

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125020.D
 Acq On : 10 Aug 2021 1:23
 Operator : JU/CG
 Sample : M3291-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 10 04:47:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

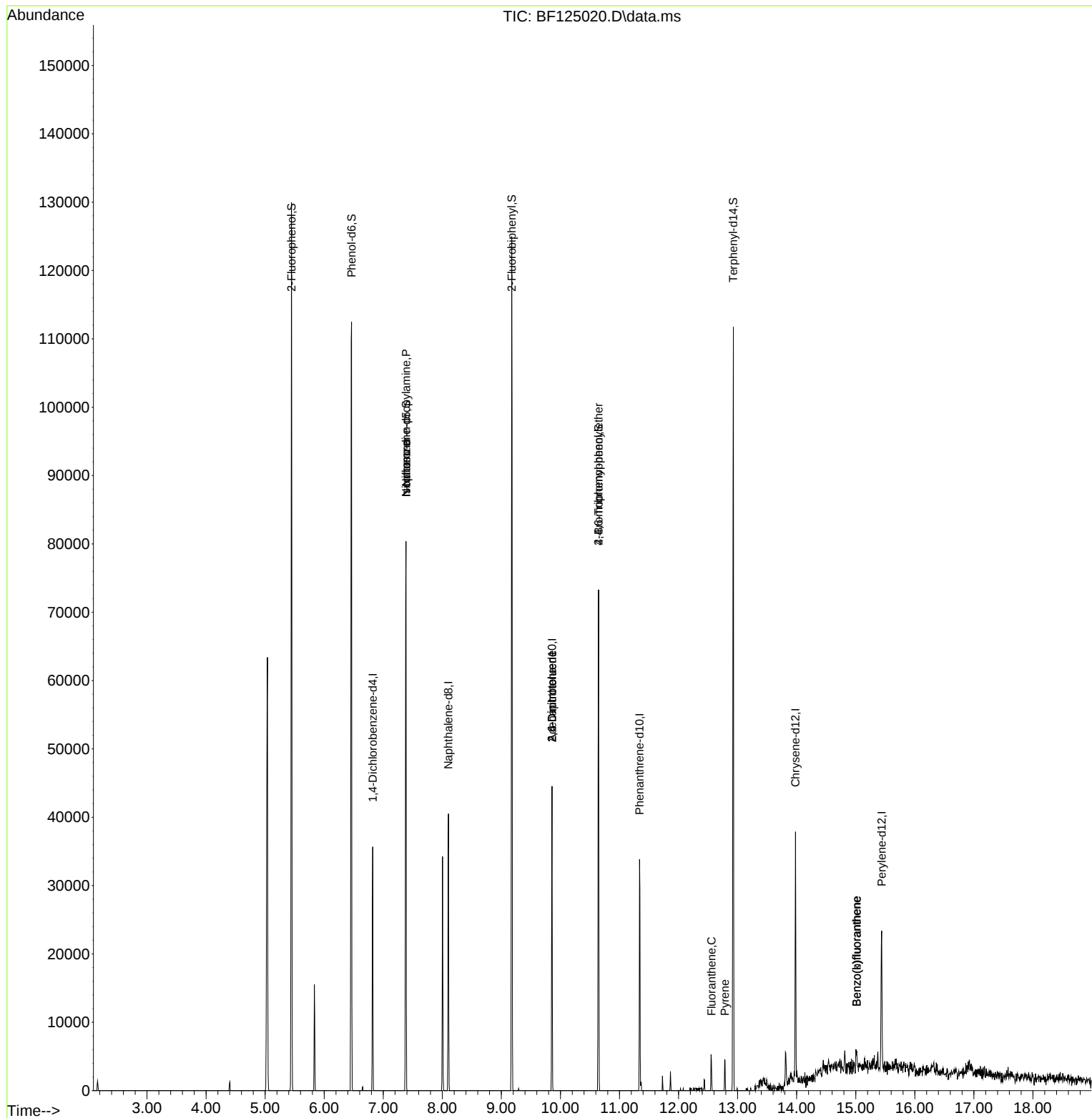
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	5066	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	18157	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	8407	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	13083	20.00	ng	# 0.00
76) Chrysene-d12	13.980	240	12769	20.00	ng	# 0.00
86) Perylene-d12	15.439	264	10250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	31035	100.35	ng	0.00
7) Phenol-d6	6.463	99	36087	92.54	ng	0.00
23) Nitrobenzene-d5	7.387	82	24075	69.36	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	7014	93.39	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	36664	63.81	ng	0.00
79) Terphenyl-d14	12.927	244	36058	47.63	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	3233	13.97	ng	# 62
25) Isophorone	7.387	82	24075	40.64	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	1000	7.88	ng	# 26
57) 2,4-Dinitrotoluene	9.857	165	1000	5.81	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	560	3.91	ng	# 1
75) Fluoranthene	12.557	202	2696	3.67	ng	84
78) Pyrene	12.786	202	2525	2.51	ng	97
88) Benzo(b)fluoranthene	15.015	252	1755	2.44	ng	# 75
89) Benzo(k)fluoranthene	15.015	252	1755	2.68	ng	# 80

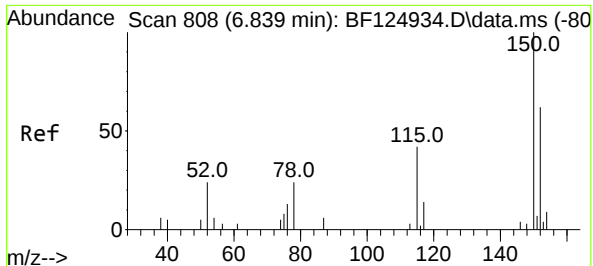
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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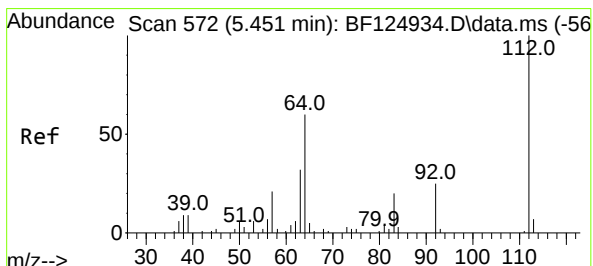
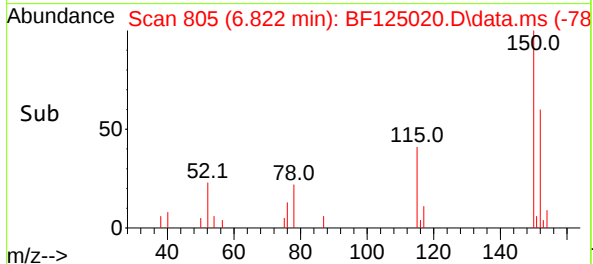
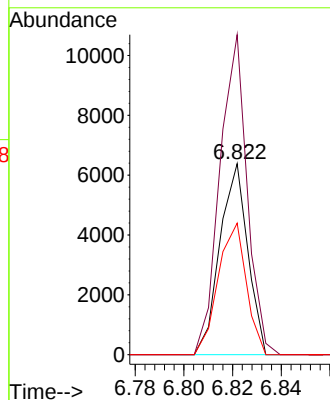
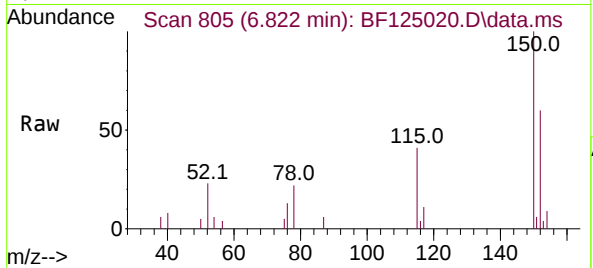




