

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033020\
 Data File : BF119642.D
 Acq On : 30 Mar 2020 19:26
 Operator : MA/SJ
 Sample : L2028-02 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 31 00:32:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

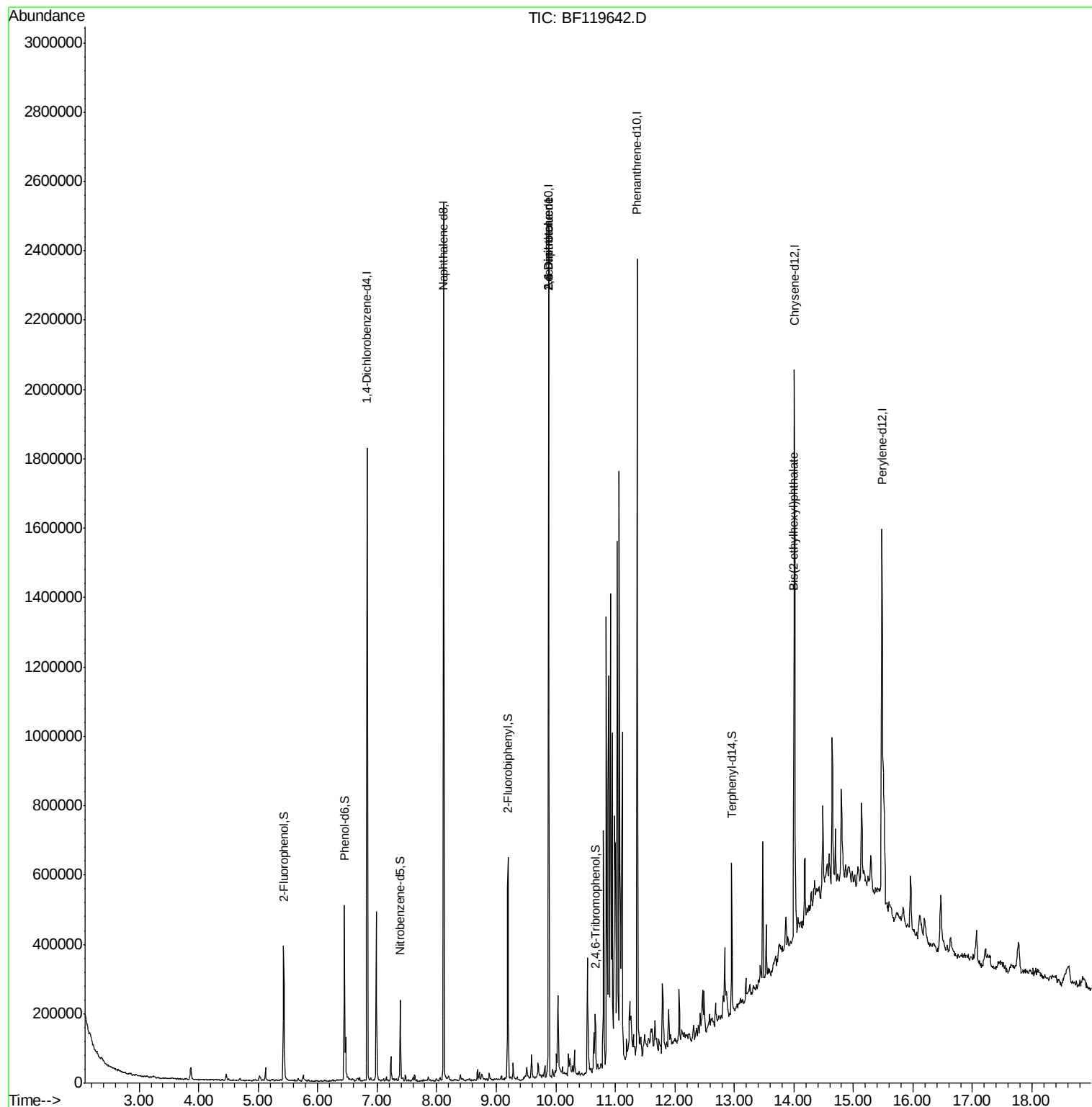
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	287380	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1037980	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	462551	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	726884	20.00	ng	0.00
76) Chrysene-d12	14.01	240	523035	20.00	ng	0.00
87) Perylene-d12	15.48	264	465299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	106422	5.90	ng	-0.01
7) Phenol-d6	6.45	99	149097	6.47	ng	-0.02
23) Nitrobenzene-d5	7.39	82	61371	3.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	16908	3.54	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	193043	6.18	ng	0.00
79) Terphenyl-d14	12.96	244	148352	5.56	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.88	165	60987	8.66	ng	# 26
57) 2,4-Dinitrotoluene	9.88	165	60987	6.87	ng	# 20
84) Bis(2-ethylhexyl)phthalate	14.00	149	83741	4.05	ng	98

