

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127609.D
 Acq On : 01 Apr 2022 13:42
 Operator : CG\JU
 Sample : N2217-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Quant Time: Apr 01 16:13:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

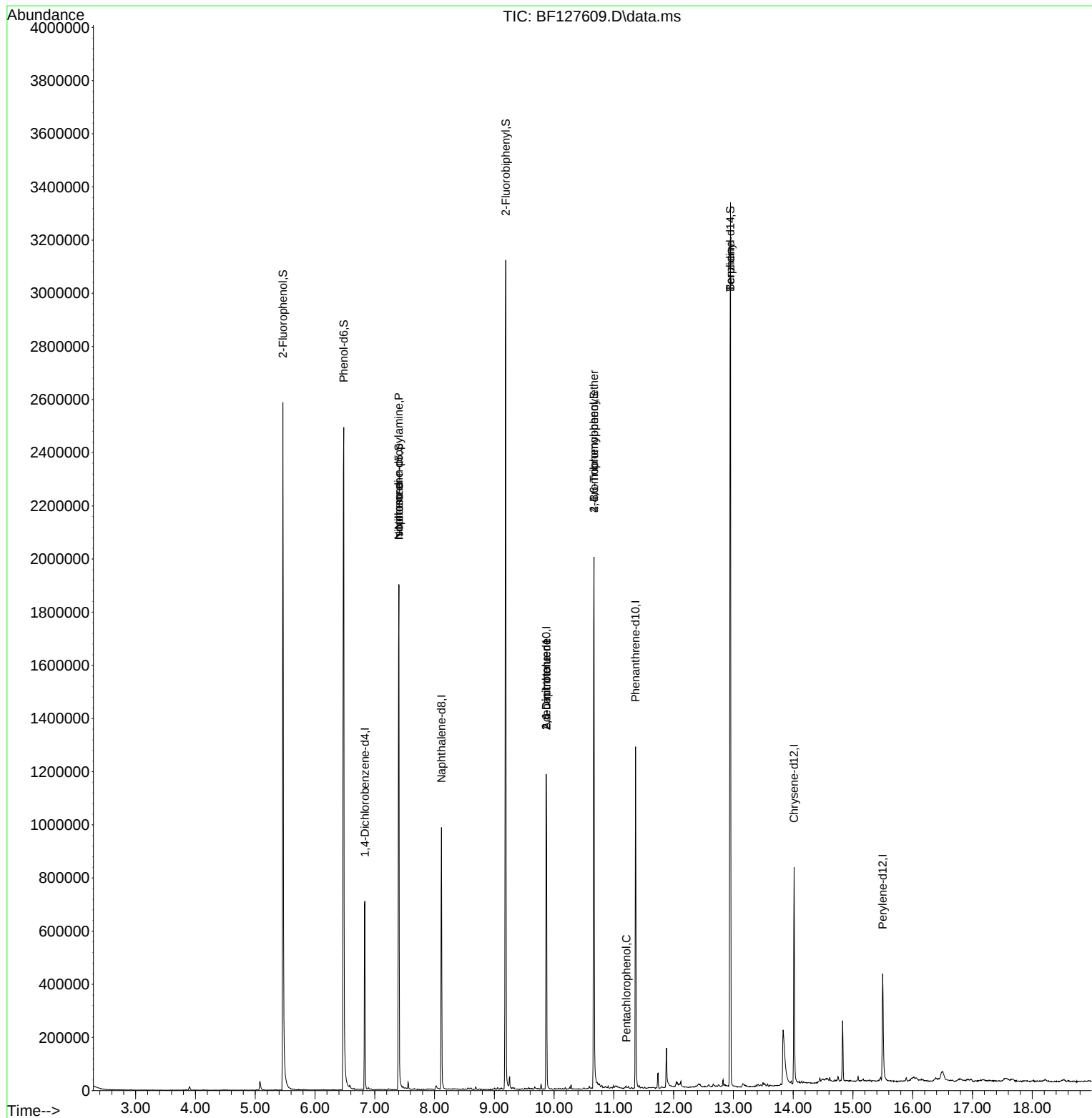
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	106961	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	402770	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	236727	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	433620	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	279910	20.000	ng	0.00
86) Perylene-d12	15.498	264	201368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	665216	99.273	ng	0.00
7) Phenol-d6	6.481	99	918811	100.311	ng	0.00
23) Nitrobenzene-d5	7.404	82	625670	66.402	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	243384	96.514	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1045484	64.490	ng	0.00
79) Terphenyl-d14	12.951	244	1197547	70.037	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	1266	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	84425	15.377	ng	# 78
25) Isophorone	7.404	82	625665	41.691	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	30550	8.837	ng	# 17
55) Dibenzofuran	10.080	168	61	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.869	165	30550	6.866	ng	# 13
58) Fluorene	10.669	166	9535	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.669	248	16364	3.232	ng	# 1
70) Pentachlorophenol	11.210	266	114	6.791	ng	# 1
77) Benzidine	12.951	184	15116	2.265	ng	# 82

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

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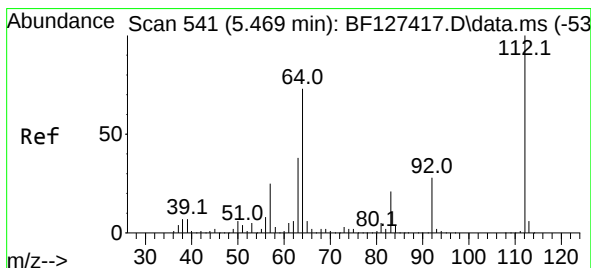
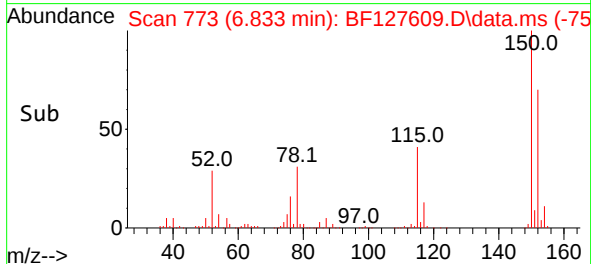
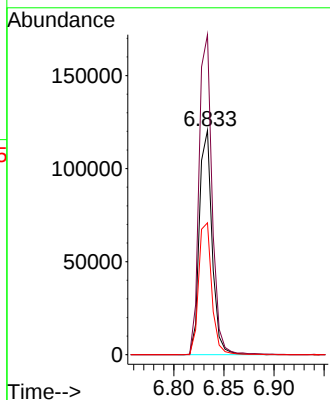
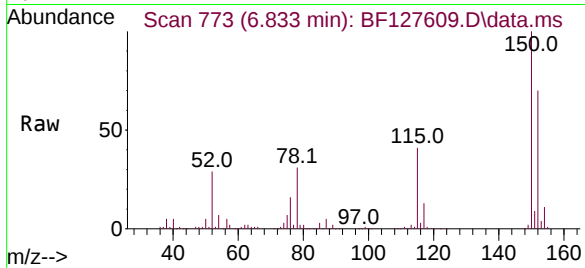




