

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127553.D
 Acq On : 28 Mar 2022 20:32
 Operator : CG\JU
 Sample : N2125-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 164718

Quant Time: Mar 29 07:17:17 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)

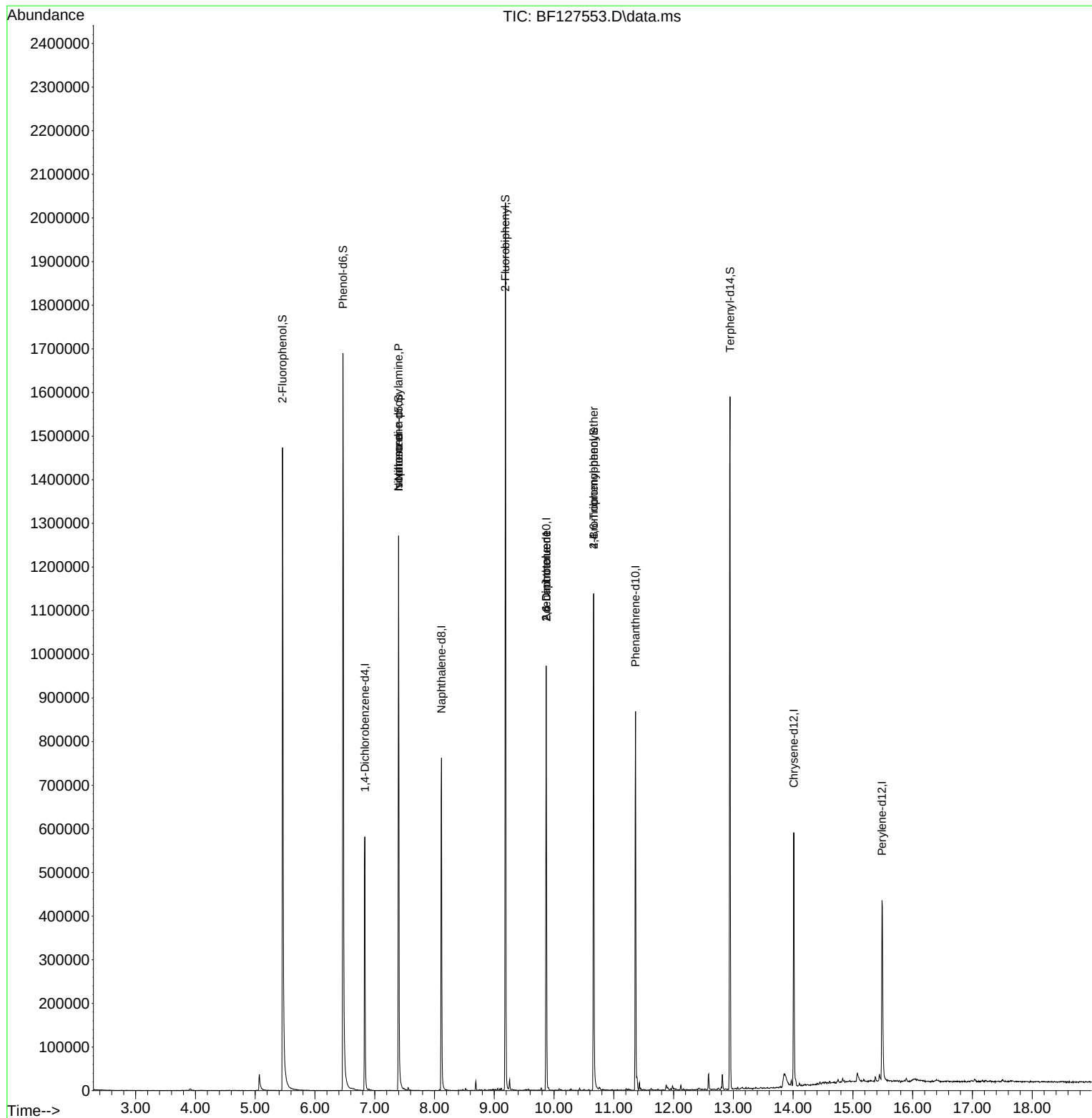
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	88198	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	322464	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	182668	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	301847	20.000	ng	0.00
76) Chrysene-d12	14.010	240	191787	20.000	ng	0.00
86) Perylene-d12	15.486	264	196566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	399757	72.349	ng	0.00
7) Phenol-d6	6.469	99	545434	72.216	ng	-0.01
23) Nitrobenzene-d5	7.398	82	369278	48.951	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	123360	63.395	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	580997	46.444	ng	0.00
79) Terphenyl-d14	12.945	244	537996	45.921	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.469	77	783	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.398	70	48828	10.785	ng	# 79
25) Isophorone	7.398	82	369275	30.734	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	23243	8.713	ng	# 17
55) Dibenzofuran	10.087	168	2056	Below Cal		98
57) 2,4-Dinitrotoluene	9.869	165	23243	6.769	ng	# 14
58) Fluorene	10.428	166	1562	Below Cal		97
67) 4-Bromophenyl-phenylether	10.663	248	8649	2.454	ng	# 1

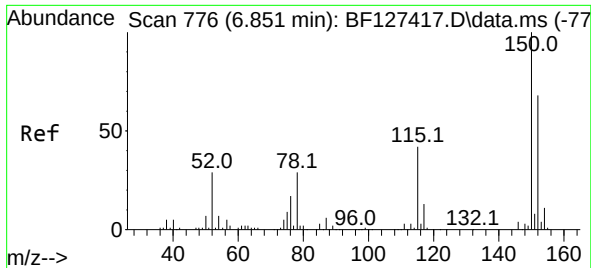
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :
164718

Quant Time: Mar 29 07:17:17 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

