

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128904.D
 Acq On : 21 Jun 2022 18:31
 Operator : CG\JU
 Sample : N3421-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-9-11-20220620

Quant Time: Jun 22 01:52:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

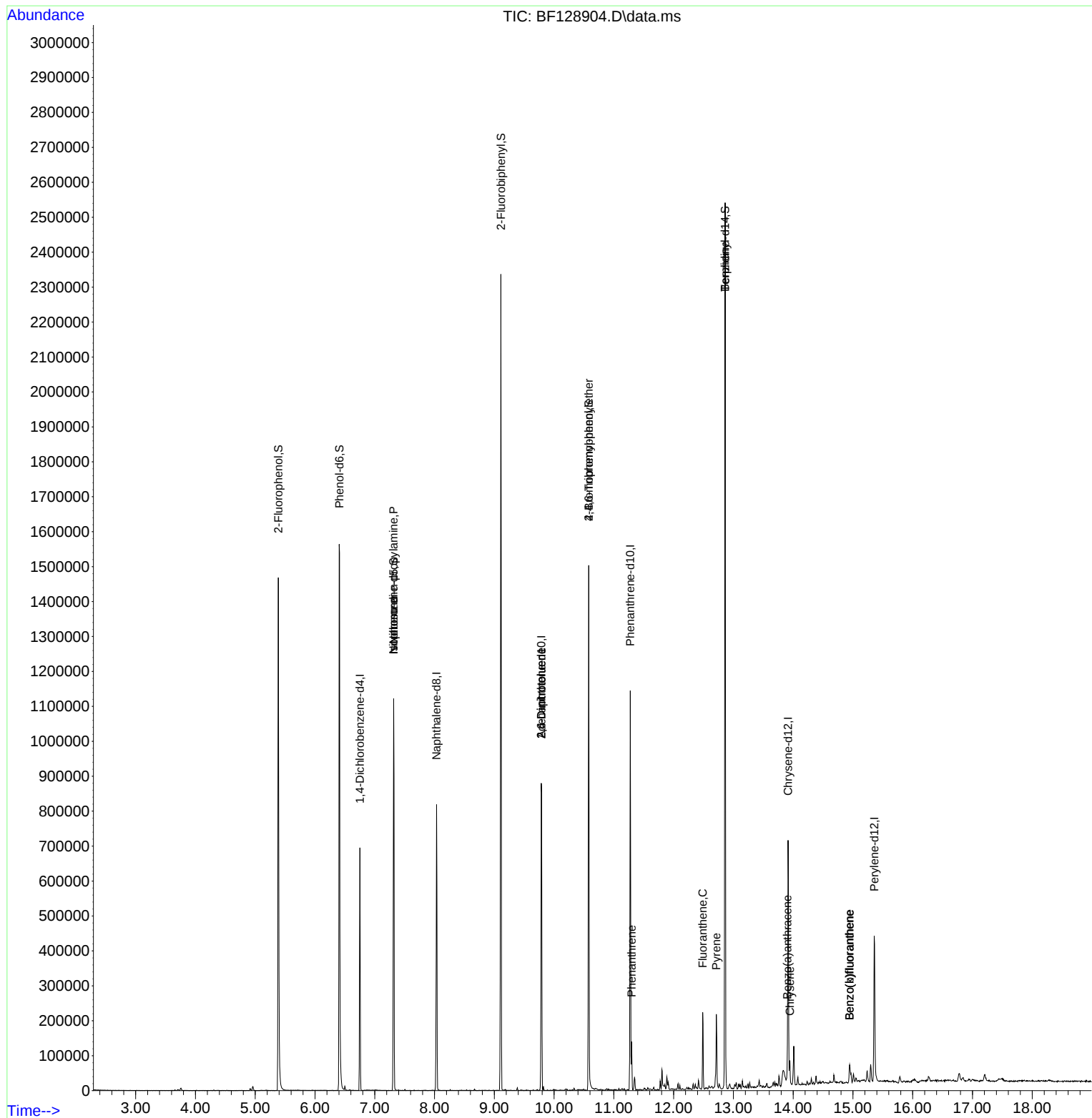
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	87010	20.00	ng	0.00
21) Naphthalene-d8	8.034	136	334159	20.00	ng	0.00
39) Acenaphthene-d10	9.786	164	188536	20.00	ng	0.00
64) Phenanthrene-d10	11.274	188	369392	20.00	ng	0.00
76) Chrysene-d12	13.916	240	229021	20.00	ng	#-0.01
86) Perylene-d12	15.357	264	187613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	375036	68.66	ng	0.00
7) Phenol-d6	6.410	99	500764	75.10	ng	0.00
23) Nitrobenzene-d5	7.316	82	346846	48.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	159680	71.68	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	663849	49.32	ng	0.00
79) Terphenyl-d14	12.863	244	785286	59.58	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	48780	11.77	ng	# 79
25) Isophorone	7.316	82	346754	31.81	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	24350	9.56	ng	# 26
57) 2,4-Dinitrotoluene	9.786	165	24350	7.16	ng	# 21
67) 4-Bromophenyl-phenylether	10.580	248	10519	2.55	ng	# 1
71) Phenanthrene	11.298	178	42708	2.31	ng	98
75) Fluoranthene	12.486	202	82741	4.27	ng	97
77) Benzidine	12.863	184	11514	2.52	ng	# 90
78) Pyrene	12.716	202	82293	4.83	ng	96
81) Benzo(a)anthracene	13.904	228	30594	2.14	ng	98
83) Chrysene	13.945	228	28760	2.11	ng	99
88) Benzo(b)fluoranthene	14.945	252	34940	2.91	ng	97
89) Benzo(k)fluoranthene	14.945	252	34940	3.10	ng	97

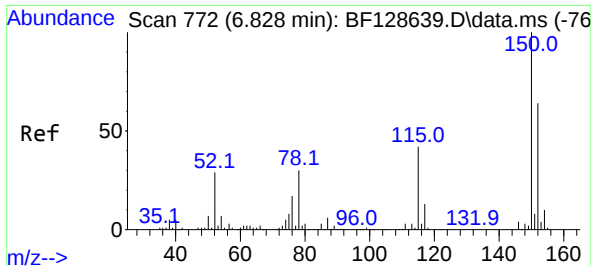
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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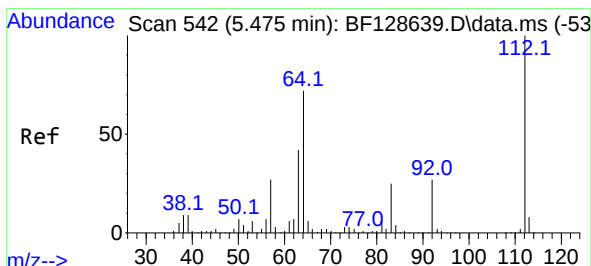
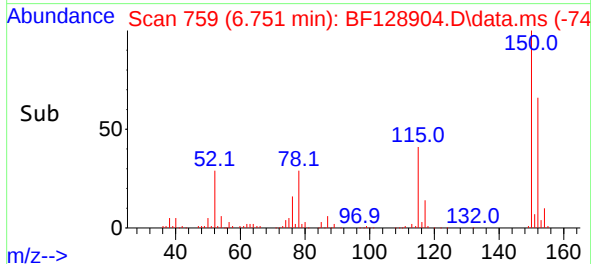
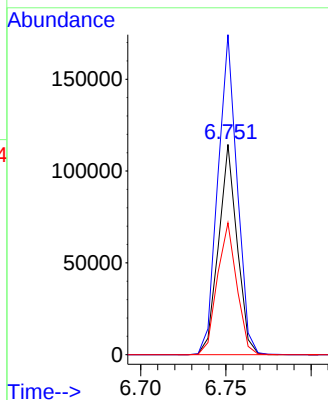
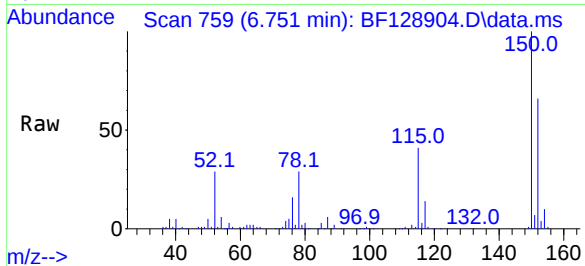




