

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127748.D
 Acq On : 11 Apr 2022 19:49
 Operator : CG\JU
 Sample : N2349-19 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COM-1

Quant Time: Apr 12 04:56:31 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)

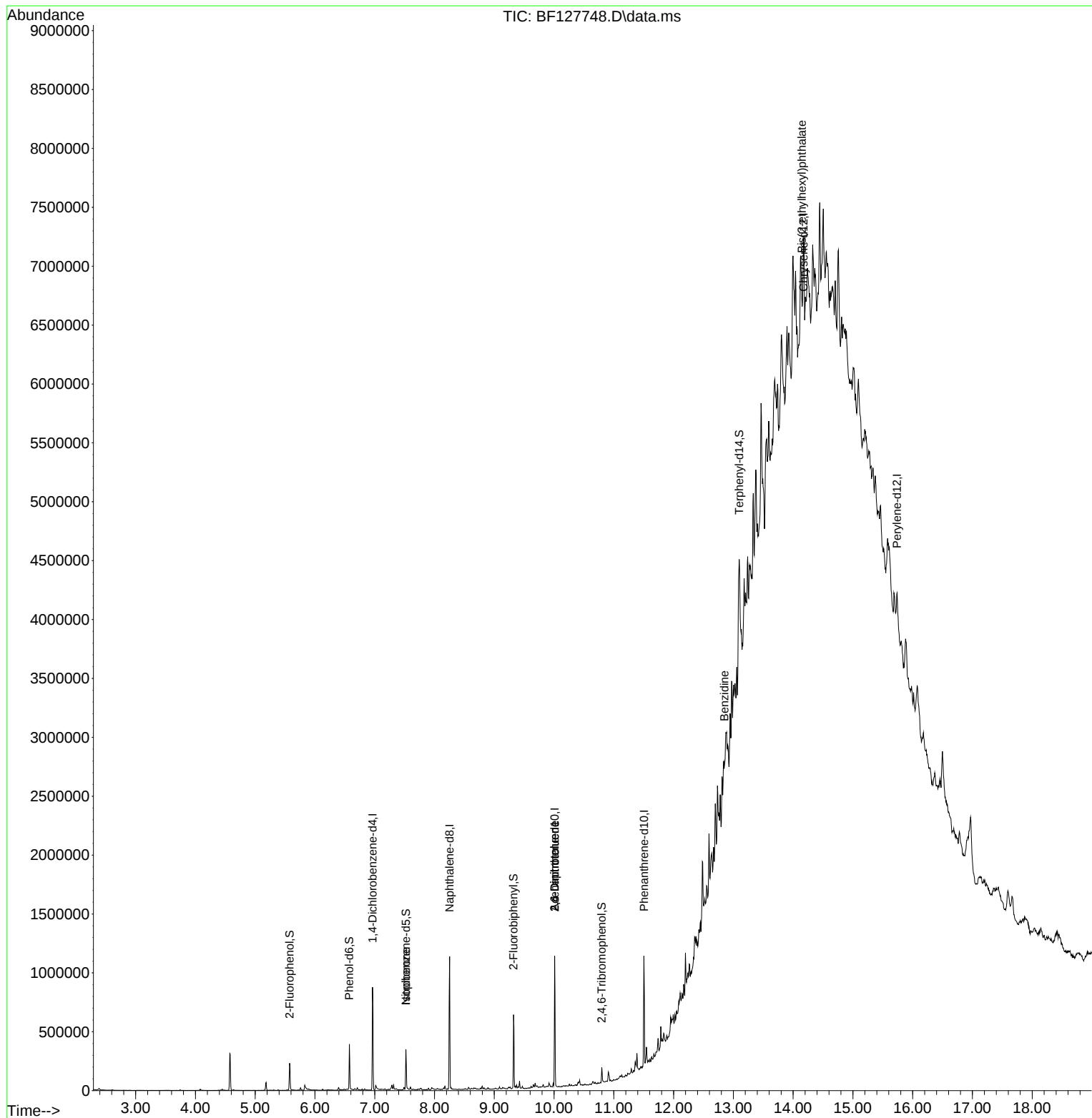
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	121238	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	424563	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	211692	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	315446	20.000	ng	0.00
76) Chrysene-d12	14.174	240	187046	20.000	ng	# 0.02
86) Perylene-d12	15.739	264	157675	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	61321	8.219	ng	0.00
7) Phenol-d6	6.575	99	107238	10.986	ng	0.00
23) Nitrobenzene-d5	7.522	82	92192	9.681	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	14345	6.368	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	181232	12.111	ng	0.00
79) Terphenyl-d14	13.098	244	123279	10.879	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	315	Below Cal	#	69
25) Isophorone	7.522	82	90573	5.450	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	27479	9.500	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	27479	7.663	ng	# 14
77) Benzidine	12.851	184	12246	2.508	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.145	149	25506	3.077	ng	# 78

