

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
 Data File : BF125274.D
 Acq On : 30 Aug 2021 21:32
 Operator : JU/CG
 Sample : M3561-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE4-7

Quant Time: Aug 31 05:30:32 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)

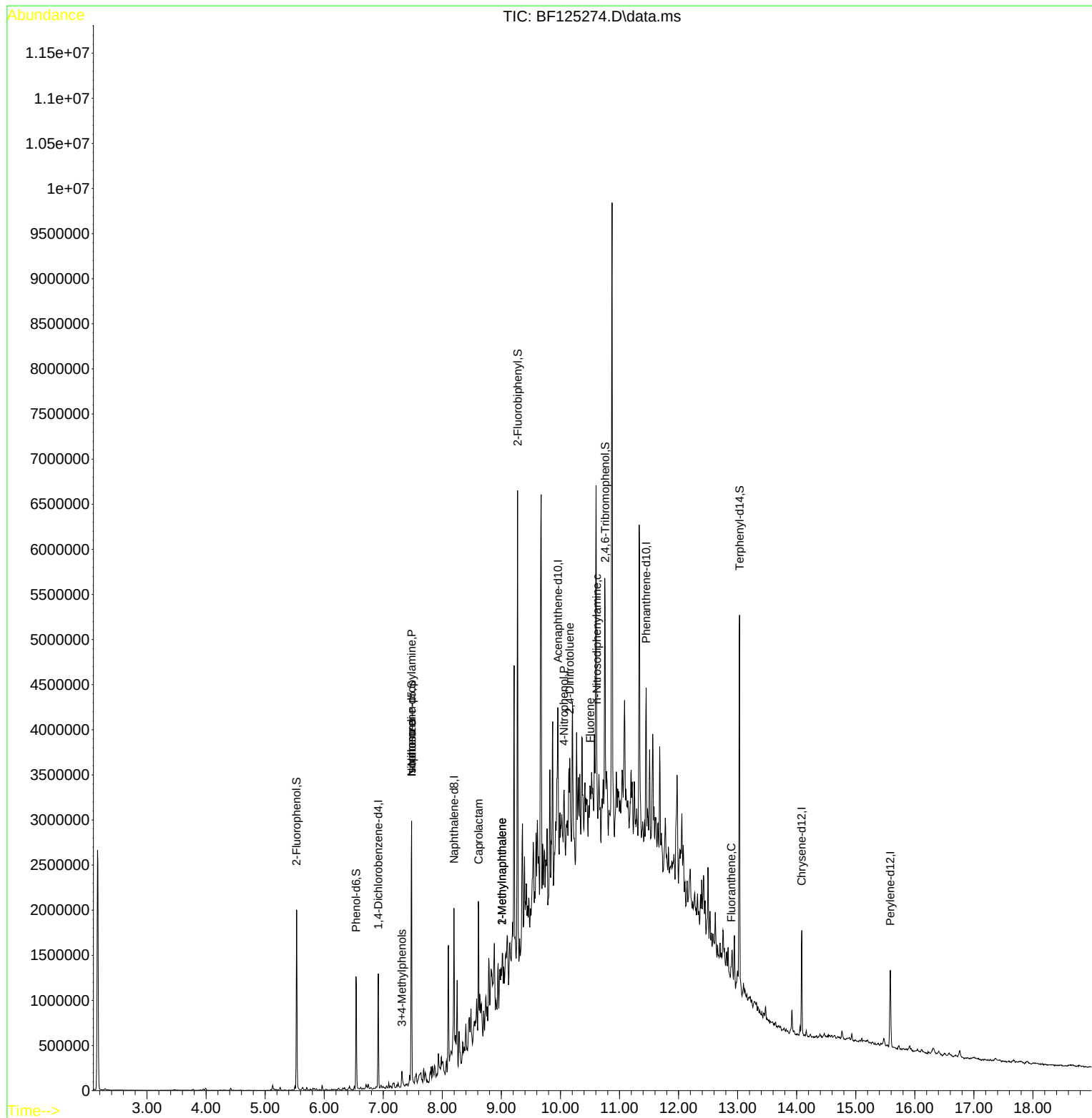
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	161384	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	624928	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	328760	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	562633	20.000	ng	0.01
76) Chrysene-d12	14.086	240	406483	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	417762	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	490342	45.989	ng	0.00
7) Phenol-d6	6.539	99	397334	28.814	ng	0.00
23) Nitrobenzene-d5	7.481	82	878647	70.784	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	411593	125.419	ng	0.02
45) 2-Fluorobiphenyl	9.274	172	1543576	65.438	ng	0.00
79) Terphenyl-d14	13.033	244	1580241	61.933	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	119928	14.459	ng	# 57
20) 3+4-Methylphenols	7.316	107	32644	2.846	ng	# 75
25) Isophorone	7.481	82	878647	36.692	ng	# 59
35) Caprolactam	8.616	113	28973	11.600	ng	# 1
37) 2-Methylnaphthalene	9.010	142	50980	2.411	ng	99
38) 1-Methylnaphthalene	9.010	142	50980	2.581	ng	95
56) 4-Nitrophenol	10.063	139	18741	4.442	ng	# 4
57) 2,4-Dinitrotoluene	10.157	165	13922	2.328	ng	# 53
58) Fluorene	10.504	166	60339	2.915	ng	# 79
66) n-Nitrosodiphenylamine	10.616	169	166328	8.256	ng	# 42
75) Fluoranthene	12.892	202	67001	2.178	ng	84

