

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125887.D
 Acq On : 18 Oct 2021 20:27
 Operator : JU/CG
 Sample : M4253-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 131

Quant Time: Oct 19 09:08:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

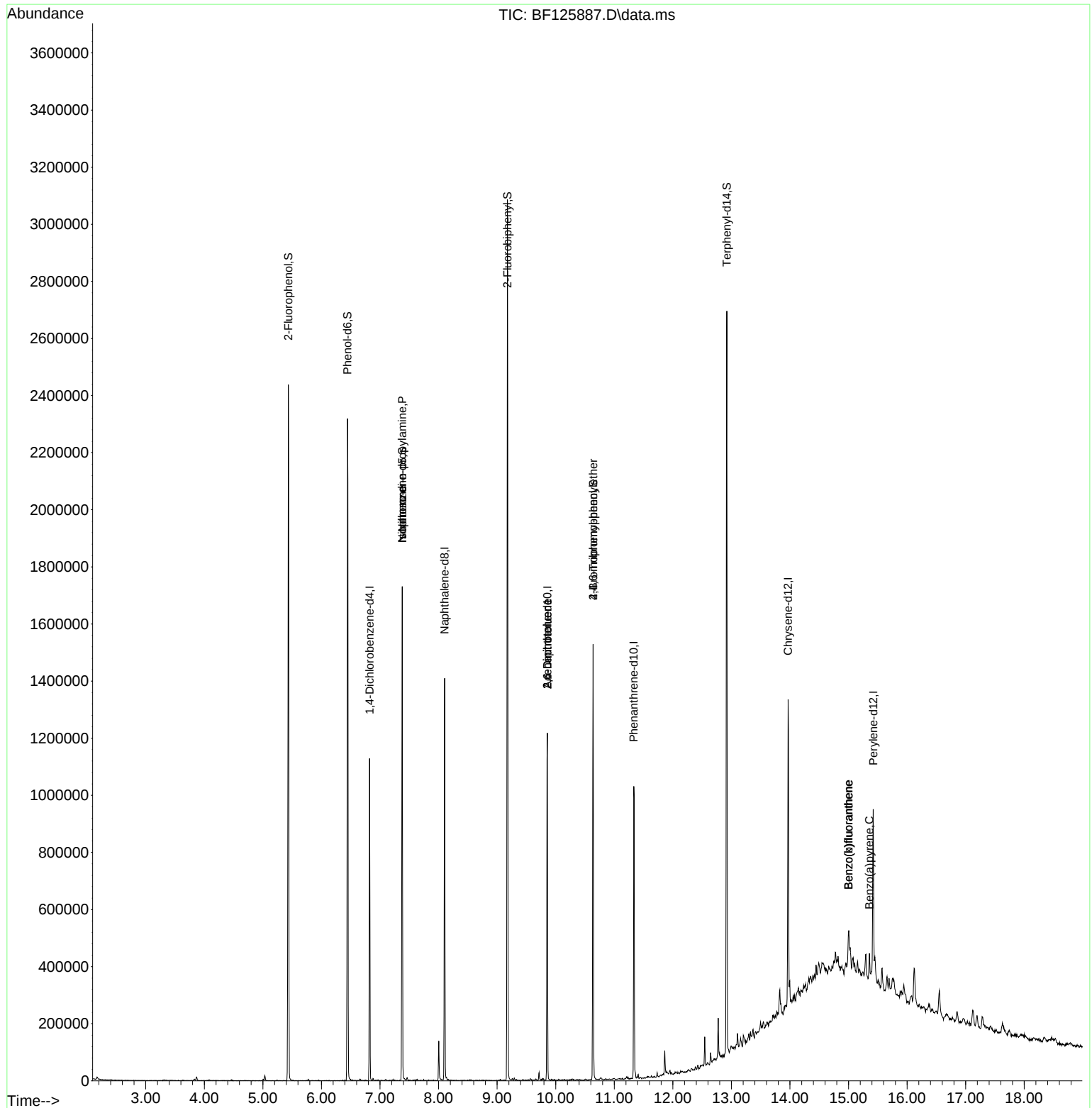
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	157918	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	601106	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	260865	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	395412	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	361810	20.000	ng	0.00
86) Perylene-d12	15.421	264	249931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	774746	80.146	ng	0.00
7) Phenol-d6	6.445	99	907924	72.959	ng	-0.01
23) Nitrobenzene-d5	7.381	82	515632	53.321	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	183051	71.073	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	952264	62.963	ng	0.00
79) Terphenyl-d14	12.921	244	854778	35.987	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	64159	9.767	ng	# 49
25) Isophorone	7.381	82	512299	29.903	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	32661	9.409	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	32661	7.442	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	10073	2.300	ng	# 1
88) Benzo(b)fluoranthene	14.998	252	78395	5.556	ng	# 75
89) Benzo(k)fluoranthene	14.998	252	78395	5.411	ng	# 74
90) Benzo(a)pyrene	15.357	252	42370	3.391	ng	# 89