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

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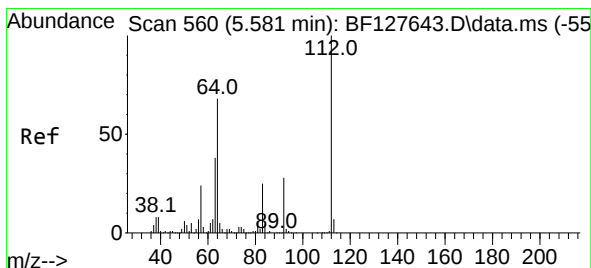
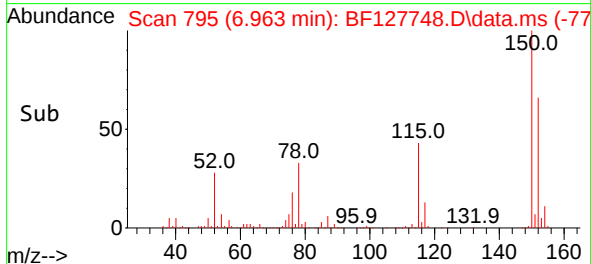
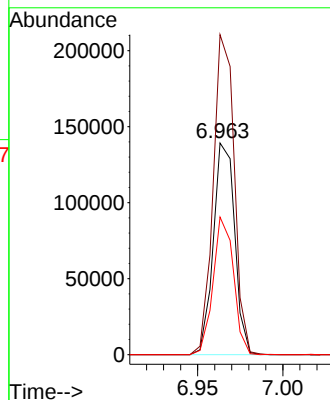
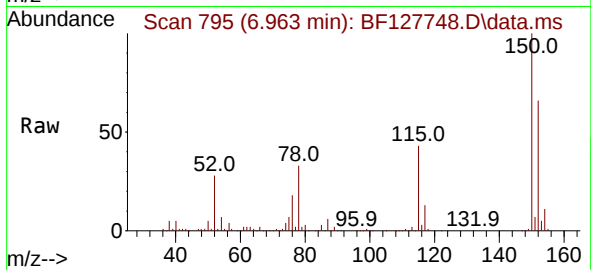




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127748.D
 Acq: 11 Apr 2022 19:49

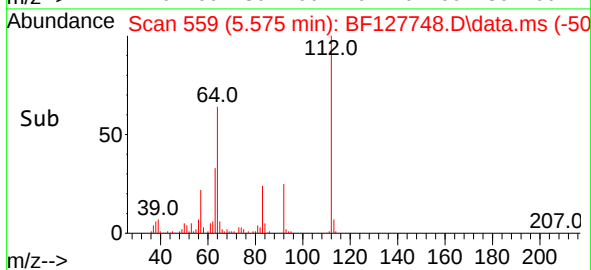
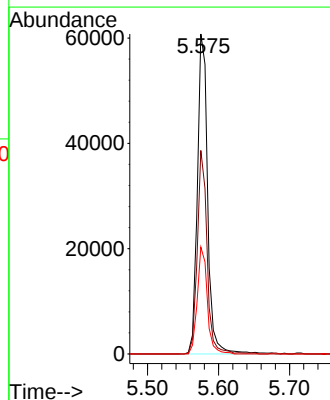
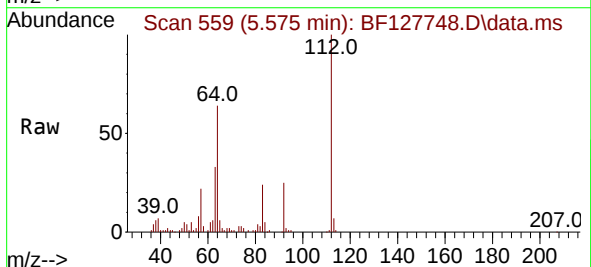
Instrument :
 BNA_F
 ClientSampleId :
 COM-1

Tgt Ion:152 Resp: 121238
 Ion Ratio Lower Upper
 152 100
 150 151.1 117.2 175.8
 115 65.0 49.8 74.6



#5
 2-Fluorophenol
 Concen: 8.219 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF127748.D
 Acq: 11 Apr 2022 19:49

Tgt Ion:112 Resp: 61321
 Ion Ratio Lower Upper
 112 100
 64 63.6 58.4 87.6
 63 33.4 30.1 45.1

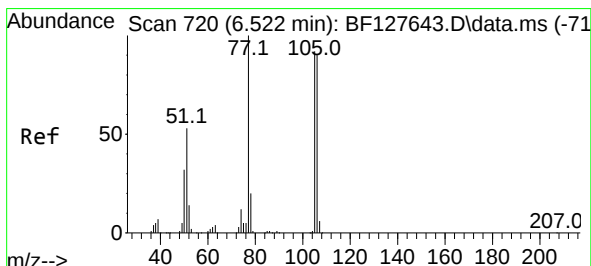
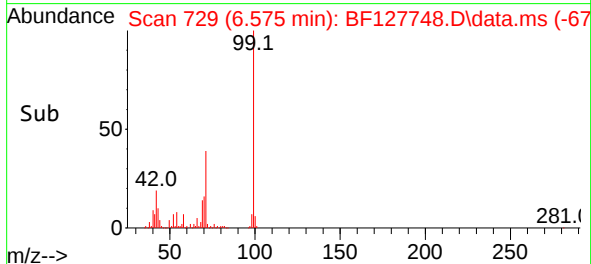
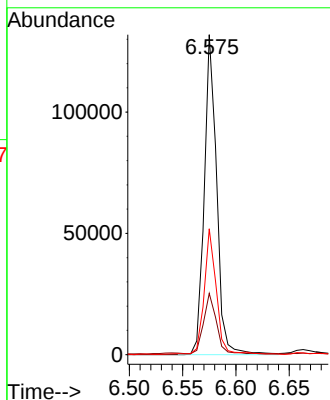
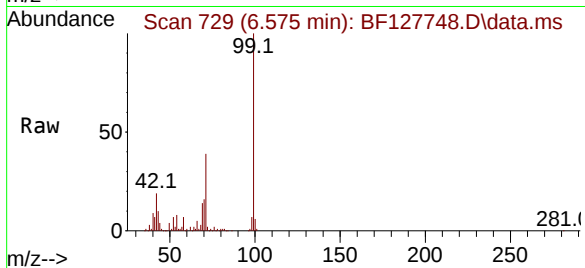




