

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128951.D
 Acq On : 23 Jun 2022 13:21
 Operator : CG\JU
 Sample : N3424-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 331-0621

Quant Time: Jun 23 14:33:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 14:30:33 2022
 Response via : Initial Calibration

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

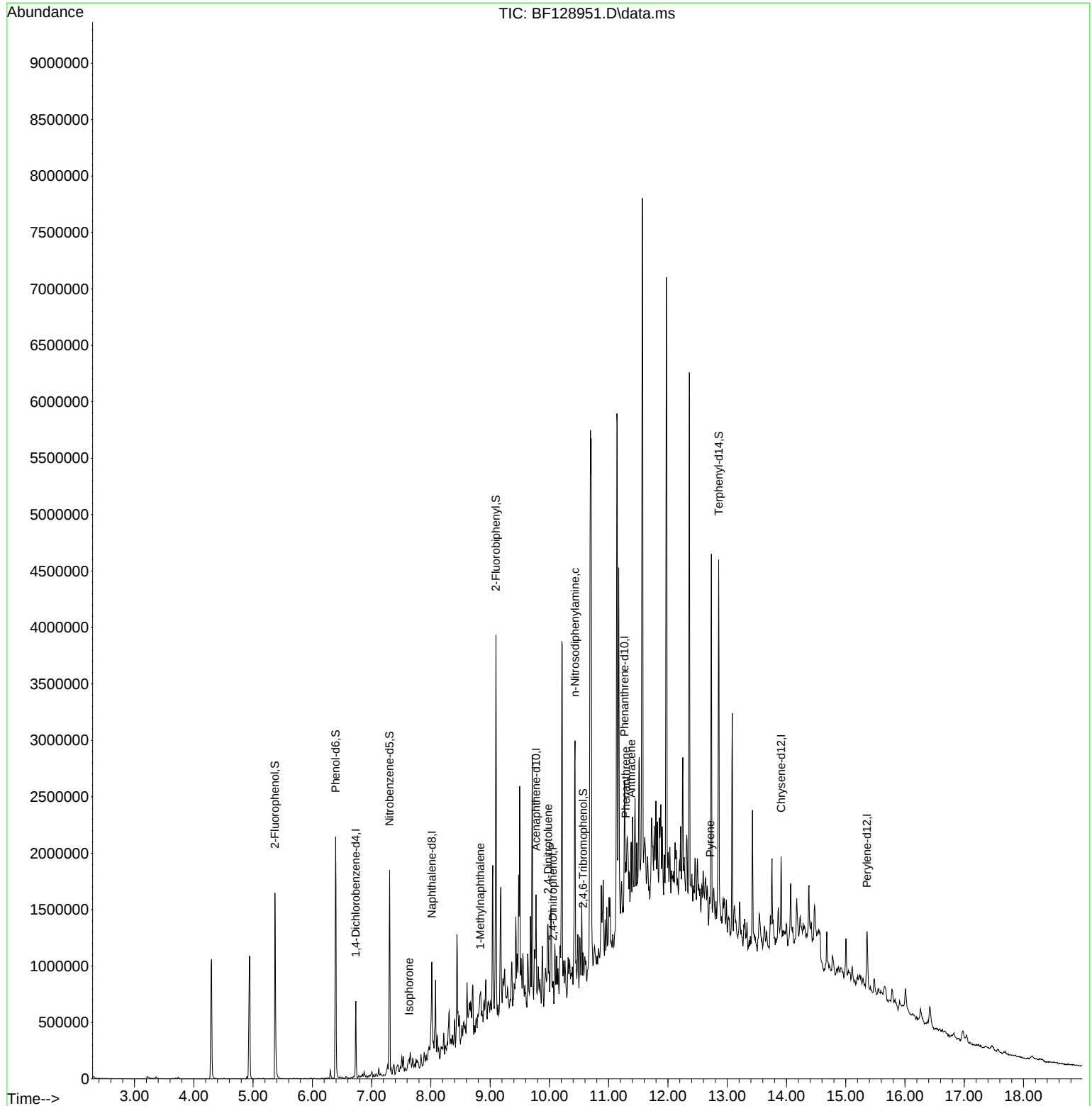
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	84376	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	312832	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	161155	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	321009	20.000	ng	0.00
76) Chrysene-d12	13.910	240	224472	20.000	ng	0.00
86) Perylene-d12	15.357	264	177368	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	417859	78.883	ng	0.00
7) Phenol-d6	6.392	99	705613	109.124	ng	0.00
23) Nitrobenzene-d5	7.304	82	581653	86.567	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	20983	11.020	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1018506	88.531	ng	0.00
79) Terphenyl-d14	12.857	244	1036258	80.217	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.634	82	21402	2.097	ng	# 60
38) 1-Methylnaphthalene	8.834	142	56538	5.731	ng	93
54) 2,4-Dinitrophenol	10.057	184	3437	2.834	ng	87
57) 2,4-Dinitrotoluene	9.980	165	8079	2.781	ng	# 58
66) n-Nitrosodiphenylamine	10.433	169	85338	8.649	ng	# 50
71) Phenanthrene	11.292	178	132581	8.234	ng	# 96
72) Anthracene	11.380	178	35074	2.201	ng	# 1
78) Pyrene	12.716	202	34230	2.050	ng	# 92

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

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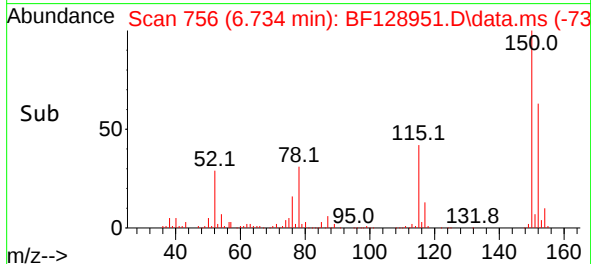
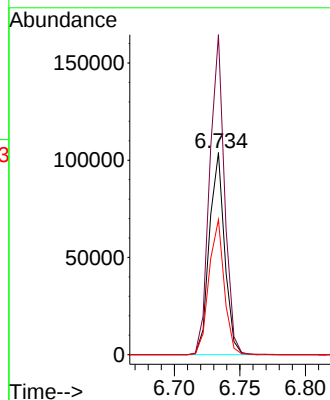
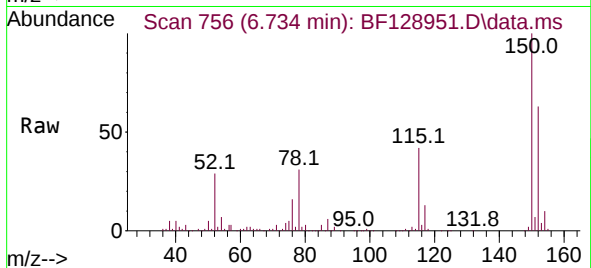