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

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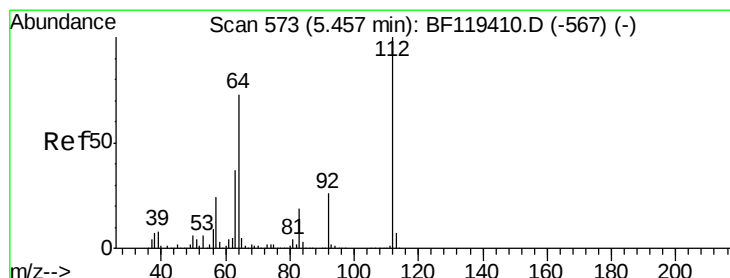
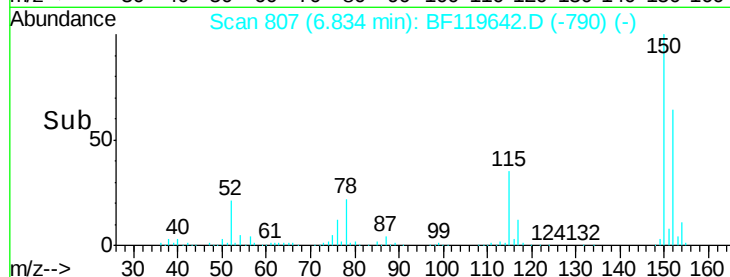
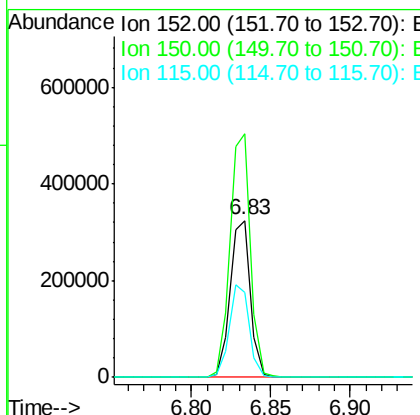
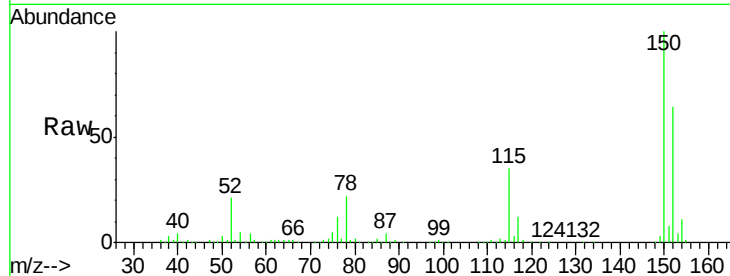




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119642.D
 Acq: 30 Mar 2020 19:26

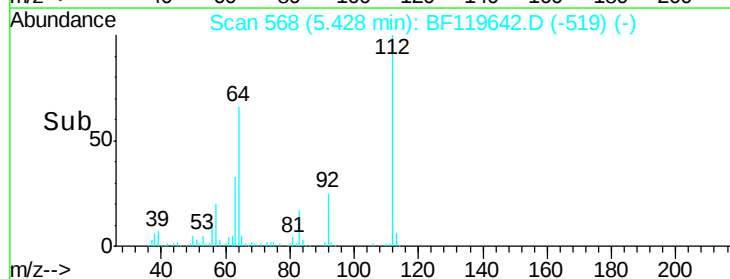
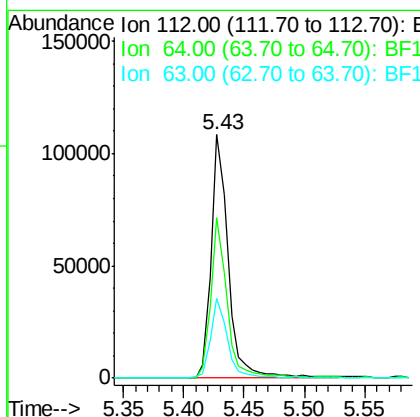
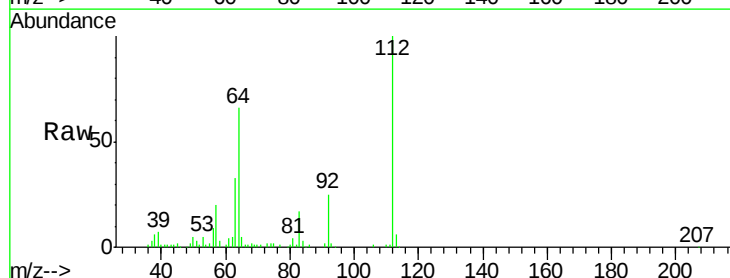
Instrument :
 BNA_F
 ClientSampleId :
 SB-31-(5.5-6)RE

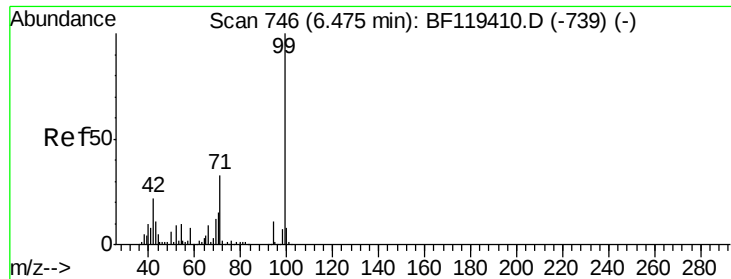
Tgt Ion:152 Resp: 287380
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.5 186.7
 115 54.3 49.6 74.4



#5
 2-Fluorophenol
 Concen: 5.90 ng
 RT: 5.43 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF119642.D
 Acq: 30 Mar 2020 19:26

Tgt Ion:112 Resp: 106422
 Ion Ratio Lower Upper
 112 100
 64 66.1 56.7 85.1
 63 32.8 29.5 44.3





#7

Phenol-d6

Concen: 6.47 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF119642.D

Acq: 30 Mar 2020 19:26

Instrument :

BNA_F

ClientSampleId :

