

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012722\
 Data File : BF126713.D
 Acq On : 27 Jan 2022 18:36
 Operator : CG/JU
 Sample : N1301-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-34

Quant Time: Jan 28 04:41:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

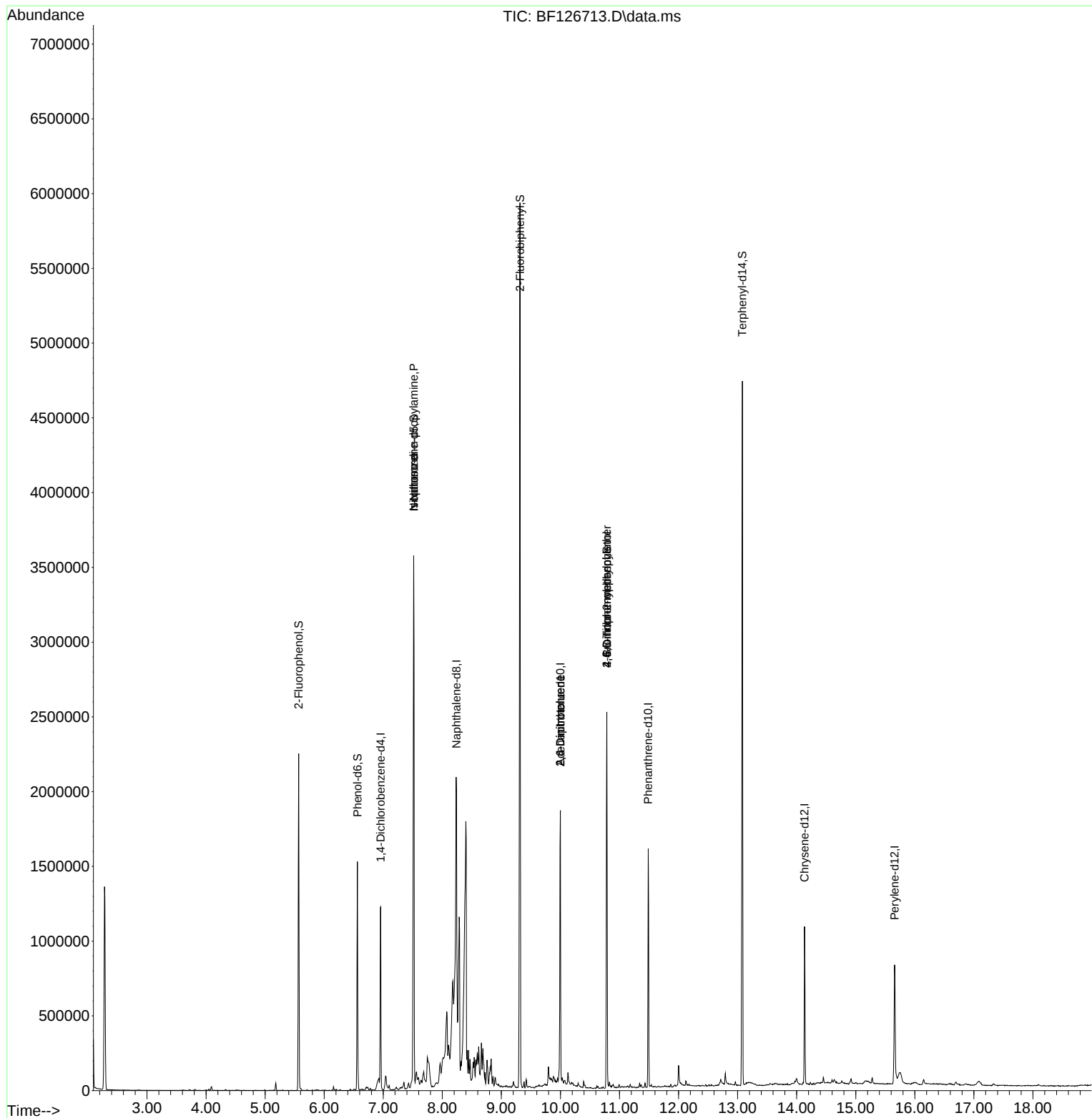
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	173450	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	647047	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	345486	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	513434	20.000	ng	# 0.00
76) Chrysene-d12	14.133	240	321527	20.000	ng	#-0.01
86) Perylene-d12	15.656	264	348594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	556954	42.254	ng	0.00
7) Phenol-d6	6.563	99	467777	25.543	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1491986	90.253	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	258808	80.047	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1744459	77.330	ng	0.00
79) Terphenyl-d14	13.080	244	1528591	79.740	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	281	Below Cal		91
19) n-Nitroso-di-n-propyla...	7.516	70	208115	15.570 ng	#	68
25) Isophorone	7.516	82	1481215	46.202 ng	#	69
51) 2,6-Dinitrotoluene	9.998	165	44720	10.562 ng	#	21
57) 2,4-Dinitrotoluene	9.998	165	44720	8.716 ng	#	15
65) 4,6-Dinitro-2-methylph...	10.786	198	555	7.563 ng	#	1
67) 4-Bromophenyl-phenylether	10.786	248	16532	2.794 ng	#	1

