

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125048.D
 Acq On : 11 Aug 2021 00:57
 Operator : JU/CG
 Sample : M3291-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 11 04:17:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

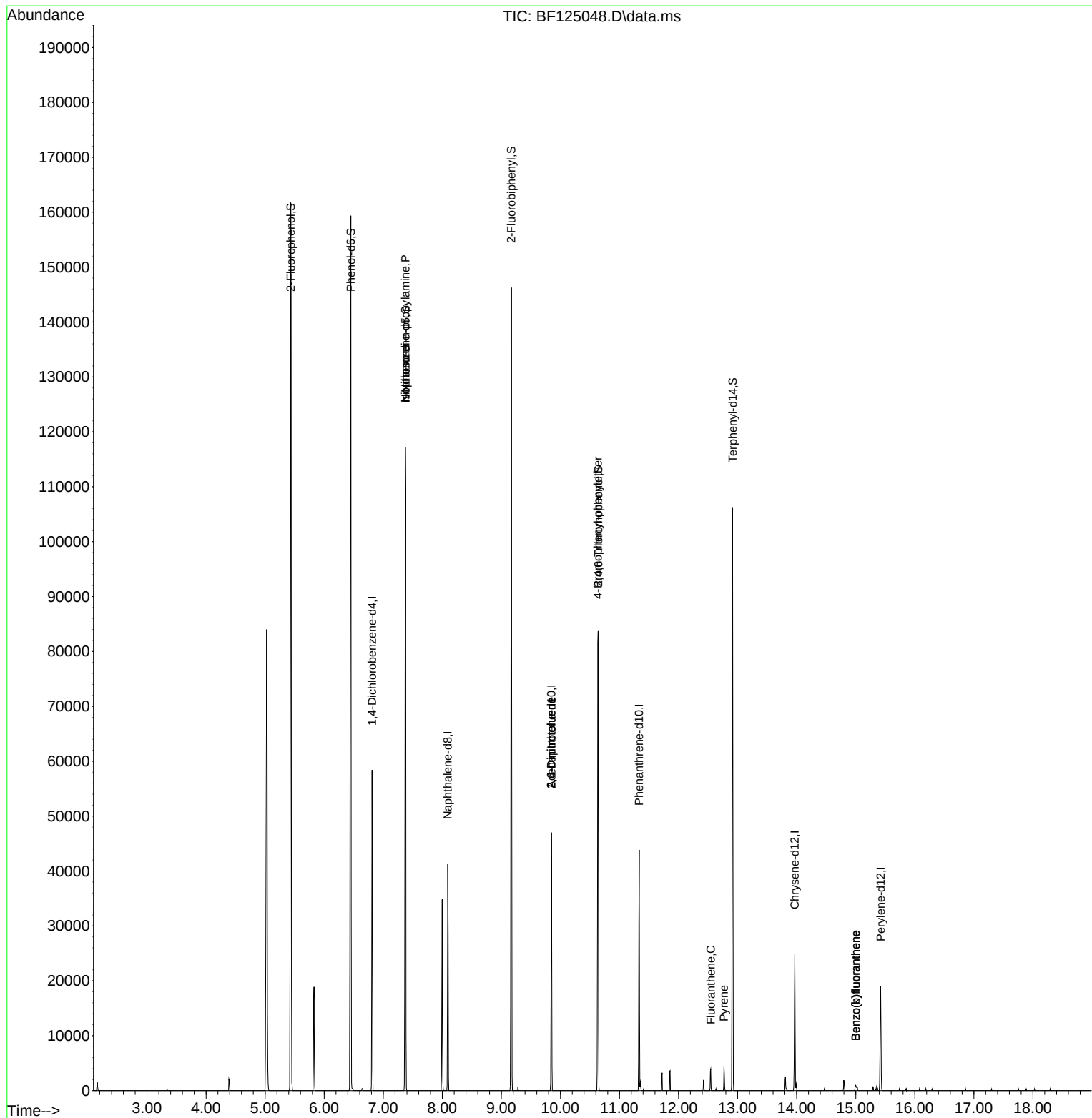
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	7680	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	15754	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	9394	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	15236	20.000	ng	0.00
76) Chrysene-d12	13.968	240	9184	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	10172	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	44294	94.477	ng	0.00
7) Phenol-d6	6.451	99	51644	87.360	ng	0.00
23) Nitrobenzene-d5	7.375	82	36473	121.112	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	9221	109.871	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	37353	58.182	ng	0.00
79) Terphenyl-d14	12.916	244	32946	60.512	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	4947	14.103	ng	# 71
25) Isophorone	7.375	82	36472	70.959	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	1104	7.788	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1104	5.736	ng	# 18
67) 4-Bromophenyl-phenylether	10.633	248	555	3.326	ng	# 1
75) Fluoranthene	12.545	202	2168	2.536	ng	86
78) Pyrene	12.768	202	2165	2.993	ng	94
88) Benzo(b)fluoranthene	14.998	252	1839	2.575	ng	# 60
89) Benzo(k)fluoranthene	14.998	252	1839	2.830	ng	# 60

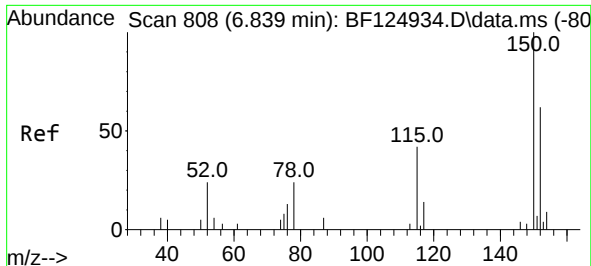
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
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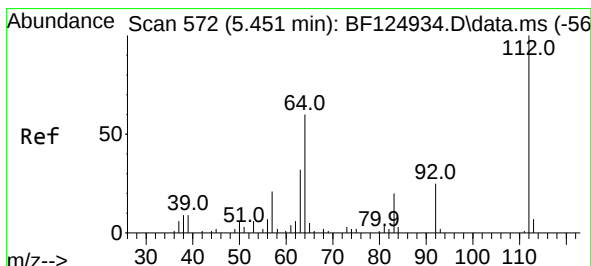
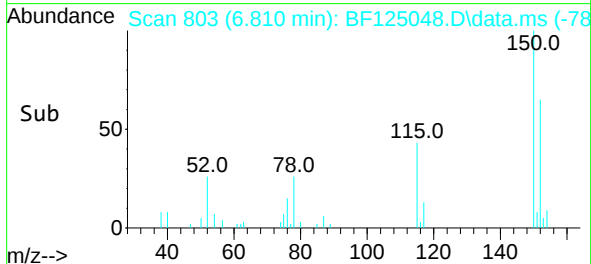
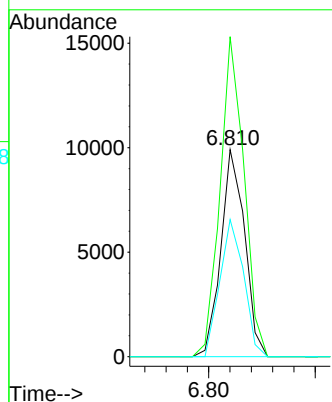
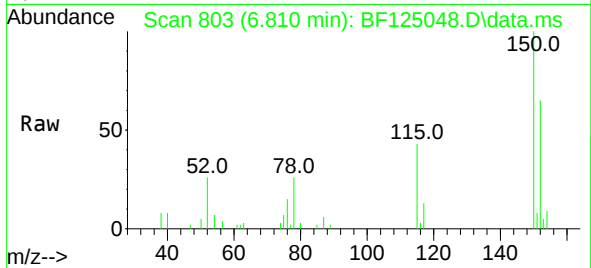