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

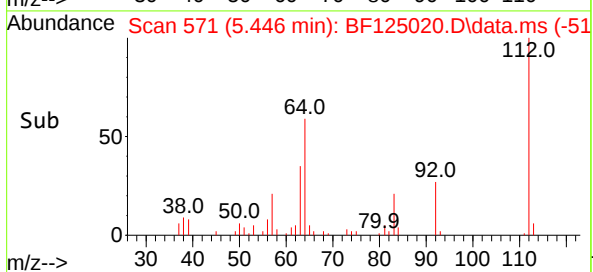
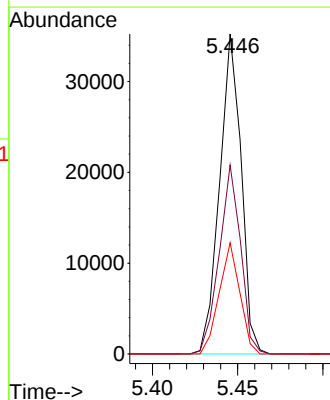
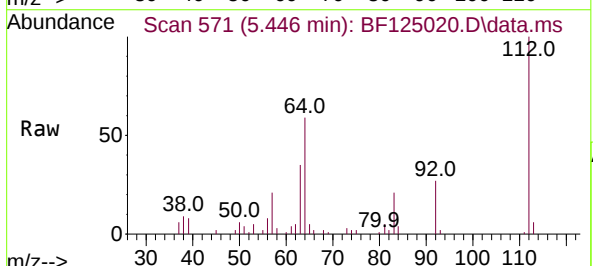
Instrument :
BNA_F
ClientSampleId :
WC-1

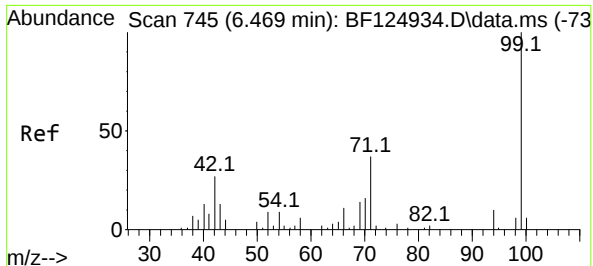
Tgt Ion:152 Resp: 5066
Ion Ratio Lower Upper
152 100
150 167.5 117.6 176.4
115 68.8 47.1 70.7



#5
2-Fluorophenol
Concen: 100.35 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion:112 Resp: 31035
Ion Ratio Lower Upper
112 100
64 59.1 44.2 66.2
63 34.7 26.2 39.2

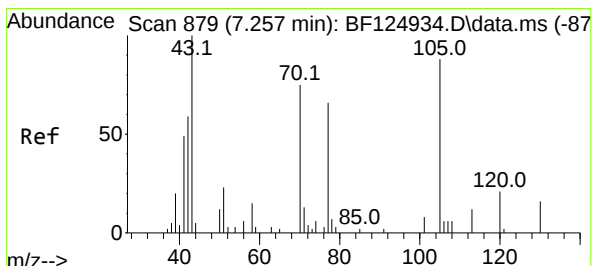
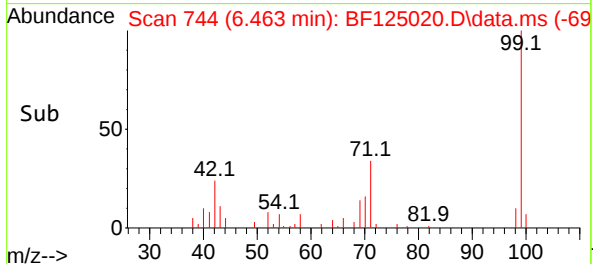
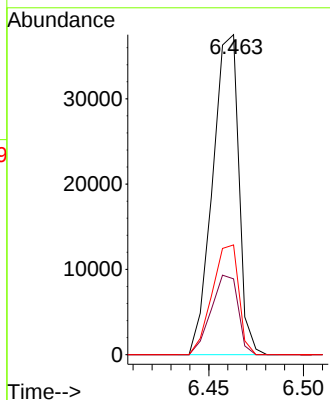
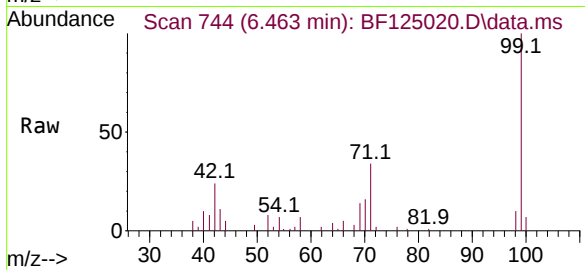