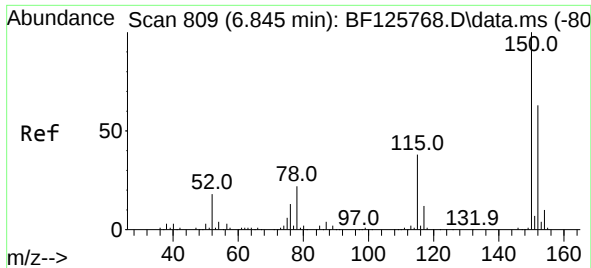
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
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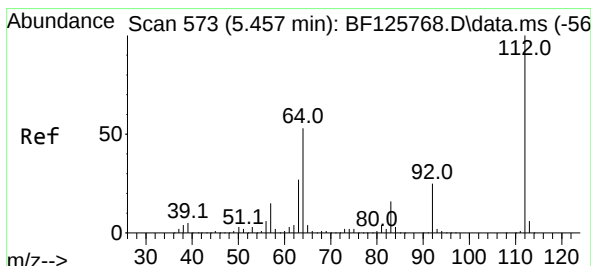
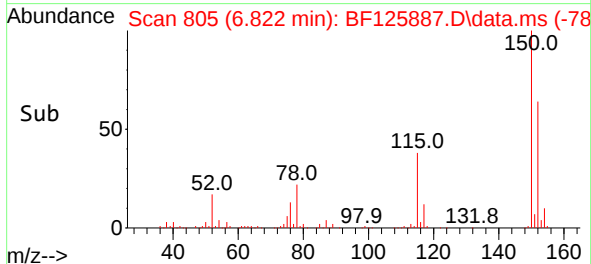
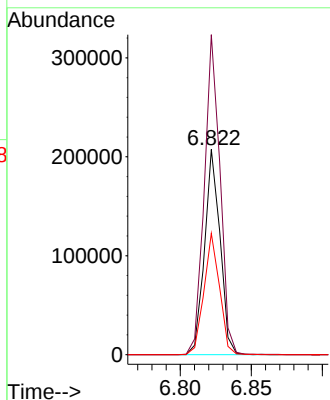
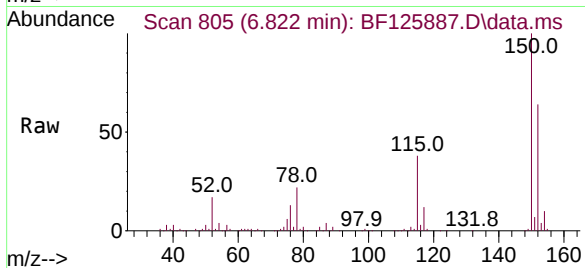




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

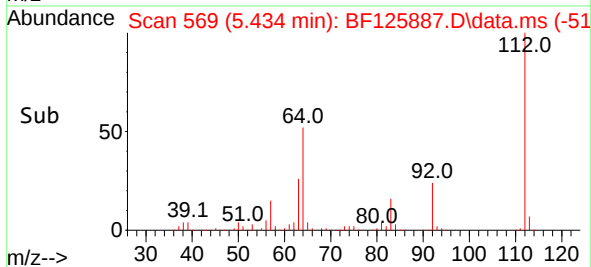
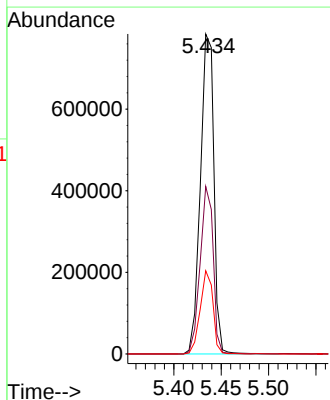
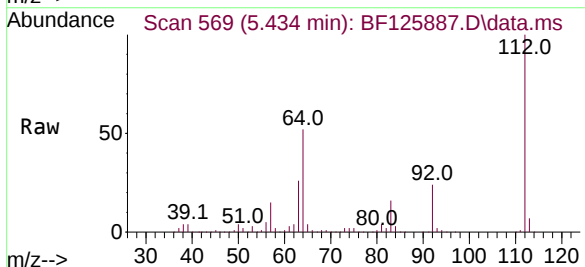
Instrument :
BNA_F
ClientSampleId :
131

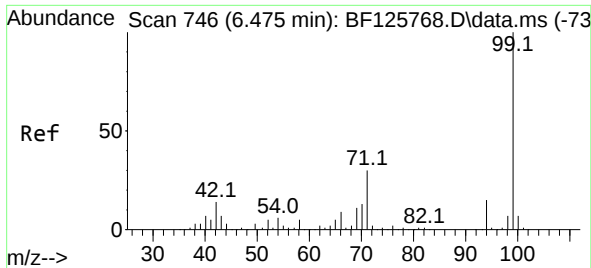
Tgt Ion:152 Resp: 157918
Ion Ratio Lower Upper
152 100
150 155.9 117.6 176.4
115 59.1 47.1 70.7



#5
2-Fluorophenol
Concen: 80.146 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

Tgt Ion:112 Resp: 774746
Ion Ratio Lower Upper
112 100
64 52.4 44.2 66.2
63 26.0 26.2 39.2#

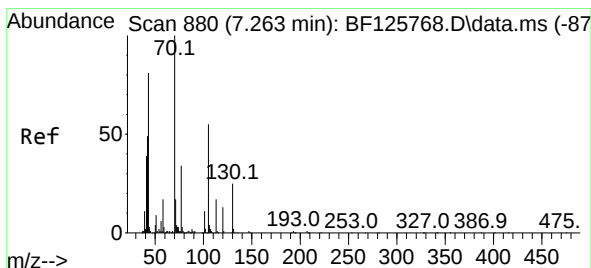
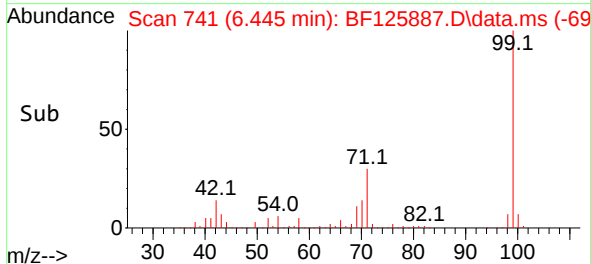
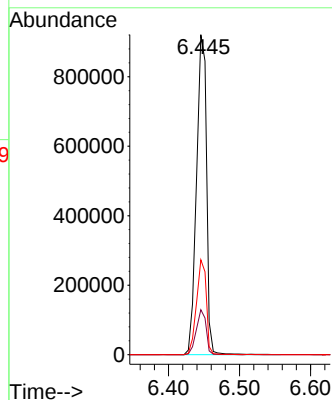
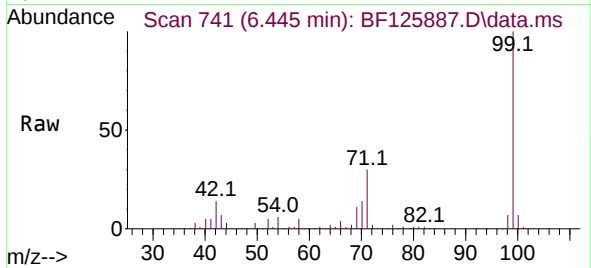