#7
Phenol-d6
Concen: 10.986 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

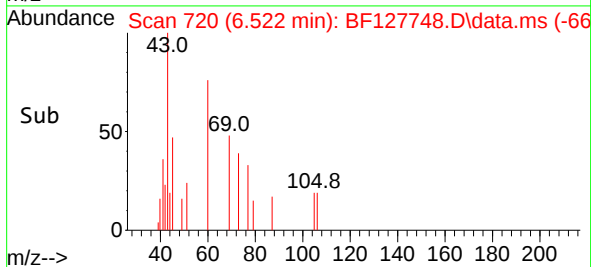
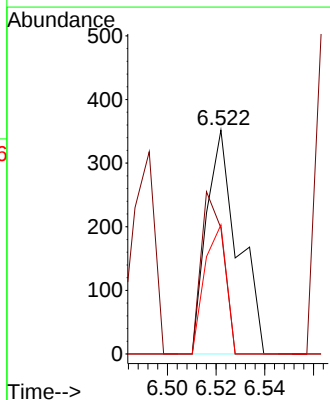
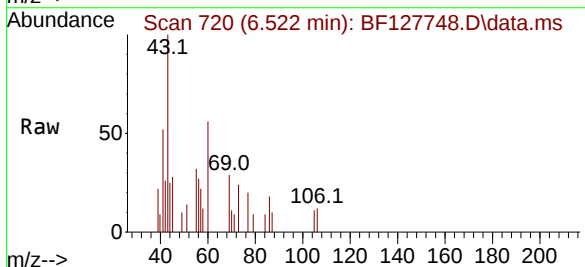
Instrument :
BNA_F
ClientSampleId :
COM-1

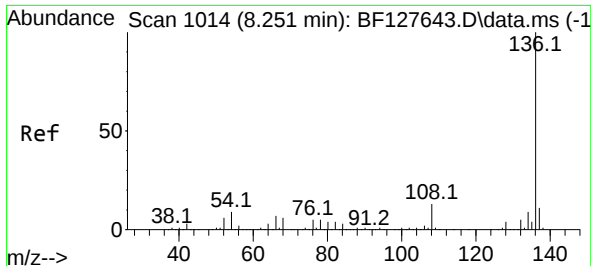
Tgt Ion: 99 Resp: 107238
Ion Ratio Lower Upper
99 100
42 19.1 17.8 26.6
71 39.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

Tgt Ion: 77 Resp: 315
Ion Ratio Lower Upper
77 100
105 56.3 66.8 106.8#
106 57.7 64.3 104.3#

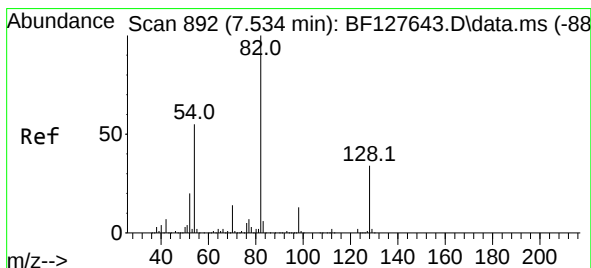
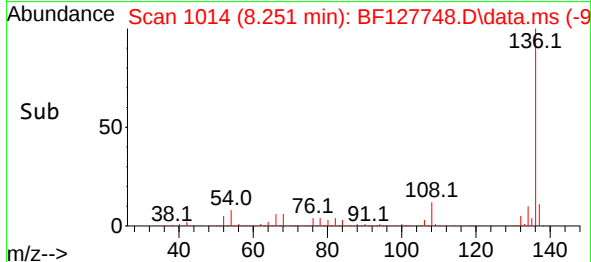
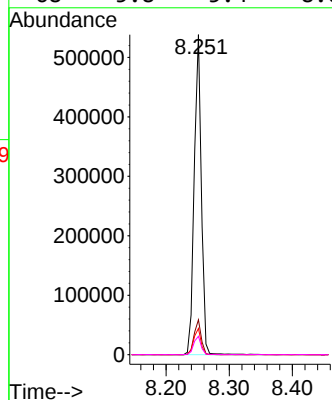
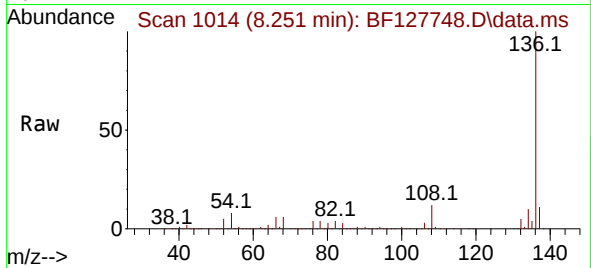




