

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
 Data File : BF125275.D
 Acq On : 30 Aug 2021 22:04
 Operator : JU/CG
 Sample : M3561-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE4-9

Quant Time: Aug 31 05:30:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

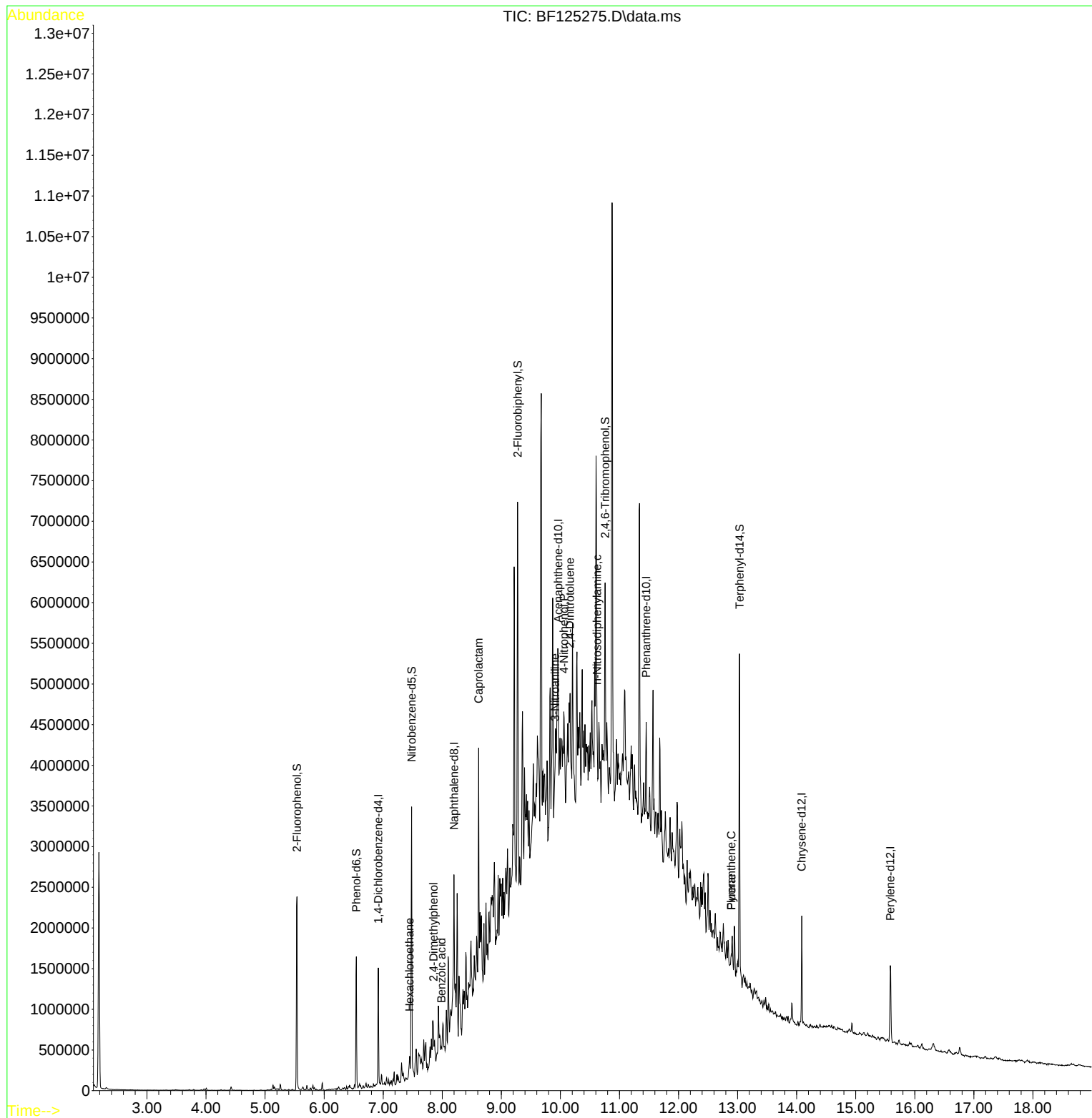
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	176947	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	631345	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	305416	20.000	ng	# 0.01
64) Phenanthrene-d10	11.451	188	441870	20.000	ng	# 0.01
76) Chrysene-d12	14.086	240	421269	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	444083	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	627563	53.682	ng	0.01
7) Phenol-d6	6.545	99	510776	33.783	ng	0.00
23) Nitrobenzene-d5	7.481	82	977133	77.917	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	372370	122.140	ng	0.02
45) 2-Fluorobiphenyl	9.275	172	1636722	74.690	ng	0.00
79) Terphenyl-d14	13.033	244	1447582	54.742	ng	0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	7.445	117	9875	2.048	ng	# 1
27) 2,4-Dimethylphenol	7.851	122	45297	4.742	ng	# 80
32) Benzoic acid	7.987	122	19151	2.954	ng	# 25
35) Caprolactam	8.616	113	52481	20.799	ng	# 1
53) 3-Nitroaniline	9.910	138	15193	3.070	ng	# 41
56) 4-Nitrophenol	10.063	139	26018	6.639	ng	# 11
57) 2,4-Dinitrotoluene	10.163	165	16916	3.045	ng	# 55
66) n-Nitrosodiphenylamine	10.622	169	214774	13.575	ng	# 46
75) Fluoranthene	12.892	202	78961	3.268	ng	# 87
78) Pyrene	12.892	202	80392	2.225	ng	# 84

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

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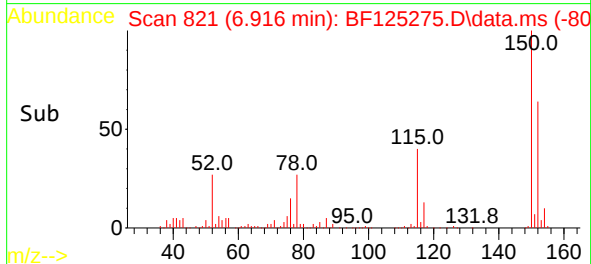
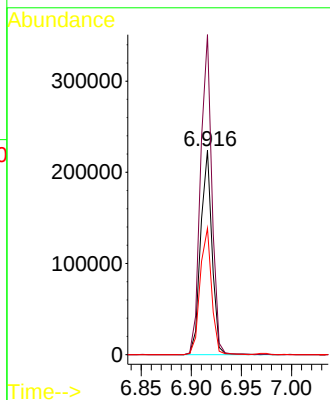
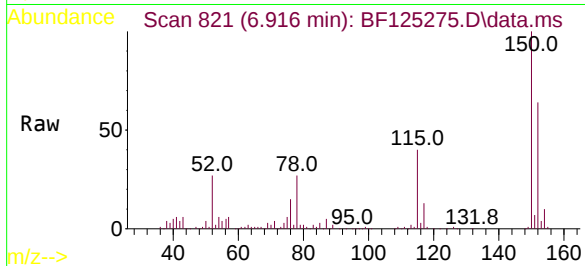