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.833 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

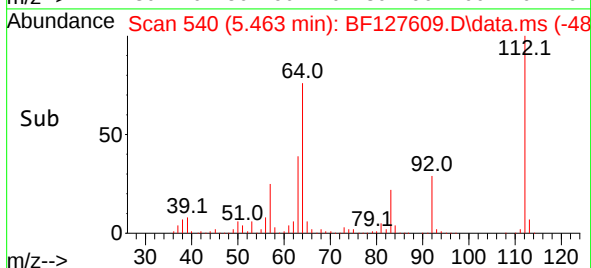
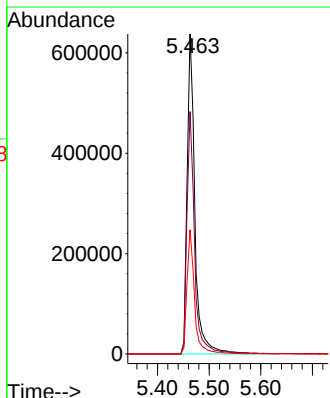
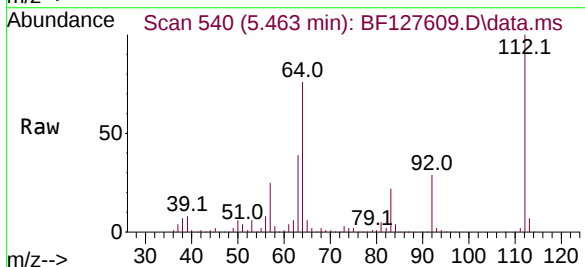
Instrument :
BNA_F
ClientSampleId :
SB-9

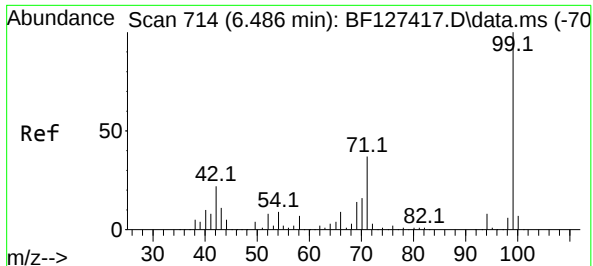
Tgt Ion:152 Resp: 106961
Ion Ratio Lower Upper
152 100
150 142.7 117.2 175.8
115 58.8 49.8 74.6



#5
2-Fluorophenol
Concen: 99.273 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

Tgt Ion:112 Resp: 665216
Ion Ratio Lower Upper
112 100
64 75.8 58.4 87.6
63 38.8 30.1 45.1





#7

Phenol-d6

Concen: 100.311 ng

RT: 6.481 min Scan# 714

Delta R.T. 0.000 min

Lab File: BF127609.D

Acq: 01 Apr 2022 13:42

Instrument :

BNA_F

ClientSampleId :

SB-9

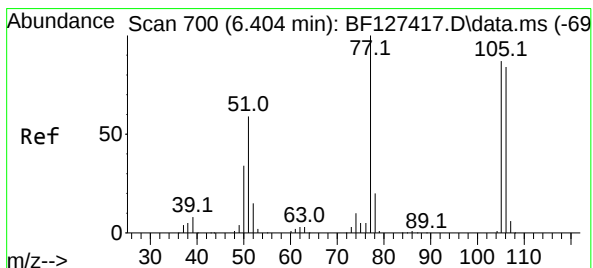
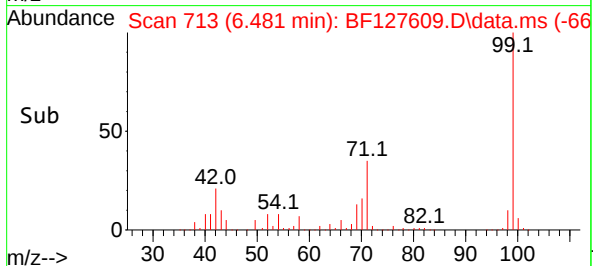
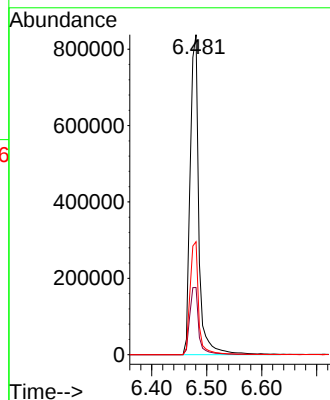
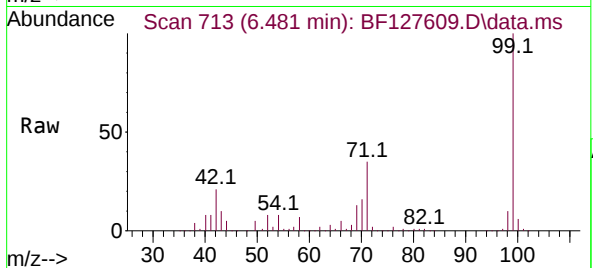
Tgt Ion: 99 Resp: 918811

