

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119524.D
 Acq On : 26 Mar 2020 3:15
 Operator : CG/JU
 Sample : L2028-02 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-(5.5-6)

Quant Time: Mar 26 07:00:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

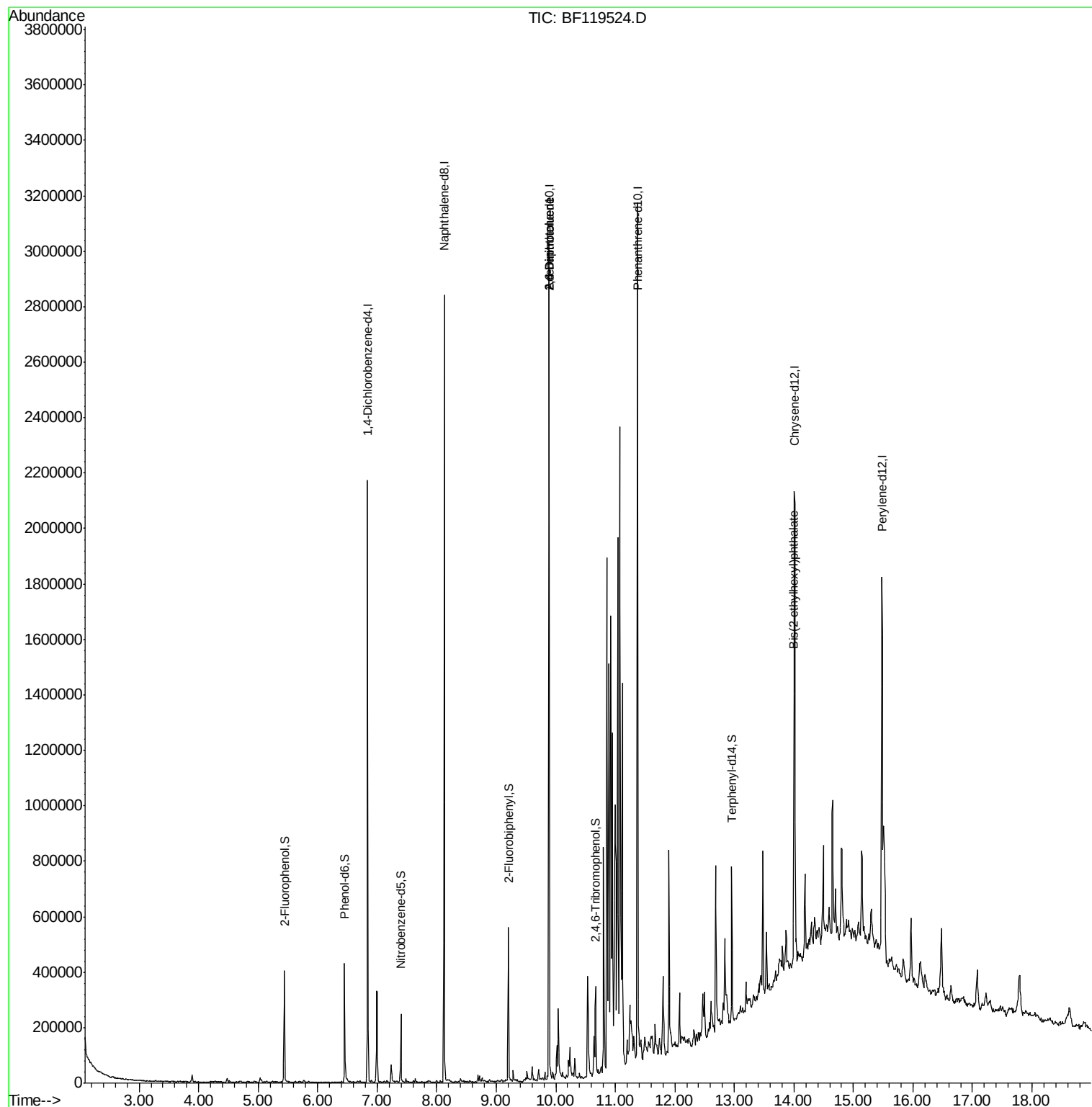
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	290787	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1106105	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	555315	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1015775	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	607940	20.00	ng	-0.02
87) Perylene-d12	15.48	264	635668	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	94847	5.19	ng	-0.02
7) Phenol-d6	6.45	99	126268	5.41	ng	-0.02
23) Nitrobenzene-d5	7.40	82	69966	3.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	32490	5.67	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	170437	4.55	ng	-0.02
79) Terphenyl-d14	12.96	244	165922	5.35	ng	-0.02
Target Compounds						
51) 2,6-Dinitrotoluene	9.89	165	72706	8.600	ng	# 19
57) 2,4-Dinitrotoluene	9.89	165	72709	6.827	ng	# 25
84) Bis(2-ethylhexyl)phthalate	14.00	149	100394	4.173	ng	100

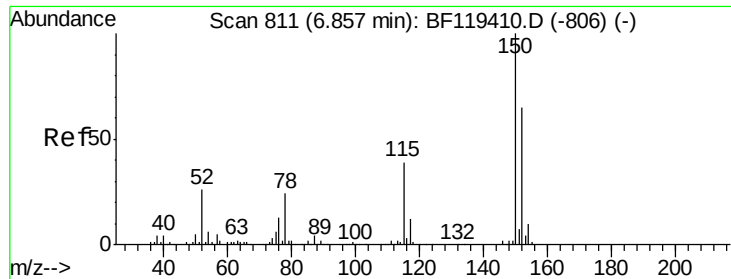
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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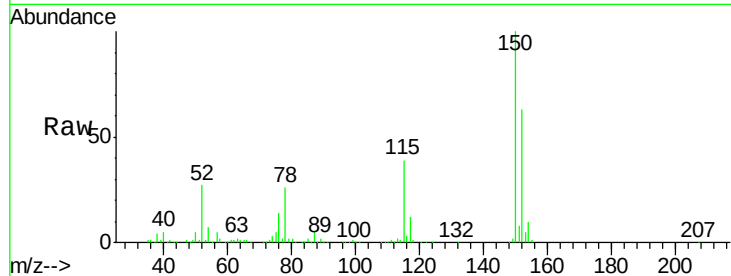