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

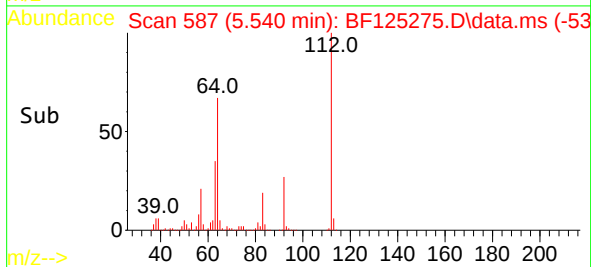
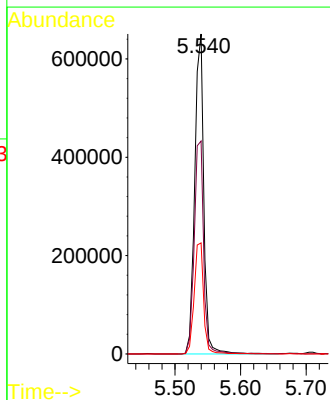
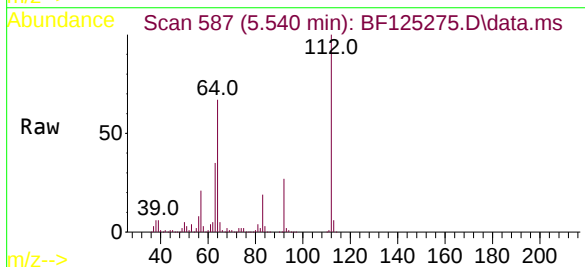
Instrument :
BNA_F
ClientSampleId :
VE4-9

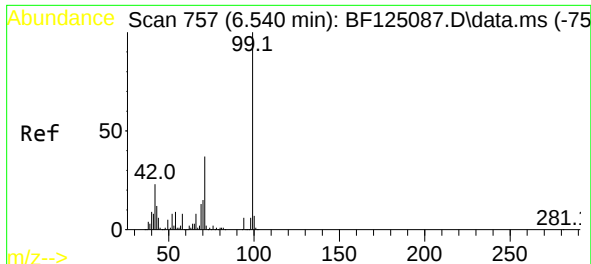
Tgt Ion:152 Resp: 176947
Ion Ratio Lower Upper
152 100
150 156.6 117.6 176.4
115 61.9 47.1 70.7



#5
2-Fluorophenol
Concen: 53.682 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

Tgt Ion:112 Resp: 627563
Ion Ratio Lower Upper
112 100
64 66.5 44.2 66.2#
63 34.7 26.2 39.2

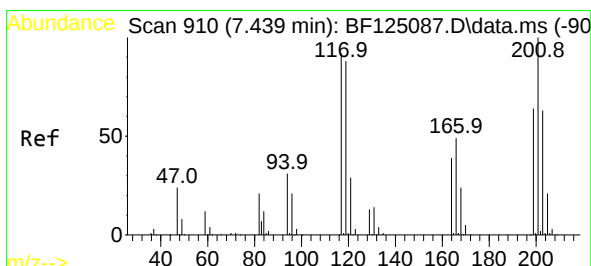
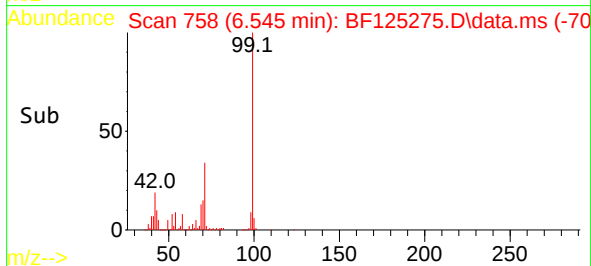
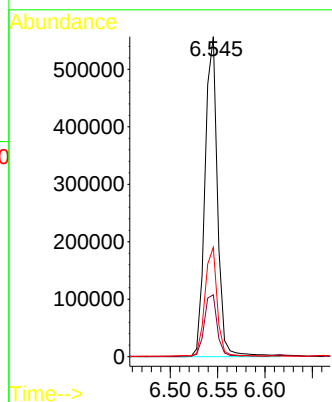
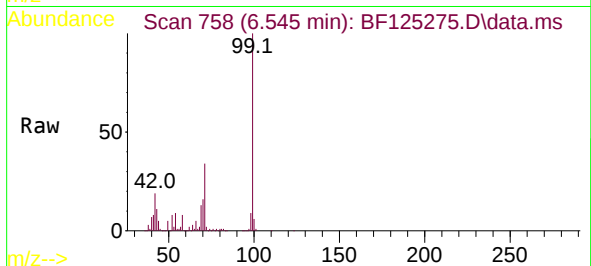




#7
Phenol-d6
Concen: 33.783 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

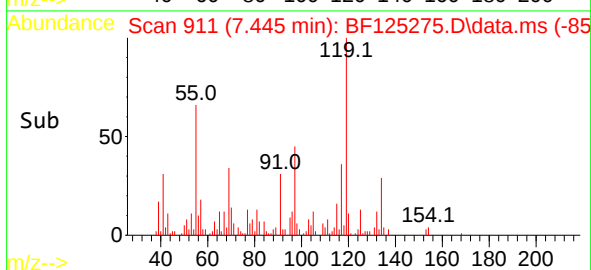
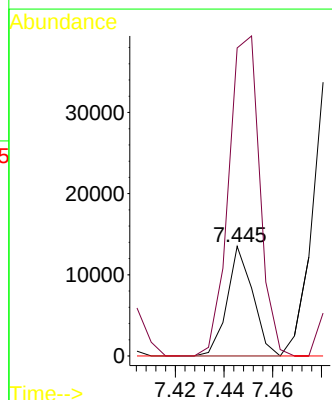
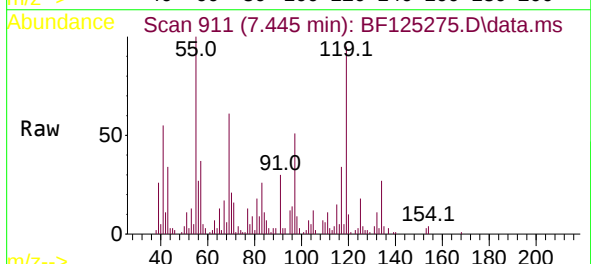
Instrument :
BNA_F
ClientSampleId :
VE4-9

