

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127750.D
 Acq On : 11 Apr 2022 20:47
 Operator : CG\JU
 Sample : N2349-15 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-8

Quant Time: Apr 12 04:56:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

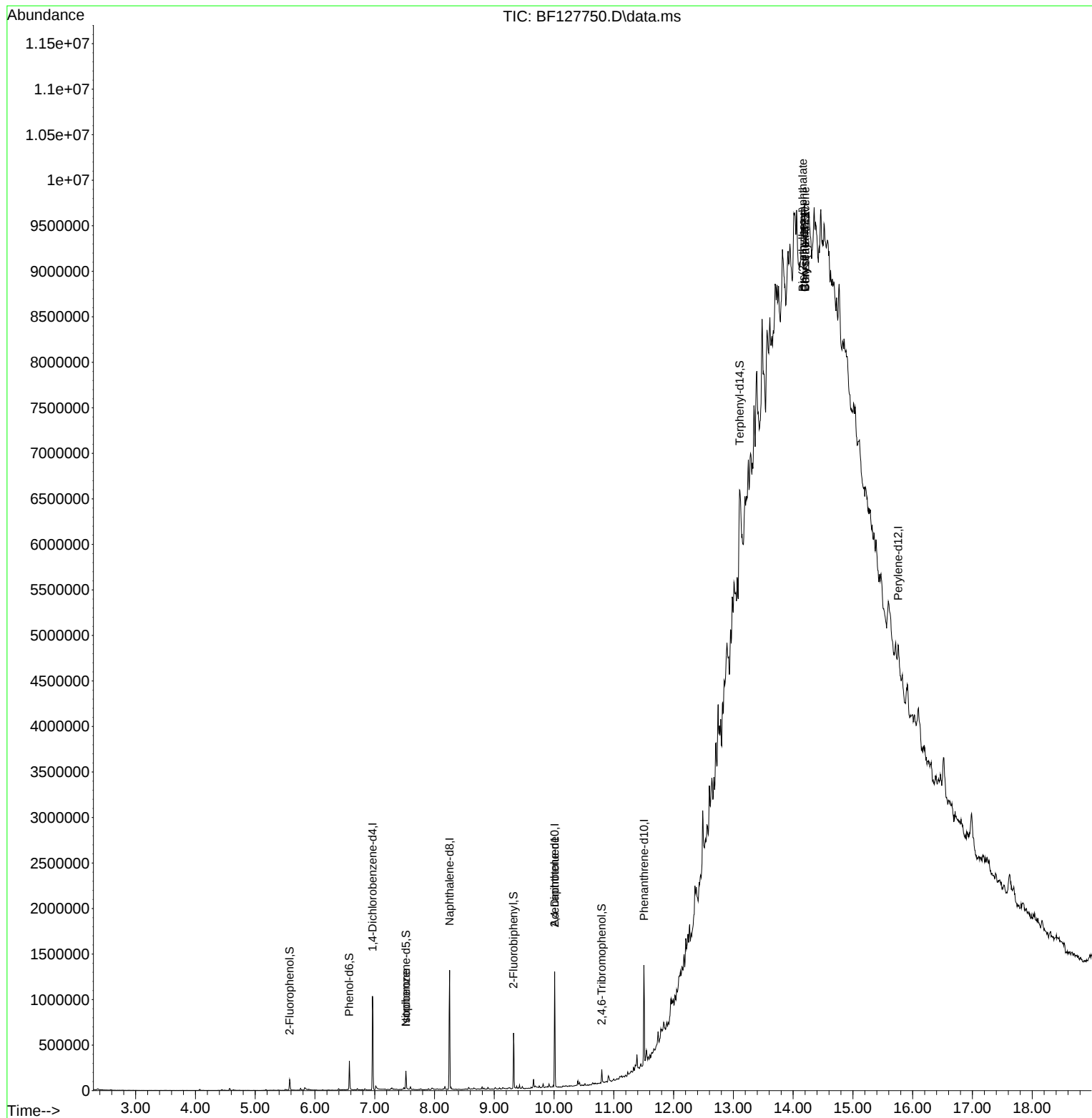
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	142187	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	483554	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	227901	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	364364	20.000	ng	0.00
76) Chrysene-d12	14.192	240	195425	20.000	ng	# 0.04
86) Perylene-d12	15.757	264	142700	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	32082	3.666	ng	0.00
7) Phenol-d6	6.575	99	87537	7.647	ng	0.00
23) Nitrobenzene-d5	7.522	82	51065	4.708	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	15894	6.554	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	169337	10.511	ng	0.00
79) Terphenyl-d14	13.104	244	122126	10.315	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.522	77	330	Below Cal		86
25) Isophorone	7.522	82	51065	2.698	ng	# 70
57) 2,4-Dinitrotoluene	10.010	165	30252	7.836	ng	# 14
81) Benzo(a)anthracene	14.204	228	28425	2.178	ng	# 32
83) Chrysene	14.204	228	28107	2.243	ng	# 39
84) Bis(2-ethylhexyl)phtha...	14.163	149	33780	3.900	ng	# 63