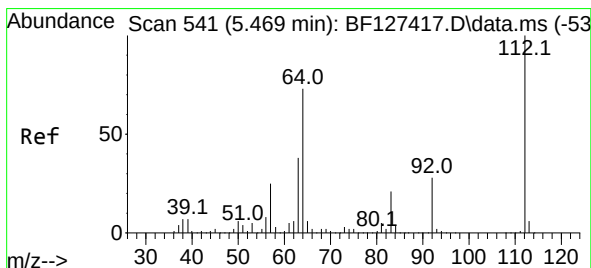
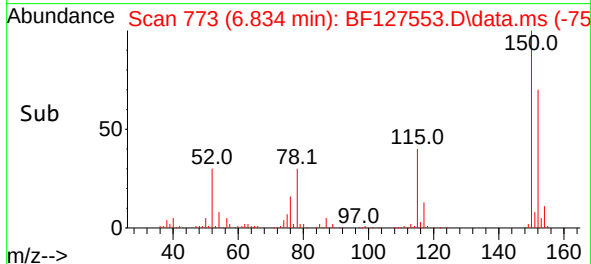
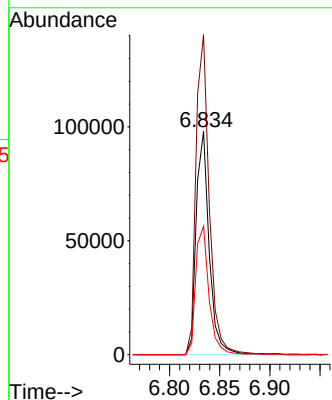
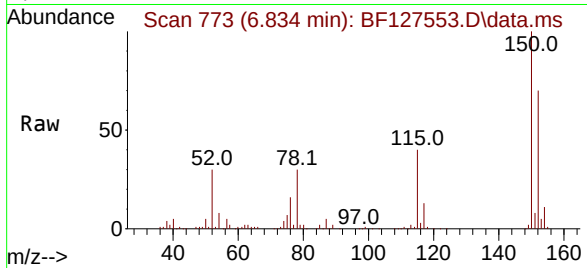




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127553.D
Acq: 28 Mar 2022 20:32

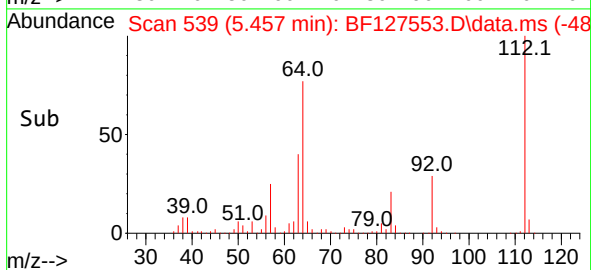
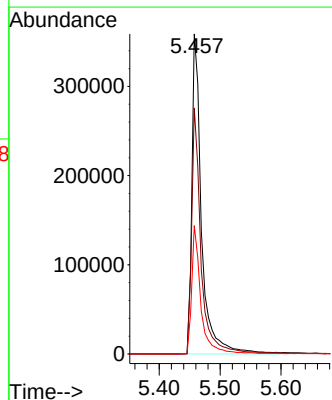
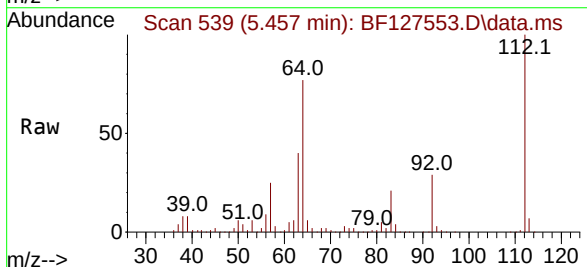
Instrument :
BNA_F
ClientSampleId :
164718

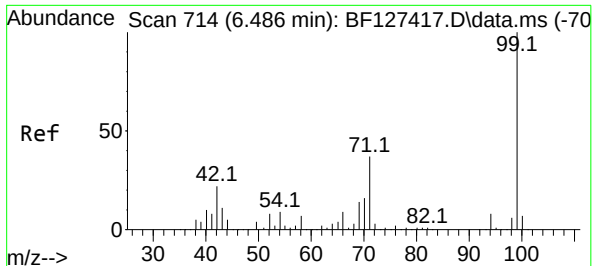
Tgt Ion:152 Resp: 88198
Ion Ratio Lower Upper
152 100
150 143.3 117.2 175.8
115 57.6 49.8 74.6



#5
2-Fluorophenol
Concen: 72.349 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127553.D
Acq: 28 Mar 2022 20:32

Tgt Ion:112 Resp: 399757
Ion Ratio Lower Upper
112 100
64 76.9 58.4 87.6
63 40.1 30.1 45.1

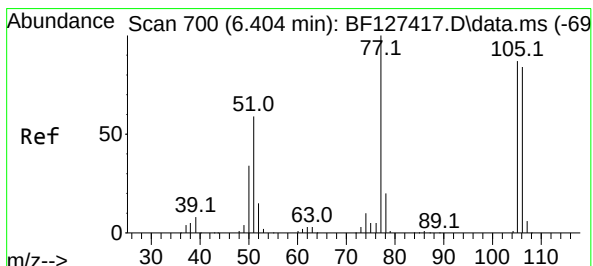
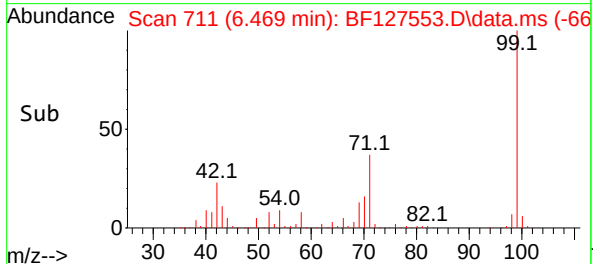
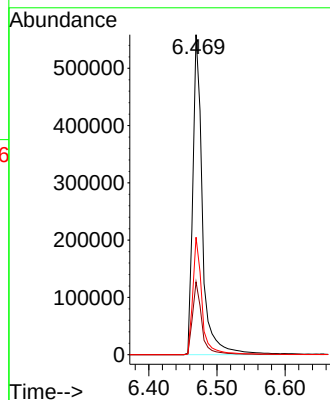
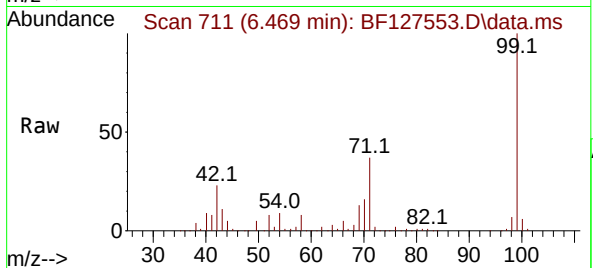




#7
Phenol-d6
Concen: 72.216 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.011 min
Lab File: BF127553.D
Acq: 28 Mar 2022 20:32