#7
Phenol-d6
Concen: 92.54 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

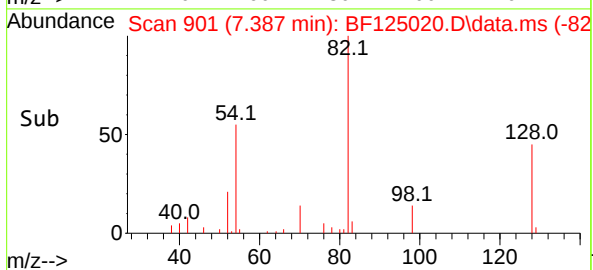
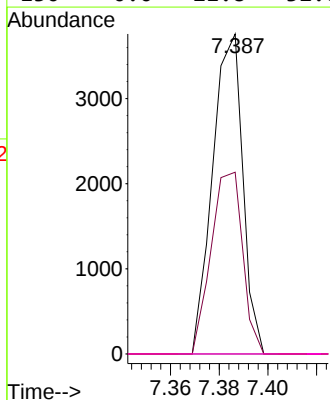
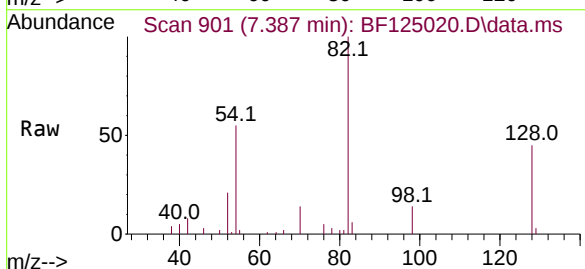
Instrument :
BNA_F
ClientSampled :
WC-1

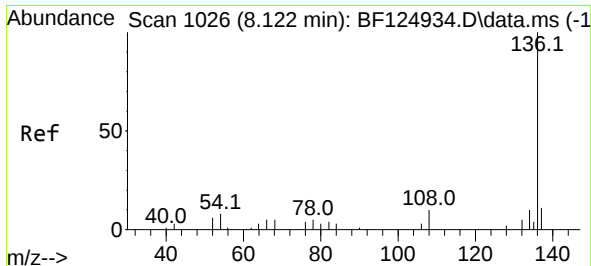
Tgt Ion: 99 Resp: 36087
Ion Ratio Lower Upper
99 100
42 23.7 23.5 35.3
71 34.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.97 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion: 70 Resp: 3233
Ion Ratio Lower Upper
70 100
42 56.8 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

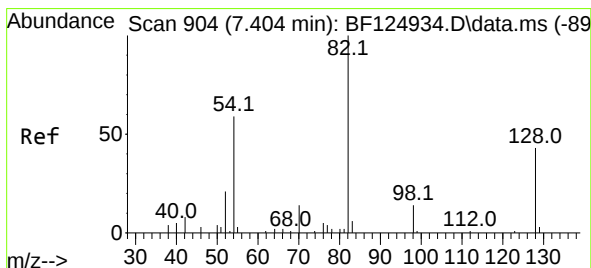
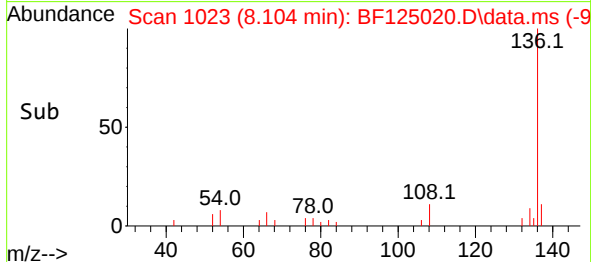
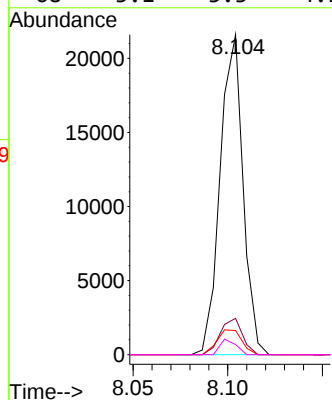
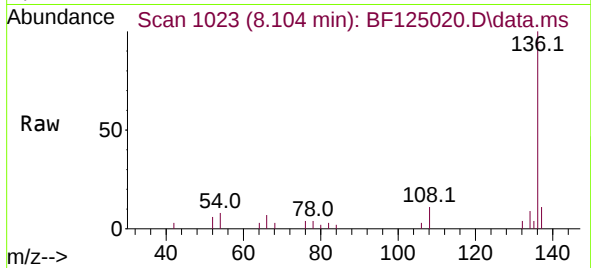




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

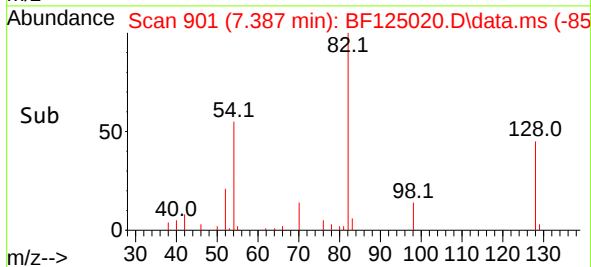
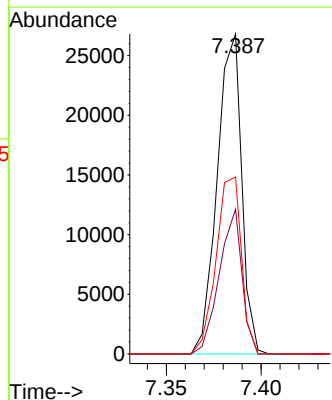
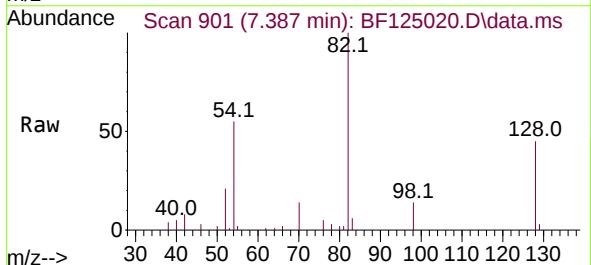
Instrument :
BNA_F
ClientSampleId :
WC-1

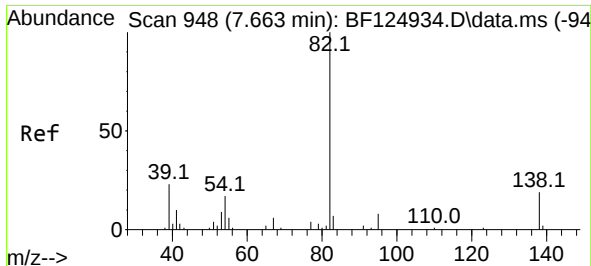
Tgt Ion:136	Resp:	18157
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.8 14.6
54	7.5	6.4 9.6
68	3.1	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 69.36 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion: 82	Resp:	24075
Ion Ratio	Lower	Upper
82	100	
128	45.2	40.6 60.8
54	55.3	49.6 74.4