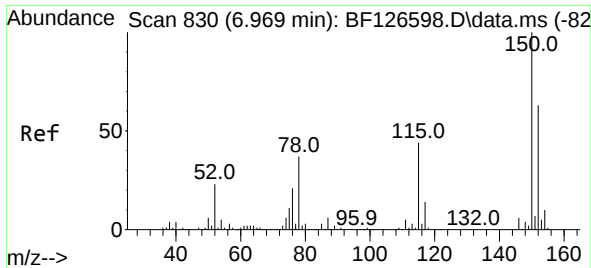
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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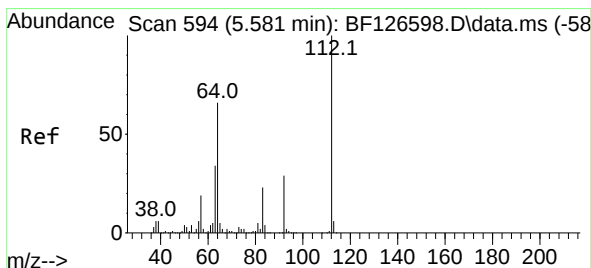
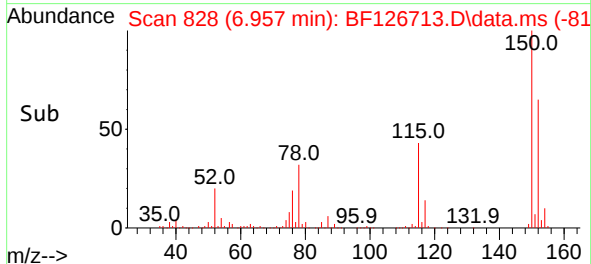
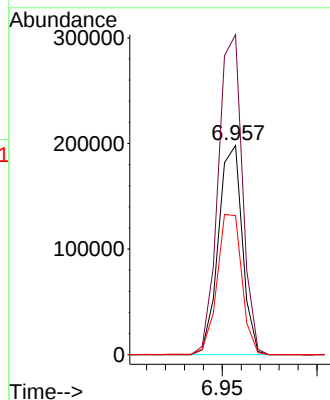
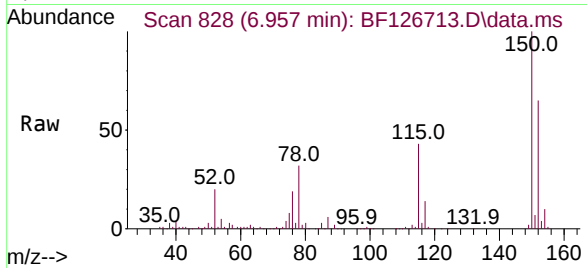




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

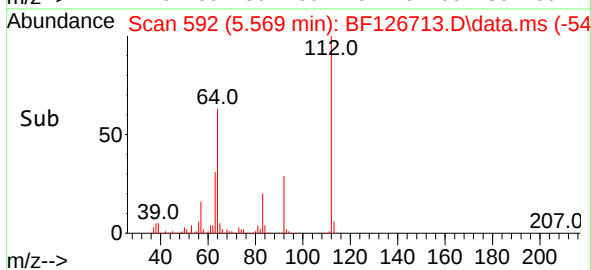
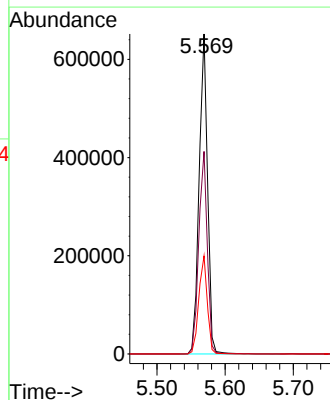
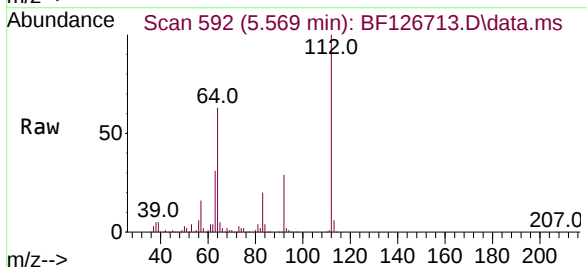
Instrument :
BNA_F
ClientSampleId :
55-ST-34

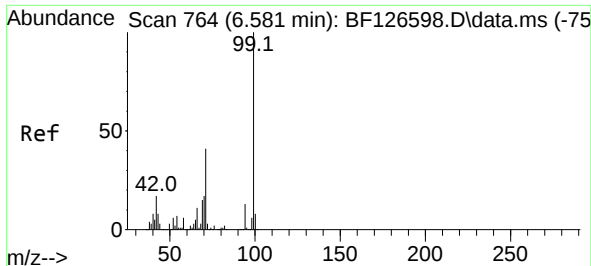
Tgt Ion:152 Resp: 173450
Ion Ratio Lower Upper
152 100
150 152.9 128.1 192.1
115 66.4 56.7 85.1



#5
2-Fluorophenol
Concen: 42.254 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

Tgt Ion:112 Resp: 556954
Ion Ratio Lower Upper
112 100
64 63.3 49.5 74.3
63 30.6 23.9 35.9





#7
Phenol-d6
Concen: 25.543 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.012 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

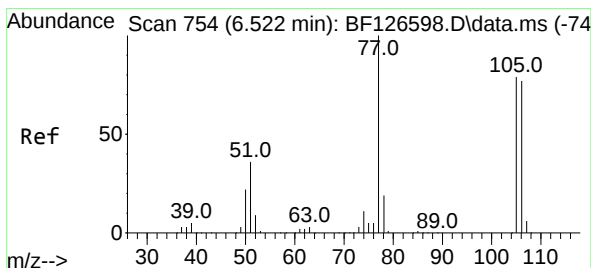
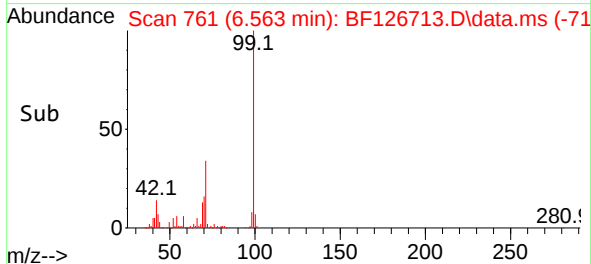
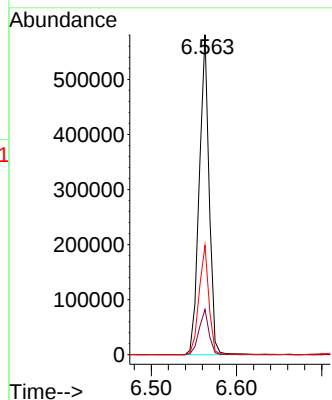
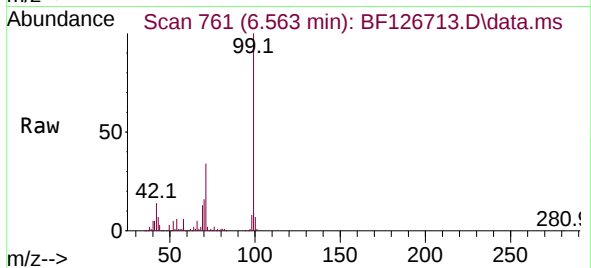
Instrument :