#7
Phenol-d6
Concen: 72.959 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

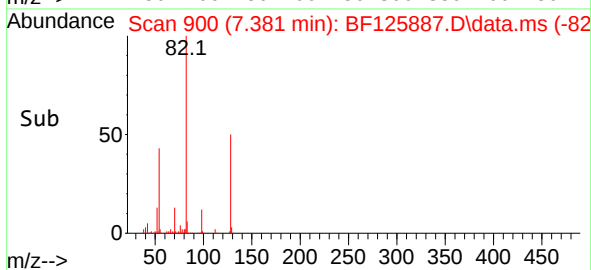
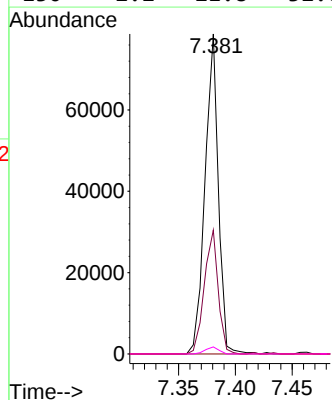
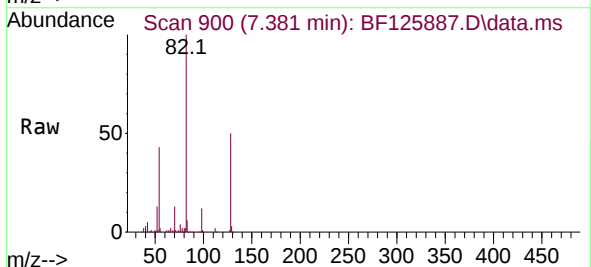
Instrument :
BNA_F
ClientSampleId :
131

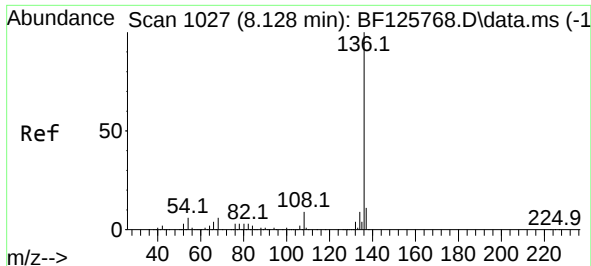
Tgt Ion: 99 Resp: 907924
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.767 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

Tgt Ion: 70 Resp: 64159
Ion Ratio Lower Upper
70 100
42 38.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

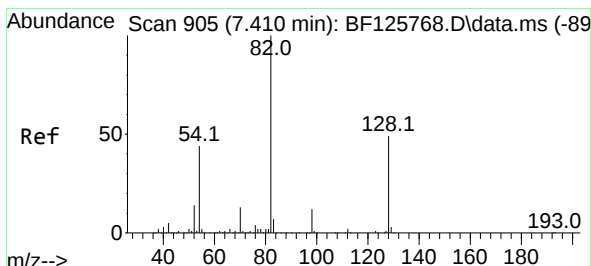
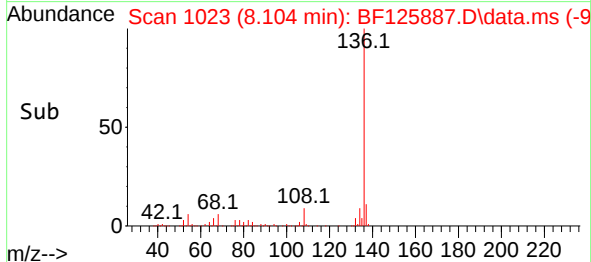
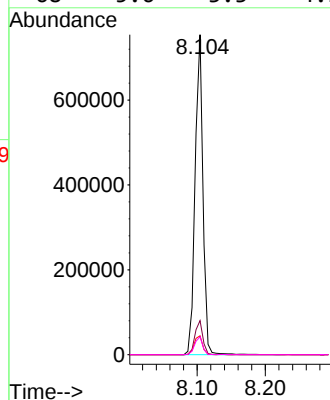
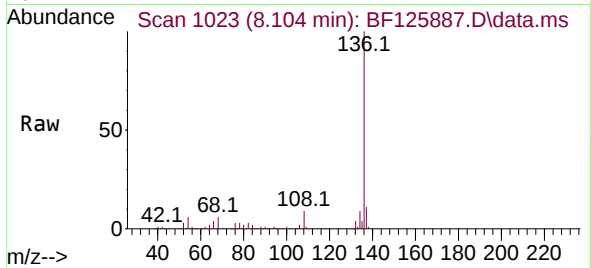




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

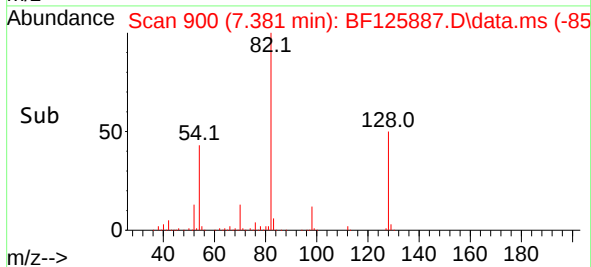
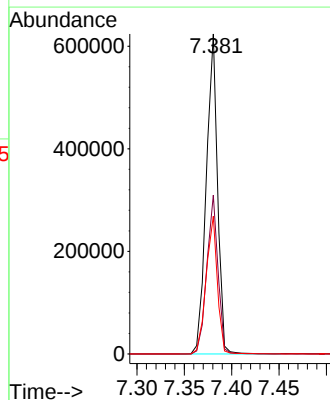
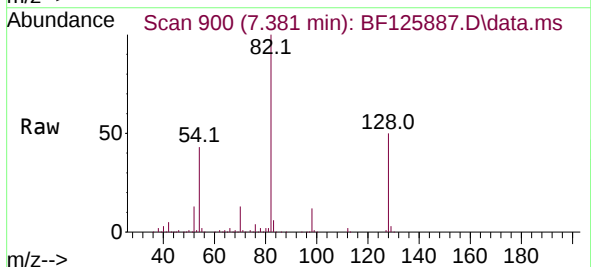
Instrument :
BNA_F
ClientSampled :
131