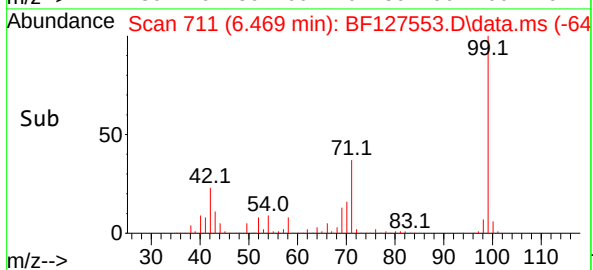
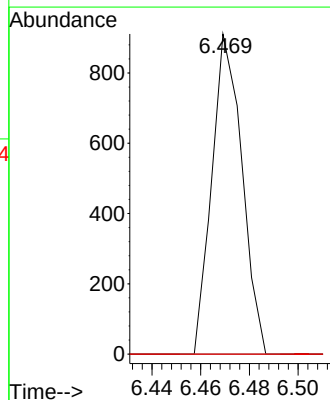
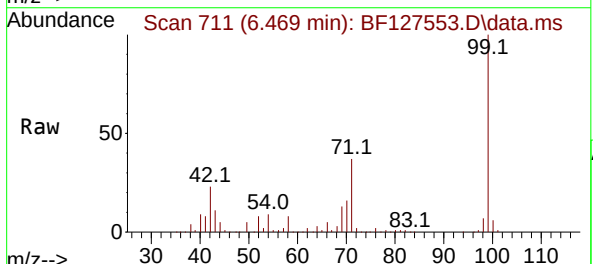
Instrument :
BNA_F
ClientSampleId :
164718

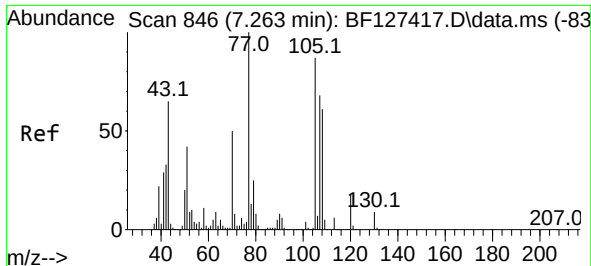
Tgt Ion: 99 Resp: 545434
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 36.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.469 min Scan# 711
Delta R.T. 0.077 min
Lab File: BF127553.D
Acq: 28 Mar 2022 20:32

Tgt Ion: 77 Resp: 783
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

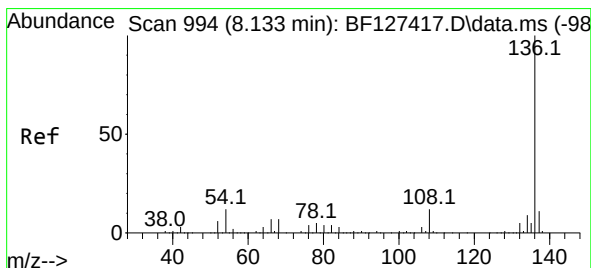
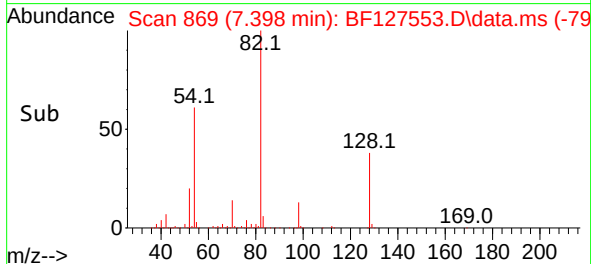
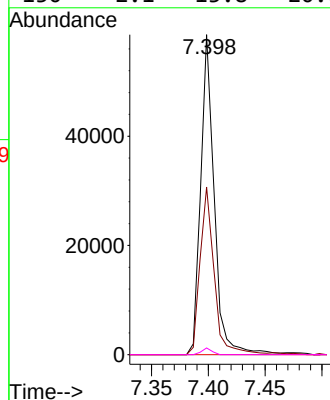
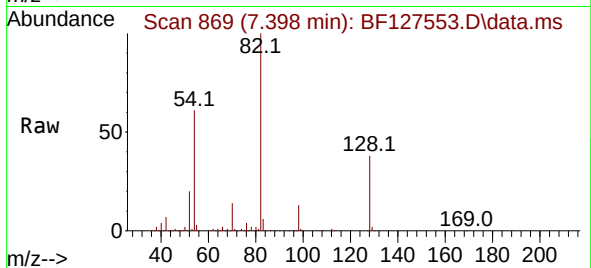




#19
n-Nitroso-di-n-propylamine
Concen: 10.785 ng
RT: 7.398 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF127553.D
Acq: 28 Mar 2022 20:32

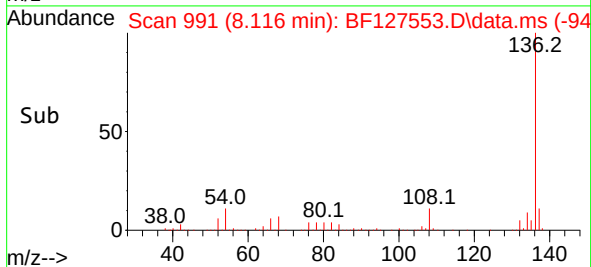
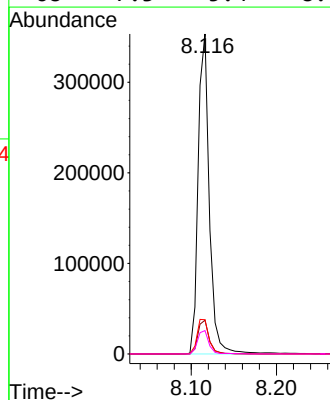
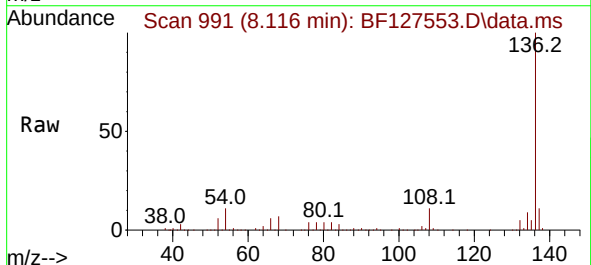
Instrument :
BNA_F
ClientSampleId :
164718