SB-31-(5.5-6)RE

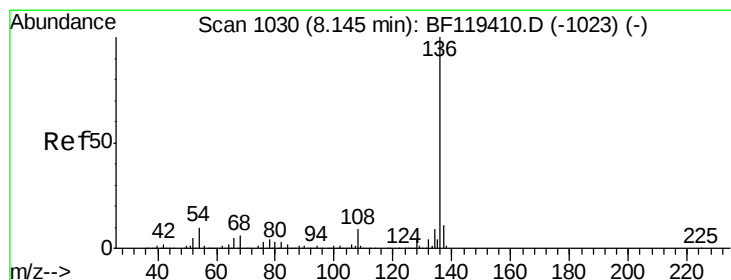
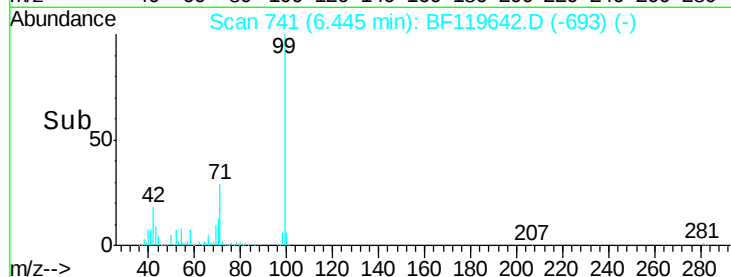
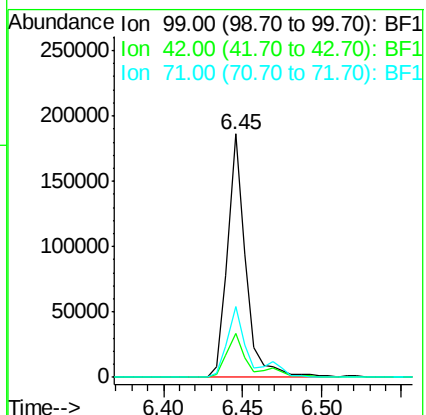
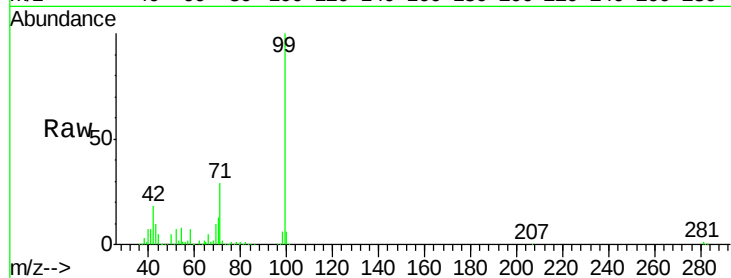
Tgt Ion: 99 Resp: 149097

Ion Ratio Lower Upper

99 100

42 18.3 16.6 24.8

71 28.9 26.4 39.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119642.D

Acq: 30 Mar 2020 19:26

Tgt Ion: 136 Resp: 1037980

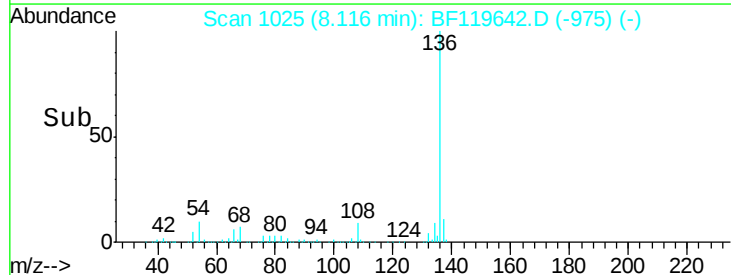
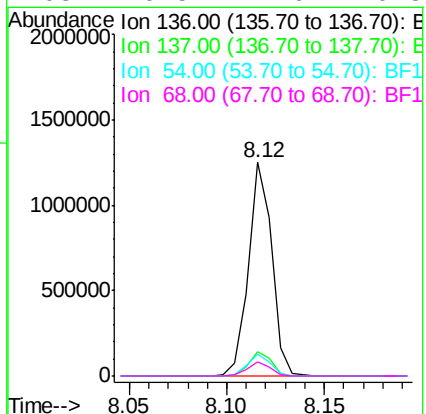
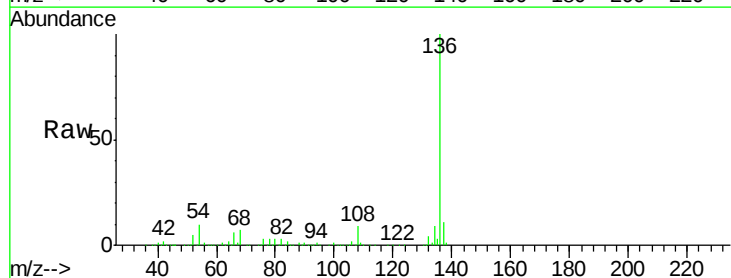
Ion Ratio Lower Upper