#1

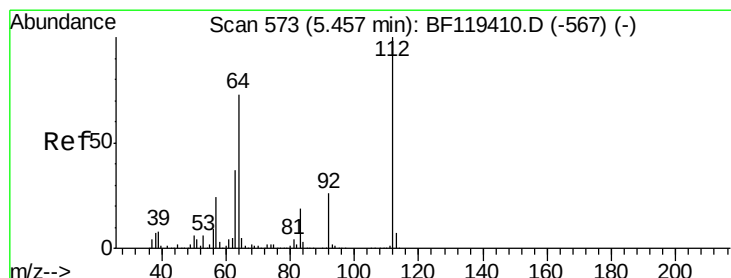
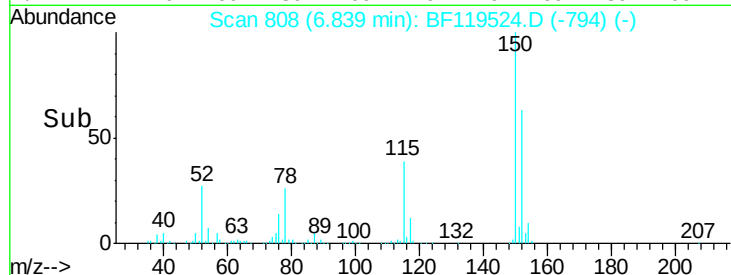
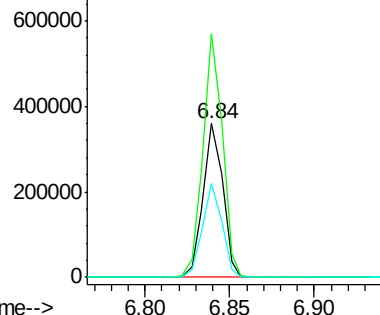
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119524.D
Acq: 26 Mar 2020 3:15

Instrument :
BNA_F
ClientSampleId :
SB-31-(5.5-6)

Tgt Ion:152 Resp: 290787
Ion Ratio Lower Upper
152 100
150 158.1 123.9 185.9
115 61.2 47.8 71.6



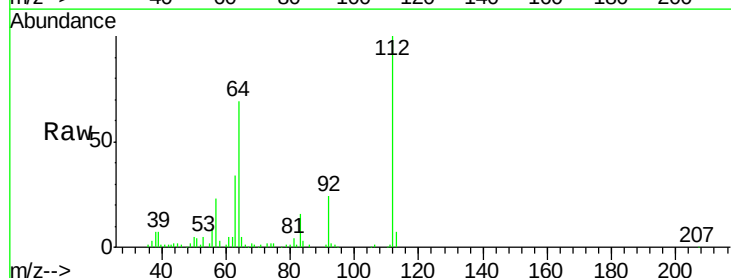
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



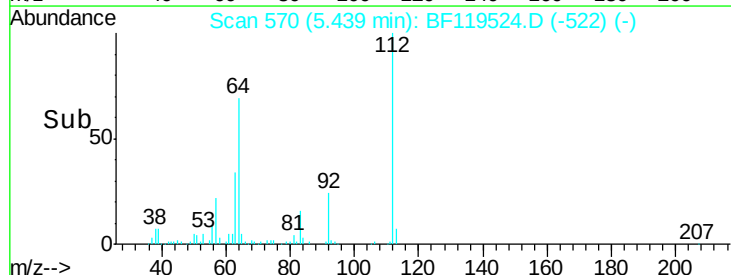
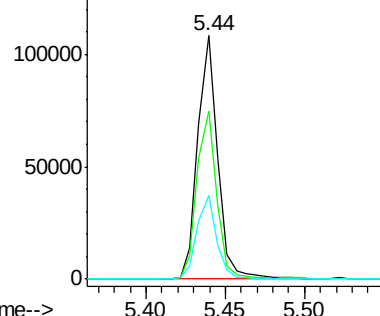
#5

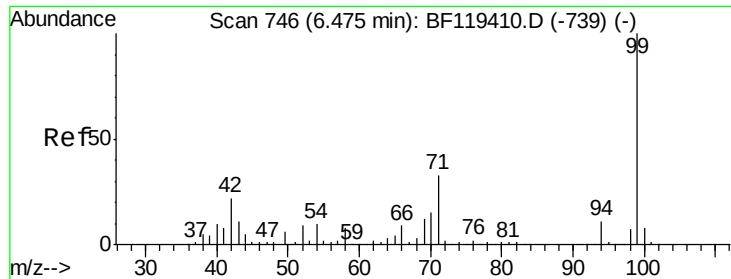
2-Fluorophenol
Concen: 5.192 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF119524.D
Acq: 26 Mar 2020 3:15

Tgt Ion:112 Resp: 94847
Ion Ratio Lower Upper
112 100
64 69.0 58.1 87.1
63 34.3 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 5.411 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF119524.D

Acq: 26 Mar 2020 3:15

Instrument :

BNA_F

ClientSampleId :

SB-31-(5.5-6)