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

71 35.3 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.475 min Scan# 712

Delta R.T. 0.082 min

Lab File: BF127609.D

Acq: 01 Apr 2022 13:42

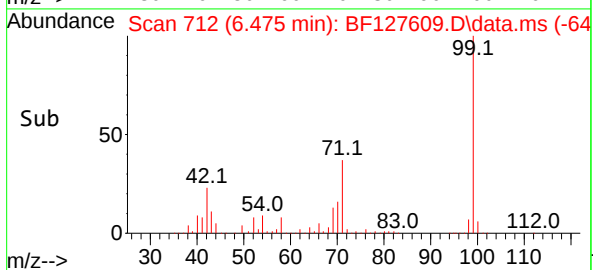
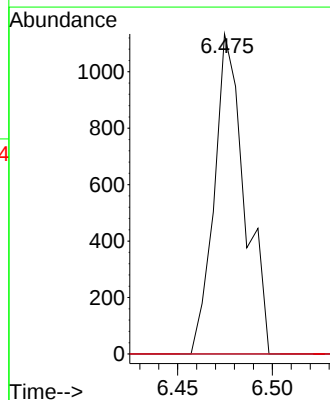
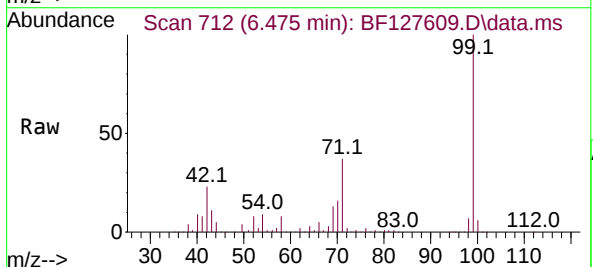
Tgt Ion: 77 Resp: 1266

Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 15.377 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127609.D

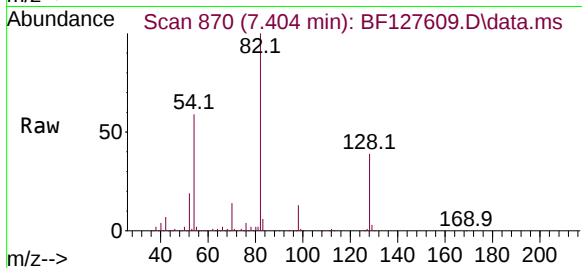
Acq: 01 Apr 2022 13:42

Instrument :

BNA_F

ClientSampleId :

SB-9



Tgt Ion: 70 Resp: 84425

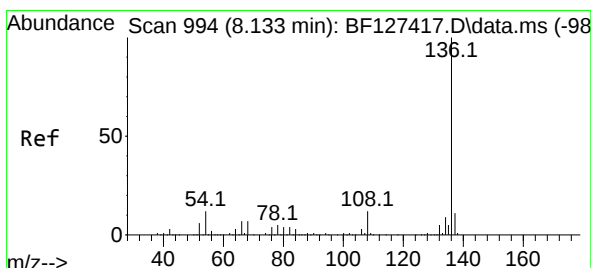
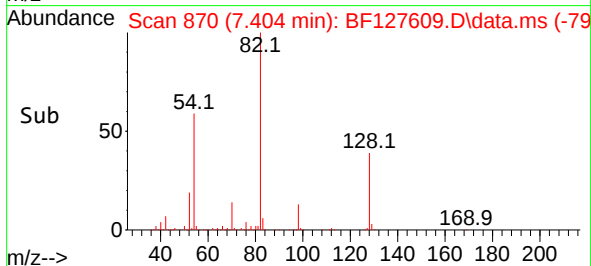
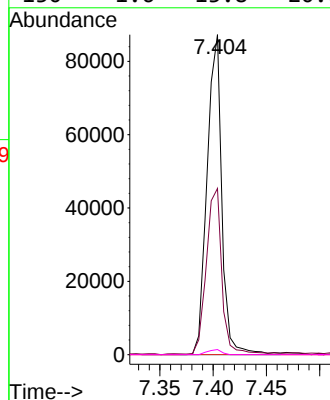
Ion Ratio Lower Upper

70 100

42 51.9 53.0 79.6#

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127609.D

Acq: 01 Apr 2022 13:42

Tgt Ion: 136 Resp: 402770

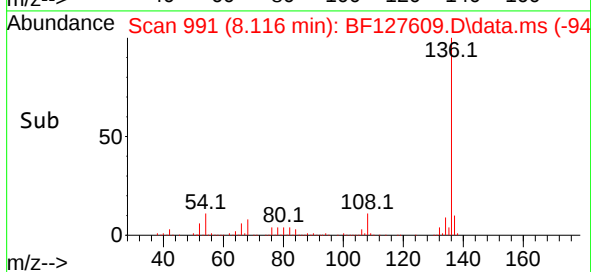
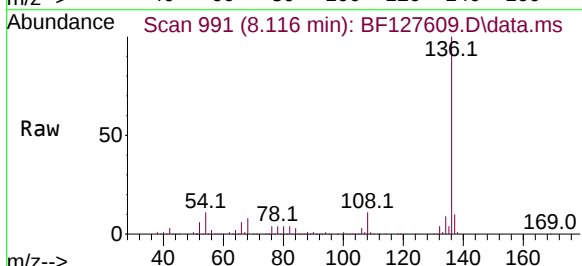
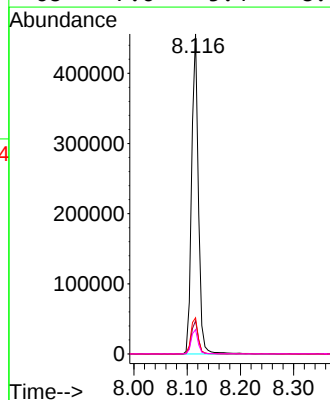
Ion Ratio Lower Upper

