

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127409.D
 Acq On : 18 Mar 2022 23:44
 Operator : CG\JU
 Sample : N1983-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042

Quant Time: Mar 19 01:54:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

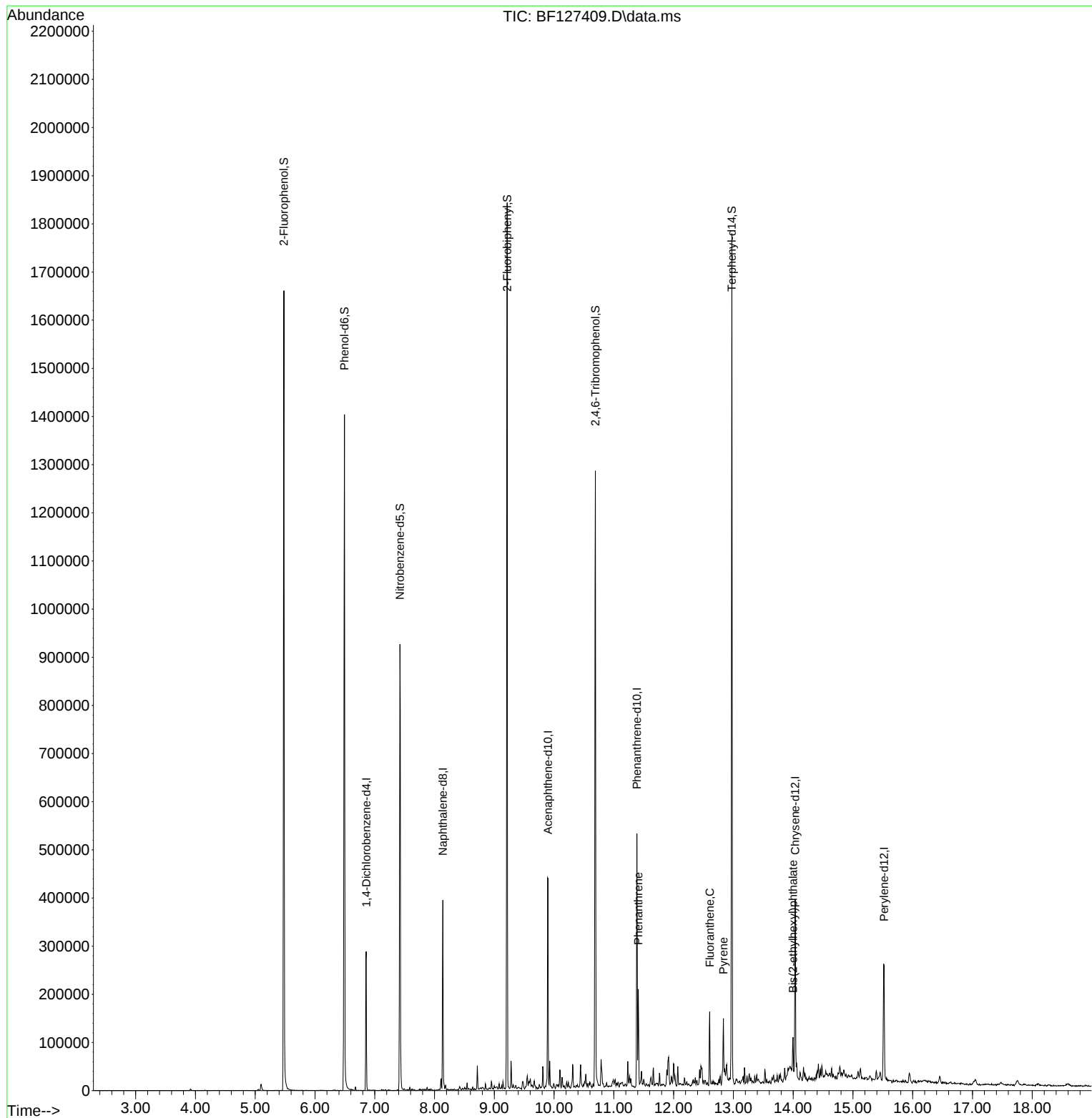
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	39946	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	142071	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	88717	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	170615	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	115259	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	113123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	368139	148.152	ng	0.00
7) Phenol-d6	6.492	99	411321	120.328	ng	0.00
23) Nitrobenzene-d5	7.422	82	290226	84.365	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	141411	148.069	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	492798	78.532	ng	0.00
79) Terphenyl-d14	12.974	244	555212	82.948	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	62056	6.890	ng	97
75) Fluoranthene	12.604	202	55387	5.500	ng	89
78) Pyrene	12.833	202	41840	4.661	ng	98
84) Bis(2-ethylhexyl)phtha...	13.998	149	16291	3.503	ng	# 99