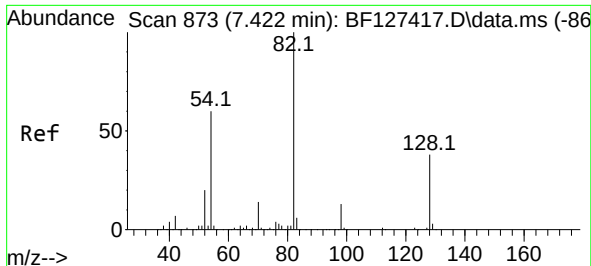
Tgt Ion: 70 Resp: 48828
Ion Ratio Lower Upper
70 100
42 52.4 53.0 79.6#
101 0.0 6.8 10.2#
130 2.1 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127553.D
Acq: 28 Mar 2022 20:32

Tgt Ion: 136 Resp: 322464
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.7 9.2 13.8
68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 48.951 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.011 min

Lab File: BF127553.D

Acq: 28 Mar 2022 20:32

Instrument :

BNA_F

ClientSampleId :

164718

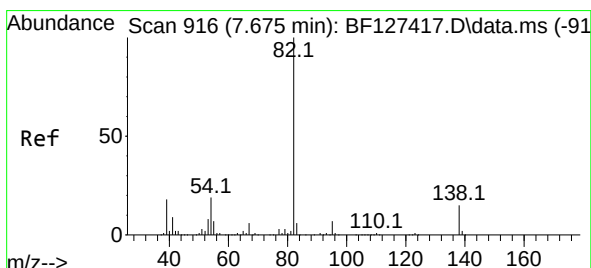
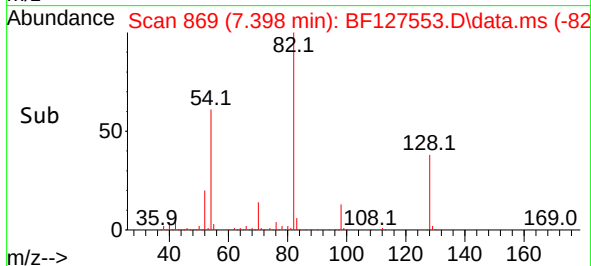
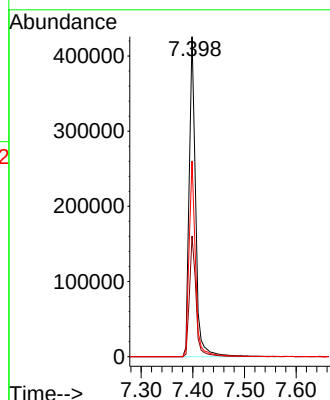
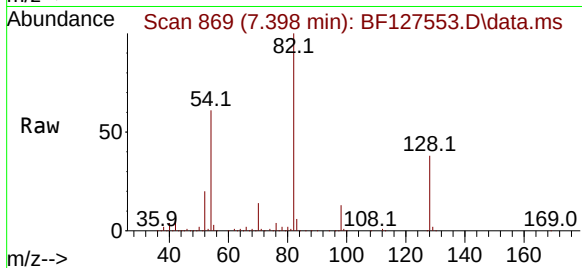
Tgt Ion: 82 Resp: 369278

Ion Ratio Lower Upper

82 100

128 37.7 30.6 45.8

54 61.2 48.2 72.2



#25

Isophorone

Concen: 30.734 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.264 min

Lab File: BF127553.D

Acq: 28 Mar 2022 20:32

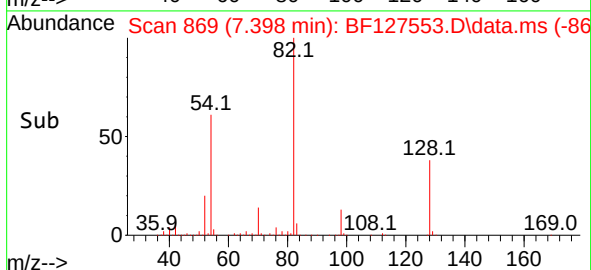
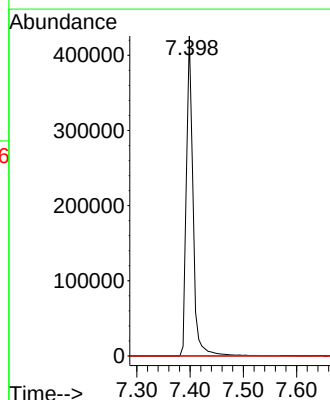
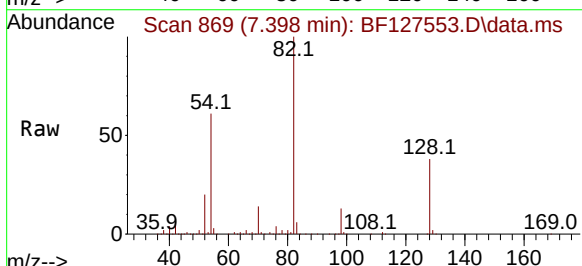
Tgt Ion: 82 Resp: 369275

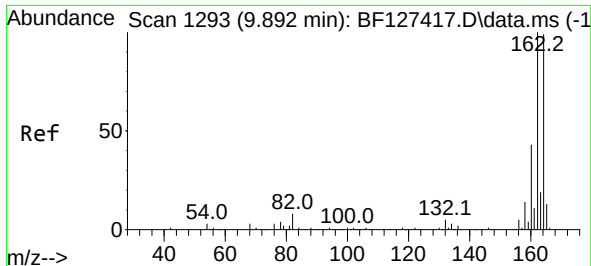
Ion Ratio Lower Upper

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: BF127553.D

Acq: 28 Mar 2022 20:32

Instrument :

BNA_F

ClientSampleId :