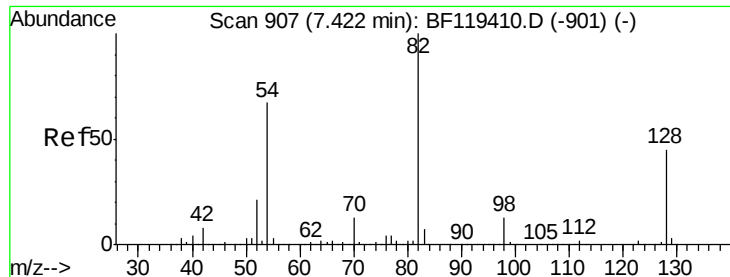
136 100

137 11.2 8.7 13.1

54 10.5 9.1 13.7

68 6.5 4.6 6.8

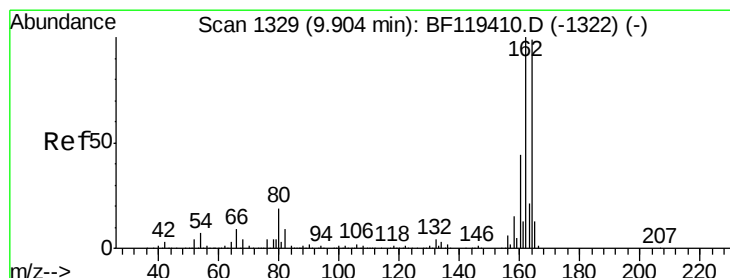
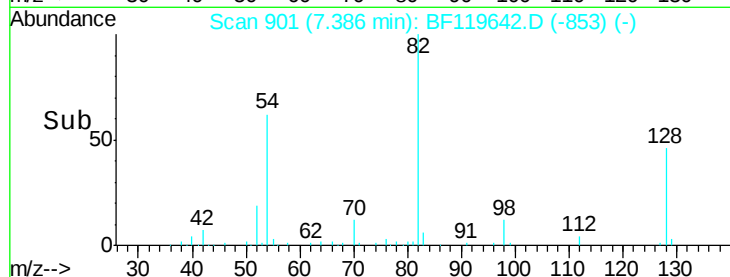
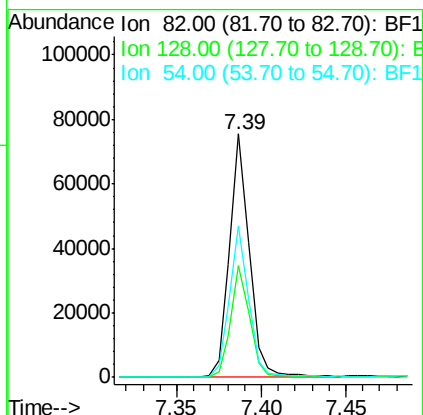
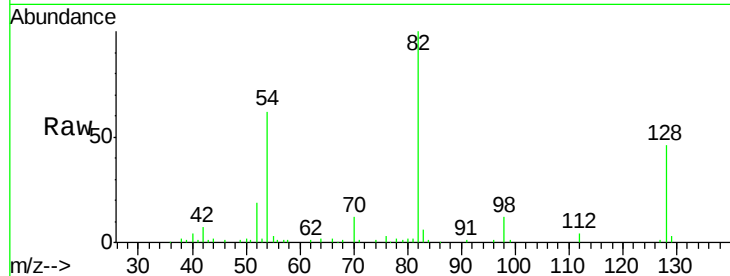




#23
 Nitrobenzene-d5
 Concen: 3.21 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF119642.D
 Acq: 30 Mar 2020 19:26

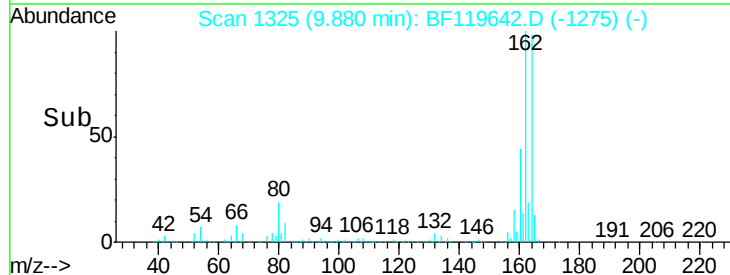
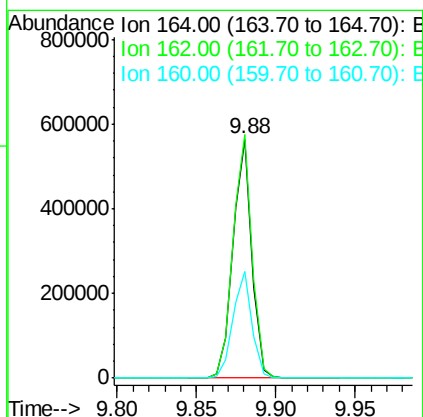
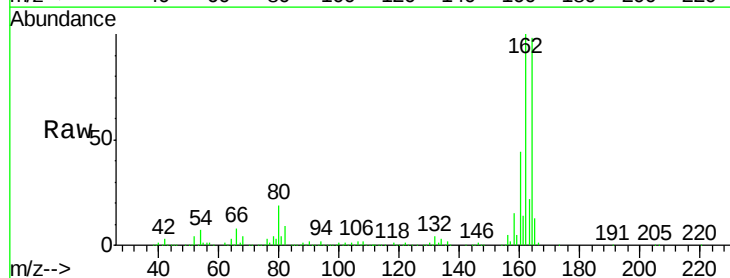
Instrument :
 BNA_F
 ClientSampleId :
 SB-31-(5.5-6)RE

Tgt Ion: 82 Resp: 61371
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.3 54.5
 54 62.0 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF119642.D
 Acq: 30 Mar 2020 19:26

Tgt Ion: 164 Resp: 462551
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 121.0
 160 44.8 35.7 53.5