BNA_F

ClientSampleId :

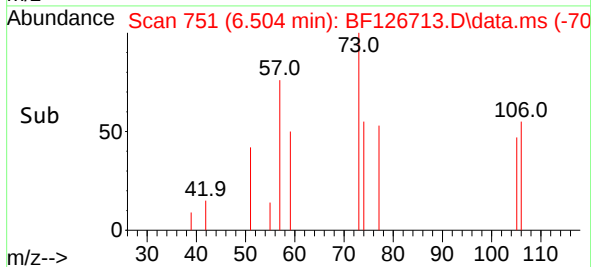
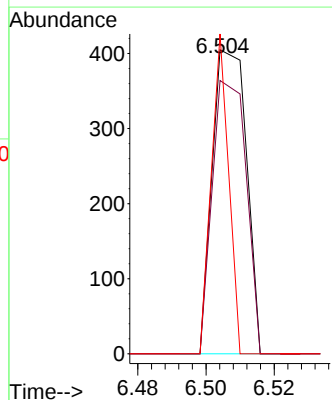
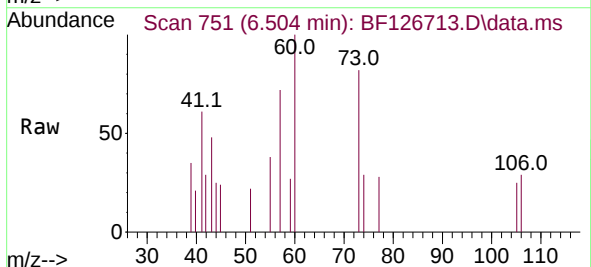
55-ST-34

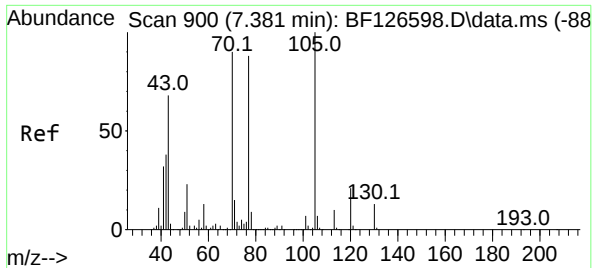
Tgt Ion: 99 Resp: 467777
Ion Ratio Lower Upper
99 100
42 14.1 14.2 21.4#
71 34.2 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

Tgt Ion: 77 Resp: 281
Ion Ratio Lower Upper
77 100
105 89.9 74.9 114.9
106 105.2 72.4 112.4

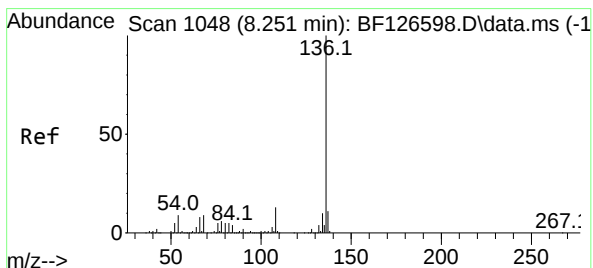
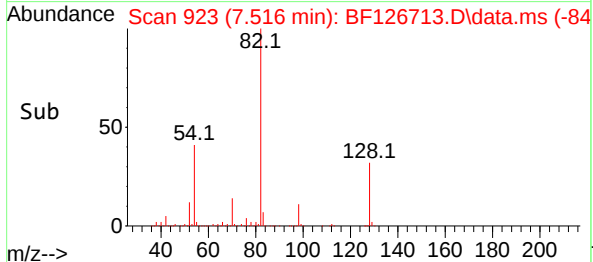
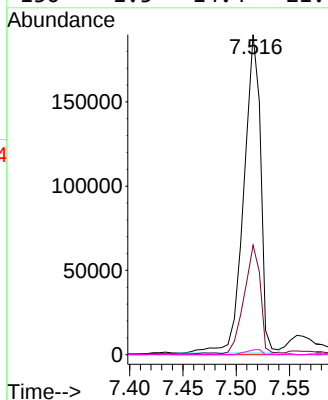
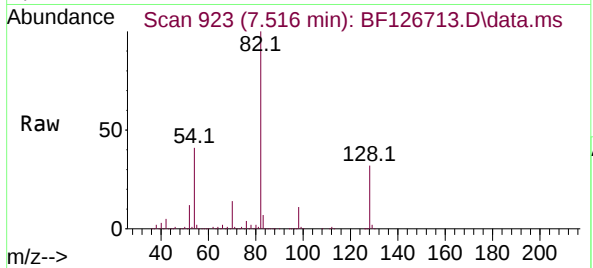




#19
n-Nitroso-di-n-propylamine
Concen: 15.570 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

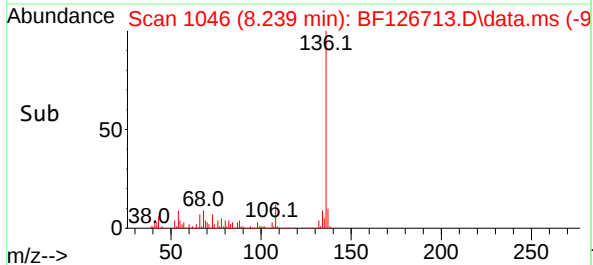
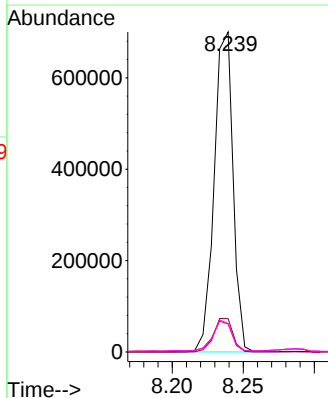
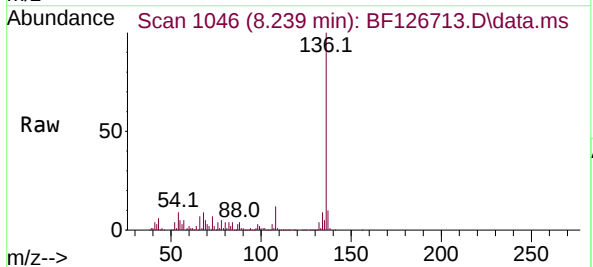
Instrument :
BNA_F
ClientSampleId :
55-ST-34