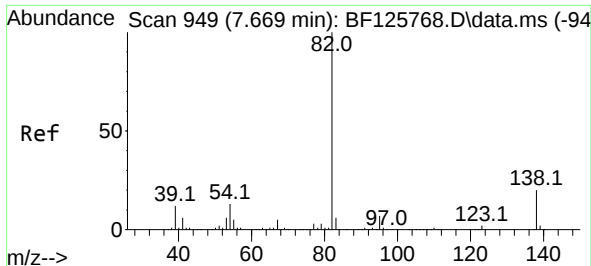
Tgt Ion:136	Resp: 601106
Ion Ratio	Lower Upper
136	100
137	10.7 9.8 14.6
54	5.9 6.4 9.6#
68	5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 53.321 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

Tgt Ion: 82	Resp: 515632
Ion Ratio	Lower Upper
82	100
128	49.7 40.6 60.8
54	43.0 49.6 74.4#

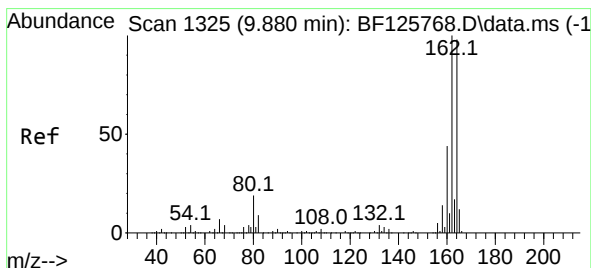
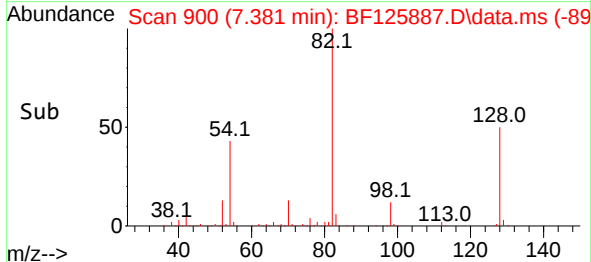
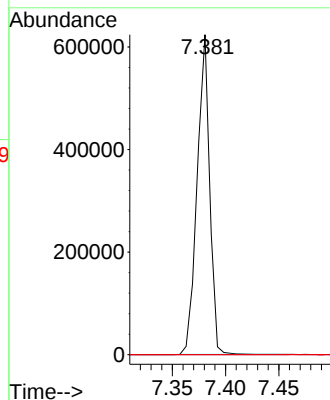
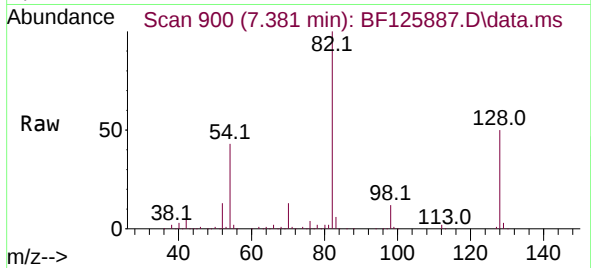




#25
Isophorone
Concen: 29.903 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.271 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

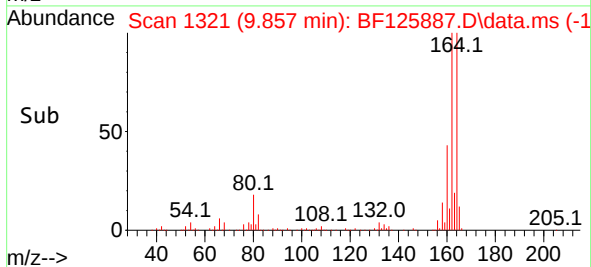
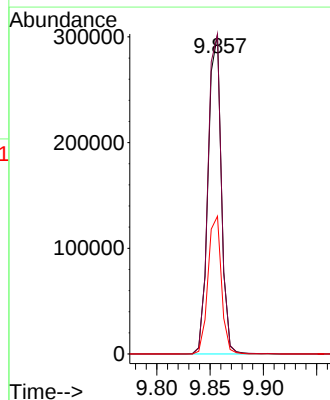
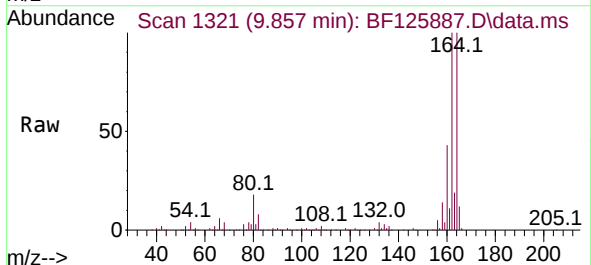
Instrument :
BNA_F
ClientSampleId :
131

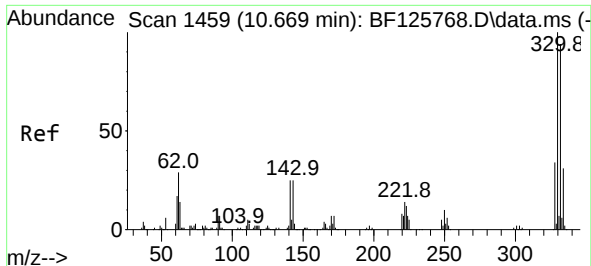
Tgt Ion: 82 Resp: 512299
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

Tgt Ion: 164 Resp: 260865
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 43.1 38.0 57.0

