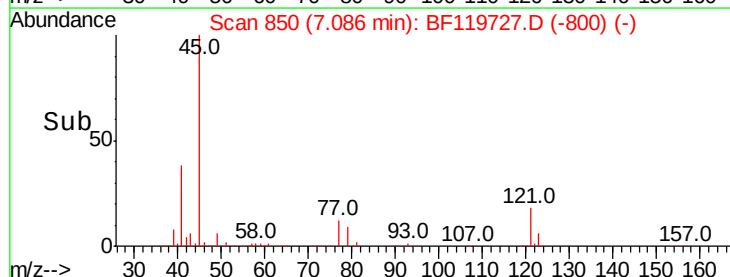
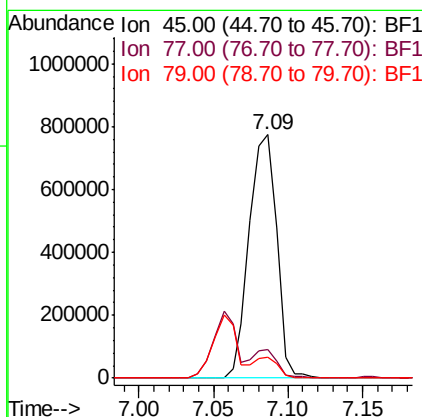
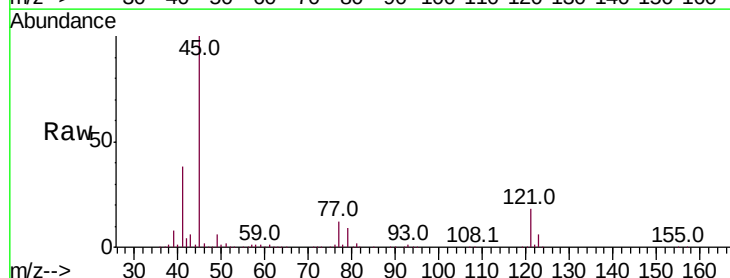
RT: 7.09 min Scan# 850

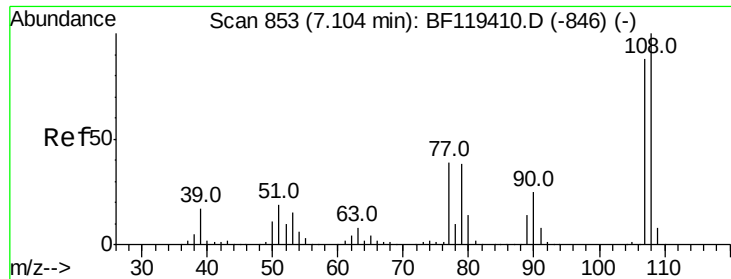
Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Tgt Ion:	45	Resp:	990131
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	30.7
79	8.6	0.0	28.2





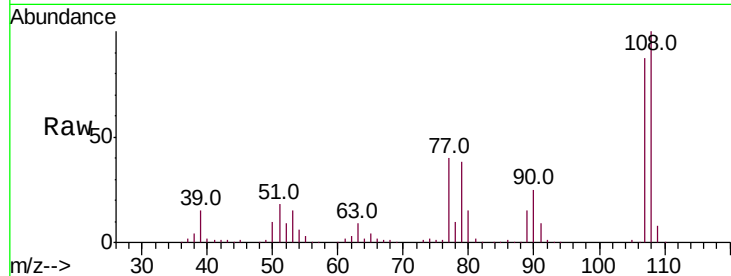
#17
2-Methylphenol
Concen: 39.357 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	495710		
108	114.9	92.2	138.4	
77	46.2	36.6	54.8	
79	43.8	36.2	54.4	

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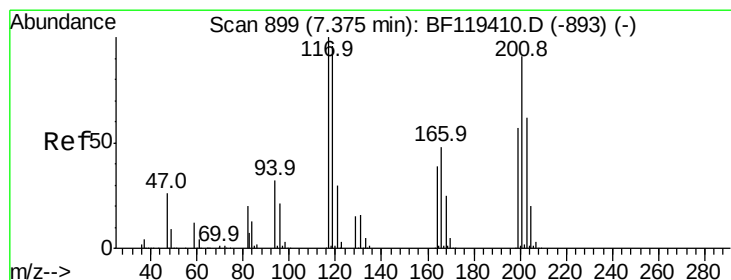
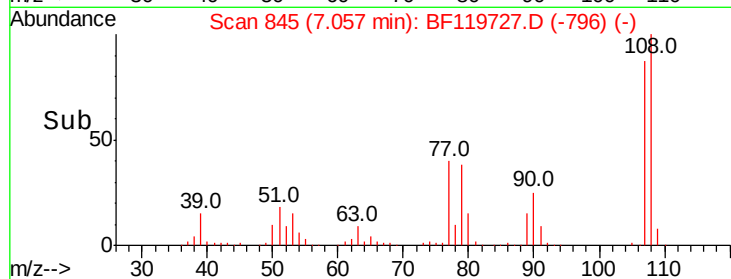
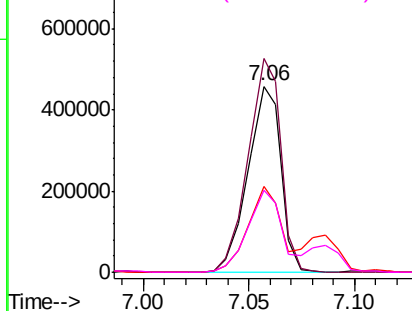
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

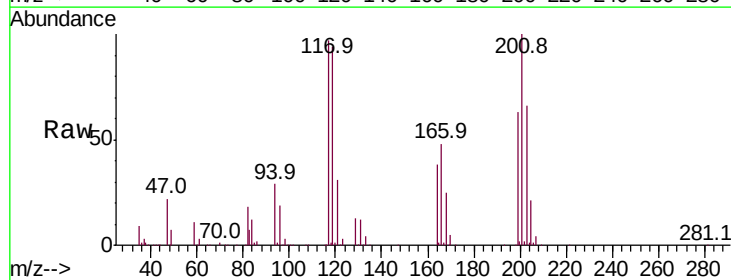
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.940 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	217827		
119	96.9	76.1	114.1	
201	103.0	73.0	109.6	

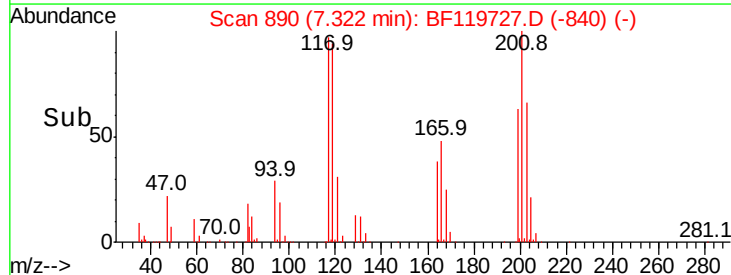
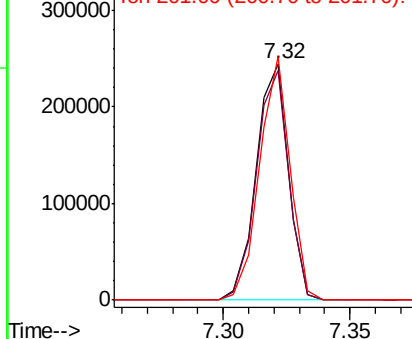


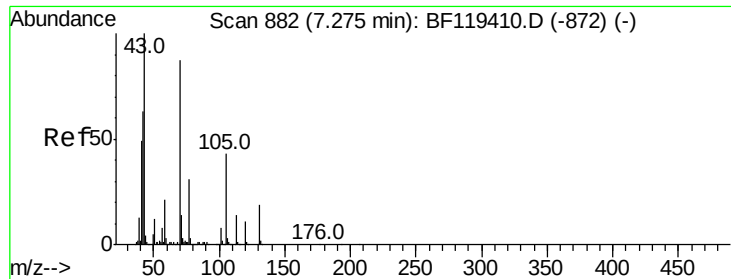
Abundance

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





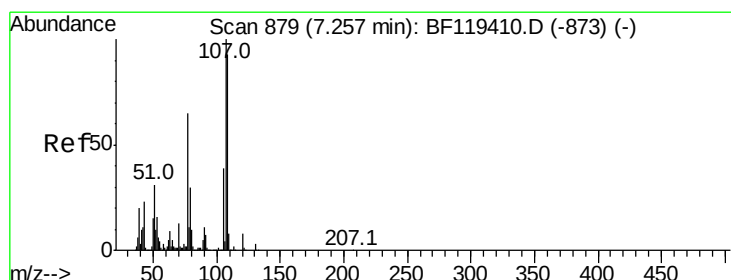
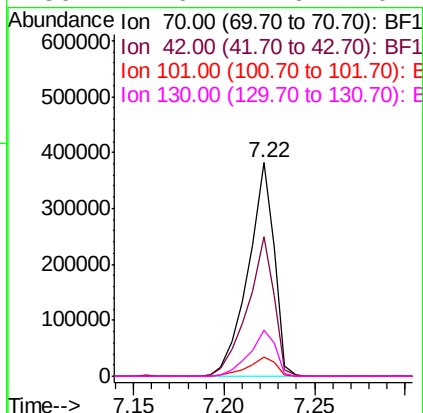
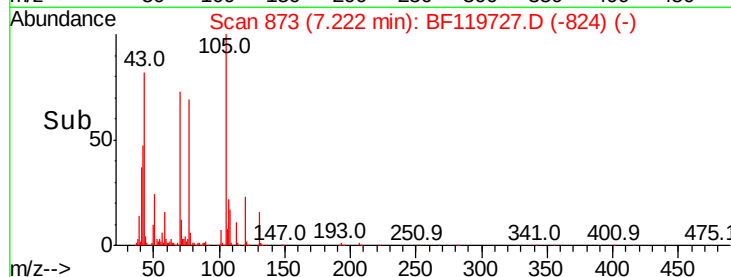
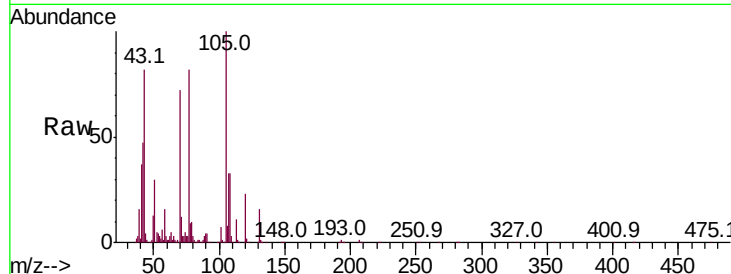
#19
n-Nitroso-di-n-propylamine
Concen: 37.897 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.1	54.5	81.7
101	9.3	7.6	11.4
130	21.6	17.6	26.4

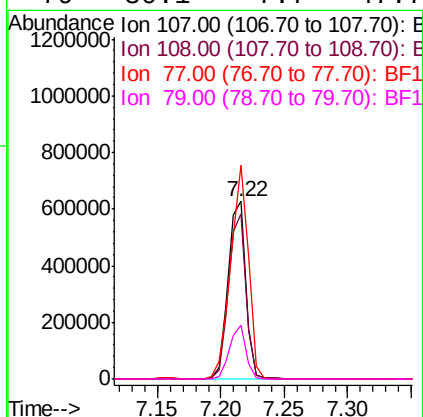
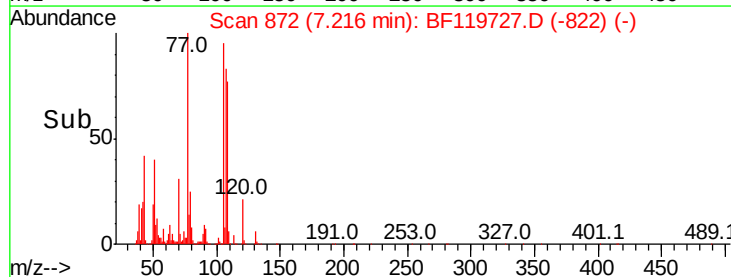
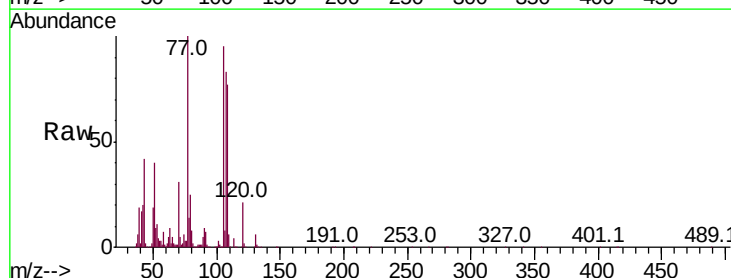
Manual Integrations
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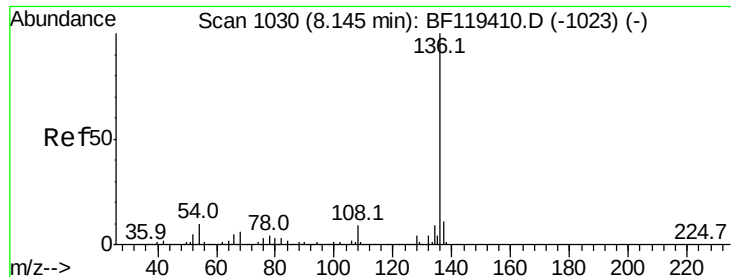
mohammad
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#20
3+4-Methylphenols
Concen: 39.027 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	67.9	107.9
77	120.4	52.9	92.9#
79	30.1	7.7	47.7





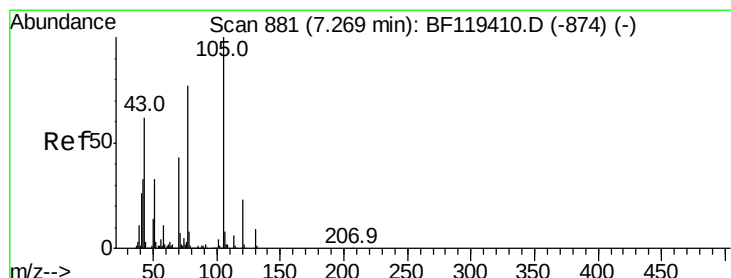
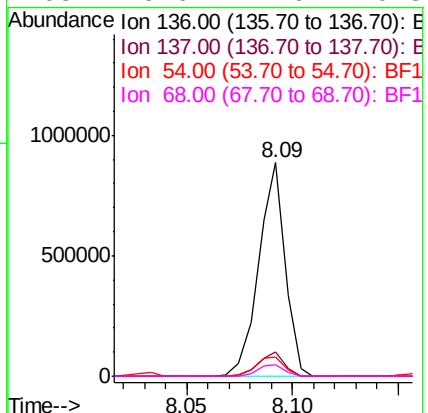
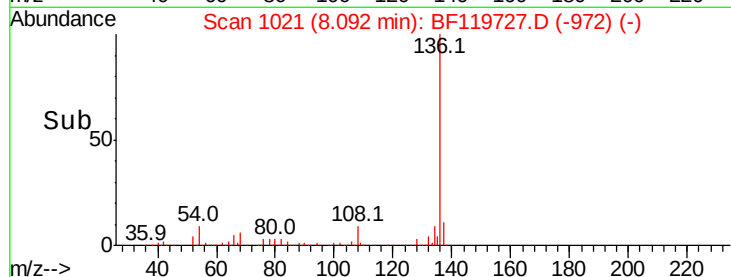
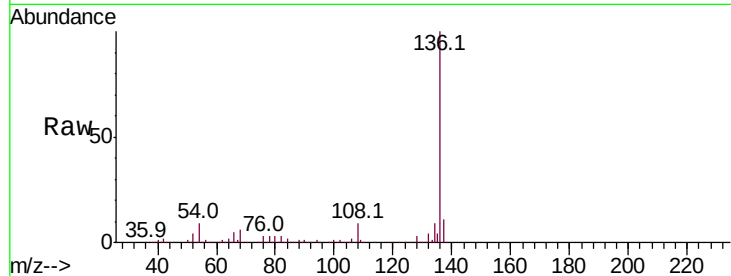
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.7	13.1	
54	9.2	9.1	13.7	
68	5.6	4.6	6.8	

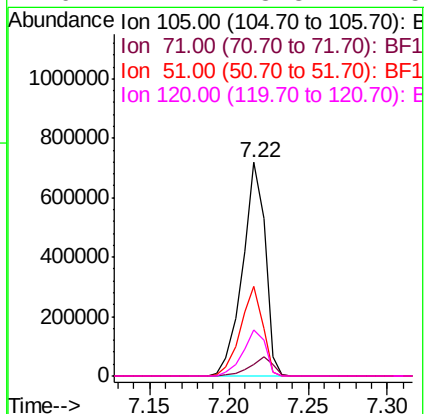
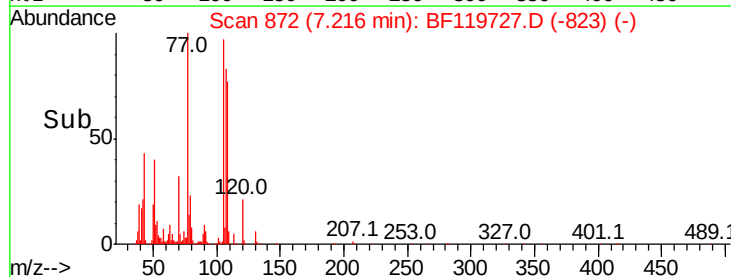
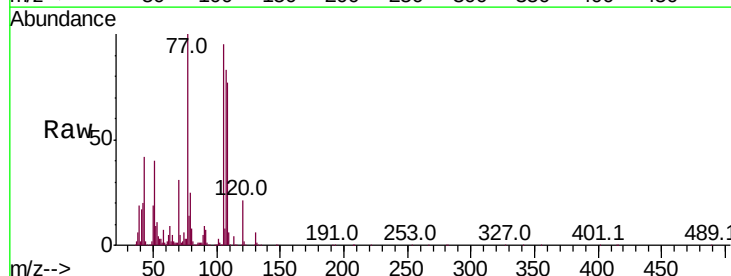
Manual Integrations
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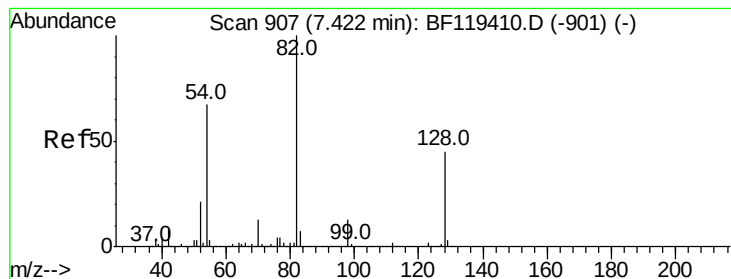
mohammad
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#22
Acetophenone
Concen: 38.328 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.4	5.7	8.5#	
51	42.2	26.2	39.4#	
120	21.7	18.3	27.5	





#23

Nitrobenzene-d5

Concen: 81.508 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1155640

Ion Ratio Lower Upper

82 100

128 48.6 36.3 54.5

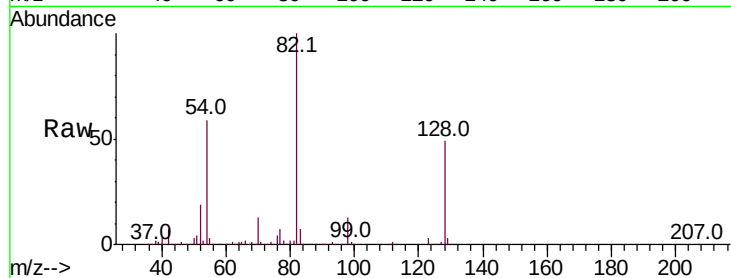
54 59.2 50.6 75.8

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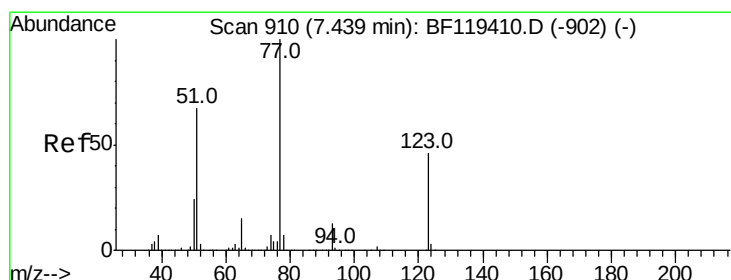
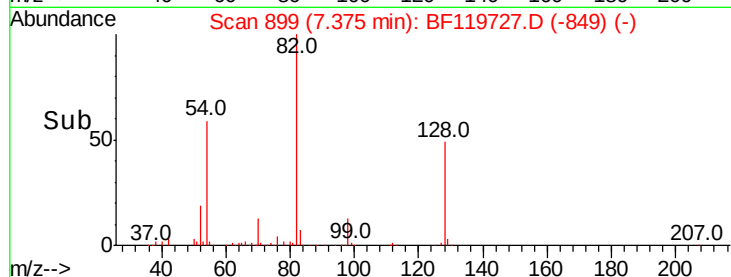
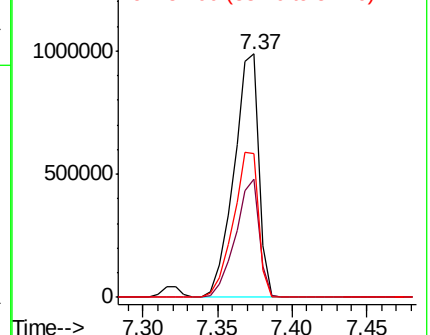
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.644 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

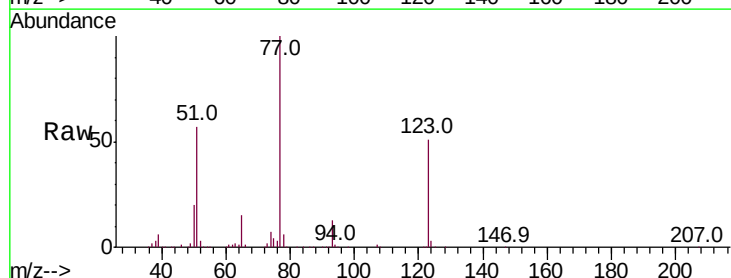
Tgt Ion: 77 Resp: 600694

Ion Ratio Lower Upper

77 100

123 51.4 38.0 57.0

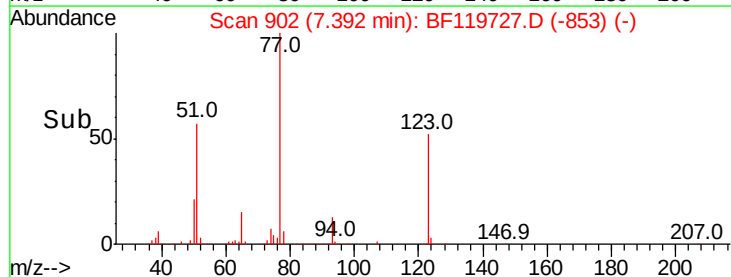
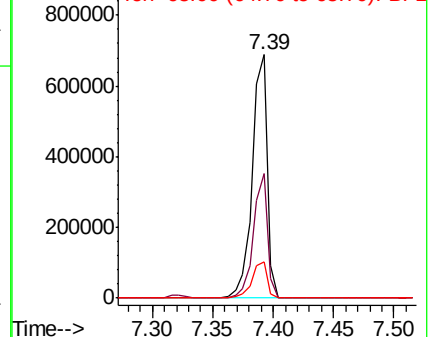
65 14.8 12.6 18.8

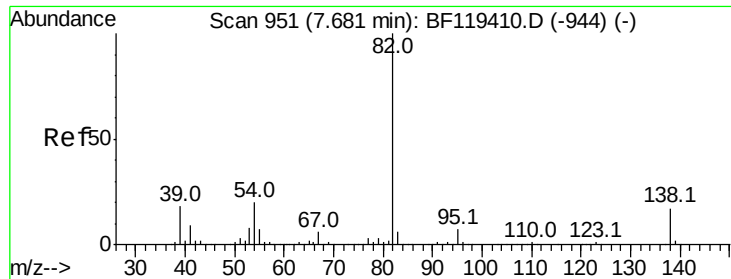


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.820 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1087727