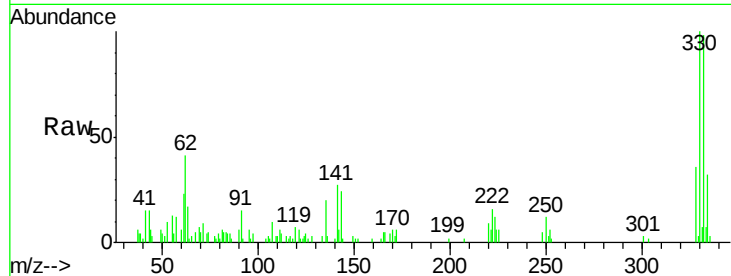




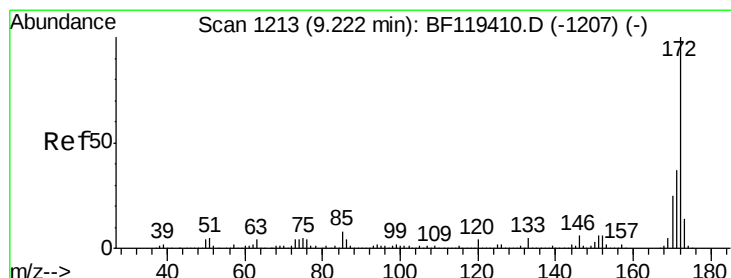
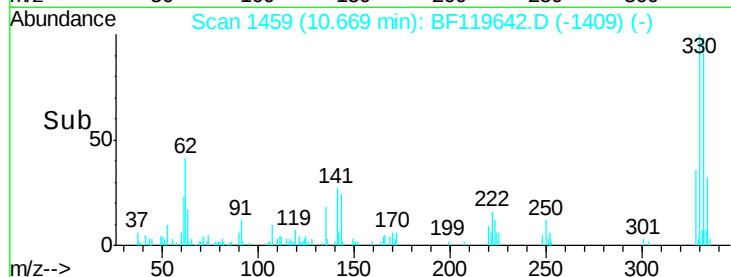
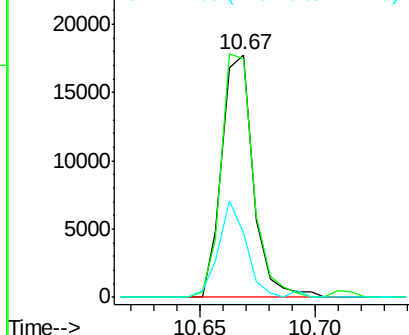
#42
 2,4,6-Tribromophenol
 Concen: 3.54 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119642.D
 Acq: 30 Mar 2020 19:26

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

Tgt Ion:330 Resp: 16908
 Ion Ratio Lower Upper
 330 100
 332 101.6 75.7 113.5
 141 34.4 25.4 38.0

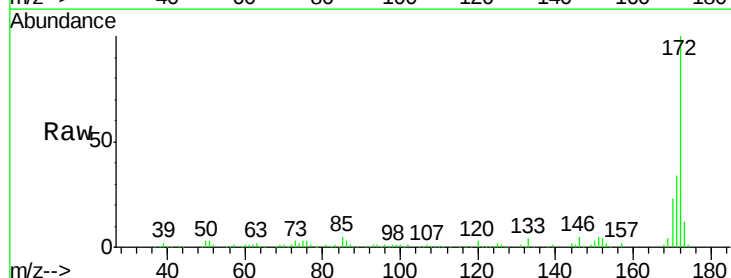


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

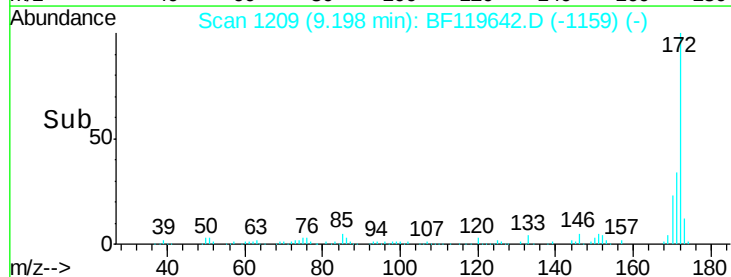
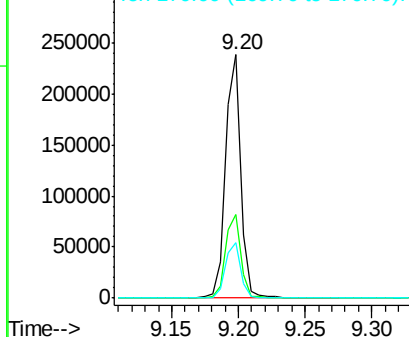


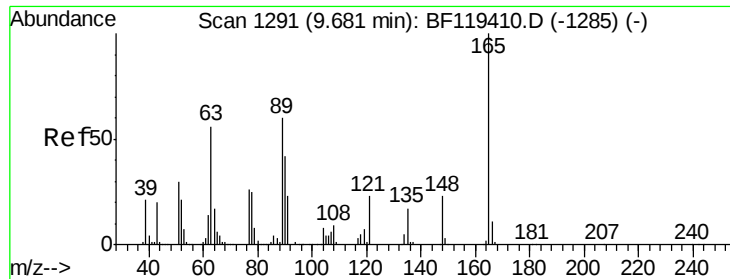
#45
 2-Fluorobiphenyl
 Concen: 6.18 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119642.D
 Acq: 30 Mar 2020 19:26

Tgt Ion:172 Resp: 193043
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.6 44.4
 170 22.8 20.2 30.2



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





#51

2,6-Dinitrotoluene

Concen: 8.66 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.21 min

Lab File: BF119642.D

Acq: 30 Mar 2020 19:26

Instrument :

BNA_F

ClientSampleId :