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

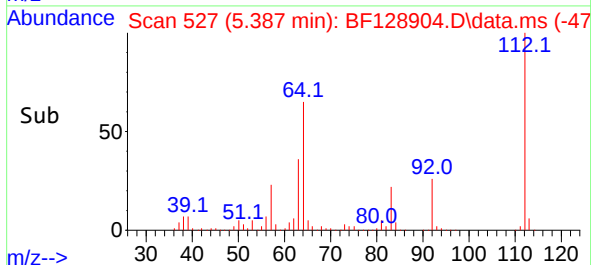
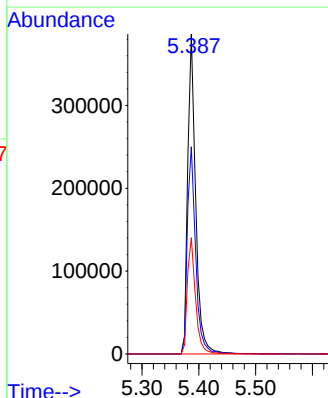
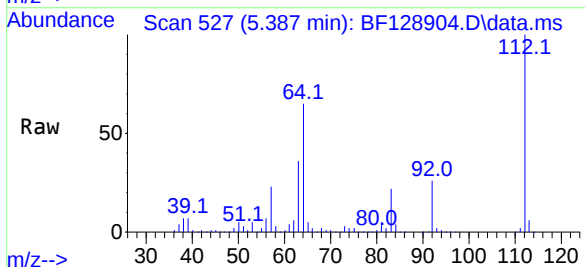
Instrument :
BNA_F
ClientSampleId :
SB-3-9-11-20220620

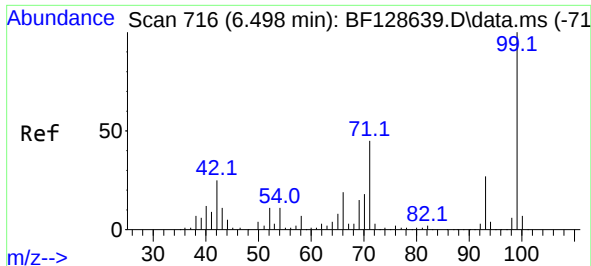
Tgt Ion:152 Resp: 87010
Ion Ratio Lower Upper
152 100
150 152.2 123.7 185.5
115 62.7 49.9 74.9



#5
2-Fluorophenol
Concen: 68.66 ng
RT: 5.387 min Scan# 527
Delta R.T. 0.000 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

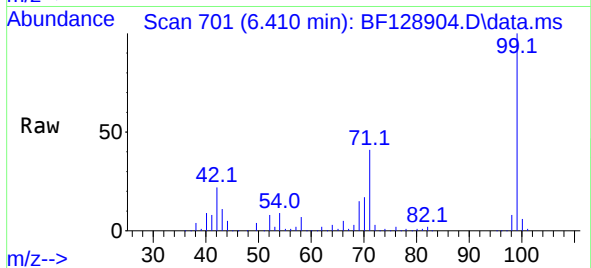
Tgt Ion:112 Resp: 375036
Ion Ratio Lower Upper
112 100
64 64.8 53.3 79.9
63 36.4 28.0 42.0



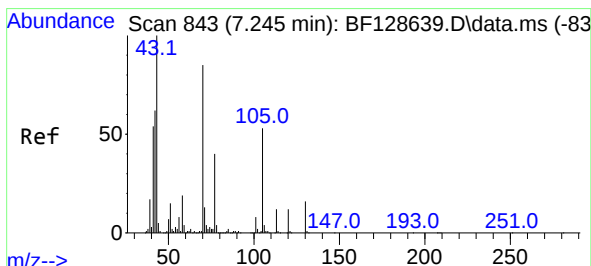
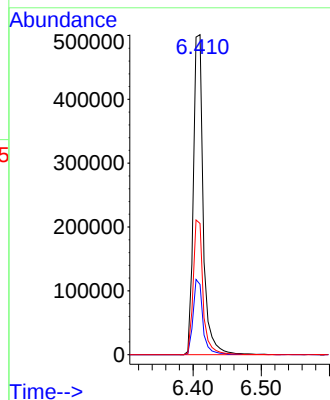
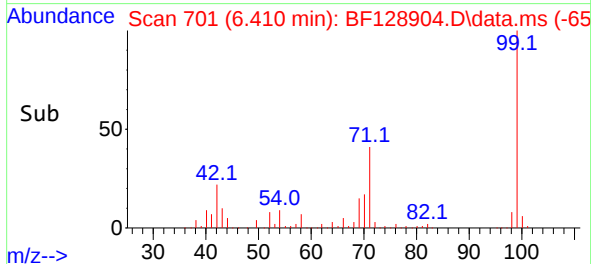


#7
Phenol-d6
Concen: 75.10 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

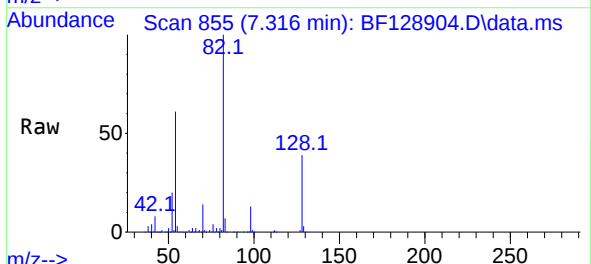
Instrument :
BNA_F
ClientSampleId :
SB-3-9-11-20220620



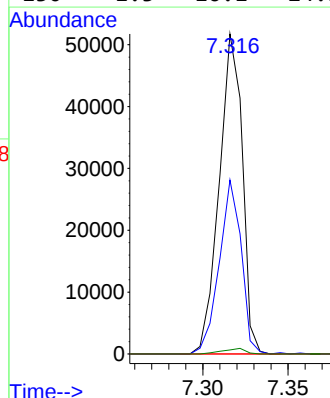
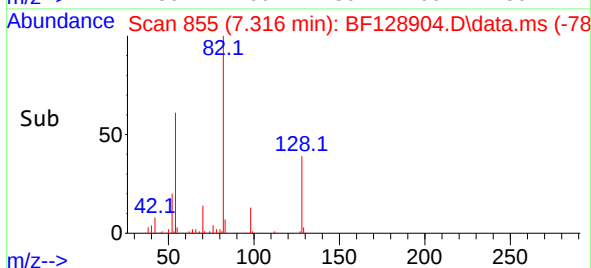
Tgt Ion: 99 Resp: 500764
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 41.0 28.9 43.3

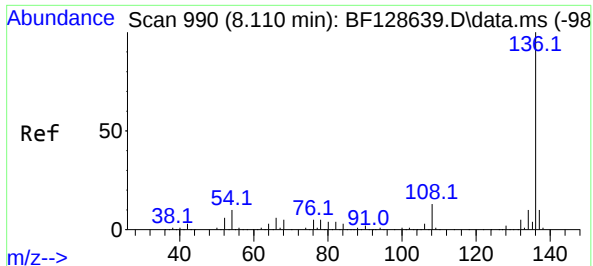


#19
n-Nitroso-di-n-propylamine
Concen: 11.77 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.135 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31