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

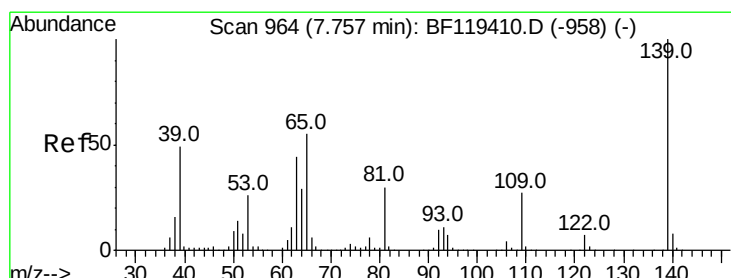
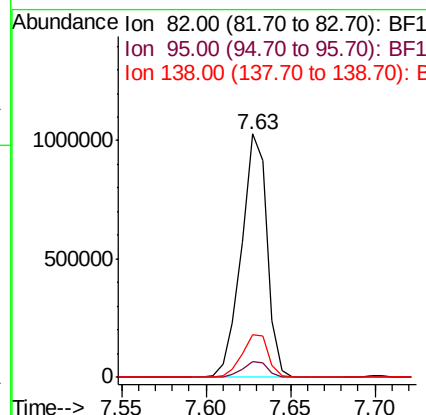
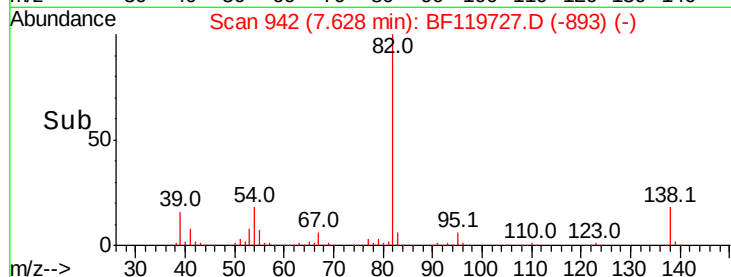
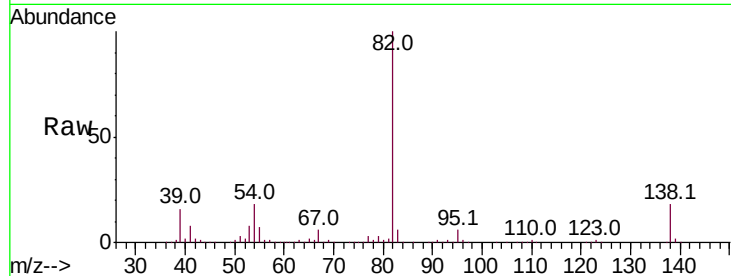
138 17.5 14.6 21.8

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#26

2-Nitrophenol

Concen: 50.070 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

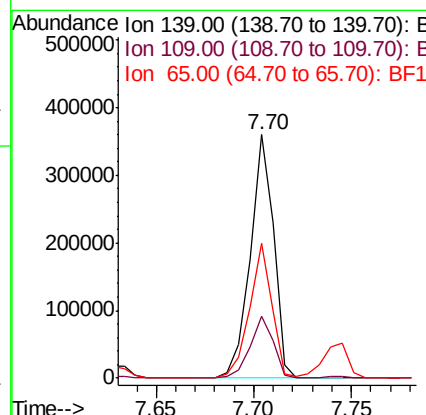
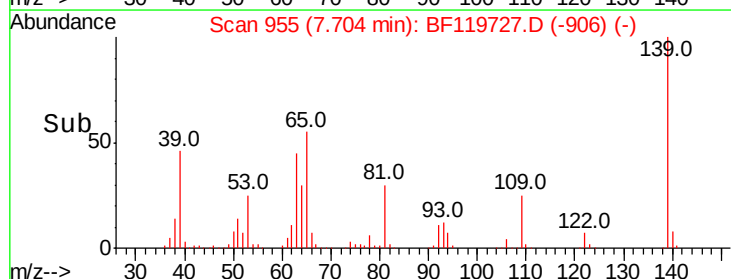
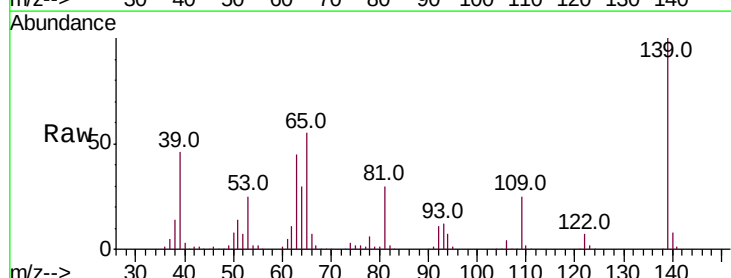
Tgt Ion: 139 Resp: 298717

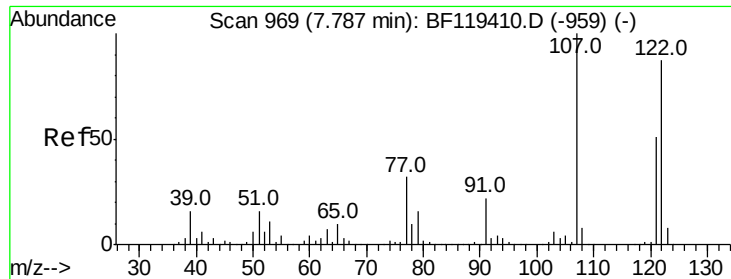
Ion Ratio Lower Upper

139 100

109 25.2 22.1 33.1

65 55.5 49.2 73.8





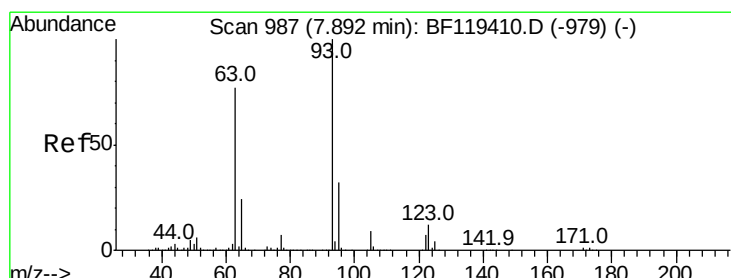
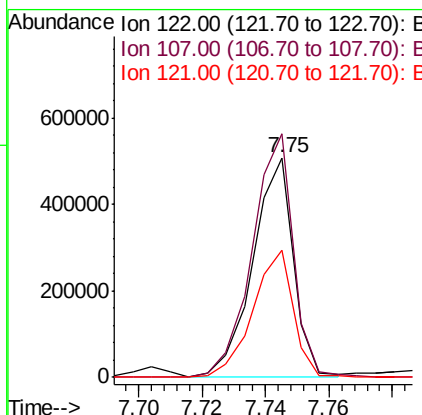
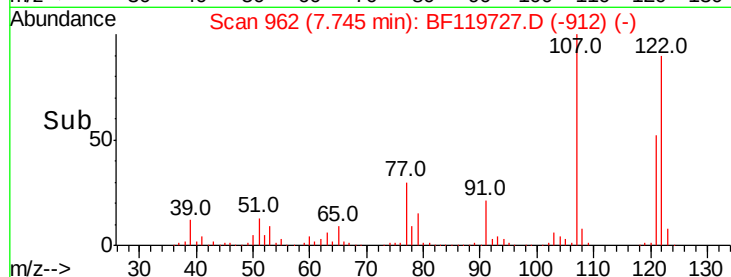
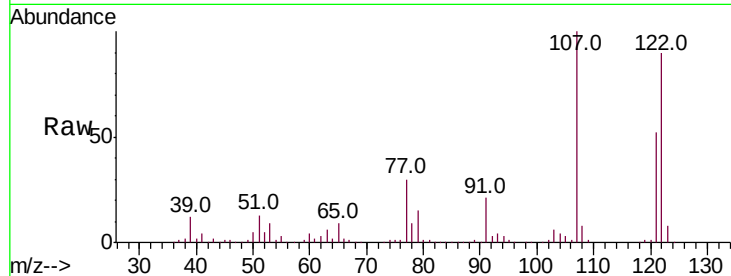
#27
2,4-Dimethylphenol
Concen: 36.547 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	89.0	133.6
121	57.6	46.7	70.1

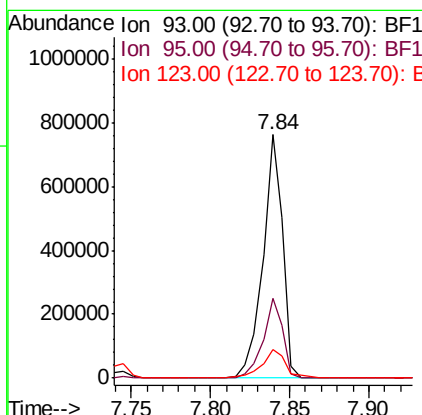
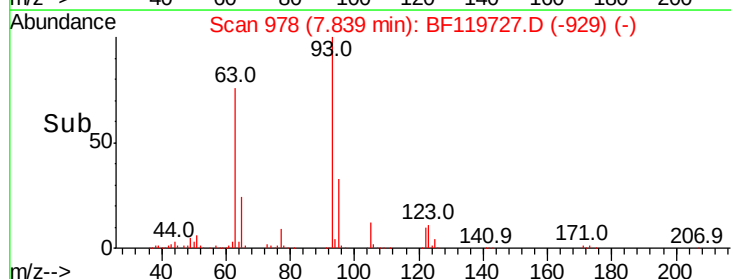
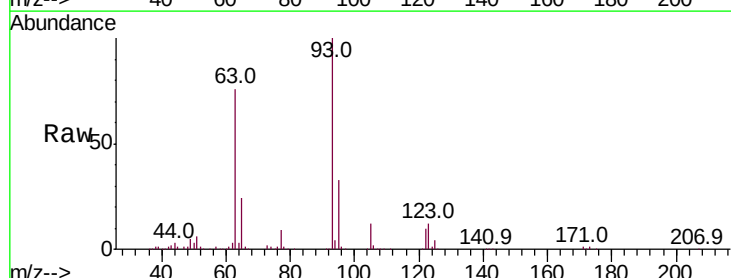
Manual Integrations
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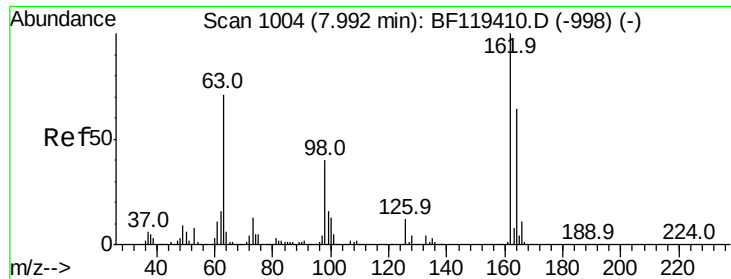
mohammad
4/6/2020 1:38:53 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.044 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.6	9.7	14.5





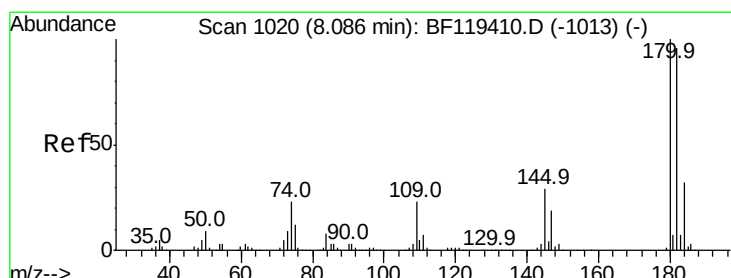
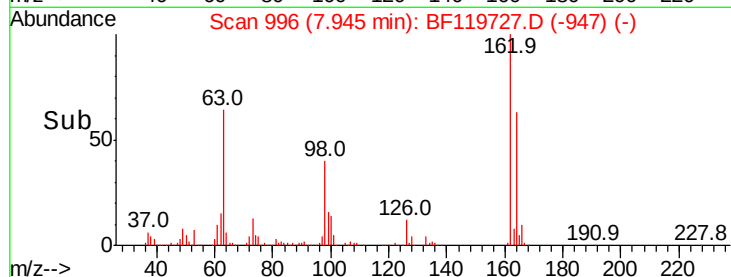
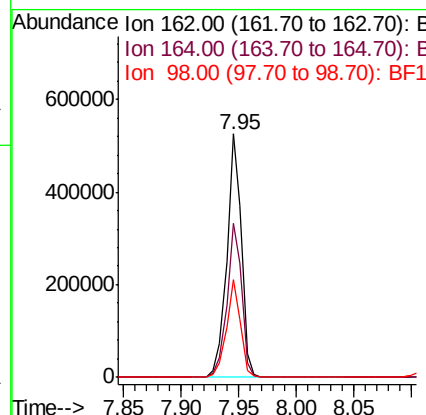
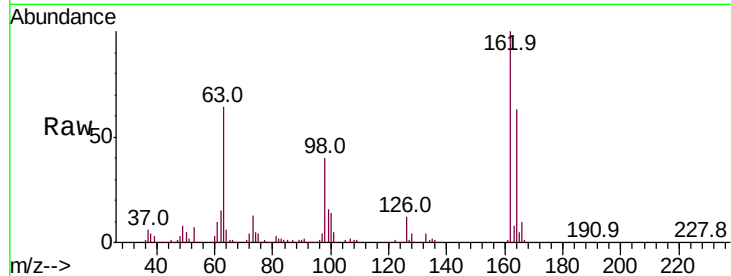
#29
2,4-Dichlorophenol
Concen: 40.629 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	460529		
164	63.2		44.7	84.7
98	40.2		20.7	60.7

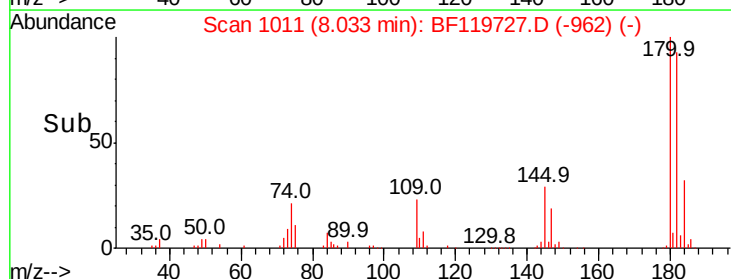
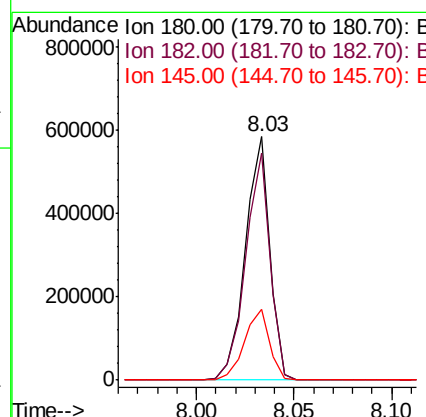
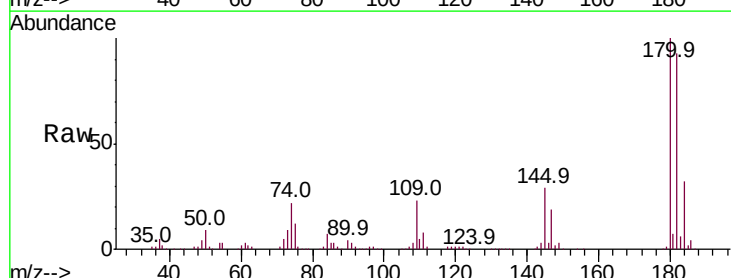
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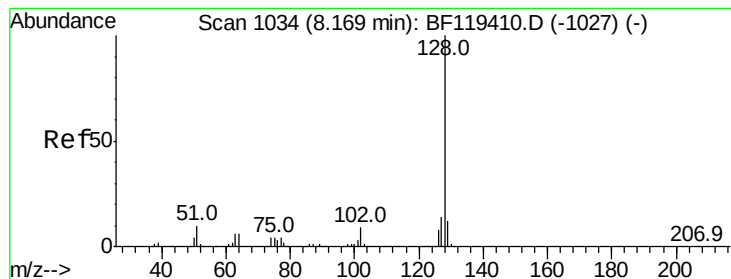
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#30
1,2,4-Trichlorobenzene
Concen: 40.481 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	507440		
182	93.1		74.7	112.1
145	29.3		24.5	36.7





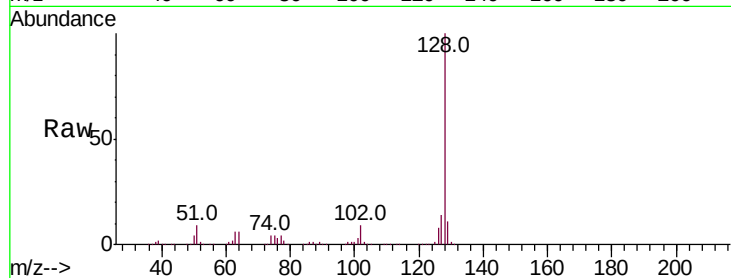
#31
Naphthalene
Concen: 40.380 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

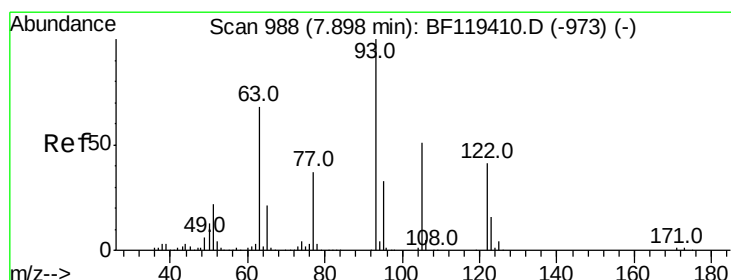
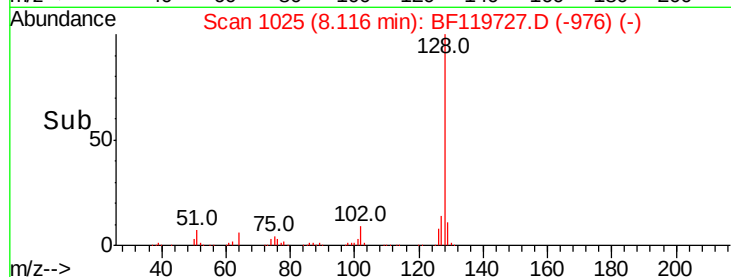
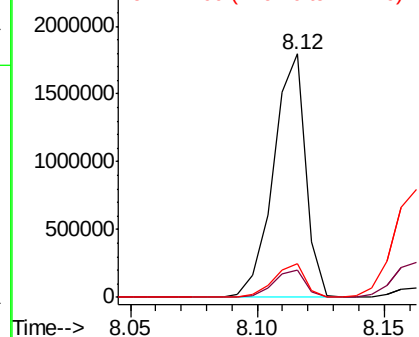
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.6	11.3	16.9

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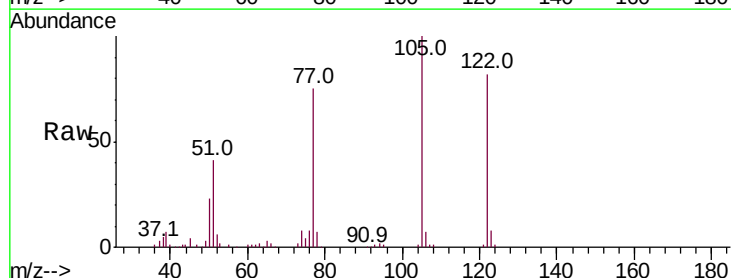


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

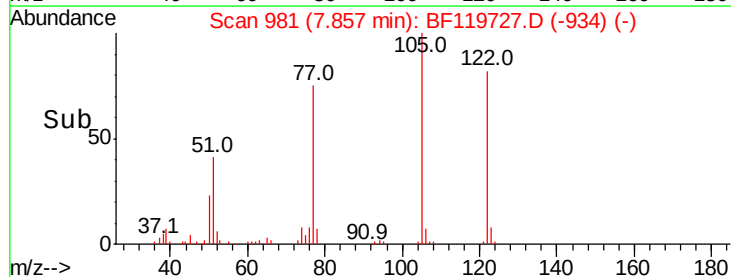
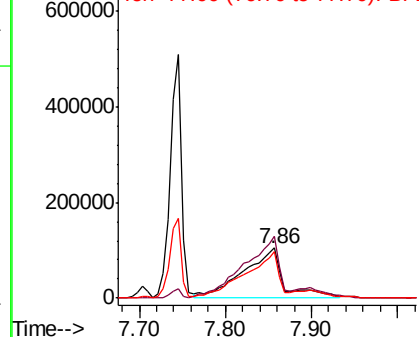


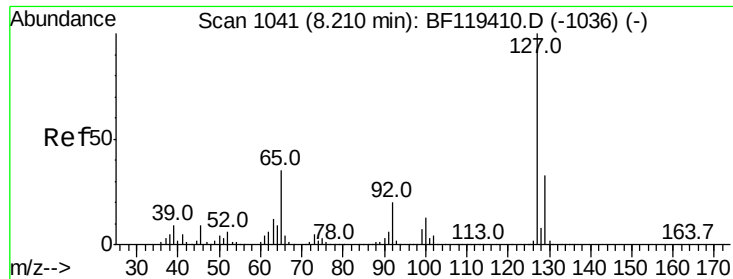
#32
Benzoic acid
Concen: 42.924 ng m
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	104.9	144.9
77	91.4	74.4	114.4



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





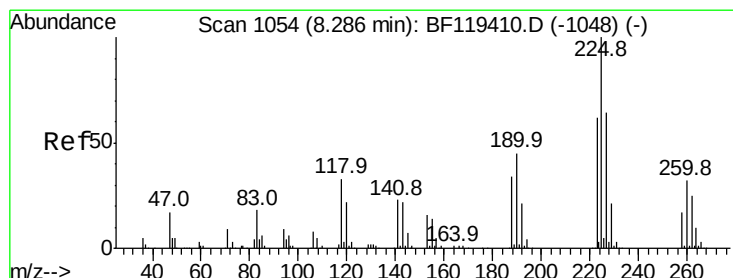
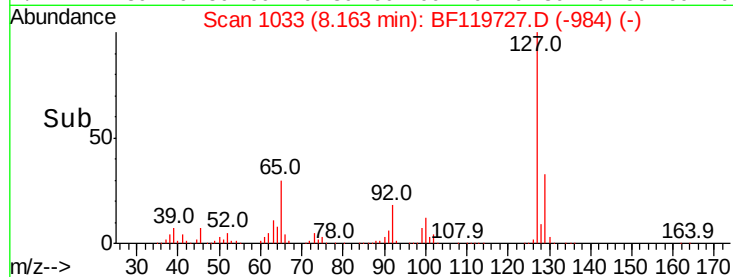
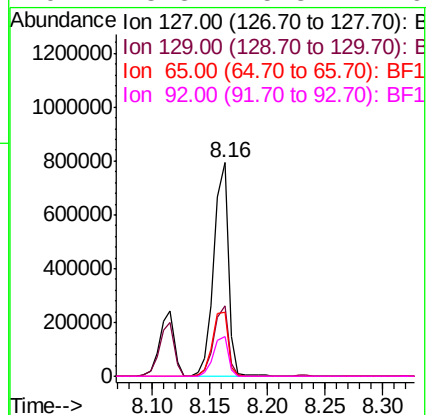
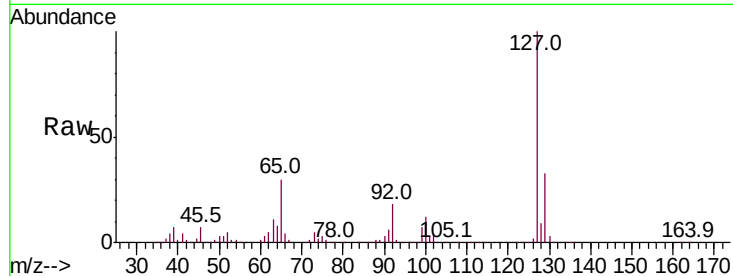
#33
4-Chloroaniline
Concen: 38.667 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.2	39.4		
65	30.1	27.4	41.0		
92	18.3	15.3	22.9		

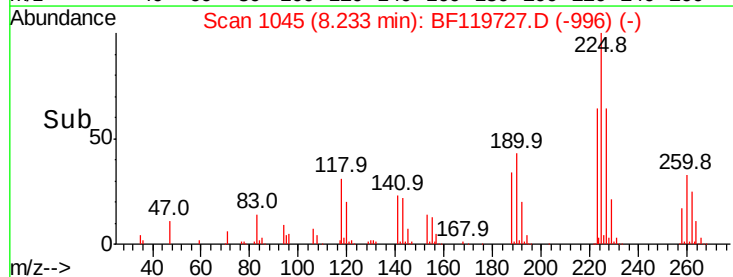
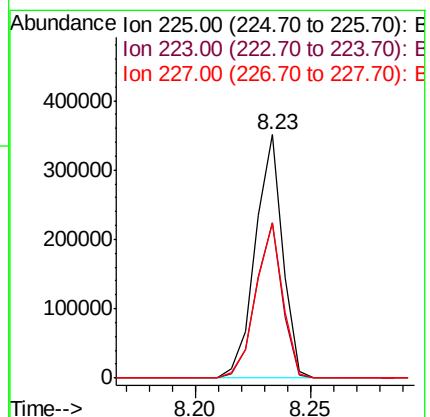
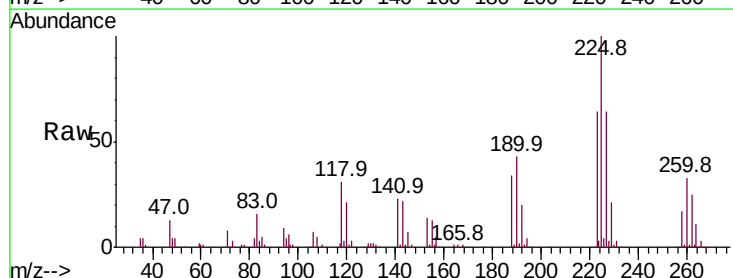
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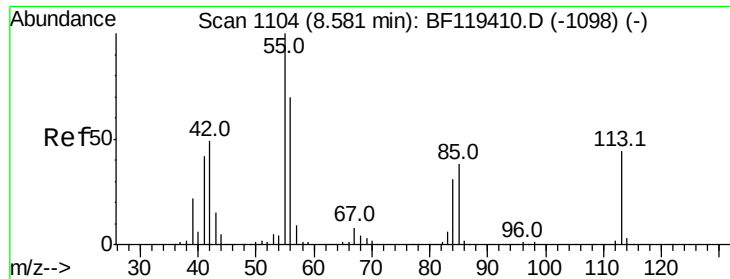
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#34
Hexachlorobutadiene
Concen: 41.262 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	51.0	76.6		
227	64.0	50.7	76.1		