SB-31-(5.5-6)RE

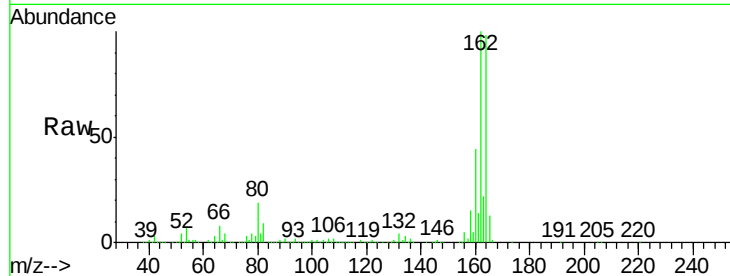
Tgt Ion:165 Resp: 60987

Ion Ratio Lower Upper

165 100

63 1.0 45.0 67.4#

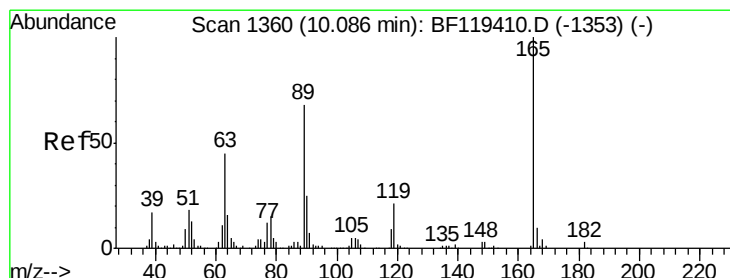
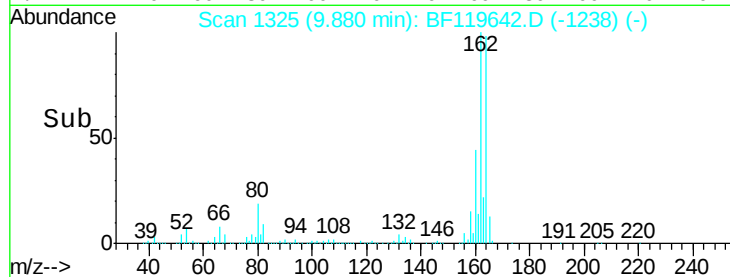
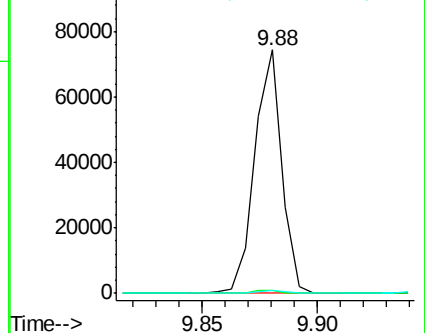
89 1.1 41.5 62.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.87 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF119642.D

Acq: 30 Mar 2020 19:26

Tgt Ion:165 Resp: 60987

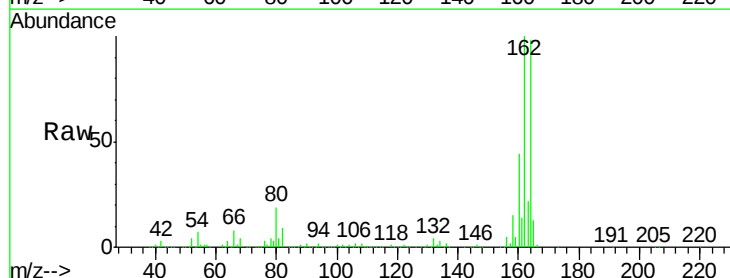
Ion Ratio Lower Upper

165 100

63 1.0 42.6 64.0#

89 1.1 61.0 91.4#

182 0.0 2.2 3.2#

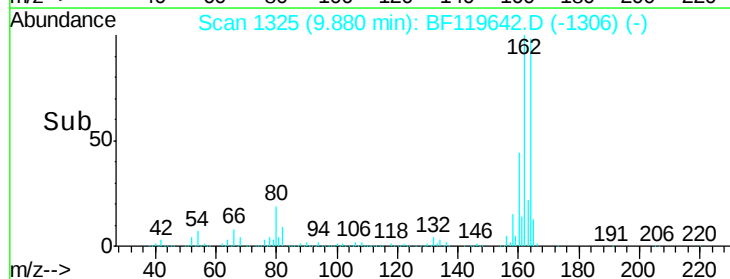
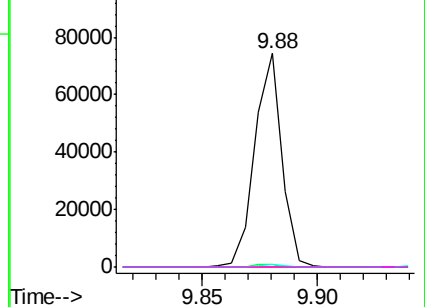


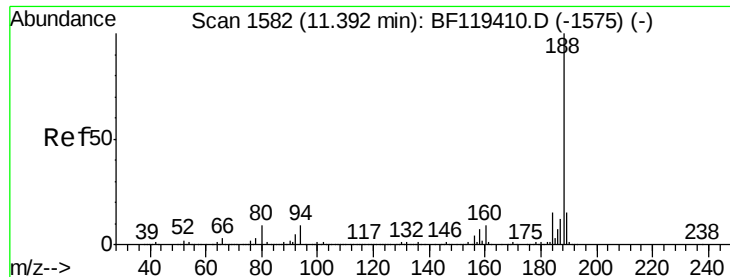
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

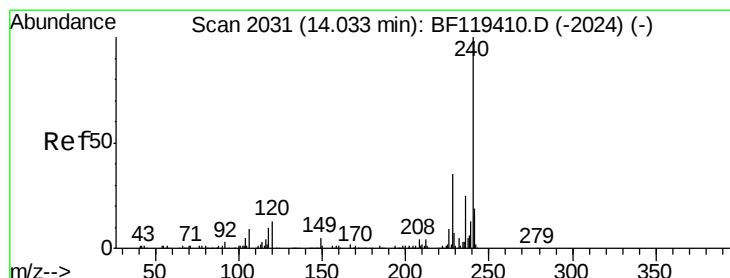
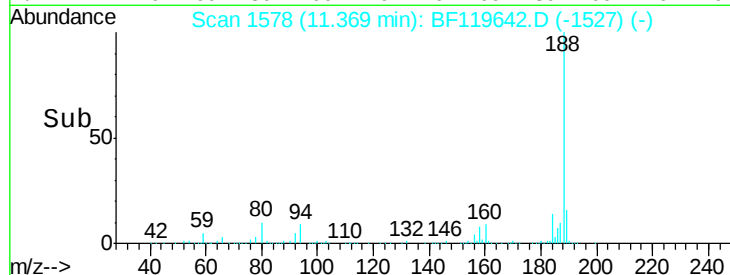
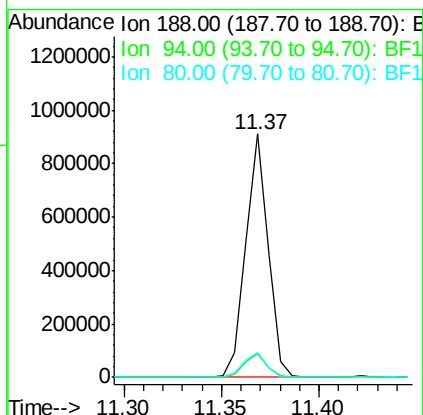
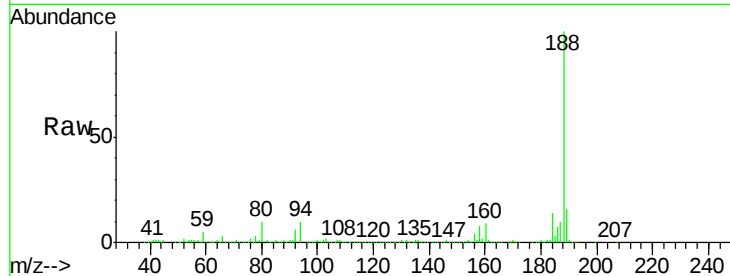