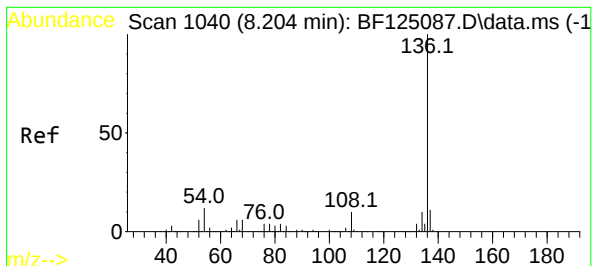
Tgt Ion: 99 Resp: 510776
Ion Ratio Lower Upper
99 100
42 19.3 23.5 35.3#
71 34.2 25.6 38.4



#18
Hexachloroethane
Concen: 2.048 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.012 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

Tgt Ion: 117 Resp: 9875
Ion Ratio Lower Upper
117 100
119 281.2 73.4 110.2#
201 0.0 64.9 97.3#



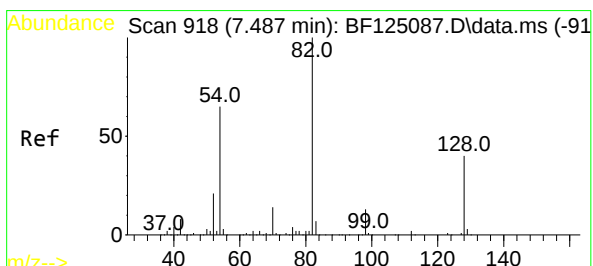
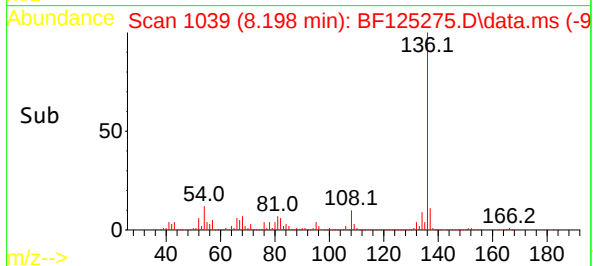
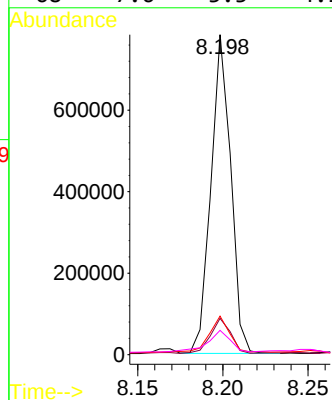
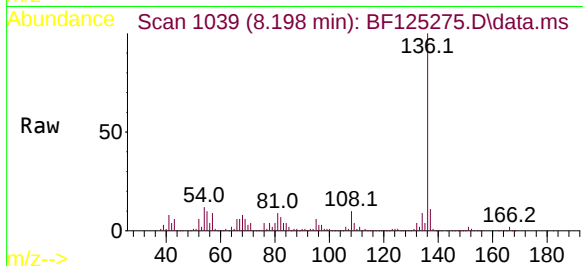


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

Instrument :
BNA_F
ClientSampleId :
VE4-9

Tgt Ion:136 Resp: 631345

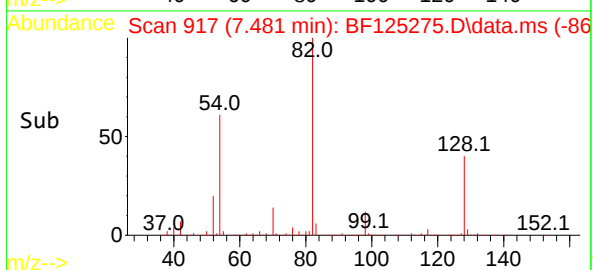
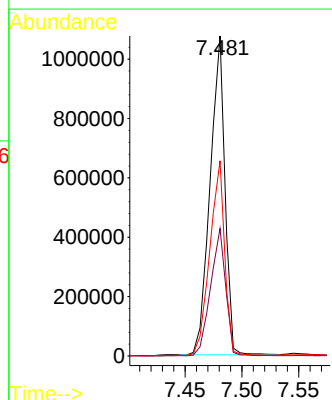
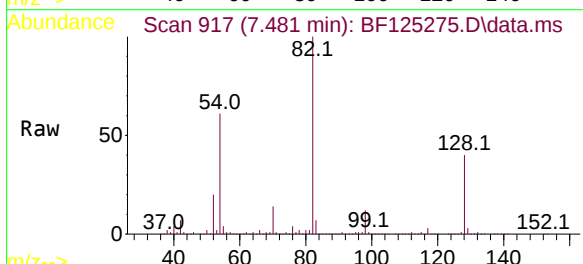
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	12.1	6.4	9.6#
68	7.6	3.3	4.9#

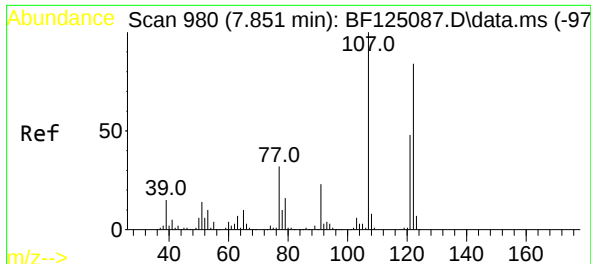


#23
Nitrobenzene-d5
Concen: 77.917 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

Tgt Ion: 82 Resp: 977133

Ion	Ratio	Lower	Upper
82	100		
128	39.8	40.6	60.8#
54	61.0	49.6	74.4

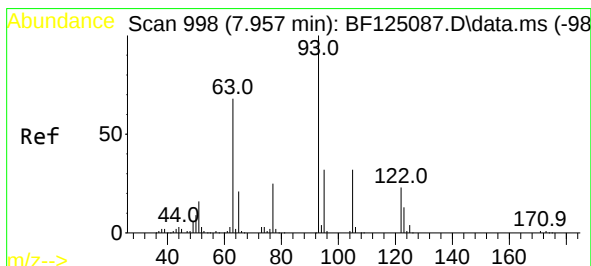
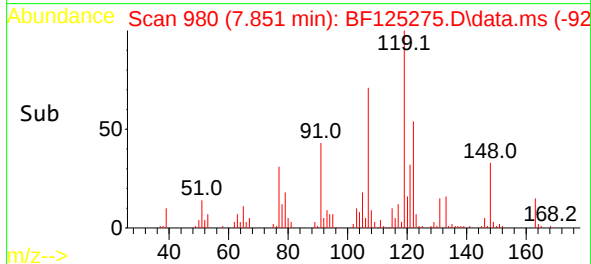
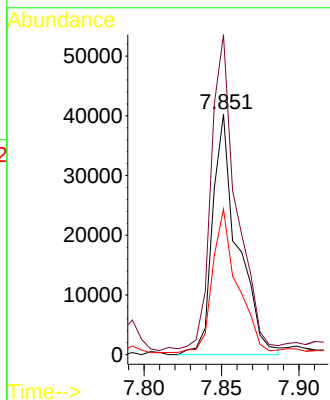
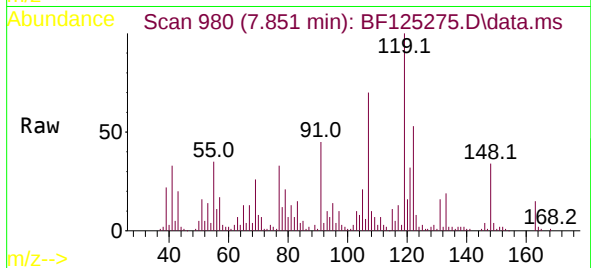