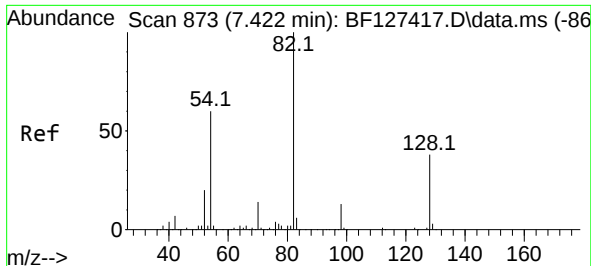
136 100

137 10.4 8.6 13.0

54 11.3 9.2 13.8

68 7.6 5.4 8.0

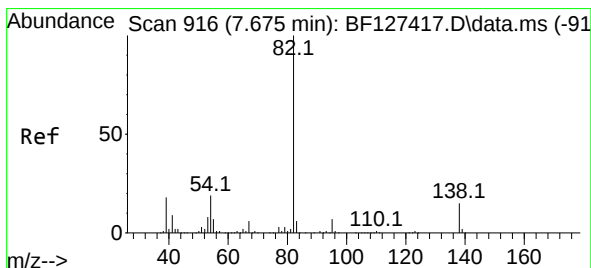
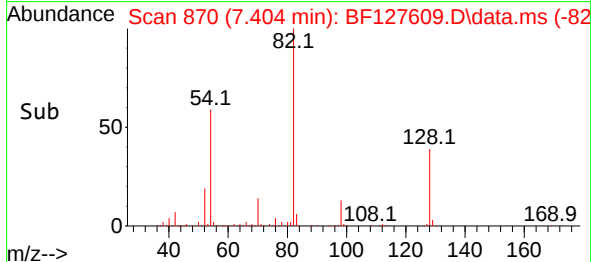
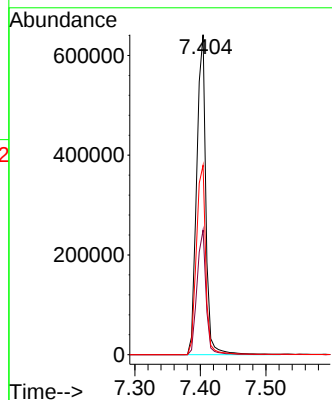
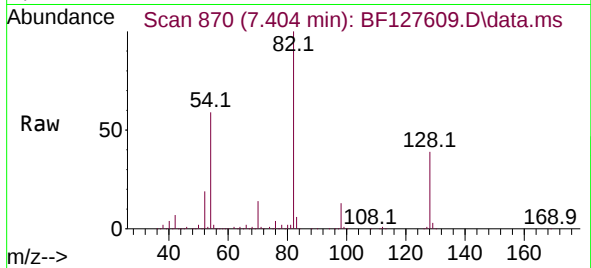




#23
Nitrobenzene-d5
Concen: 66.402 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

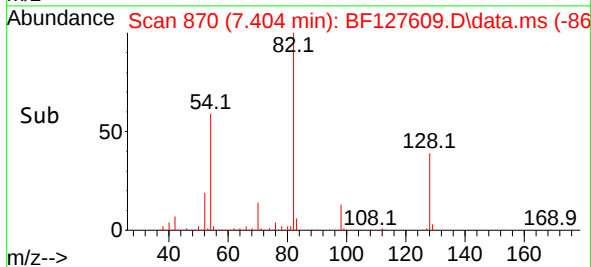
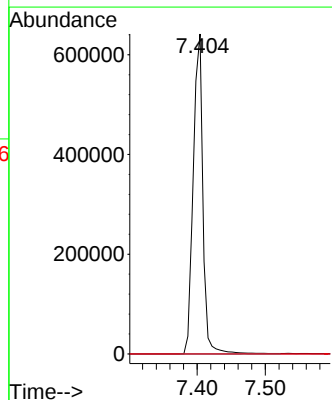
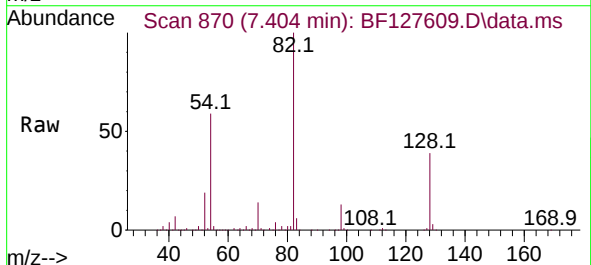
Instrument :
BNA_F
ClientSampleId :
SB-9

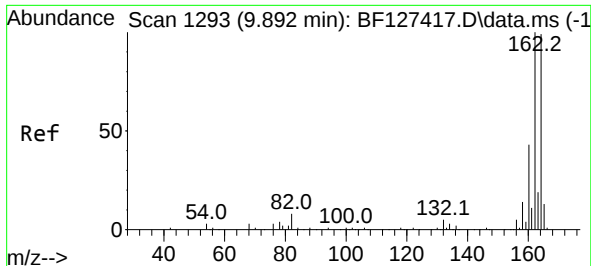
Tgt Ion: 82 Resp: 625670
Ion Ratio Lower Upper
82 100
128 39.0 30.6 45.8
54 59.2 48.2 72.2



#25
Isophorone
Concen: 41.691 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

Tgt Ion: 82 Resp: 625665
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127609.D

Acq: 01 Apr 2022 13:42

Instrument :

BNA_F

ClientSampleId :

SB-9

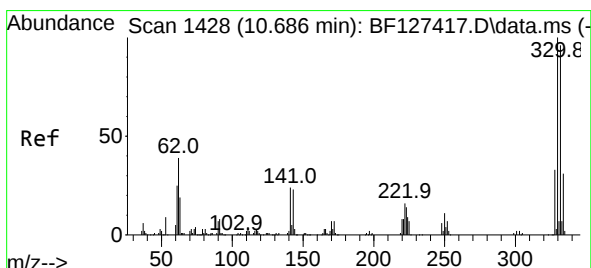
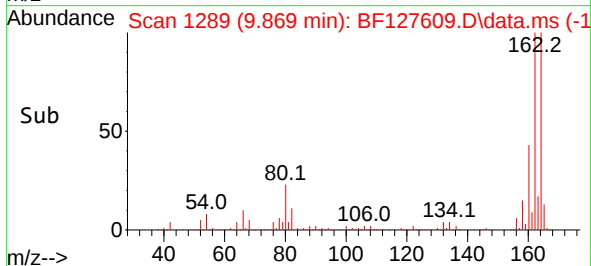
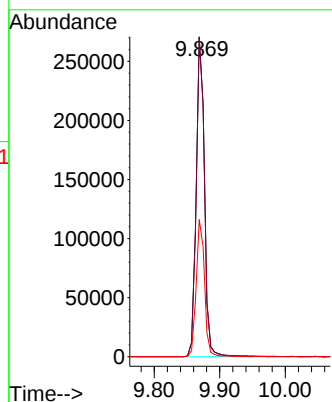
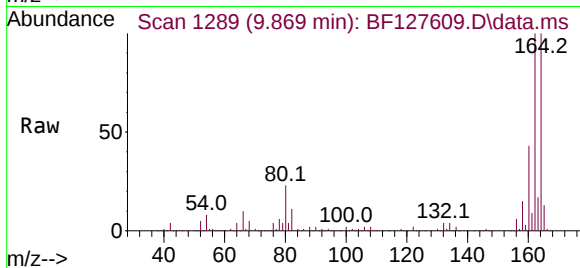
Tgt Ion:164 Resp: 236727