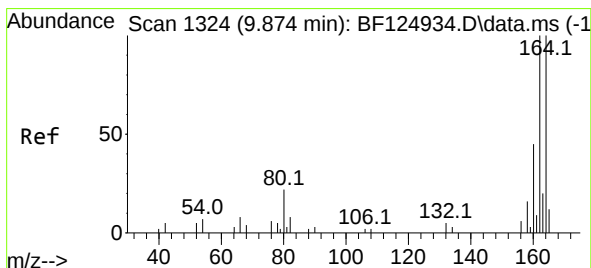
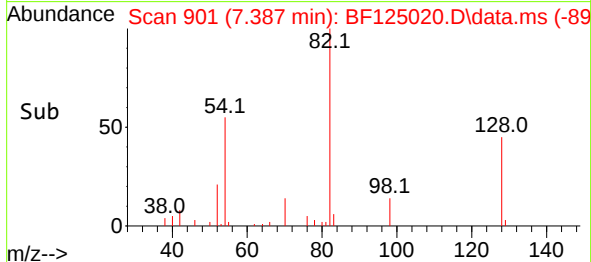
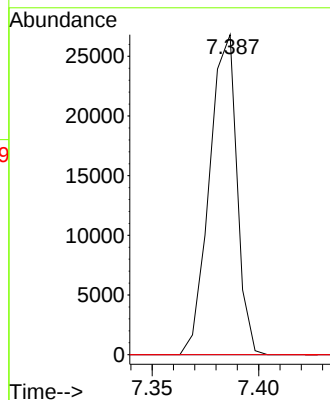
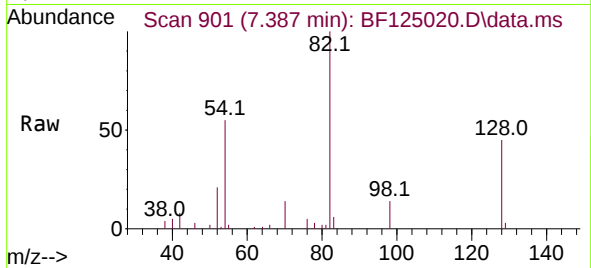




#25
Isophorone
Concen: 40.64 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

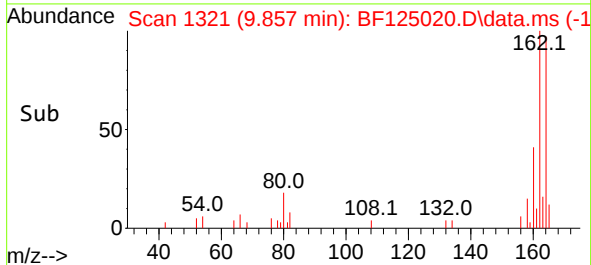
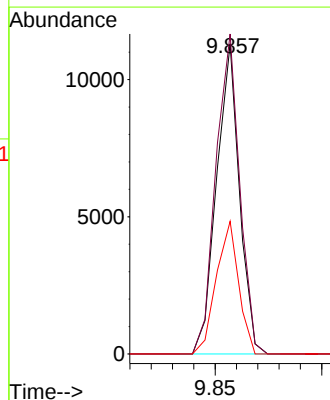
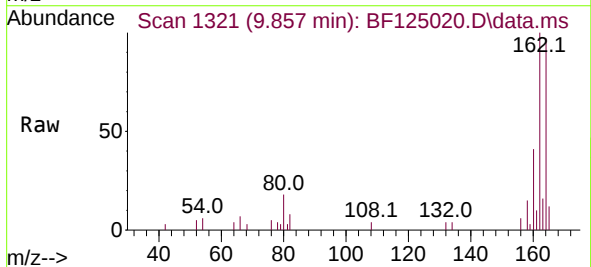
Instrument :
BNA_F
ClientSampleId :
WC-1

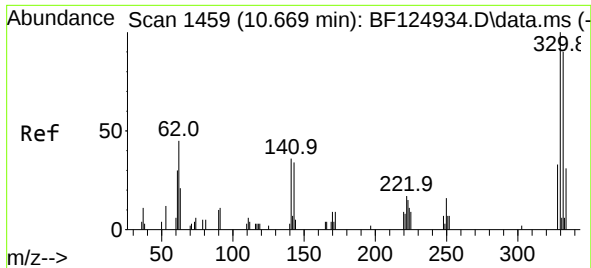
Tgt Ion: 82 Resp: 24075
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion: 164 Resp: 8407
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 42.7 38.0 57.0

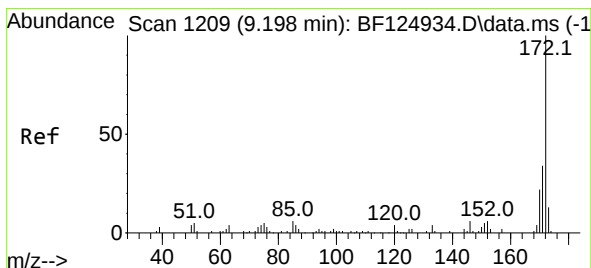
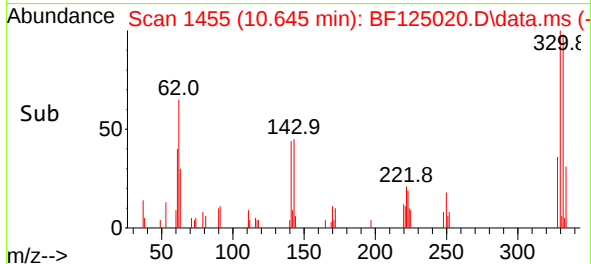
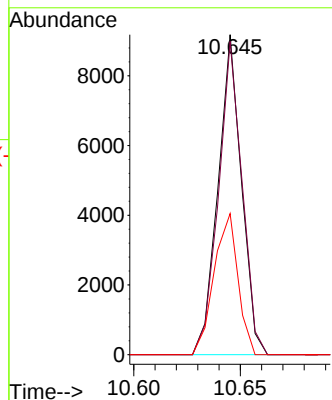
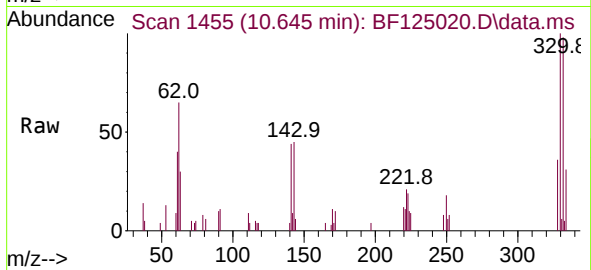