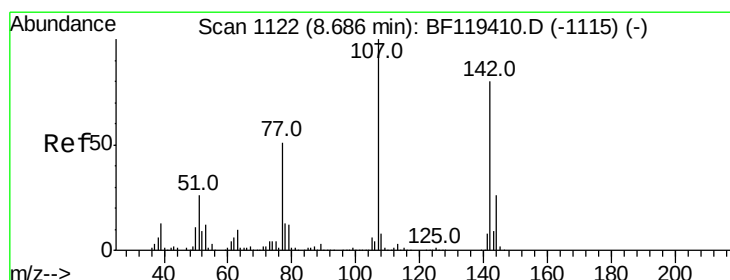
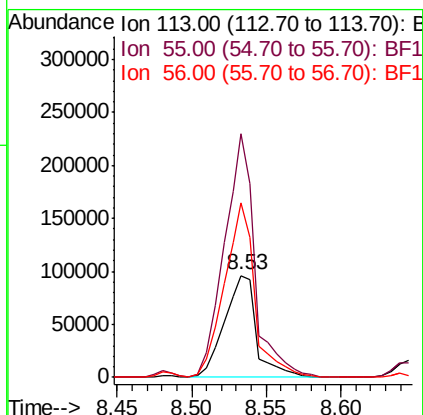
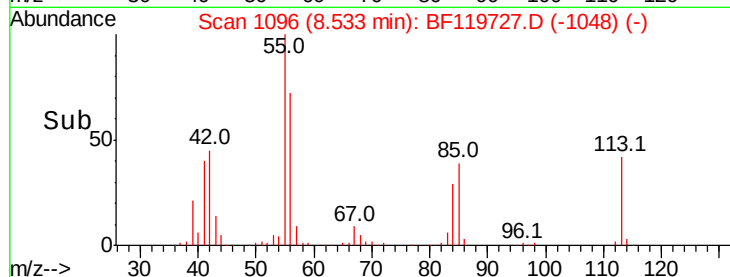
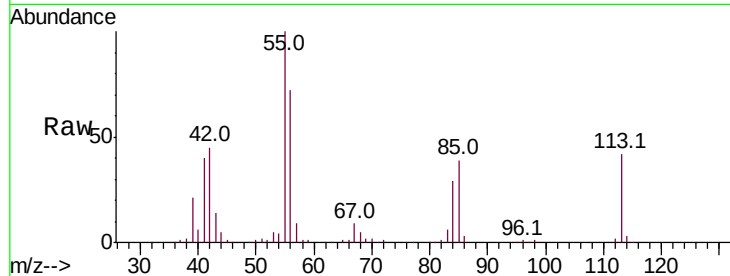
#35
 Caprolactam
 Concen: 39.102 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	239.1	218.4	258.4
56	171.3	148.9	188.9

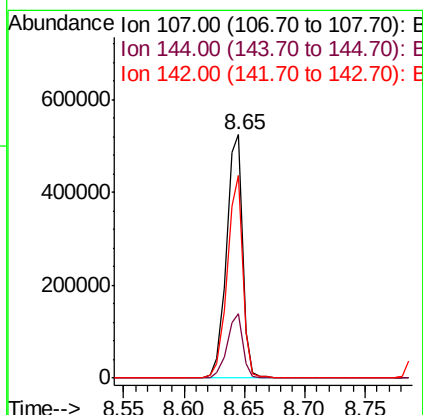
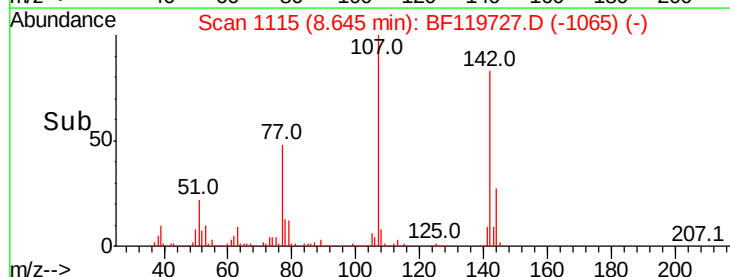
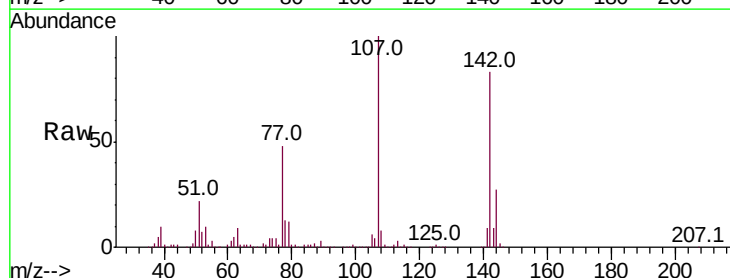
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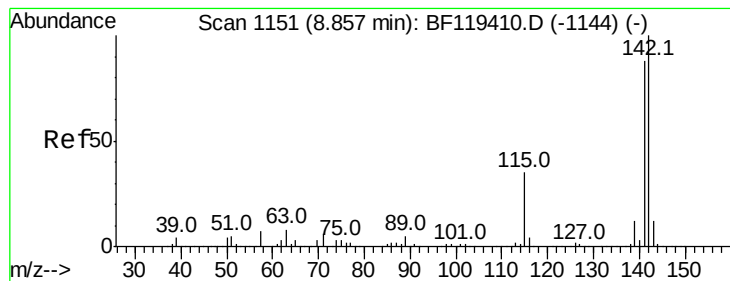
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 39.224 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.0	31.6
142	83.0	64.4	96.6





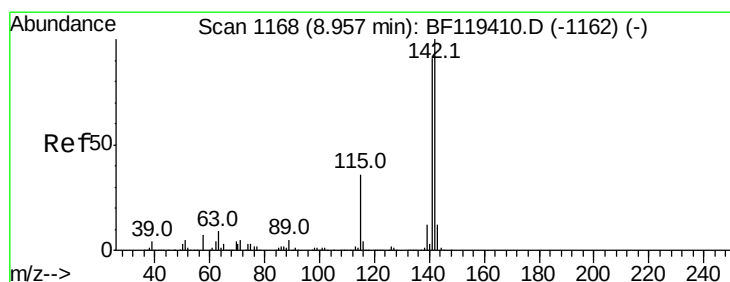
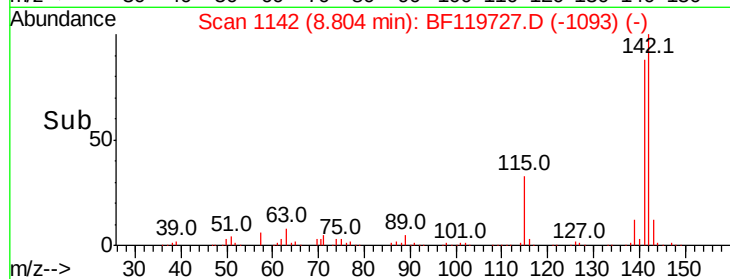
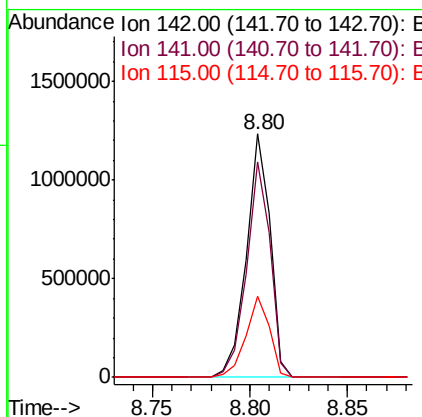
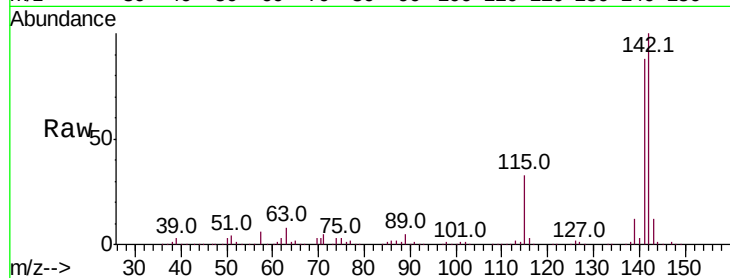
#37
2-Methylnaphthalene
Concen: 40.051 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.7	107.5
115	33.3	27.9	41.9

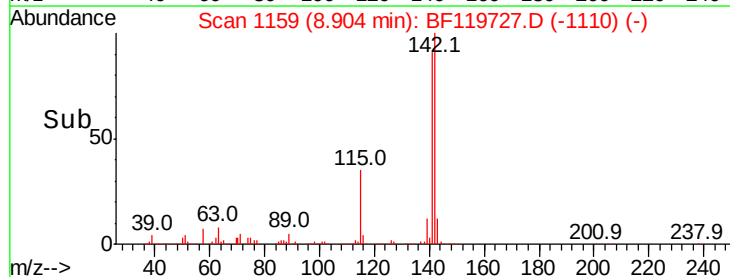
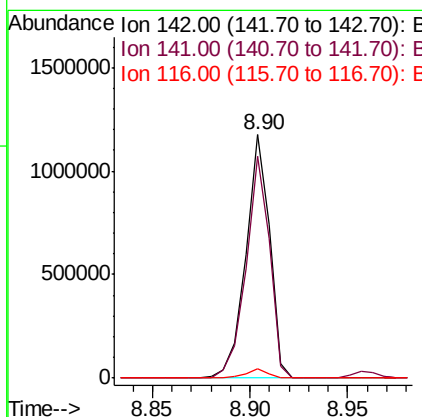
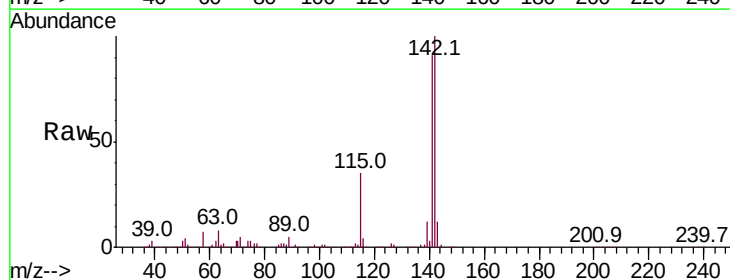
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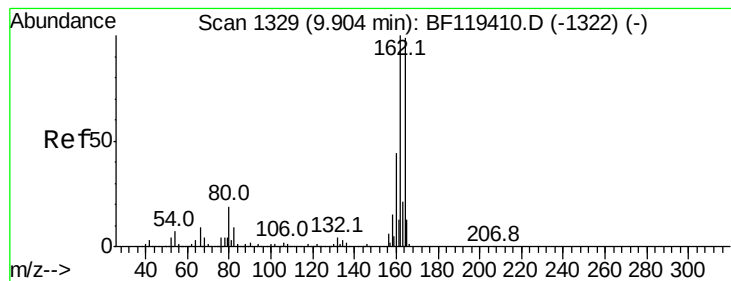
mohammad
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#38
1-Methylnaphthalene
Concen: 40.135 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.7	110.5
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

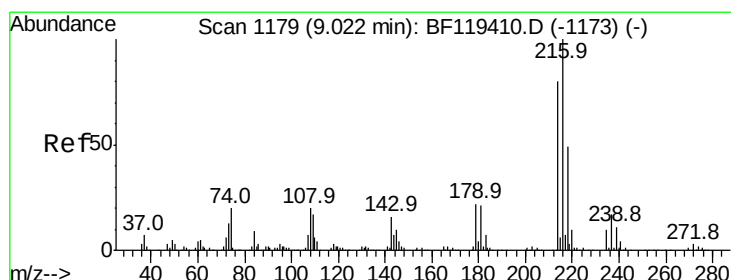
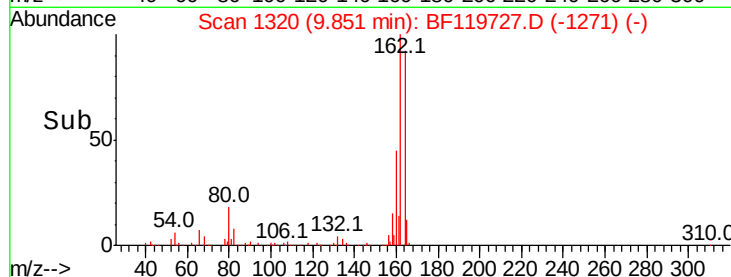
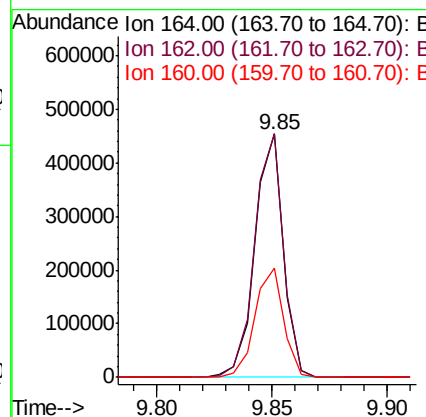
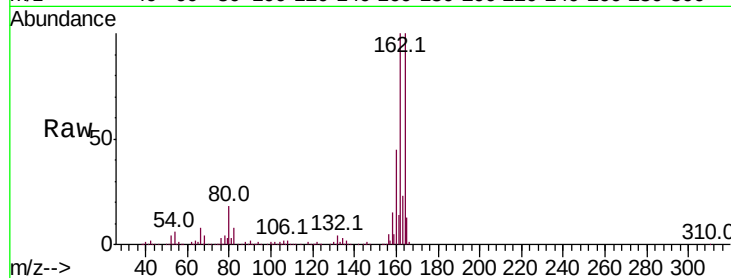
ClientSampleId :

SSTDCCC040EC

Tot Ion:	164	Resp:	390521
Ion Ratio	Lower	Upper	
164	100		
162	100.0	80.6	121.0
160	44.9	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.306 ng

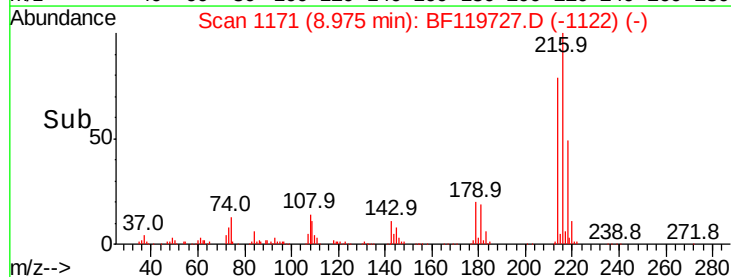
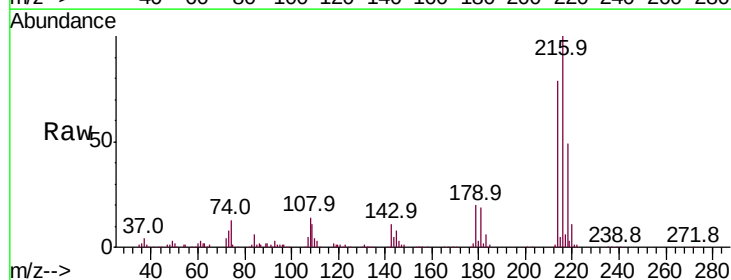
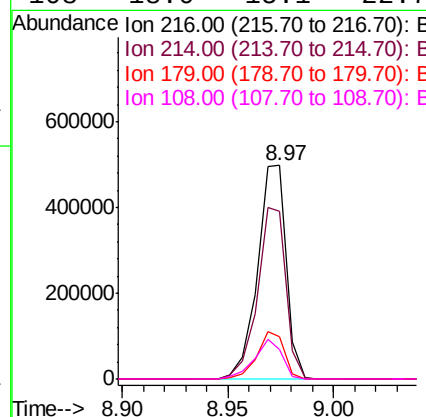
RT: 8.97 min Scan# 1171

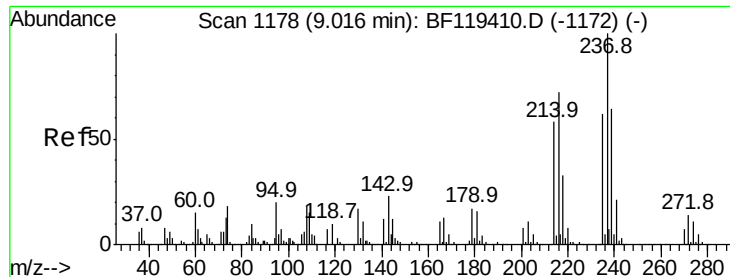
Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Tgt Ion:	216	Resp:	472803
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.2	94.8
179	21.0	17.1	25.7
108	18.0	15.1	22.7





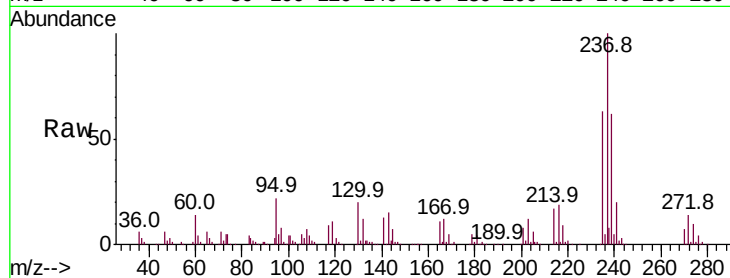
#41
Hexachlorocyclopentadiene
Concen: 36.694 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

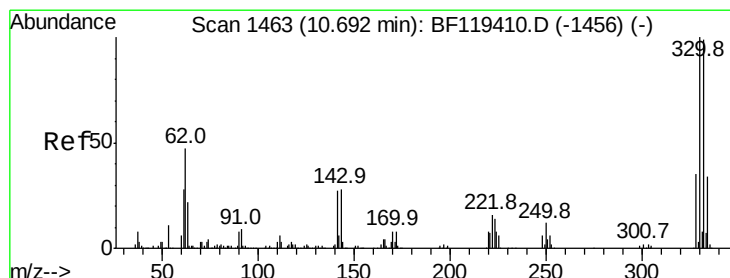
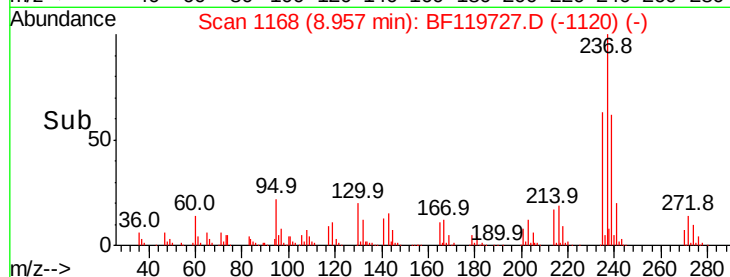
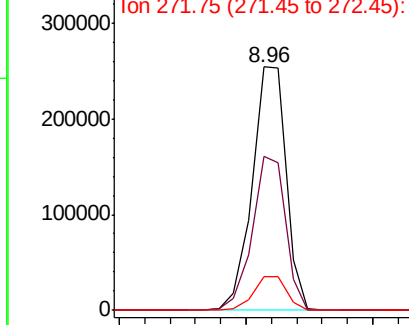
Tot Ion	Ratio	Resp	Lower	Upper
237	100	238784		
235	63.4	43.2	83.2	
272	13.6	0.0	34.1	

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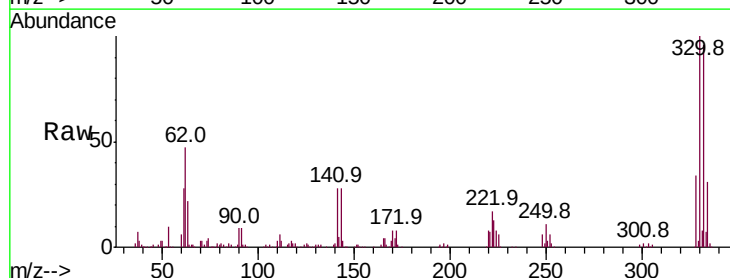


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

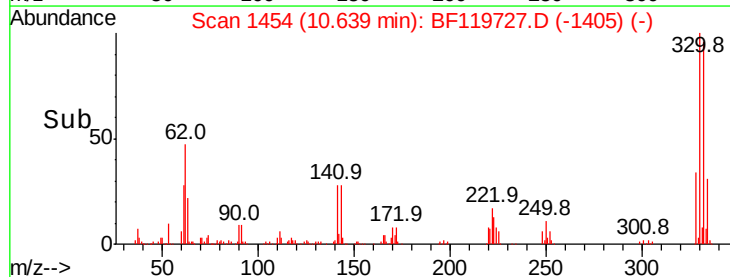
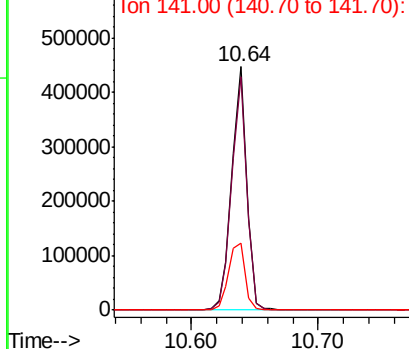


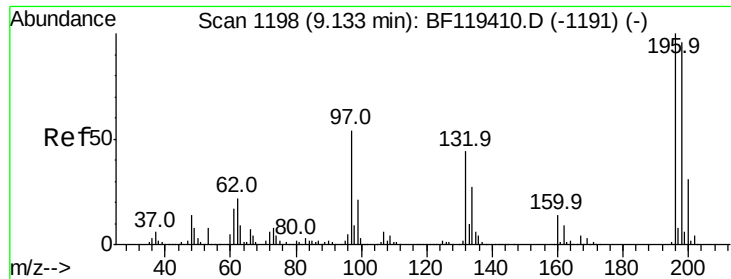
#42
2,4,6-Tribromophenol
Concen: 90.619 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	365093		
332	96.5	75.7	113.5	
141	30.5	25.4	38.0	



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





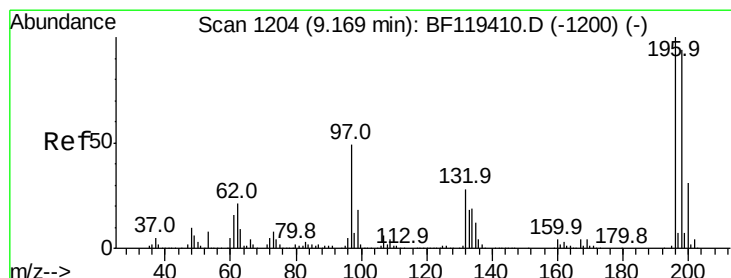
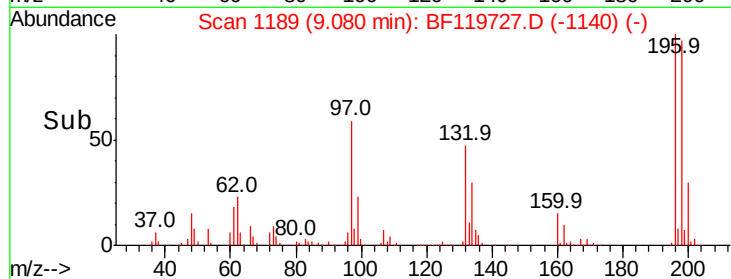
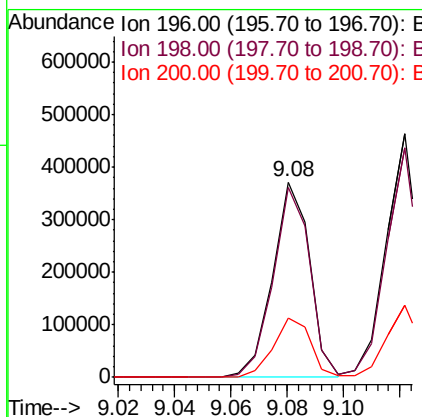
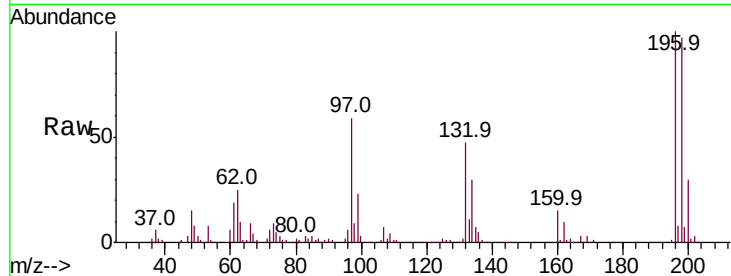
#43
 2,4,6-Trichlorophenol
 Concen: 41.153 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	337097		
198	97.2	76.6	115.0	
200	30.3	24.6	36.8	