Ion Ratio Lower Upper

164 100

162 100.4 81.2 121.8

160 43.0 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 96.514 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127609.D

Acq: 01 Apr 2022 13:42

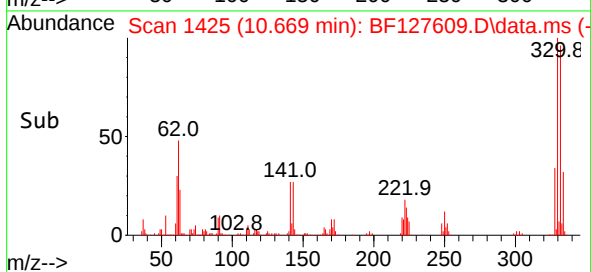
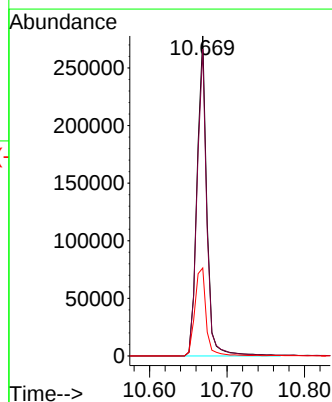
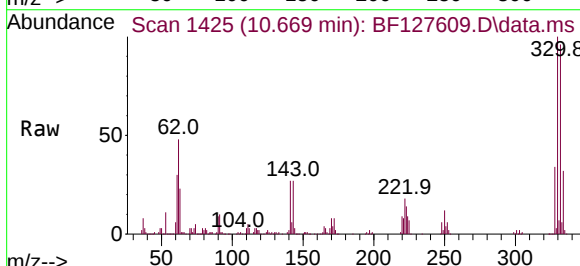
Tgt Ion:330 Resp: 243384

Ion Ratio Lower Upper

330 100

332 96.3 79.1 118.7

141 31.7 26.2 39.4

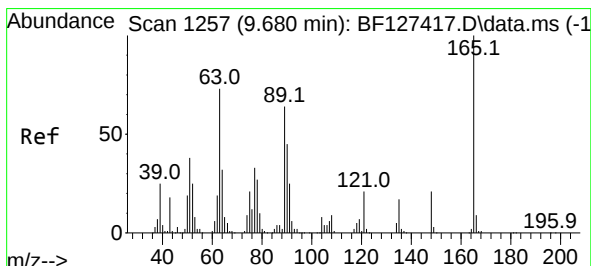
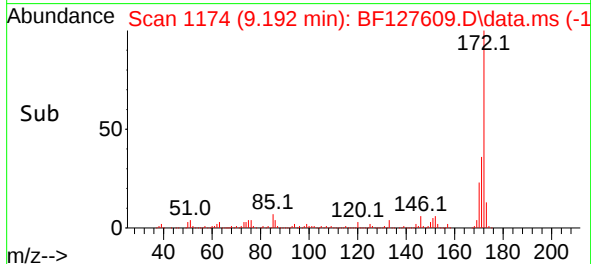
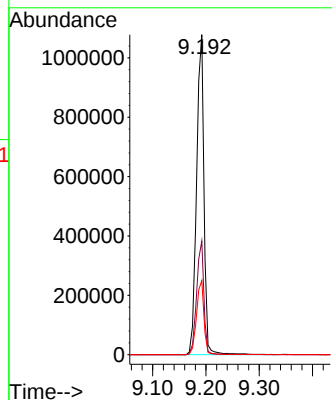
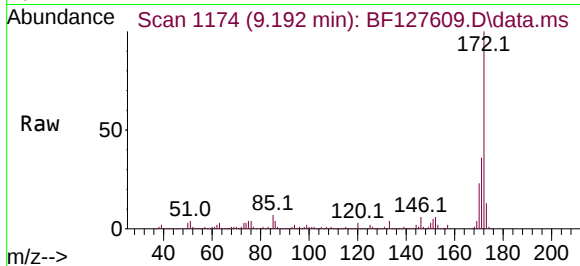




#45
2-Fluorobiphenyl
Concen: 64.490 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

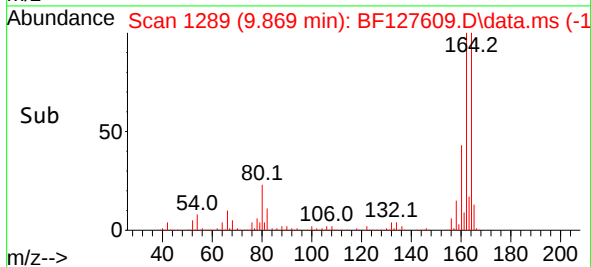
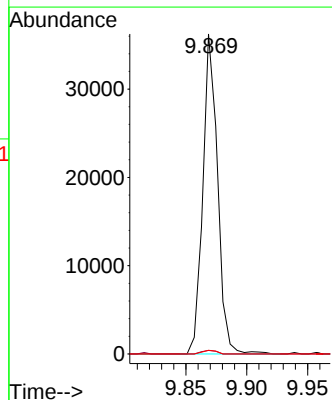
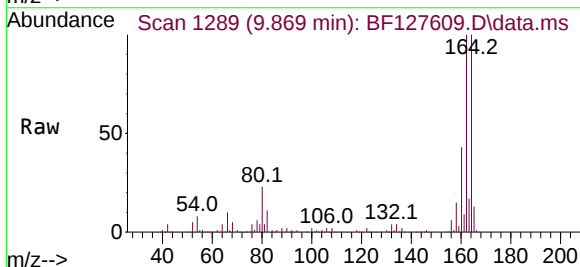
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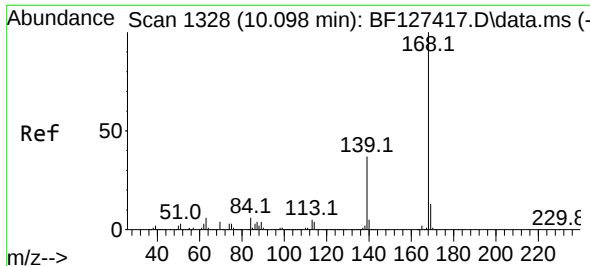
Tgt Ion:172 Resp: 1045484
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.837 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

Tgt Ion:165 Resp: 30550
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.1 51.5 77.3#