164718

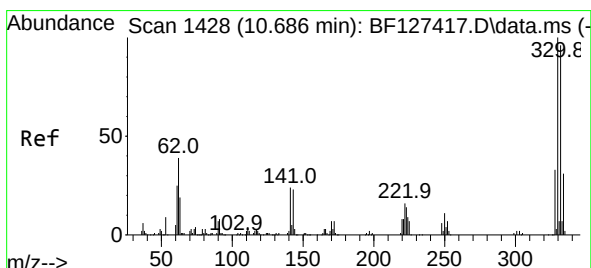
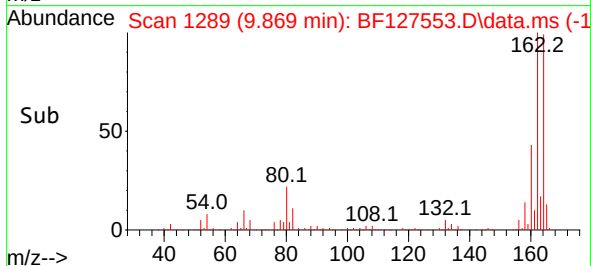
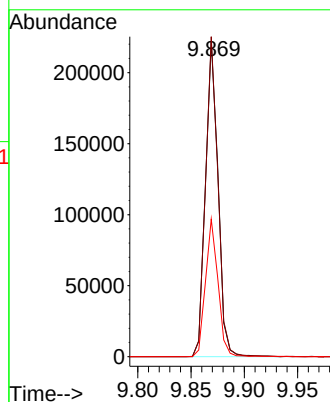
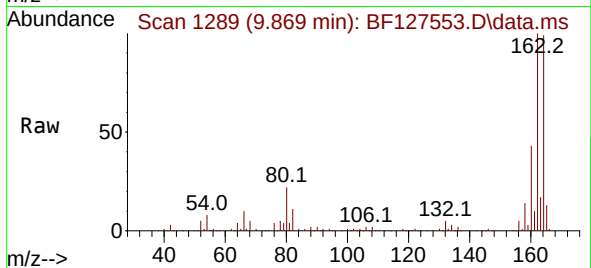
Tgt Ion:164 Resp: 182668

Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

160 43.6 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 63.395 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF127553.D

Acq: 28 Mar 2022 20:32

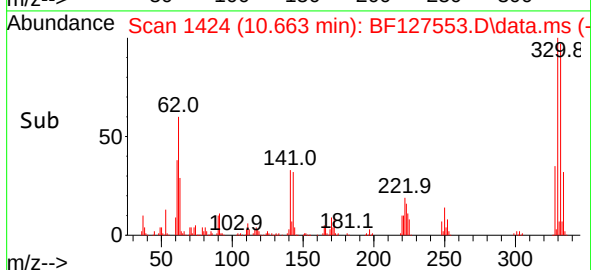
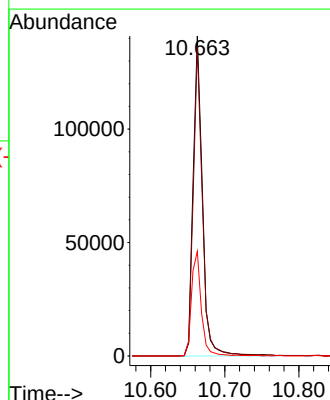
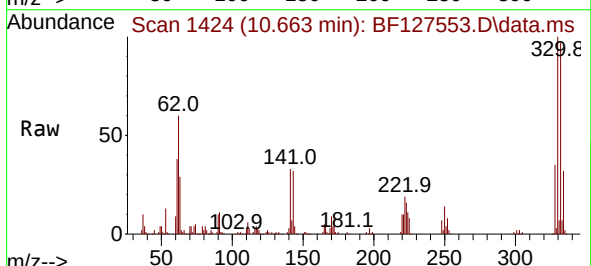
Tgt Ion:330 Resp: 123360

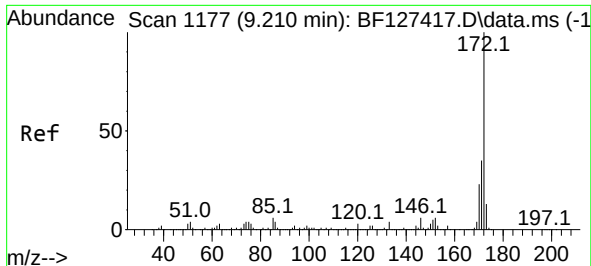
Ion Ratio Lower Upper

330 100

332 94.7 79.1 118.7

141 34.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 46.444 ng

RT: 9.187 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF127553.D

Acq: 28 Mar 2022 20:32

Instrument :

BNA_F

ClientSampleId :

164718

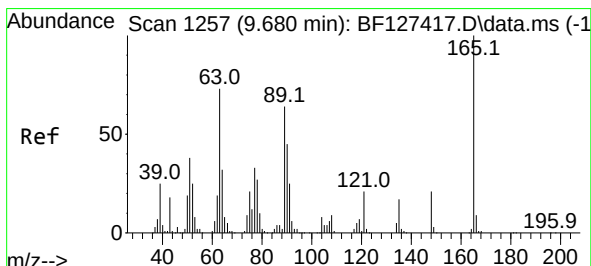
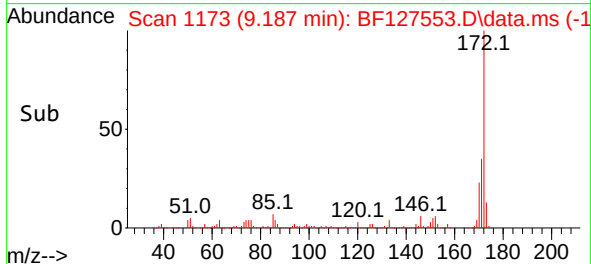
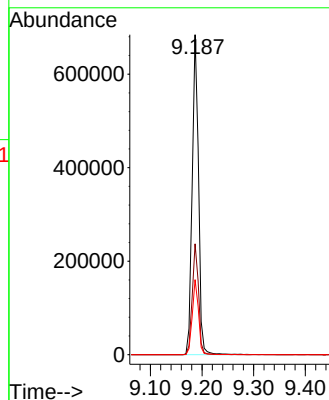
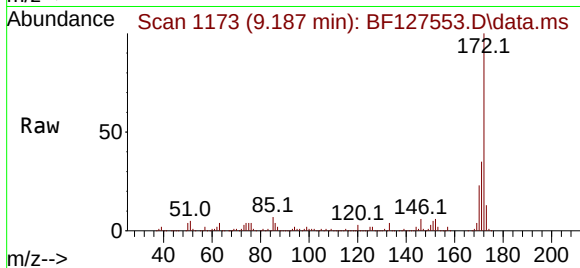
Tgt Ion:172 Resp: 580997

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.5 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.713 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF127553.D