Tgt Ion: 70 Resp: 48780
Ion Ratio Lower Upper
70 100
42 54.4 52.3 78.5
101 0.0 7.5 11.3#
130 1.3 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.034 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128904.D

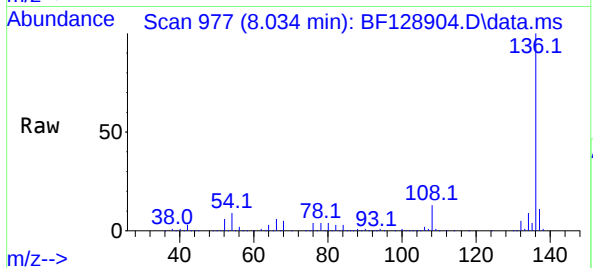
Acq: 21 Jun 2022 18:31

Instrument :

BNA_F

ClientSampleId :

SB-3-9-11-20220620



Tgt Ion:136 Resp: 334159

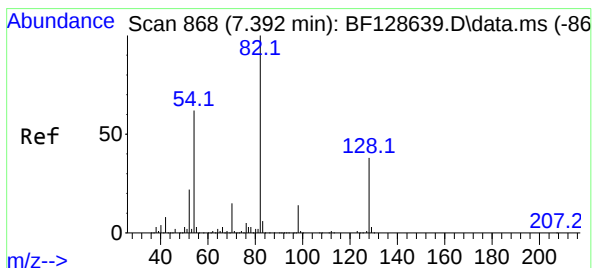
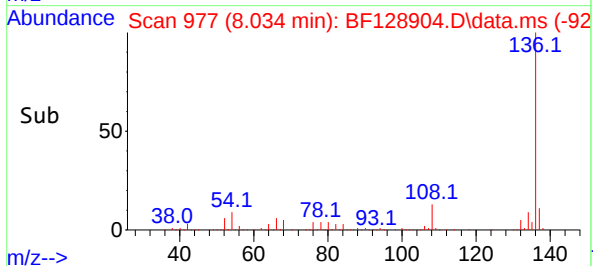
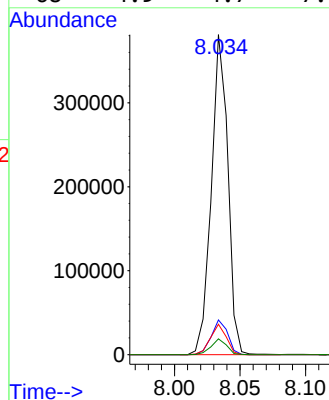
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.5 7.5 11.3

68 4.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 48.33 ng

RT: 7.316 min Scan# 855

Delta R.T. -0.012 min

Lab File: BF128904.D

Acq: 21 Jun 2022 18:31

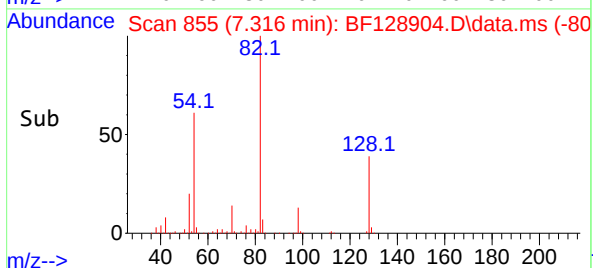
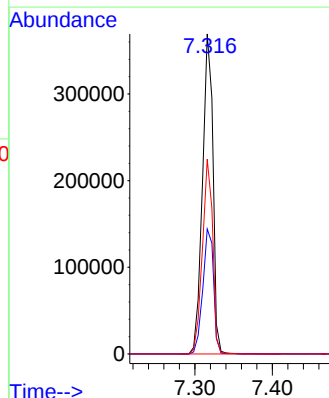
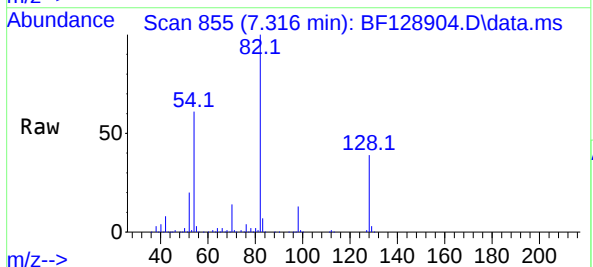
Tgt Ion: 82 Resp: 346846

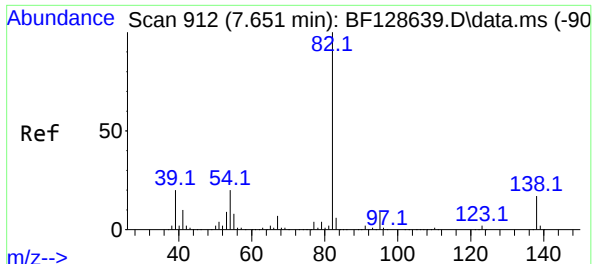
Ion Ratio Lower Upper

82 100

128 39.1 34.0 51.0

54 60.8 46.9 70.3

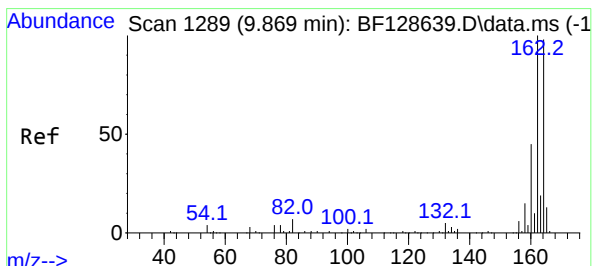
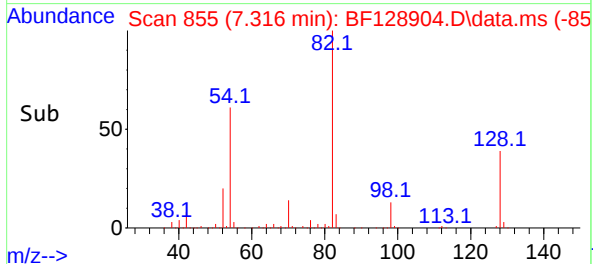
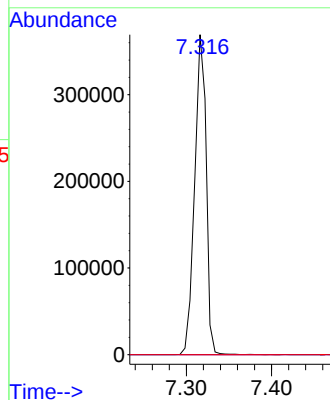
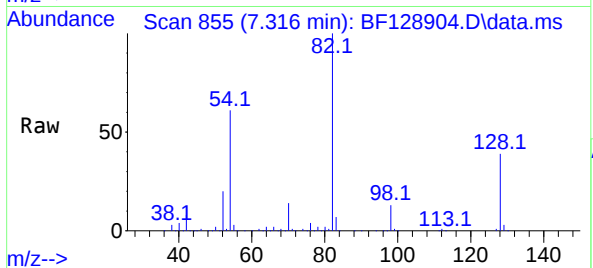




#25
Isophorone
Concen: 31.81 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