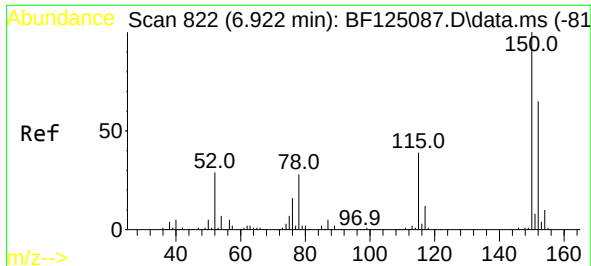
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
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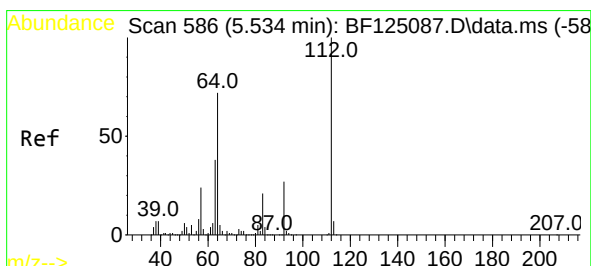
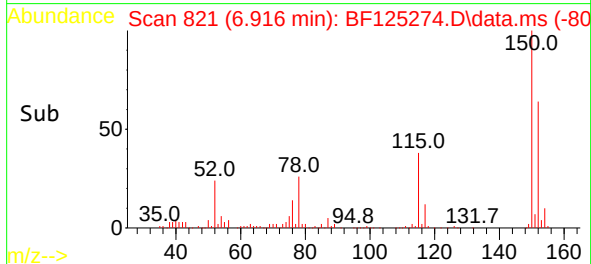
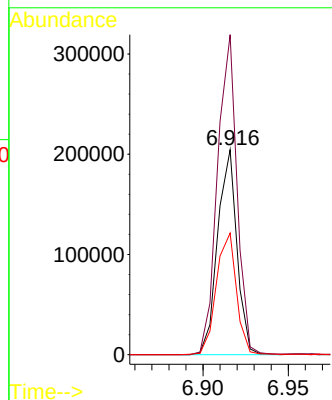
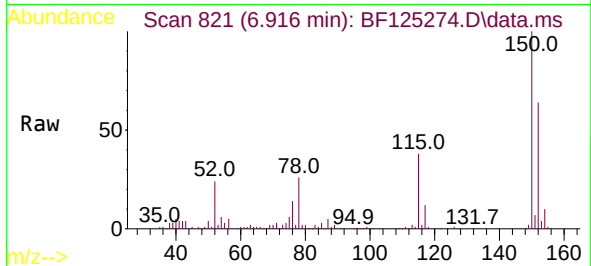