#42
2,4,6-Tribromophenol
Concen: 93.39 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

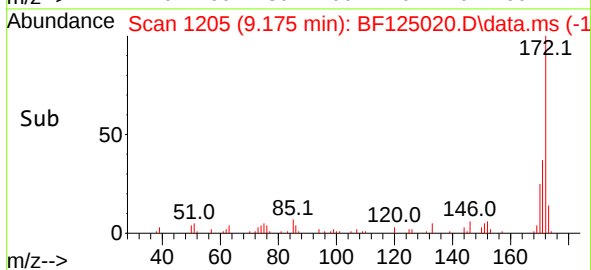
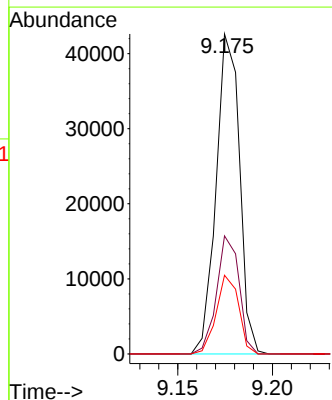
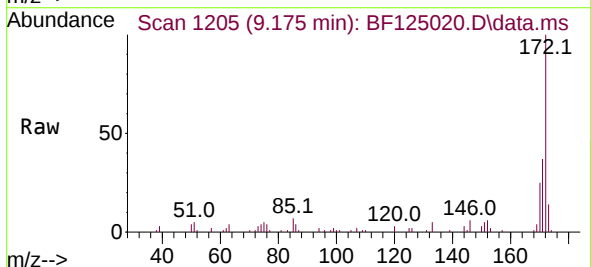
Instrument :
BNA_F
ClientSampleId :
WC-1

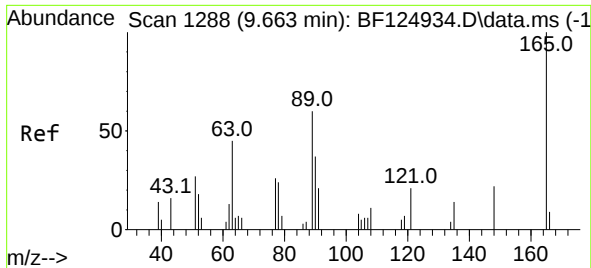
Tgt Ion: 330 Resp: 7014
Ion Ratio Lower Upper
330 100
332 98.3 76.2 114.4
141 45.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 63.81 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion: 172 Resp: 36664
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.6 18.8 28.2

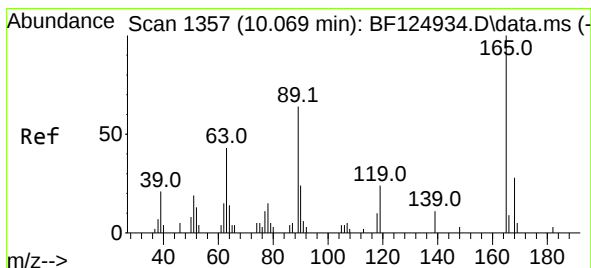
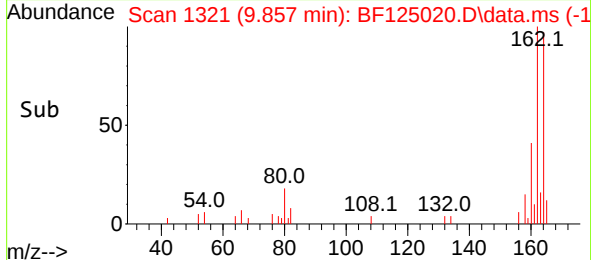
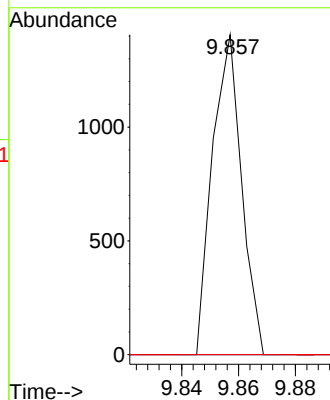
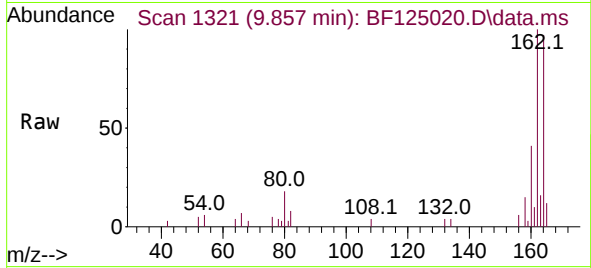




#51
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

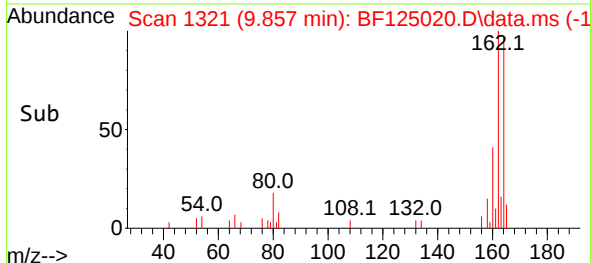
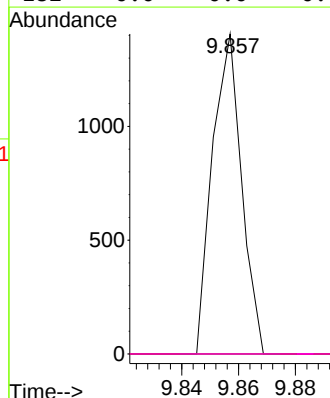
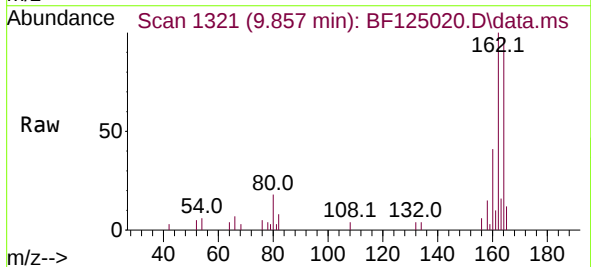
Instrument :
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ClientSampled :
WC-1