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119642.D
Acq: 30 Mar 2020 19:26

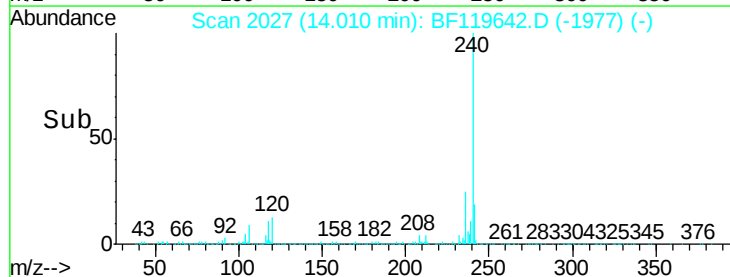
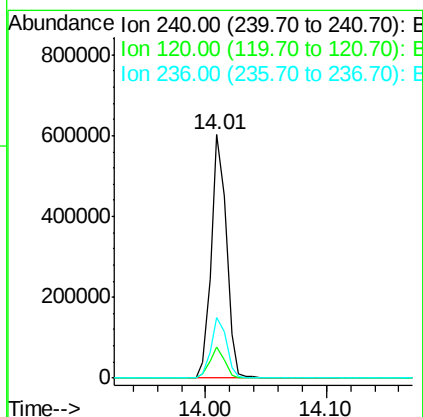
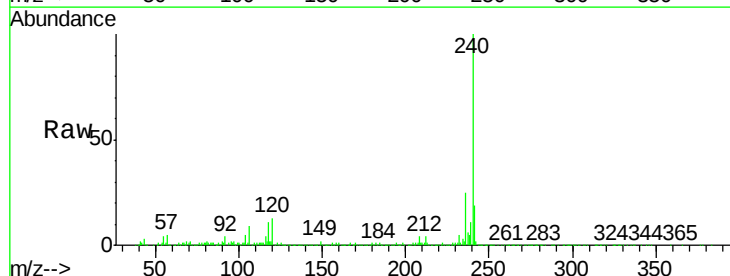
Instrument :
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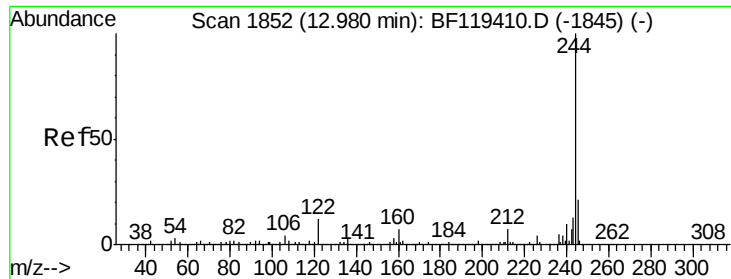
Tgt Ion:188 Resp: 726884
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119642.D
Acq: 30 Mar 2020 19:26

Tgt Ion:240 Resp: 523035
Ion Ratio Lower Upper
240 100
120 12.8 10.6 15.8
236 24.7 20.2 30.2





#79

Terphenyl-d14

Concen: 5.56 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119642.D

Acq: 30 Mar 2020 19:26

Instrument :

BNA_F

ClientSampleId :