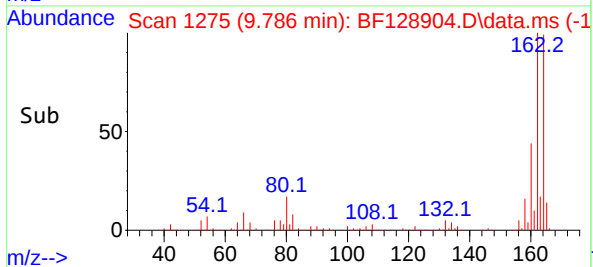
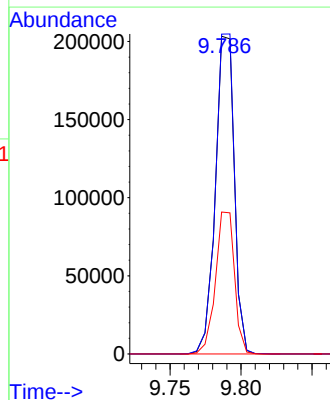
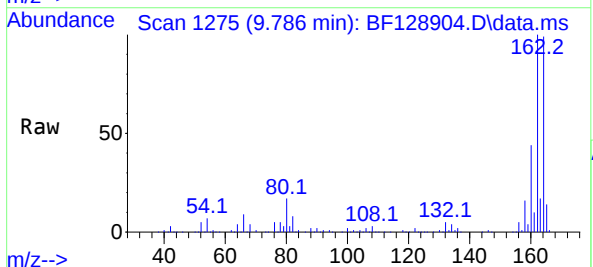
Instrument :
BNA_F
ClientSampleId :
SB-3-9-11-20220620

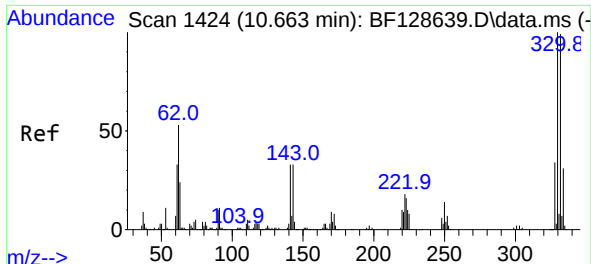
Tgt Ion: 82 Resp: 346754
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

Tgt Ion:164 Resp: 188536
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 71.68 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128904.D

Acq: 21 Jun 2022 18:31

Instrument :

BNA_F

ClientSampleId :

SB-3-9-11-20220620

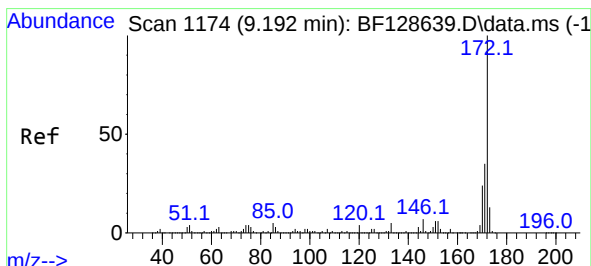
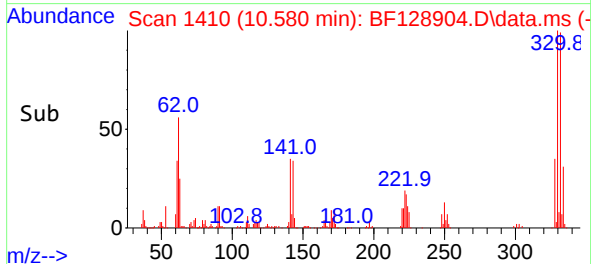
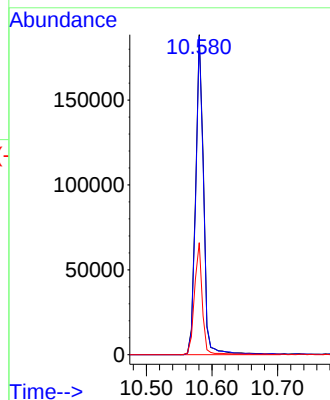
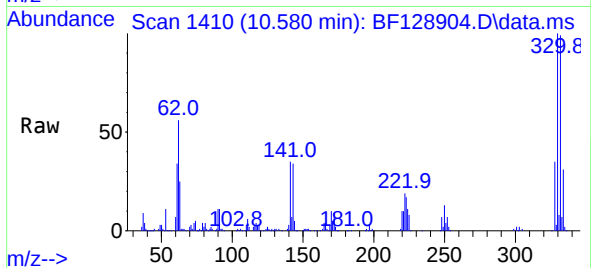
Tgt Ion:330 Resp: 159680

Ion Ratio Lower Upper

330 100

332 97.5 76.8 115.2

141 34.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 49.32 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128904.D

Acq: 21 Jun 2022 18:31

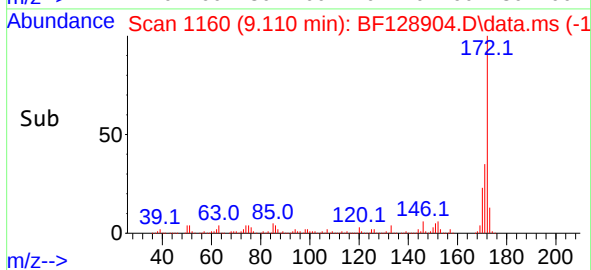
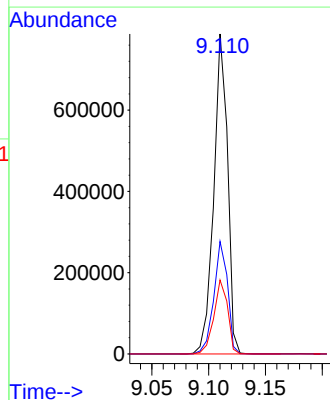
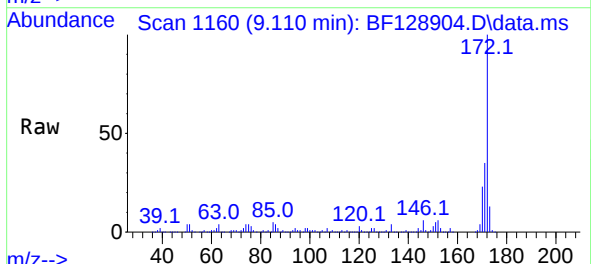
Tgt Ion:172 Resp: 663849

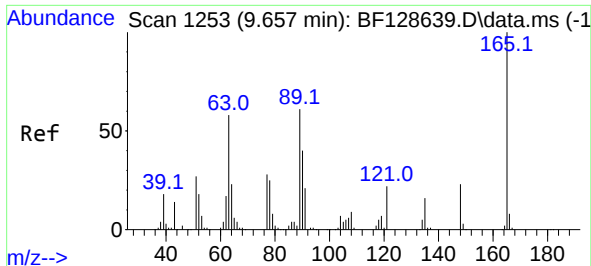
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.1 19.8 29.8

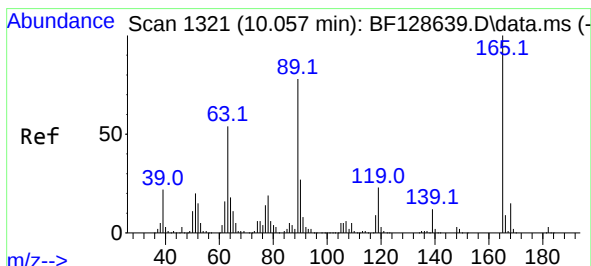
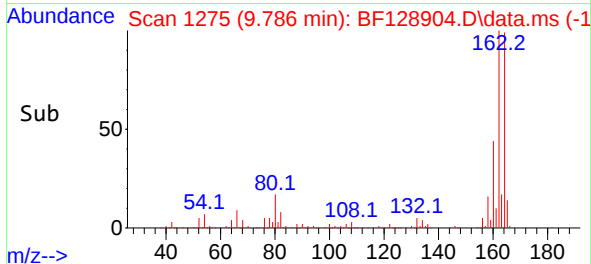
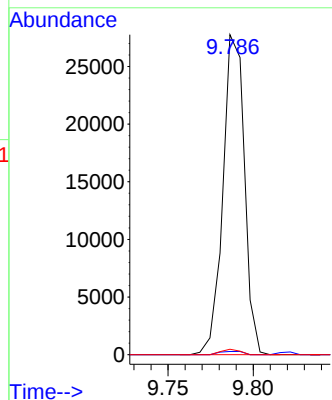
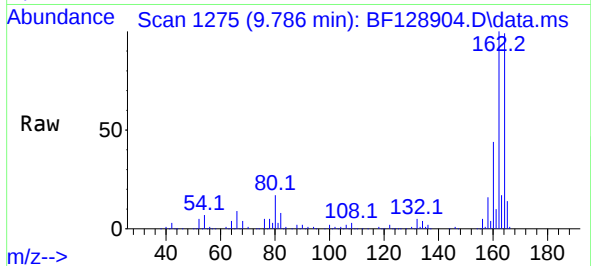