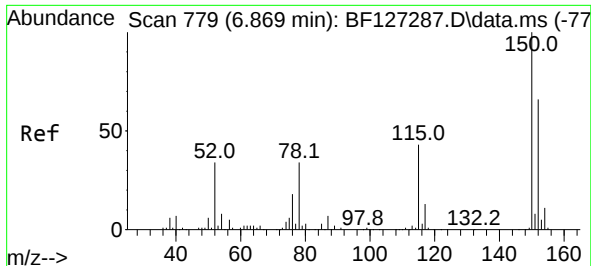
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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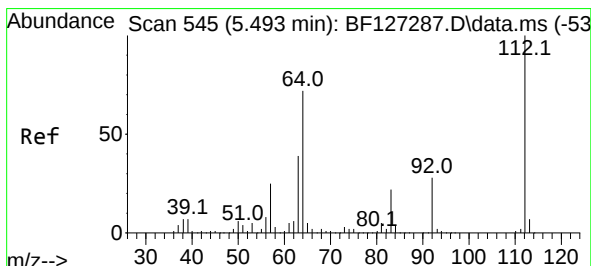
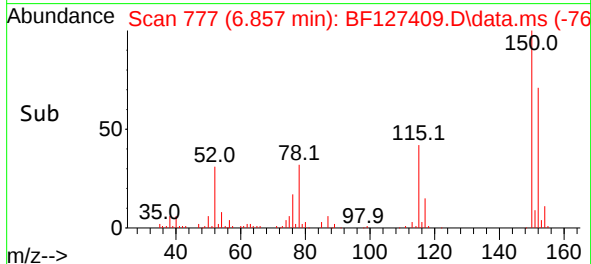
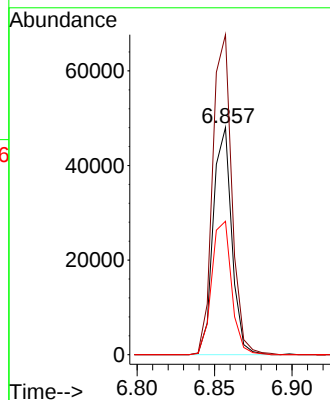
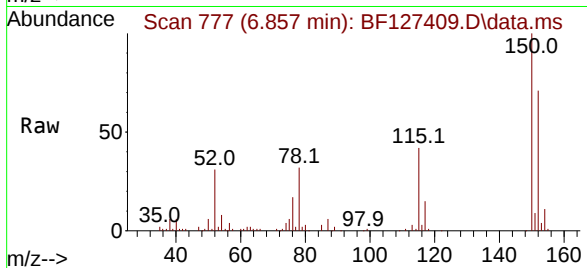




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

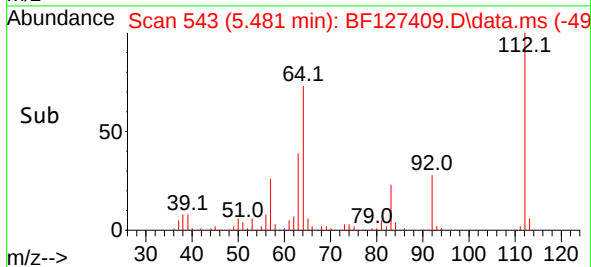
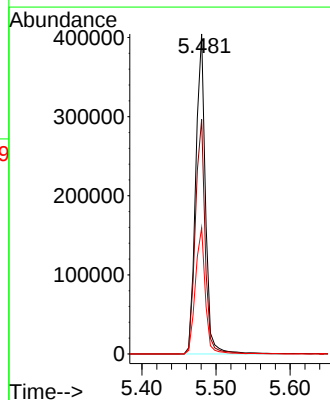
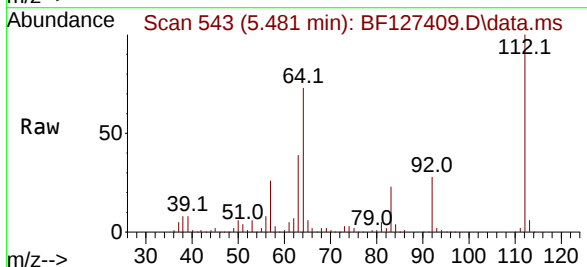
Instrument :
BNA_F
ClientSampleId :
124042

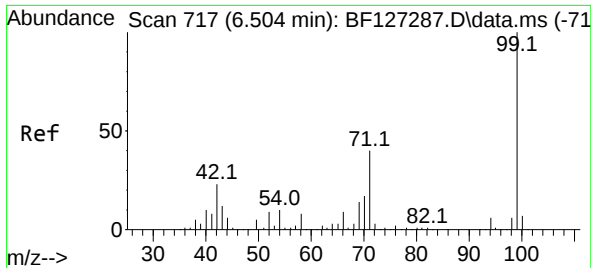
Tgt Ion:152 Resp: 39946
Ion Ratio Lower Upper
152 100
150 140.8 128.1 192.1
115 58.7 56.7 85.1



#5
2-Fluorophenol
Concen: 148.152 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Tgt Ion:112 Resp: 368139
Ion Ratio Lower Upper
112 100
64 73.3 49.5 74.3
63 39.4 23.9 35.9#