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

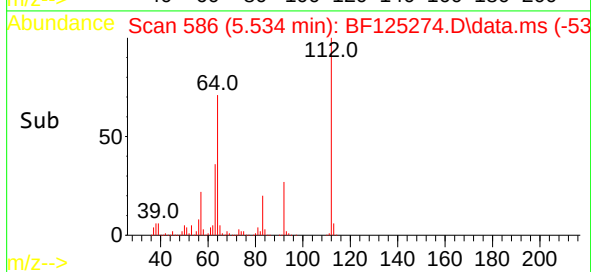
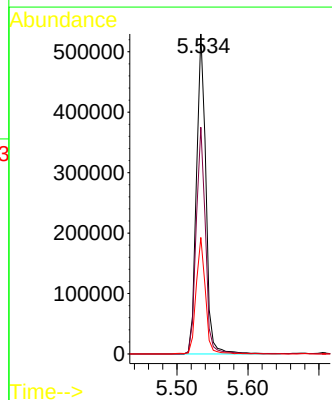
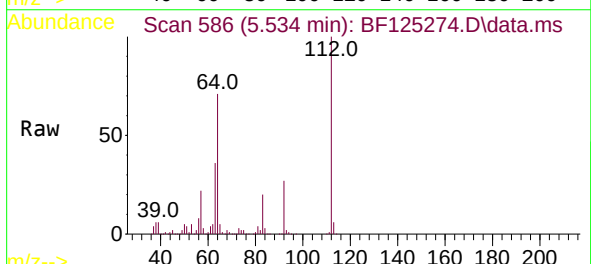
Instrument :
BNA_F
ClientSampleId :
VE4-7

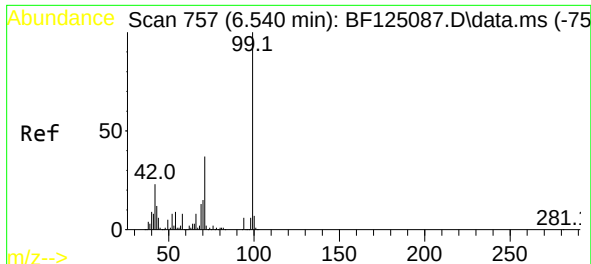
Tgt Ion:152 Resp: 161384
Ion Ratio Lower Upper
152 100
150 156.1 117.6 176.4
115 59.3 47.1 70.7



#5
2-Fluorophenol
Concen: 45.989 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

Tgt Ion:112 Resp: 490342
Ion Ratio Lower Upper
112 100
64 70.9 44.2 66.2#
63 36.4 26.2 39.2

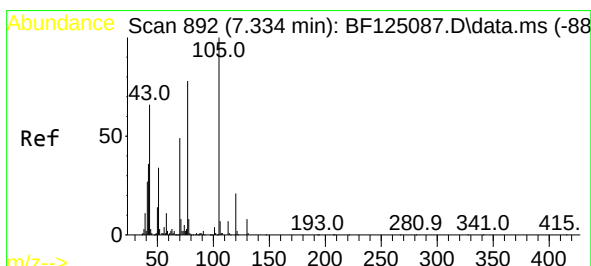
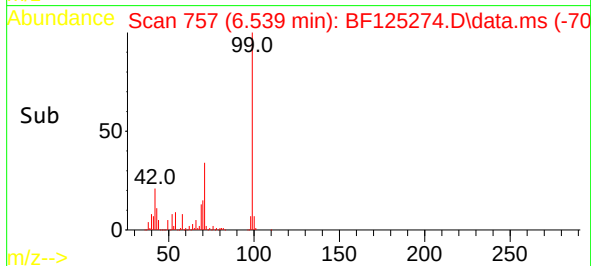
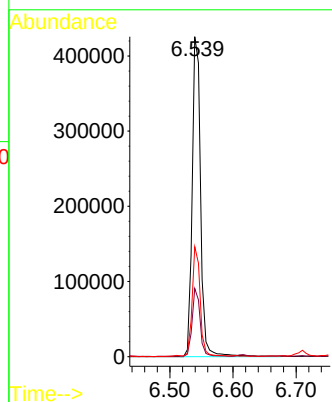
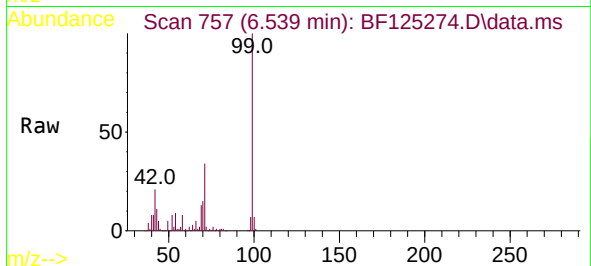




#7
Phenol-d6
Concen: 28.814 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