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

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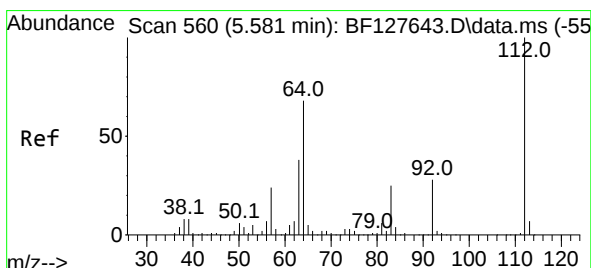
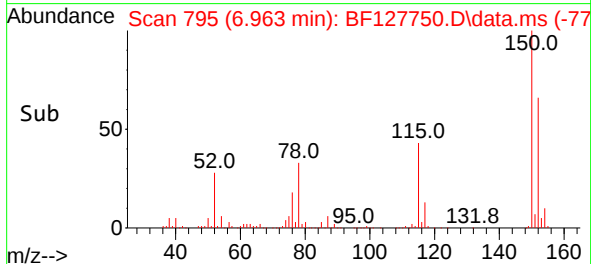
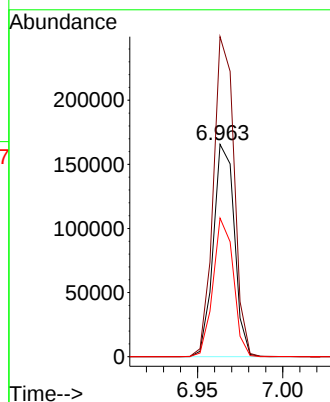
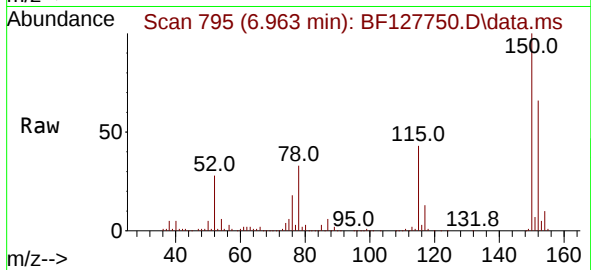




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

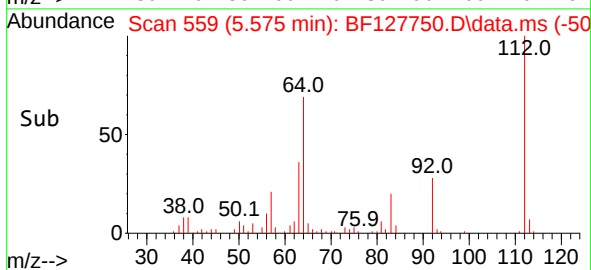
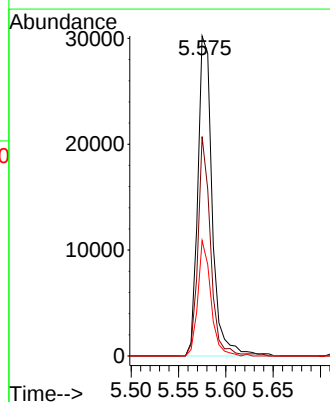
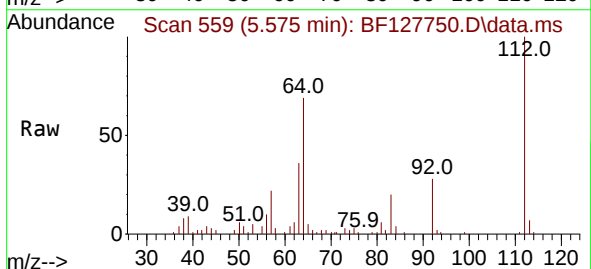
Instrument :
BNA_F
ClientSampleId :
DEL-8

Tgt Ion:152 Resp: 142187
Ion Ratio Lower Upper
152 100
150 150.8 117.2 175.8
115 65.3 49.8 74.6



#5
2-Fluorophenol
Concen: 3.666 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

Tgt Ion:112 Resp: 32082
Ion Ratio Lower Upper
112 100
64 68.6 58.4 87.6
63 36.1 30.1 45.1

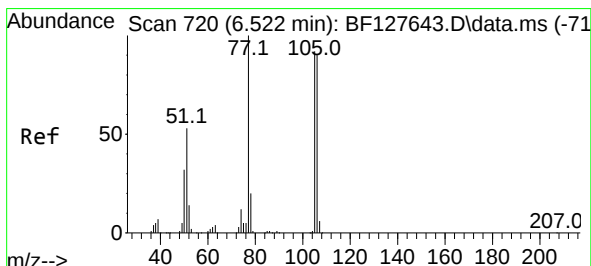
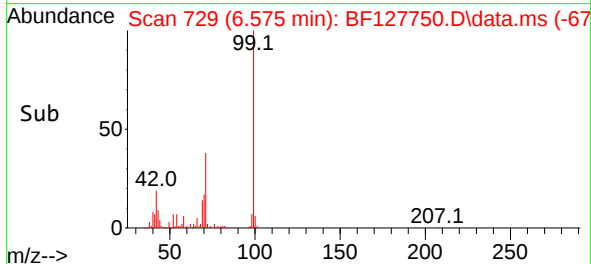
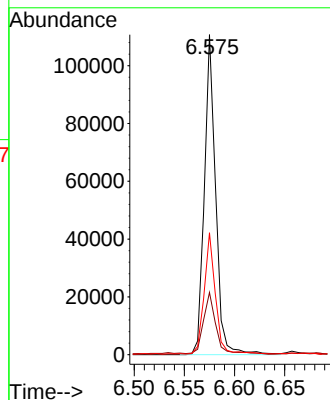
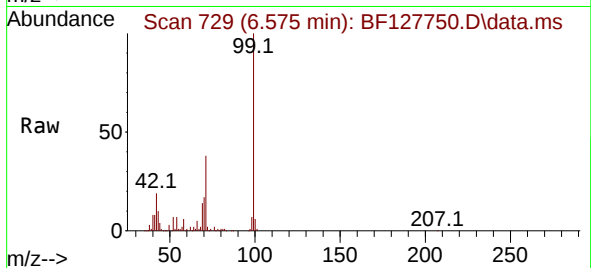