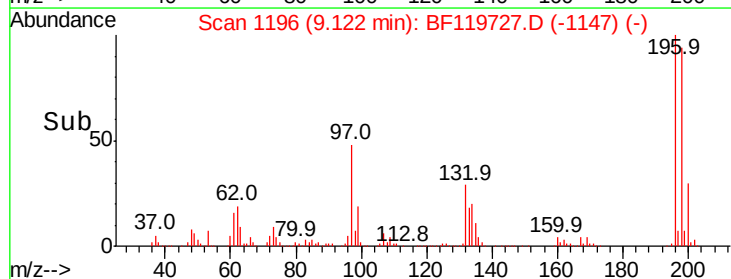
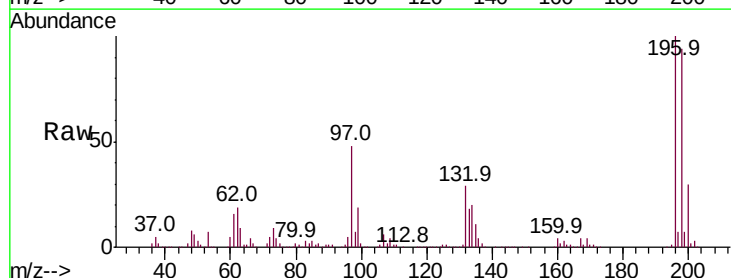
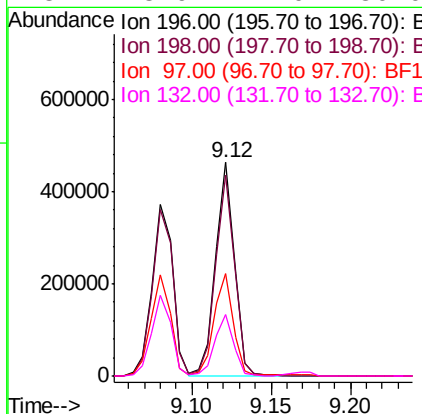
Manual Integrations
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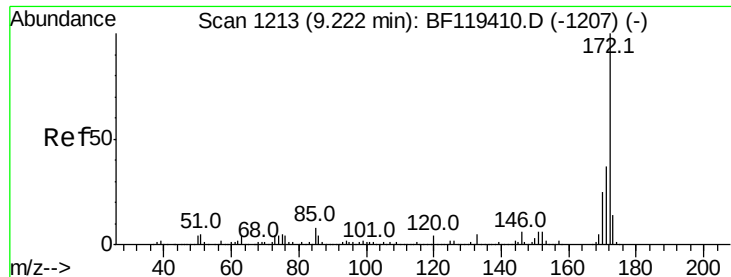
mohammad
 4/6/2020 1:38:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.023 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	385608		
198	94.1	73.8	110.8	
97	48.2	42.6	63.8	
132	28.9	24.0	36.0	





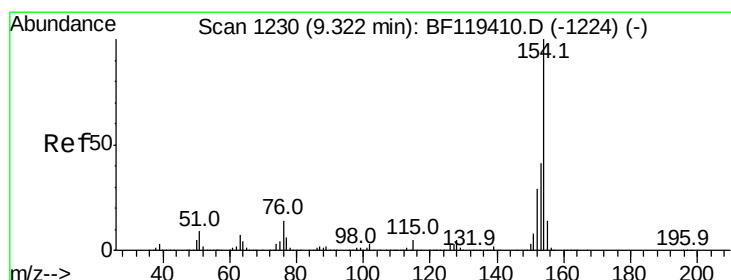
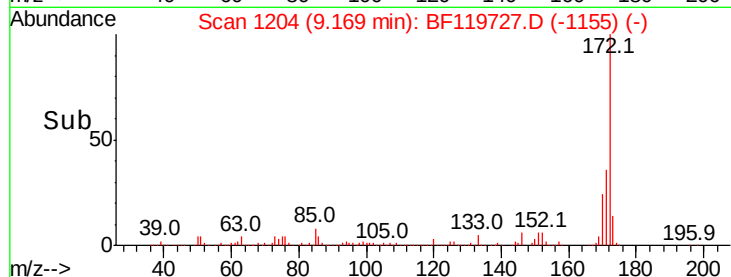
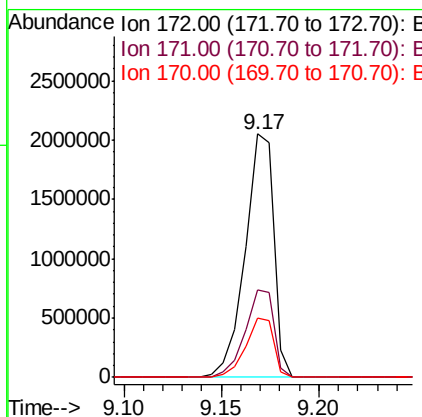
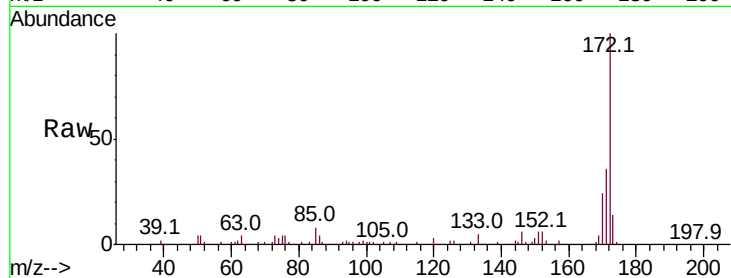
#45
2-Fluorobiphenyl
Concen: 79.356 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	20.2	30.2

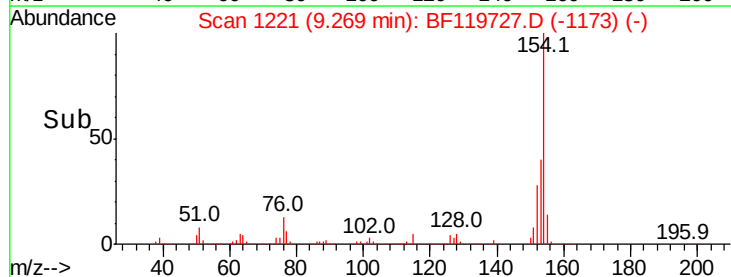
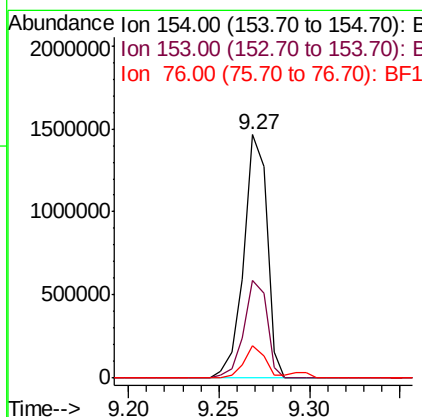
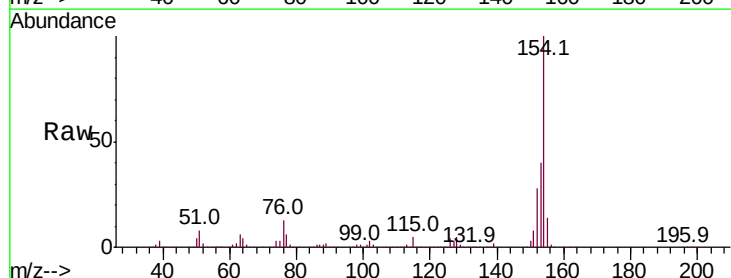
Manual Integrations
APPROVED

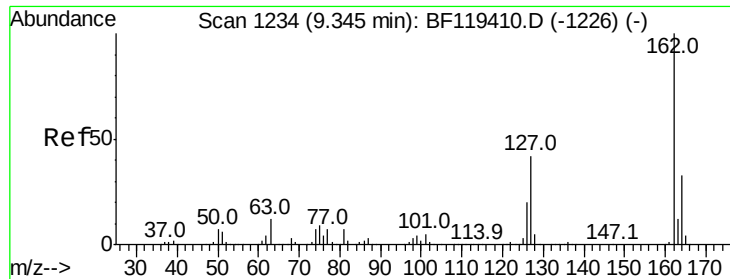
mohammad
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#46
1,1'-Biphenyl
Concen: 41.024 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.4	61.4
76	13.1	0.0	33.0





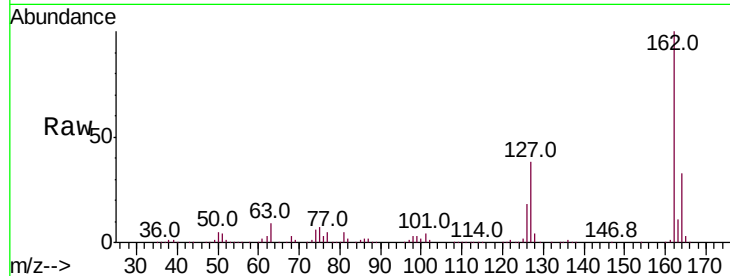
#47
2-Chloronaphthalene
Concen: 40.643 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

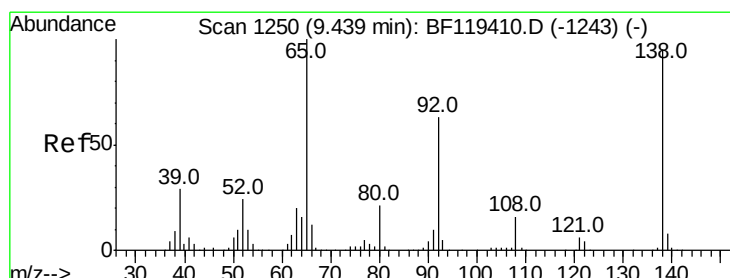
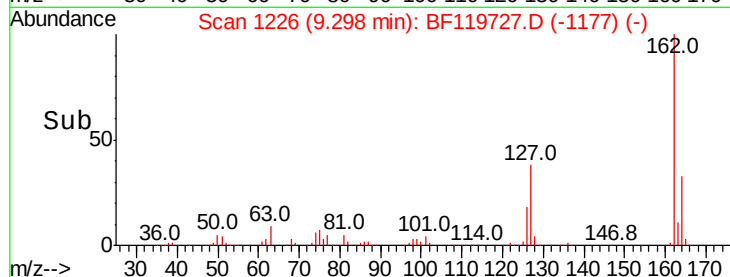
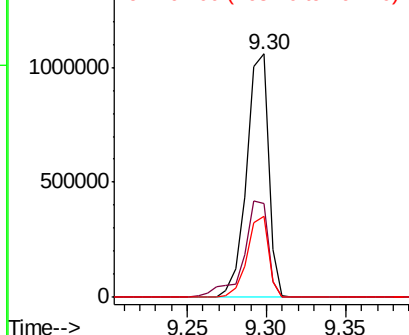
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.7	50.5
164	33.3	26.3	39.5

Manual Integrations
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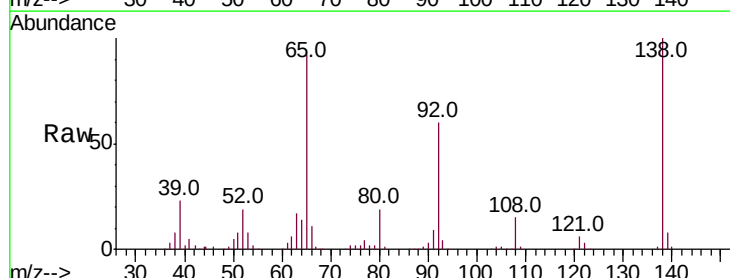


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

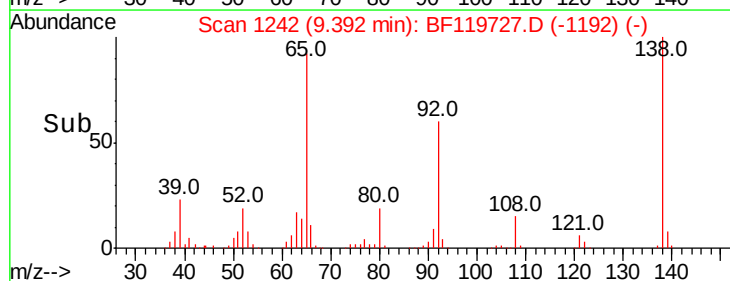
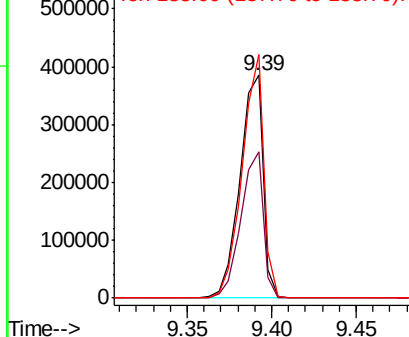


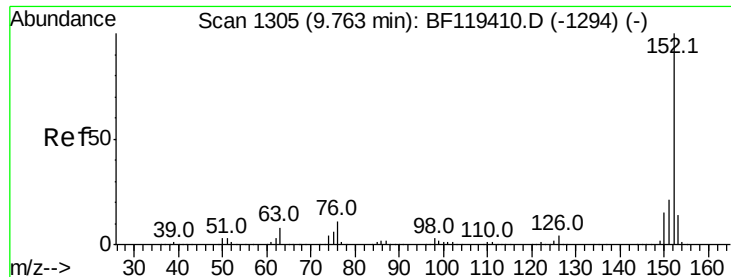
#48
2-Nitroaniline
Concen: 42.927 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	50.0	75.0
138	109.2	75.0	112.4



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: 40.297 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

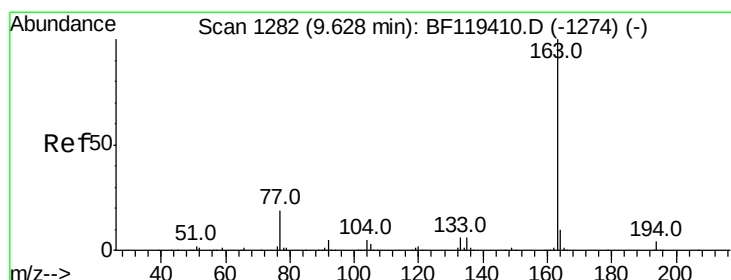
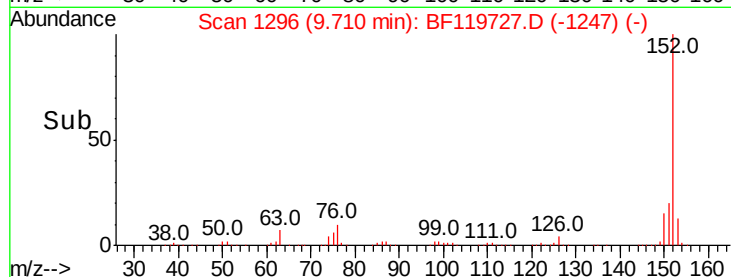
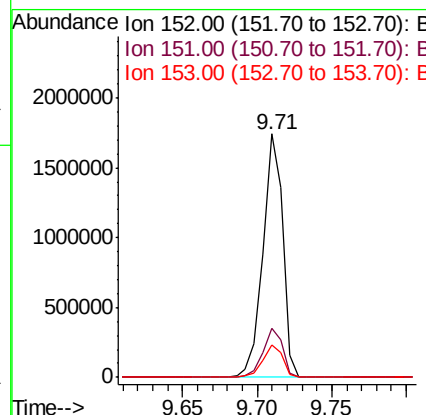
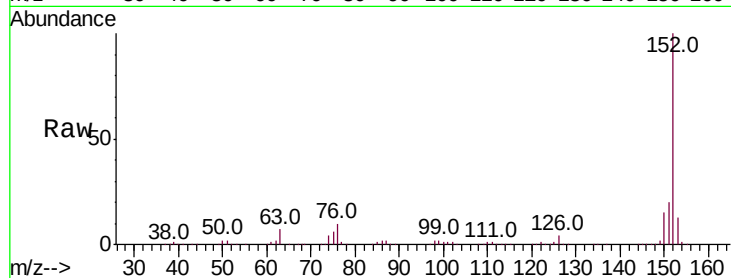
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	1576591
Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.2	25.8
153	13.5	11.2	16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.197 ng

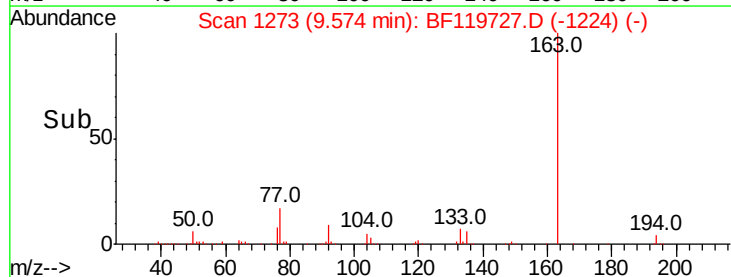
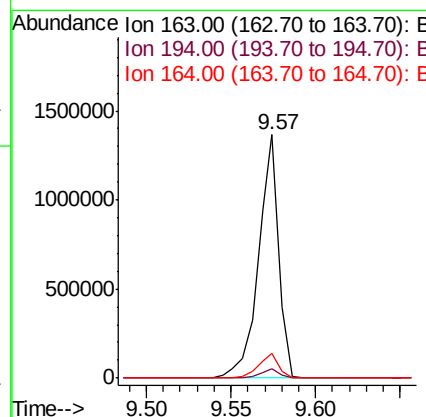
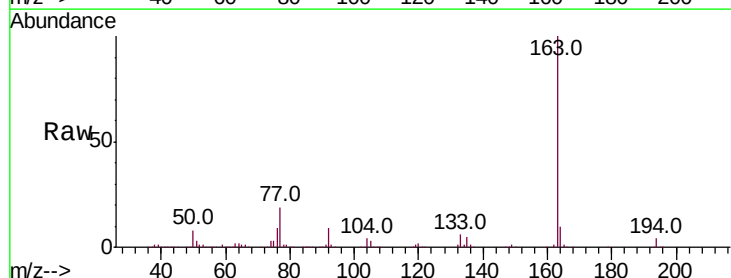
RT: 9.57 min Scan# 1273

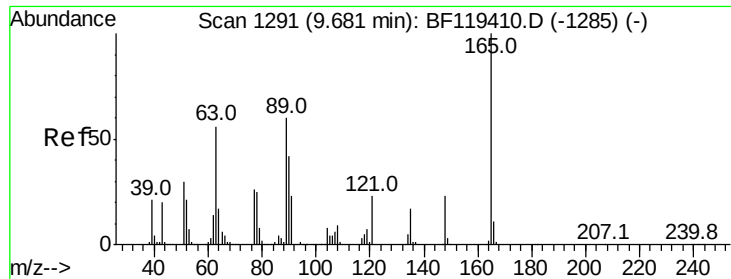
Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Tgt Ion:	163	Resp:	1142753
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.0	8.2	12.2





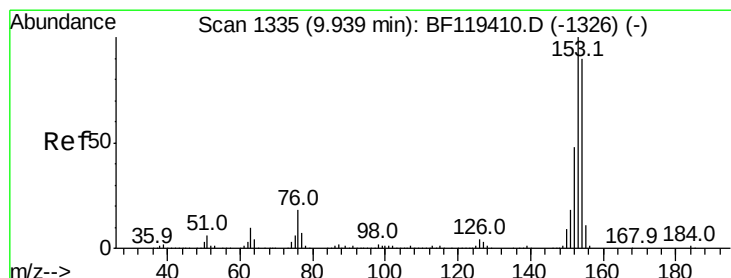
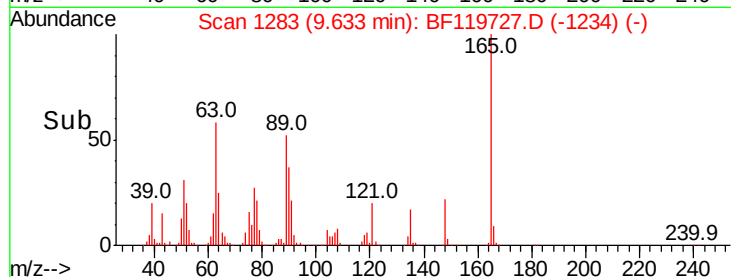
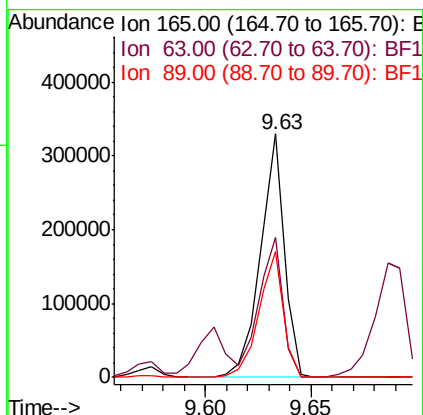
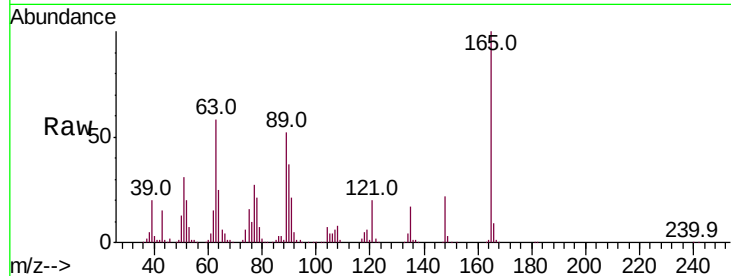
#51
2,6-Dinitrotoluene
Concen: 44.108 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	262251		
63	57.6	45.0	67.4	
89	51.6	41.5	62.3	

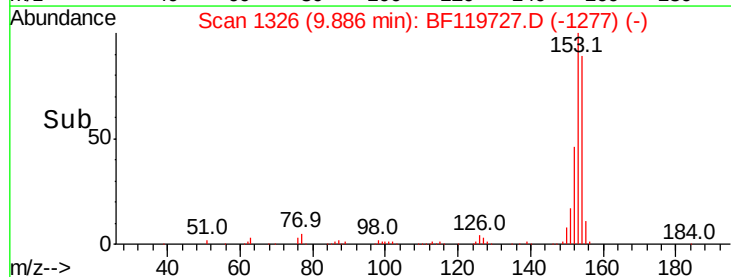
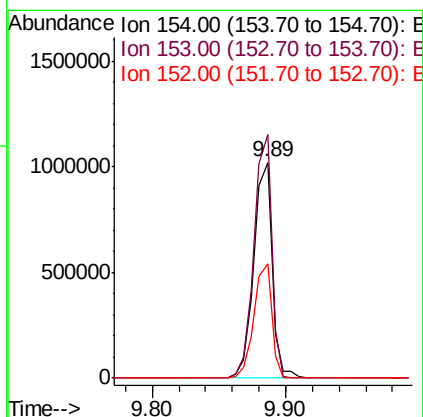
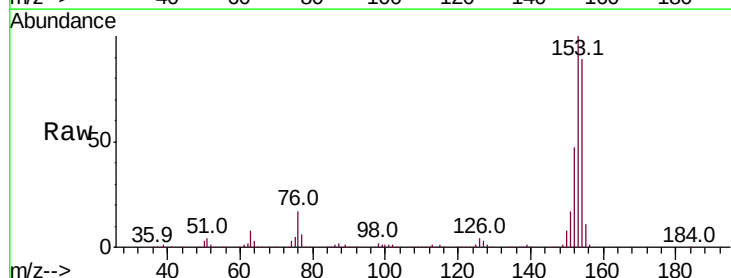
Manual Integrations
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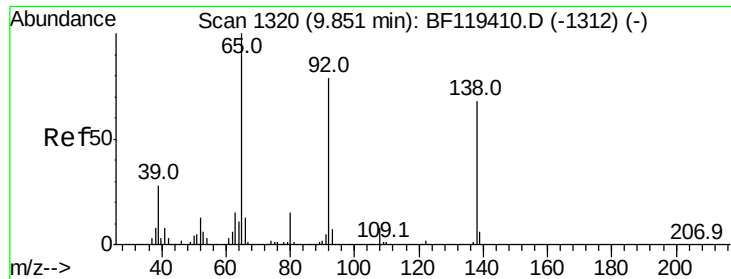
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#52
Acenaphthene
Concen: 39.171 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	955396		
153	112.9	88.1	132.1	
152	52.8	43.0	64.4	





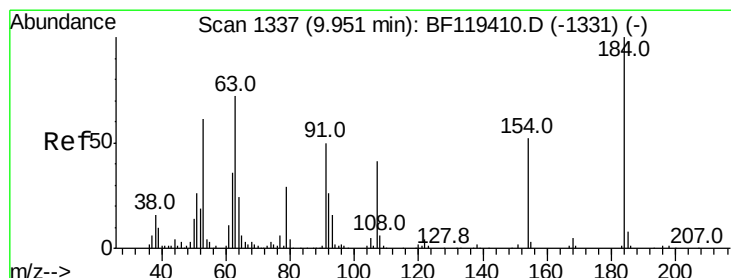
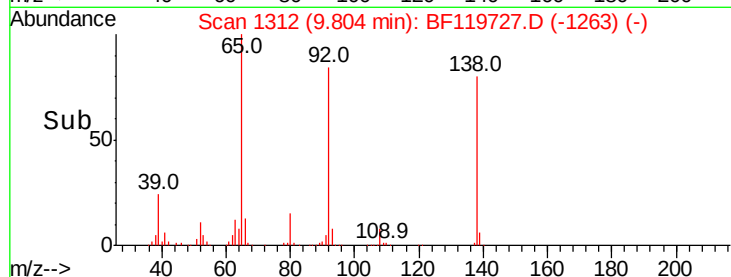
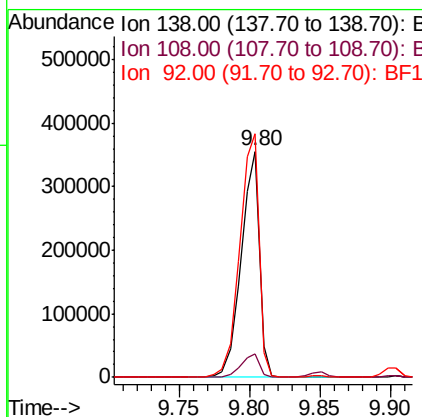
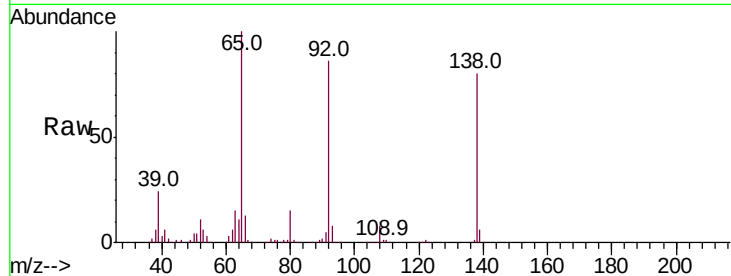
#53
3-Nitroaniline
Concen: 42.570 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.6	13.0
92	107.7	95.4	143.0