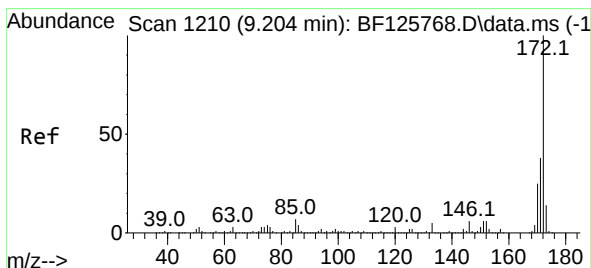
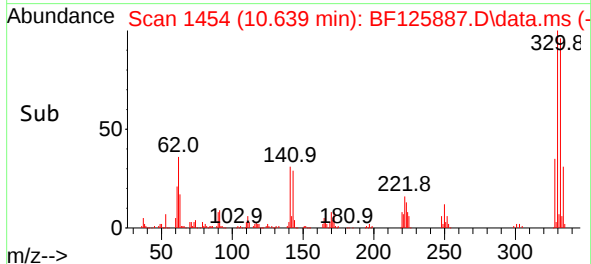
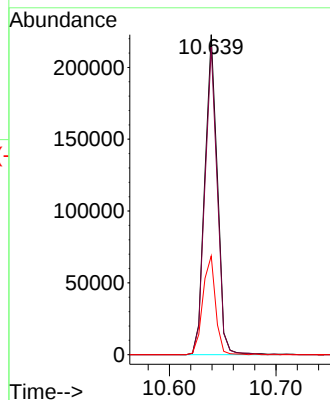
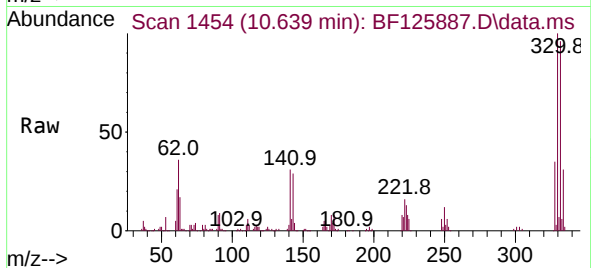




#42
2,4,6-Tribromophenol
Concen: 71.073 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

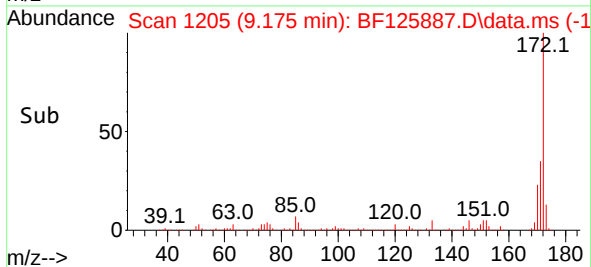
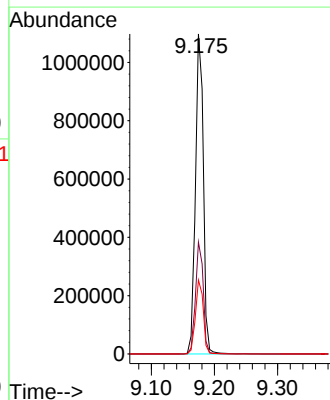
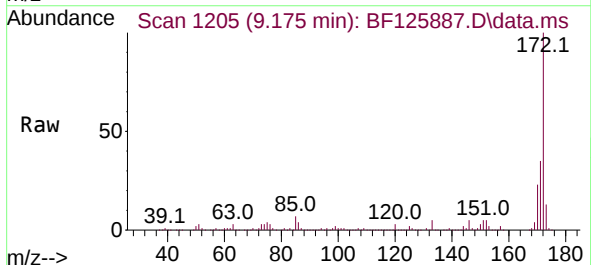
Instrument :
BNA_F
ClientSampled :
131

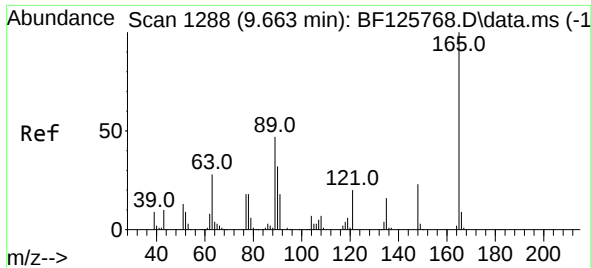
Tgt Ion: 330 Resp: 183051
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 31.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.963 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

Tgt Ion: 172 Resp: 952264
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.1 18.8 28.2

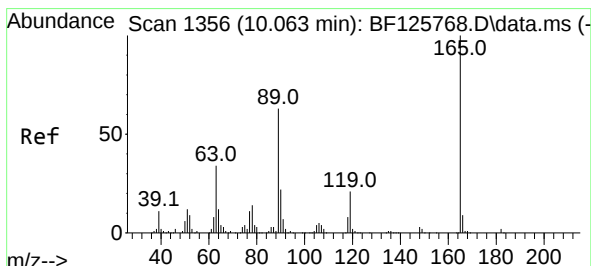
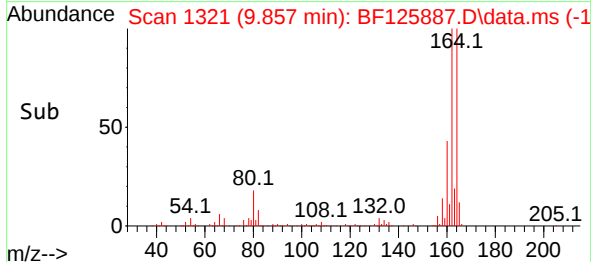
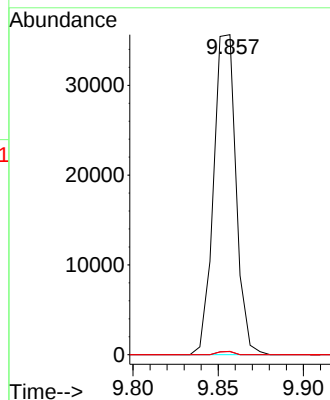
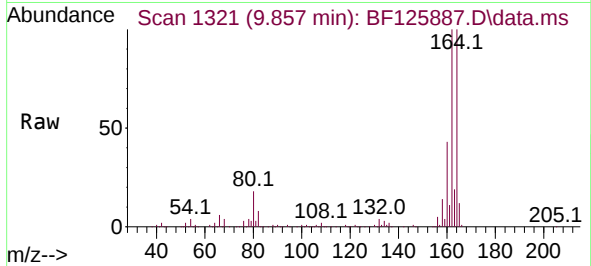




#51
2,6-Dinitrotoluene
Concen: 9.409 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