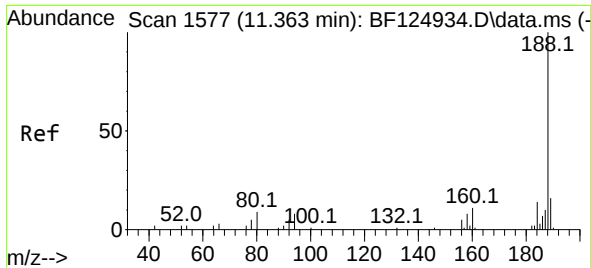
Tgt Ion:165 Resp: 1000
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion:165 Resp: 1000
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

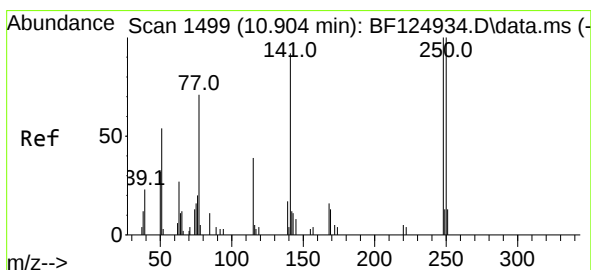
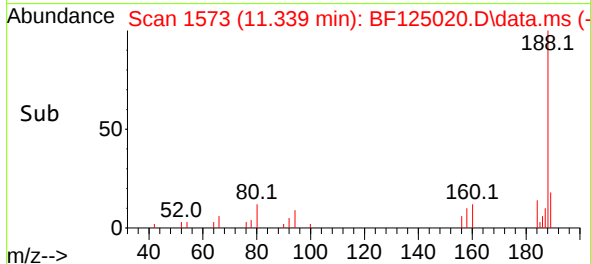
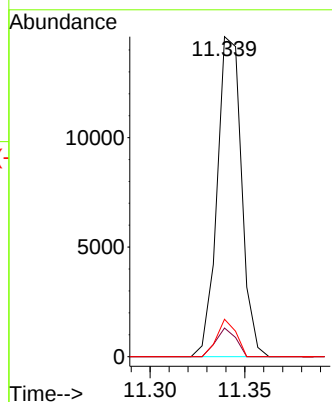
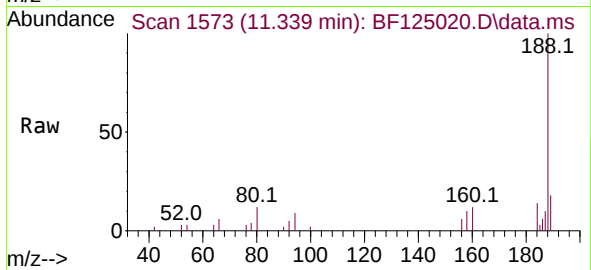




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

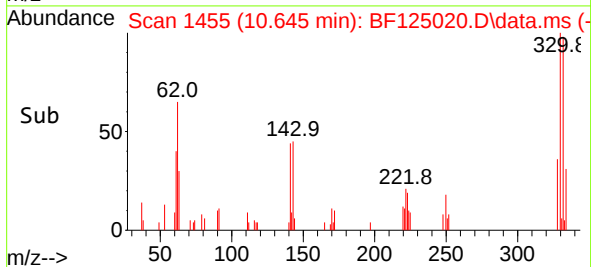
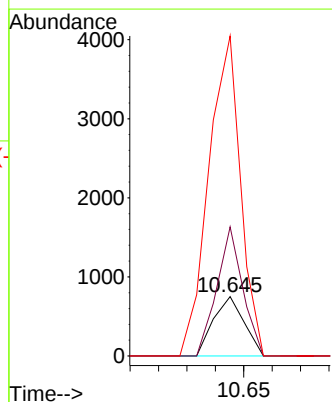
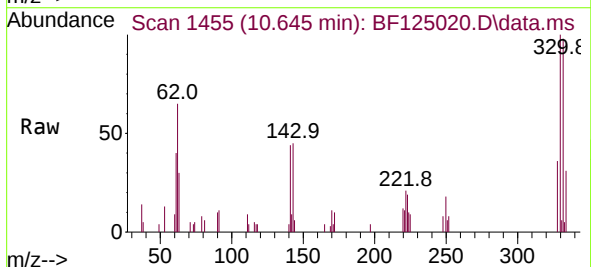
Instrument :
BNA_F
ClientSampled :
WC-1

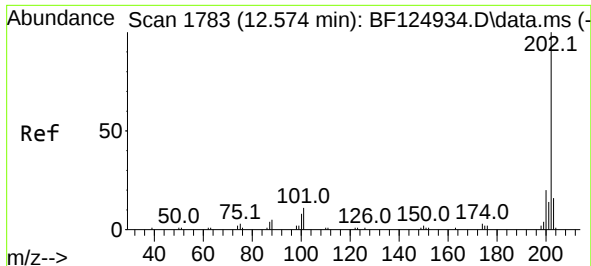
Tgt Ion:188 Resp: 13083
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 11.7 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

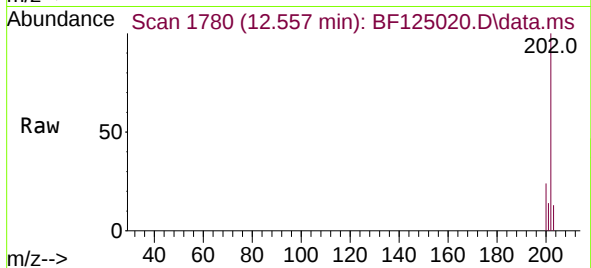
Tgt Ion:248 Resp: 560
Ion Ratio Lower Upper
248 100
250 217.2 74.2 111.4#
141 538.2 60.4 90.6#



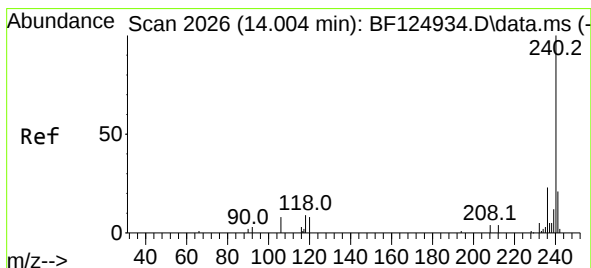
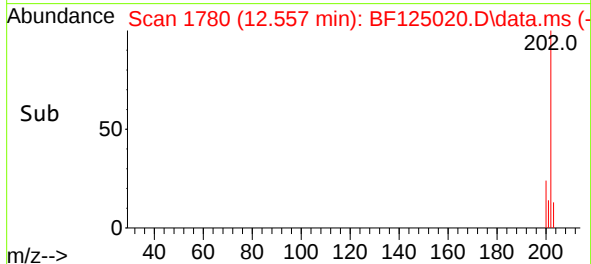
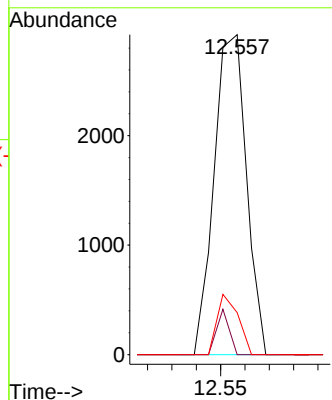