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128951.D
Acq: 23 Jun 2022 13:21

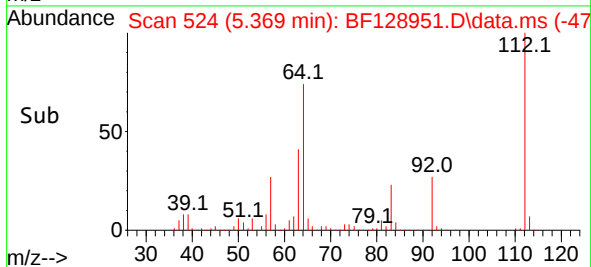
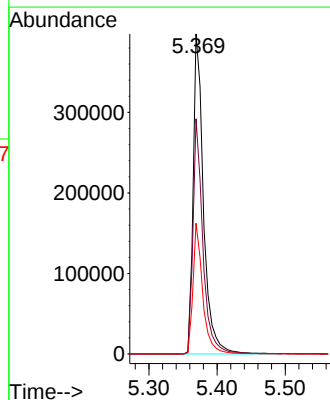
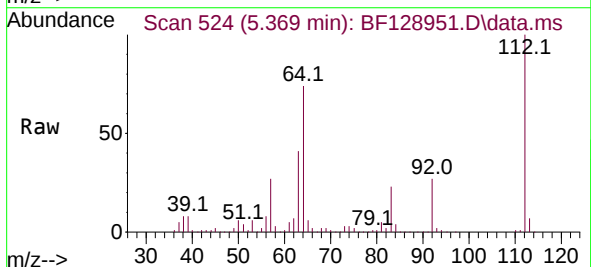
Instrument :
BNA_F
ClientSampleId :
331-0621

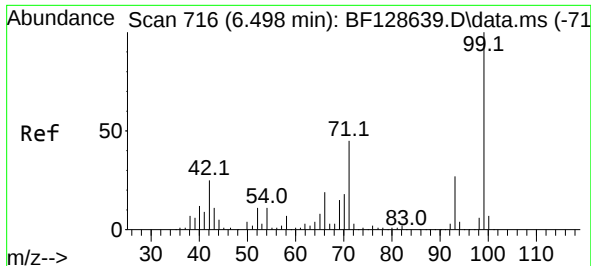
Tgt Ion:152 Resp: 84376
Ion Ratio Lower Upper
152 100
150 158.4 123.7 185.5
115 66.8 49.9 74.9



#5
2-Fluorophenol
Concen: 78.883 ng
RT: 5.369 min Scan# 524
Delta R.T. 0.006 min
Lab File: BF128951.D
Acq: 23 Jun 2022 13:21

Tgt Ion:112 Resp: 417859
Ion Ratio Lower Upper
112 100
64 73.5 53.3 79.9
63 40.9 28.0 42.0

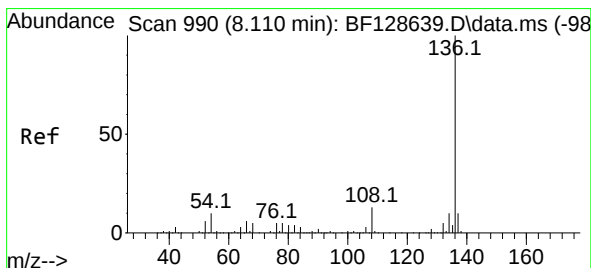
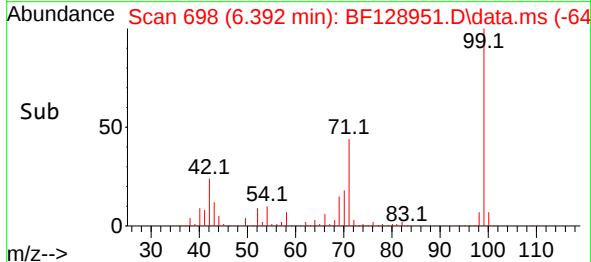
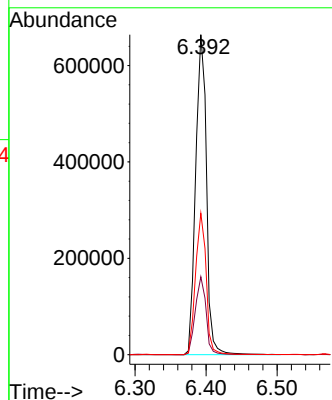
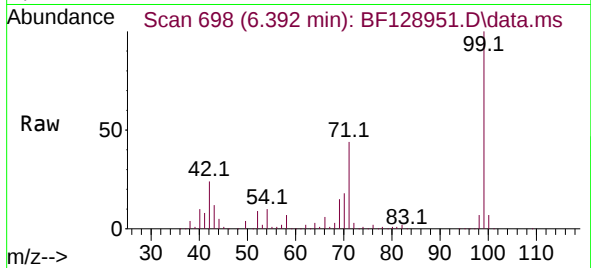




#7
Phenol-d6
Concen: 109.124 ng
RT: 6.392 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128951.D
Acq: 23 Jun 2022 13:21