#7

Phenol-d6

Concen: 120.328 ng

RT: 6.492 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

124042

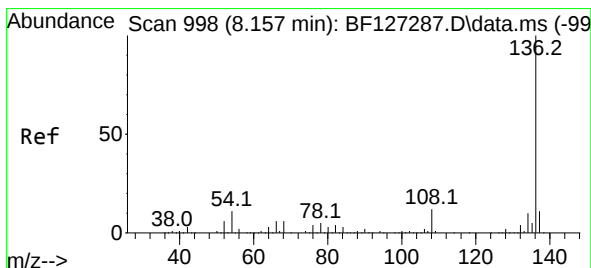
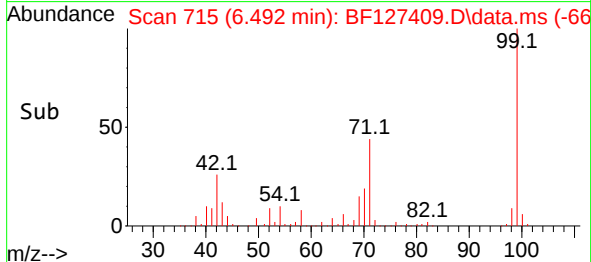
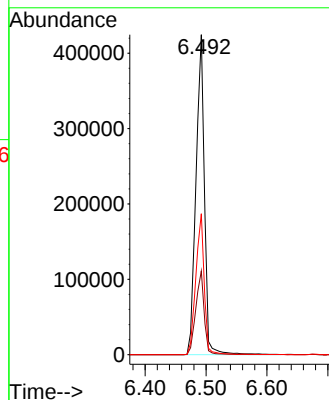
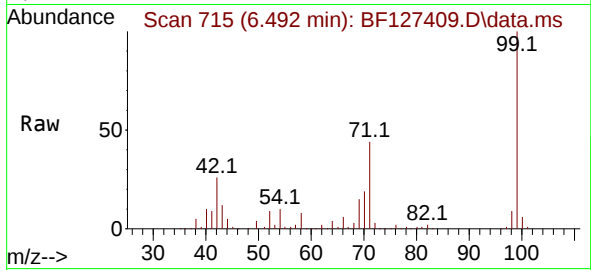
Tgt Ion: 99 Resp: 411321

Ion Ratio Lower Upper

99 100

42 26.2 14.2 21.4#

71 44.1 24.3 36.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

Tgt Ion: 136 Resp: 142071

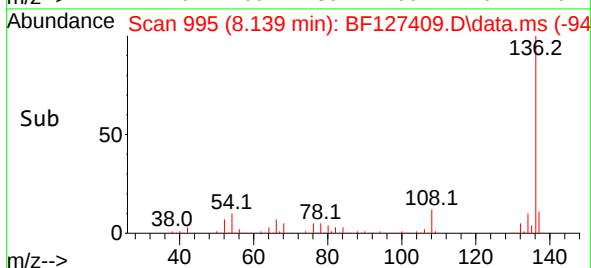
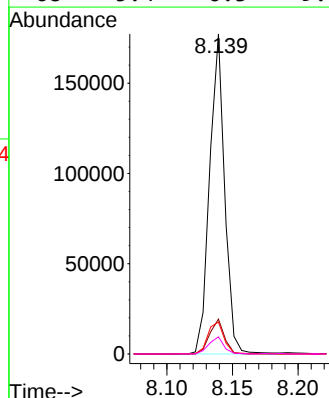
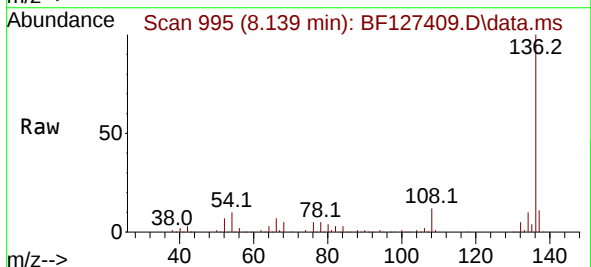
Ion Ratio Lower Upper