Acq: 28 Mar 2022 20:32

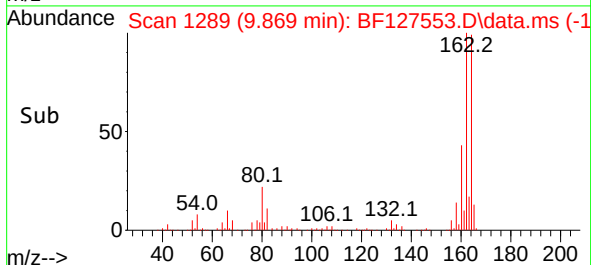
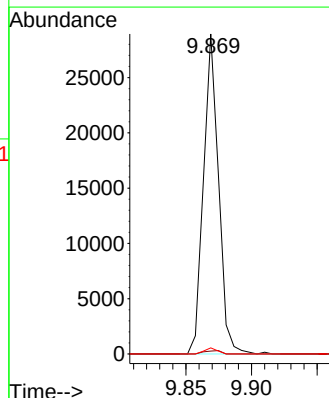
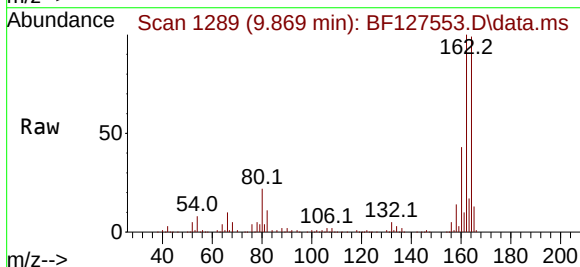
Tgt Ion:165 Resp: 23243

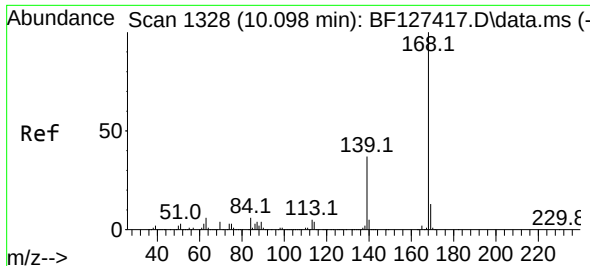
Ion Ratio Lower Upper

165 100

63 0.9 58.3 87.5#

89 1.9 51.5 77.3#

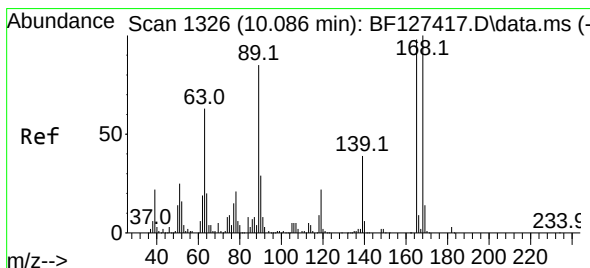
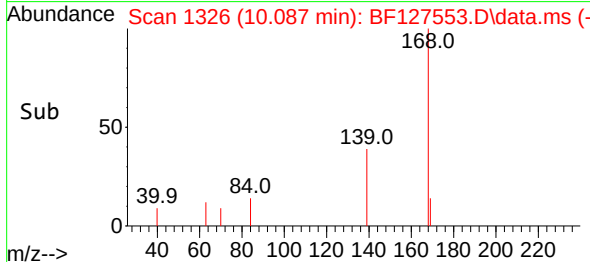
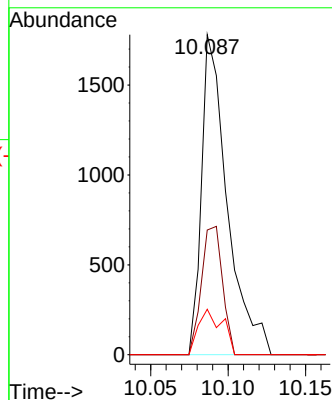
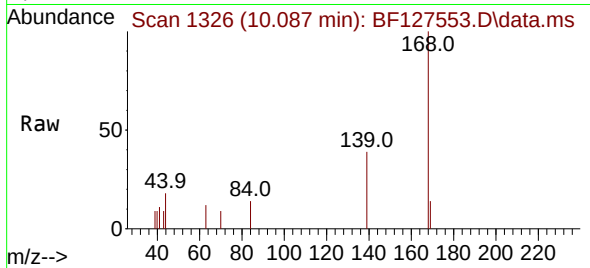




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127553.D
Acq: 28 Mar 2022 20:32

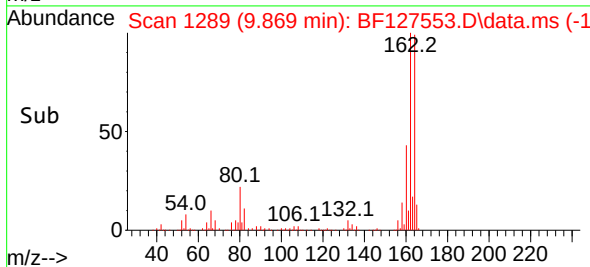
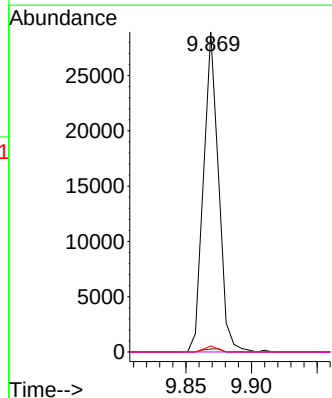
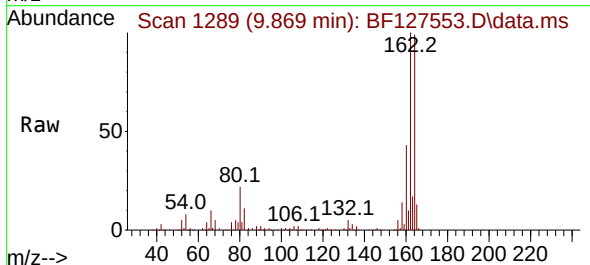
Instrument :
BNA_F
ClientSampleId :
164718

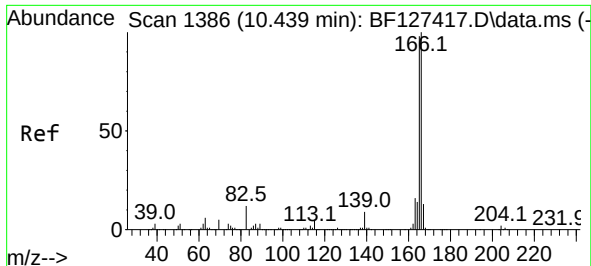
Tgt Ion:168 Resp: 2056
Ion Ratio Lower Upper
168 100
139 39.0 30.3 45.5
169 14.2 10.8 16.2