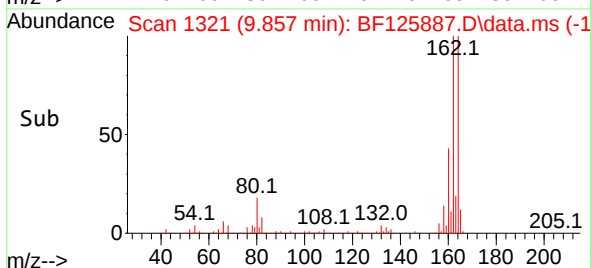
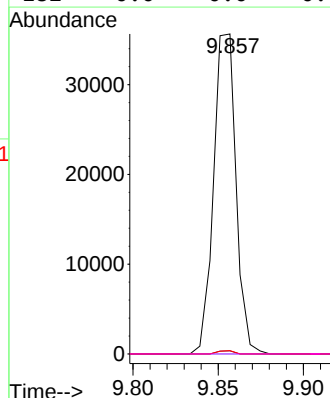
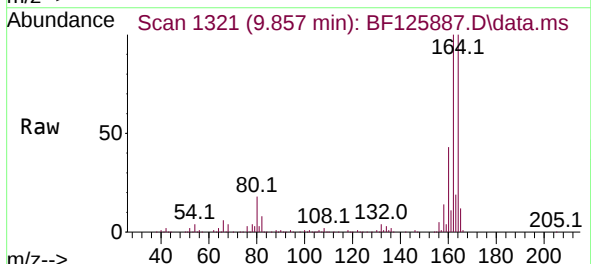
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BNA_F
ClientSampled :
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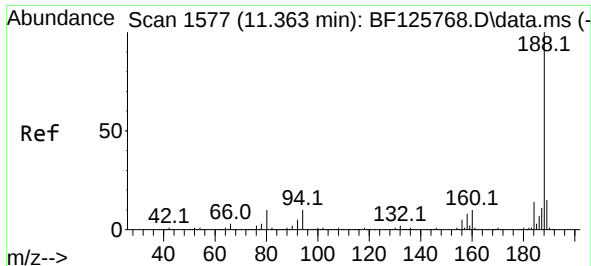
Tgt Ion:165 Resp: 32661
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.442 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.188 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

Tgt Ion:165 Resp: 32661
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

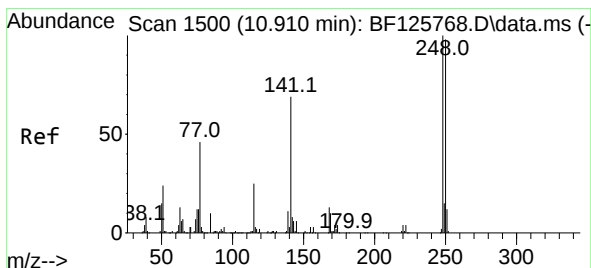
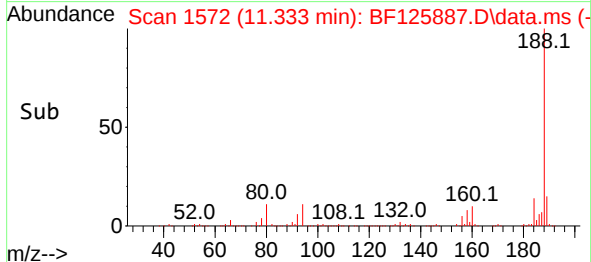
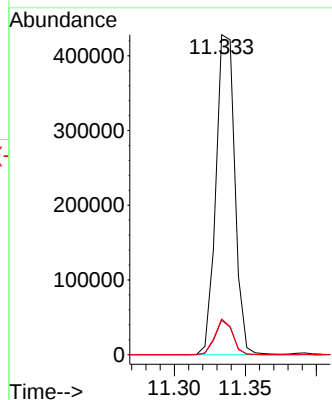
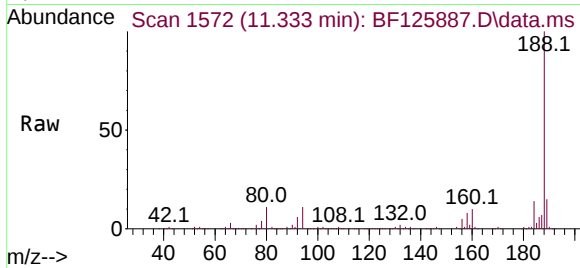




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

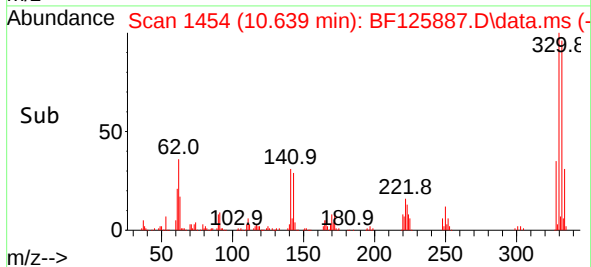
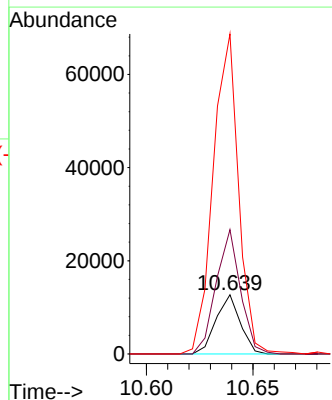
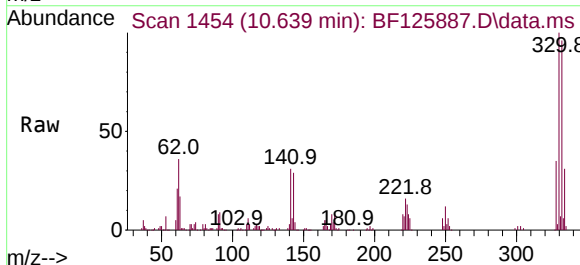
Instrument :
BNA_F
ClientSampled :
131