#7
Phenol-d6
Concen: 7.647 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

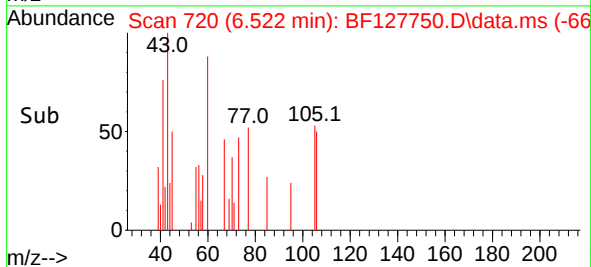
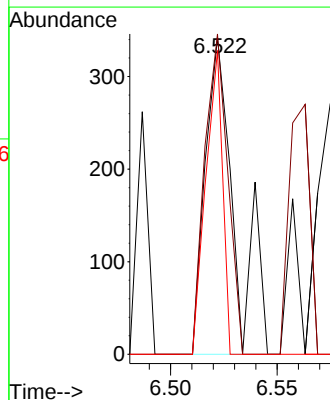
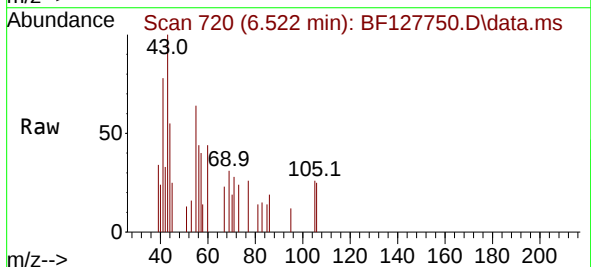
Instrument :
BNA_F
ClientSampleId :
DEL-8

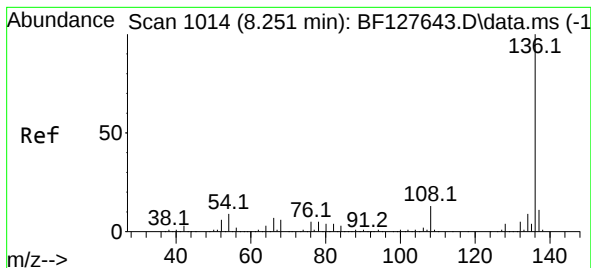
Tgt Ion: 99 Resp: 87537
Ion Ratio Lower Upper
99 100
42 19.4 17.8 26.6
71 38.1 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.522 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

Tgt Ion: 77 Resp: 330
Ion Ratio Lower Upper
77 100
105 101.2 66.8 106.8
106 95.9 64.3 104.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.251 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BF127750.D

Acq: 11 Apr 2022 20:47

Instrument :

BNA_F

ClientSampleId :

DEL-8

Tgt Ion:136 Resp: 483554

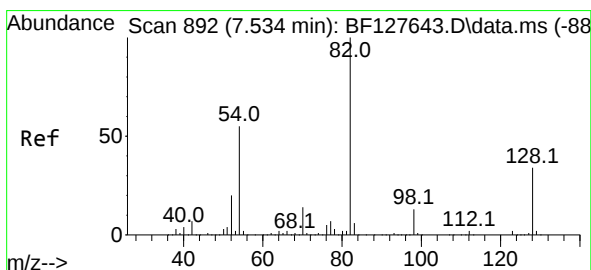
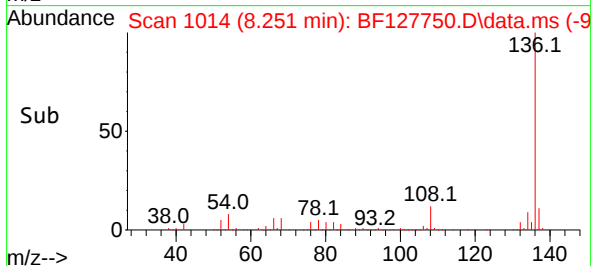
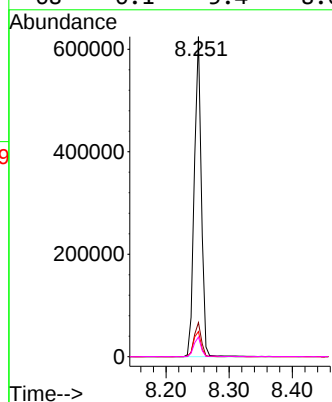
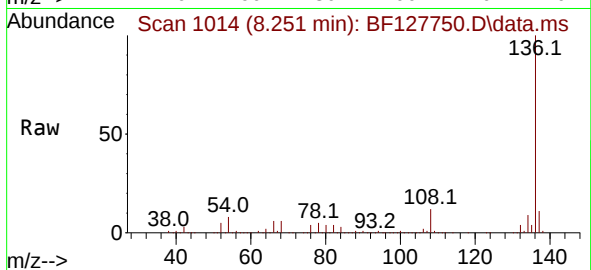
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.9 9.2 13.8#