#27
2,4-Dimethylphenol
Concen: 4.742 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

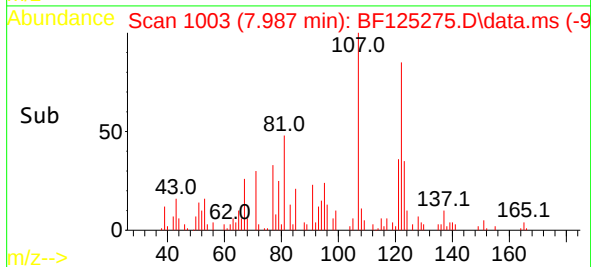
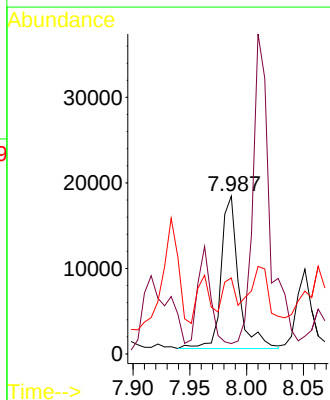
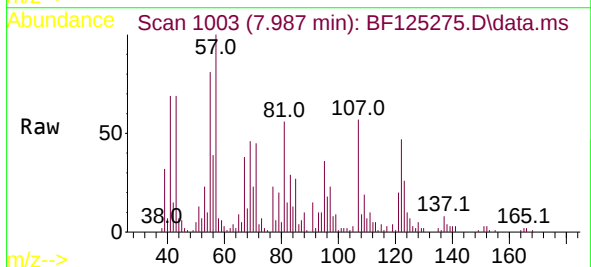
Instrument :
BNA_F
ClientSampleId :
VE4-9

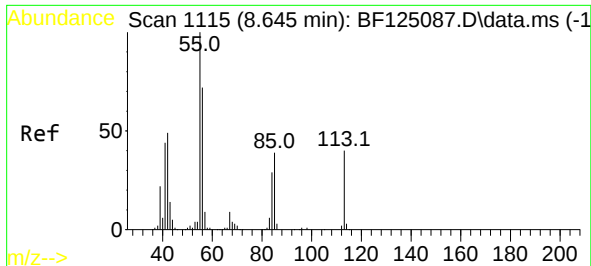
Tgt Ion:122 Resp: 45297
Ion Ratio Lower Upper
122 100
107 133.0 85.0 127.6#
121 60.5 43.3 64.9



#32
Benzoic acid
Concen: 2.954 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.041 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

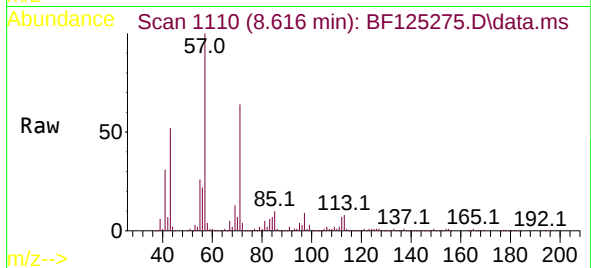
Tgt Ion:122 Resp: 19151
Ion Ratio Lower Upper
122 100
105 6.6 97.6 137.6#
77 48.1 59.6 99.6#



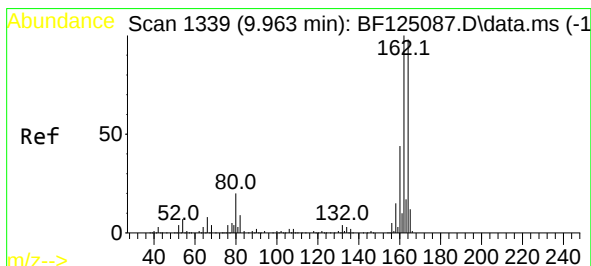
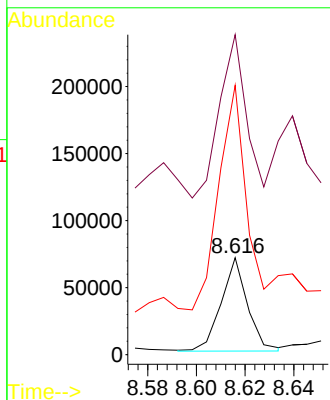
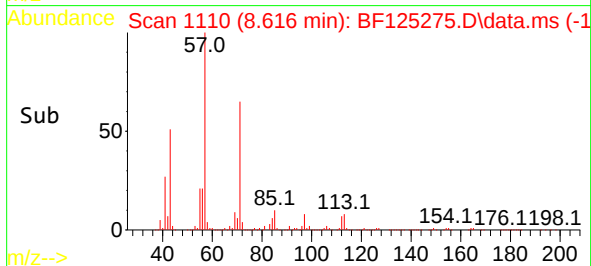


#35
Caprolactam
Concen: 20.799 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

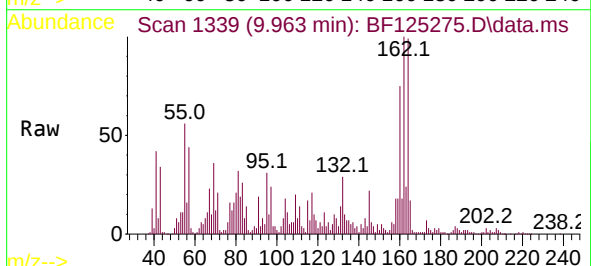
Instrument :
BNA_F
ClientSampled :
VE4-9