SB-31-(5.5-6)RE

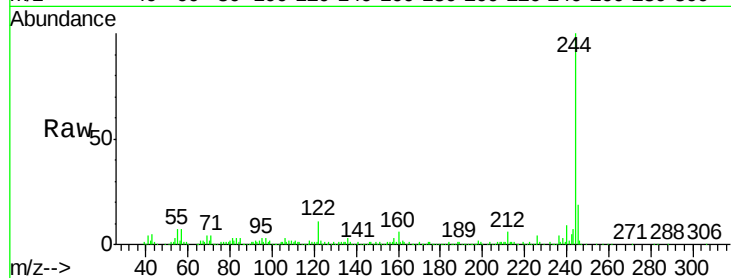
Tgt Ion:244 Resp: 148352

Ion Ratio Lower Upper

244 100

212 5.6 5.8 8.8#

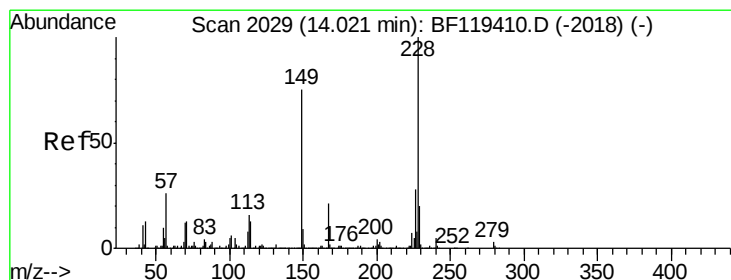
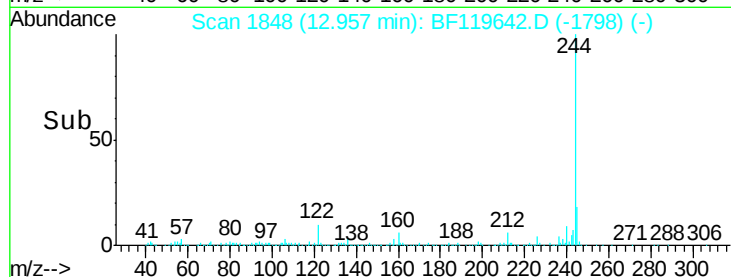
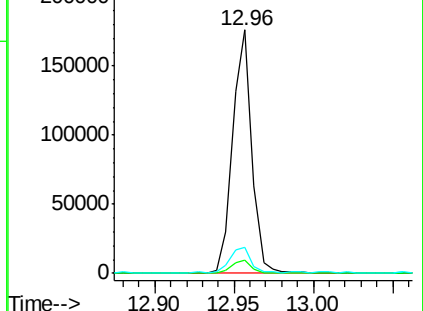
122 10.6 10.3 15.5



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: 4.05 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF119642.D

Acq: 30 Mar 2020 19:26

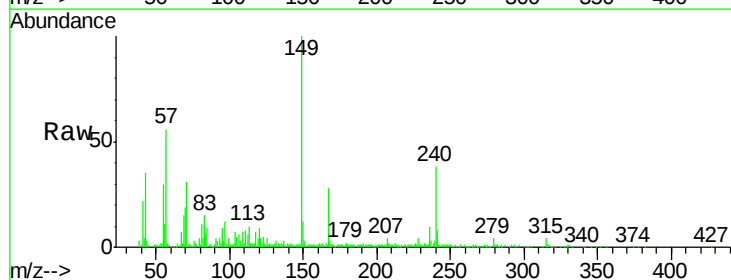
Tgt Ion:149 Resp: 83741

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

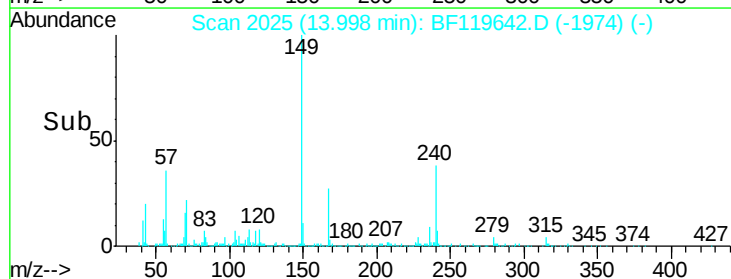
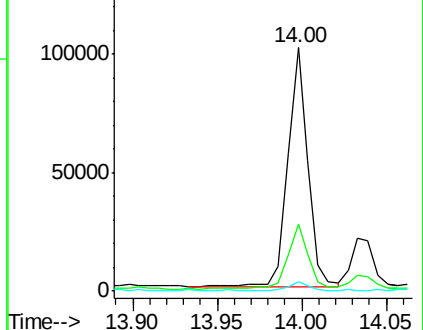
279 3.8 2.7 4.1

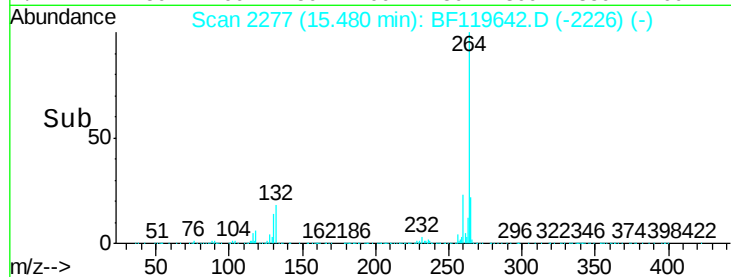
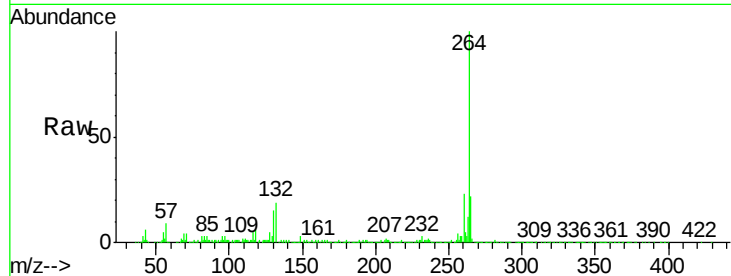
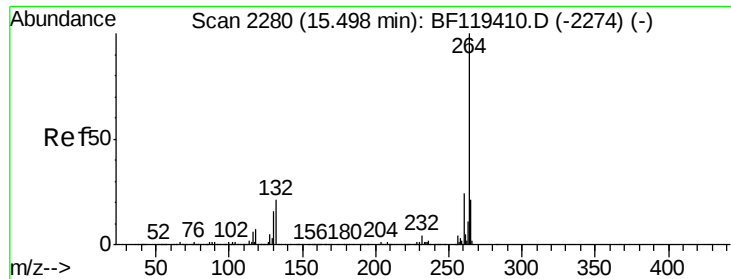


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF119642.D

Acq: 30 Mar 2020 19:26

Instrument :

BNA_F

ClientSampleId :

SB-31-(5.5-6)RE

Tgt Ion:264 Resp: 465299

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.0 17.7 26.5