68 6.1 5.4 8.0



#23

Nitrobenzene-d5

Concen: 4.708 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF127750.D

Acq: 11 Apr 2022 20:47

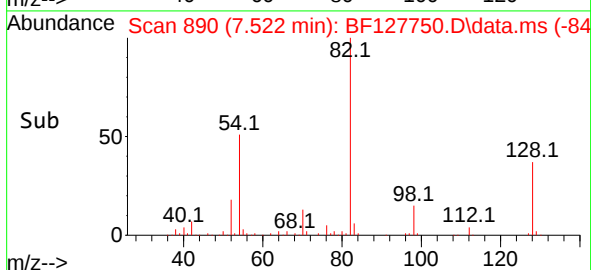
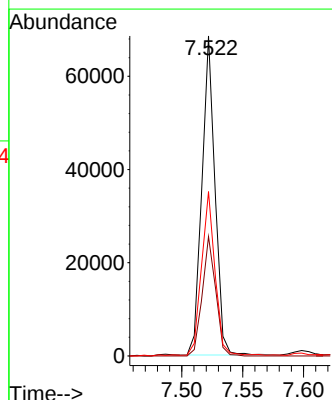
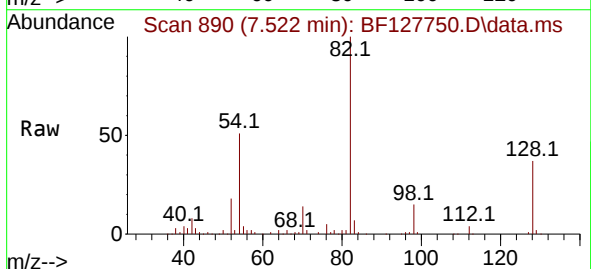
Tgt Ion: 82 Resp: 51065

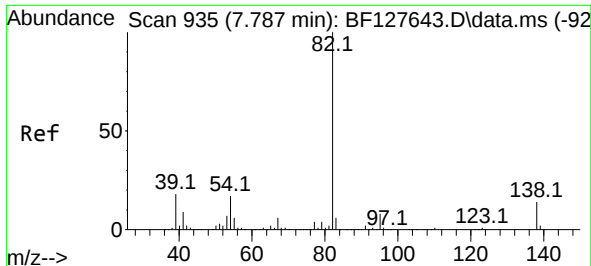
Ion Ratio Lower Upper

82 100

128 37.3 30.6 45.8

54 51.4 48.2 72.2

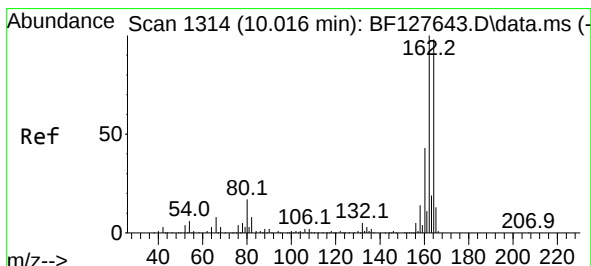
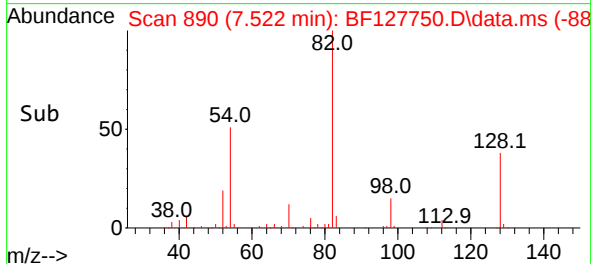
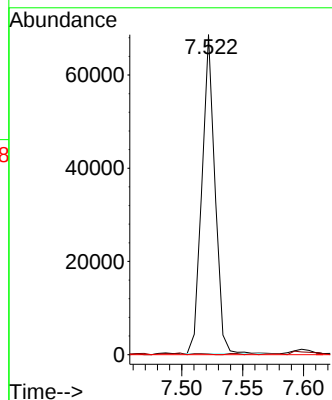
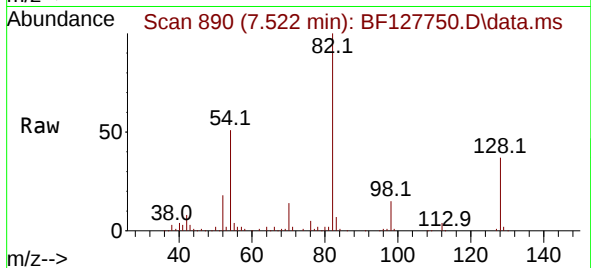




#25
Isophorone
Concen: 2.698 ng
RT: 7.522 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

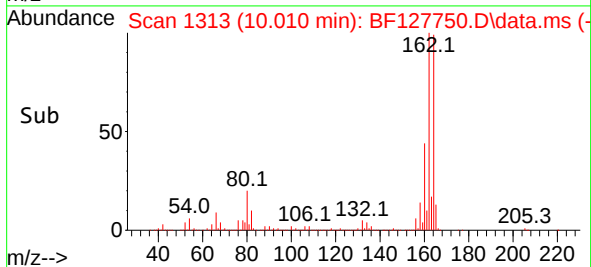
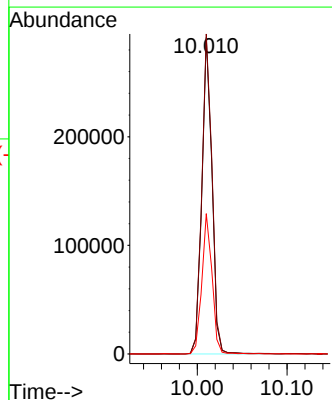
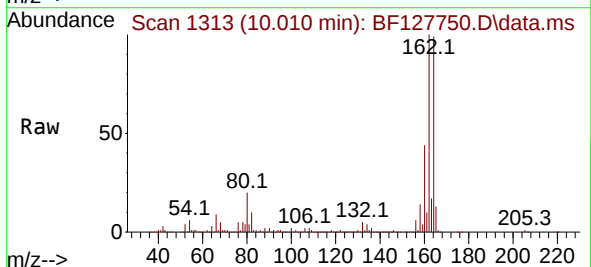
Instrument :
BNA_F
ClientSampleId :
DEL-8