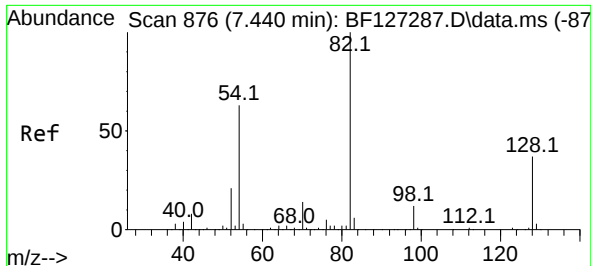
136 100

137 10.9 8.6 13.0

54 10.0 7.8 11.6

68 5.4 6.3 9.5#

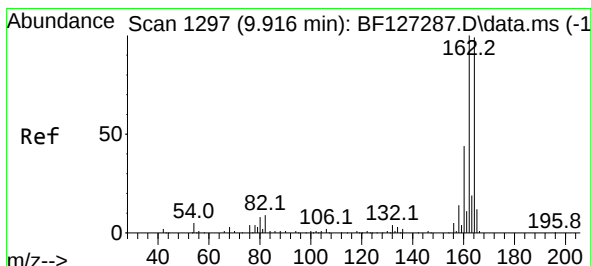
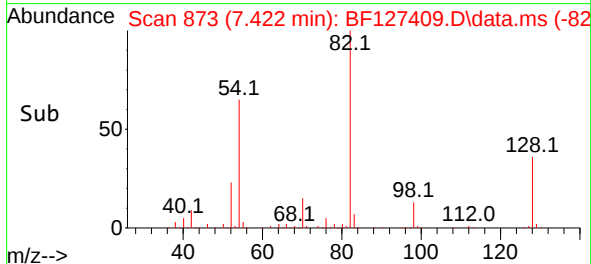
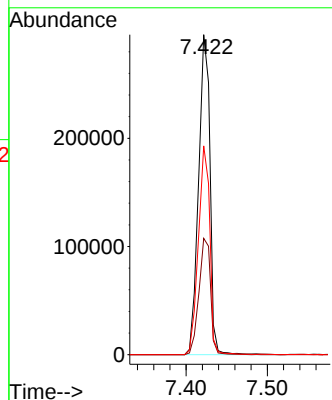
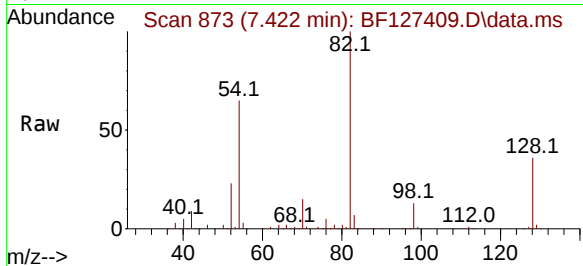




#23
Nitrobenzene-d5
Concen: 84.365 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

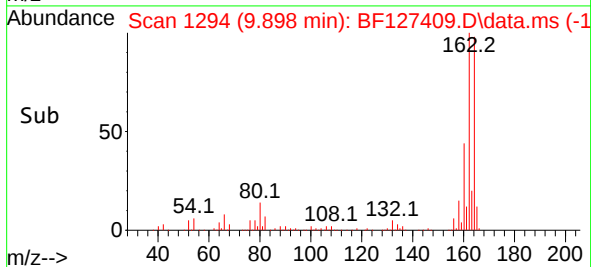
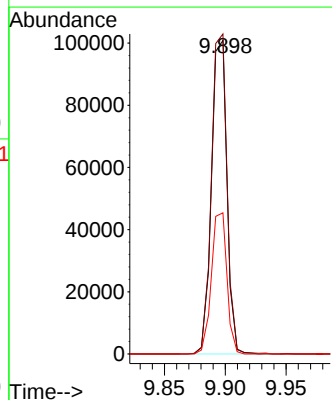
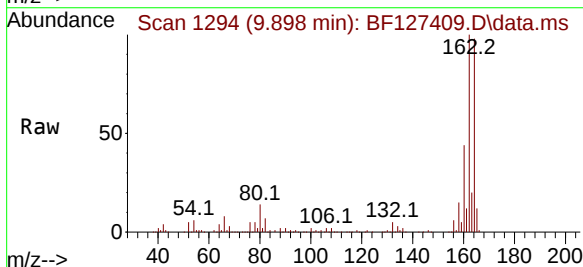
Instrument :
BNA_F
ClientSampleId :
124042

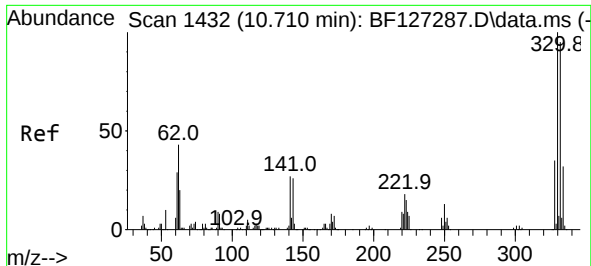
Tgt Ion: 82 Resp: 290226
Ion Ratio Lower Upper
82 100
128 36.4 32.7 49.1
54 65.2 41.7 62.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Tgt Ion:164 Resp: 88717
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 148.069 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