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

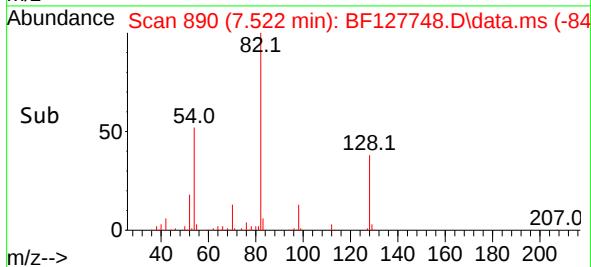
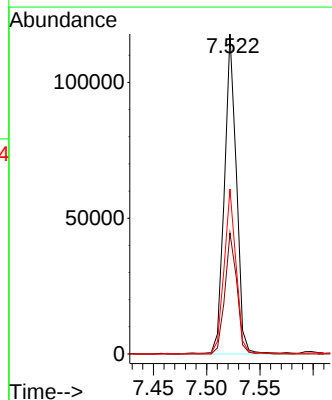
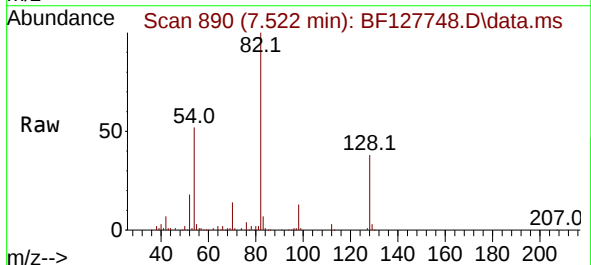
Instrument :
BNA_F
ClientSampleId :
COM-1

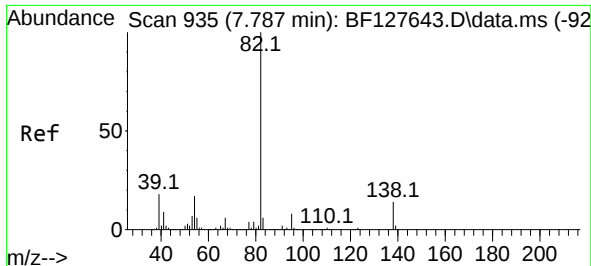
Tgt Ion:136 Resp: 424563
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 9.2 13.8#
68 5.8 5.4 8.0



#23
Nitrobenzene-d5
Concen: 9.681 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

Tgt Ion: 82 Resp: 92192
Ion Ratio Lower Upper
82 100
128 37.8 30.6 45.8
54 51.5 48.2 72.2

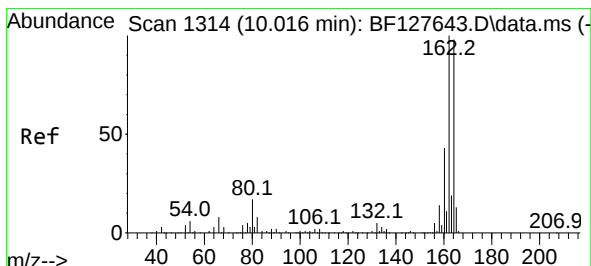
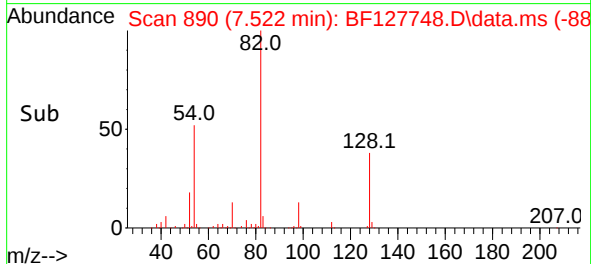
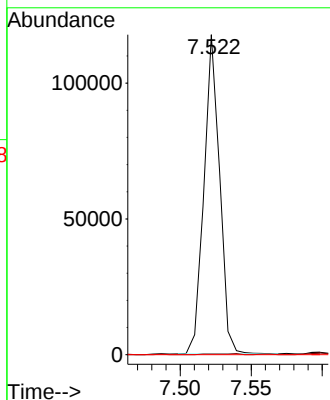
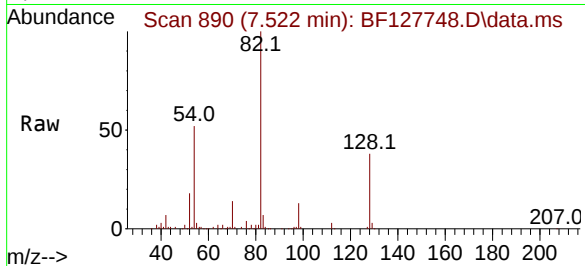




#25
Isophorone
Concen: 5.450 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.265 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

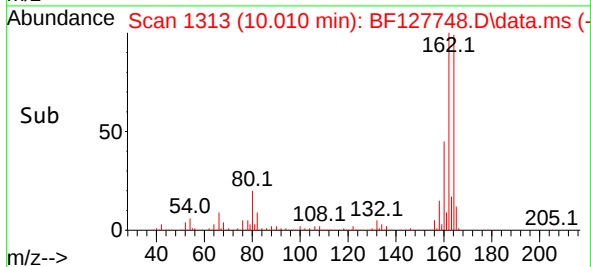
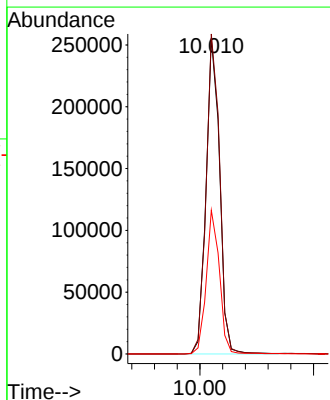
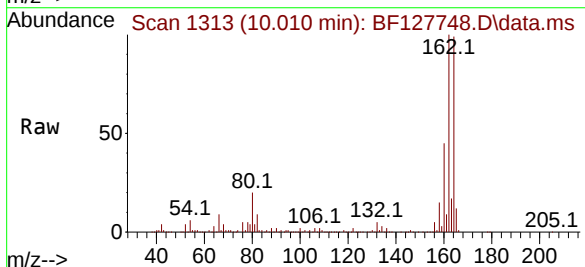
Instrument :
BNA_F
ClientSampleId :
COM-1