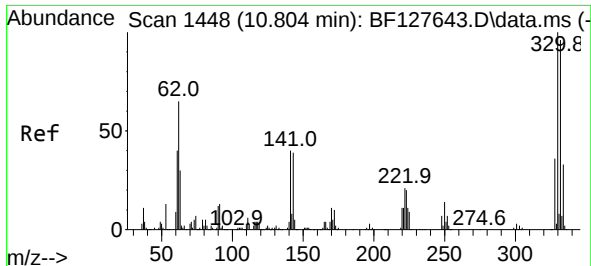
Tgt Ion: 82 Resp: 51065
Ion Ratio Lower Upper
82 100
95 0.2 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

Tgt Ion:164 Resp: 227901
Ion Ratio Lower Upper
164 100
162 101.1 81.2 121.8
160 44.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 6.554 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127750.D

Acq: 11 Apr 2022 20:47

Instrument :

BNA_F

ClientSampleId :

DEL-8

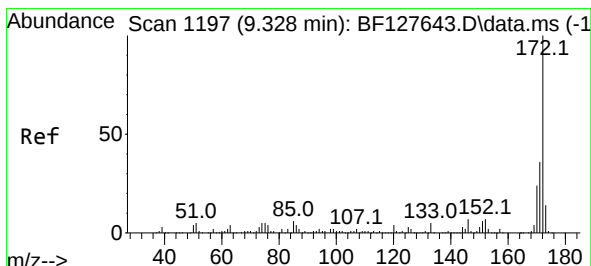
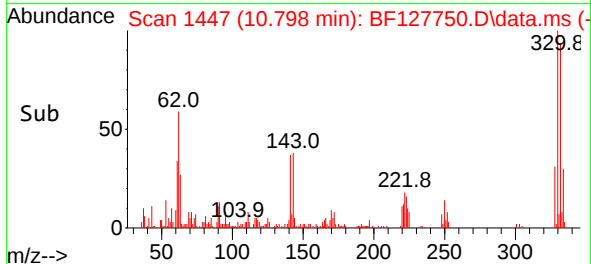
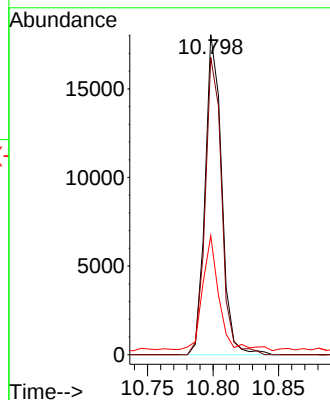
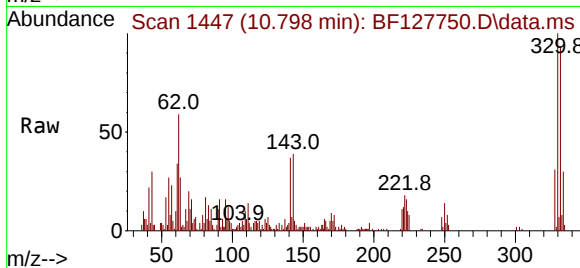
Tgt Ion:330 Resp: 15894

Ion Ratio Lower Upper

330 100

332 92.7 79.1 118.7

141 36.0 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 10.511 ng

RT: 9.322 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF127750.D

Acq: 11 Apr 2022 20:47

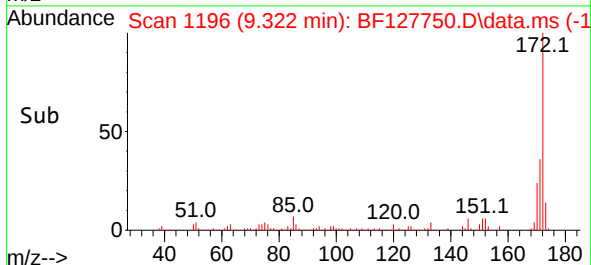
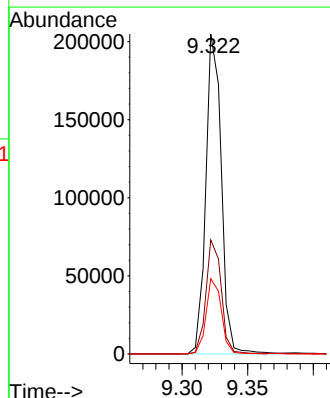
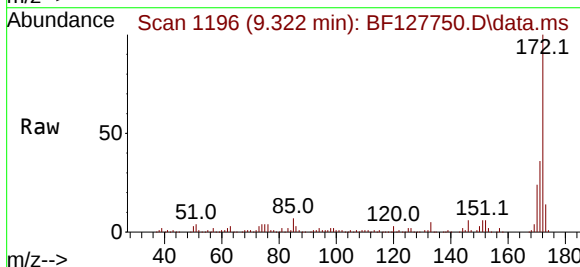
Tgt Ion:172 Resp: 169337

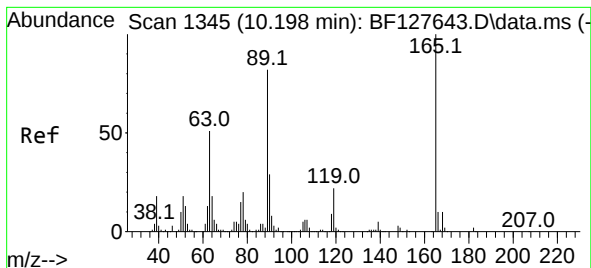
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.5 18.6 27.8