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

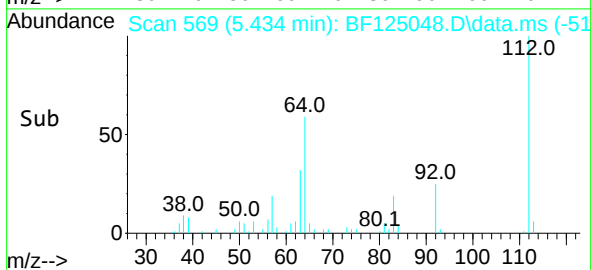
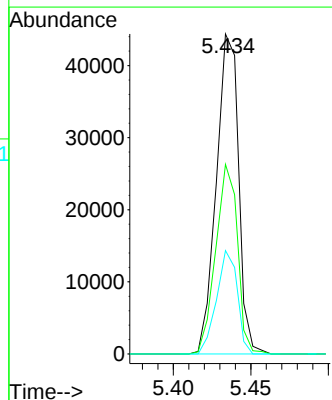
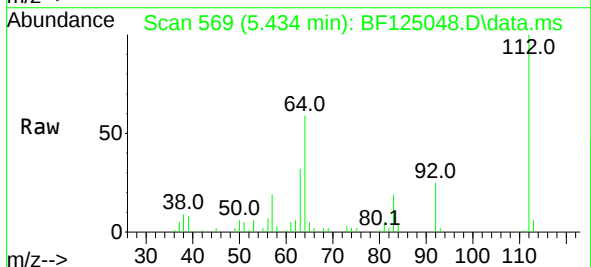
Instrument :
BNA_F
ClientSampled :
WC-1

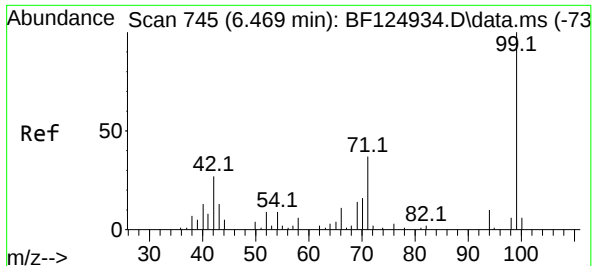
Tgt Ion:152 Resp: 7680
Ion Ratio Lower Upper
152 100
150 154.5 117.6 176.4
115 66.2 47.1 70.7



#5
2-Fluorophenol
Concen: 94.477 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion:112 Resp: 44294
Ion Ratio Lower Upper
112 100
64 59.2 44.2 66.2
63 32.3 26.2 39.2

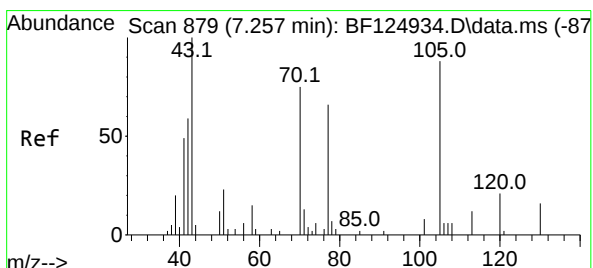
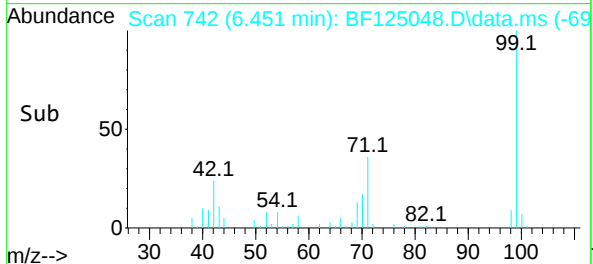
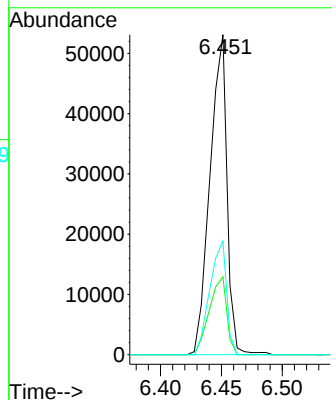
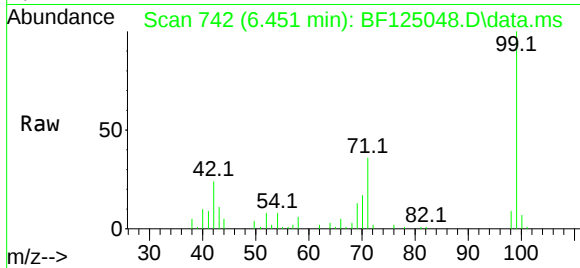




#7
Phenol-d6
Concen: 87.360 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