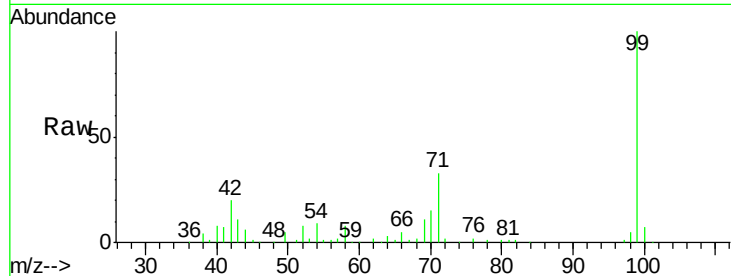
Tgt Ion: 99 Resp: 126268

Ion Ratio Lower Upper

99 100

42 19.8 17.8 26.6

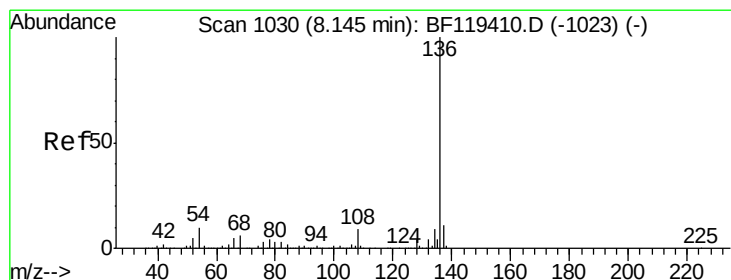
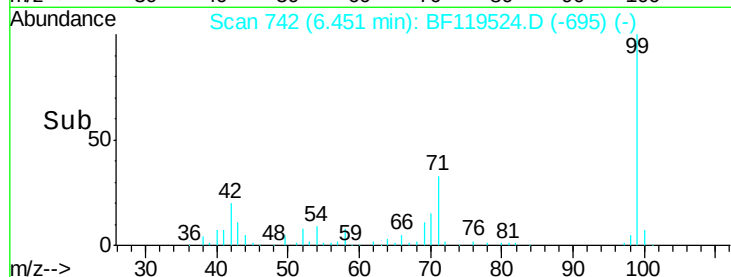
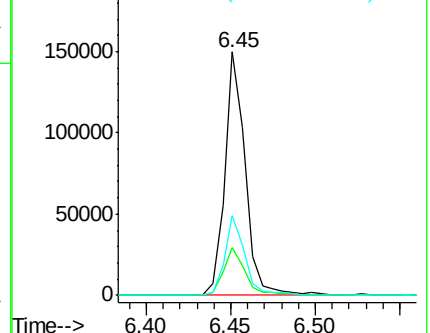
71 32.8 26.0 39.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119524.D

Acq: 26 Mar 2020 3:15

Tgt Ion: 136 Resp: 1106105

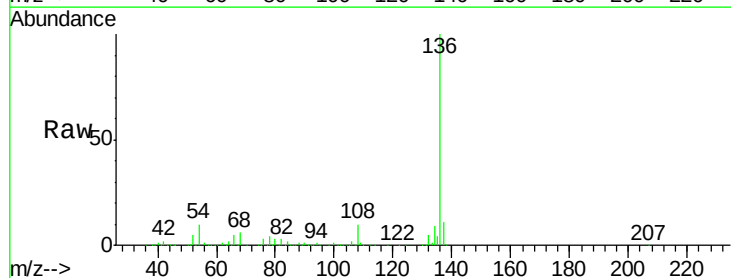
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.4 8.3 12.5

68 5.8 4.9 7.3

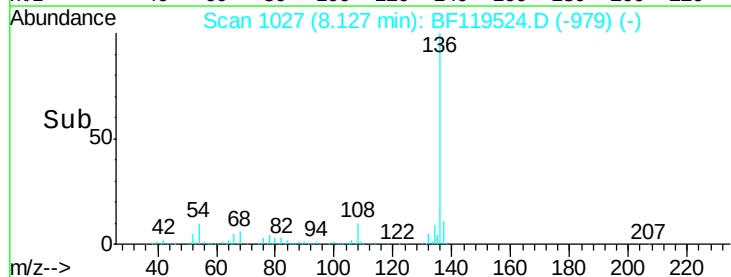
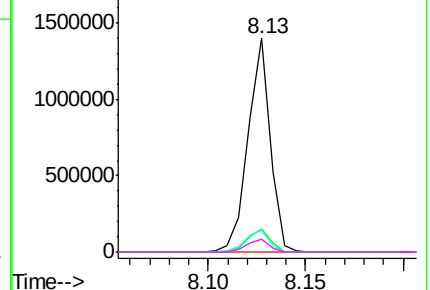


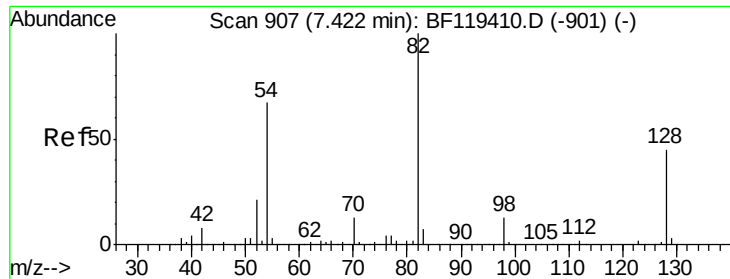
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