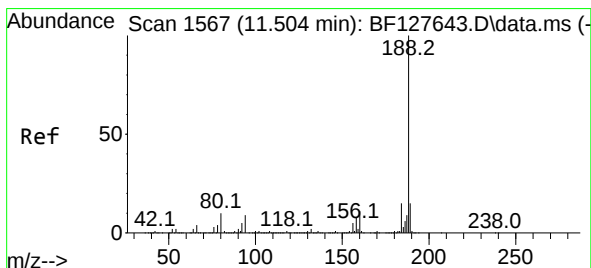
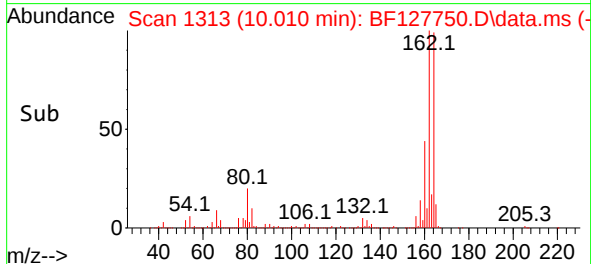
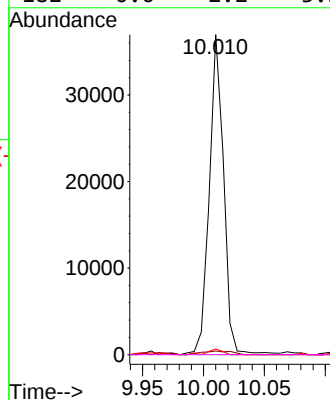
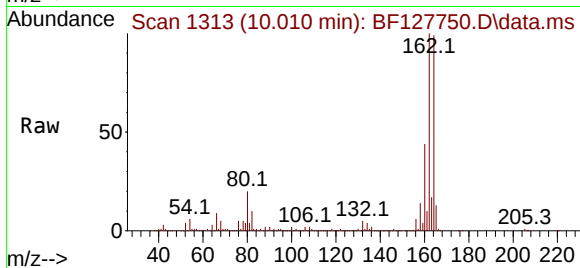




#57
2,4-Dinitrotoluene
Concen: 7.836 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

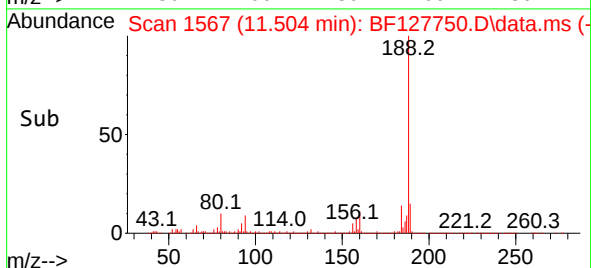
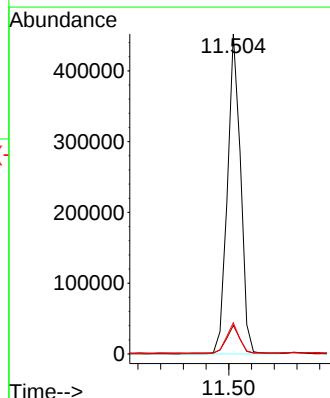
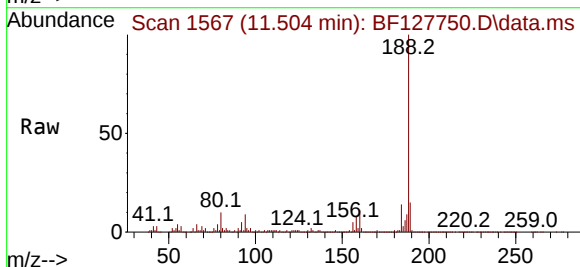
Instrument :
BNA_F
ClientSampleId :
DEL-8

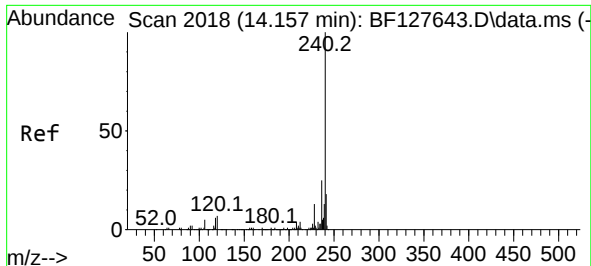
Tgt Ion:165 Resp: 30252
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

Tgt Ion:188 Resp: 364364
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 9.8 8.0 12.0

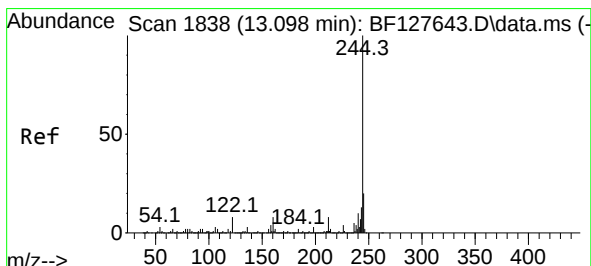
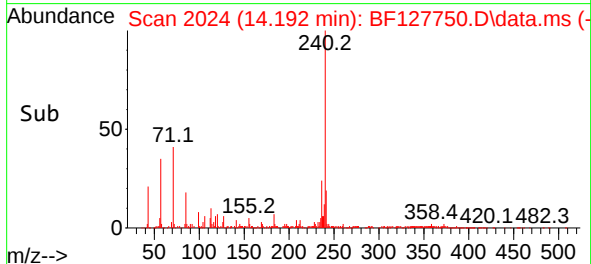
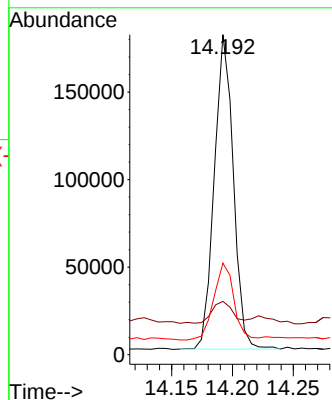
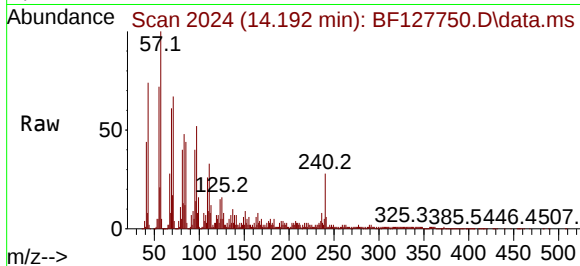