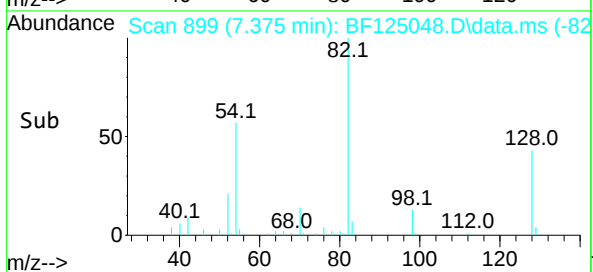
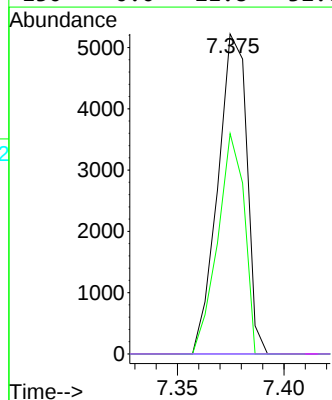
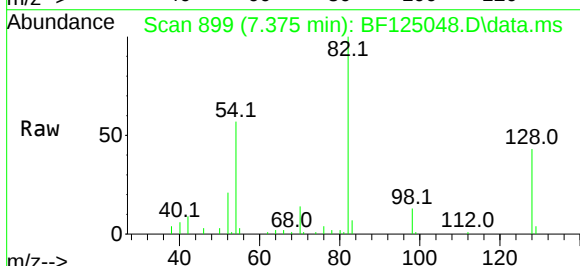
Instrument :
BNA_F
ClientSampled :
WC-1

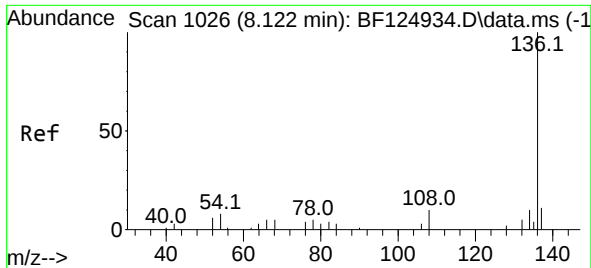
Tgt Ion:	99	Resp:	51644
Ion	Ratio	Lower	Upper
99	100		
42	24.3	23.5	35.3
71	35.5	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.103 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion:	70	Resp:	4947
Ion	Ratio	Lower	Upper
70	100		
42	68.8	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

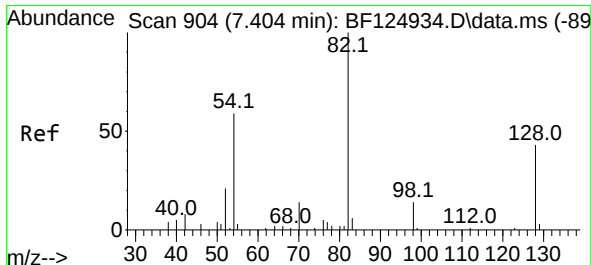
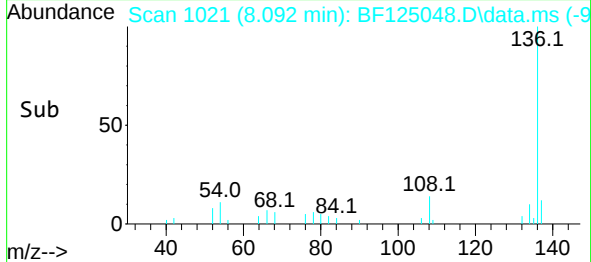
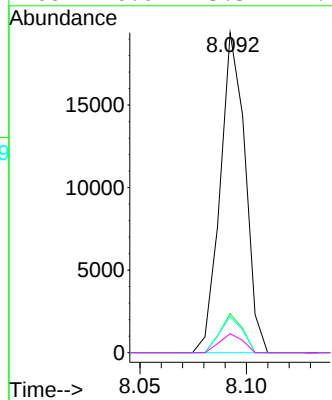
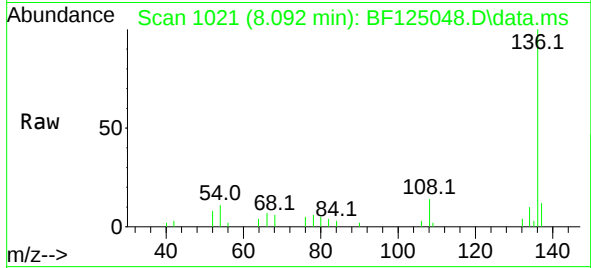




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

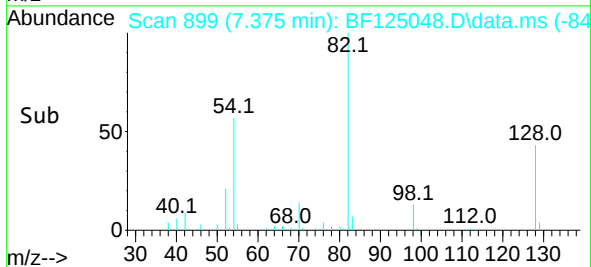
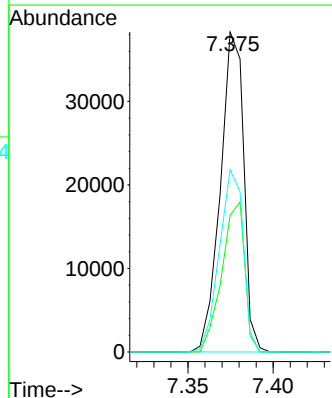
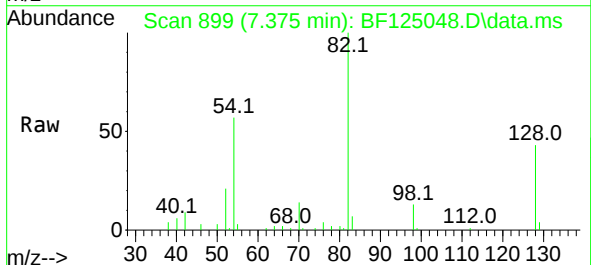
Instrument :
BNA_F
ClientSampled :
WC-1

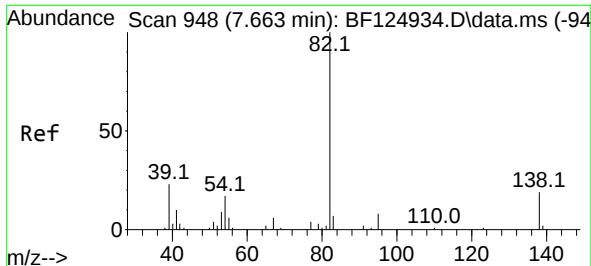
Tgt Ion:136	Resp:	15754
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.8 14.6
54	11.3	6.4 9.6#
68	6.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 121.112 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion: 82	Resp:	36473
Ion Ratio	Lower	Upper
82	100	
128	42.8	40.6 60.8
54	56.9	49.6 74.4