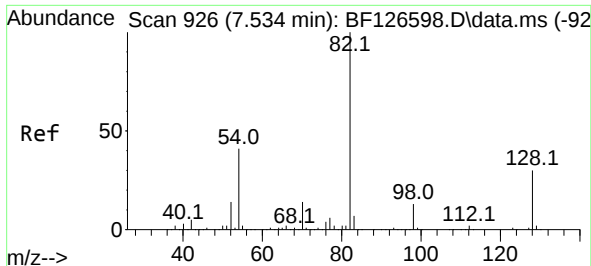
Tgt Ion: 70 Resp: 208115
Ion Ratio Lower Upper
70 100
42 34.2 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

Tgt Ion:136 Resp: 647047
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.8 7.8 11.6
68 8.9 6.3 9.5

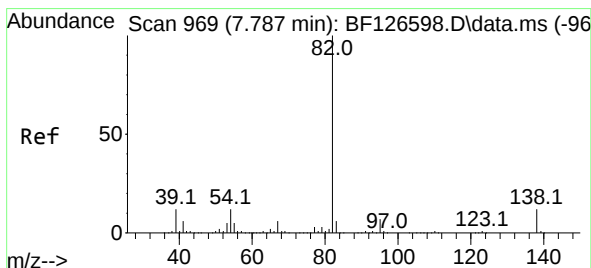
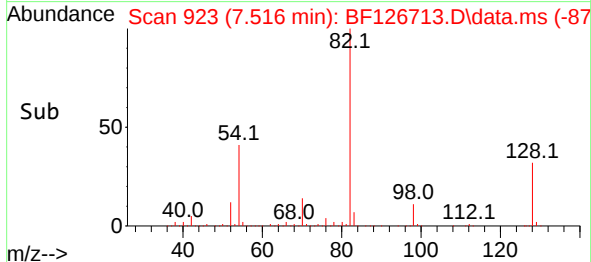
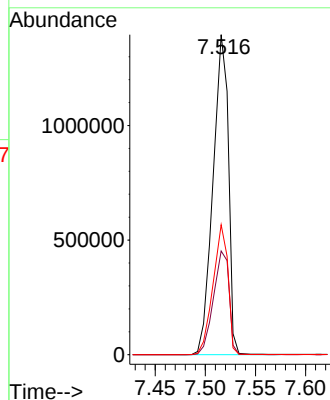
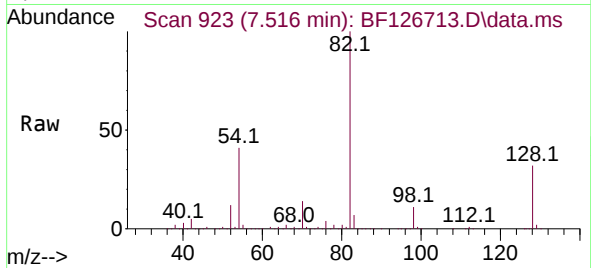




#23
Nitrobenzene-d5
Concen: 90.253 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

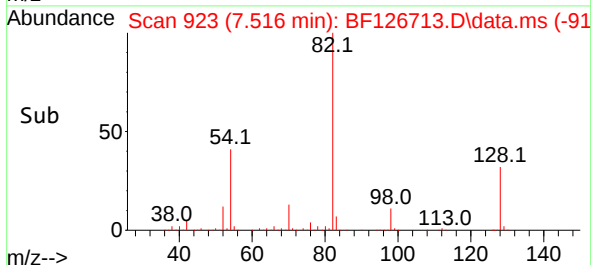
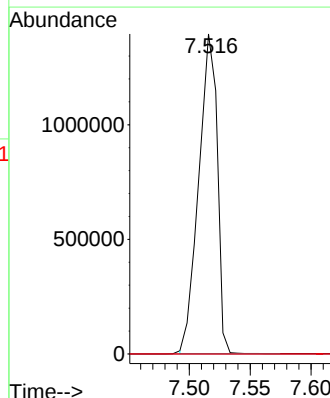
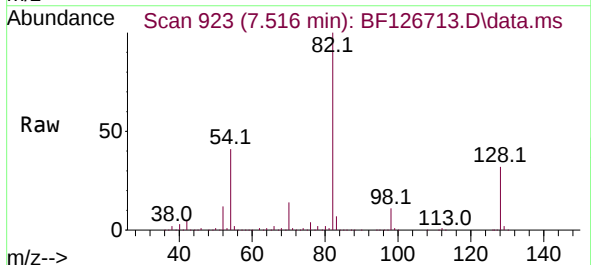
Instrument :
BNA_F
ClientSampleId :
55-ST-34

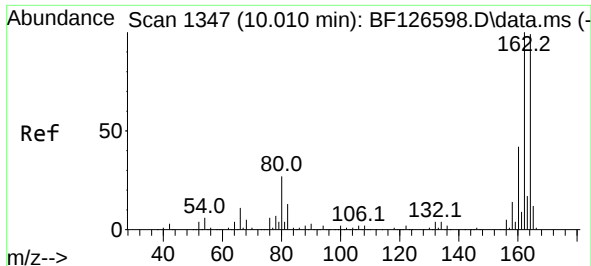
Tgt Ion: 82 Resp: 1491986
Ion Ratio Lower Upper
82 100
128 32.4 32.7 49.1#
54 40.6 41.7 62.5#