#51
2,6-Dinitrotoluene
Concen: 9.56 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.200 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

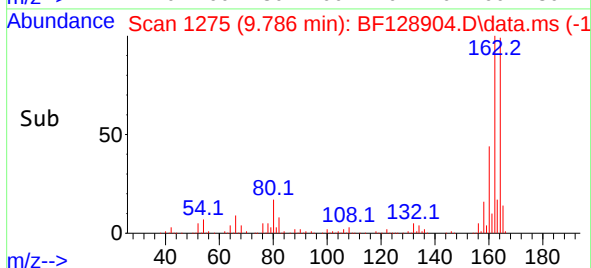
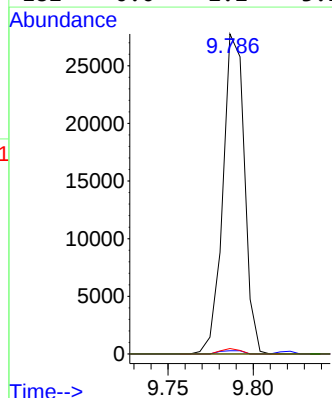
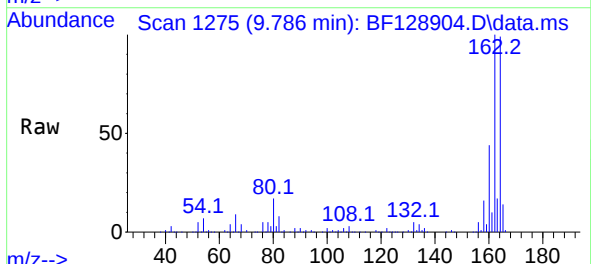
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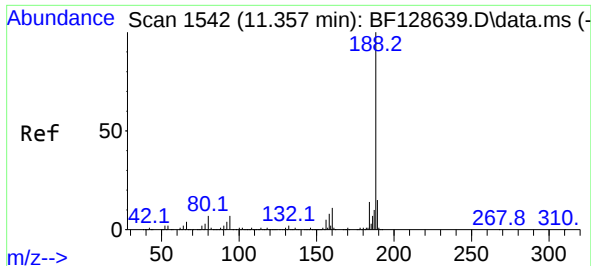
Tgt Ion:165 Resp: 24350
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.7 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.16 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.206 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

Tgt Ion:165 Resp: 24350
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#

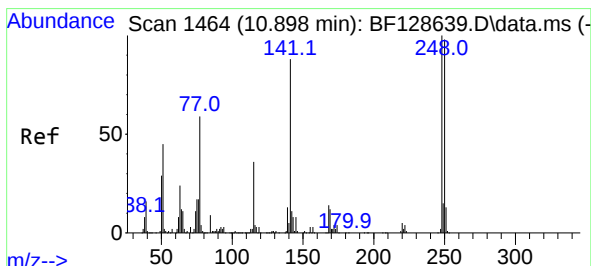
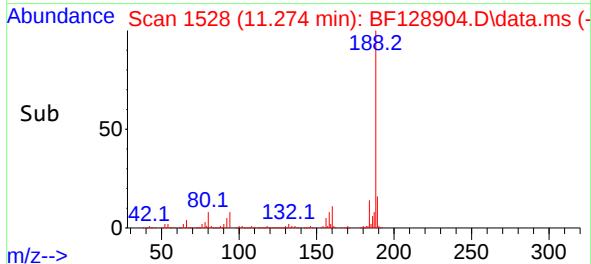
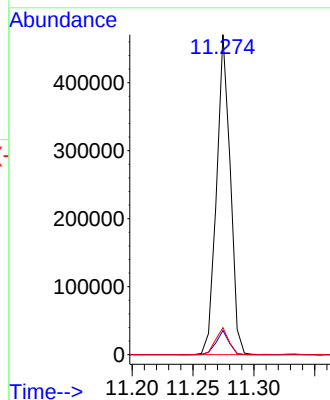
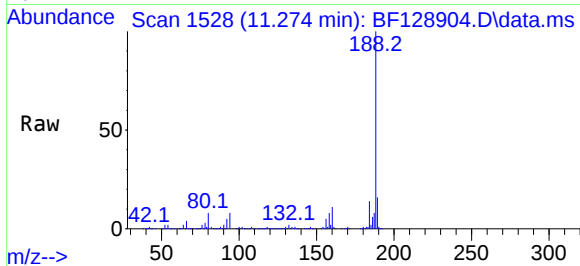




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

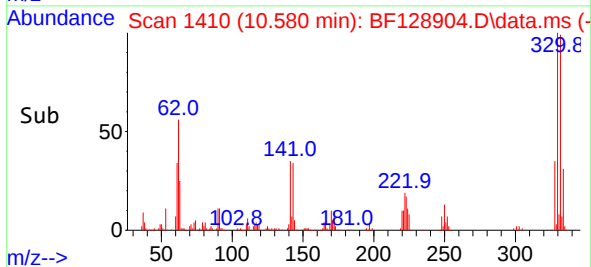
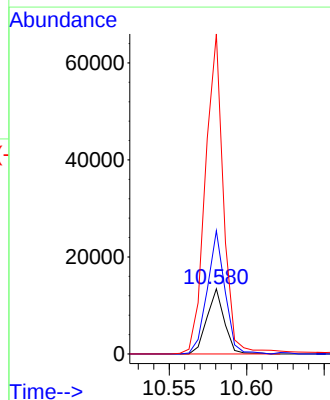
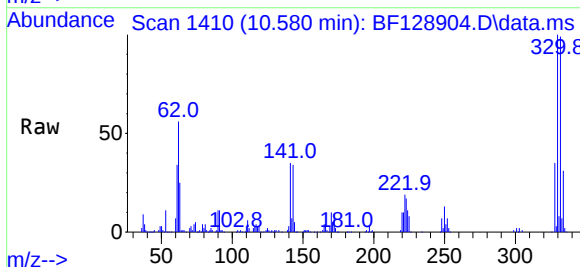
Instrument :
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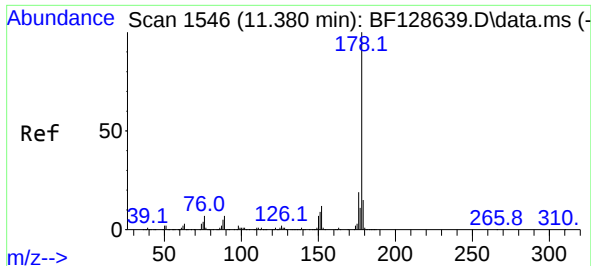
Tgt Ion:188 Resp: 369392
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.55 ng
RT: 10.580 min Scan# 1410
Delta R.T. -0.247 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

Tgt Ion:248 Resp: 10519
Ion Ratio Lower Upper
248 100
250 189.2 80.6 120.8#
141 491.2 58.9 88.3#