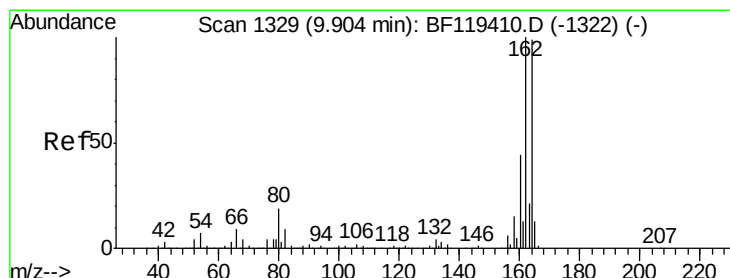
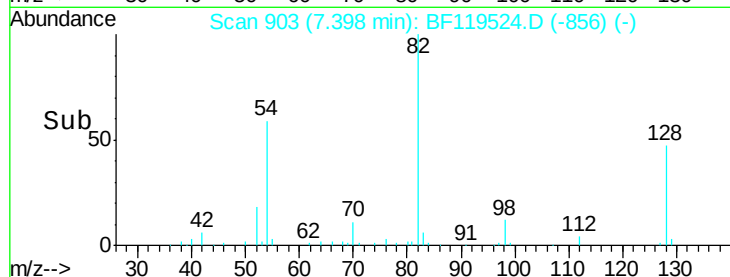
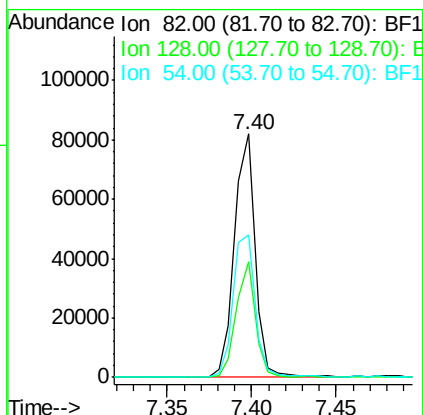
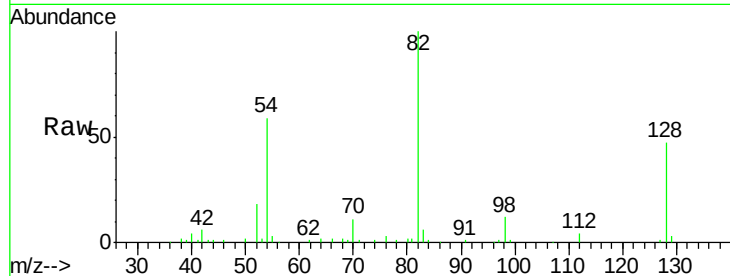




#23
 Nitrobenzene-d5
 Concen: 3.438 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF119524.D
 Acq: 26 Mar 2020 3:15

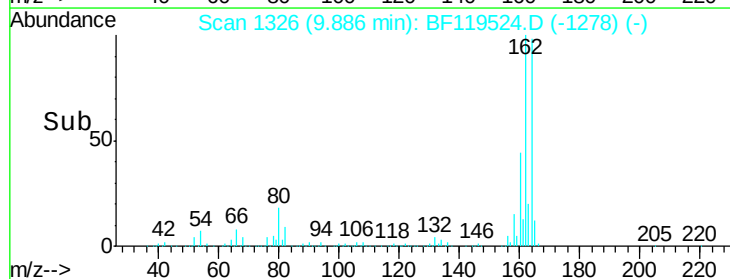
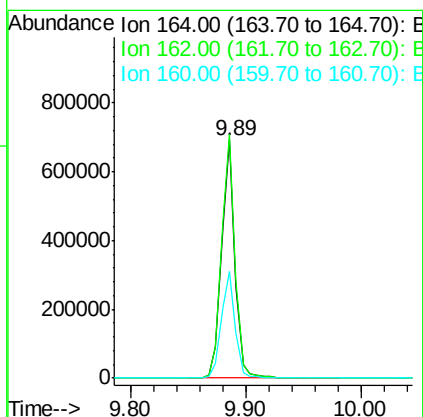
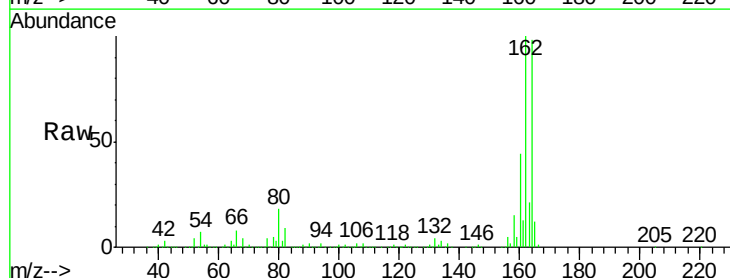
Instrument :
 BNA_F
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 SB-31-(5.5-6)

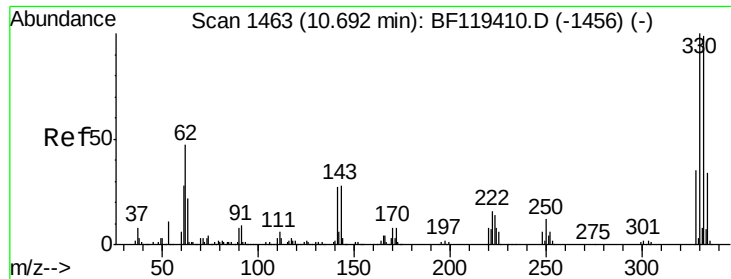
Tgt Ion: 82 Resp: 69966
 Ion Ratio Lower Upper
 82 100
 128 47.4 35.8 53.8
 54 58.6 53.4 80.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: BF119524.D
 Acq: 26 Mar 2020 3:15

Tgt Ion: 164 Resp: 555315
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.7 121.1
 160 44.9 35.5 53.3