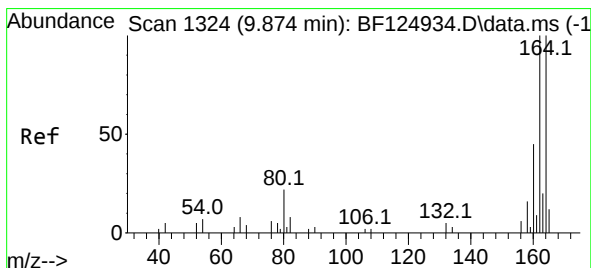
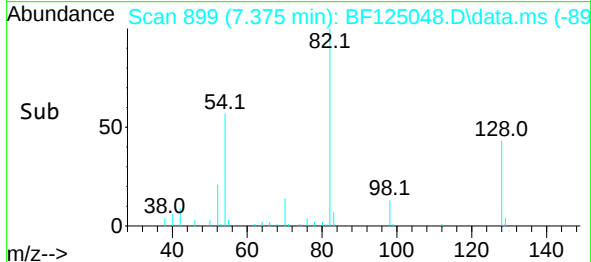
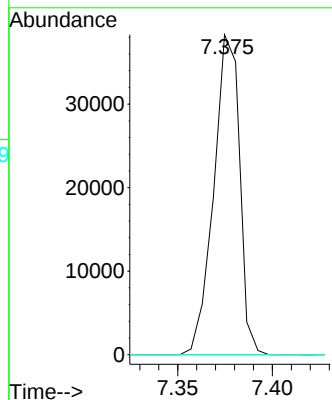
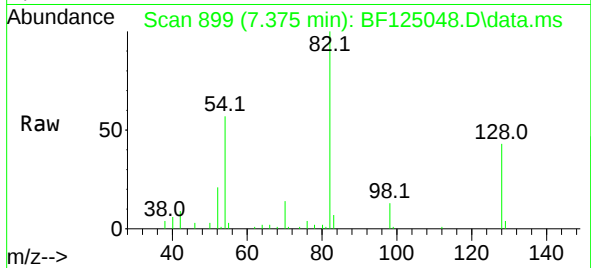




#25
Isophorone
Concen: 70.959 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

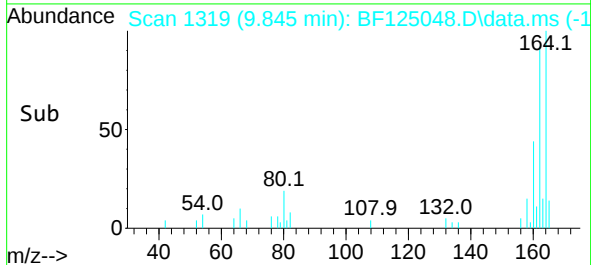
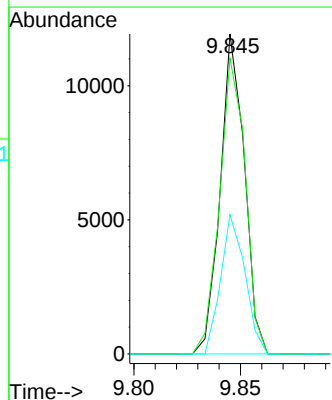
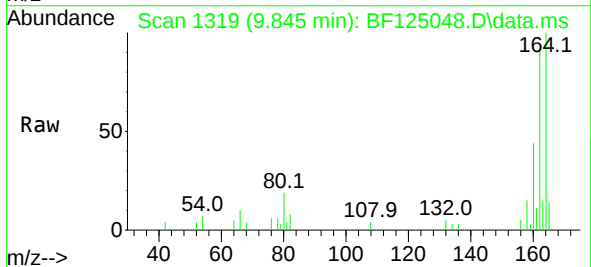
Instrument :
BNA_F
ClientSampled :
WC-1

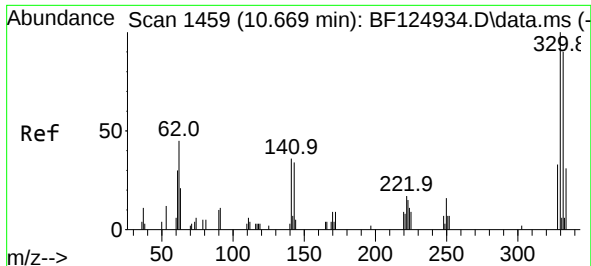
Tgt Ion: 82 Resp: 36472
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion:164 Resp: 9394
Ion Ratio Lower Upper
164 100
162 92.5 81.3 121.9
160 43.5 38.0 57.0

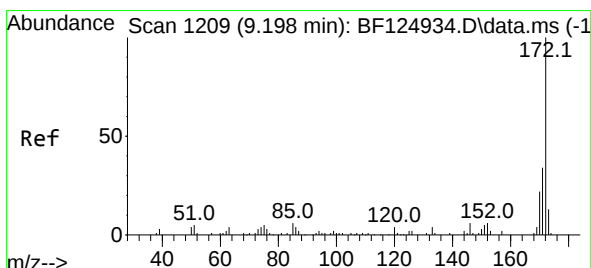
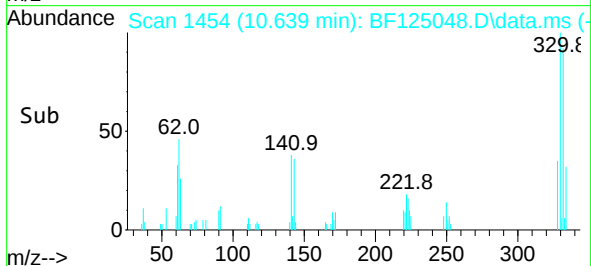
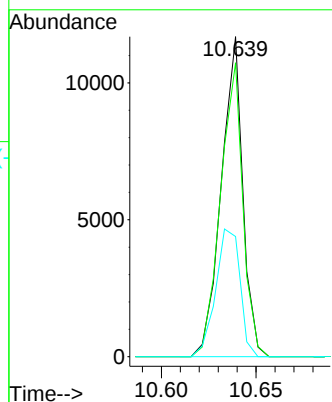
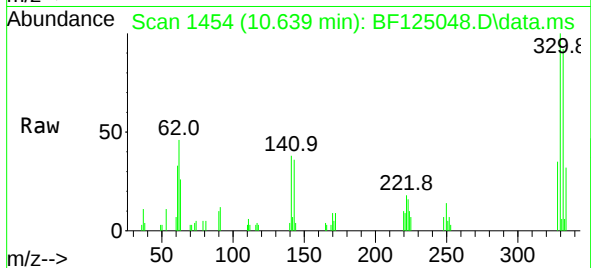