#25
Isophorone
Concen: 46.202 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

Tgt Ion: 82 Resp: 1481215
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126713.D

Acq: 27 Jan 2022 18:36

Instrument :

BNA_F

ClientSampleId :

55-ST-34

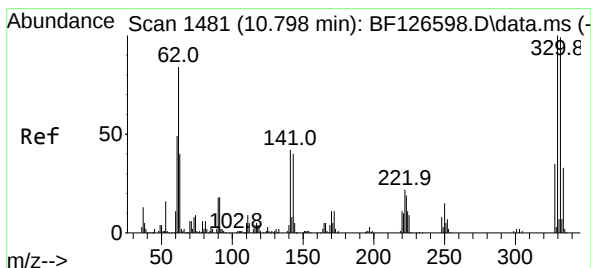
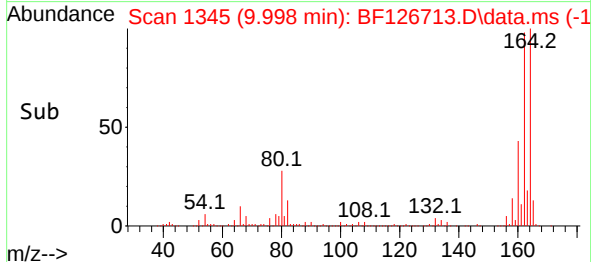
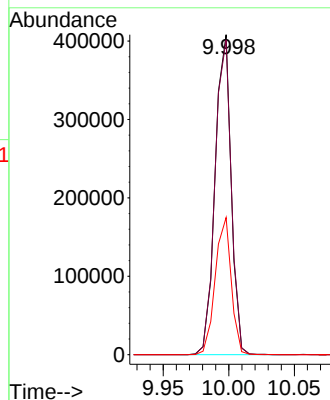
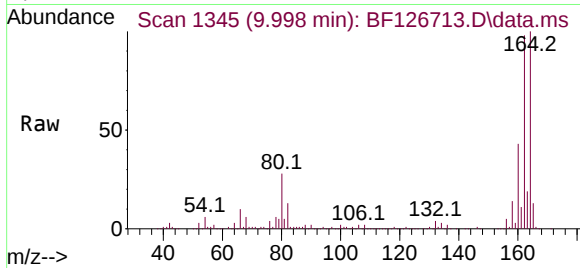
Tgt Ion:164 Resp: 345486

Ion Ratio Lower Upper

164 100

162 98.4 81.4 122.0

160 42.8 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 80.047 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126713.D

Acq: 27 Jan 2022 18:36

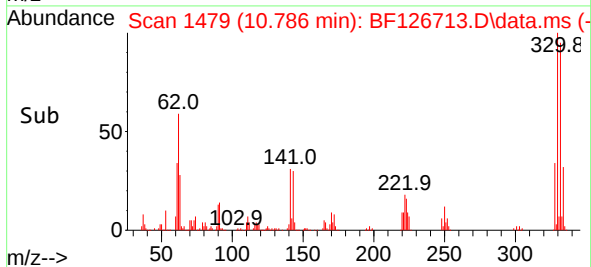
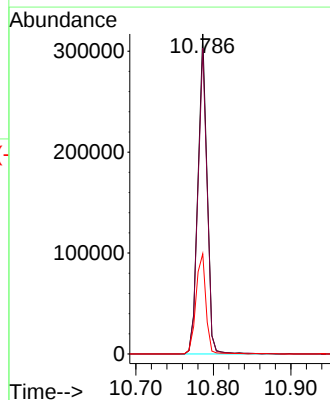
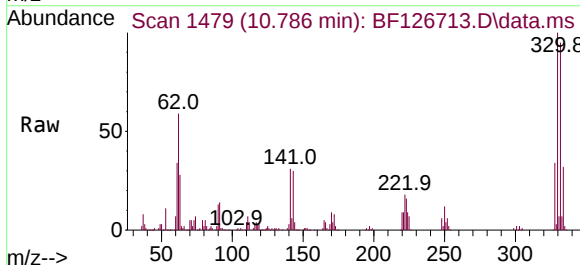
Tgt Ion:330 Resp: 258808

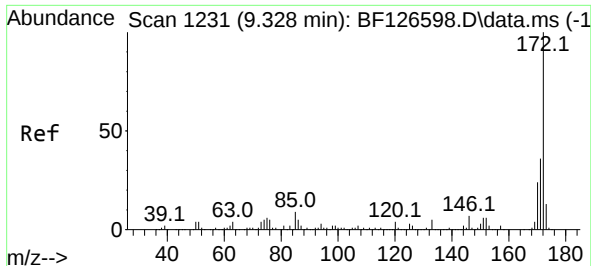
Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

141 34.2 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 77.330 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126713.D

Acq: 27 Jan 2022 18:36

Instrument :

BNA_F

ClientSampleId :