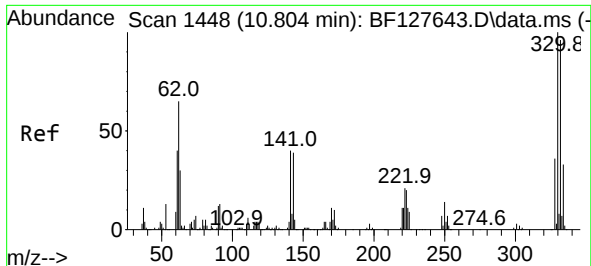
Tgt Ion: 82 Resp: 90573
Ion Ratio Lower Upper
82 100
95 0.2 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

Tgt Ion:164 Resp: 211692
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 45.5 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 6.368 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127748.D

Acq: 11 Apr 2022 19:49

Instrument :

BNA_F

ClientSampleId :

COM-1

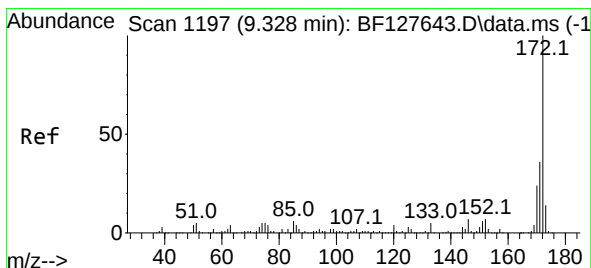
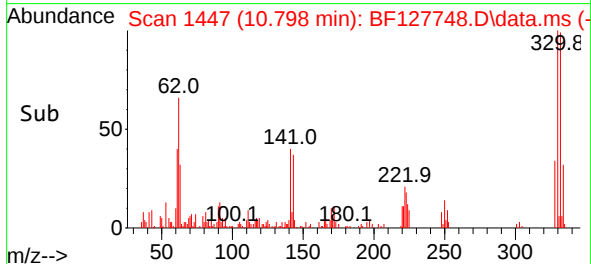
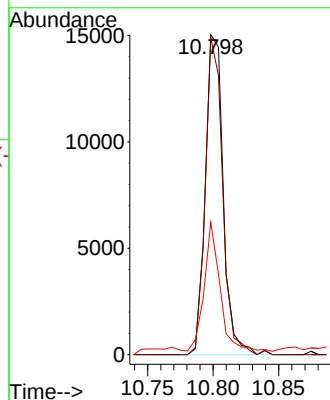
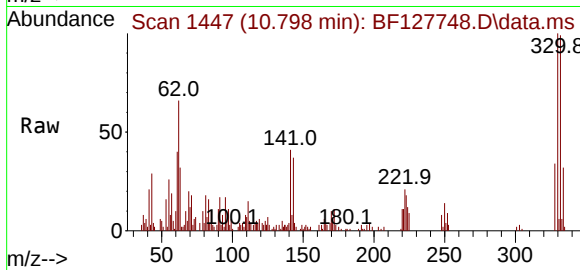
Tgt Ion:330 Resp: 14345

Ion Ratio Lower Upper

330 100

332 95.4 79.1 118.7

141 36.5 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 12.111 ng

RT: 9.322 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF127748.D

Acq: 11 Apr 2022 19:49

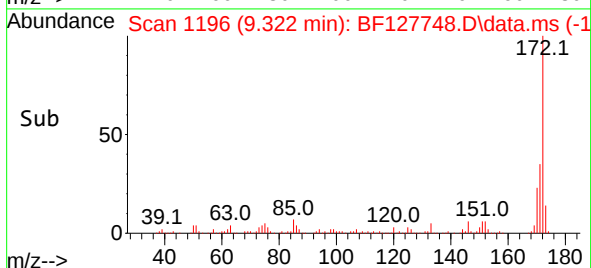
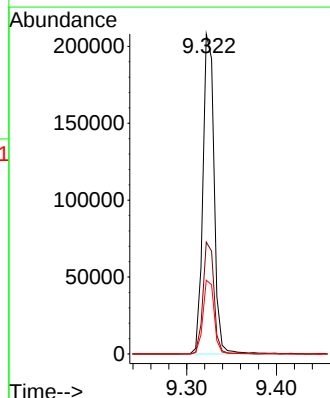
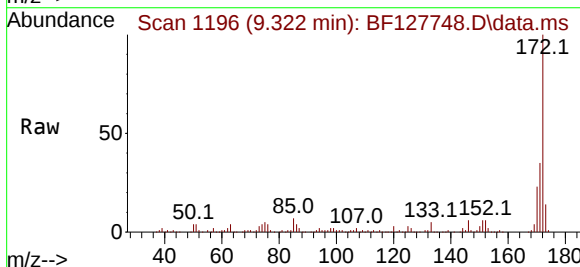
Tgt Ion:172 Resp: 181232

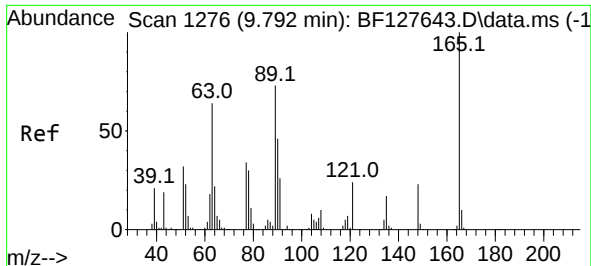
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.1 18.6 27.8