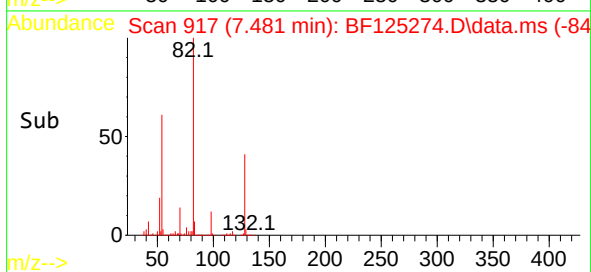
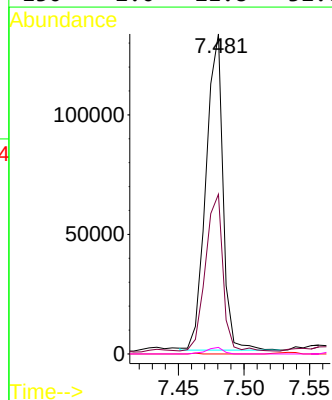
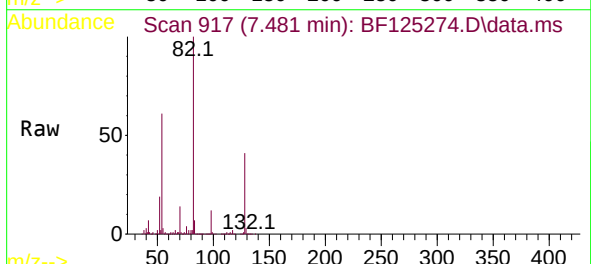
Instrument :
BNA_F
ClientSampleId :
VE4-7

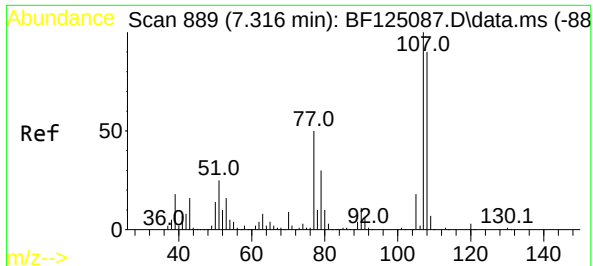
Tgt Ion: 99 Resp: 397334
Ion Ratio Lower Upper
99 100
42 21.3 23.5 35.3#
71 34.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.459 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

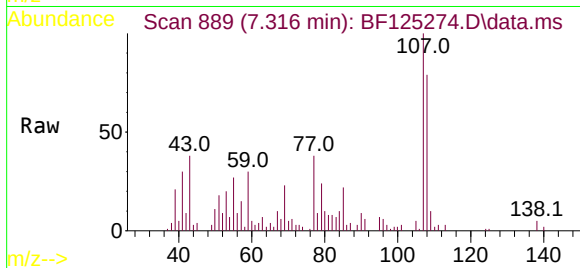
Tgt Ion: 70 Resp: 119928
Ion Ratio Lower Upper
70 100
42 49.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



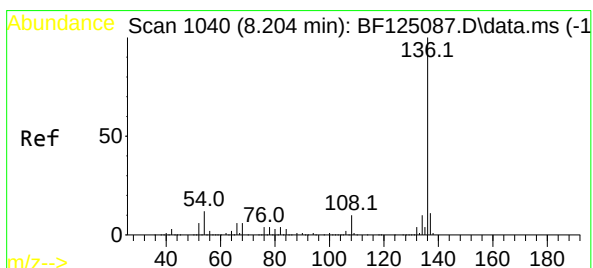
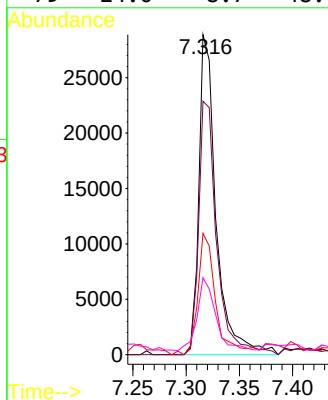
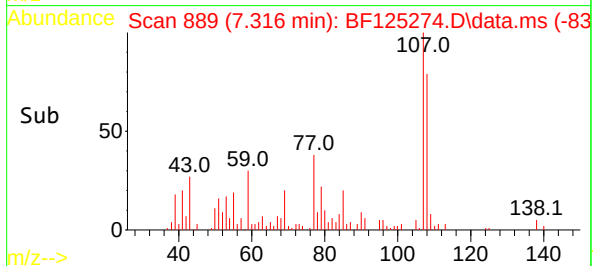


#20
3+4-Methylphenols
Concen: 2.846 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