#75
Fluoranthene
Concen: 3.67 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Instrument :
BNA_F
ClientSampled :
WC-1

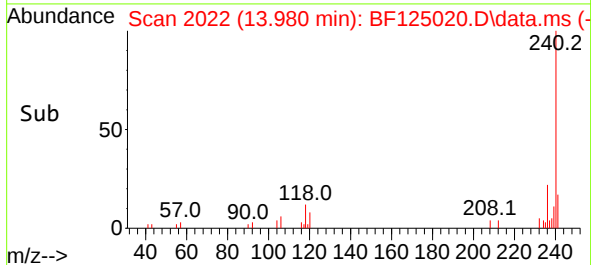
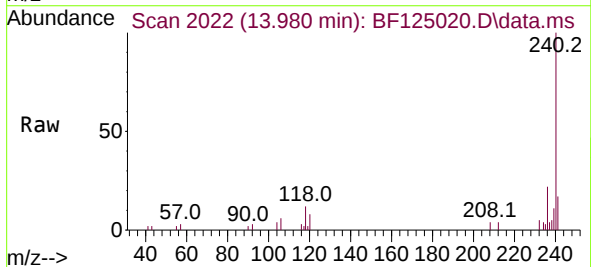
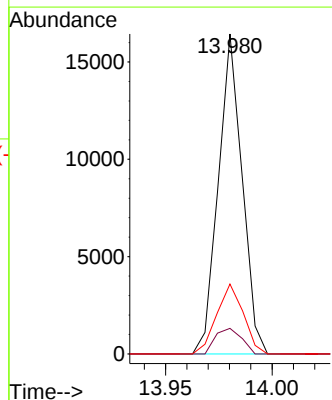


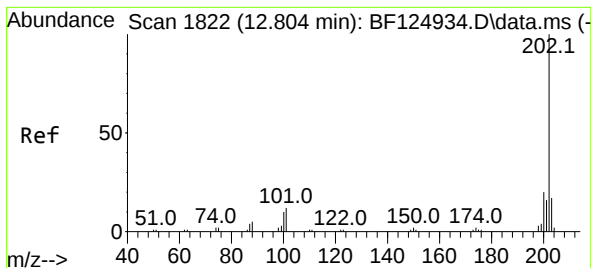
Tgt Ion:202 Resp: 2696
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.7
203 13.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125020.D
Acq: 10 Aug 2021 1:23

Tgt Ion:240 Resp: 12769
Ion Ratio Lower Upper
240 100
120 8.0 10.8 16.2#
236 21.8 21.6 32.4





#78

Pyrene

Concen: 2.51 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF125020.D

Acq: 10 Aug 2021 1:23

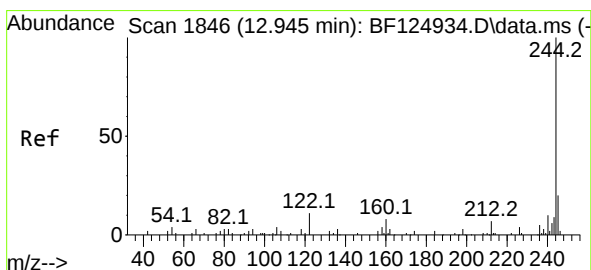
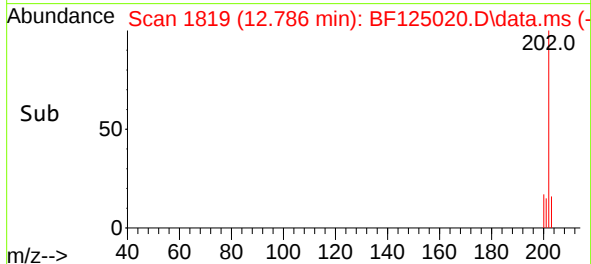
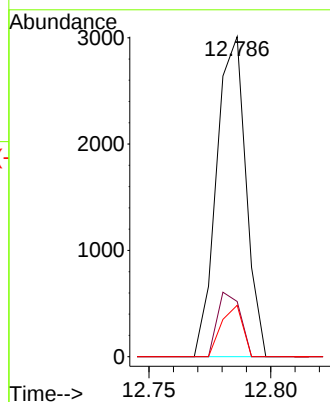
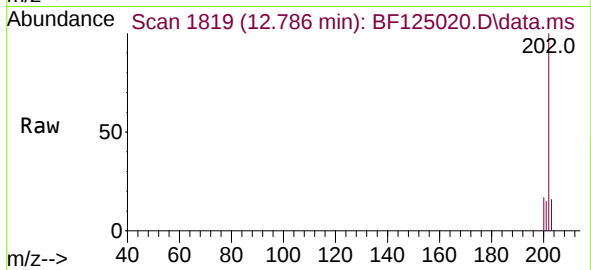
Tgt Ion:202 Resp: 2525

Ion Ratio Lower Upper

202 100

200 17.2 15.3 22.9

203 16.1 13.4 20.0



#79

Terphenyl-d14

Concen: 47.63 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF125020.D

Acq: 10 Aug 2021 1:23

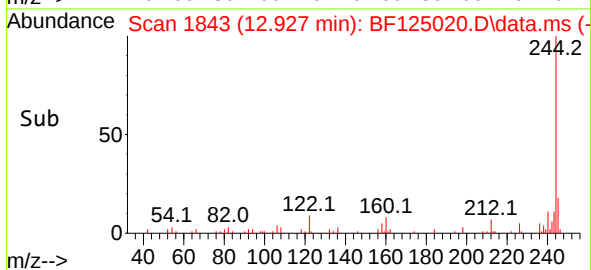
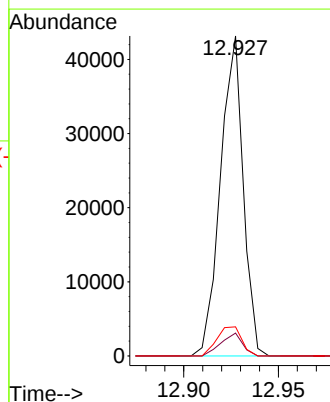
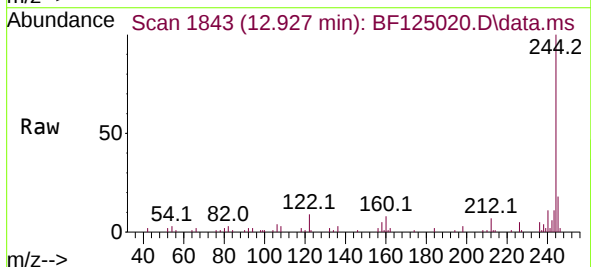
Tgt Ion:244 Resp: 36058