#42
2,4,6-Tribromophenol
Concen: 109.871 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

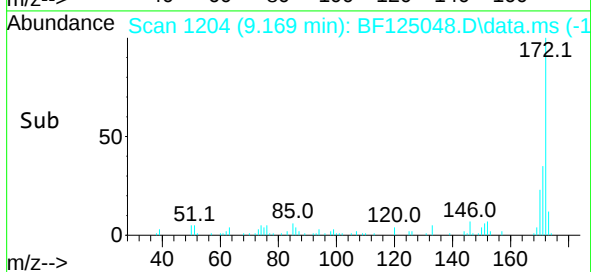
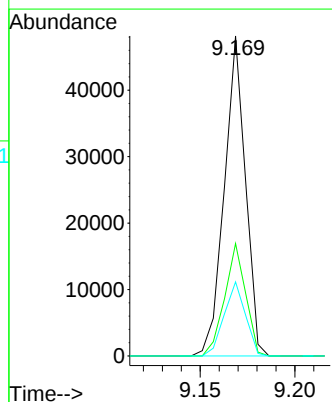
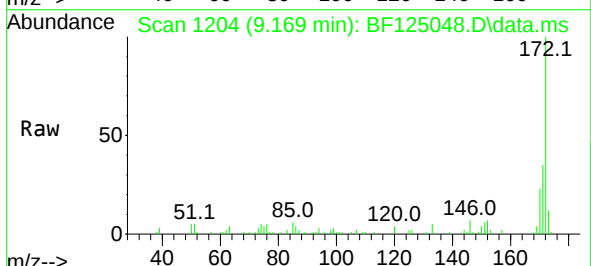
Instrument :
BNA_F
ClientSampled :
WC-1

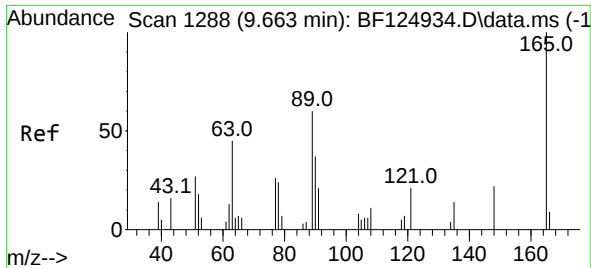
Tgt Ion: 330 Resp: 9221
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 45.2 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 58.182 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion: 172 Resp: 37353
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.2 18.8 28.2

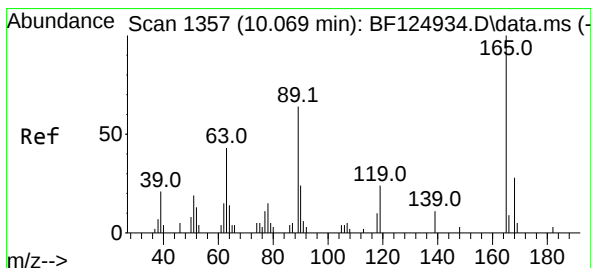
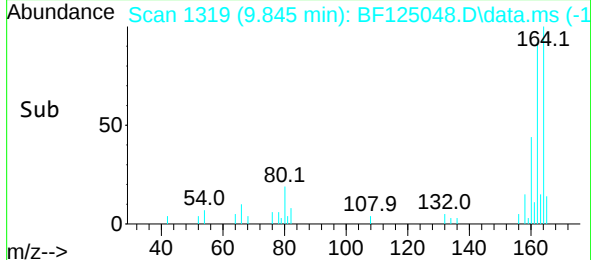
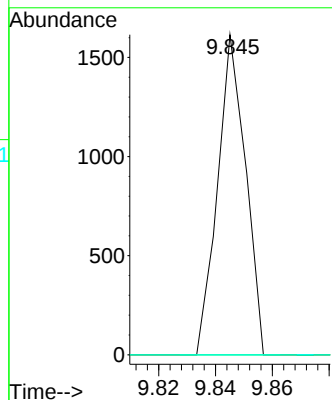
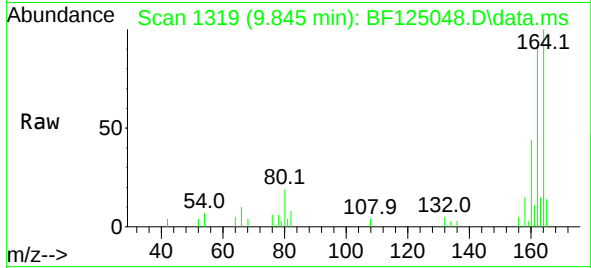




#51
2,6-Dinitrotoluene
Concen: 7.788 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

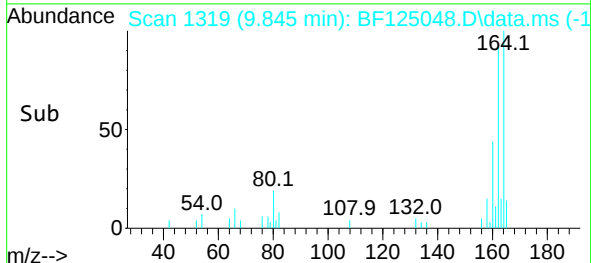
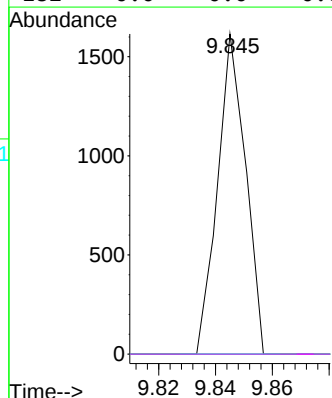
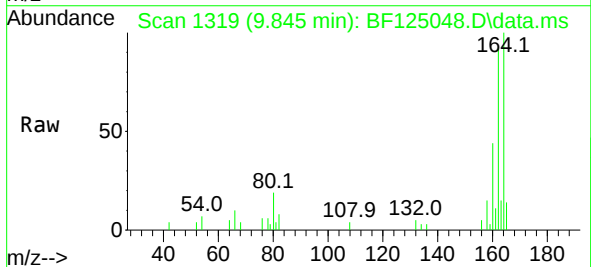
Instrument :
BNA_F
ClientSampled :
WC-1