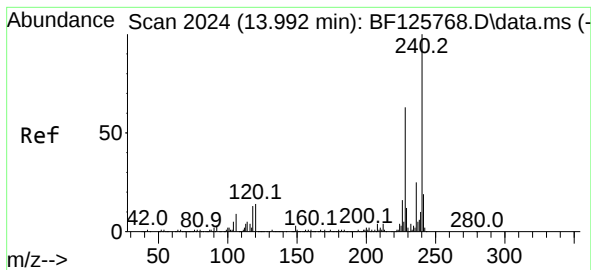
Tgt Ion:188 Resp: 395412
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.300 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

Tgt Ion:248 Resp: 10073
Ion Ratio Lower Upper
248 100
250 210.2 74.2 111.4#
141 540.8 60.4 90.6#

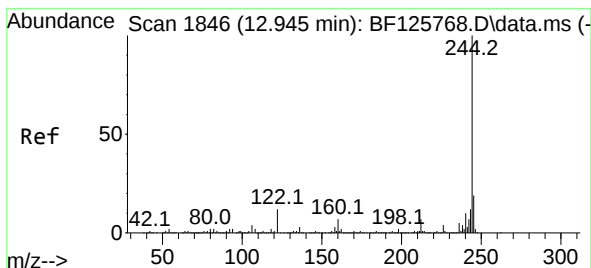
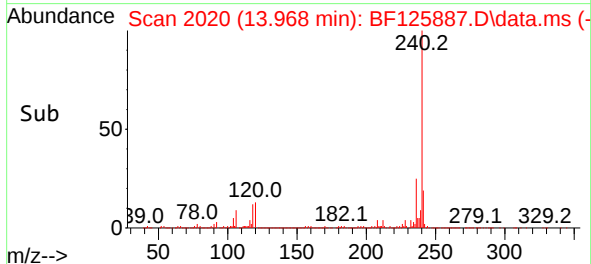
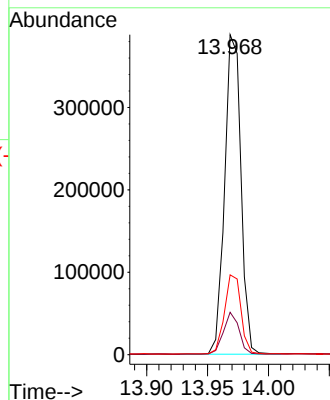
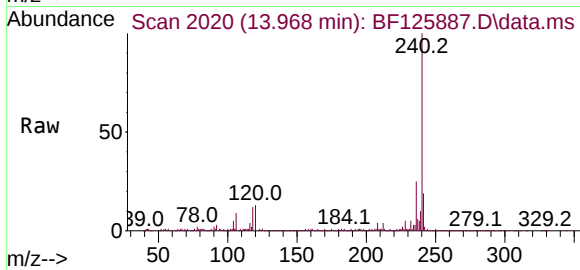




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

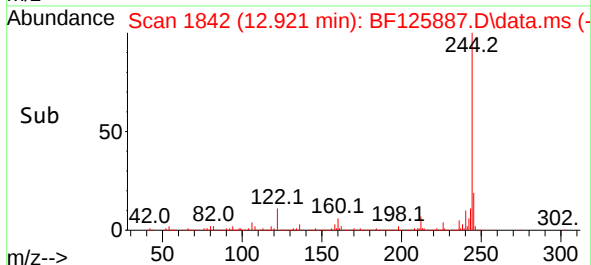
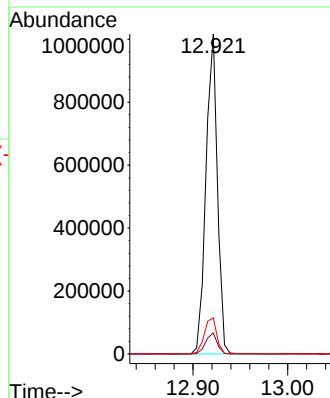
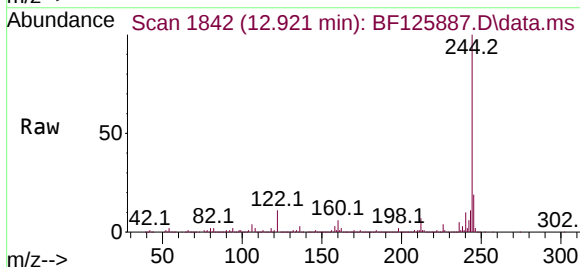
Instrument :
BNA_F
ClientSampled :
131

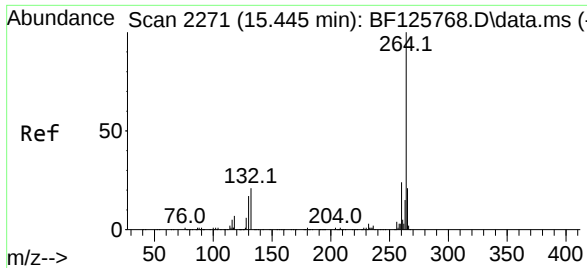
Tgt Ion:240 Resp: 361810
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 25.0 21.6 32.4



#79
Terphenyl-d14
Concen: 35.987 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

Tgt Ion:244 Resp: 854778
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 11.2 9.0 13.4

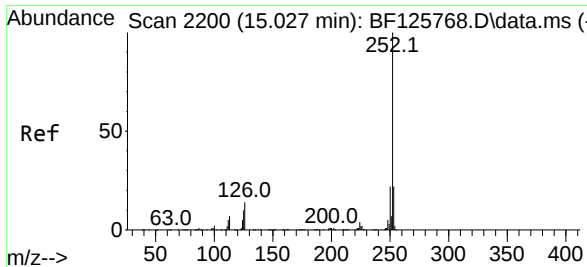
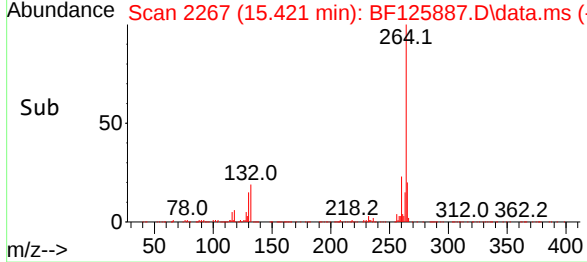
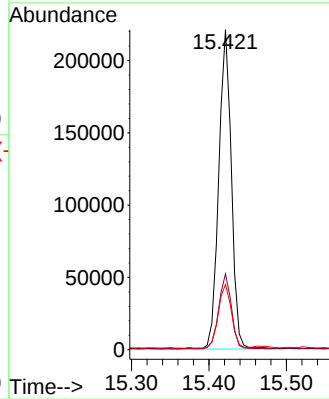
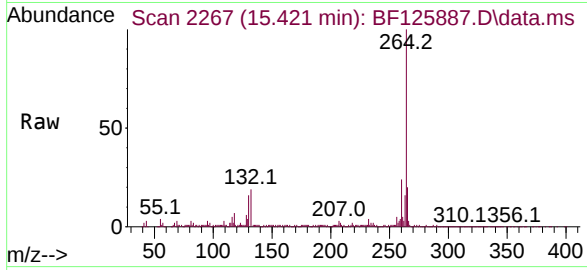