#57
2,4-Dinitrotoluene
Concen: 6.769 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127553.D
Acq: 28 Mar 2022 20:32

Tgt Ion:165 Resp: 23243
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.9 69.2 103.8#
182 0.0 2.2 3.2#

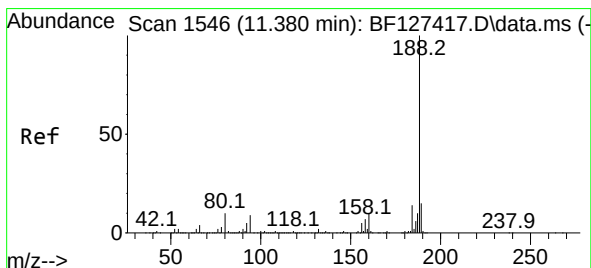
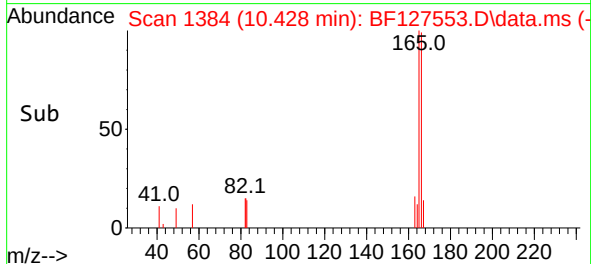
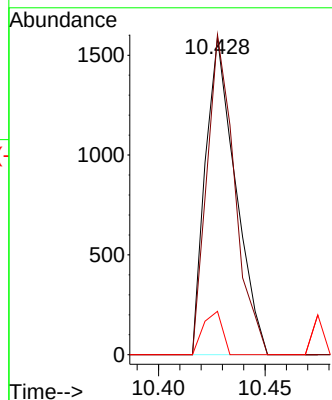
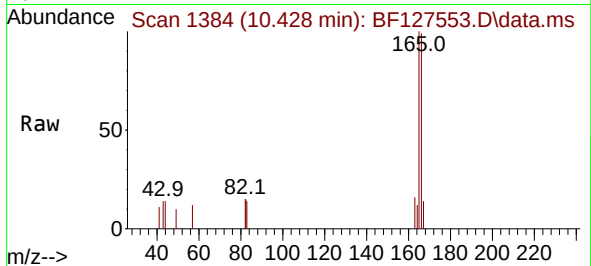




#58
 Fluorene
 Concen: Below Cal
 RT: 10.428 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127553.D
 Acq: 28 Mar 2022 20:32

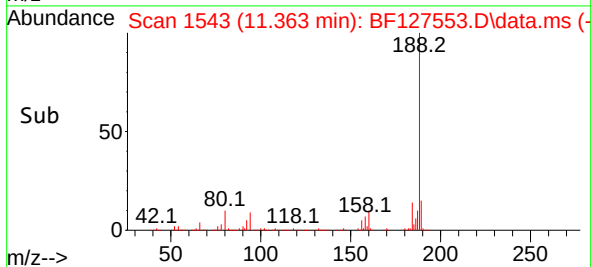
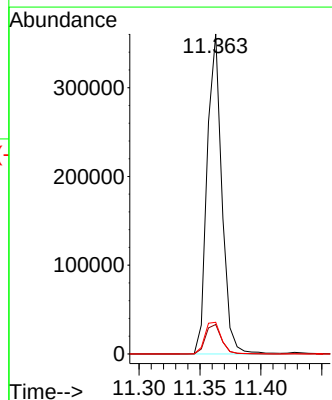
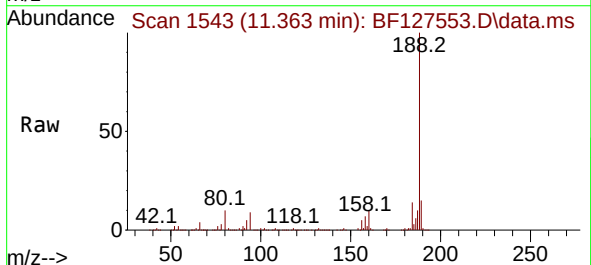
Instrument :
 BNA_F
 ClientSampleId :
 164718

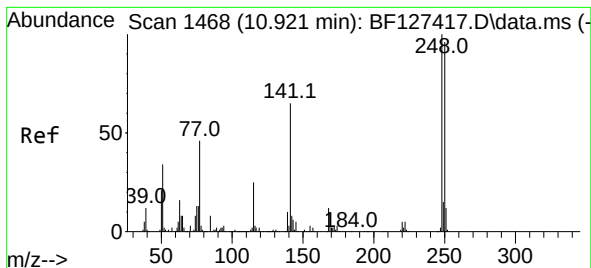
Tgt Ion:166 Resp: 1562
 Ion Ratio Lower Upper
 166 100
 165 100.8 78.1 117.1
 167 13.6 10.5 15.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.363 min Scan# 1543
 Delta R.T. 0.000 min
 Lab File: BF127553.D
 Acq: 28 Mar 2022 20:32

Tgt Ion:188 Resp: 301847
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.4 11.0
 80 9.9 8.0 12.0

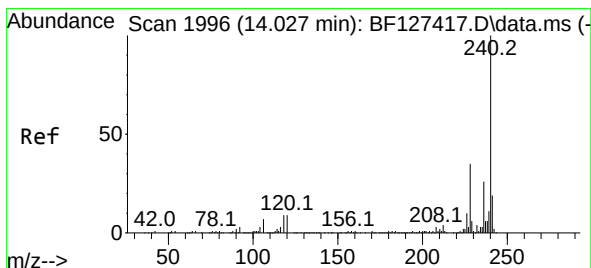
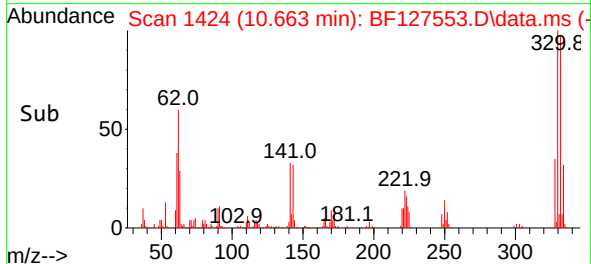
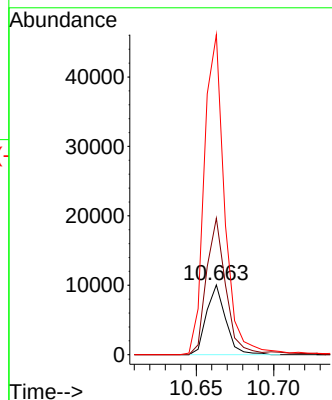
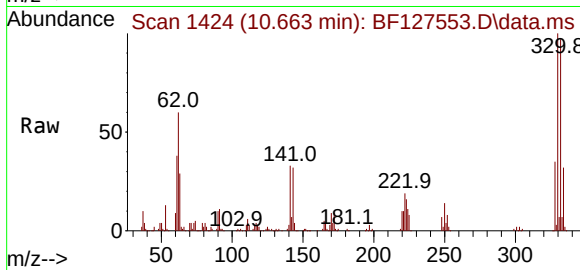