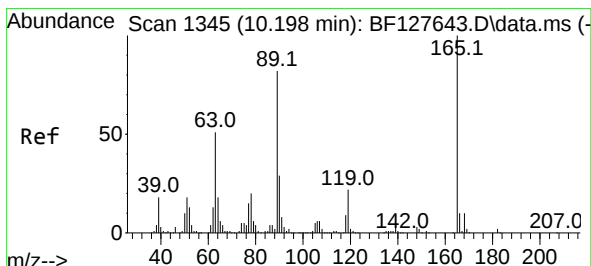
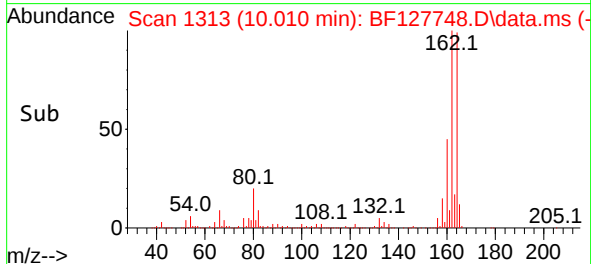
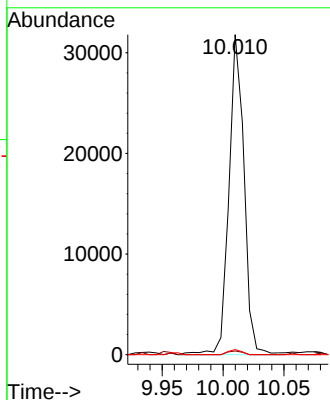
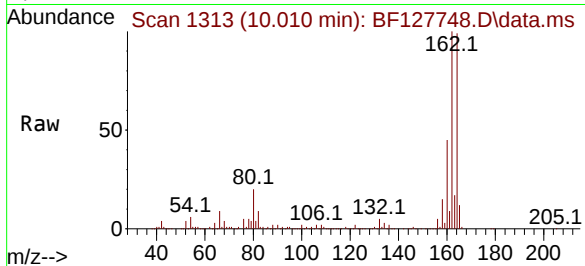




#51
2,6-Dinitrotoluene
Concen: 9.500 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

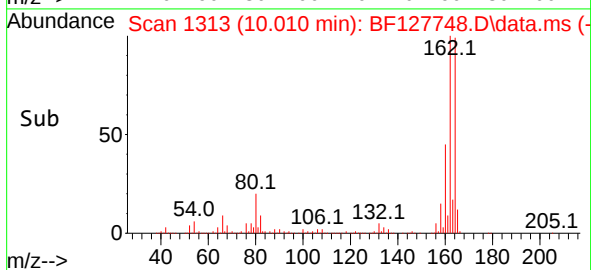
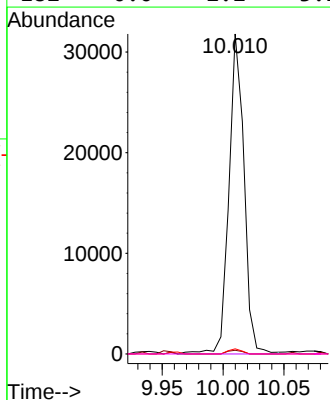
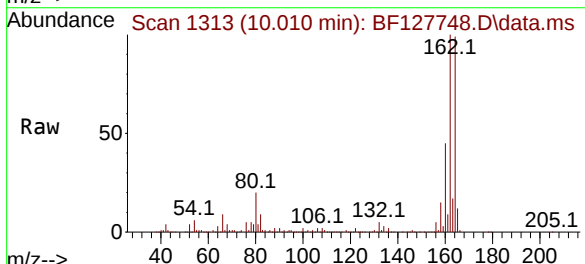
Instrument :
BNA_F
ClientSampleId :
COM-1

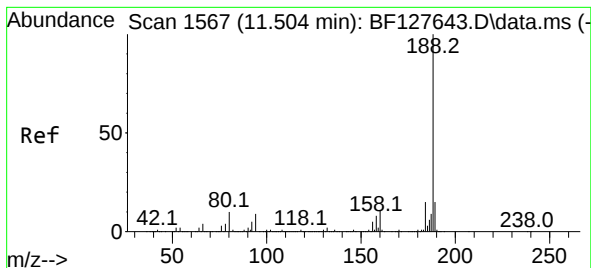
Tgt Ion:165 Resp: 27479
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.6 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.663 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

Tgt Ion:165 Resp: 27479
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127748.D

Acq: 11 Apr 2022 19:49

Instrument :

BNA_F

ClientSampleId :