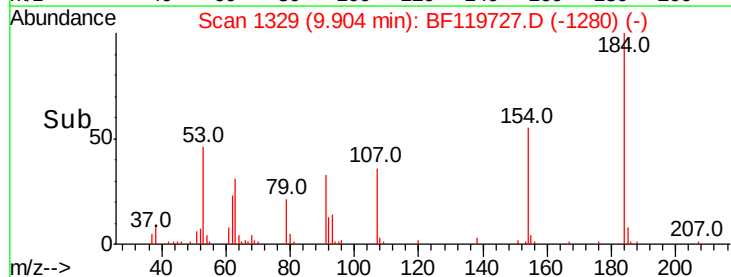
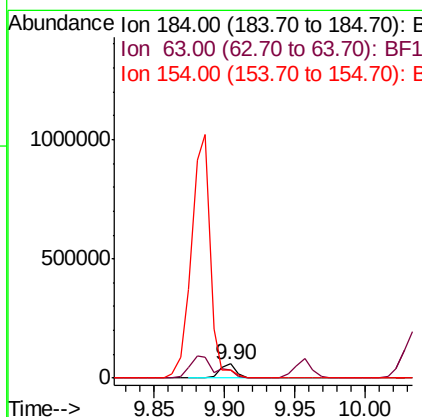
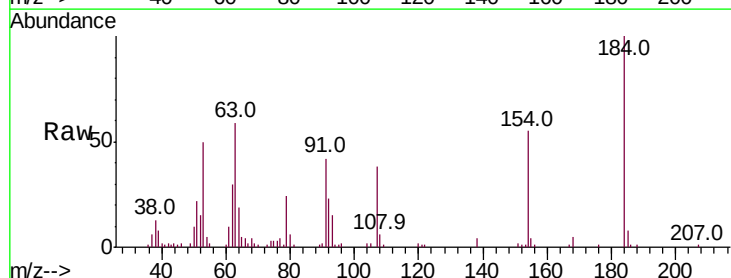
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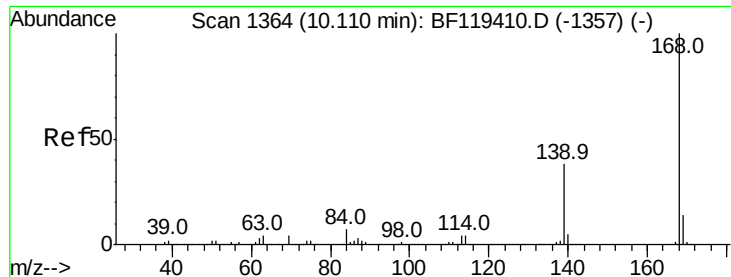
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#54
2,4-Dinitrophenol
Concen: 25.645 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.7	50.2	75.4
154	54.7	44.5	66.7





#55

Dibenzenofuran

Concen: 40.299 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:168 Resp: 1409258

Ion Ratio Lower Upper

168 100

139 35.4 30.1 45.1

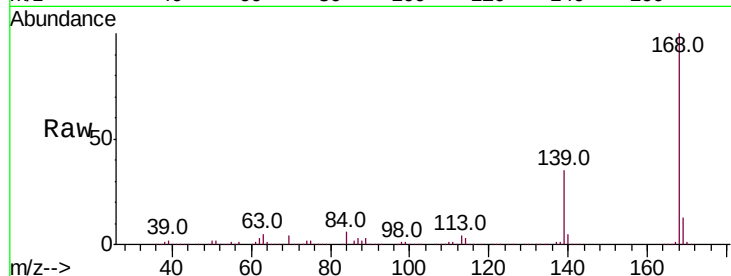
169 13.2 11.0 16.6

Manual Integrations

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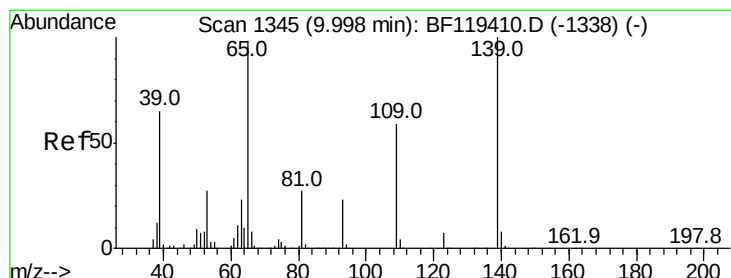
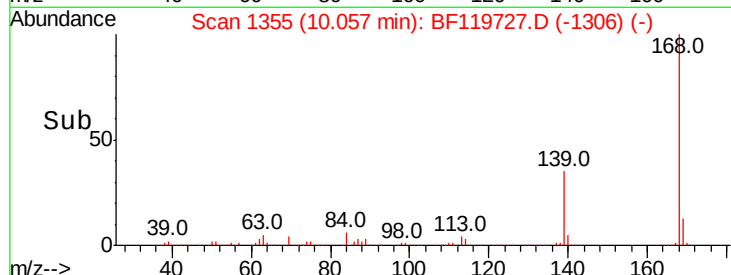
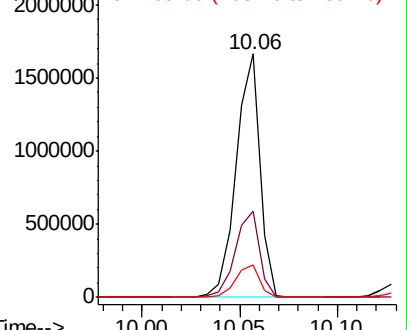
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.112 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

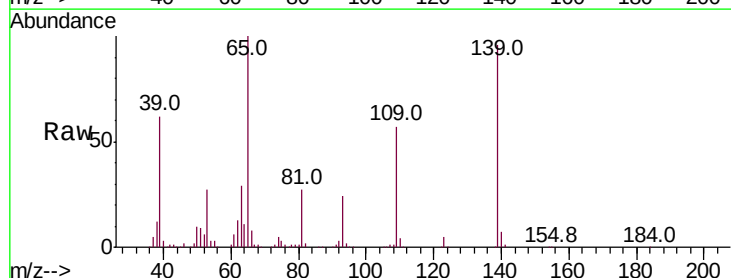
Tgt Ion:139 Resp: 237523

Ion Ratio Lower Upper

139 100

109 58.7 43.3 83.3

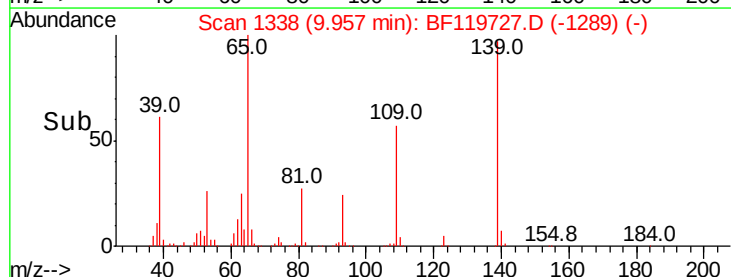
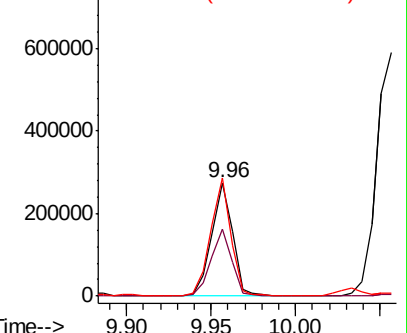
65 103.7 91.0 131.0

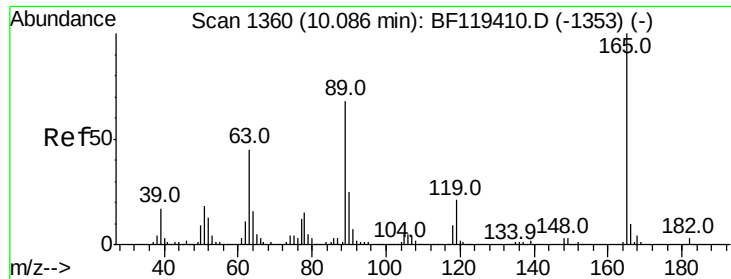


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





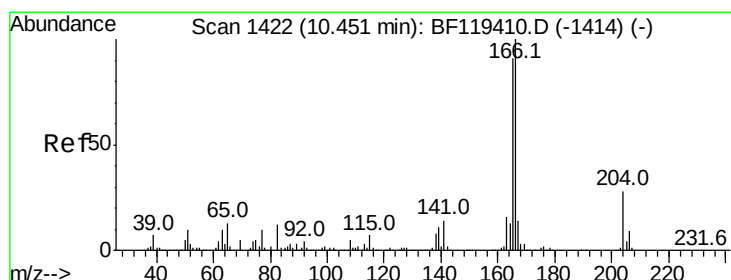
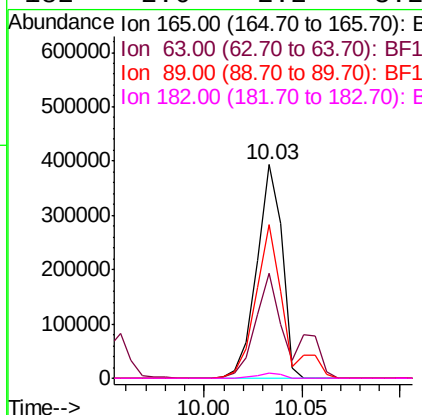
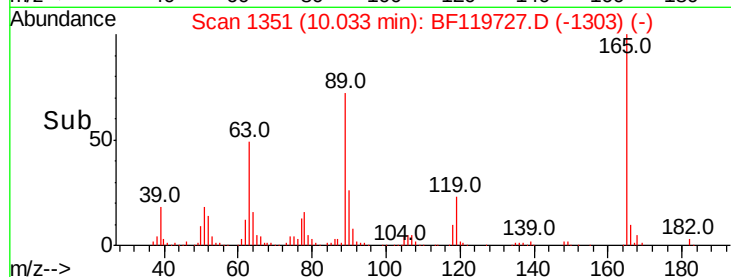
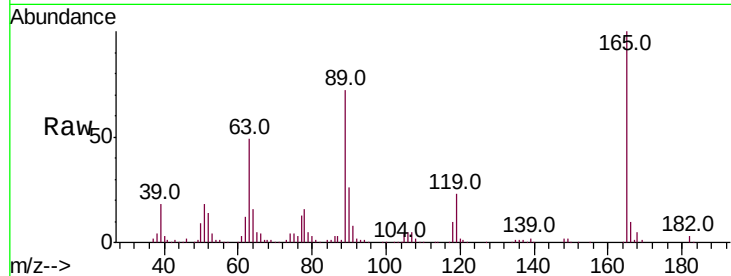
#57
2,4-Dinitrotoluene
Concen: 46.955 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	351691		
63	49.0		42.6	64.0
89	72.0		61.0	91.4
182	2.6		2.2	3.2

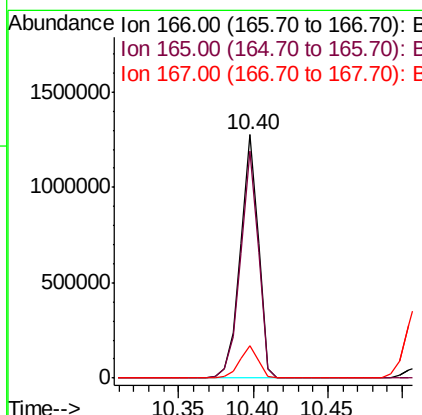
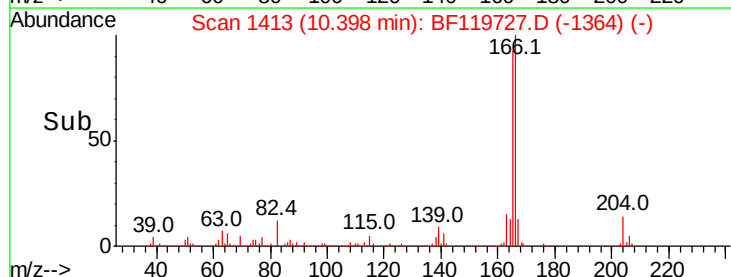
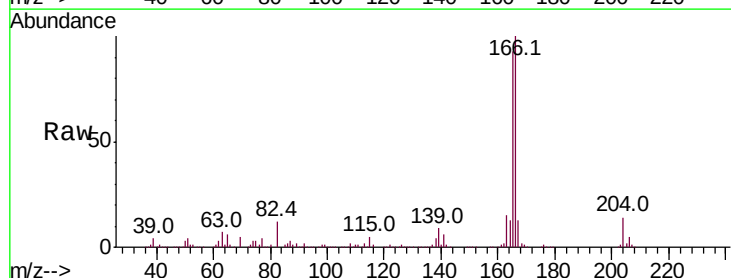
Manual Integrations
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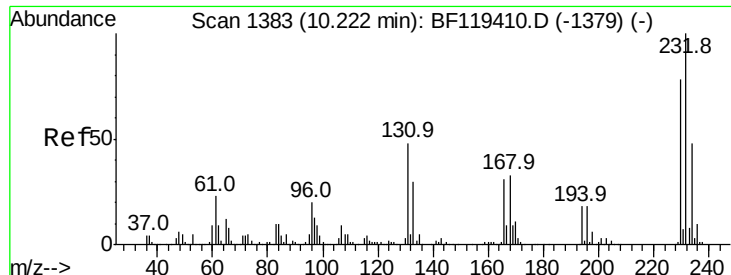
mohammad
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#58
Fluorene
Concen: 41.533 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1074023		
165	93.5		75.4	113.2
167	13.3		11.2	16.8





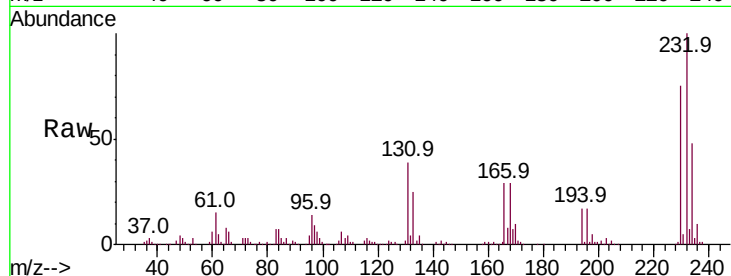
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.309 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.5	56.3
130	2.0	1.8	2.6
166	31.1	24.6	36.8

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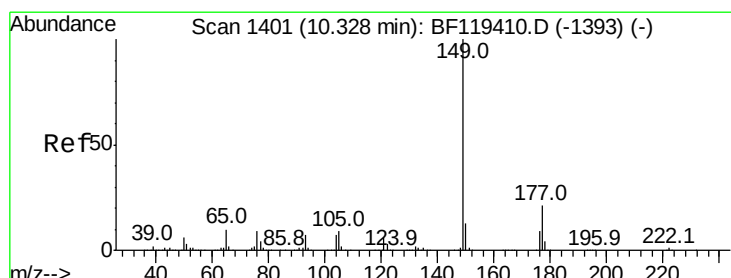
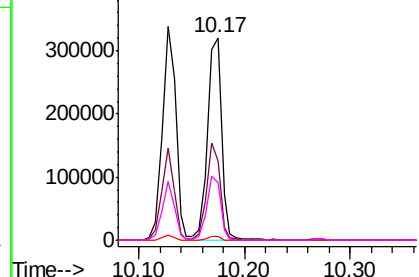
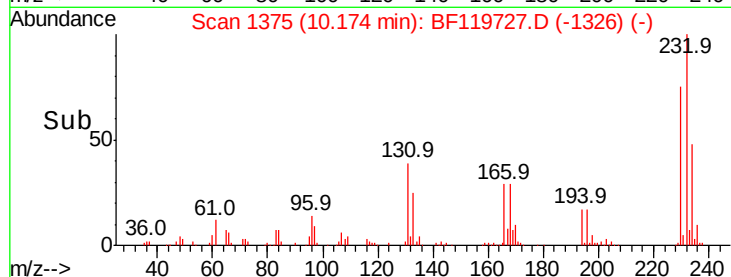
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

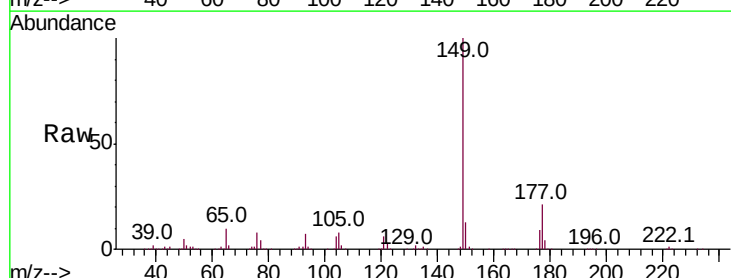
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.499 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.0	25.6
150	12.7	10.1	15.1

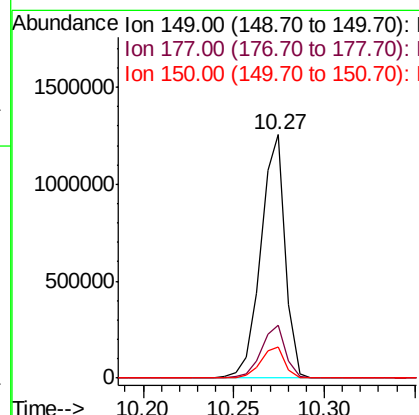
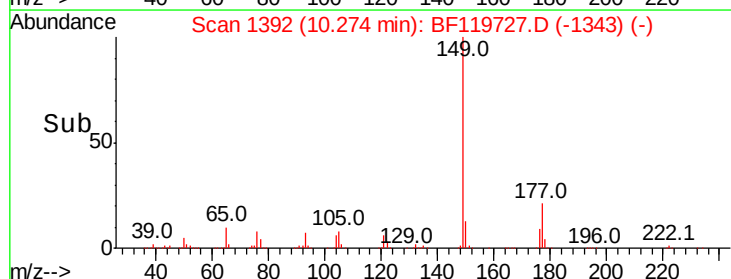


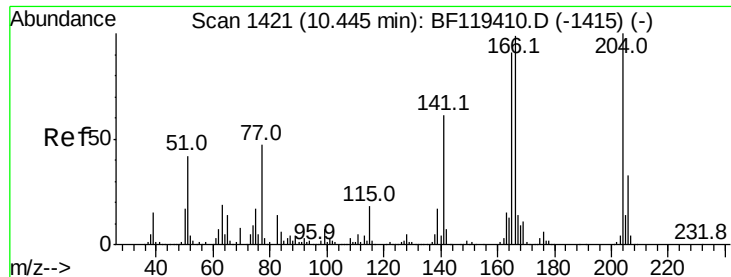
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





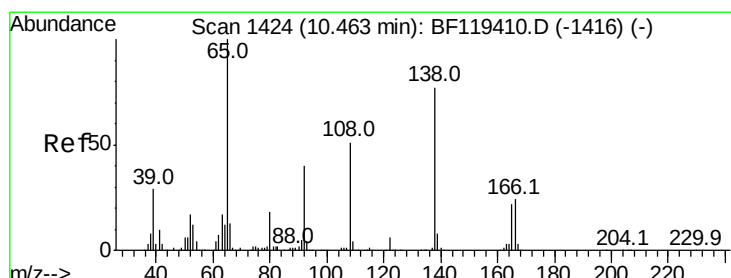
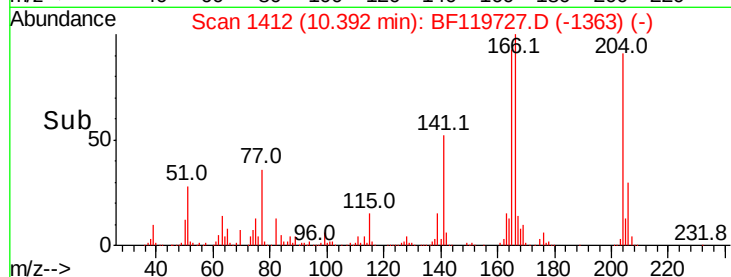
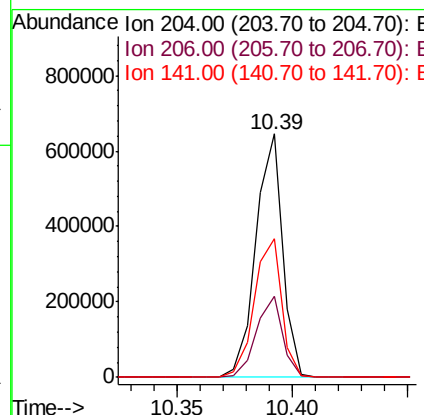
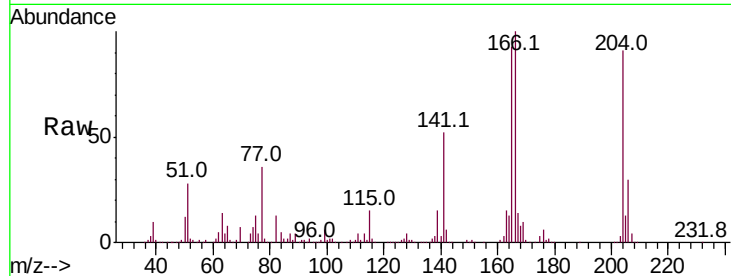
#61
4-Chlorophenyl-phenylether
Concen: 41.411 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	57.0	47.3	70.9

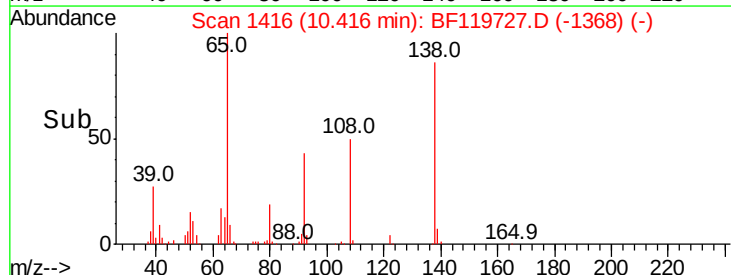
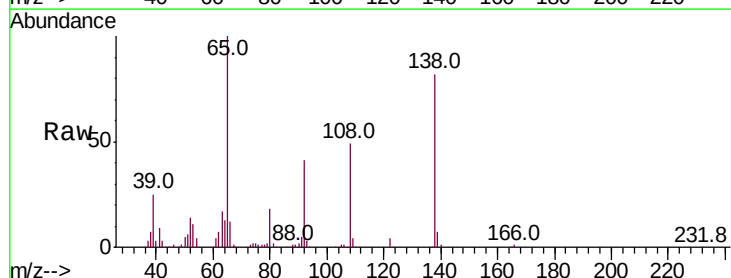
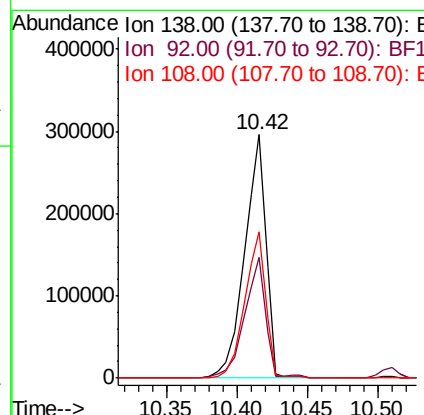
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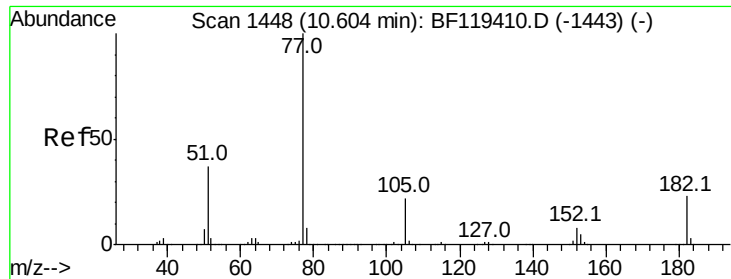
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#62
4-Nitroaniline
Concen: 43.364 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	31.5	71.5
108	60.3	45.8	85.8





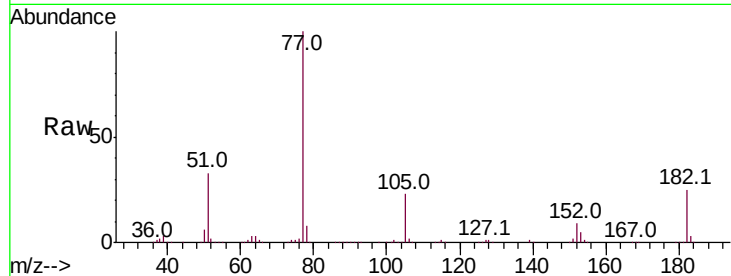
#63
Azobenzene
Concen: 38.882 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.4	44.4
105	23.1	2.6	42.6
51	32.7	15.1	55.1