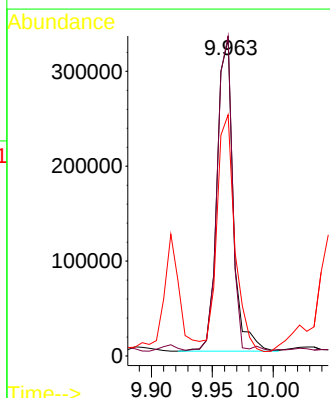
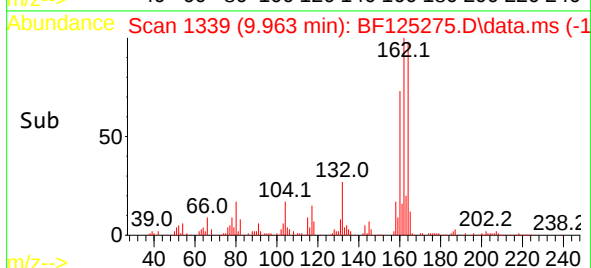
Tgt Ion:113 Resp: 52481
Ion Ratio Lower Upper
113 100
55 329.9 154.1 194.1#
56 277.5 108.7 148.7#

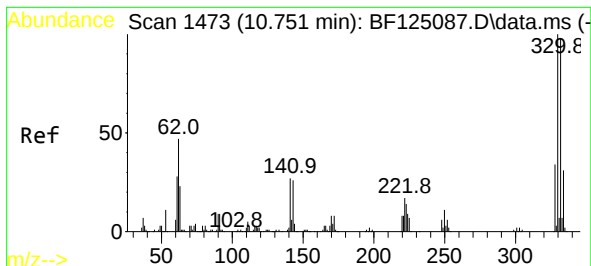


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04



Tgt Ion:164 Resp: 305416
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 76.1 38.0 57.0#

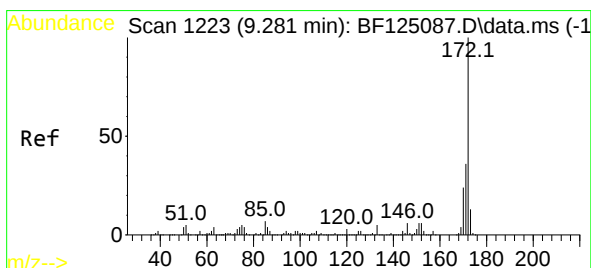
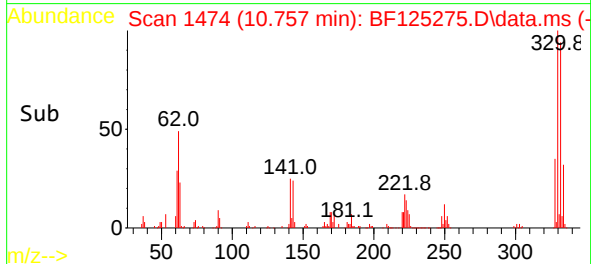
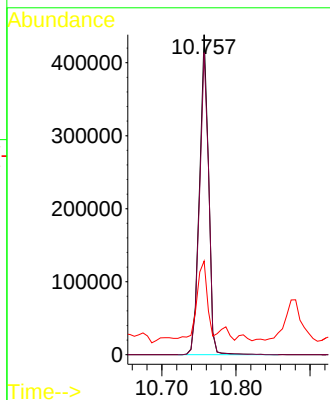
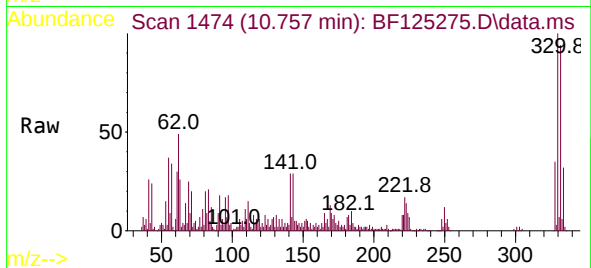




#42
2,4,6-Tribromophenol
Concen: 122.140 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.018 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

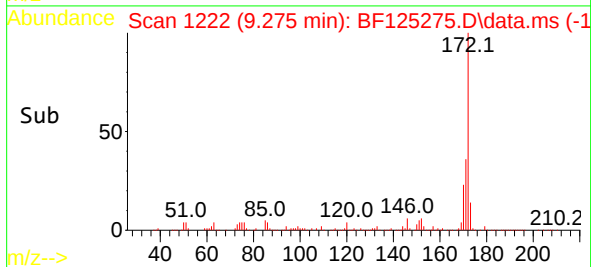
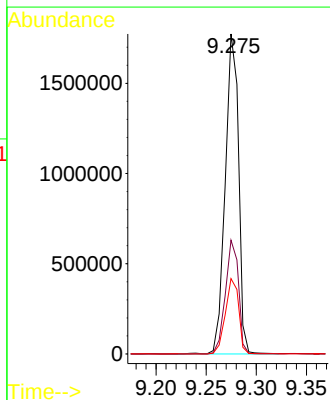
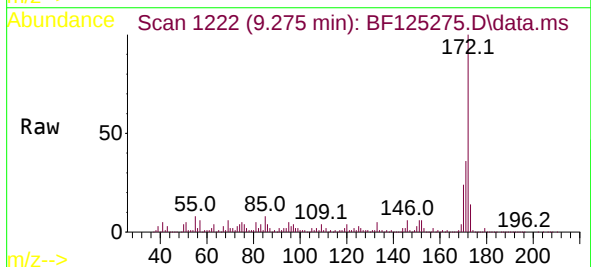
Instrument :
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VE4-9

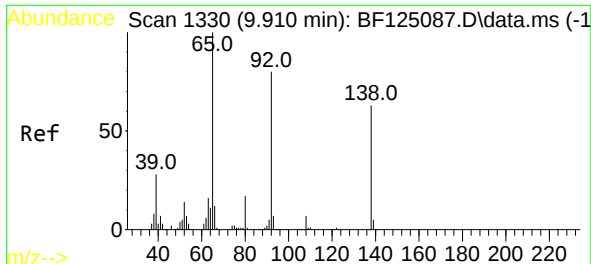
Tgt Ion: 330 Resp: 372370
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 27.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 74.690 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

Tgt Ion: 172 Resp: 1636722
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.5 18.8 28.2