55-ST-34

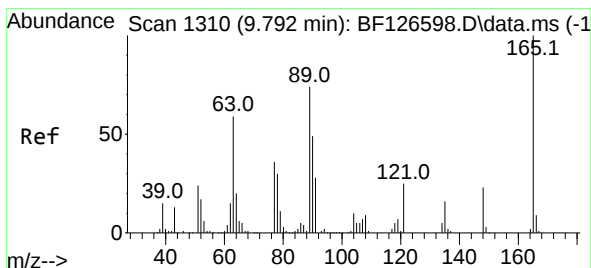
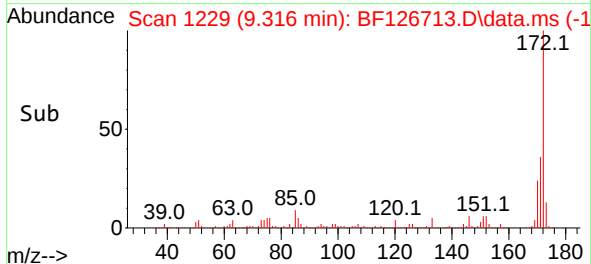
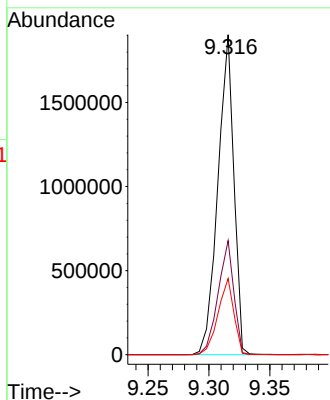
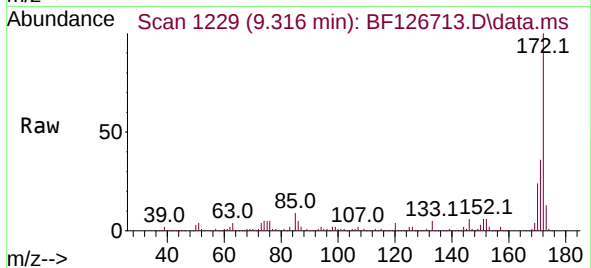
Tgt Ion:172 Resp: 1744459

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.8 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.562 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126713.D

Acq: 27 Jan 2022 18:36

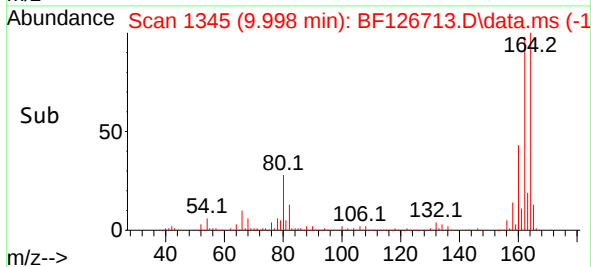
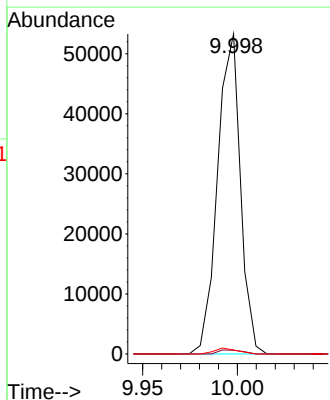
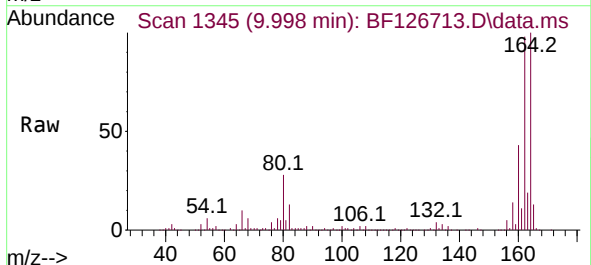
Tgt Ion:165 Resp: 44720

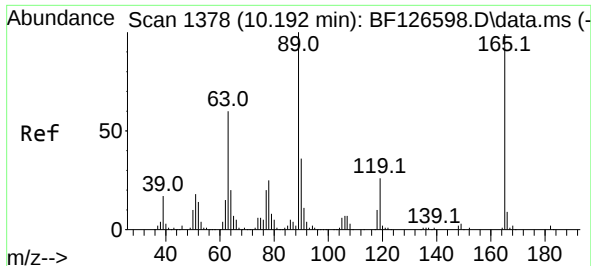
Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 1.2 50.5 75.7#

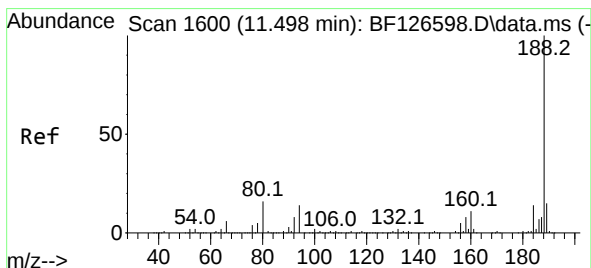
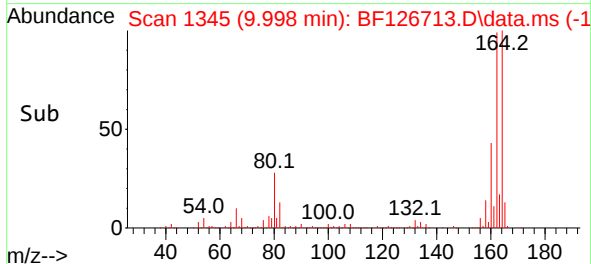
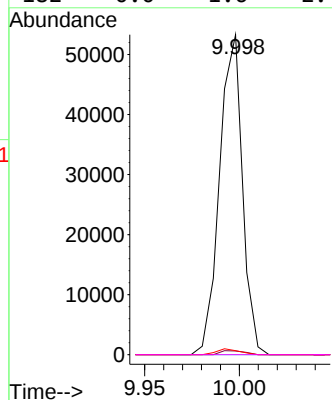
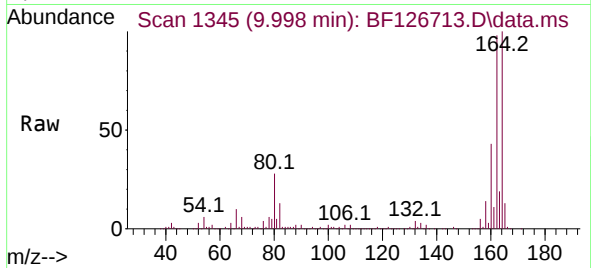




#57
2,4-Dinitrotoluene
Concen: 8.716 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