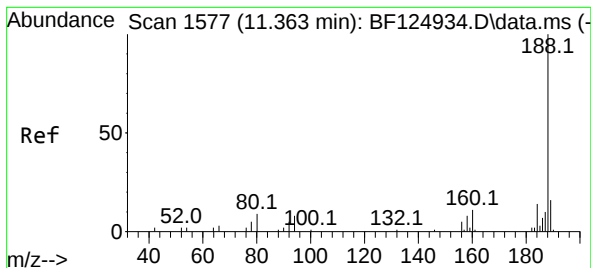
Tgt Ion:165 Resp: 1104
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.736 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion:165 Resp: 1104
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

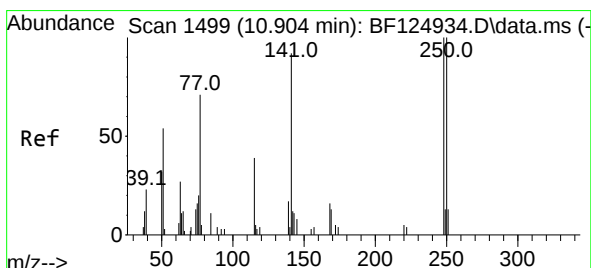
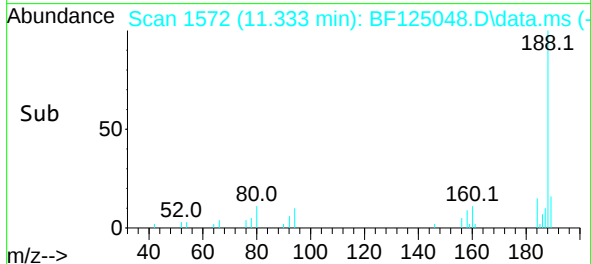
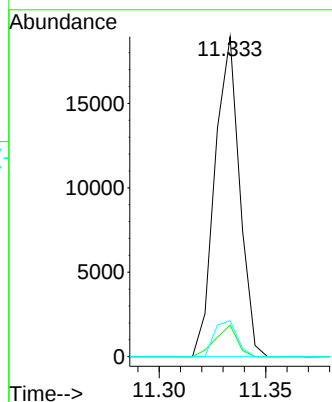
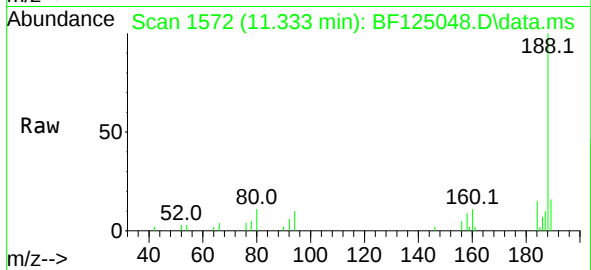




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

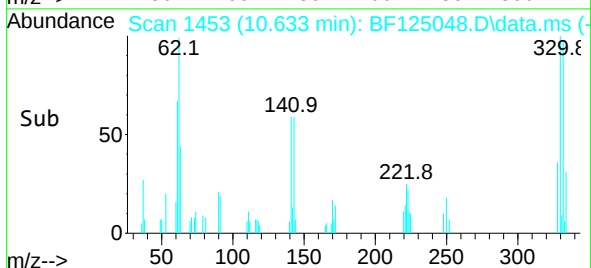
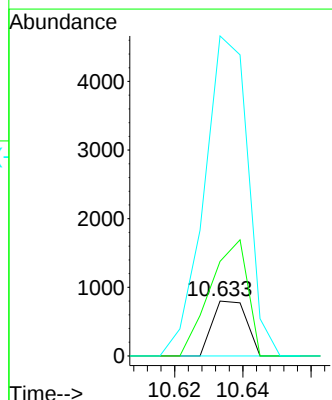
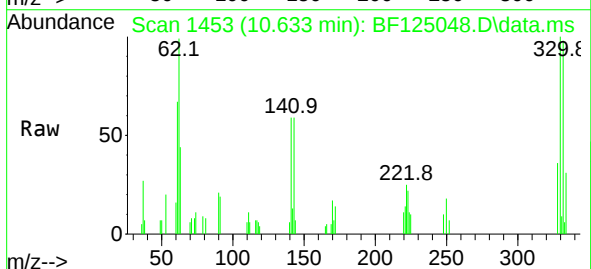
Instrument :
BNA_F
ClientSampled :
WC-1

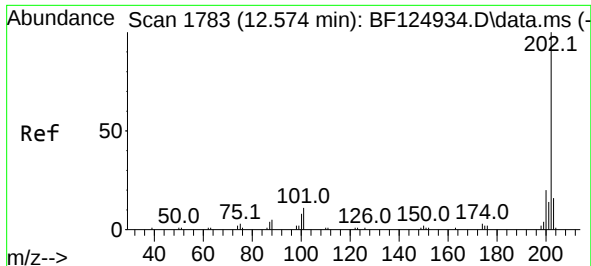
Tgt Ion:188 Resp: 15236
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 11.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.326 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.247 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion:248 Resp: 555
Ion Ratio Lower Upper
248 100
250 172.1 74.2 111.4#
141 582.9 60.4 90.6#

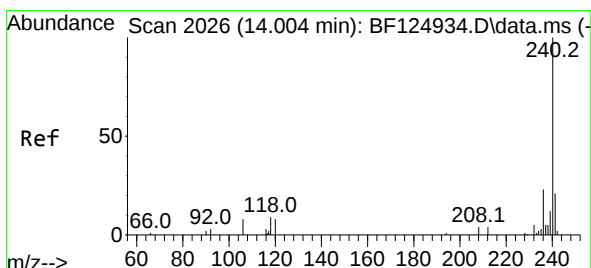
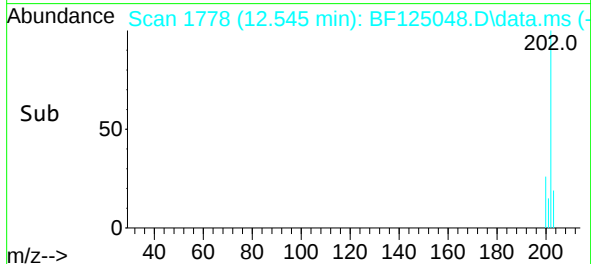
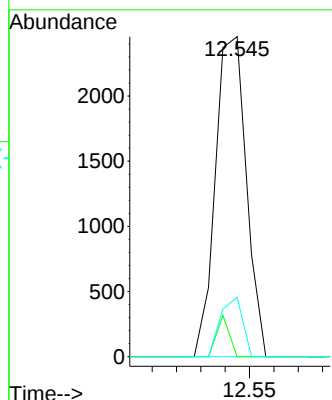
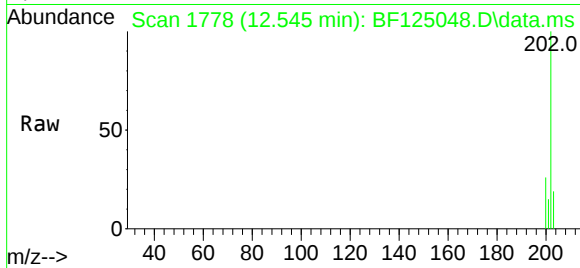