124042

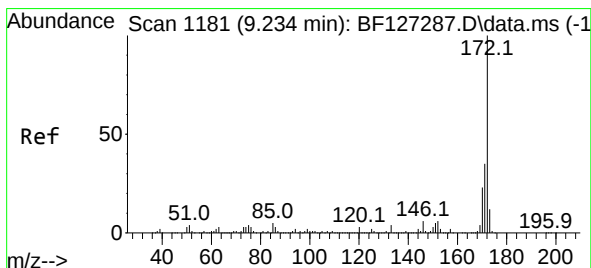
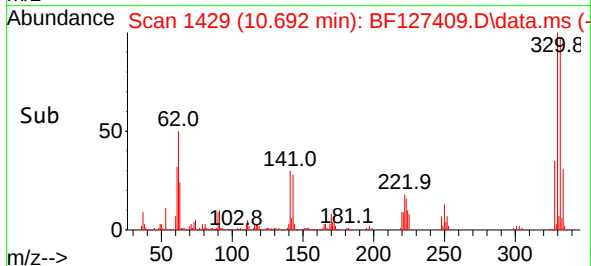
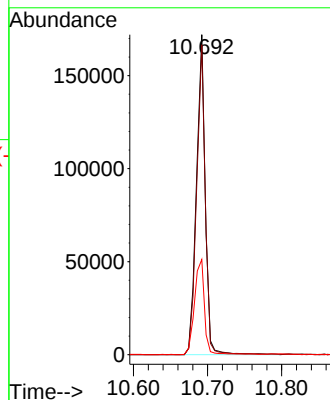
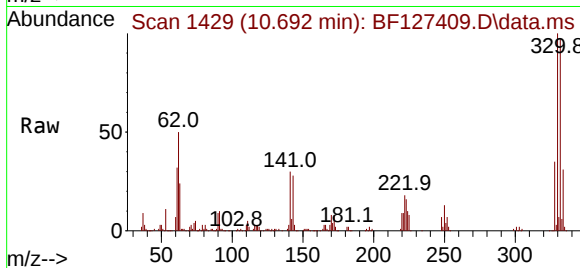
Tgt Ion:330 Resp: 141411

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 33.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 78.532 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

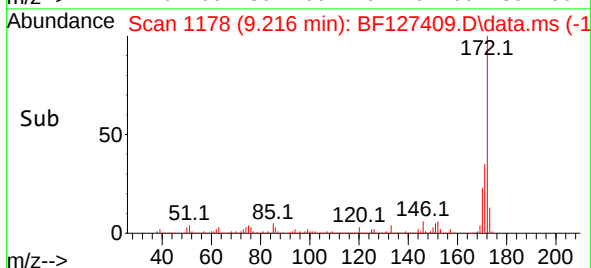
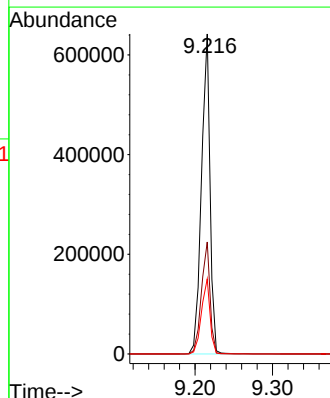
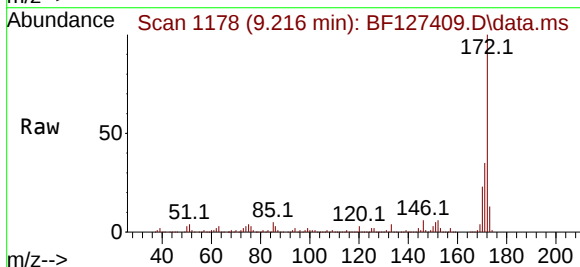
Tgt Ion:172 Resp: 492798

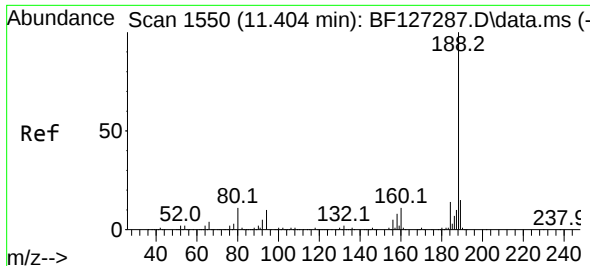
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 19.0 28.6

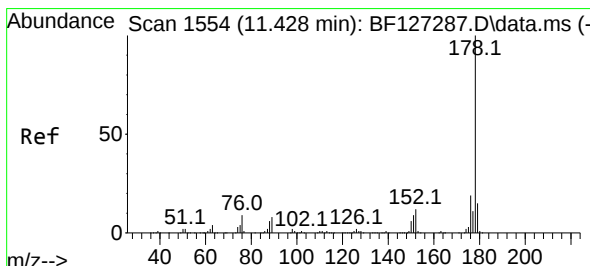
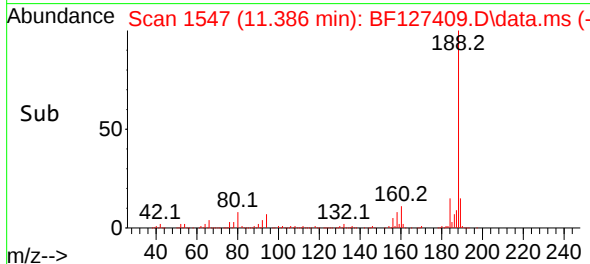
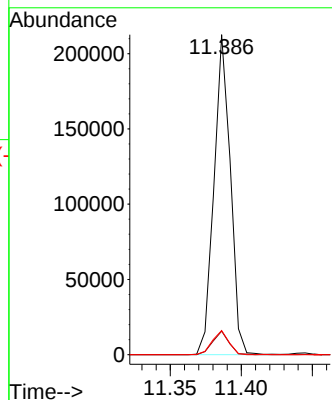
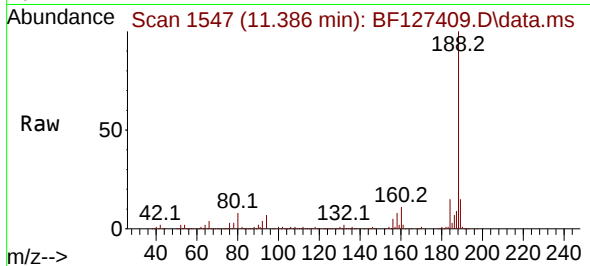