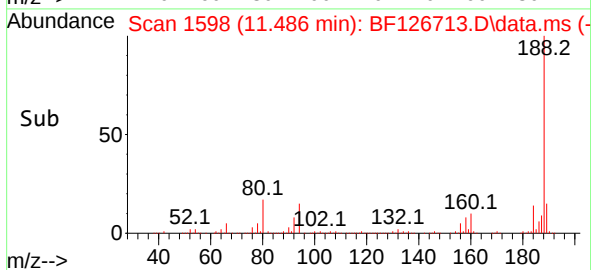
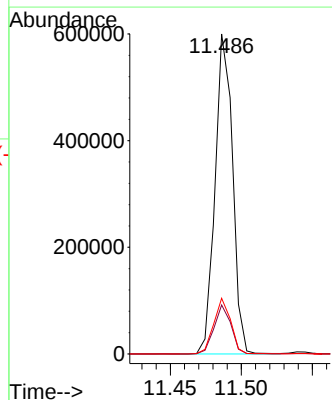
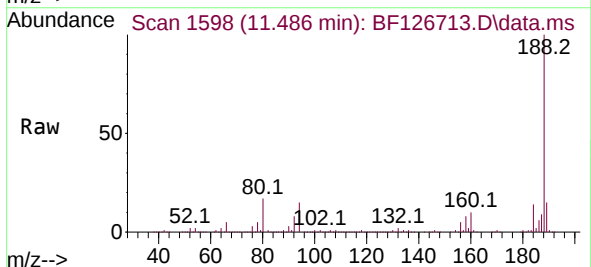
Instrument :
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55-ST-34

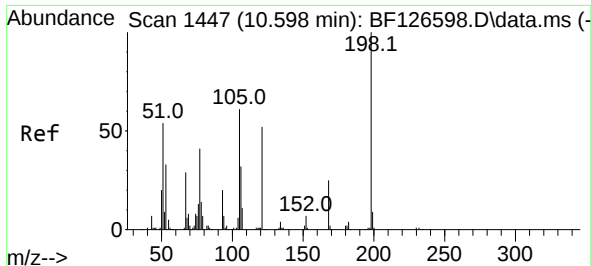
Tgt Ion:165 Resp: 44720
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

Tgt Ion:188 Resp: 513434
Ion Ratio Lower Upper
188 100
94 15.3 10.1 15.1#
80 17.4 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.563 ng

RT: 10.786 min Scan# 1447

Delta R.T. 0.194 min

Lab File: BF126713.D

Acq: 27 Jan 2022 18:36

Instrument :

BNA_F

ClientSampleId :

55-ST-34

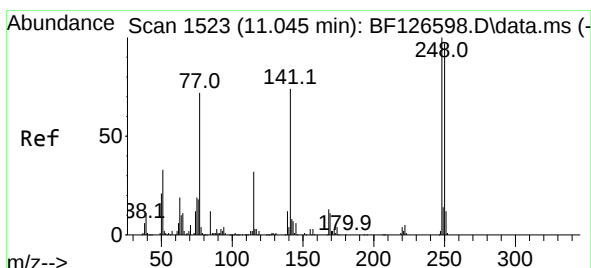
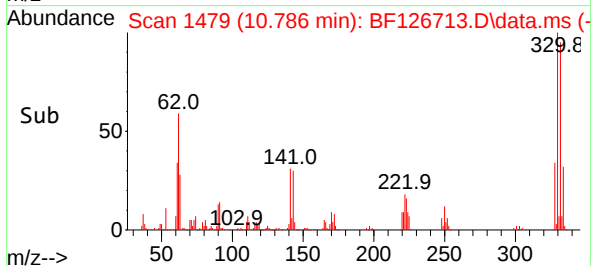
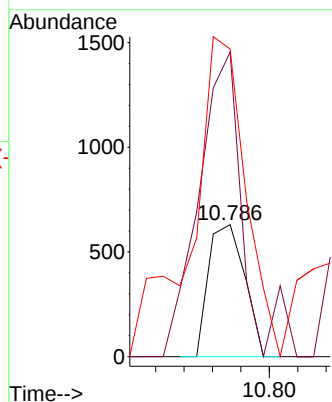
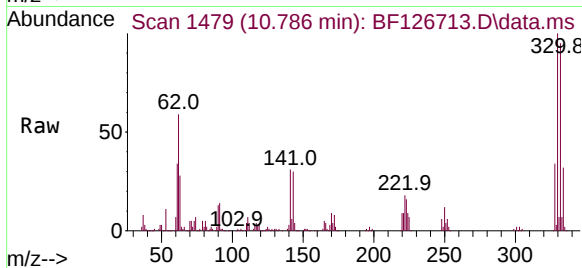
Tgt Ion:198 Resp: 555

Ion Ratio Lower Upper

198 100

51 230.8 32.0 72.0#

105 233.2 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 2.794 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.247 min

Lab File: BF126713.D

Acq: 27 Jan 2022 18:36

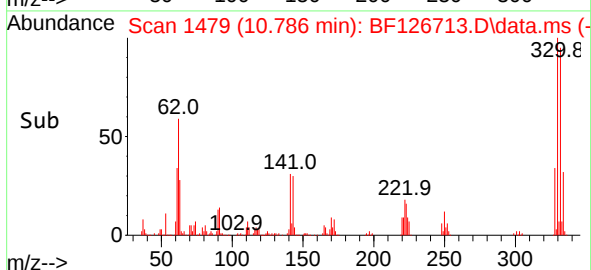
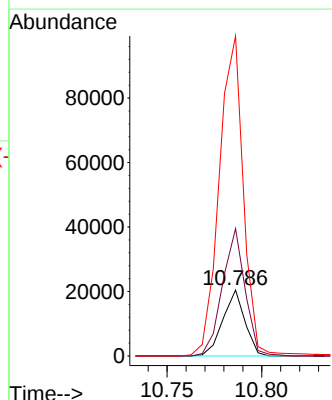
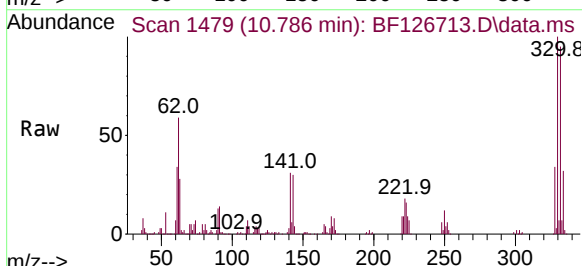
Tgt Ion:248 Resp: 16532