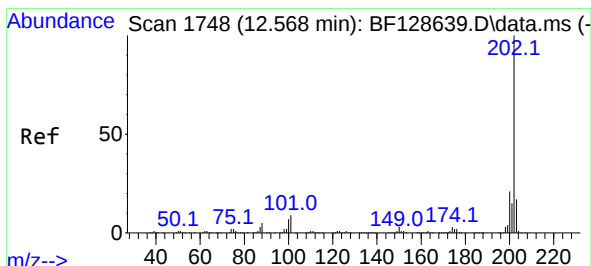
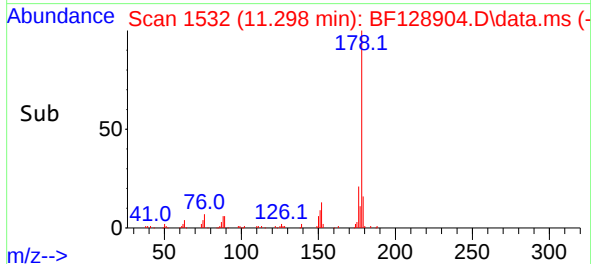
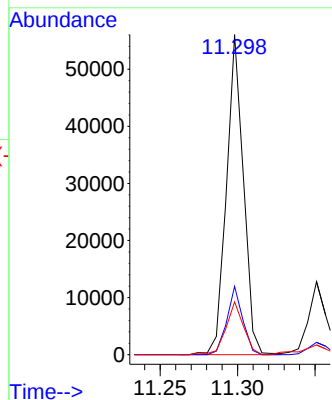
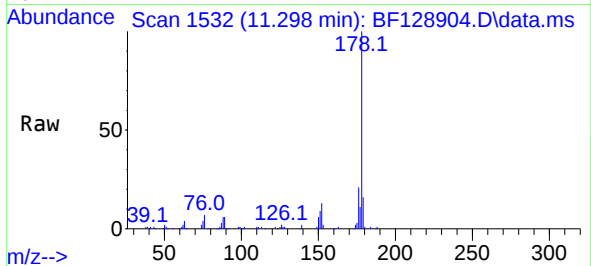




#71
Phenanthrene
Concen: 2.31 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

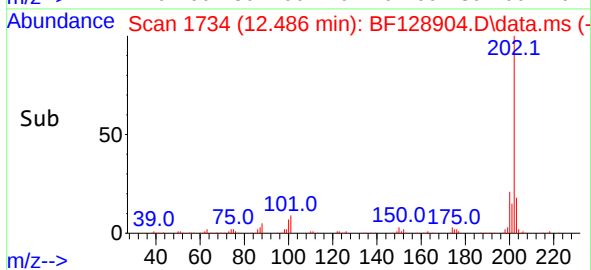
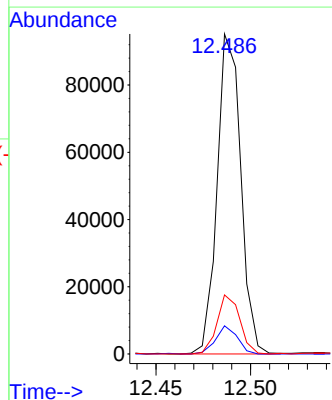
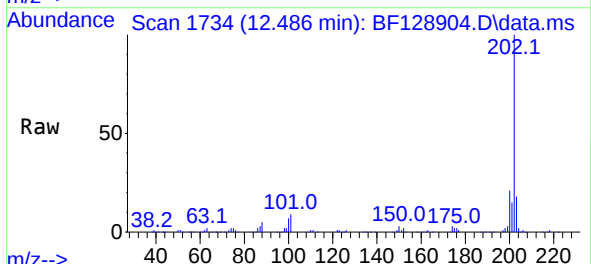
Instrument :
BNA_F
ClientSampleId :
SB-3-9-11-20220620

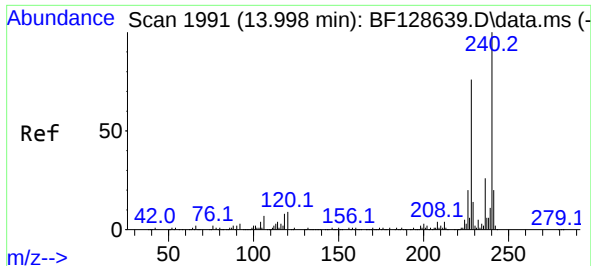
Tgt Ion:178 Resp: 42708
Ion Ratio Lower Upper
178 100
176 21.3 16.0 24.0
179 16.5 12.6 19.0



#75
Fluoranthene
Concen: 4.27 ng
RT: 12.486 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

Tgt Ion:202 Resp: 82741
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.4
203 18.4 0.0 38.0

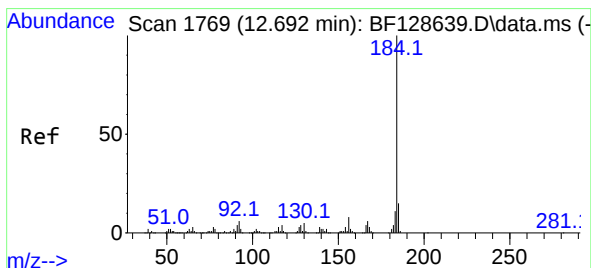
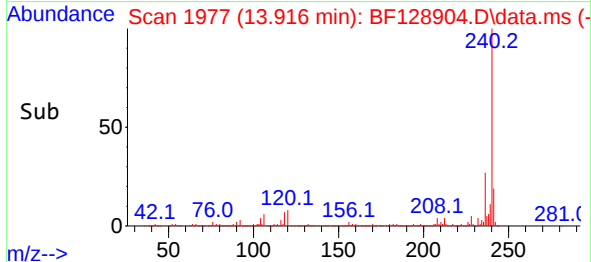
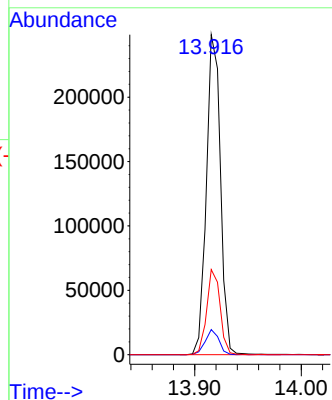
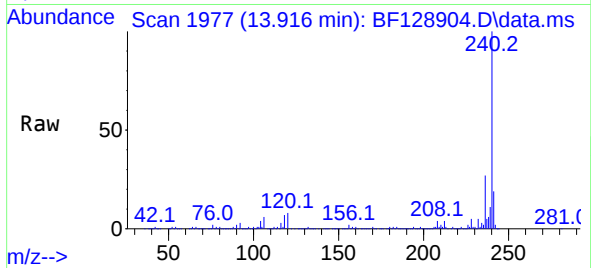




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.916 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

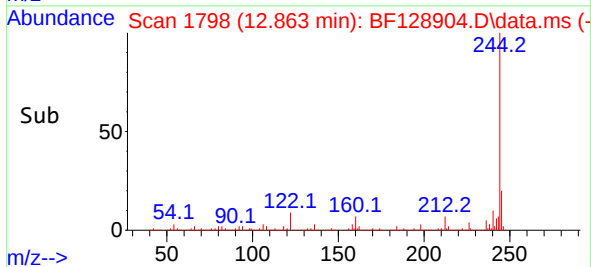
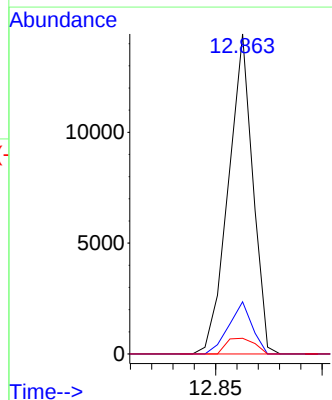
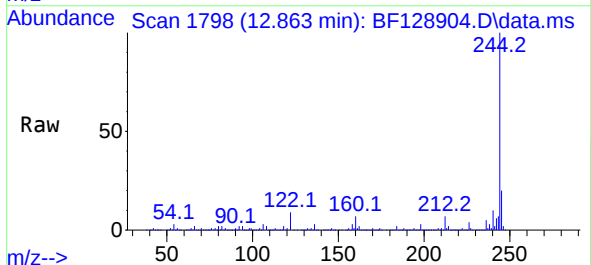
Instrument :
BNA_F
ClientSampleId :
SB-3-9-11-20220620