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

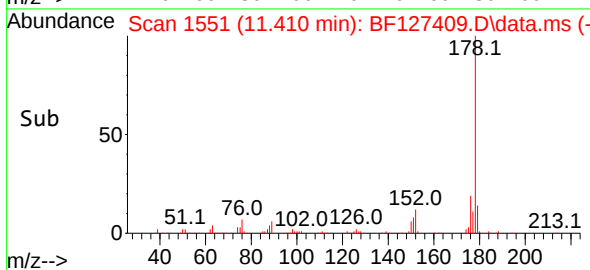
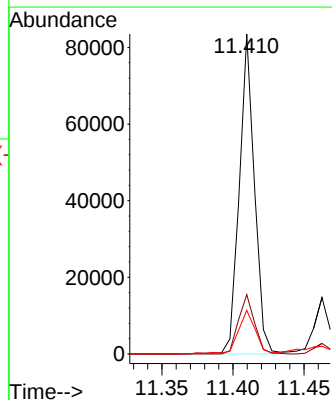
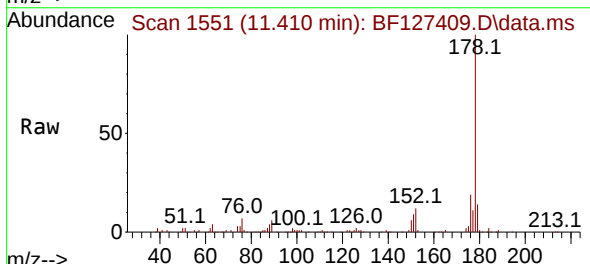
Instrument :
BNA_F
ClientSampleId :
124042

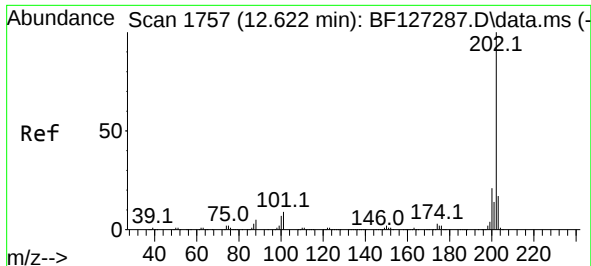
Tgt Ion:188 Resp: 170615
Ion Ratio Lower Upper
188 100
94 7.3 10.1 15.1#
80 7.6 11.8 17.6#



#71
Phenanthrene
Concen: 6.890 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.012 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Tgt Ion:178 Resp: 62056
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 13.6 12.3 18.5

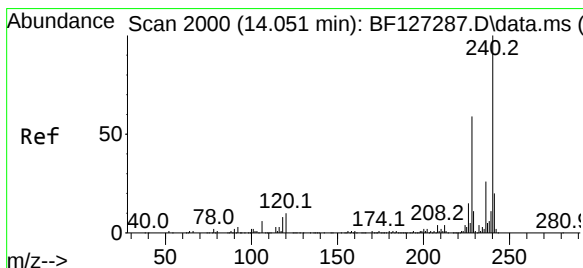
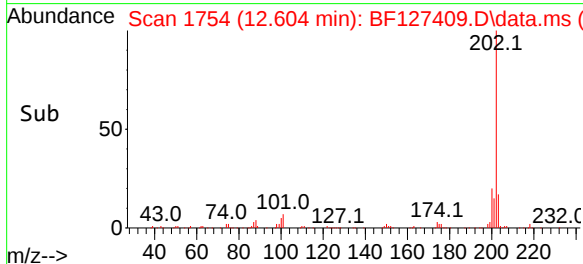
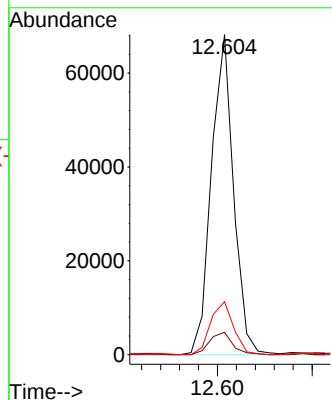
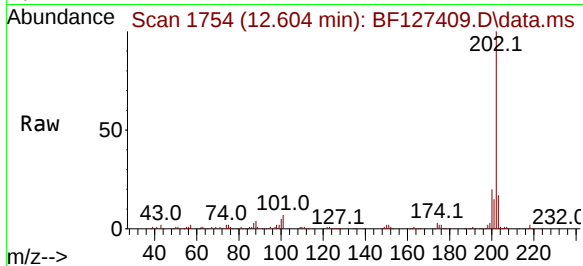