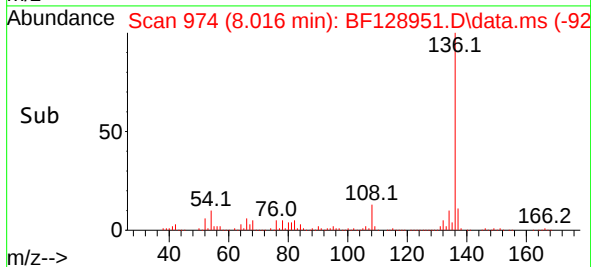
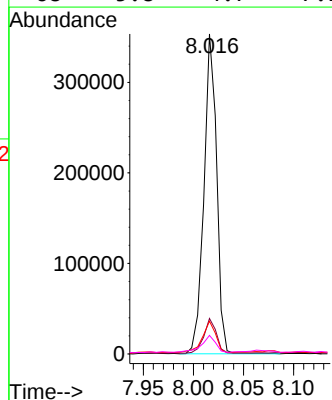
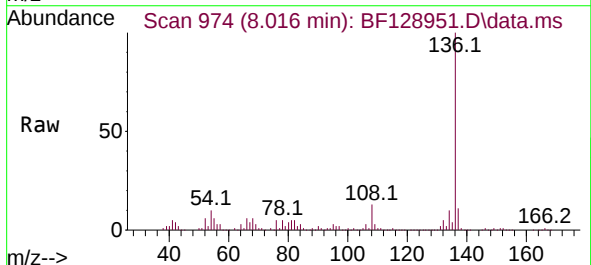
Instrument :
BNA_F
ClientSampleId :
331-0621

Tgt Ion: 99 Resp: 705613
Ion Ratio Lower Upper
99 100
42 24.4 17.3 25.9
71 44.2 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF128951.D
Acq: 23 Jun 2022 13:21

Tgt Ion:136 Resp: 312832
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.2 7.5 11.3
68 5.8 4.7 7.1

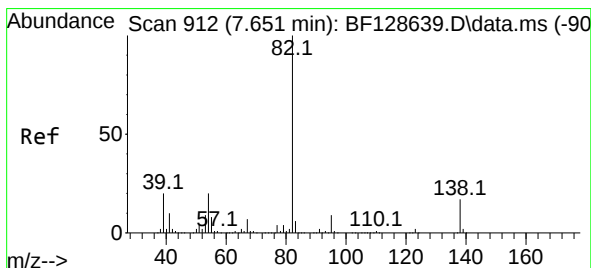
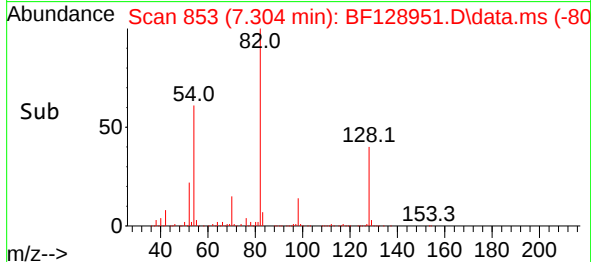
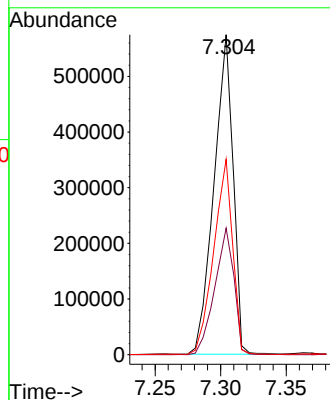
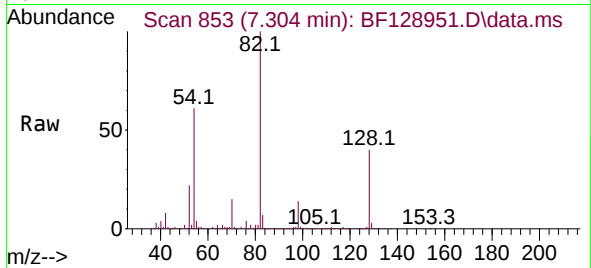




#23
Nitrobenzene-d5
Concen: 86.567 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128951.D
Acq: 23 Jun 2022 13:21

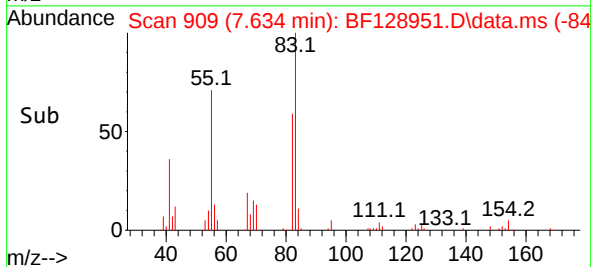
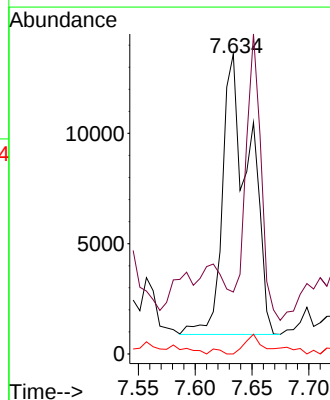
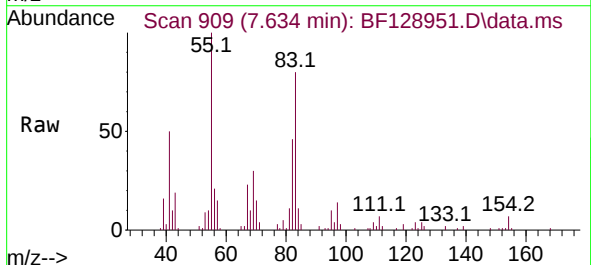
Instrument :
BNA_F
ClientSampleId :
331-0621

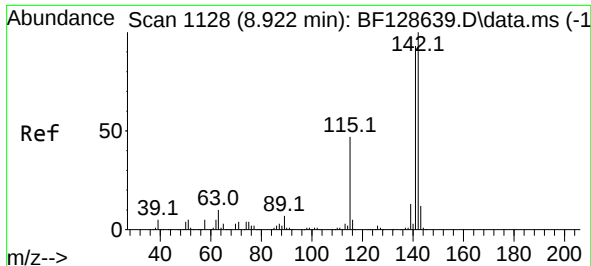
Tgt Ion: 82 Resp: 581653
Ion Ratio Lower Upper
82 100
128 39.6 34.0 51.0
54 61.1 46.9 70.3



#25
Isophorone
Concen: 2.097 ng
RT: 7.634 min Scan# 909
Delta R.T. 0.065 min
Lab File: BF128951.D
Acq: 23 Jun 2022 13:21