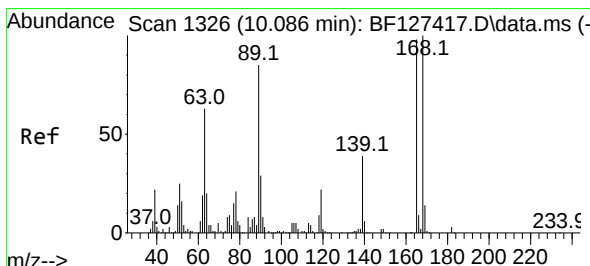
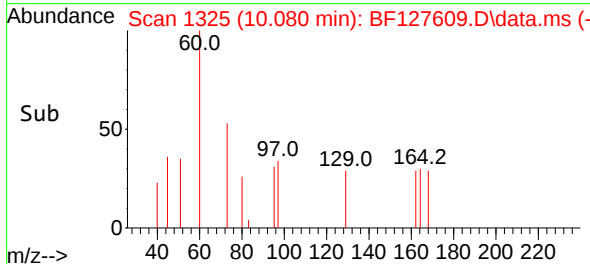
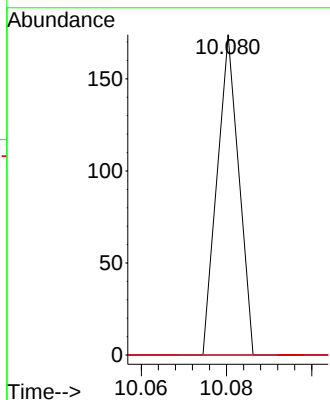
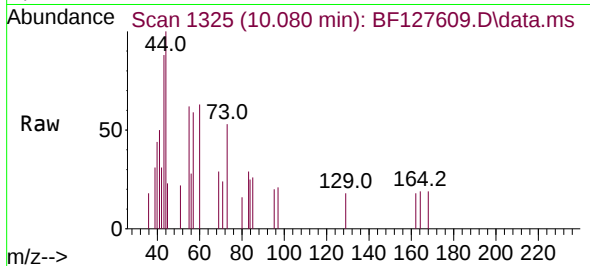




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

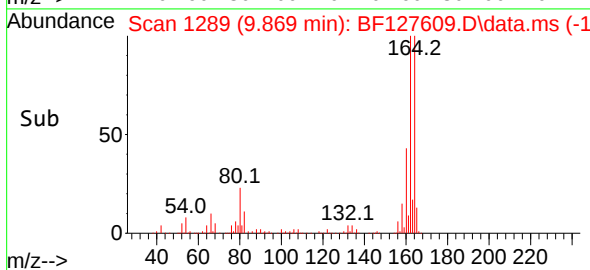
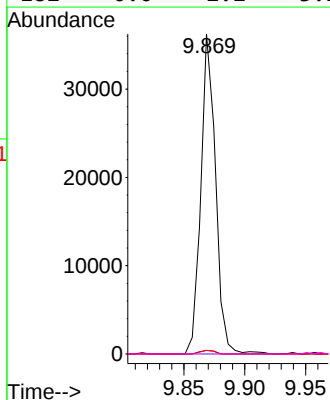
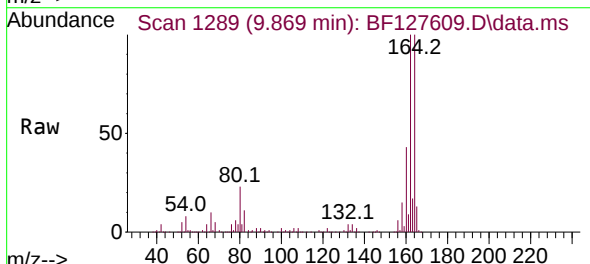
Instrument :
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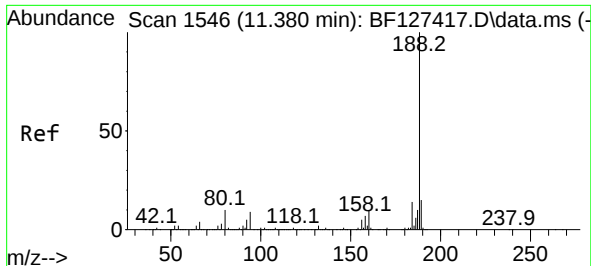
Tgt Ion:168 Resp: 61
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.866 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

Tgt Ion:165 Resp: 30550
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#

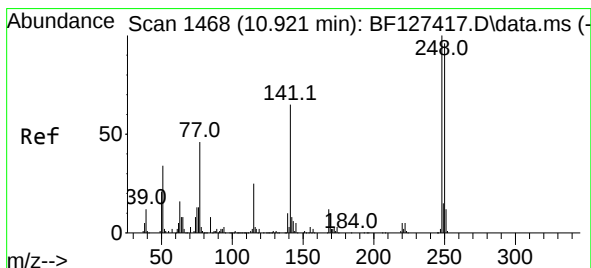
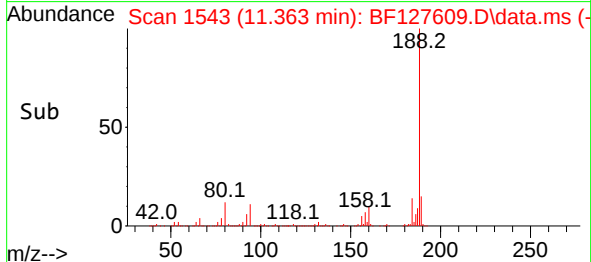
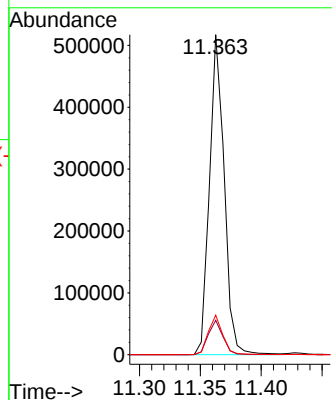
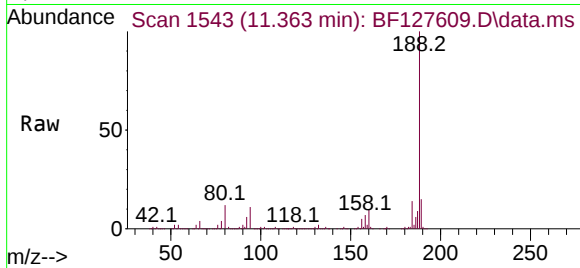