#75
Fluoranthene
Concen: 2.536 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

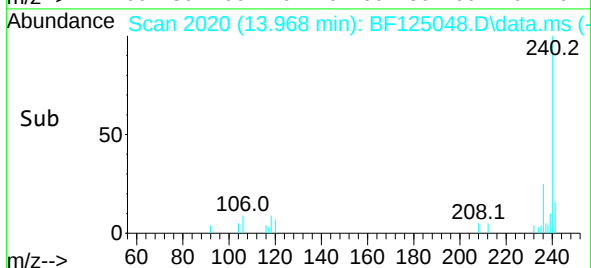
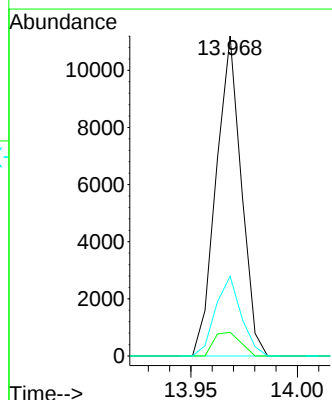
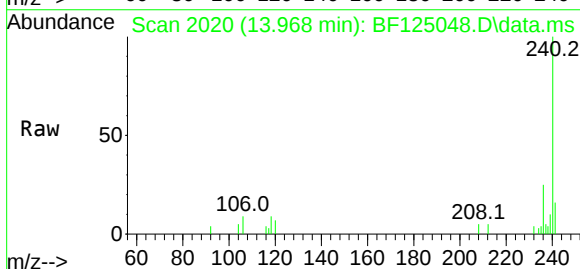
Instrument :
BNA_F
ClientSampled :
WC-1

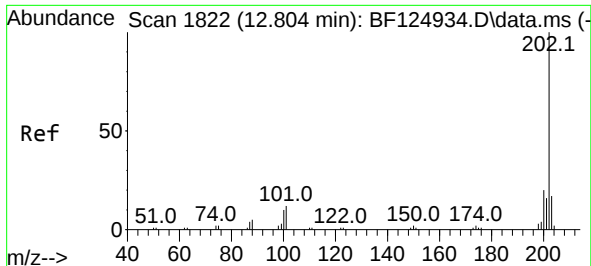
Tgt Ion:	202	Resp:	2168
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	30.7
203	18.5	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion:	240	Resp:	9184
Ion Ratio	Lower	Upper	
240	100		
120	7.4	10.8	16.2#
236	24.9	21.6	32.4

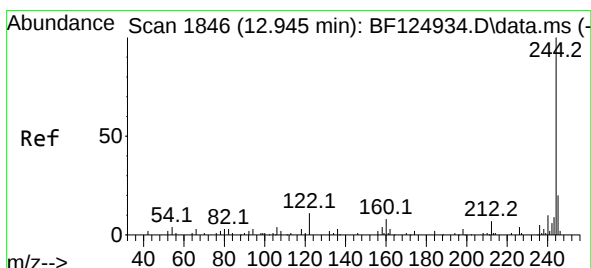
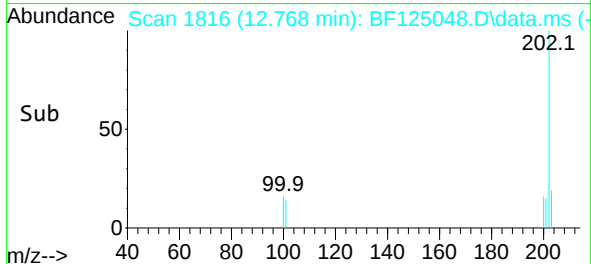
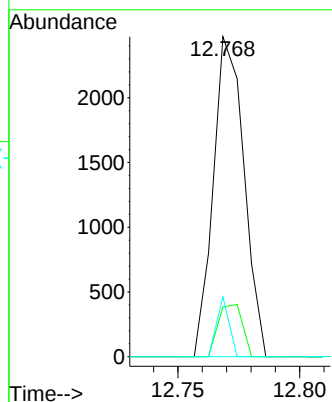
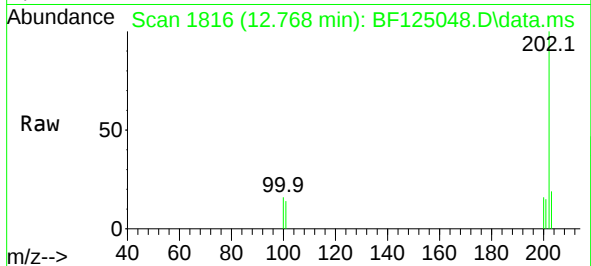




#78
Pyrene
Concen: 2.993 ng
RT: 12.768 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

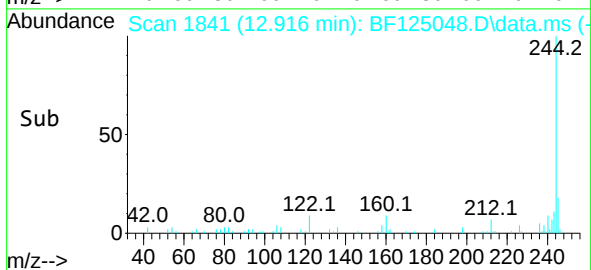
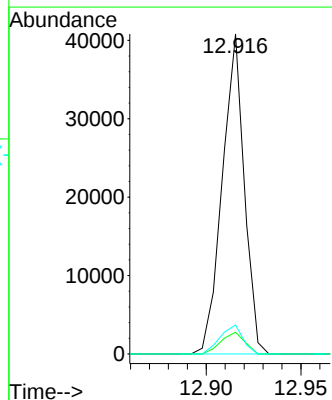
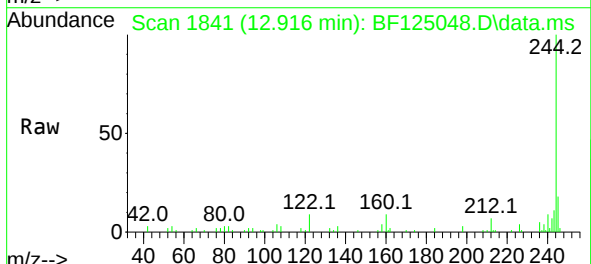
Instrument :
BNA_F
ClientSampled :
WC-1