#67
4-Bromophenyl-phenylether
Concen: 2.454 ng
RT: 10.663 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127553.D
Acq: 28 Mar 2022 20:32

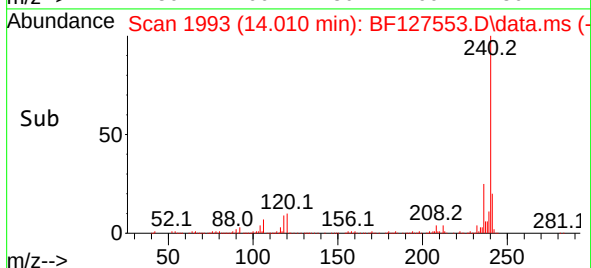
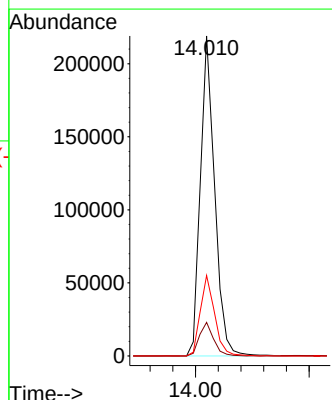
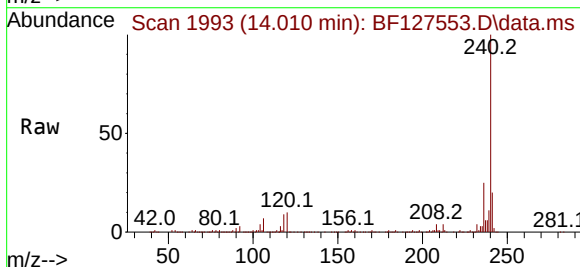
Instrument :
BNA_F
ClientSampleId :
164718

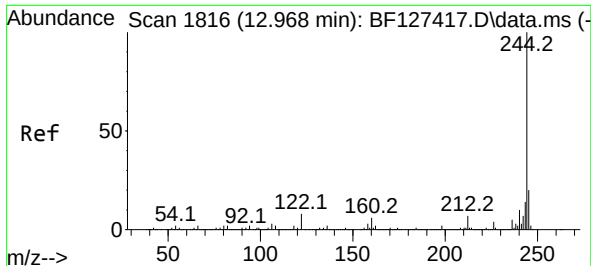
Tgt Ion:248 Resp: 8649
Ion Ratio Lower Upper
248 100
250 195.6 76.6 115.0#
141 458.8 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127553.D
Acq: 28 Mar 2022 20:32

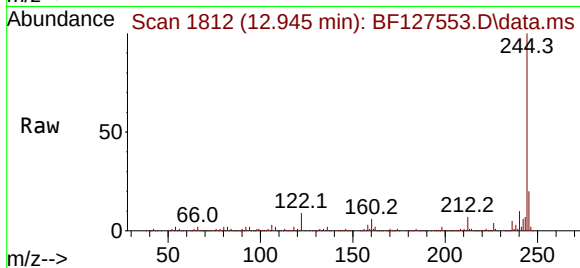
Tgt Ion:240 Resp: 191787
Ion Ratio Lower Upper
240 100
120 10.5 7.1 10.7
236 25.2 20.7 31.1



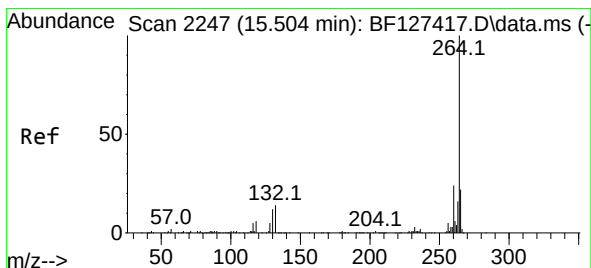
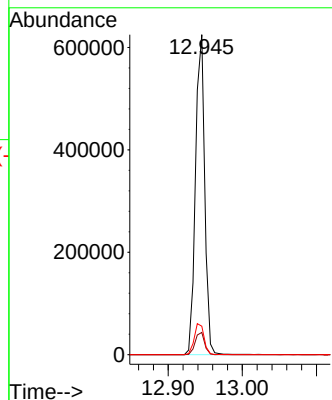
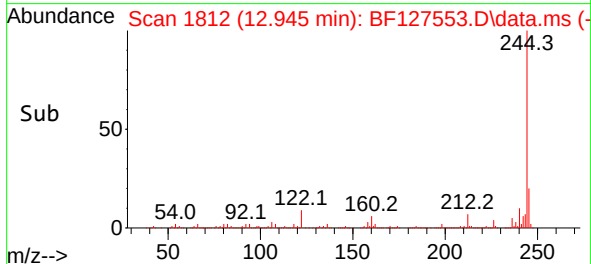


#79
 Terphenyl-d14
 Concen: 45.921 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF127553.D
 Acq: 28 Mar 2022 20:32

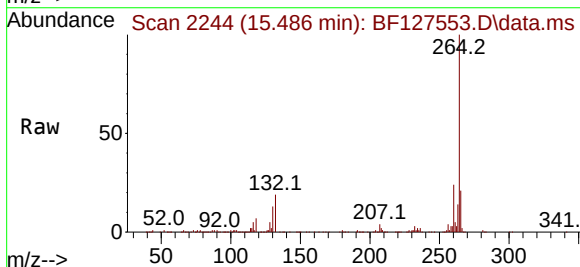
Instrument :
 BNA_F
 ClientSampleId :
 164718



Tgt Ion:244 Resp: 537996
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.9 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF127553.D
 Acq: 28 Mar 2022 20:32



Tgt Ion:264 Resp: 196566
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 21.0 17.4 26.2