COM-1

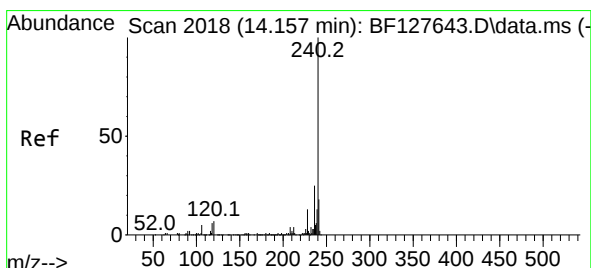
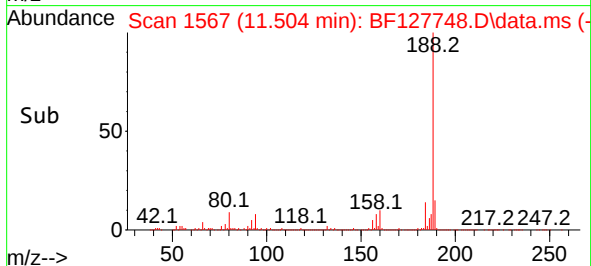
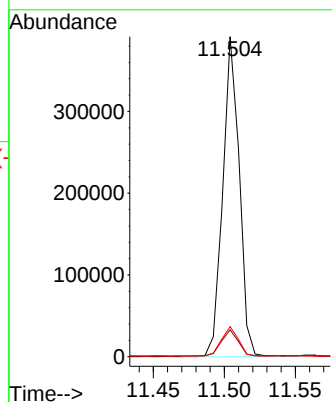
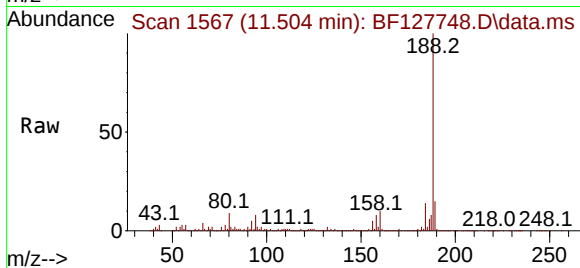
Tgt Ion:188 Resp: 315446

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.0

80 9.4 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.174 min Scan# 2021

Delta R.T. 0.018 min

Lab File: BF127748.D

Acq: 11 Apr 2022 19:49

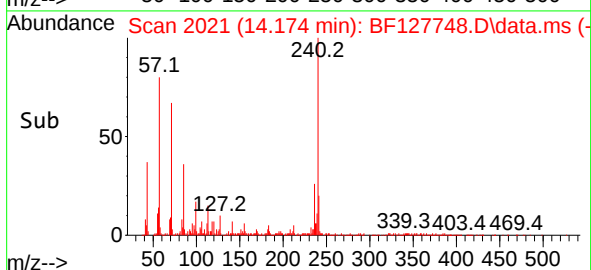
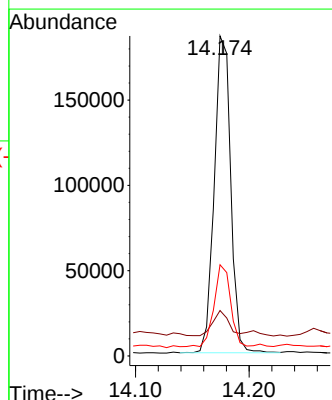
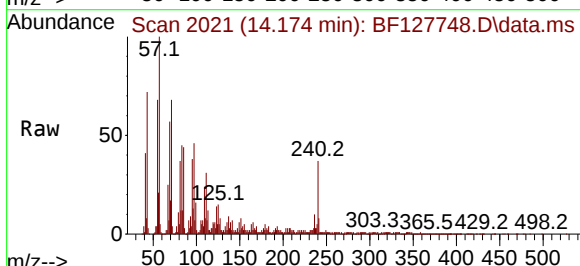
Tgt Ion:240 Resp: 187046

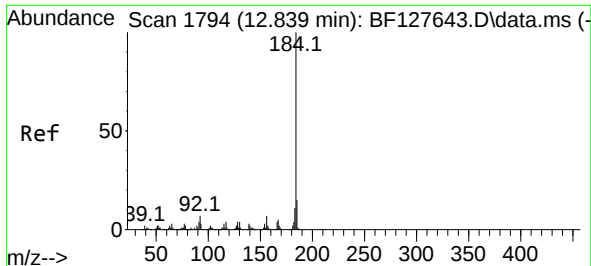
Ion Ratio Lower Upper

240 100

120 14.2 7.1 10.7#

236 28.5 20.7 31.1

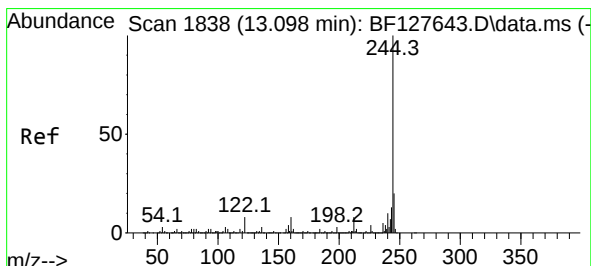
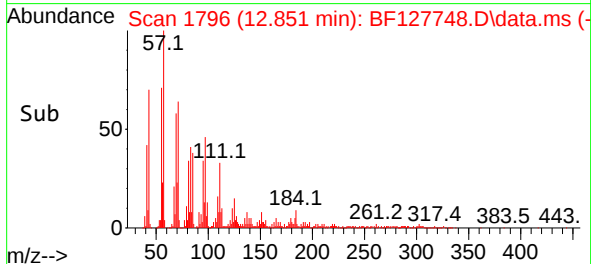
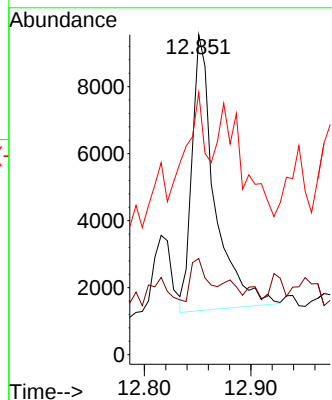
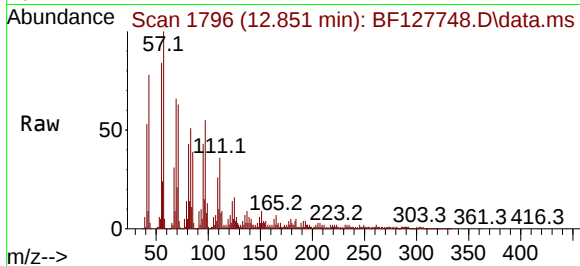