Tgt Ion: 82 Resp: 21402
Ion Ratio Lower Upper
82 100
95 20.7 5.7 8.5#
138 0.0 14.2 21.2#

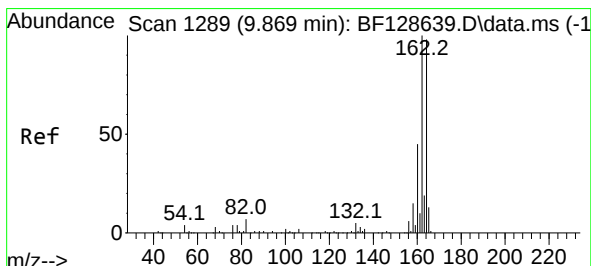
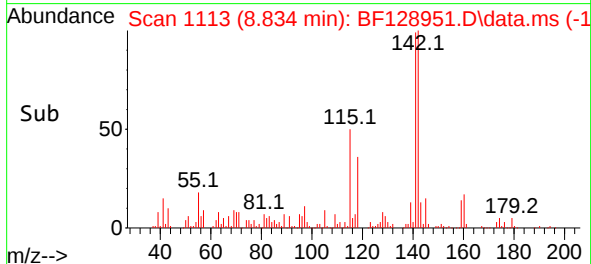
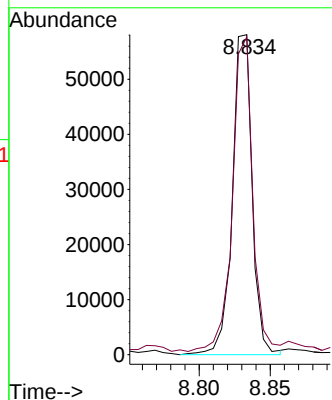
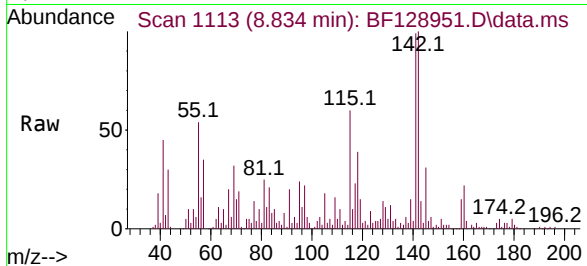




#38
1-Methylnaphthalene
Concen: 5.731 ng
RT: 8.834 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF128951.D
Acq: 23 Jun 2022 13:21

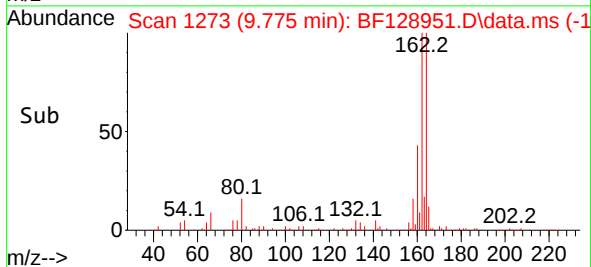
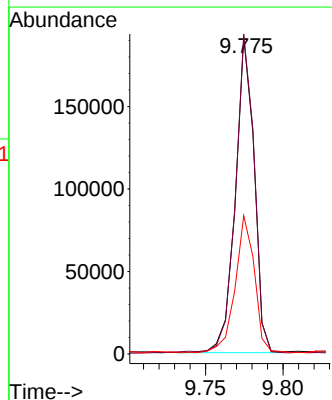
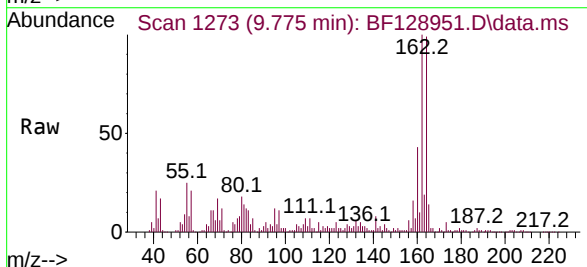
Instrument :
BNA_F
ClientSampleId :
331-0621

Tgt Ion:142 Resp: 56538
Ion Ratio Lower Upper
142 100
141 99.3 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF128951.D
Acq: 23 Jun 2022 13:21

Tgt Ion:164 Resp: 161155
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 11.020 ng

RT: 10.569 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF128951.D

Acq: 23 Jun 2022 13:21

Instrument :

BNA_F

ClientSampleId :

331-0621

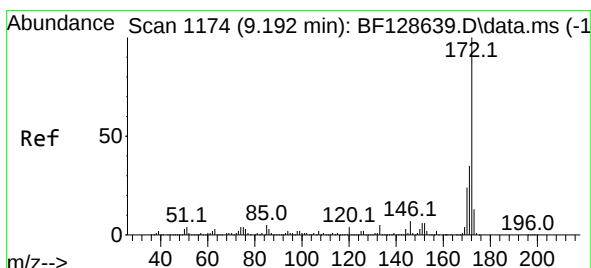
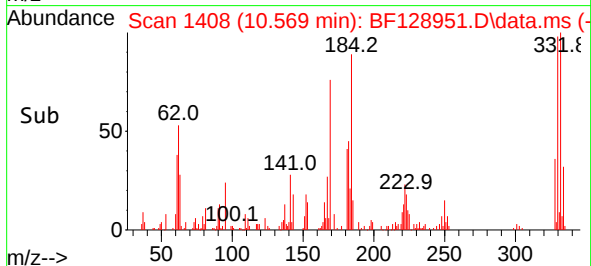
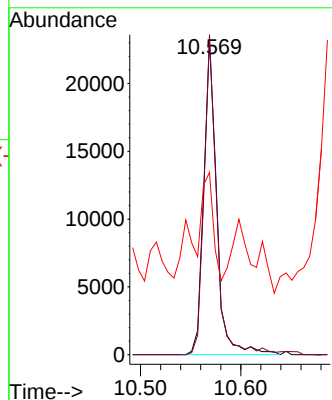
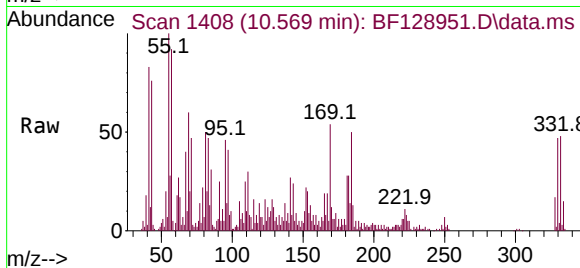
Tgt Ion:330 Resp: 20983