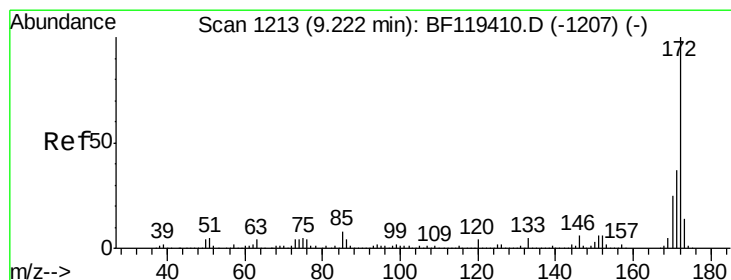
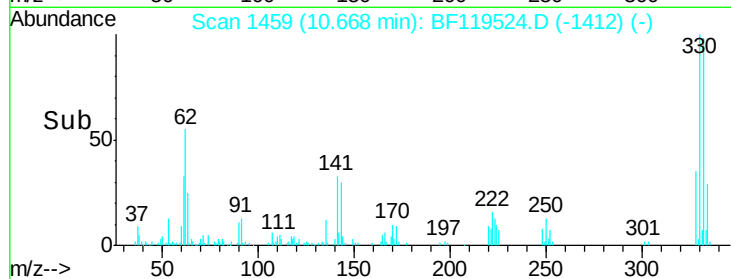
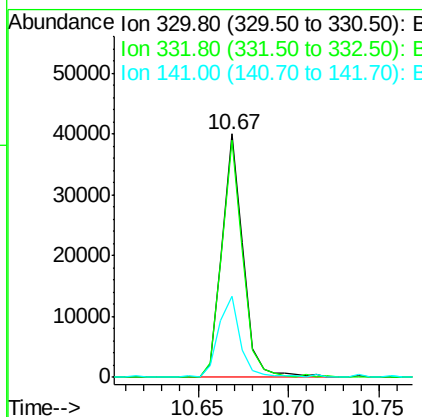
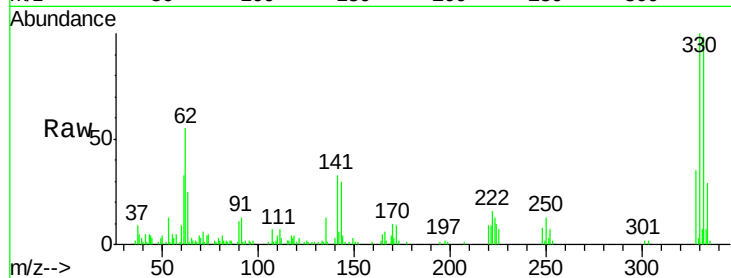




#42
 2,4,6-Tribromophenol
 Concen: 5.671 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF119524.D
 Acq: 26 Mar 2020 3:15

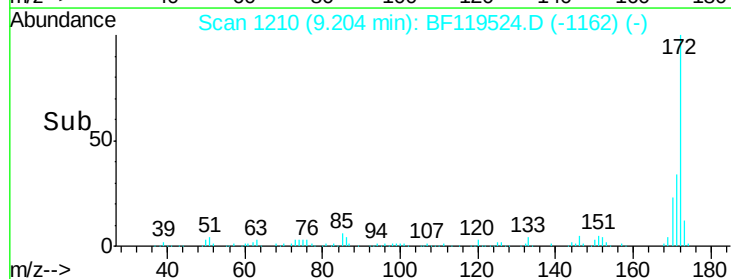
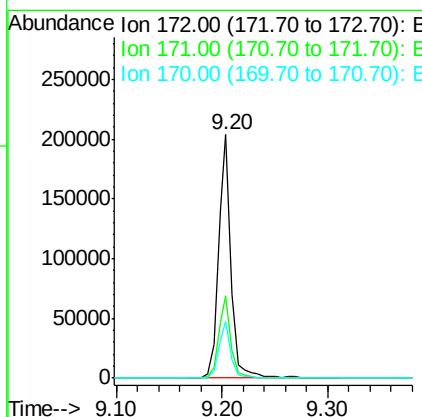
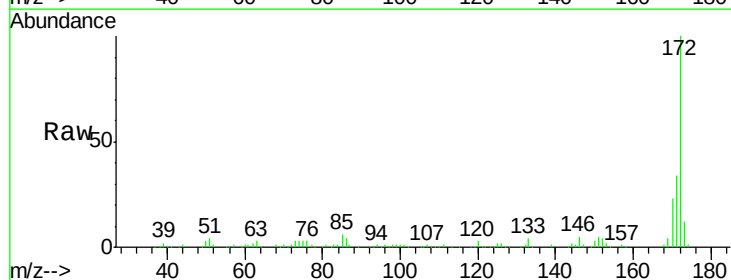
Instrument :
 BNA_F
 ClientSampleId :
 SB-31-(5.5-6)

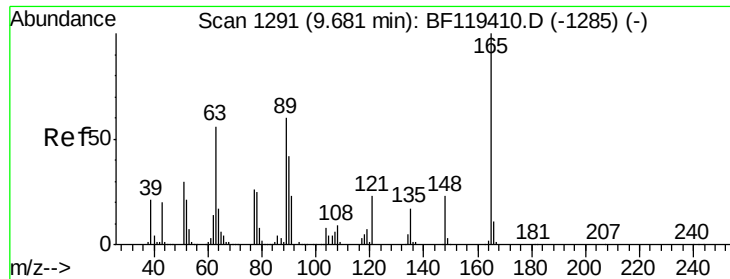
Tgt Ion:330 Resp: 32490
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.6 116.4
 141 34.5 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 4.547 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF119524.D
 Acq: 26 Mar 2020 3:15

Tgt Ion:172 Resp: 170437
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.9 44.9
 170 23.2 20.1 30.1