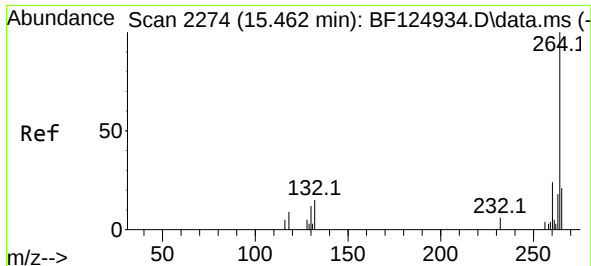
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 9.1 9.0 13.4

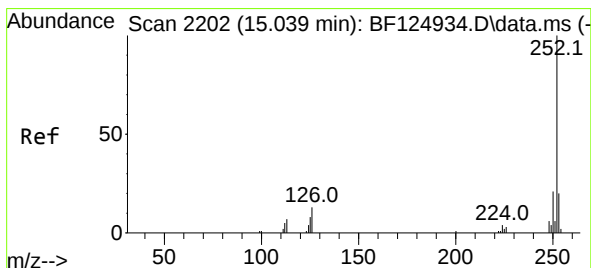
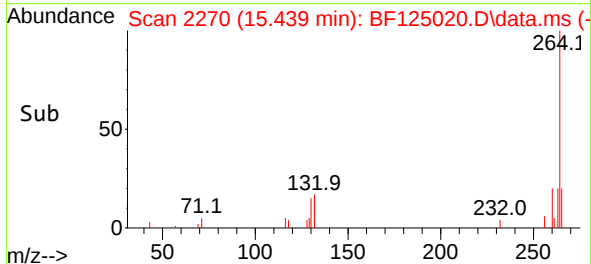
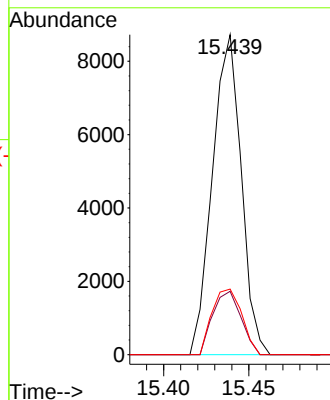
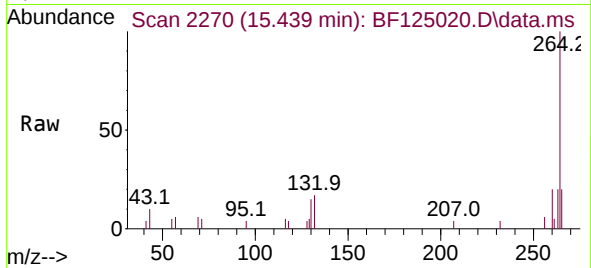




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF125020.D
 Acq: 10 Aug 2021 1:23

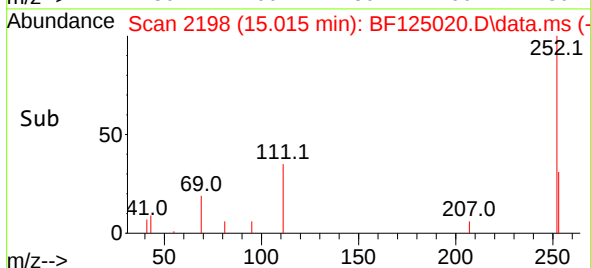
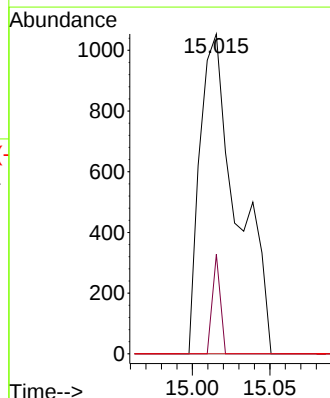
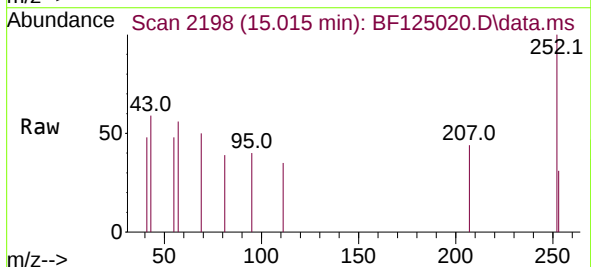
Instrument :
 BNA_F
 ClientSampled :
 WC-1

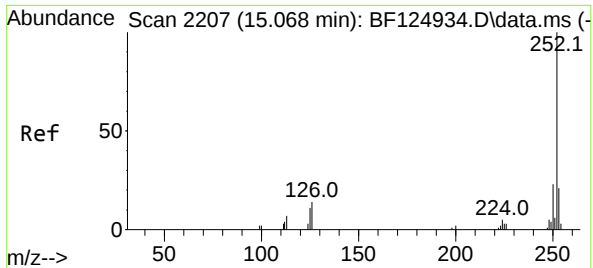
Tgt Ion:264	Resp:	10250
Ion Ratio	Lower	Upper
264	100	
260	19.8	19.6 29.4
265	20.5	17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 2.44 ng
 RT: 15.015 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BF125020.D
 Acq: 10 Aug 2021 1:23

Tgt Ion:252	Resp:	1755
Ion Ratio	Lower	Upper
252	100	
253	31.1	16.8 25.2#
125	0.0	9.8 14.8#





#89
 Benzo(k)fluoranthene
 Concen: 2.68 ng
 RT: 15.015 min Scan# 2198
 Delta R.T. -0.029 min
 Lab File: BF125020.D
 Acq: 10 Aug 2021 1:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:252	Resp:	1755
Ion Ratio	Lower	Upper
252	100	
253	31.1	17.8 26.8#
125	0.0	7.2 10.8#