#75
Fluoranthene
Concen: 5.500 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

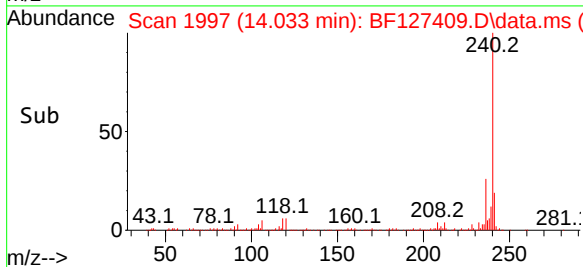
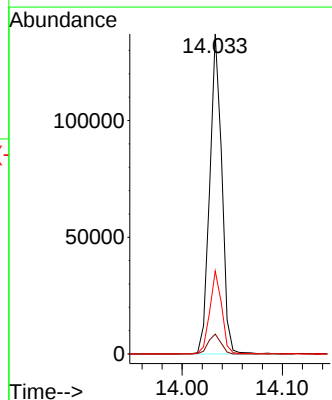
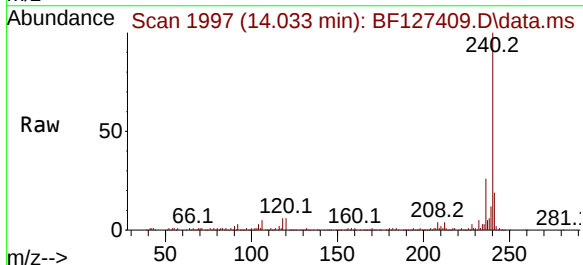
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BNA_F
ClientSampleId :
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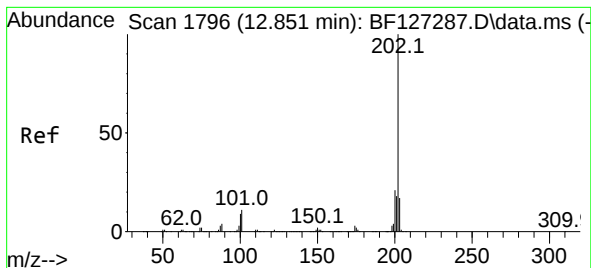
Tgt Ion:202 Resp: 55387
Ion Ratio Lower Upper
202 100
101 7.0 0.0 35.7
203 16.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Tgt Ion:240 Resp: 115259
Ion Ratio Lower Upper
240 100
120 6.2 14.4 21.6#
236 26.0 20.5 30.7





#78

Pyrene

Concen: 4.661 ng

RT: 12.833 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

124042

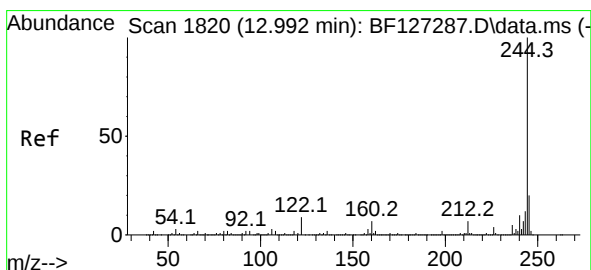
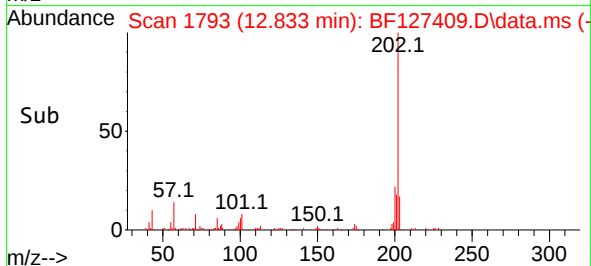
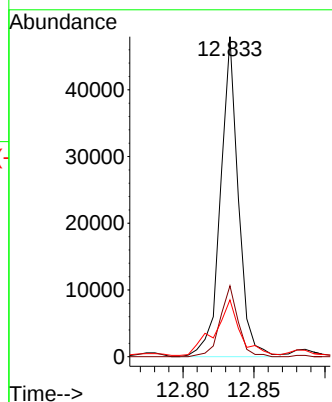
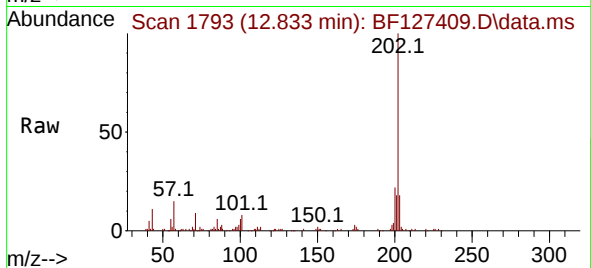
Tgt Ion:202 Resp: 41840