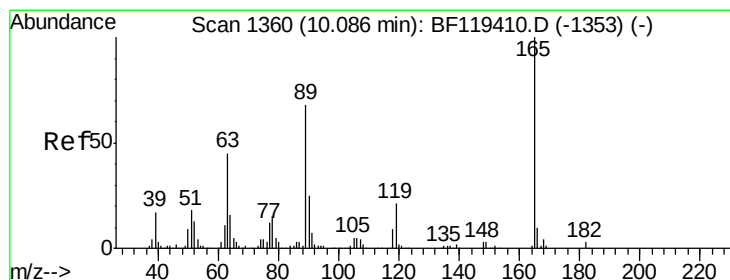
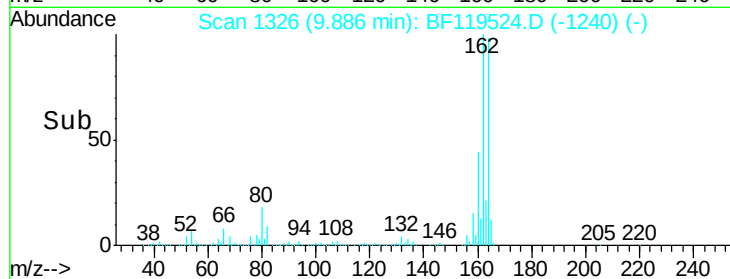
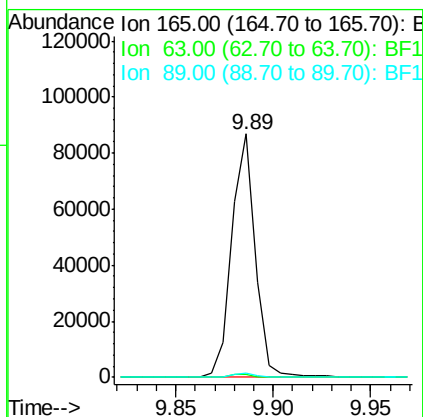
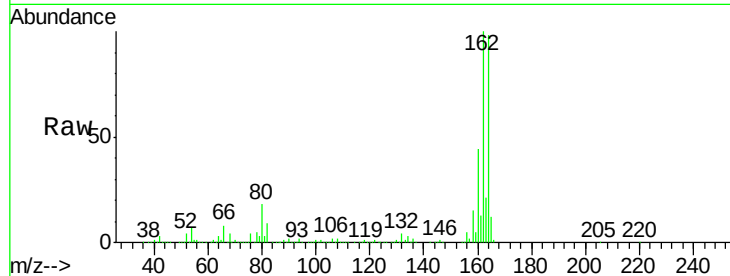




#51
 2,6-Dinitrotoluene
 Concen: 8.600 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF119524.D
 Acq: 26 Mar 2020 3:15

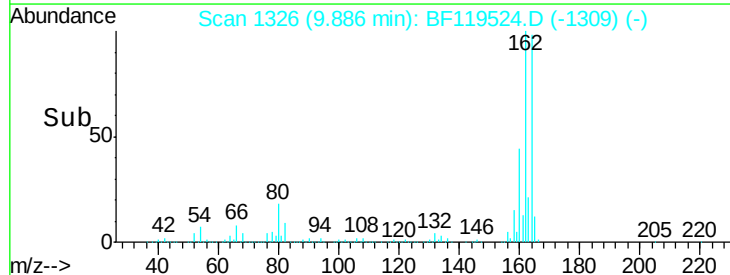
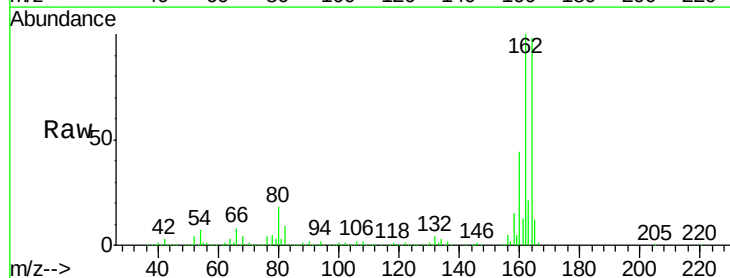
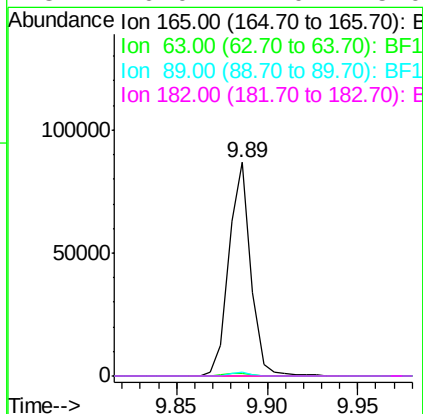
Instrument :
 BNA_F
 ClientSampleId :
 SB-31-(5.5-6)

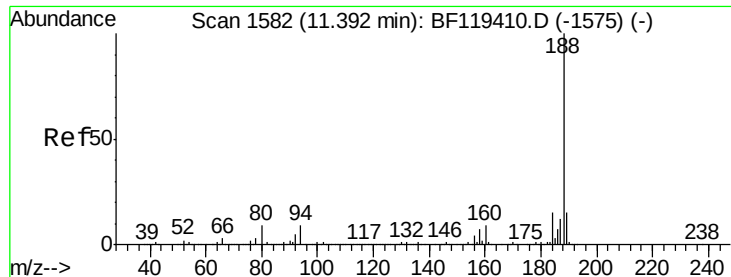
Tgt Ion:165 Resp: 72706
 Ion Ratio Lower Upper
 165 100
 63 1.1 57.3 85.9#
 89 1.6 47.8 71.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.827 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF119524.D
 Acq: 26 Mar 2020 3:15