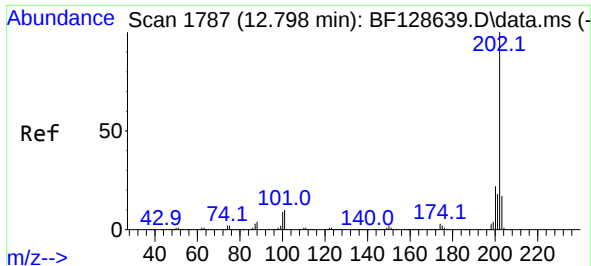
Tgt Ion:240 Resp: 229021
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3#
236 26.6 20.8 31.2



#77
Benzidine
Concen: 2.52 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.247 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

Tgt Ion:184 Resp: 11514
Ion Ratio Lower Upper
184 100
185 16.3 11.9 17.9
183 4.9 9.3 13.9#

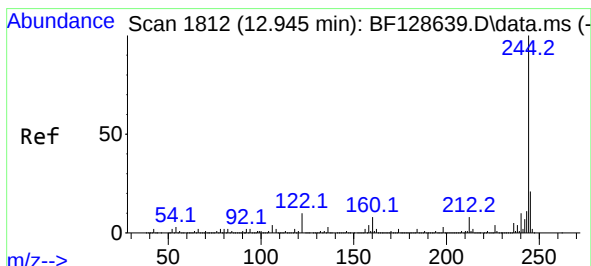
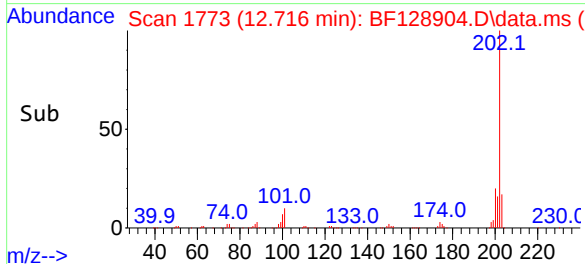
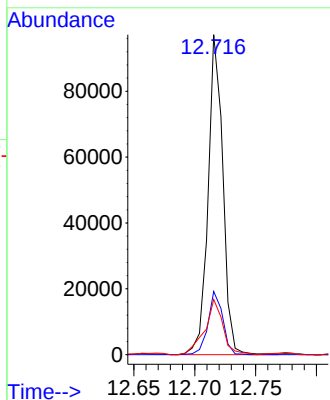
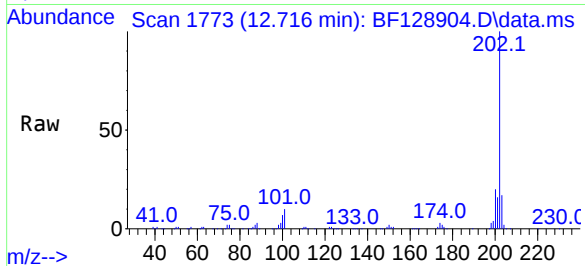




#78
Pyrene
Concen: 4.83 ng
RT: 12.716 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

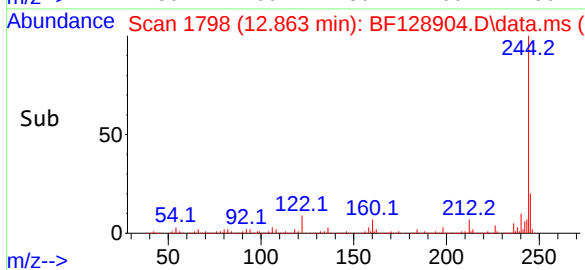
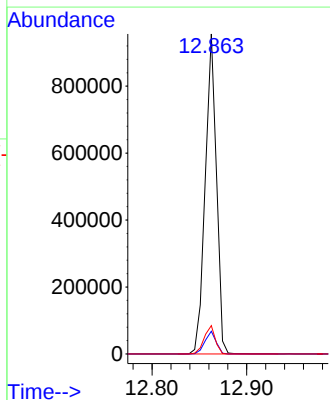
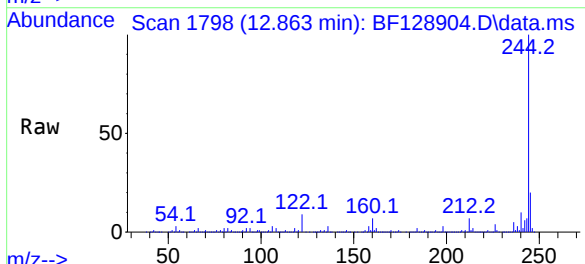
Instrument :
BNA_F
ClientSampleId :
SB-3-9-11-20220620

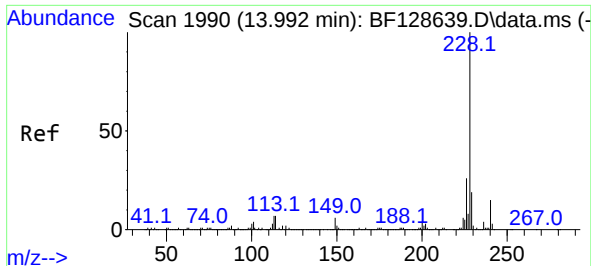
Tgt Ion:202 Resp: 82293
Ion Ratio Lower Upper
202 100
200 19.7 17.7 26.5
203 17.3 14.6 21.8



#79
Terphenyl-d14
Concen: 59.58 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

Tgt Ion:244 Resp: 785286
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 8.8 8.8 13.2

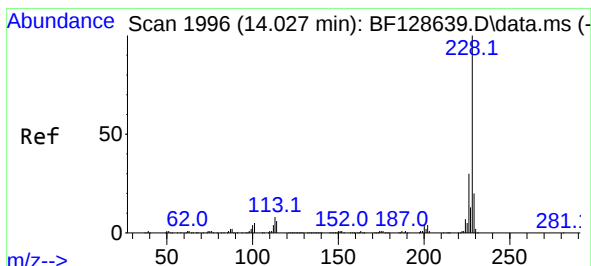
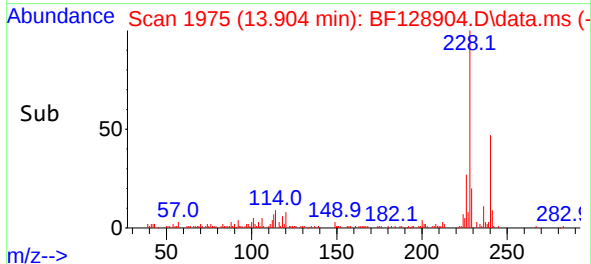
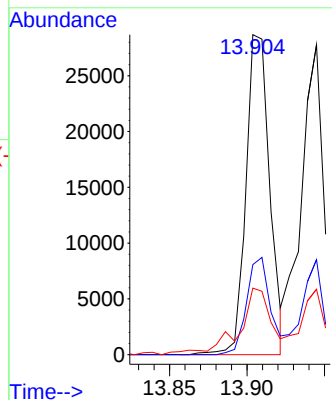
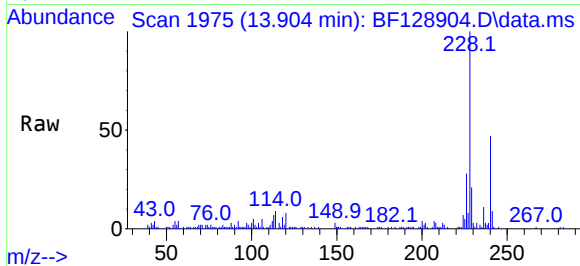




#81
Benzo(a)anthracene
Concen: 2.14 ng
RT: 13.904 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