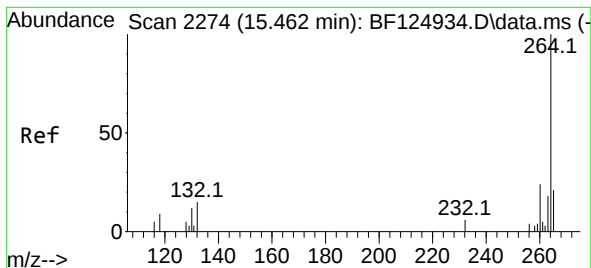
Tgt Ion:	202	Resp:	2165
Ion Ratio	Lower	Upper	
202	100		
200	15.5	15.3	22.9
203	18.7	13.4	20.0



#79
Terphenyl-d14
Concen: 60.512 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF125048.D
Acq: 11 Aug 2021 00:57

Tgt Ion:	244	Resp:	32946
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.9	8.9
122	9.1	9.0	13.4

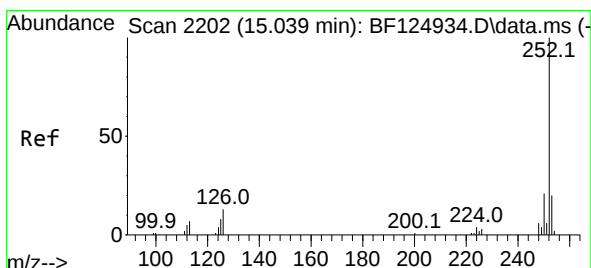
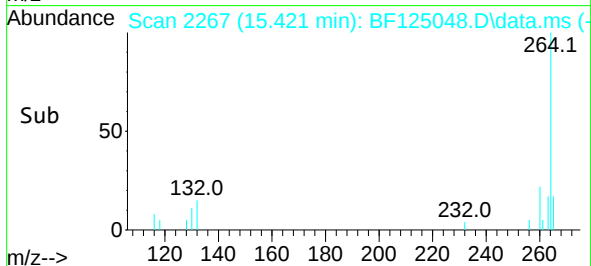
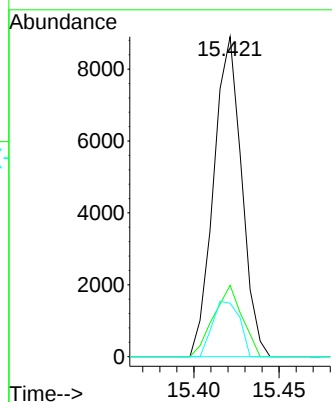
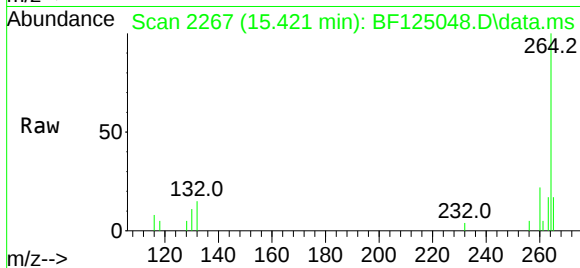




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF125048.D
 Acq: 11 Aug 2021 00:57

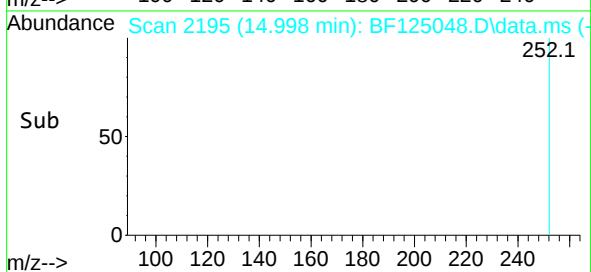
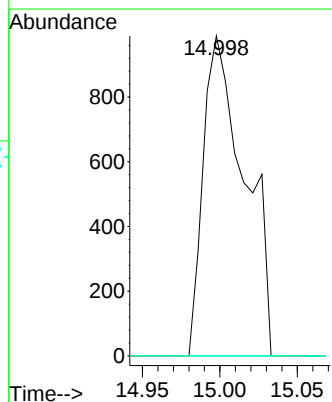
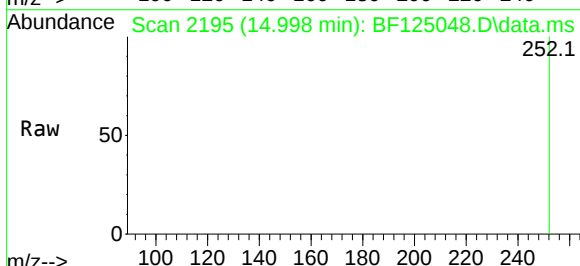
Instrument :
 BNA_F
 ClientSampled :
 WC-1

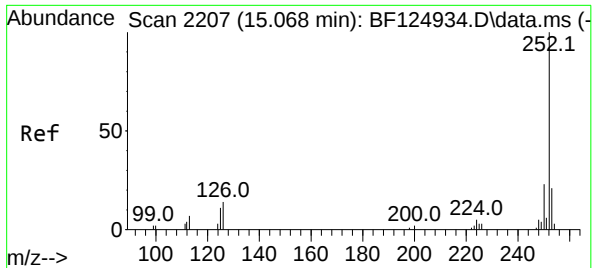
Tgt Ion:264 Resp: 10172
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.6 29.4
 265 16.7 17.2 25.8#



#88
 Benzo(b)fluoranthene
 Concen: 2.575 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: BF125048.D
 Acq: 11 Aug 2021 00:57

Tgt Ion:252 Resp: 1839
 Ion Ratio Lower Upper
 252 100
 253 0.0 16.8 25.2#
 125 0.0 9.8 14.8#





#89
 Benzo(k)fluoranthene
 Concen: 2.830 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. -0.029 min
 Lab File: BF125048.D
 Acq: 11 Aug 2021 00:57

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:252	Resp:	1839
Ion Ratio	Lower	Upper
252	100	
253	0.0	17.8 26.8#
125	0.0	7.2 10.8#