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

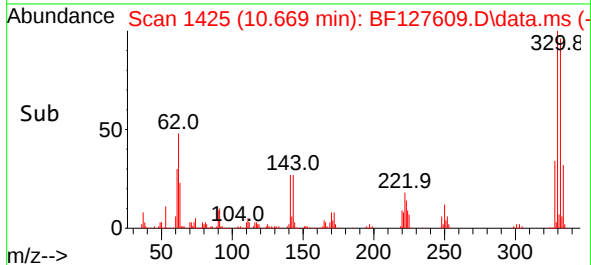
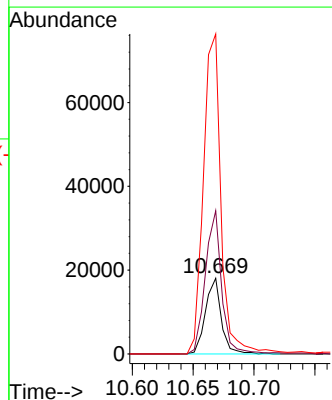
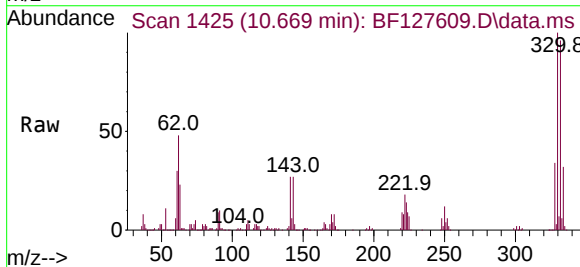
Instrument :
BNA_F
ClientSampleId :
SB-9

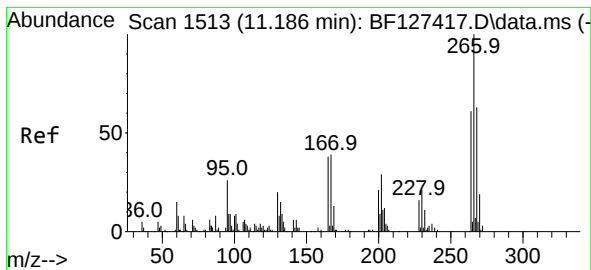
Tgt Ion:188 Resp: 433620
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.0
80 12.3 8.0 12.0#



#67
4-Bromophenyl-phenylether
Concen: 3.232 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.235 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

Tgt Ion:248 Resp: 16364
Ion Ratio Lower Upper
248 100
250 189.4 76.6 115.0#
141 423.1 52.2 78.2#





#70

Pentachlorophenol

Concen: 6.791 ng

RT: 11.210 min Scan# 1517

Delta R.T. 0.035 min

Lab File: BF127609.D

Acq: 01 Apr 2022 13:42

Instrument :

BNA_F

ClientSampleId :

SB-9

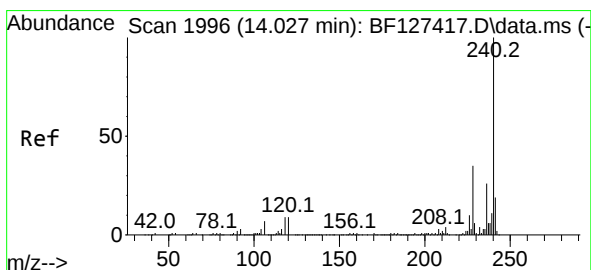
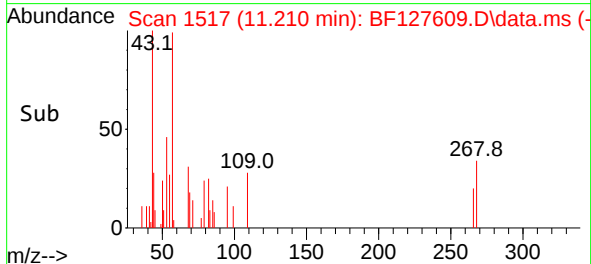
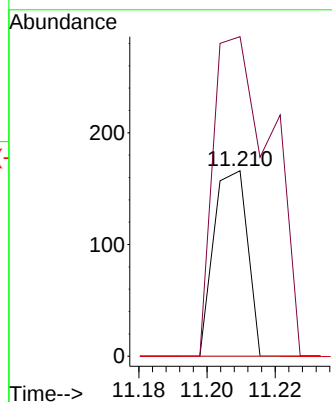
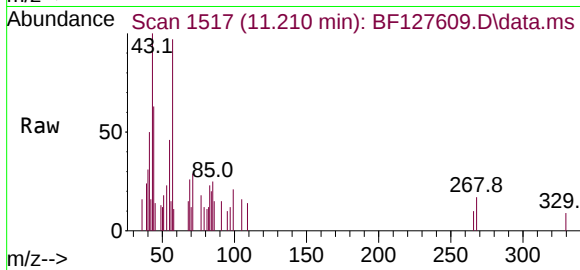
Tgt Ion:266 Resp: 114

Ion Ratio Lower Upper

266 100

268 172.3 50.4 75.6#

264 0.0 48.5 72.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BF127609.D

Acq: 01 Apr 2022 13:42

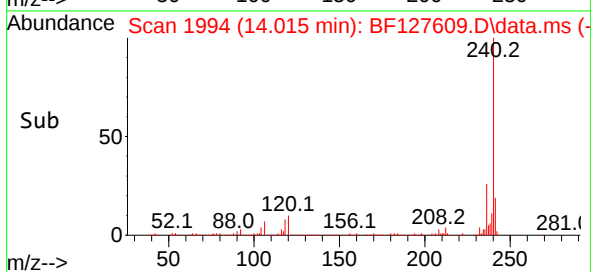
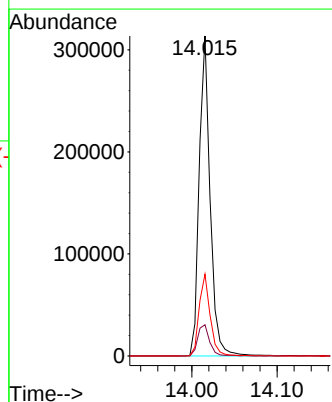
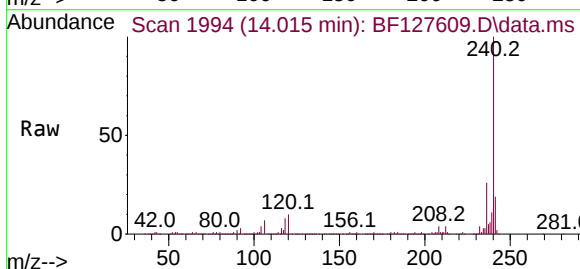
Tgt Ion:240 Resp: 279910