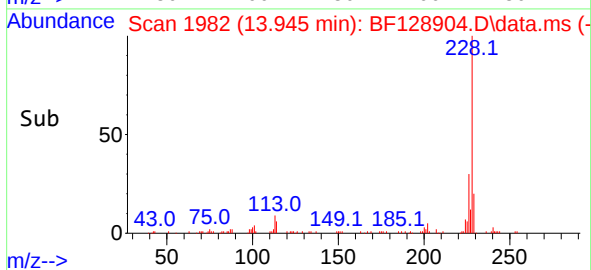
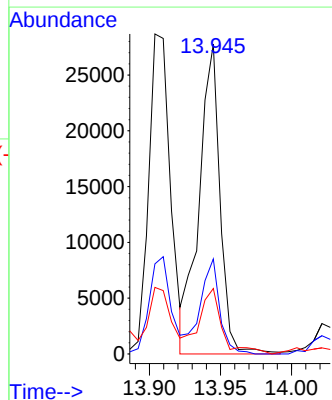
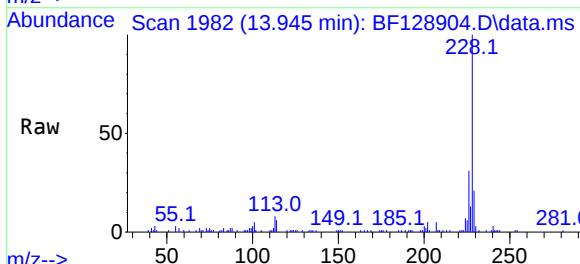
Instrument :
BNA_F
ClientSampleId :
SB-3-9-11-20220620

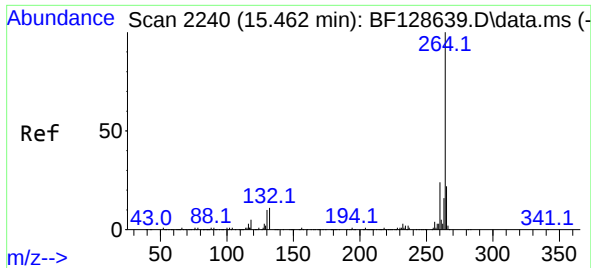
Tgt Ion:228 Resp: 30594
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 20.8 15.8 23.8



#83
Chrysene
Concen: 2.11 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

Tgt Ion:228 Resp: 28760
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.1 15.9 23.9



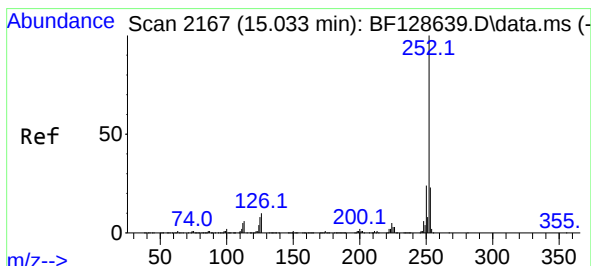
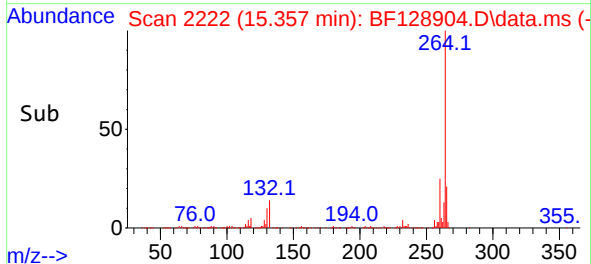
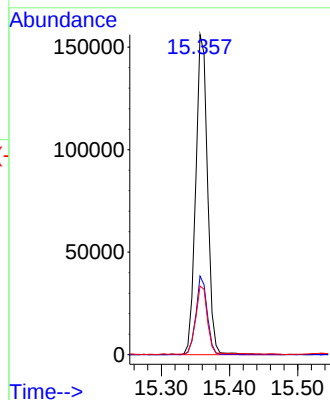
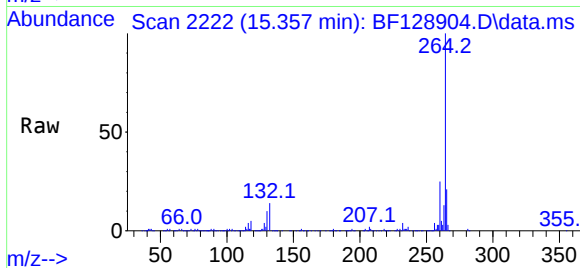


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.357 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

Instrument :
BNA_F
ClientSampleId :
SB-3-9-11-20220620

Tgt Ion:264 Resp: 187613

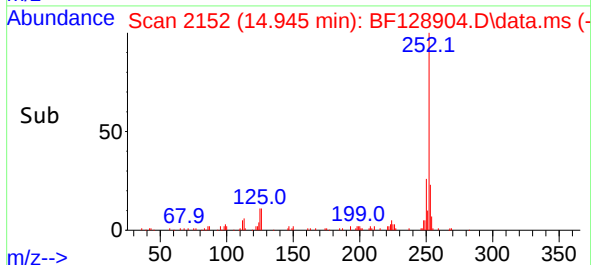
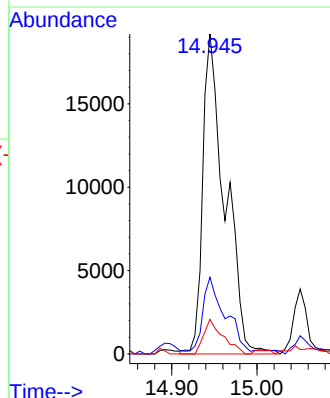
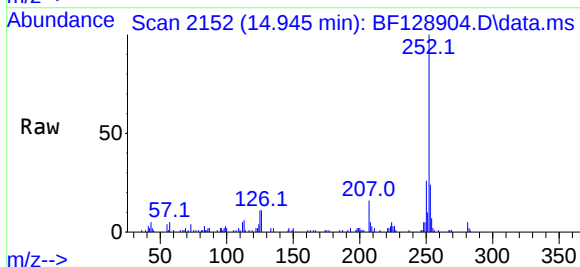
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	21.4	17.2	25.8

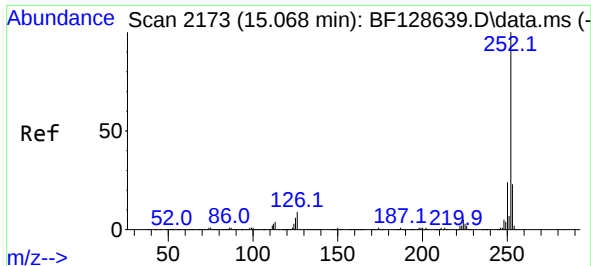


#88
Benzo(b)fluoranthene
Concen: 2.91 ng
RT: 14.945 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BF128904.D
Acq: 21 Jun 2022 18:31

Tgt Ion:252 Resp: 34940

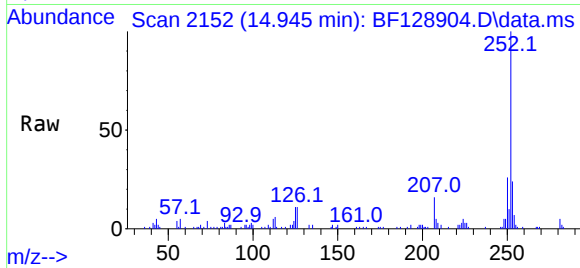
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	10.9	8.0	12.0





#89
 Benzo(k)fluoranthene
 Concen: 3.10 ng
 RT: 14.945 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF128904.D
 Acq: 21 Jun 2022 18:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-9-11-20220620



Tgt Ion:252 Resp: 34940
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.8 26.6
 125 10.9 8.3 12.5