Ion Ratio Lower Upper

330 100

332 98.6 76.8 115.2

141 47.2 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 88.531 ng

RT: 9.098 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF128951.D

Acq: 23 Jun 2022 13:21

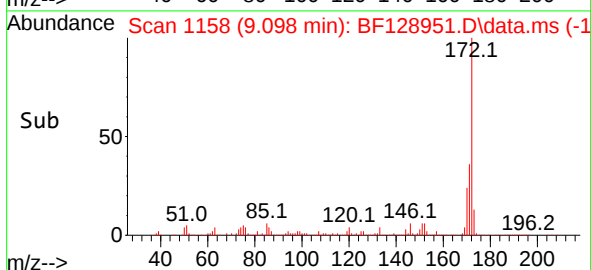
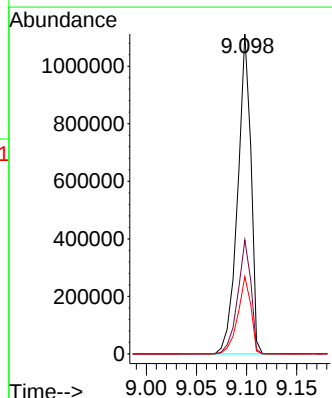
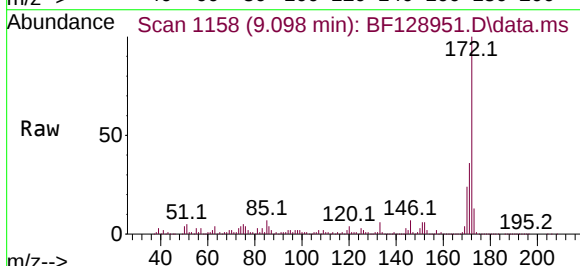
Tgt Ion:172 Resp: 1018506

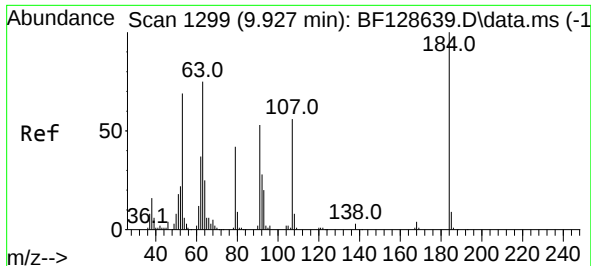
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.1 19.8 29.8

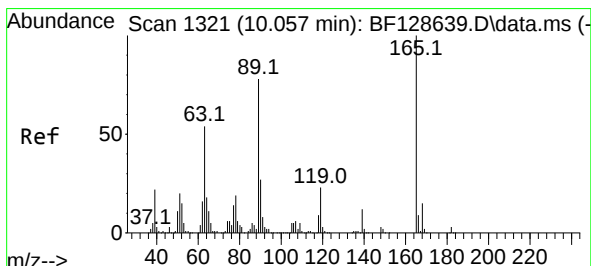
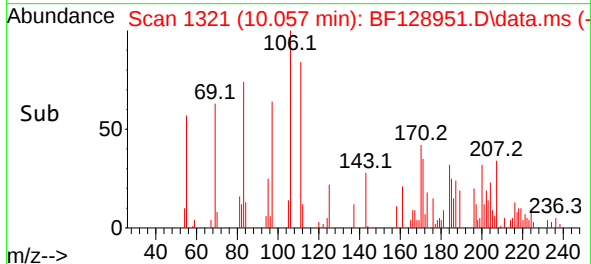
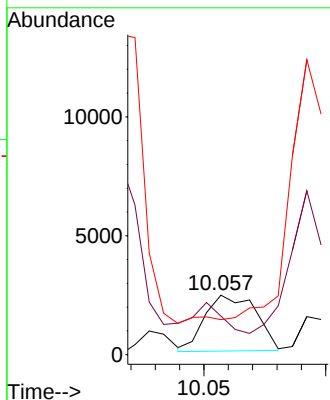
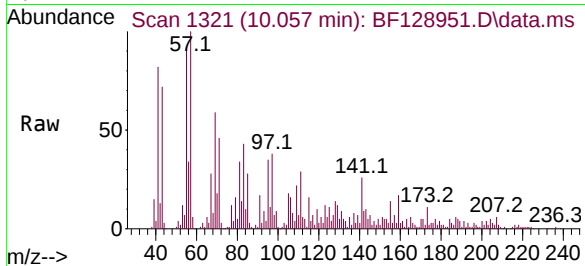




#54
2,4-Dinitrophenol
Concen: 2.834 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128951.D
Acq: 23 Jun 2022 13:21

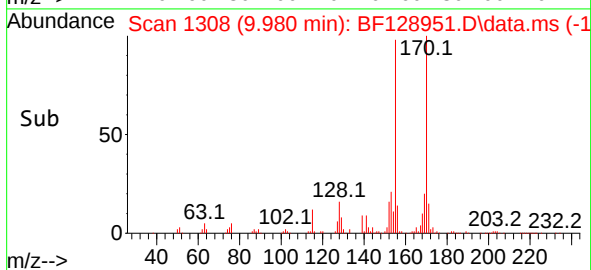
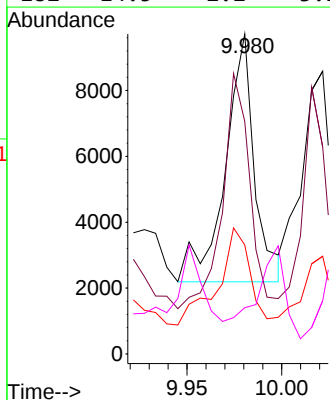
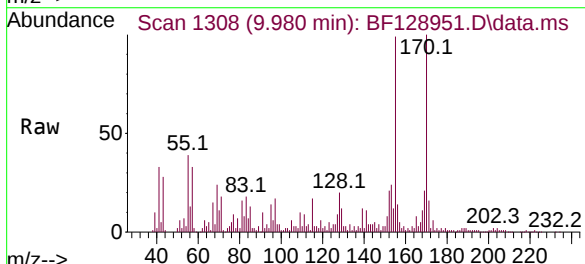
Instrument :
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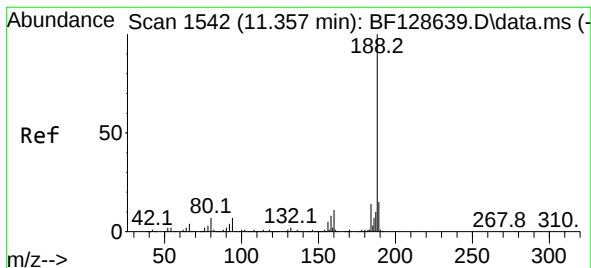
Tgt Ion:184 Resp: 3437
Ion Ratio Lower Upper
184 100
63 64.7 64.5 96.7
154 58.8 50.6 75.8