#77
Benzidine
Concen: 2.508 ng
RT: 12.851 min Scan# 1796
Delta R.T. 0.012 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

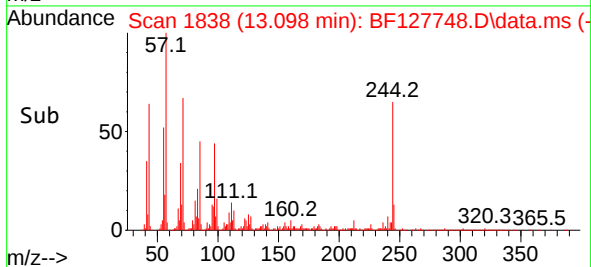
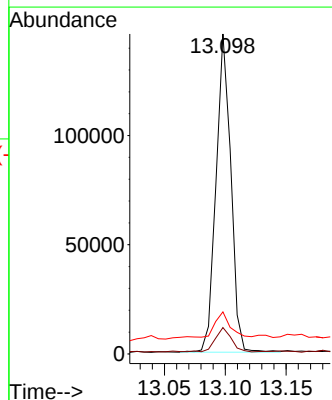
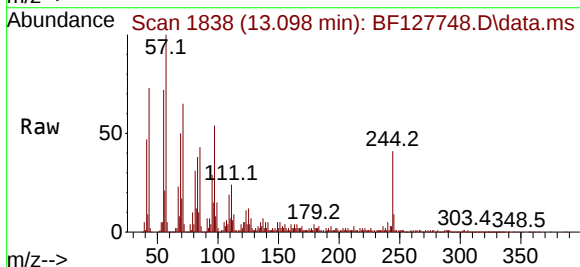
Instrument :
BNA_F
ClientSampleId :
COM-1

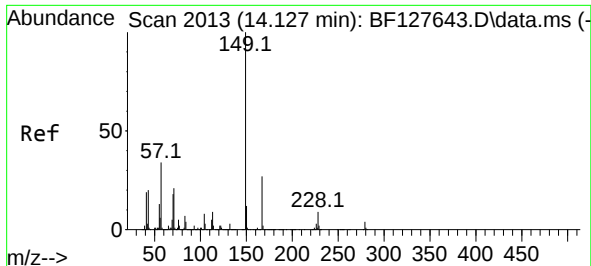
Tgt Ion:184 Resp: 12246
Ion Ratio Lower Upper
184 100
185 30.1 12.2 18.2#
183 81.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 10.879 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

Tgt Ion:244 Resp: 123279
Ion Ratio Lower Upper
244 100
212 8.2 5.7 8.5
122 13.2 6.2 9.2#

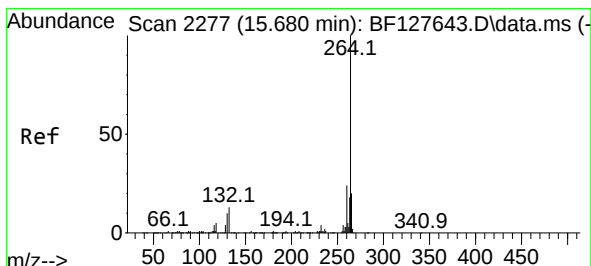
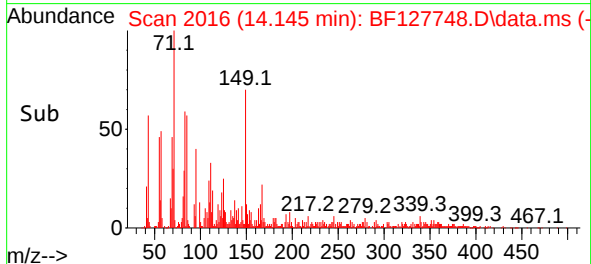
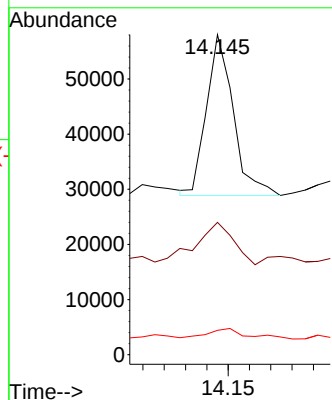
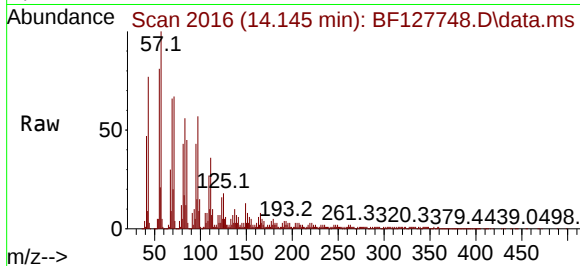




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.077 ng
RT: 14.145 min Scan# 2013
Delta R.T. 0.018 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

Instrument :
BNA_F
ClientSampleId :
COM-1

Tgt Ion:149 Resp: 25506
Ion Ratio Lower Upper
149 100
167 41.4 22.9 34.3#
279 7.6 3.2 4.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.739 min Scan# 2287
Delta R.T. 0.059 min
Lab File: BF127748.D
Acq: 11 Apr 2022 19:49

Tgt Ion:264 Resp: 157675
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.0 17.4 26.2