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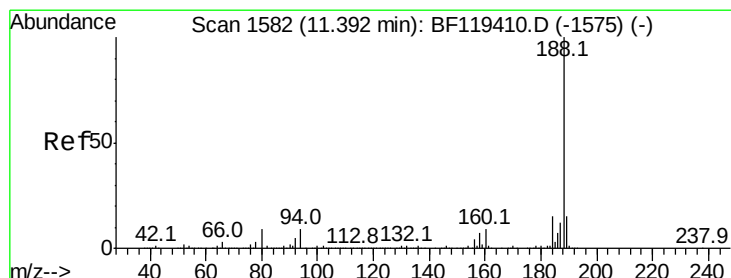
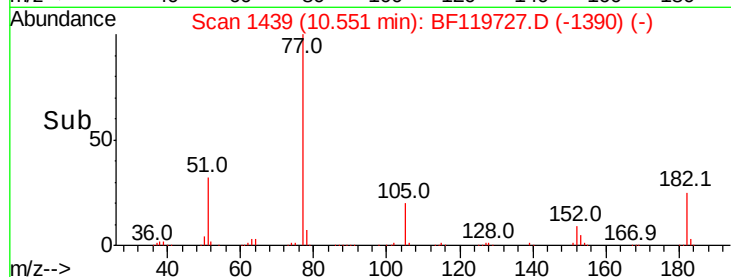
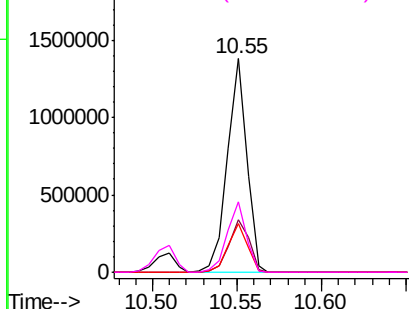
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): 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: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

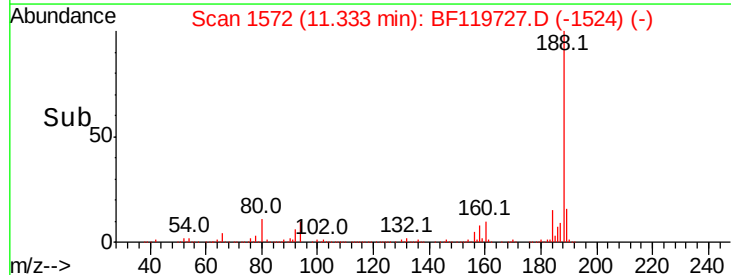
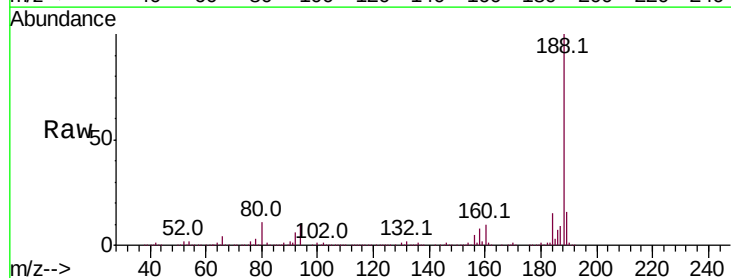
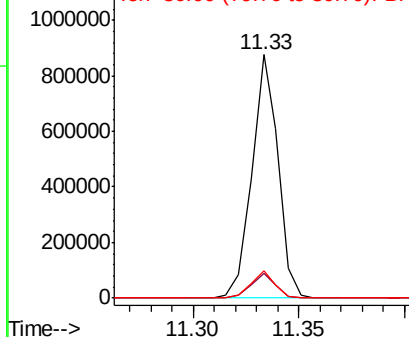
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.5	11.3
80	11.0	9.0	13.4

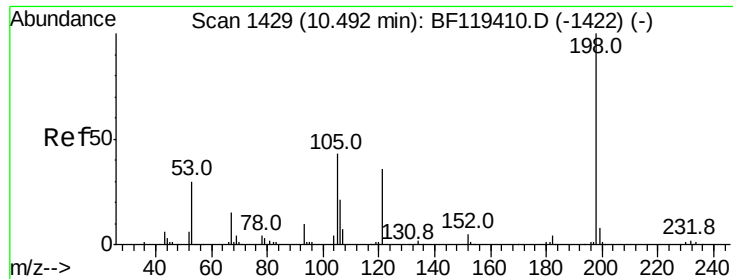
Abundance

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: 31.463 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 99225

Ion Ratio Lower Upper

198 100

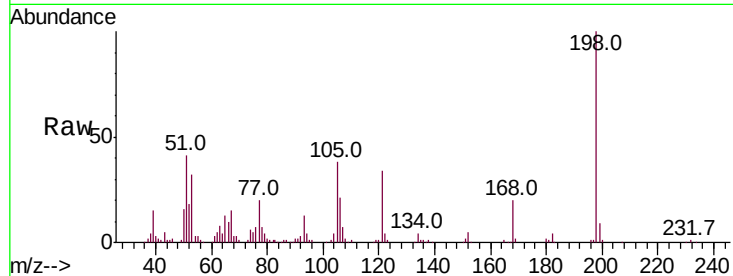
51 40.8 29.0 69.0

105 38.0 22.2 62.2

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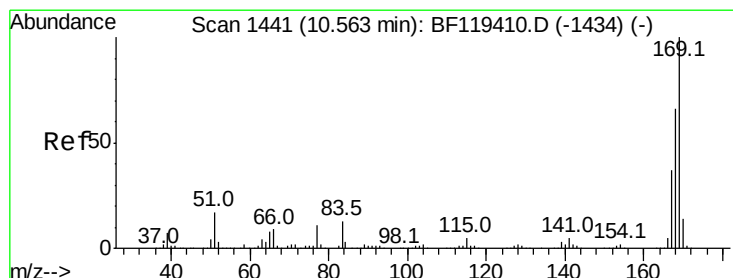
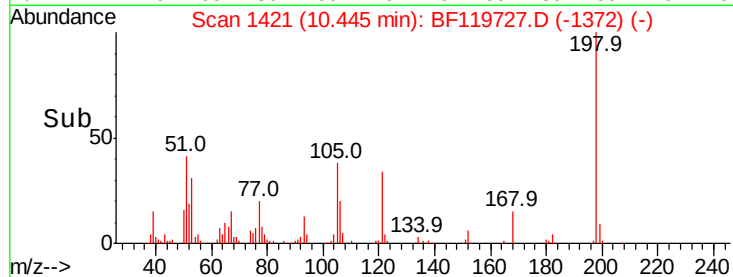
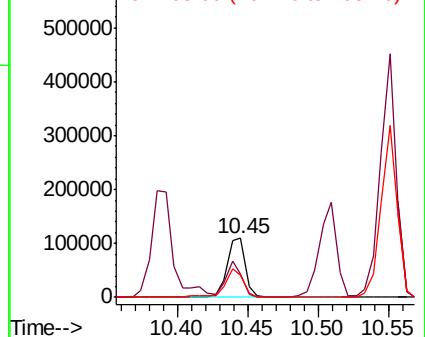
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.413 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

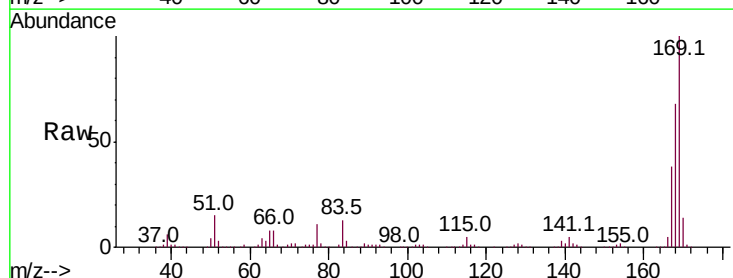
Tgt Ion:169 Resp: 973099

Ion Ratio Lower Upper

169 100

168 68.4 53.2 79.8

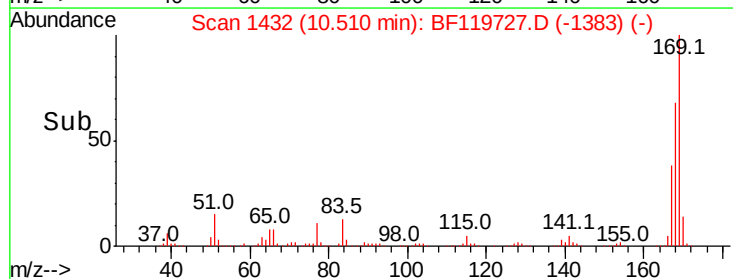
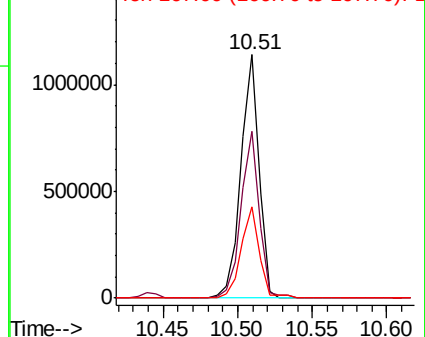
167 37.6 29.1 43.7

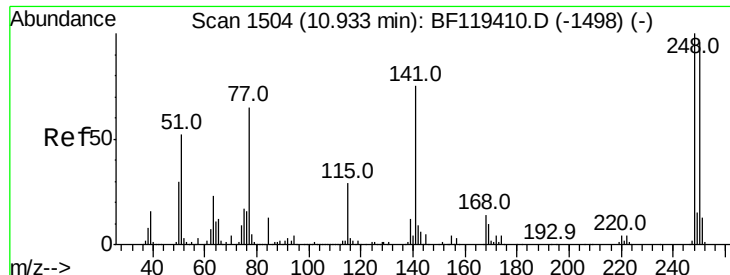


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





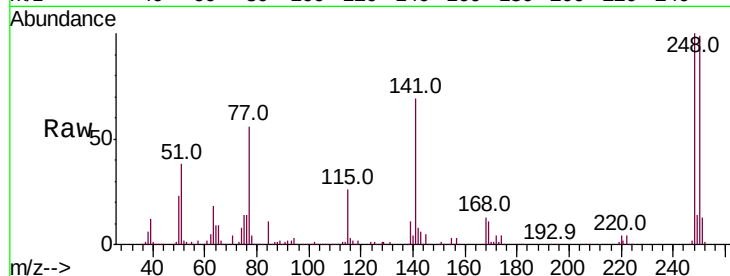
#67
4-Bromophenyl-phenylether
Concen: 41.042 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.3	115.9
141	69.1	58.6	87.8

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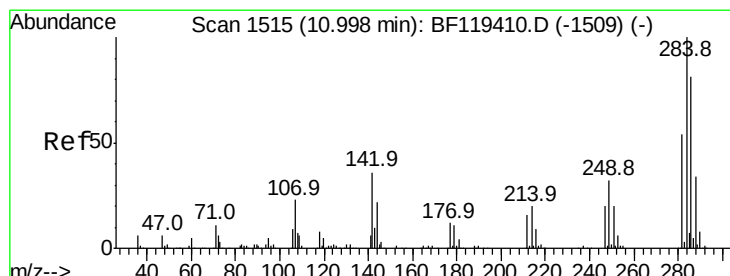
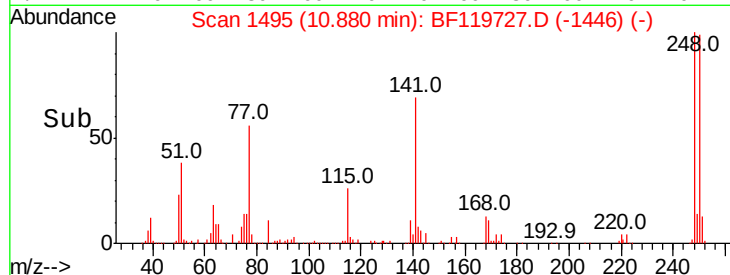
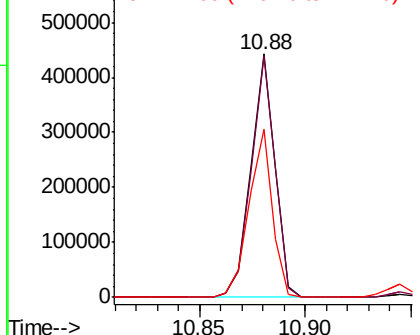


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.890 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

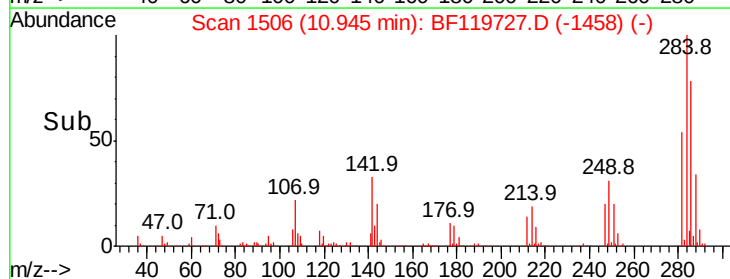
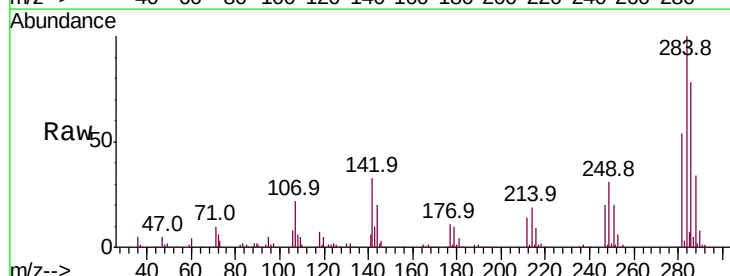
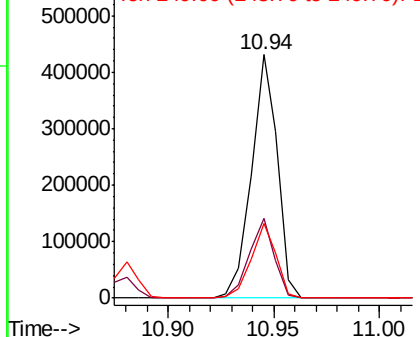
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	29.2	43.8
249	30.7	25.1	37.7

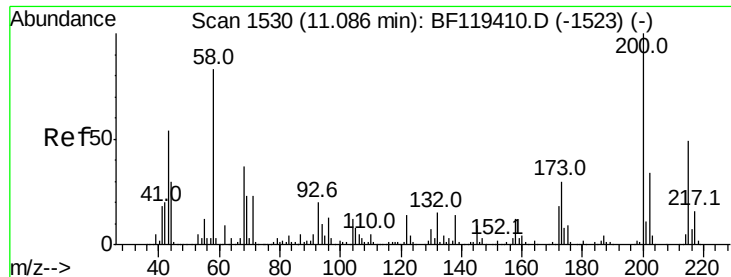
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





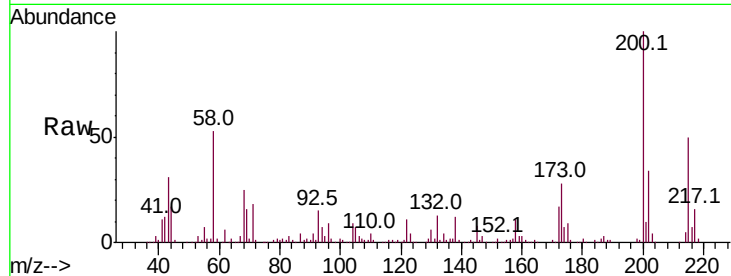
#69
Atrazine
Concen: 41.138 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
200	100	278449		
173	28.1	9.3	49.3	
215	50.4	29.5	69.5	

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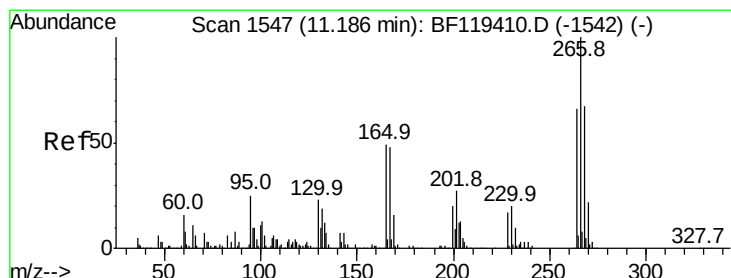
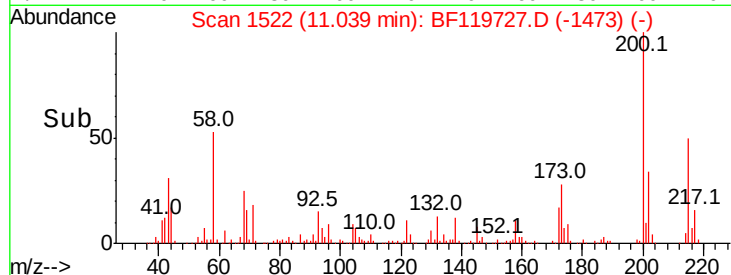
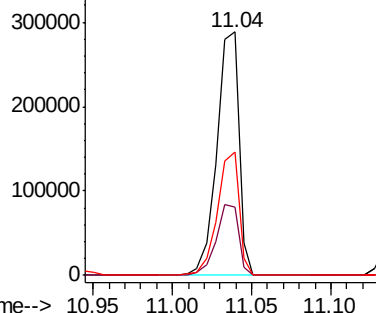


Abundance

Ion 200.00 (199.70 to 200.70): E

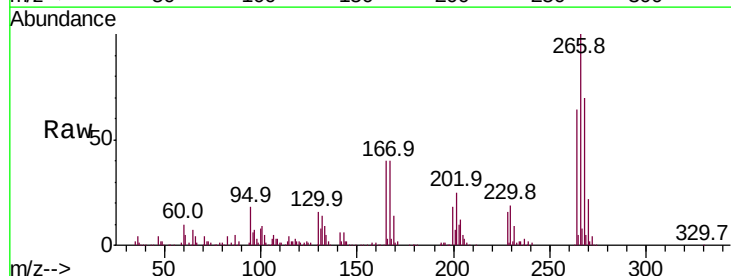
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 35.510 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	182528		
268	69.8	53.3	79.9	
264	63.7	49.0	73.4	

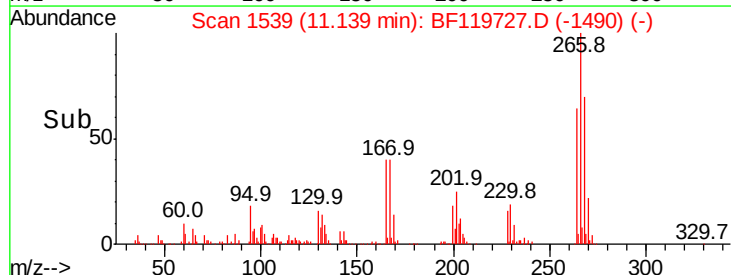
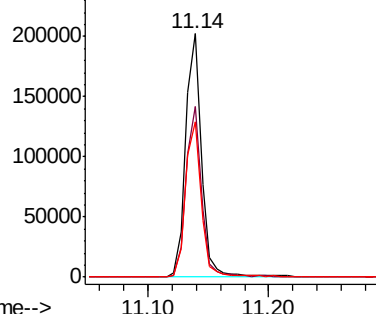


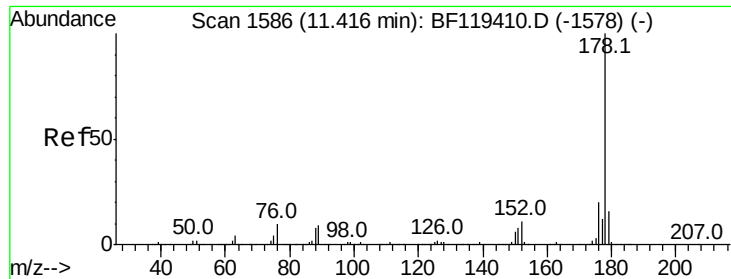
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.202 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1567801

Ion Ratio Lower Upper

178 100

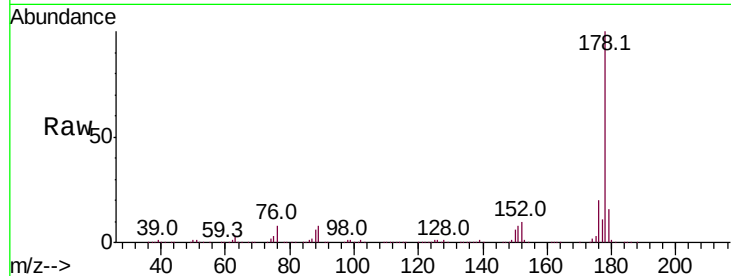
176 19.7 16.2 24.4

179 15.6 13.2 19.8

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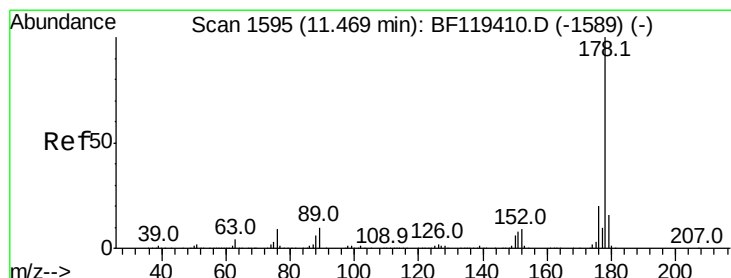
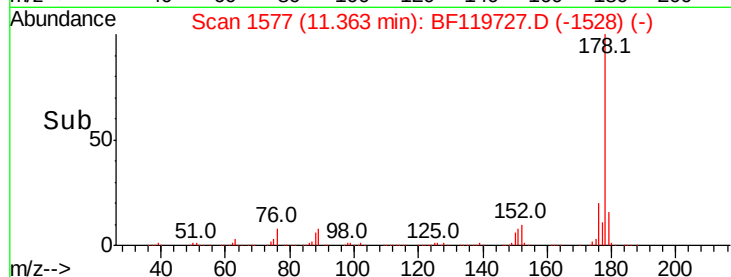
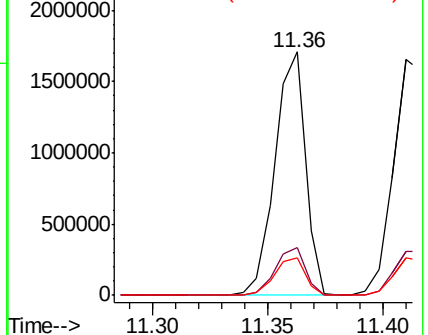
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.642 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.02 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Tgt Ion:178 Resp: 1610825

Ion Ratio Lower Upper

178 100

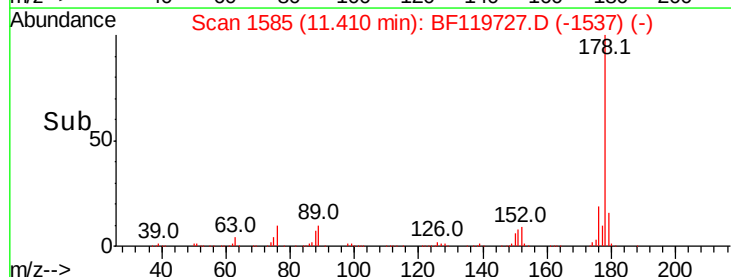
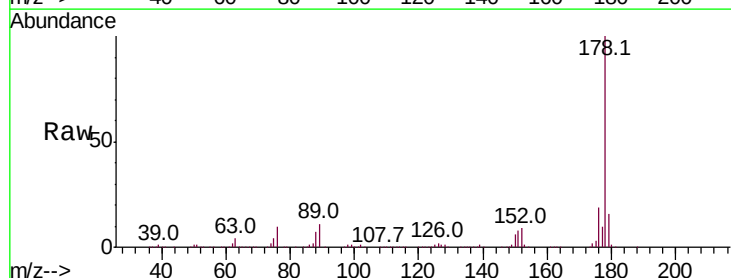
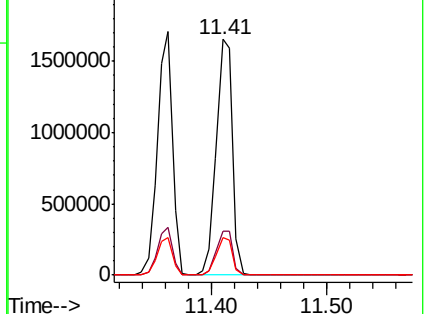
176 18.9 16.1 24.1

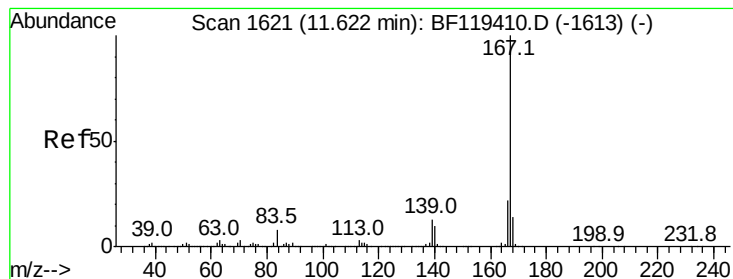
179 15.8 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.937 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:167 Resp: 1566762