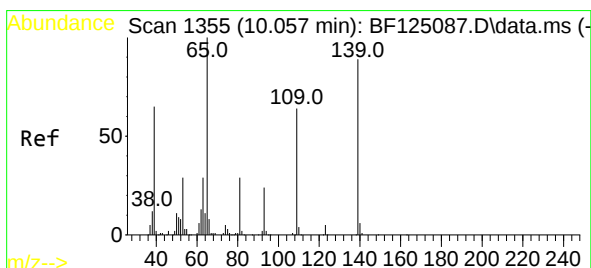
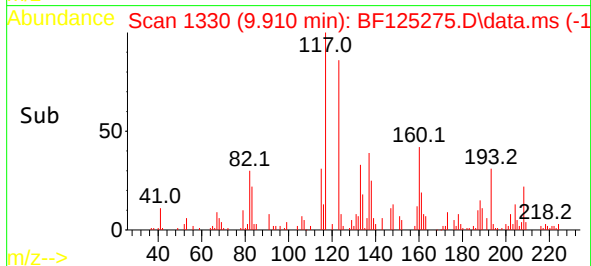
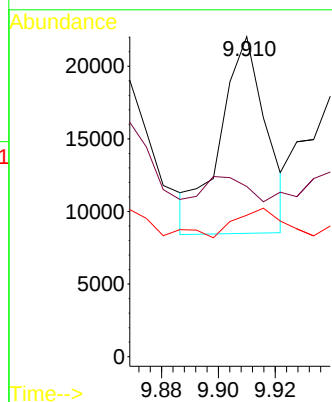
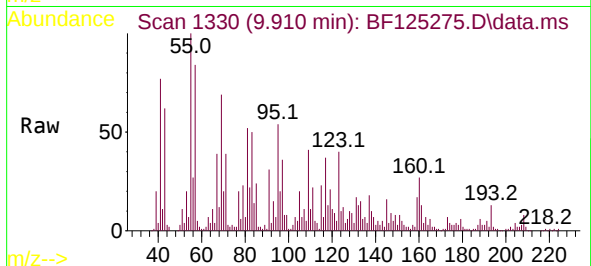




#53
3-Nitroaniline
Concen: 3.070 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

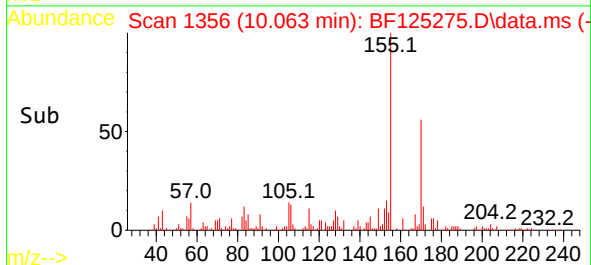
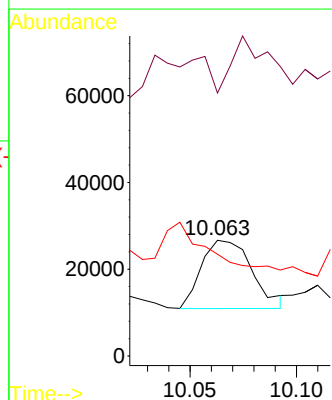
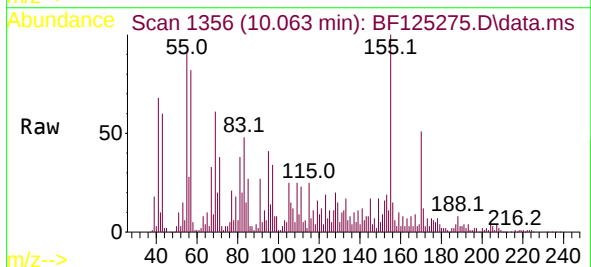
Instrument :
BNA_F
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VE4-9

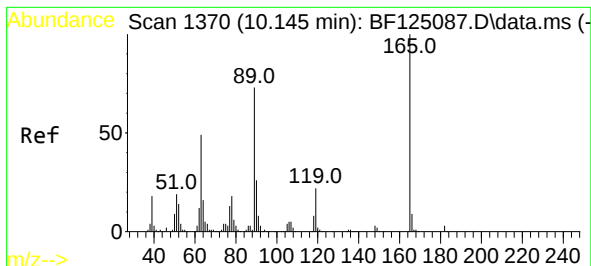
Tgt Ion:138 Resp: 15193
Ion Ratio Lower Upper
138 100
108 53.2 9.3 13.9#
92 44.2 76.5 114.7#



#56
4-Nitrophenol
Concen: 6.639 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

Tgt Ion:139 Resp: 26018
Ion Ratio Lower Upper
139 100
109 227.1 60.4 100.4#
65 87.9 58.4 98.4

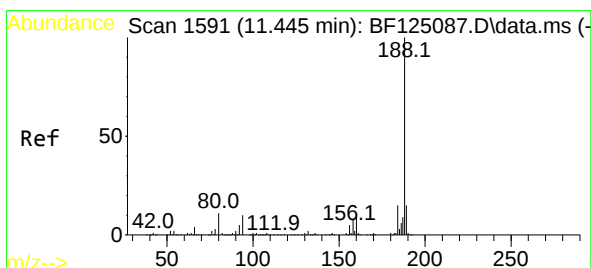
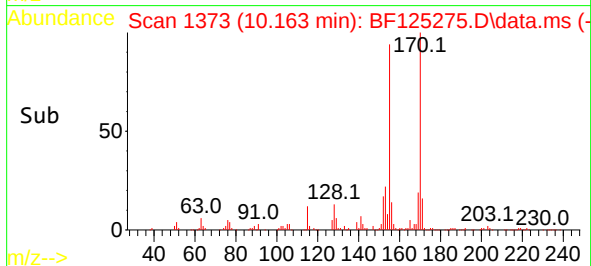
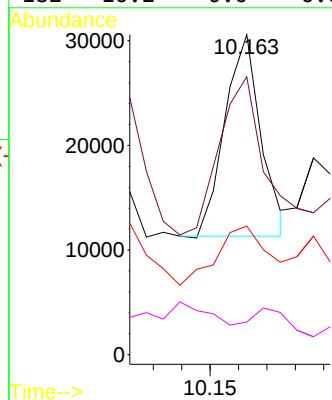
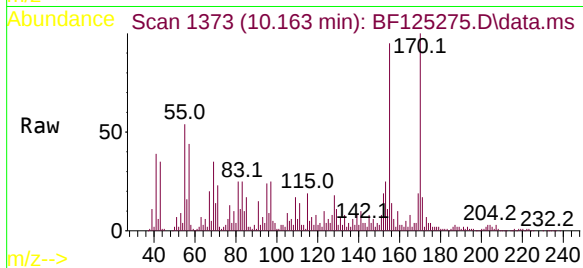




#57
2,4-Dinitrotoluene
Concen: 3.045 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.030 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