Tgt Ion:165 Resp: 72709
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.2 54.4#
 89 1.6 54.3 81.5#
 182 0.0 2.0 3.0#

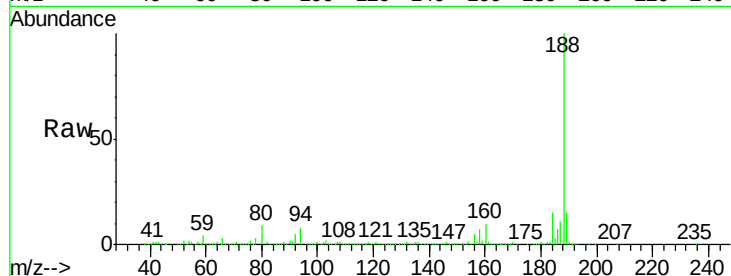




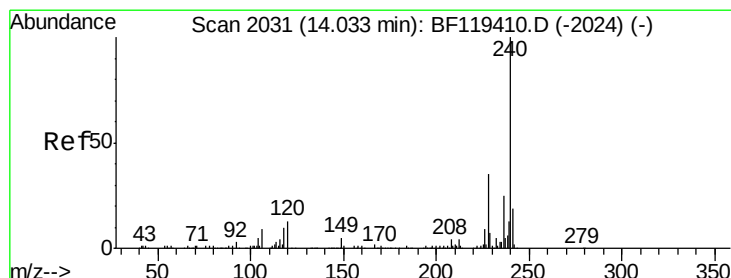
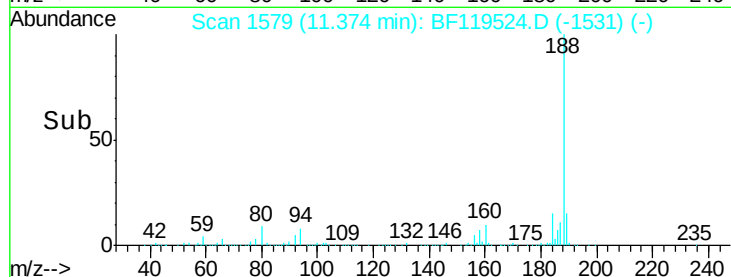
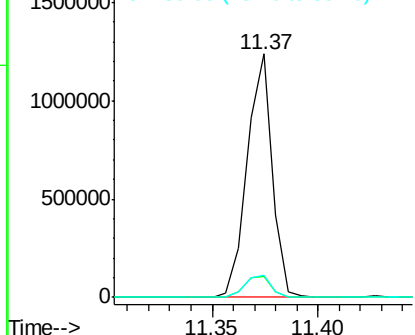
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119524.D
Acq: 26 Mar 2020 3:15

Instrument :
BNA_F
ClientSampleId :
SB-31-(5.5-6)

Tgt Ion:188 Resp: 1015775
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.0 7.5 11.3

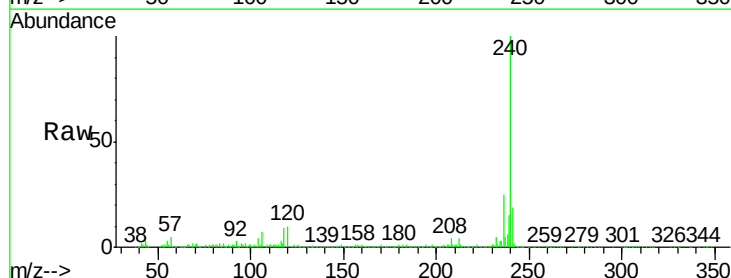


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

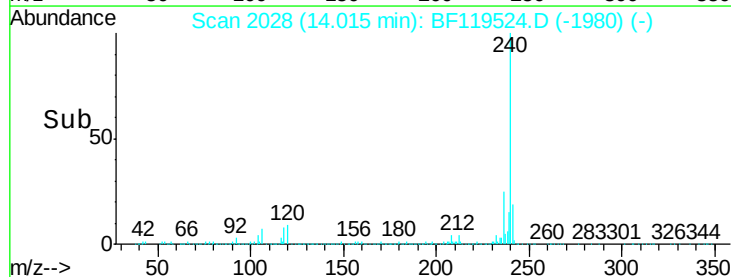
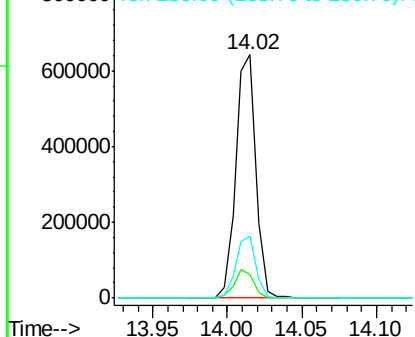


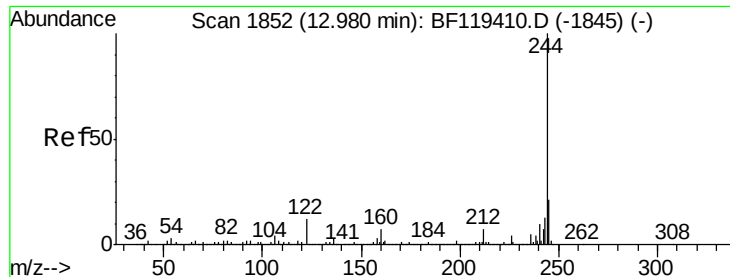
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119524.D
Acq: 26 Mar 2020 3:15