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.4

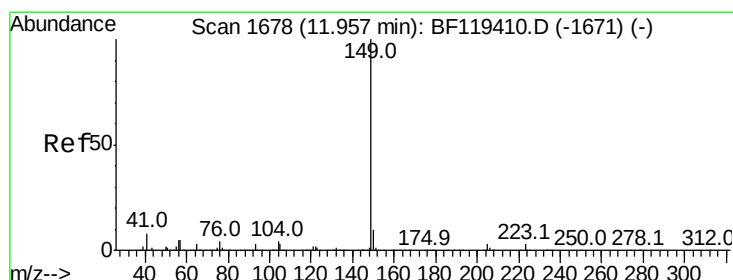
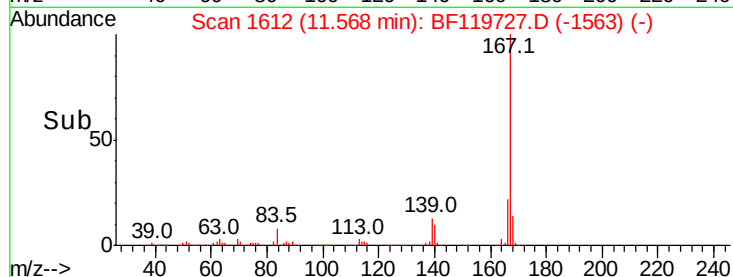
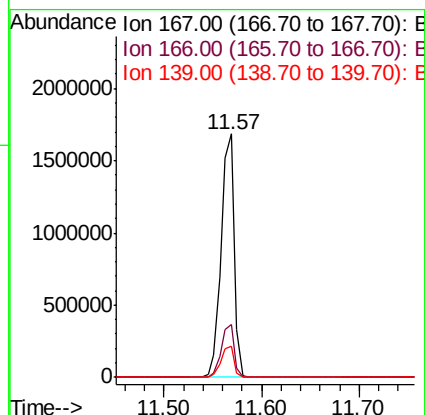
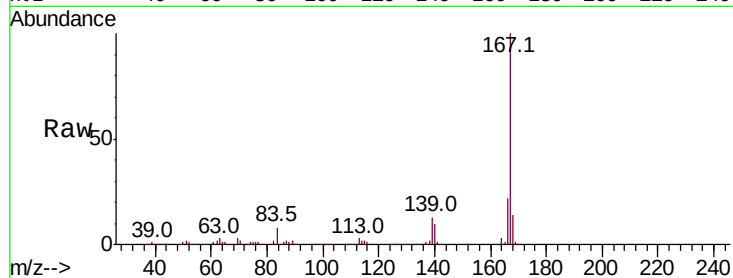
139 12.7 10.7 16.1

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#74

Di-n-butylphthalate

Concen: 42.984 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.02 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

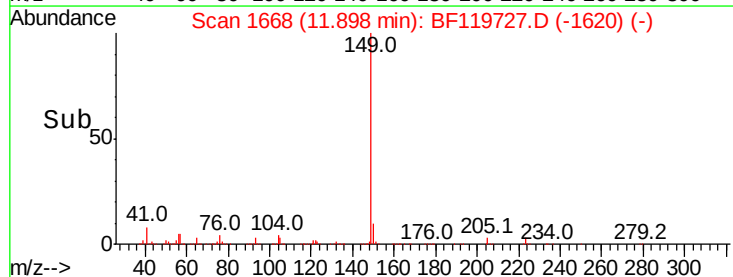
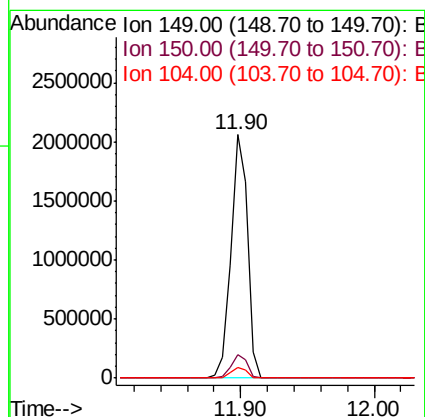
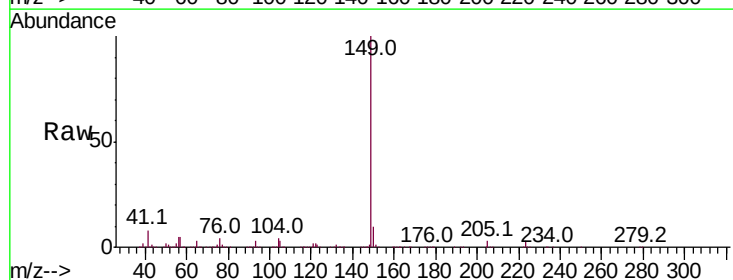
Tgt Ion:149 Resp: 1803898

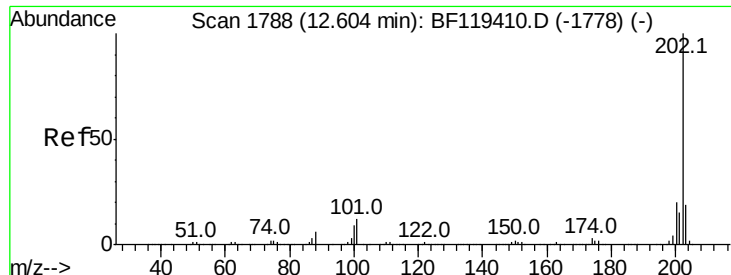
Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

104 4.5 3.6 5.4





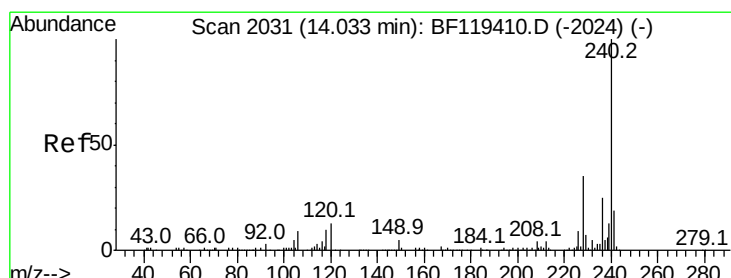
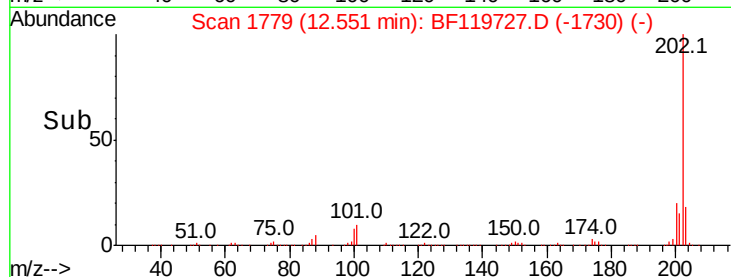
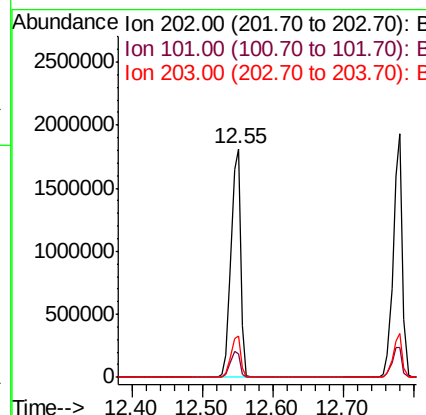
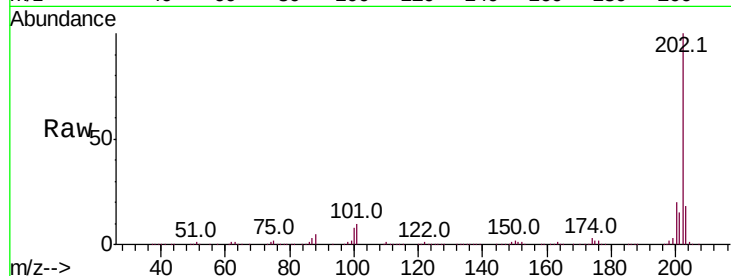
#75
 Fluoranthene
 Concen: 40.789 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.2
203	18.3	0.0	38.8

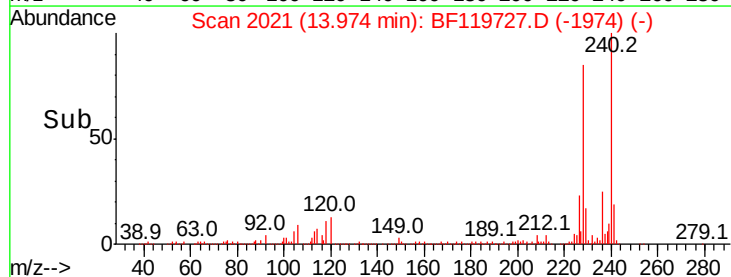
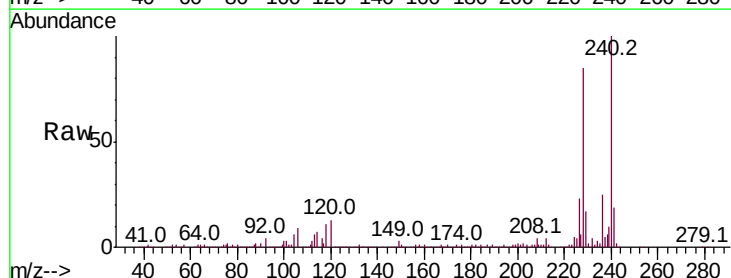
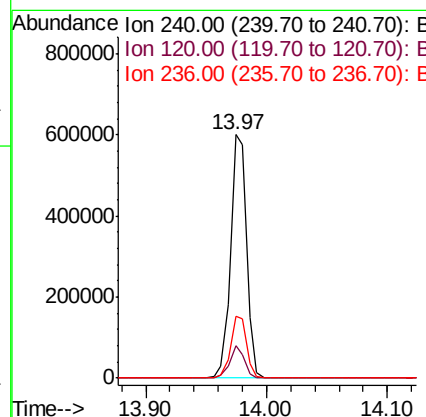
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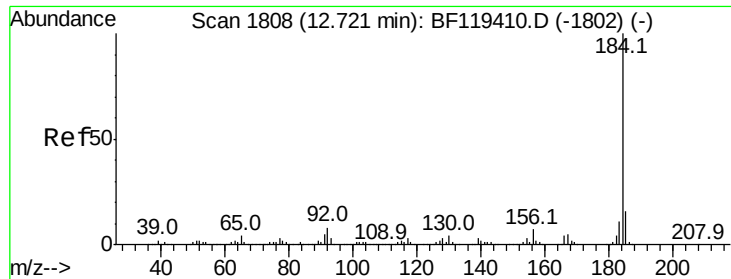
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.6	15.8
236	25.4	20.2	30.2





#77

Benzidine

Concen: 31.268 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

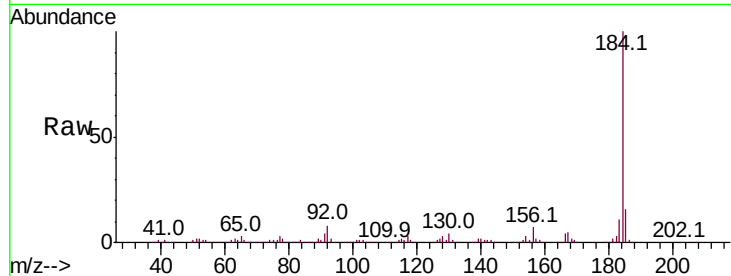
ClientSampleId :

SSTDCCC040EC

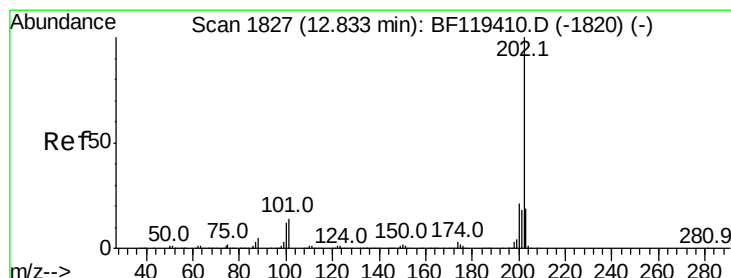
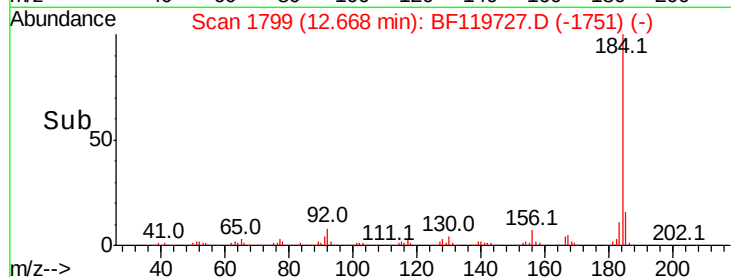
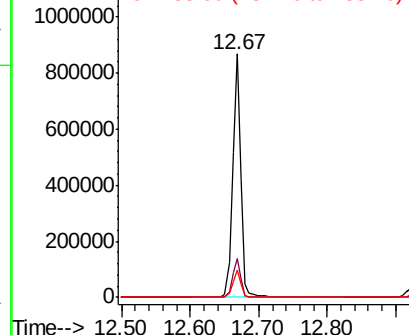
Tot Ion:	184	Resp:	727686
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.3	18.5
183	11.3	9.0	13.6

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



#78

Pyrene

Concen: 38.527 ng

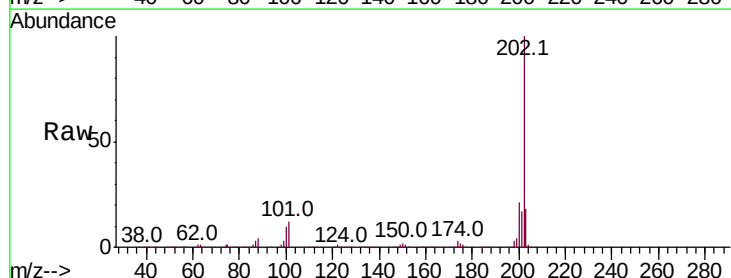
RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

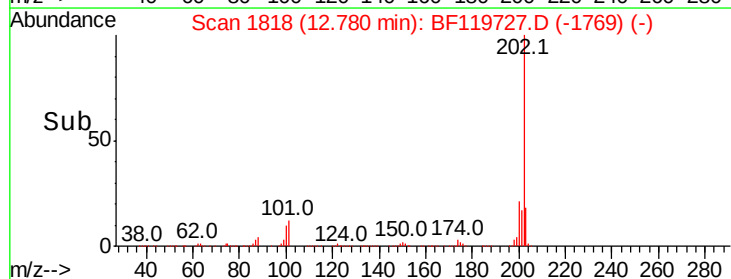
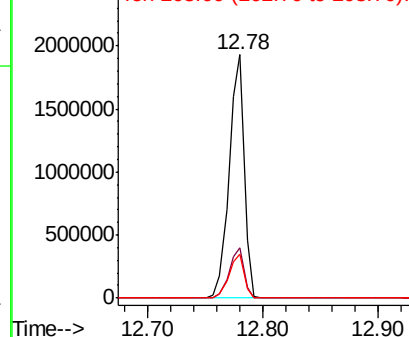
Lab File: BF119727.D

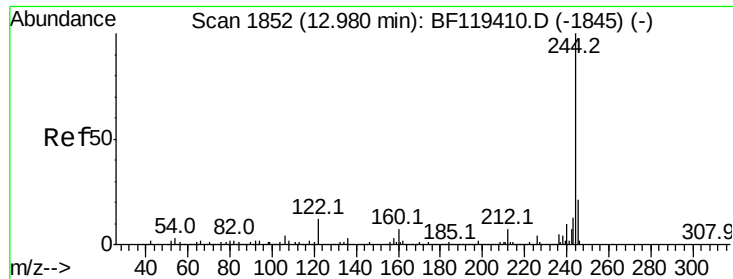
Acq: 3 Apr 2020 19:20

Tgt Ion:	202	Resp:	1738777
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	18.1	15.1	22.7



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





#79

Terphenyl-d14

Concen: 81.598 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 2290294

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

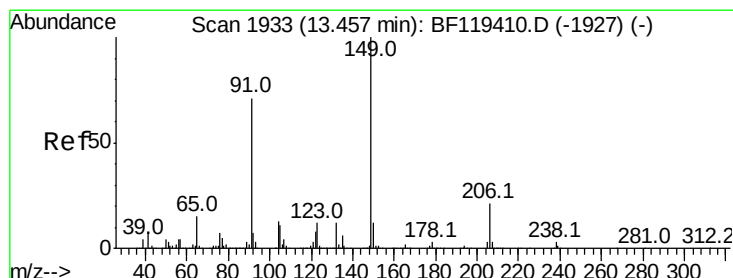
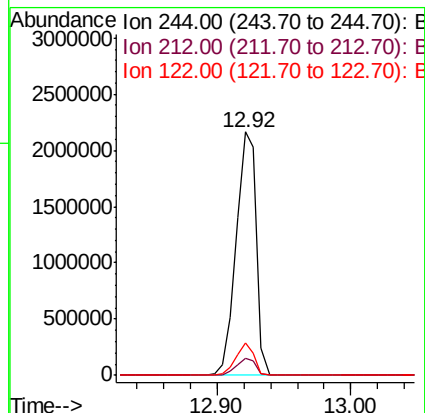
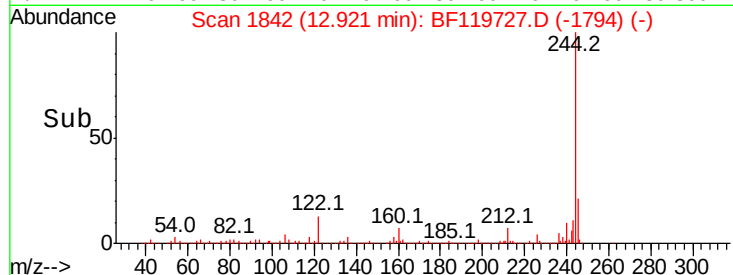
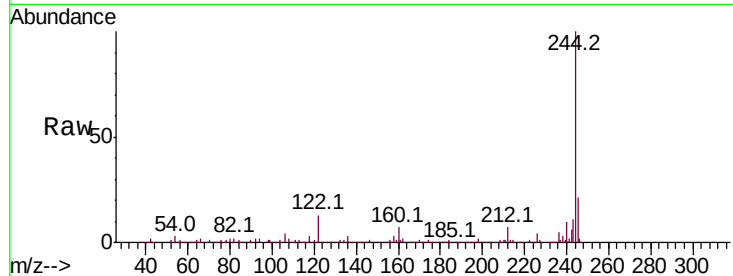
122 13.1 10.3 15.5

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#80

Butylbenzylphthalate

Concen: 41.888 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BF119727.D

Acq: 3 Apr 2020 19:20

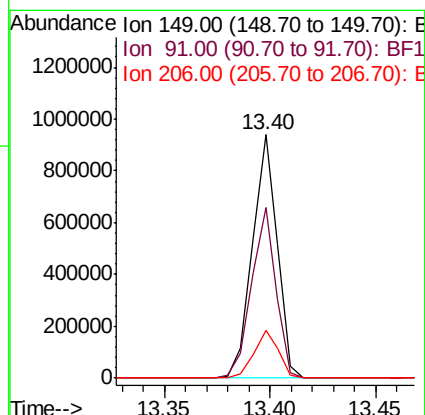
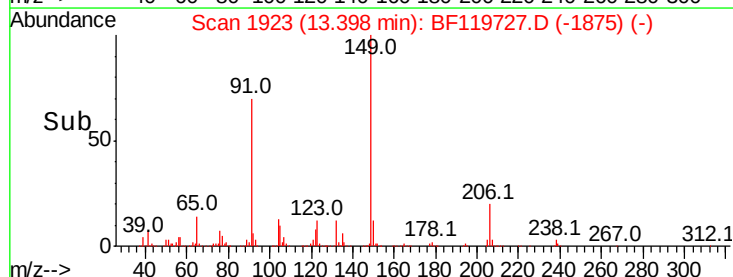
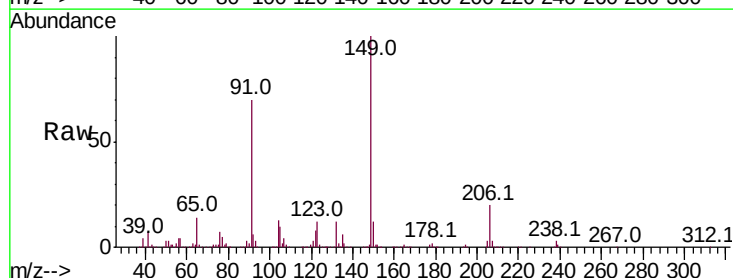
Tgt Ion:149 Resp: 764598

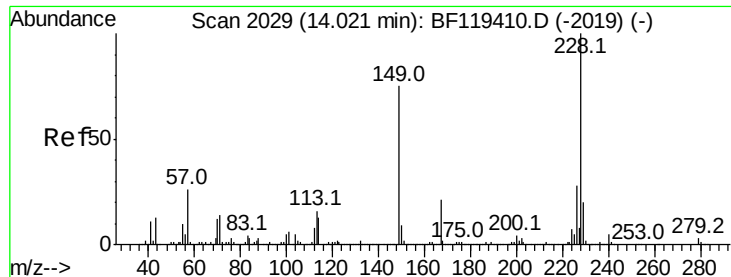
Ion Ratio Lower Upper

149 100

91 69.9 54.7 82.1

206 19.6 16.2 24.2





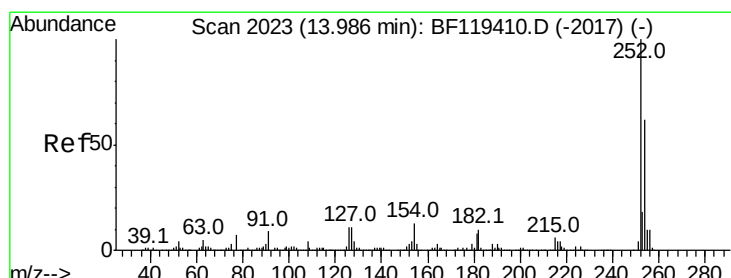
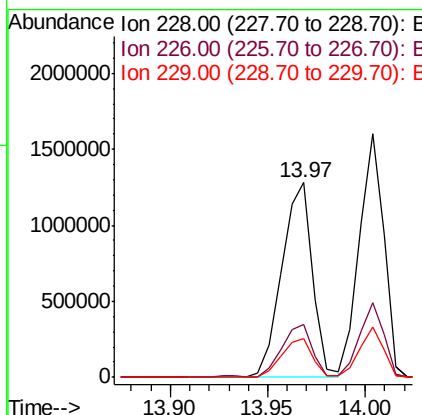
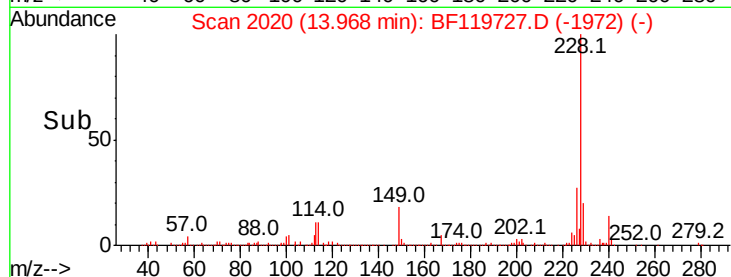
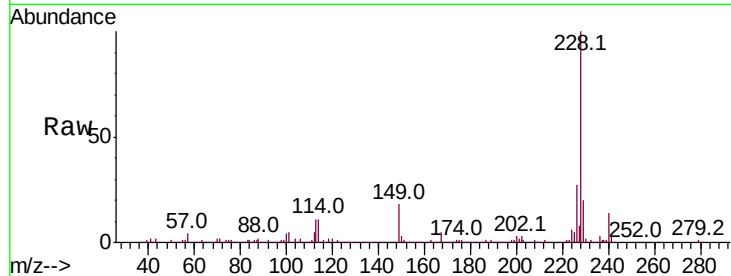
#81
Benzo(a)anthracene
Concen: 38.887 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.9	16.2	24.4

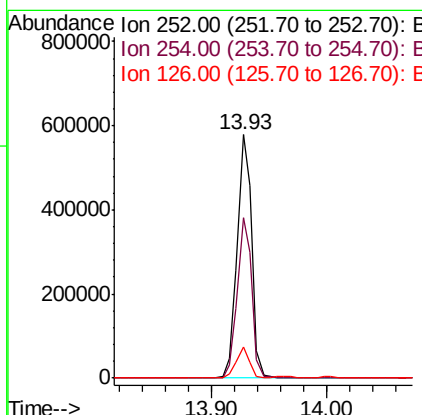
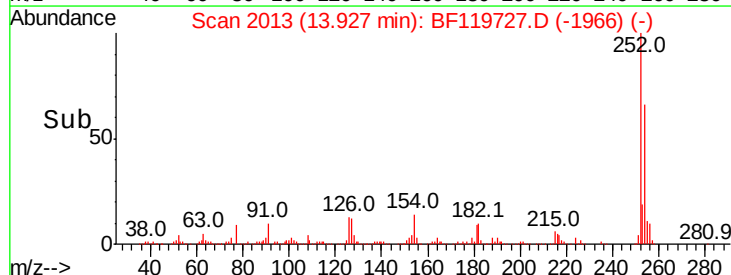
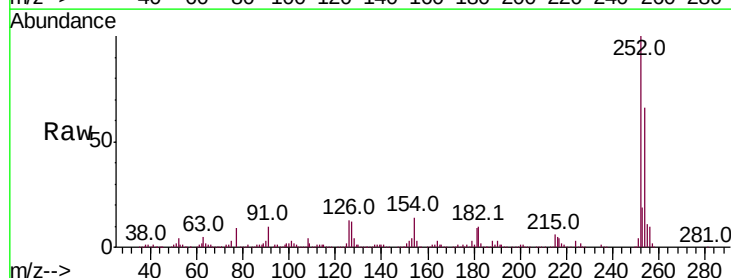
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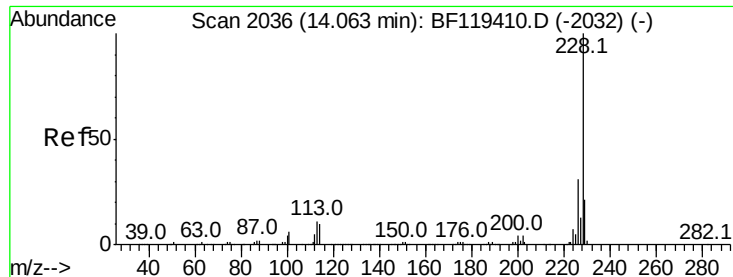
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#82
3,3'-Dichlorobenzidine
Concen: 35.886 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.2	76.8
126	12.6	9.6	14.4