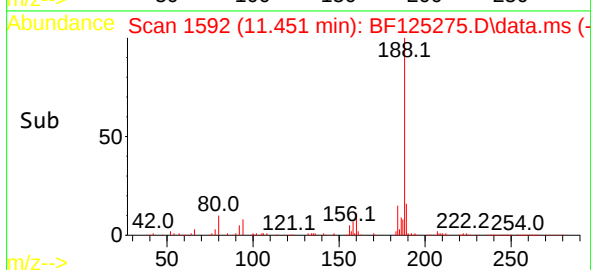
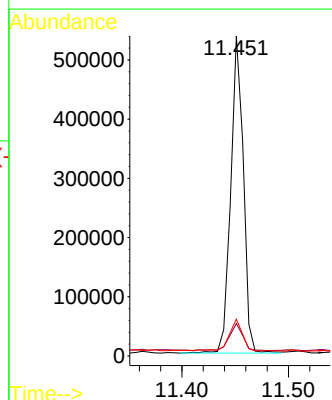
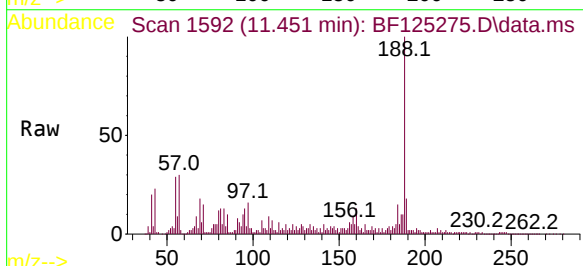
Instrument :
BNA_F
ClientSampleId :
VE4-9

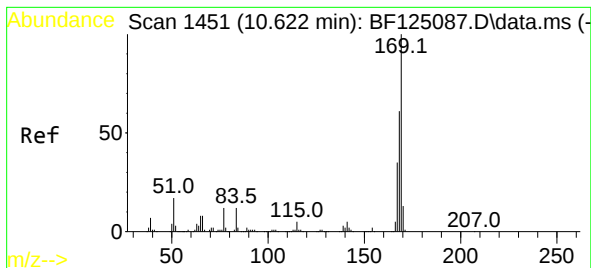
Tgt Ion:165 Resp: 16916
Ion Ratio Lower Upper
165 100
63 86.8 40.9 61.3#
89 40.2 59.7 89.5#
182 10.2 0.0 0.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.012 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

Tgt Ion:188 Resp: 441870
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 11.5 7.5 11.3#

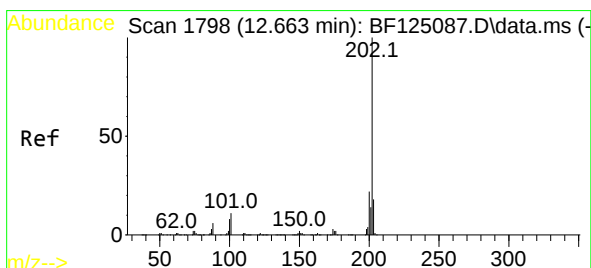
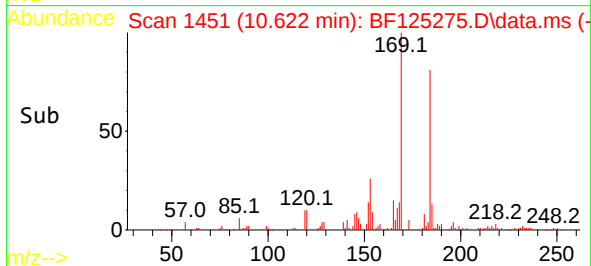
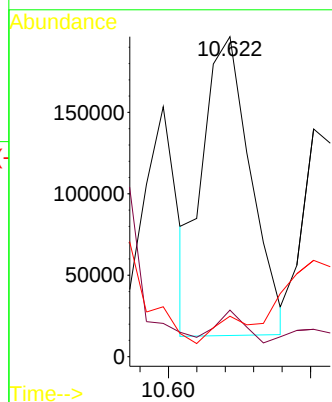
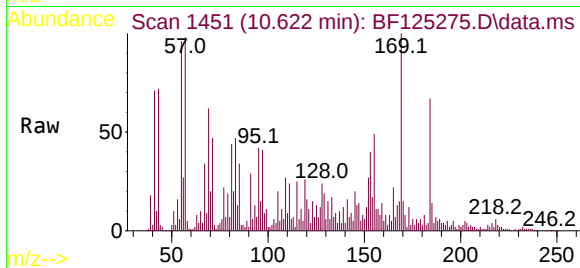




#66
n-Nitrosodiphenylamine
Concen: 13.575 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.012 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

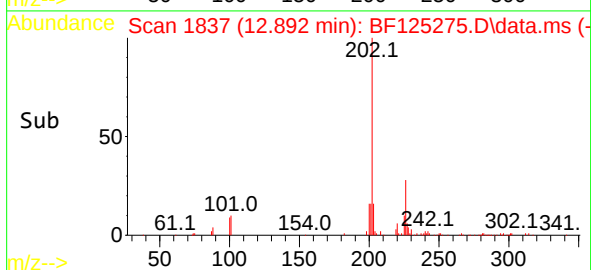
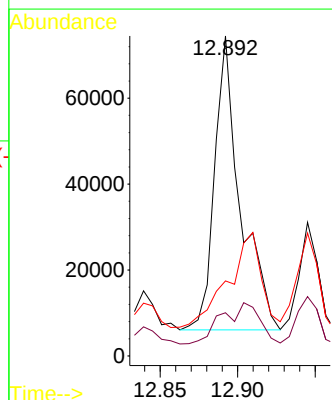
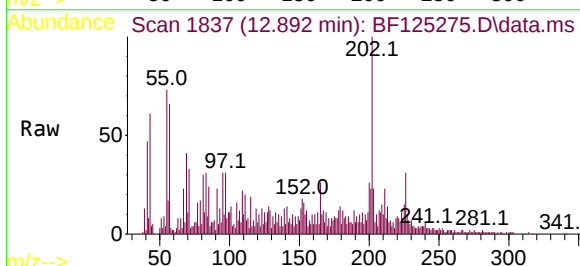
Instrument :
BNA_F
ClientSampleId :
VE4-9

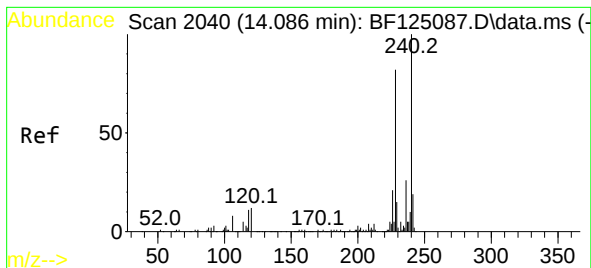
Tgt Ion:169 Resp: 214774
Ion Ratio Lower Upper
169 100
168 14.6 50.8 76.2#
167 12.7 28.8 43.2#



#75
Fluoranthene
Concen: 3.268 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.241 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

Tgt Ion:202 Resp: 78961
Ion Ratio Lower Upper
202 100
101 13.5 0.0 30.7
203 23.5 0.0 36.3