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

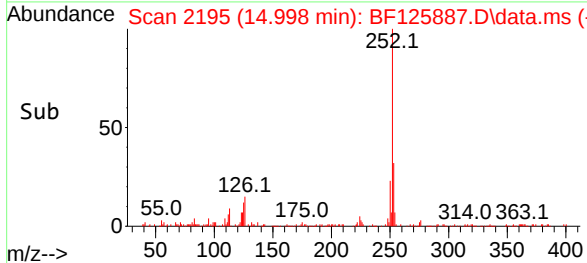
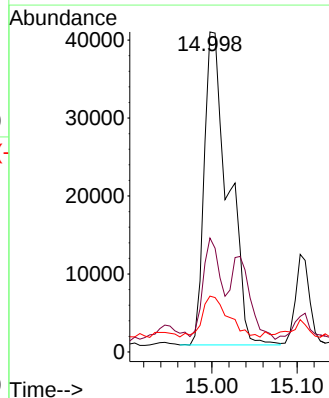
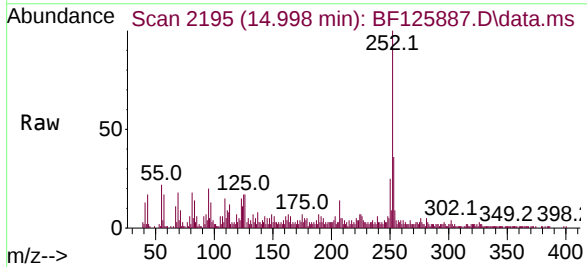
Instrument :
BNA_F
ClientSampled :
131

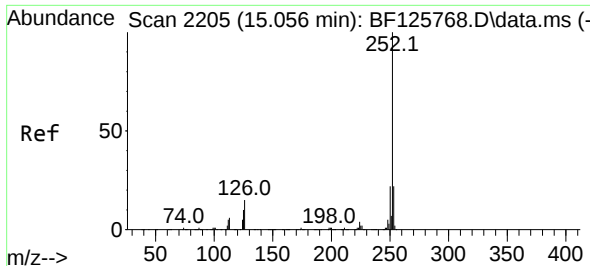
Tgt Ion:264	Resp: 249931
Ion Ratio	Lower Upper
264	100
260	23.7 19.6 29.4
265	20.4 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 5.556 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

Tgt Ion:252	Resp: 78395
Ion Ratio	Lower Upper
252	100
253	35.6 16.8 25.2#
125	17.5 9.8 14.8#

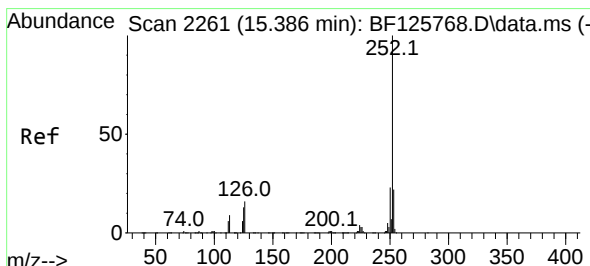
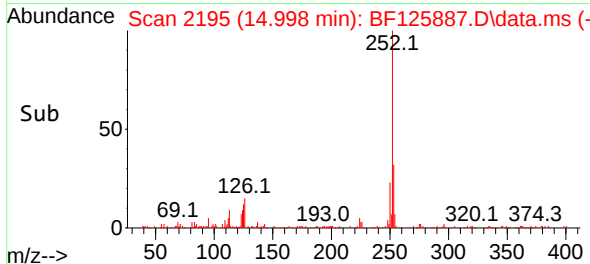
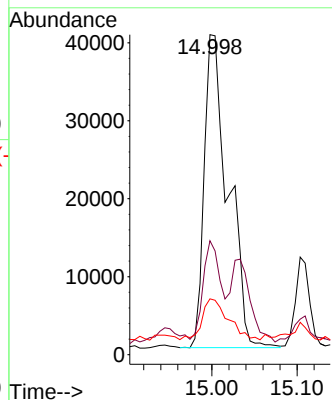
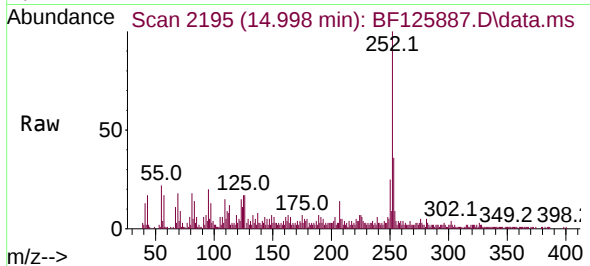




#89
Benzo(k)fluoranthene
Concen: 5.411 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.029 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

Instrument :
BNA_F
ClientSampleId :
131

Tgt Ion:252 Resp: 78395
Ion Ratio Lower Upper
252 100
253 35.6 17.8 26.8#
125 17.5 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 3.391 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125887.D
Acq: 18 Oct 2021 20:27

Tgt Ion:252 Resp: 42370
Ion Ratio Lower Upper
252 100
253 26.4 18.4 27.6
125 19.5 9.9 14.9#