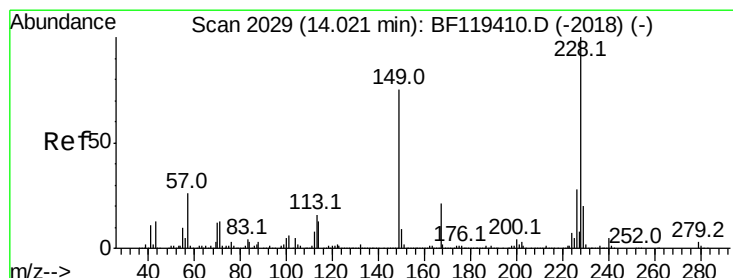
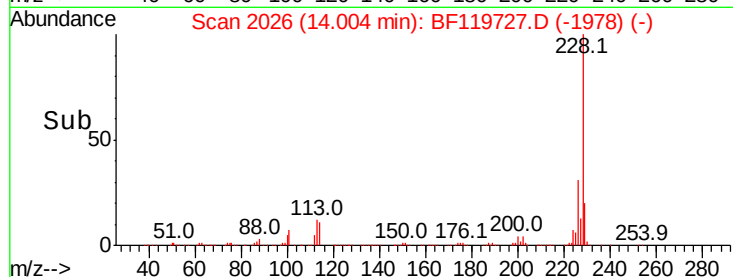
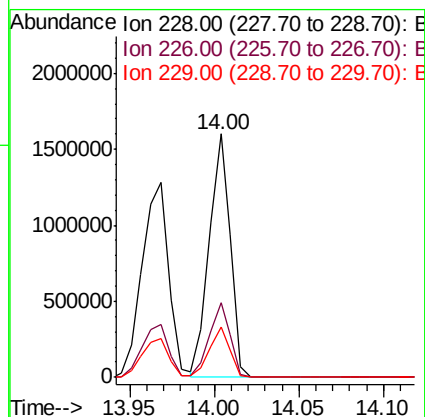
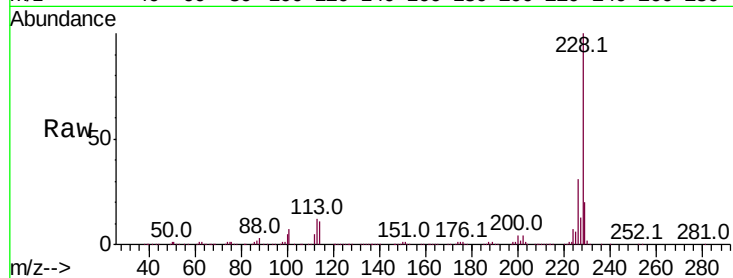
#83
 Chrysene
 Concen: 37.883 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	20.4	16.6	24.8

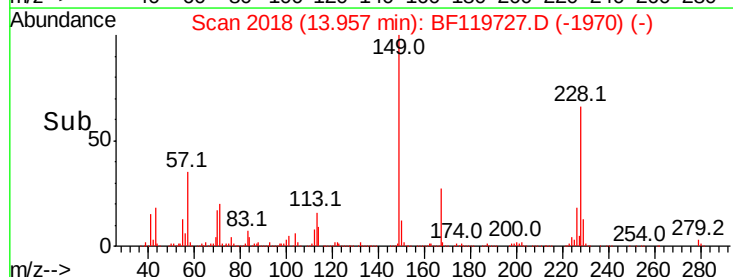
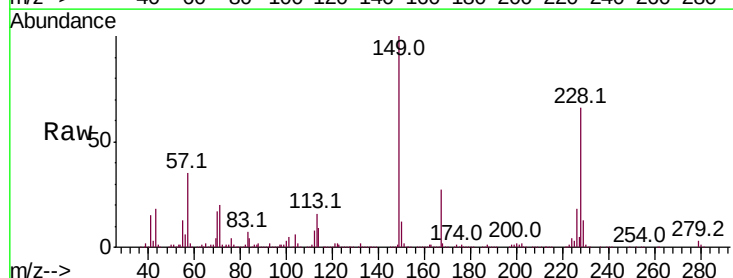
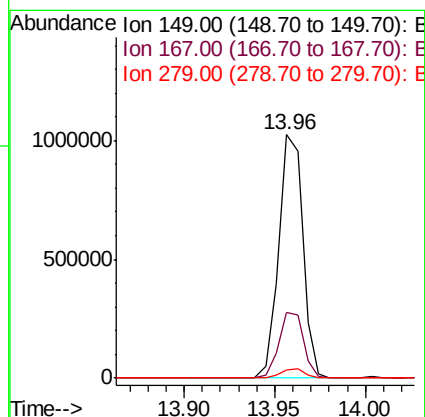
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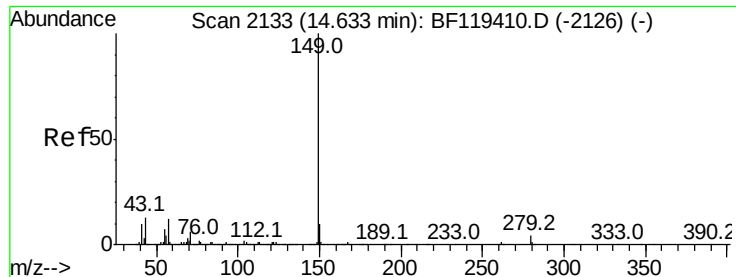
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.590 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.02 min
 Lab File: BF119727.D
 Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.3	2.7	4.1





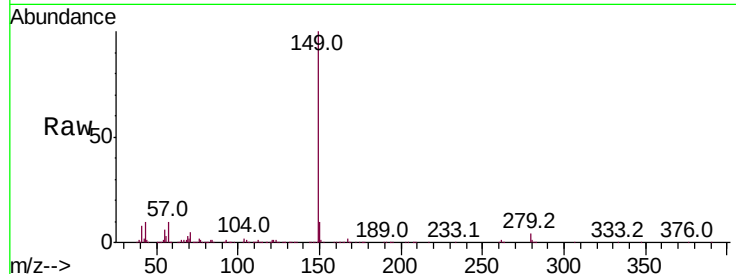
#85
Di-n-octyl phthalate
Concen: 42.398 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

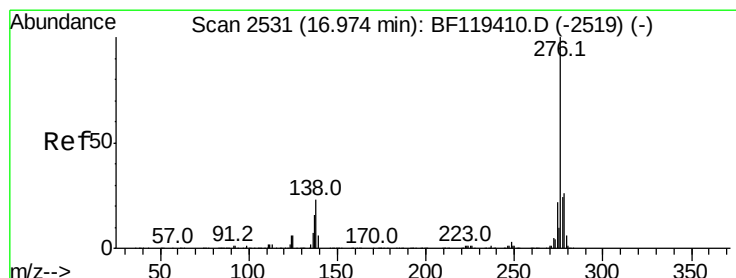
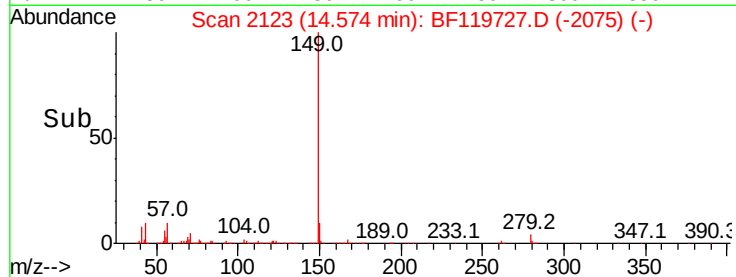
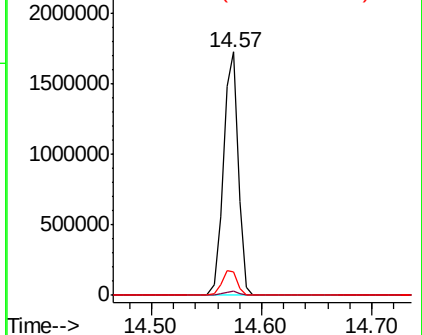
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.7	9.3	13.9

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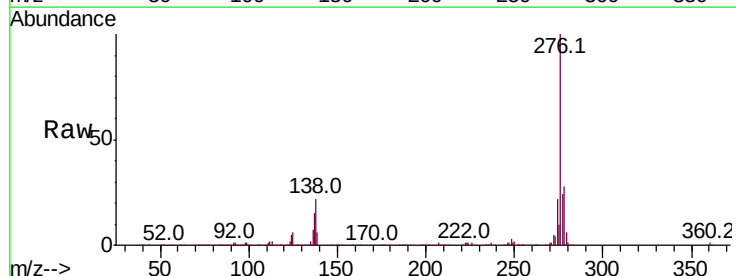


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

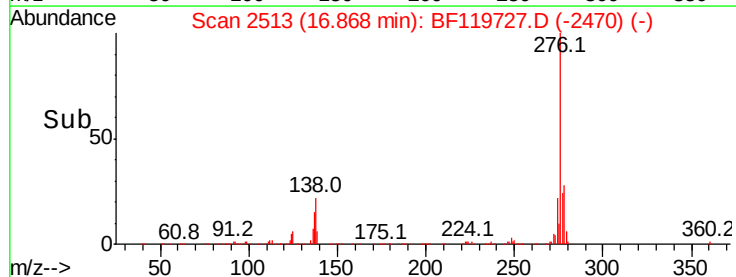
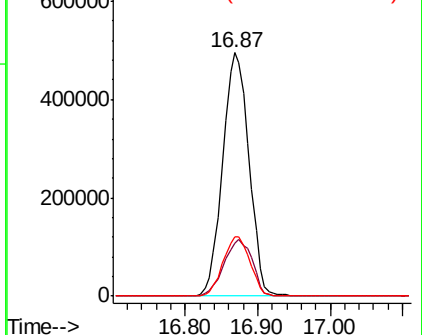


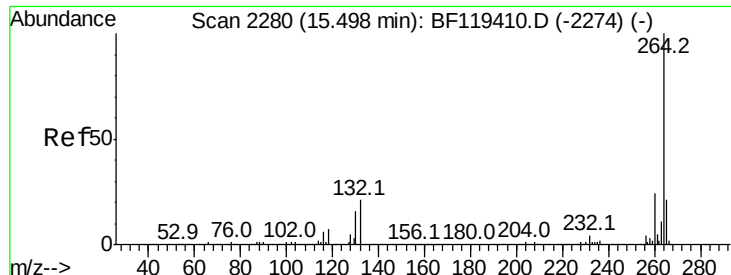
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.898 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.05 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.6	29.4
277	25.1	20.0	30.0



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





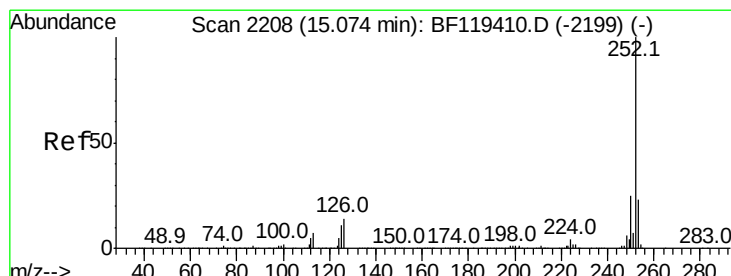
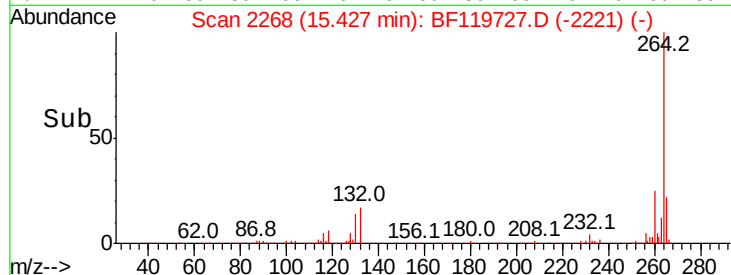
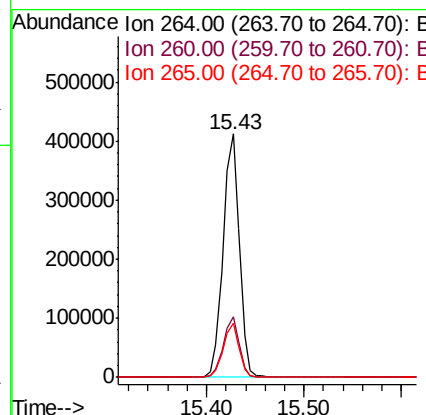
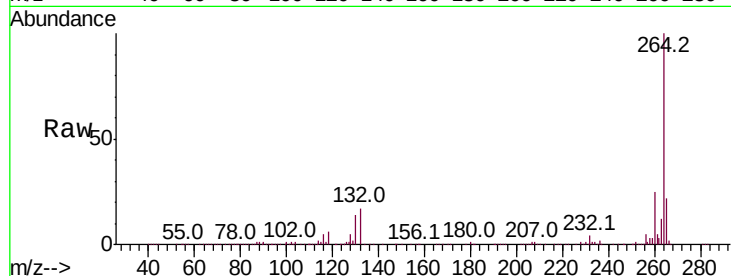
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.0	17.7	26.5

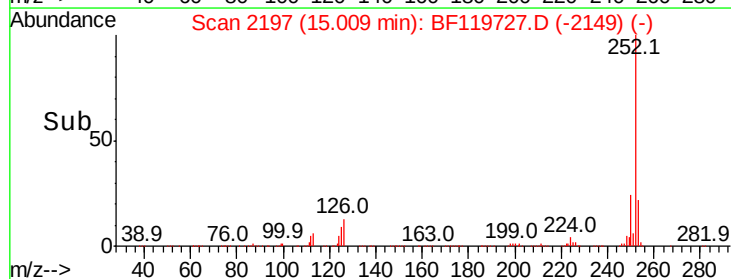
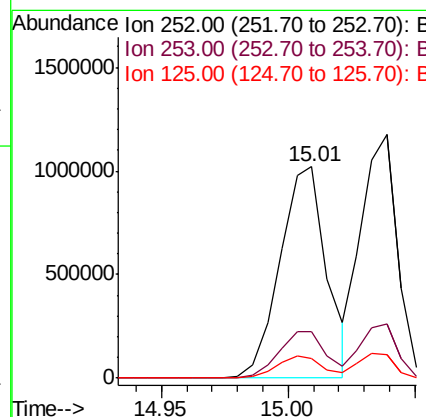
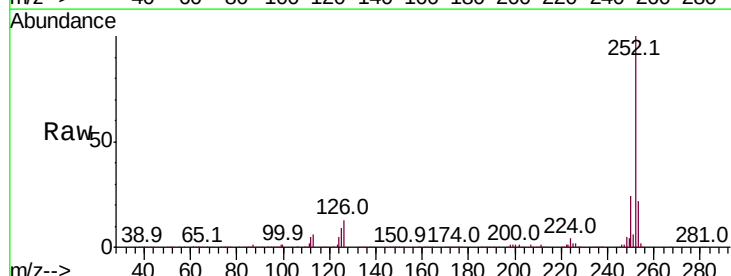
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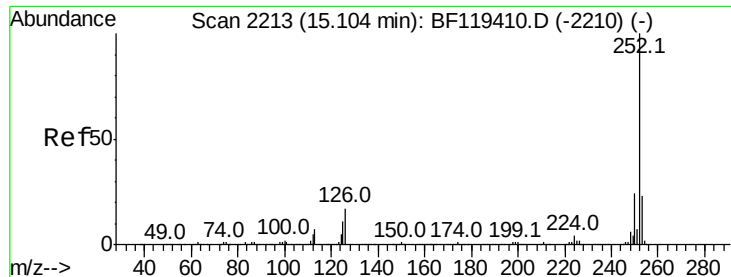
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#88
Benzo(b)fluoranthene
Concen: 41.181 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.4	7.9	11.9





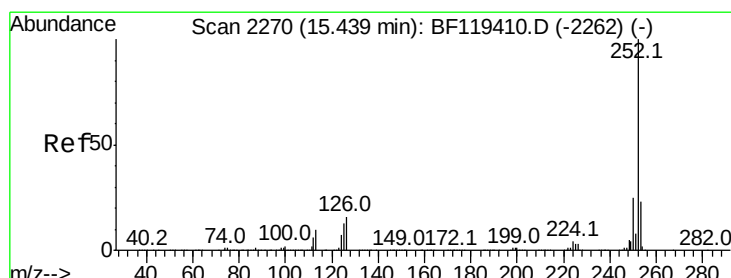
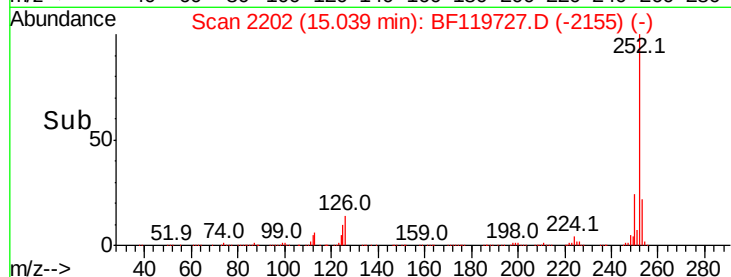
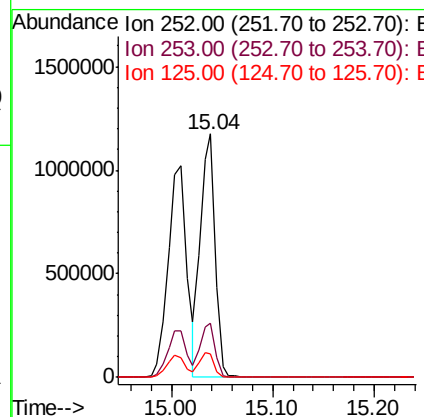
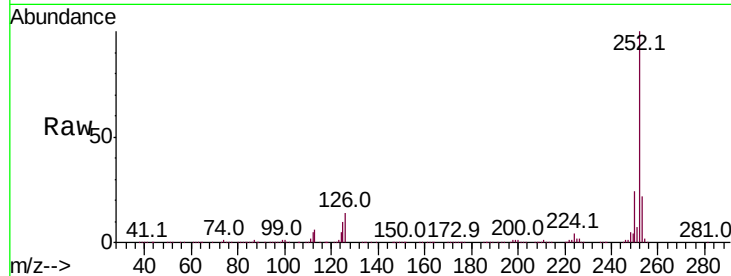
#89
Benzo(k)fluoranthene
Concen: 38.700 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1174954
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 9.5 8.4 12.6

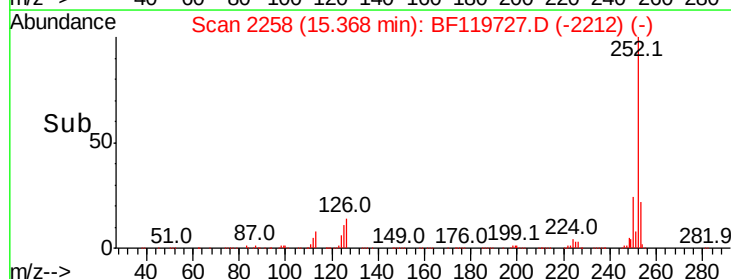
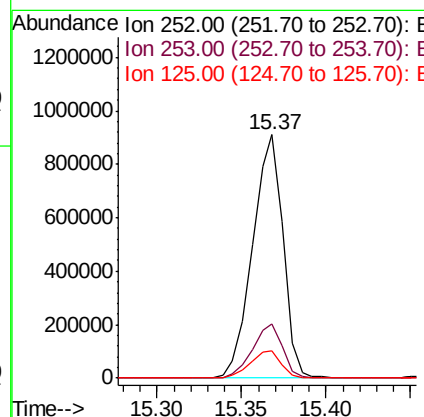
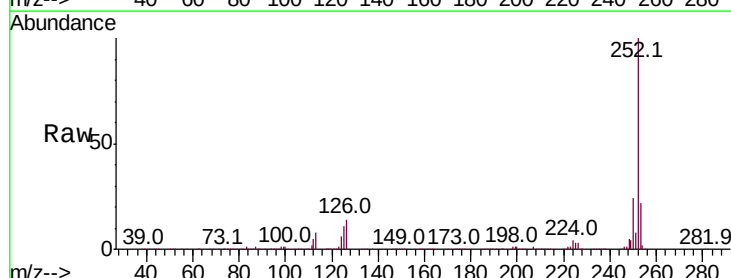
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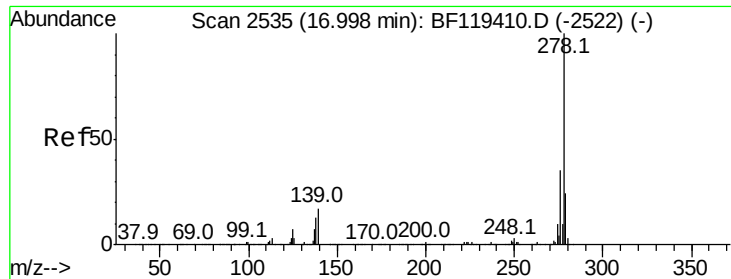
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#90
Benzo(a)pyrene
Concen: 39.554 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.03 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion:252 Resp: 1146145
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 11.1 9.4 14.2





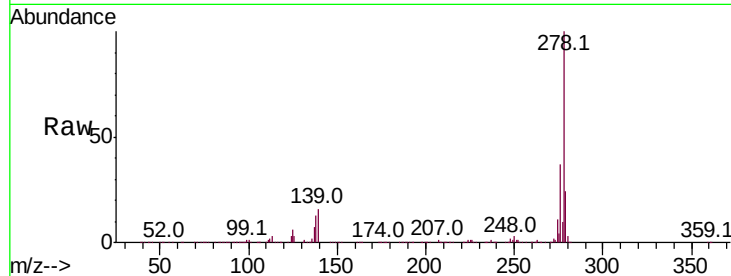
#91
Dibenzo(a,h)anthracene
Concen: 40.069 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.04 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

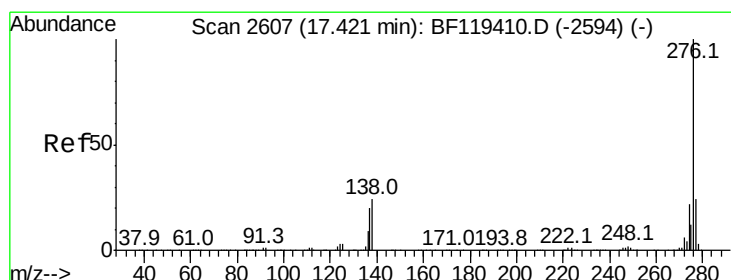
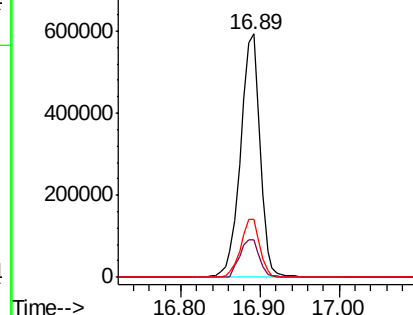
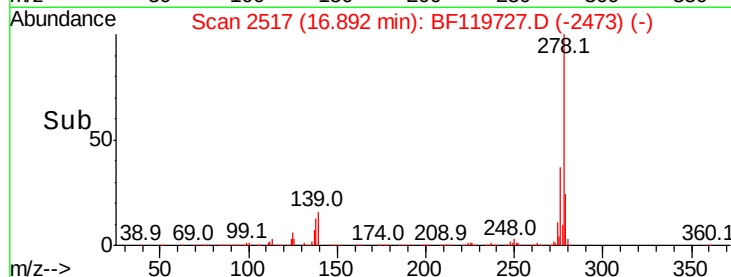
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	19.0
279	23.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:53 PM

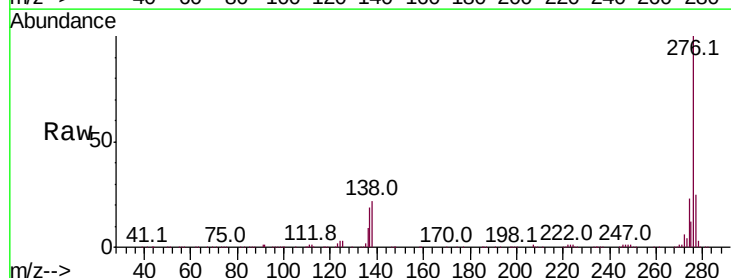


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.358 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.05 min
Lab File: BF119727.D
Acq: 3 Apr 2020 19:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	21.9	15.4	23.0



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