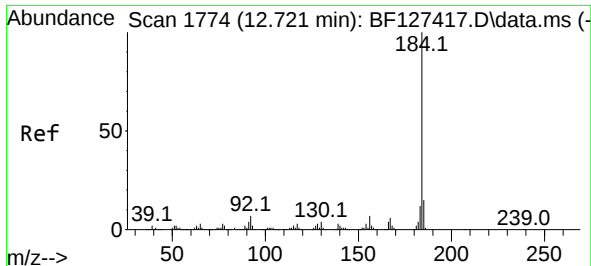
Ion Ratio Lower Upper

240 100

120 9.7 7.1 10.7

236 25.5 20.7 31.1

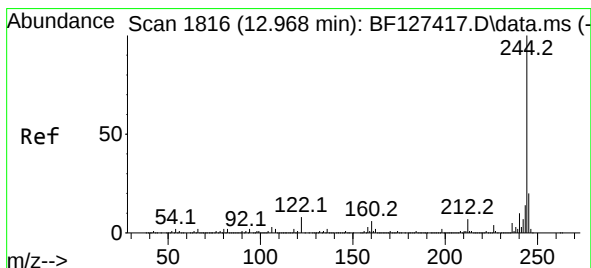
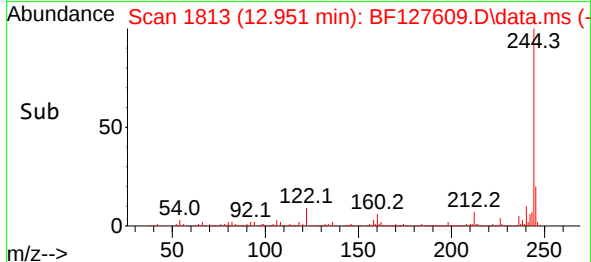
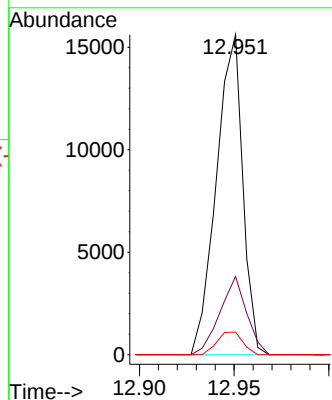
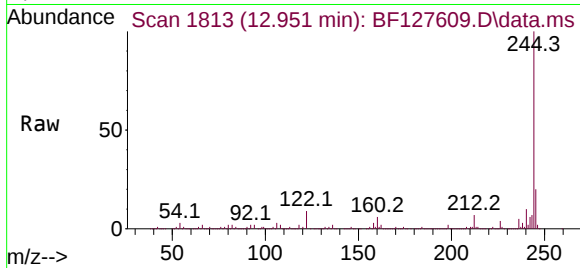




#77
Benzidine
Concen: 2.265 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

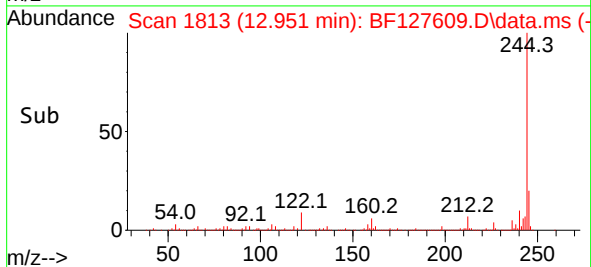
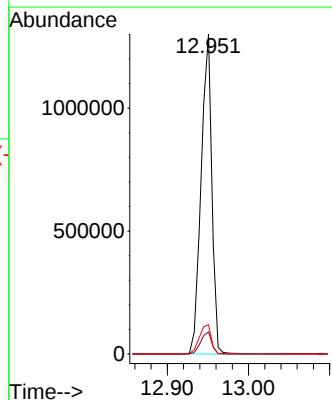
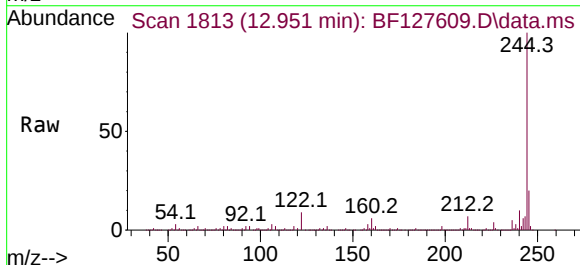
Instrument :
BNA_F
ClientSampleId :
SB-9

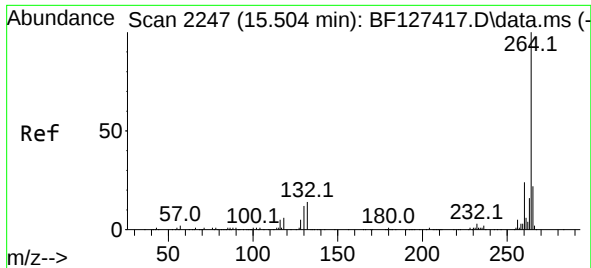
Tgt Ion:184 Resp: 15116
Ion Ratio Lower Upper
184 100
185 24.4 12.2 18.2#
183 7.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 70.037 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

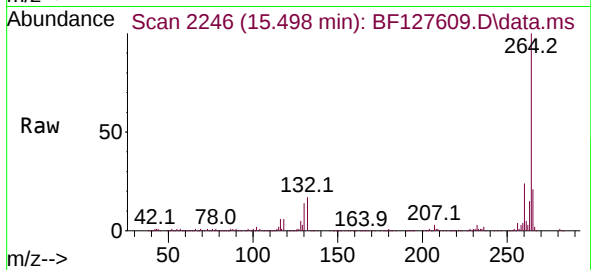
Tgt Ion:244 Resp: 1197547
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.1 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127609.D
Acq: 01 Apr 2022 13:42

Instrument :
BNA_F
ClientSampleId :
SB-9



Tgt Ion:264 Resp: 201368

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	20.9	17.4	26.2