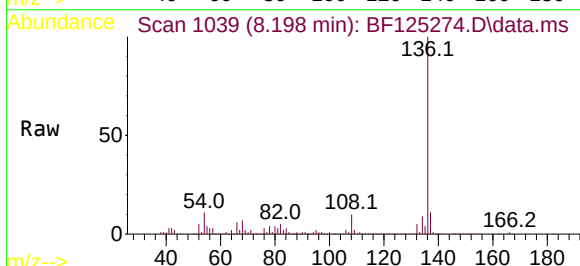
Instrument :
BNA_F
ClientSampleId :
VE4-7



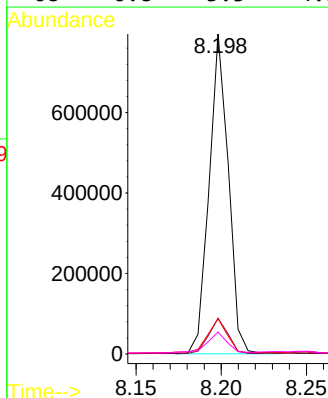
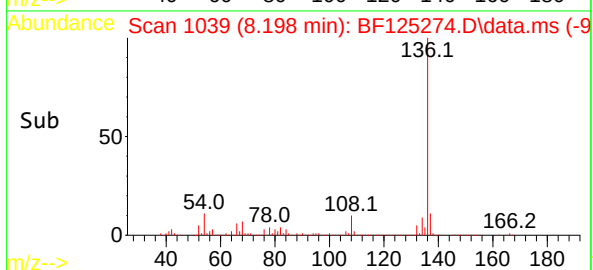
Tgt Ion:	107	Resp:	32644
Ion	Ratio	Lower	Upper
107	100		
108	79.2	76.6	116.6
77	37.9	53.3	93.3#
79	24.0	8.7	48.7

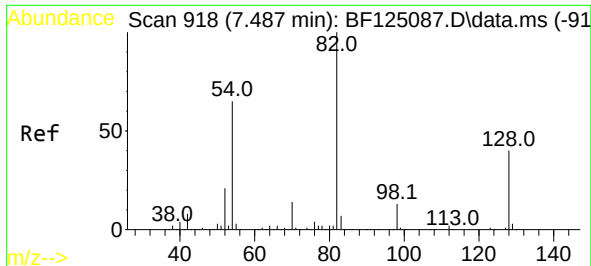


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32



Tgt Ion:	136	Resp:	624928
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	11.0	6.4	9.6#
68	6.8	3.3	4.9#

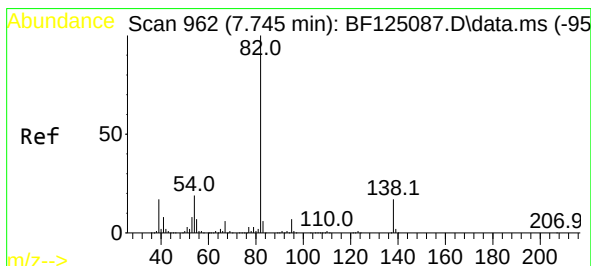
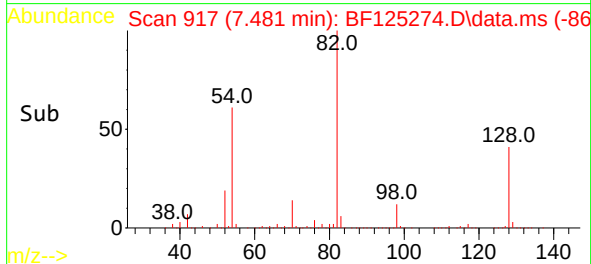
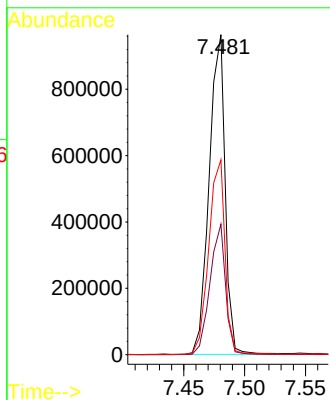
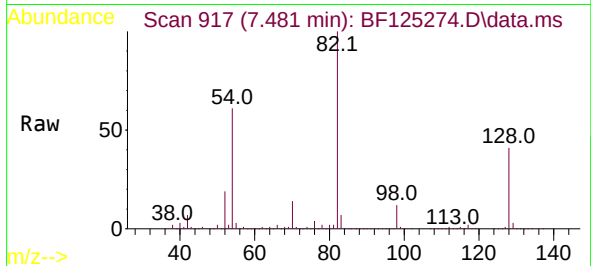