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.192 min Scan# 20
Delta R.T. 0.035 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

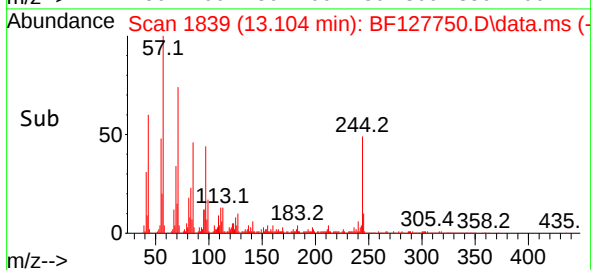
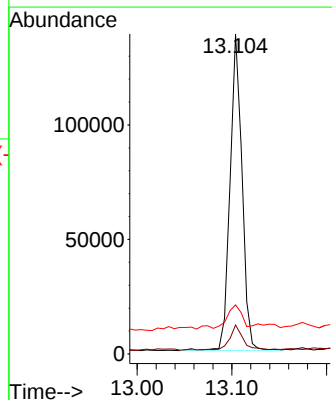
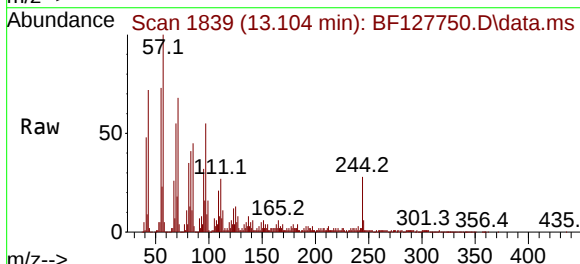
Instrument :
BNA_F
ClientSampleId :
DEL-8

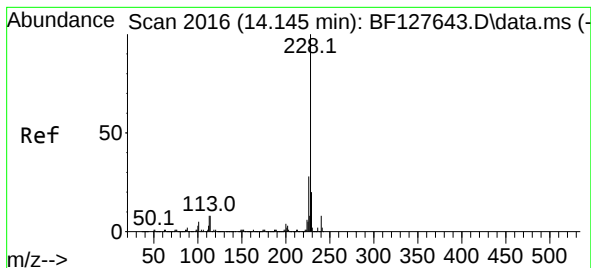
Tgt Ion:240 Resp: 195425
Ion Ratio Lower Upper
240 100
120 16.6 7.1 10.7#
236 28.6 20.7 31.1



#79
Terphenyl-d14
Concen: 10.315 ng
RT: 13.104 min Scan# 1839
Delta R.T. 0.006 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

Tgt Ion:244 Resp: 122126
Ion Ratio Lower Upper
244 100
212 9.1 5.7 8.5#
122 15.4 6.2 9.2#





#81

Benzo(a)anthracene

Concen: 2.178 ng

RT: 14.204 min Scan# 2026

Delta R.T. 0.059 min

Lab File: BF127750.D

Acq: 11 Apr 2022 20:47

Instrument :

BNA_F

ClientSampleId :

DEL-8

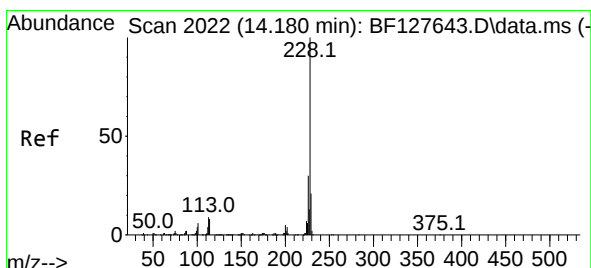
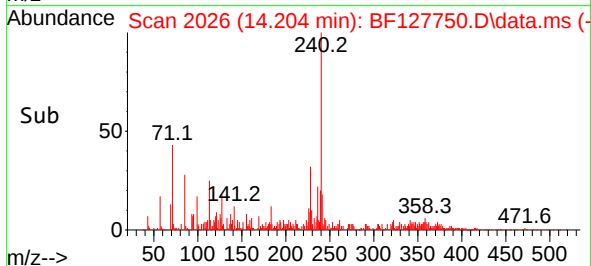
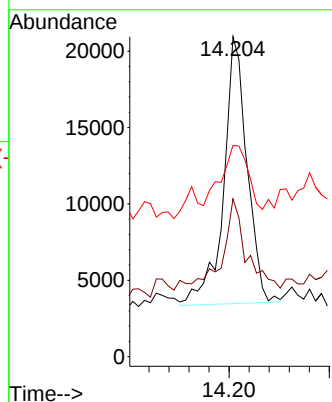
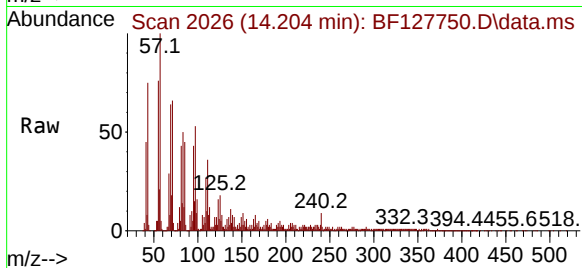
Tgt Ion:228 Resp: 28425