Ion Ratio Lower Upper

202 100

200 22.2 16.6 24.8

203 17.7 13.8 20.8



#79

Terphenyl-d14

Concen: 82.948 ng

RT: 12.974 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF127409.D

Acq: 18 Mar 2022 23:44

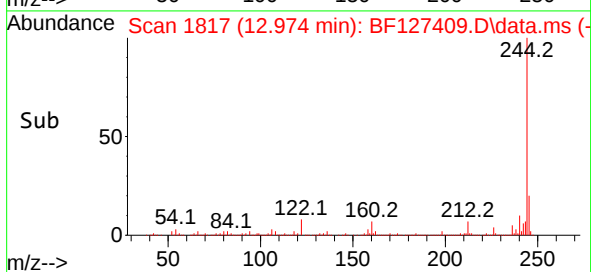
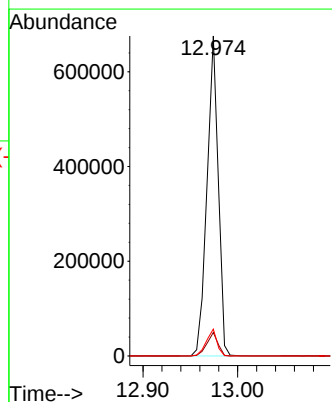
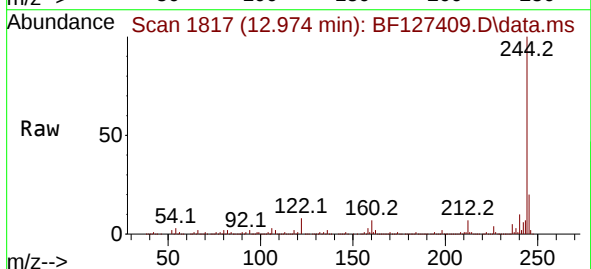
Tgt Ion:244 Resp: 555212

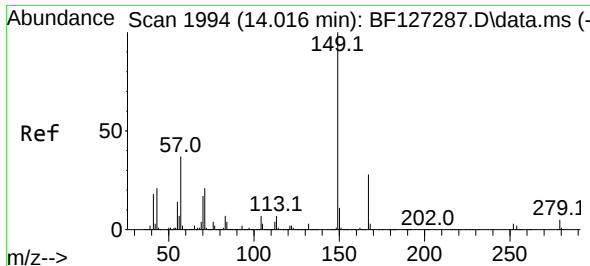
Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

122 8.4 13.3 19.9#

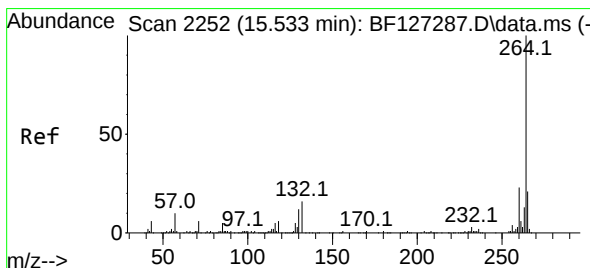
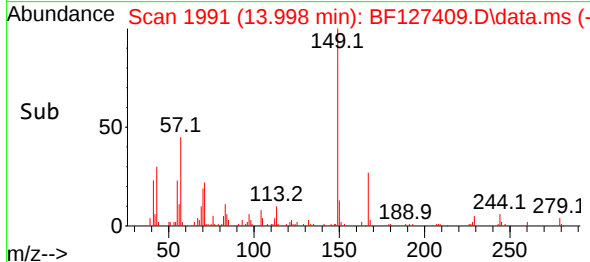
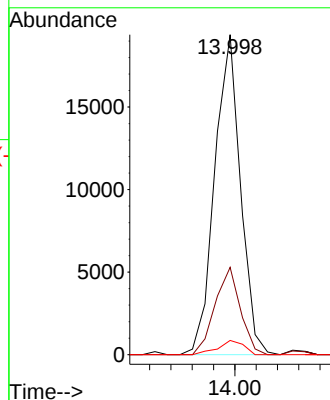
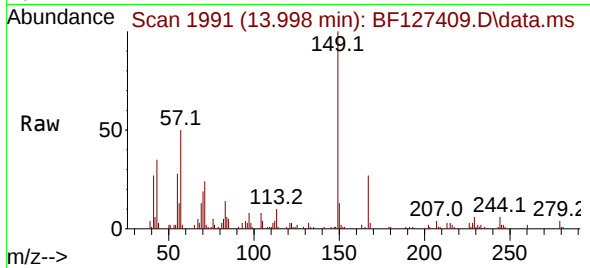




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.503 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Instrument :
BNA_F
ClientSampleId :
124042

Tgt Ion:149 Resp: 16291
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 4.4 2.4 3.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2250
Delta R.T. -0.000 min
Lab File: BF127409.D
Acq: 18 Mar 2022 23:44

Tgt Ion:264 Resp: 113123
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 20.4 17.4 26.2