#57
2,4-Dinitrotoluene
Concen: 2.781 ng
RT: 9.980 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF128951.D
Acq: 23 Jun 2022 13:21

Tgt Ion:165 Resp: 8079
Ion Ratio Lower Upper
165 100
63 72.7 39.8 59.6#
89 34.1 60.2 90.2#
182 14.5 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128951.D

Acq: 23 Jun 2022 13:21

Instrument :

BNA_F

ClientSampleId :

331-0621

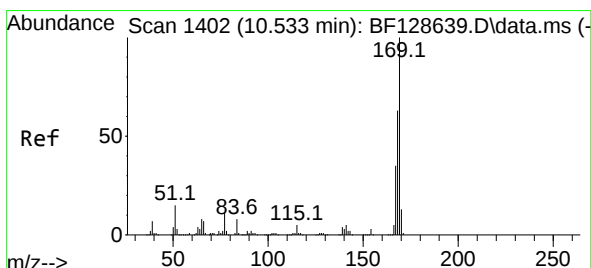
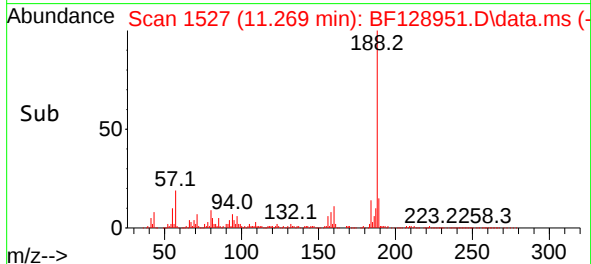
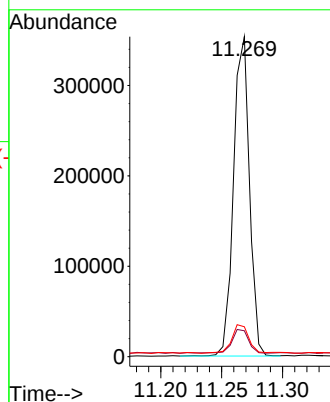
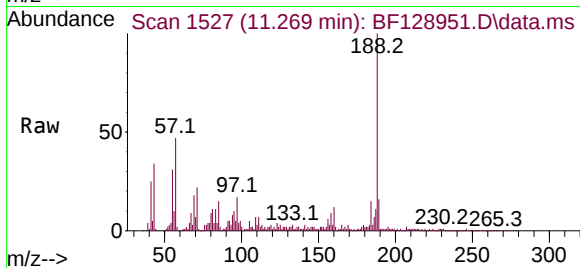
Tgt Ion:188 Resp: 321009

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.4 7.6 11.4



#66

n-Nitrosodiphenylamine

Concen: 8.649 ng

RT: 10.433 min Scan# 1385

Delta R.T. -0.006 min

Lab File: BF128951.D

Acq: 23 Jun 2022 13:21

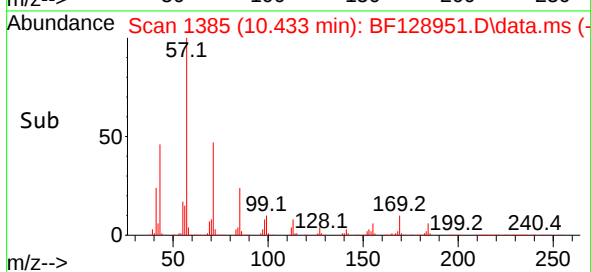
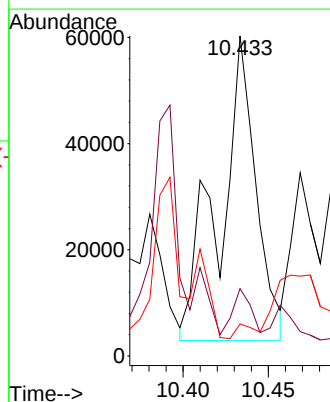
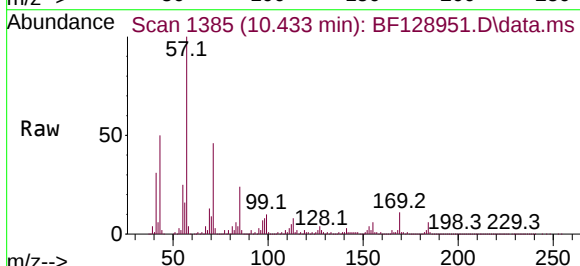
Tgt Ion:169 Resp: 85338

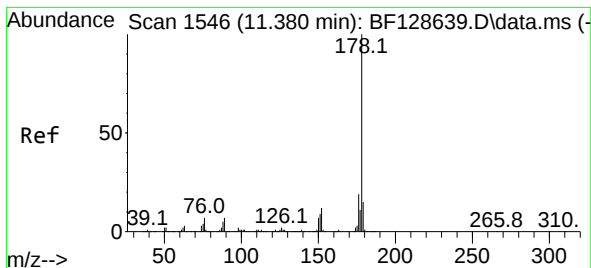
Ion Ratio Lower Upper

169 100

168 21.1 50.1 75.1#

167 10.0 27.9 41.9#





#71

Phenanthrene

Concen: 8.234 ng

RT: 11.292 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF128951.D

Acq: 23 Jun 2022 13:21

Instrument :