Tgt Ion:240 Resp: 607940
Ion Ratio Lower Upper
240 100
120 9.6 10.2 15.4#
236 25.3 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 5.347 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BF119524.D

Acq: 26 Mar 2020 3:15

Instrument :

BNA_F

ClientSampleId :

SB-31-(5.5-6)

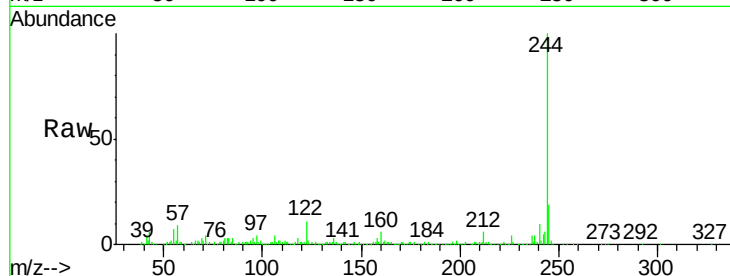
Tgt Ion:244 Resp: 165922

Ion Ratio Lower Upper

244 100

212 6.0 5.7 8.5

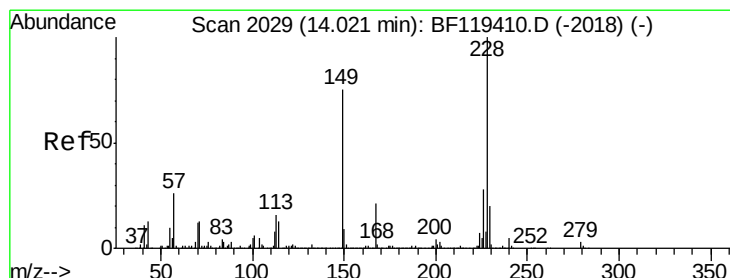
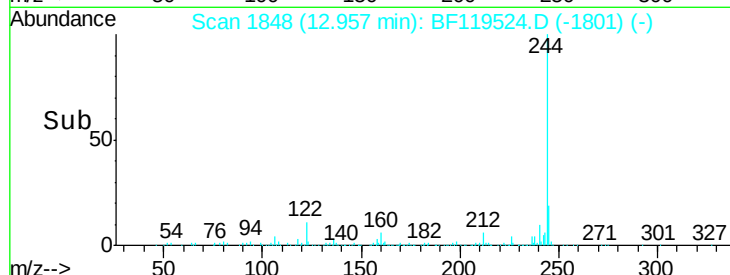
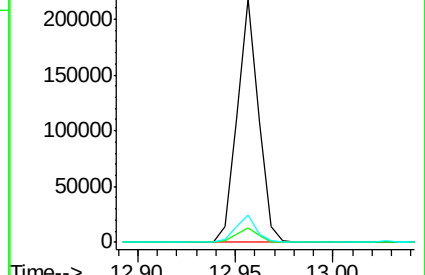
122 11.2 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.173 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF119524.D

Acq: 26 Mar 2020 3:15

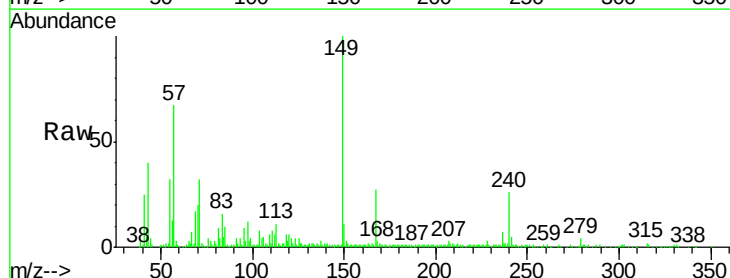
Tgt Ion:149 Resp: 100394

Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

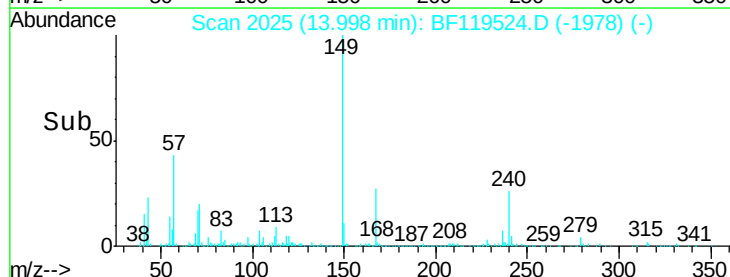
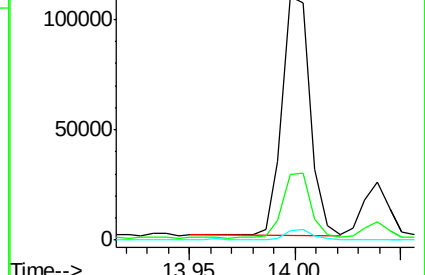
279 4.0 3.2 4.8

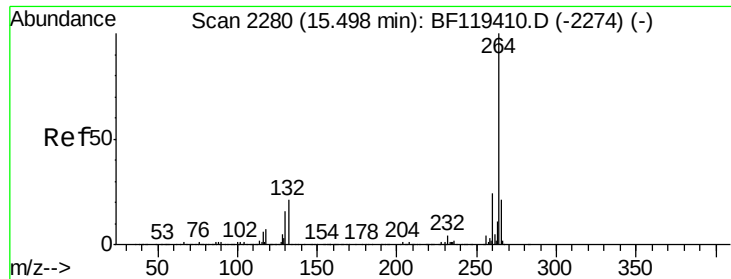


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF119524.D
Acq: 26 Mar 2020 3:15

Instrument :
BNA_F
ClientSampleId :
SB-31-(5.5-6)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	16.9	25.3