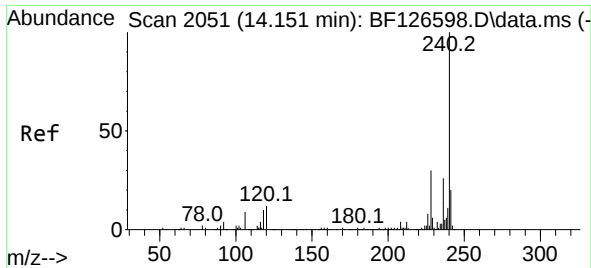
Ion Ratio Lower Upper

248 100

250 193.2 76.2 114.4#

141 485.5 66.2 99.4#

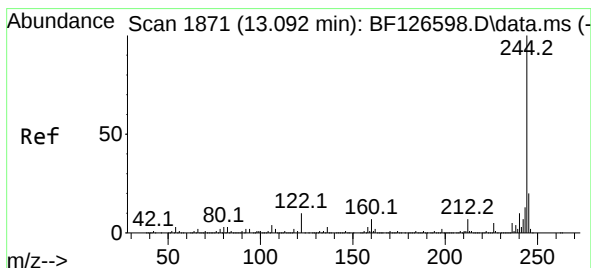
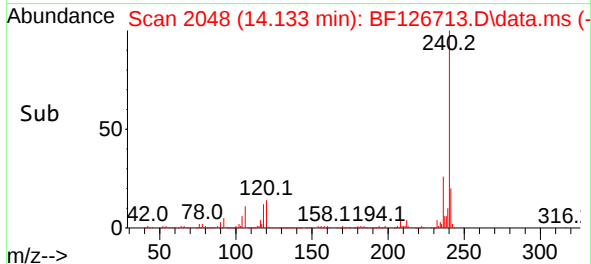
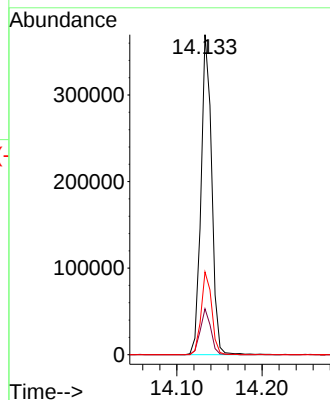
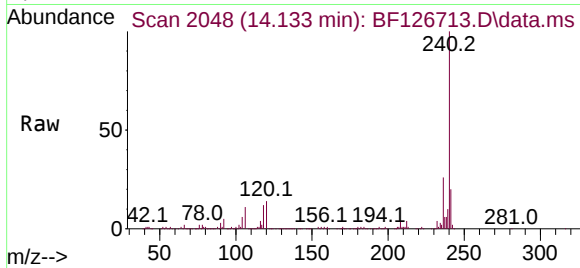




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

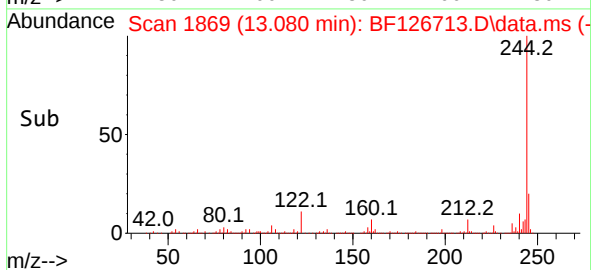
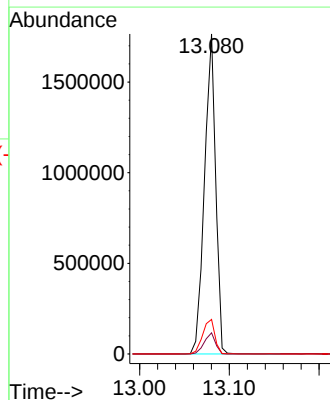
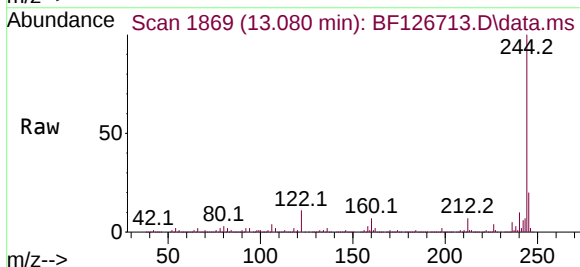
Instrument :
BNA_F
ClientSampleId :
55-ST-34

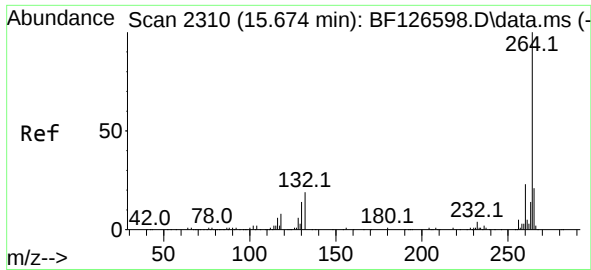
Tgt Ion:240 Resp: 321527
Ion Ratio Lower Upper
240 100
120 14.4 14.4 21.6#
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 79.740 ng
RT: 13.080 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BF126713.D
Acq: 27 Jan 2022 18:36

Tgt Ion:244 Resp: 1528591
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 10.8 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.656 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126713.D

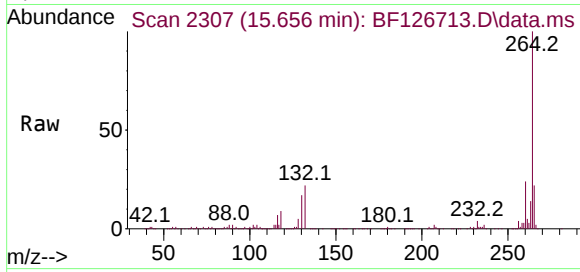
Acq: 27 Jan 2022 18:36

Instrument :

BNA_F

ClientSampleId :

55-ST-34



Tgt Ion:264 Resp: 348594

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 17.4 26.2