BNA_F

ClientSampleId :

331-0621

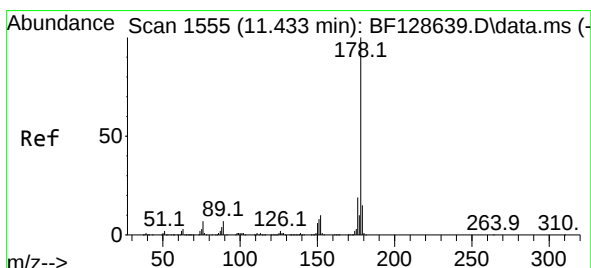
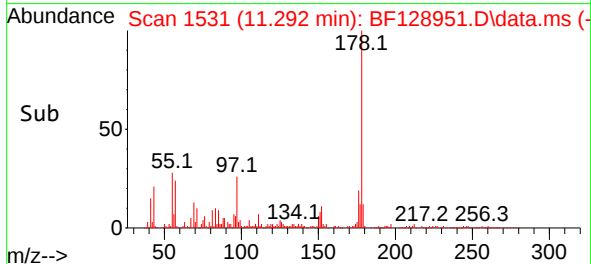
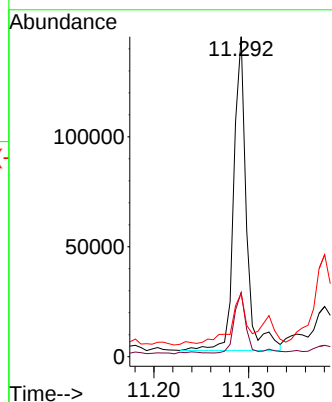
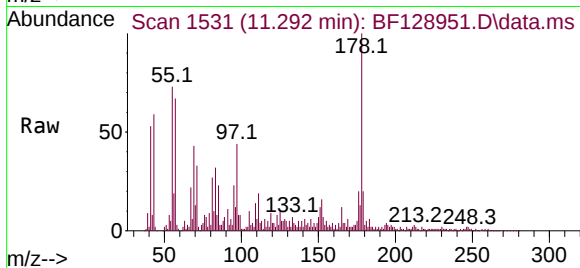
Tgt Ion:178 Resp: 132581

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

179 19.8 12.6 19.0#



#72

Anthracene

Concen: 2.201 ng

RT: 11.380 min Scan# 1546

Delta R.T. 0.041 min

Lab File: BF128951.D

Acq: 23 Jun 2022 13:21

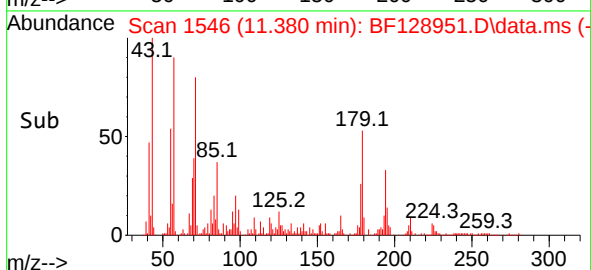
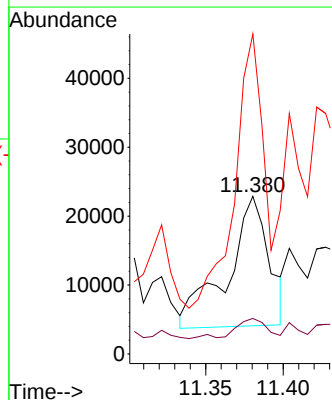
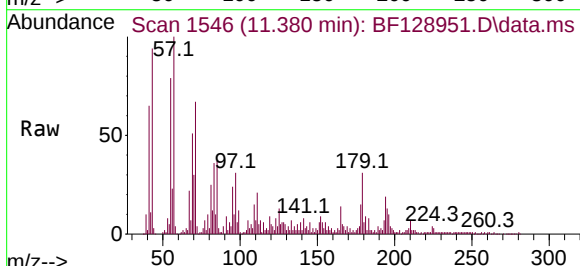
Tgt Ion:178 Resp: 35074

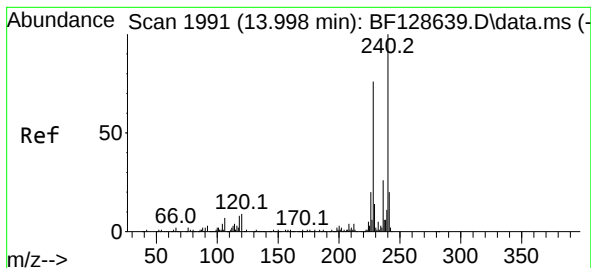
Ion Ratio Lower Upper

178 100

176 22.5 15.4 23.2

179 203.1 12.6 19.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.910 min Scan# 1991

Delta R.T. 0.000 min

Lab File: BF128951.D

Acq: 23 Jun 2022 13:21

Instrument :

BNA_F

ClientSampleId :

331-0621

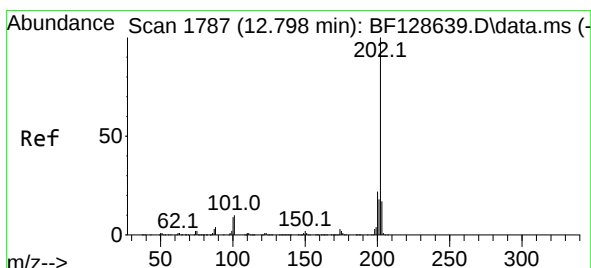
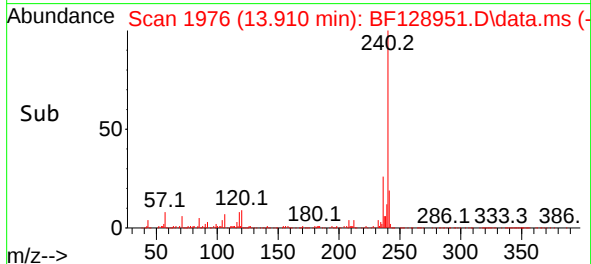
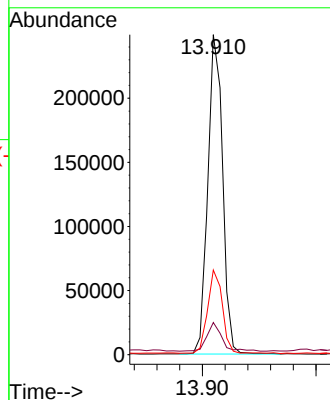
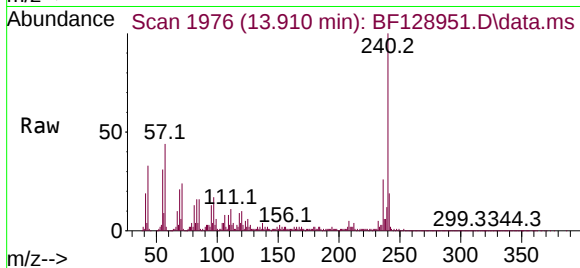
Tgt Ion:240 Resp: 224472

Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

236 26.4 20.8 31.2



#78

Pyrene

Concen: 2.050 ng

RT: 12.716 min Scan# 1773

Delta R.T. 0.006 min

Lab File: BF128951.D

Acq: 23 Jun 2022 13:21

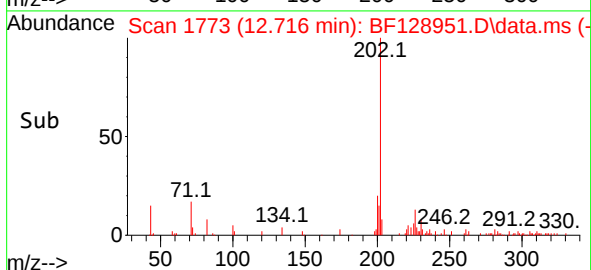
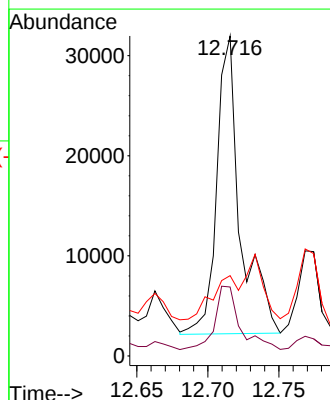
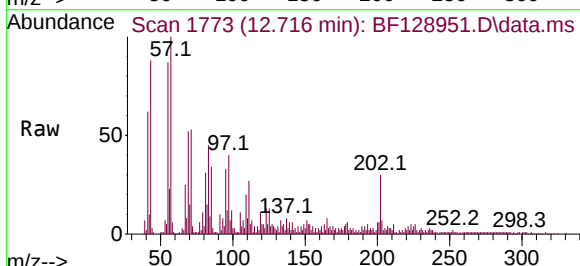
Tgt Ion:202 Resp: 34230

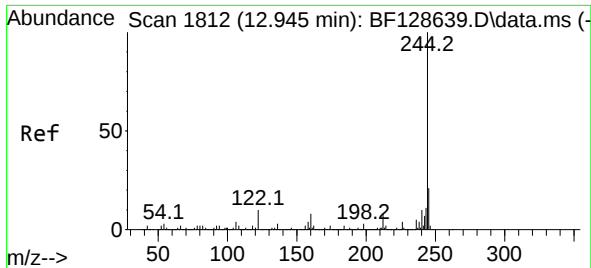
Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

203 25.1 14.6 21.8#

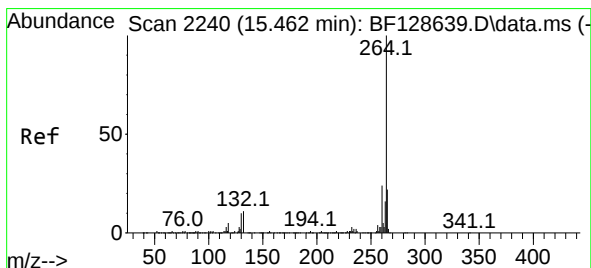
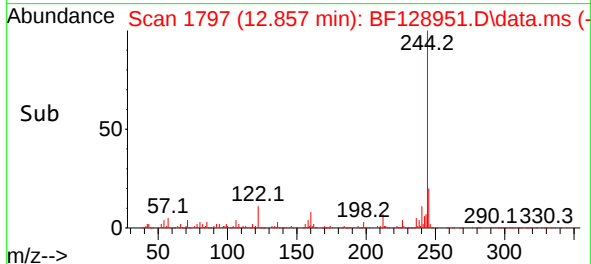
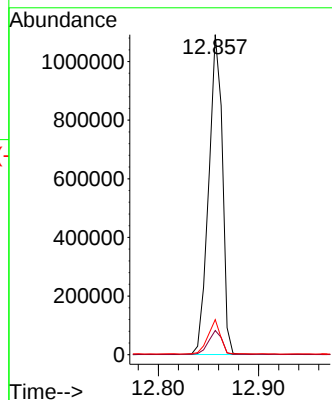
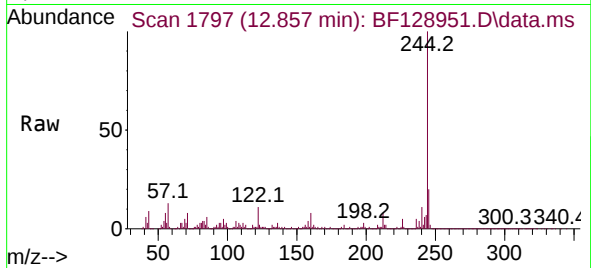




#79
 Terphenyl-d14
 Concen: 80.217 ng
 RT: 12.857 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128951.D
 Acq: 23 Jun 2022 13:21

Instrument :
 BNA_F
 ClientSampleId :
 331-0621

Tgt Ion:244 Resp: 1036258
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.357 min Scan# 2222
 Delta R.T. 0.012 min
 Lab File: BF128951.D
 Acq: 23 Jun 2022 13:21

Tgt Ion:264 Resp: 177368
 Ion Ratio Lower Upper
 264 100
 260 25.8 18.4 27.6
 265 20.3 17.2 25.8