Ion Ratio Lower Upper

228 100

226 49.3 21.6 32.4#

229 66.1 15.4 23.2#



#83

Chrysene

Concen: 2.243 ng

RT: 14.204 min Scan# 2026

Delta R.T. 0.024 min

Lab File: BF127750.D

Acq: 11 Apr 2022 20:47

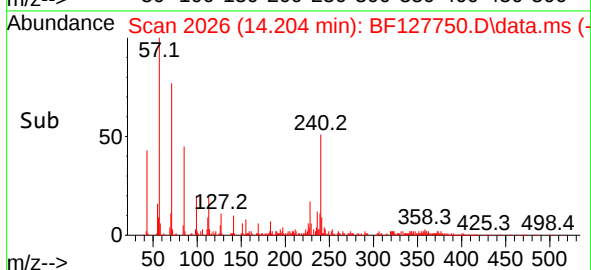
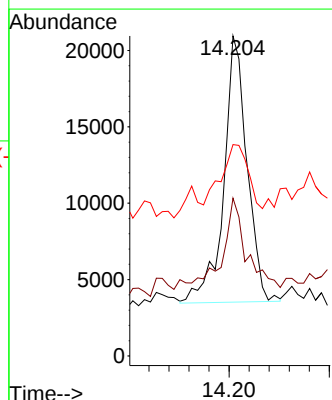
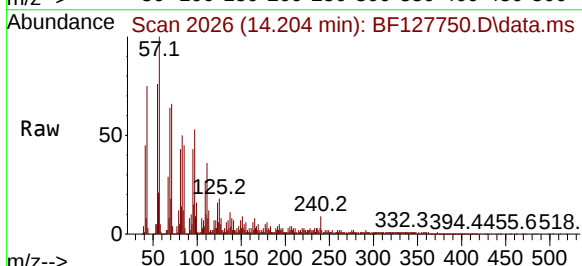
Tgt Ion:228 Resp: 28107

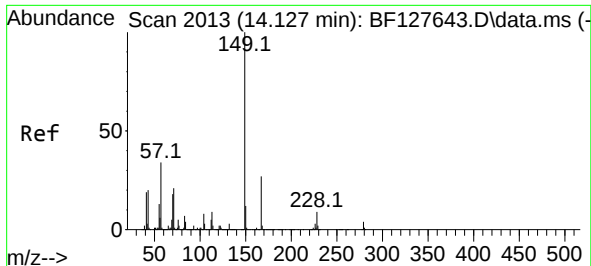
Ion Ratio Lower Upper

228 100

226 49.3 24.2 36.4#

229 66.1 15.4 23.2#

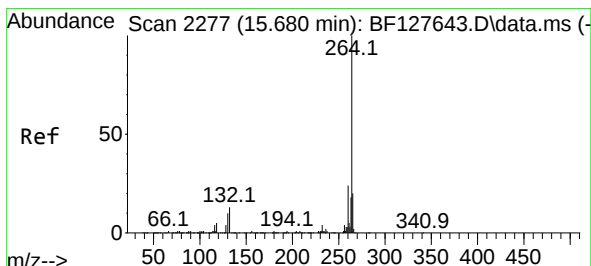
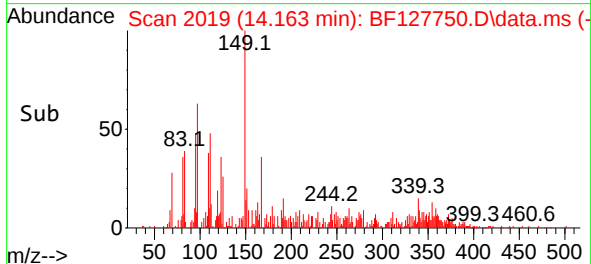
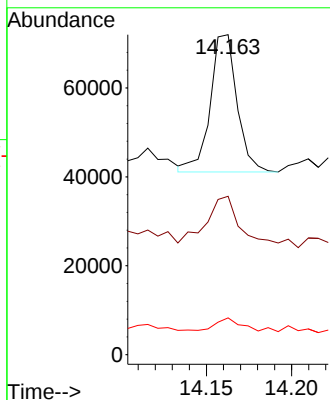
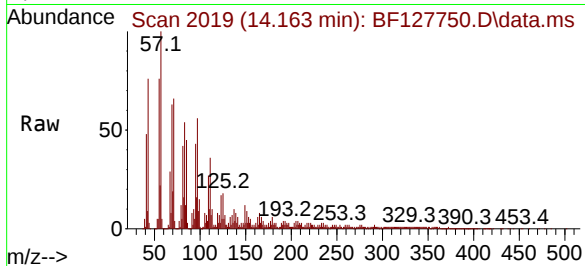




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.900 ng
RT: 14.163 min Scan# 2019
Delta R.T. 0.035 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

Instrument :
BNA_F
ClientSampleId :
DEL-8

Tgt Ion:149 Resp: 33780
Ion Ratio Lower Upper
149 100
167 49.5 22.9 34.3#
279 11.5 3.2 4.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.757 min Scan# 2290
Delta R.T. 0.077 min
Lab File: BF127750.D
Acq: 11 Apr 2022 20:47

Tgt Ion:264 Resp: 142700
Ion Ratio Lower Upper
264 100
260 26.7 19.1 28.7
265 23.7 17.4 26.2