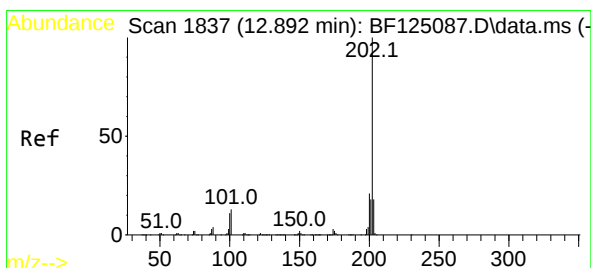
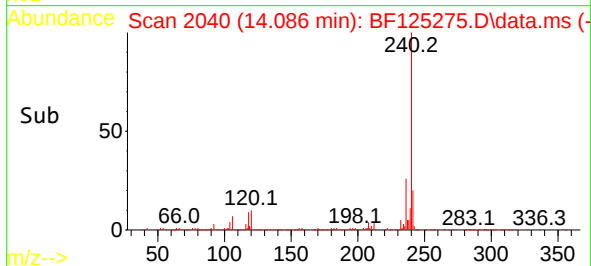
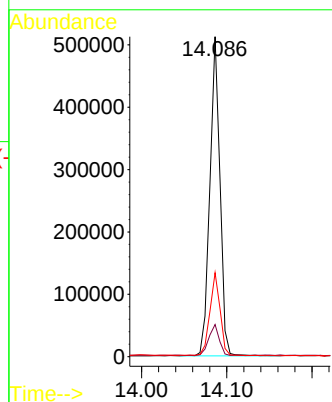
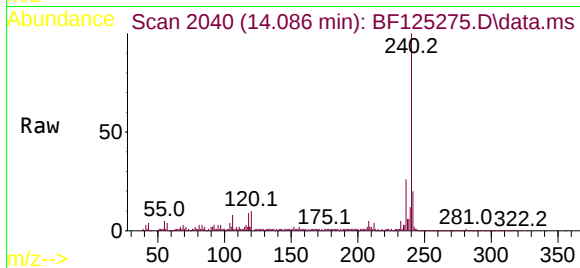




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

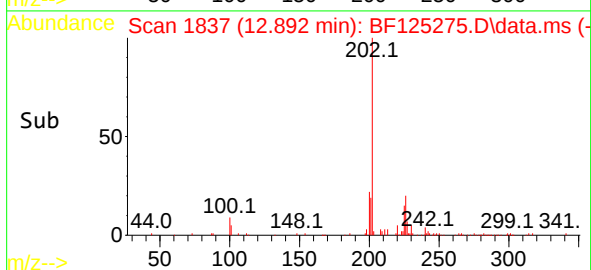
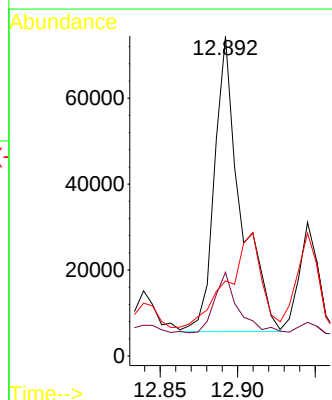
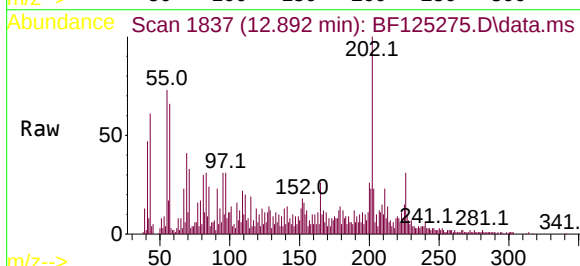
Instrument :
BNA_F
ClientSampleId :
VE4-9

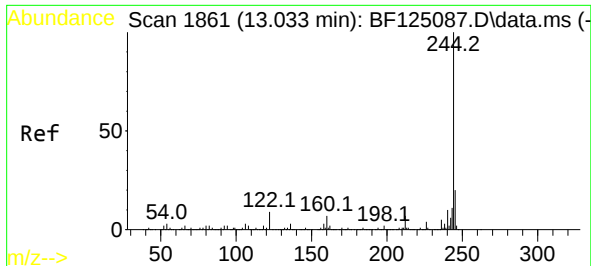
Tgt Ion:240 Resp: 421269
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 26.2 21.6 32.4



#78
Pyrene
Concen: 2.225 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.006 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

Tgt Ion:202 Resp: 80392
Ion Ratio Lower Upper
202 100
200 26.1 15.3 22.9#
203 23.5 13.4 20.0#

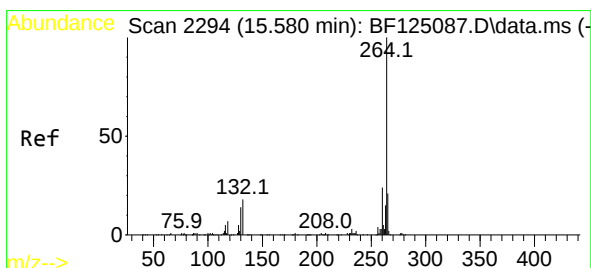
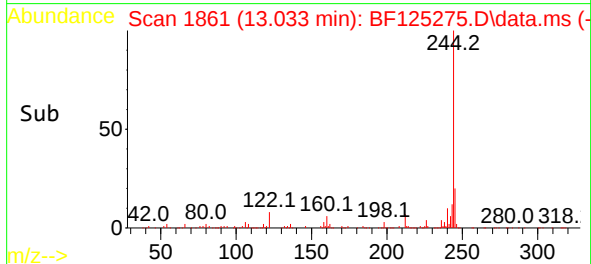
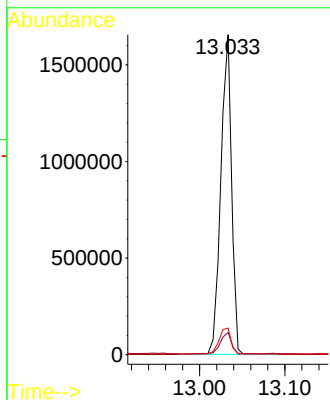
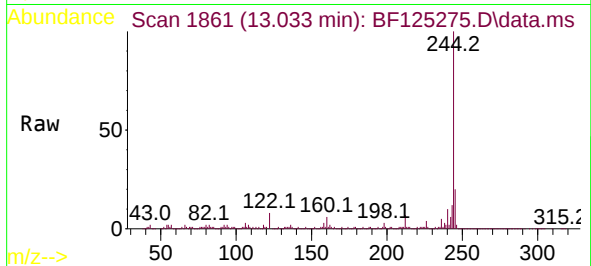




#79
Terphenyl-d14
Concen: 54.742 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.012 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

Instrument :
BNA_F
ClientSampleId :
VE4-9

Tgt Ion:244 Resp: 1447582
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.3 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.012 min
Lab File: BF125275.D
Acq: 30 Aug 2021 22:04

Tgt Ion:264 Resp: 444083
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.1 17.2 25.8