#23
Nitrobenzene-d5
Concen: 70.784 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

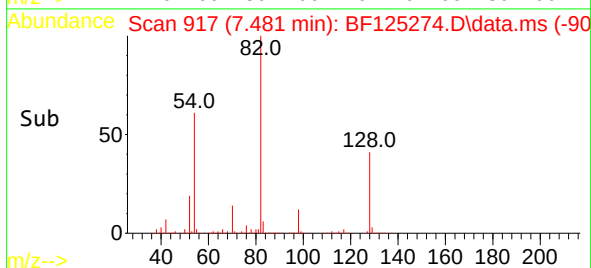
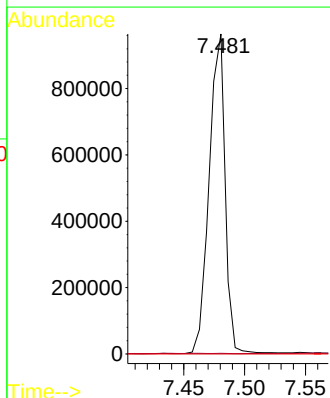
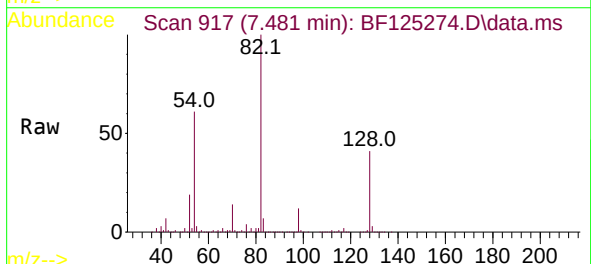
Instrument :
BNA_F
ClientSampleId :
VE4-7

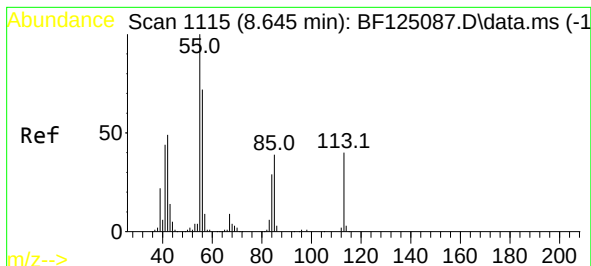
Tgt Ion: 82 Resp: 878647
Ion Ratio Lower Upper
82 100
128 40.8 40.6 60.8
54 60.9 49.6 74.4



#25
Isophorone
Concen: 36.692 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.253 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

Tgt Ion: 82 Resp: 878647
Ion Ratio Lower Upper
82 100
95 0.2 6.5 9.7#
138 0.0 18.4 27.6#

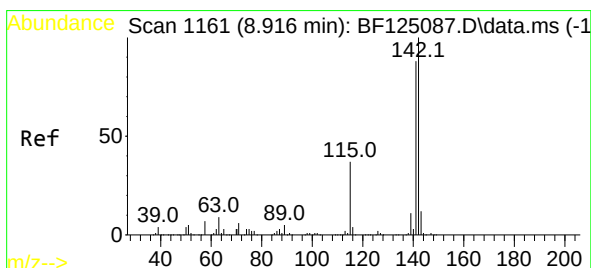
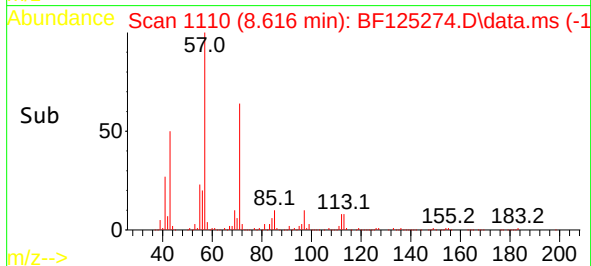
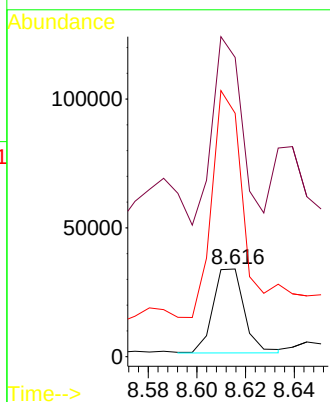
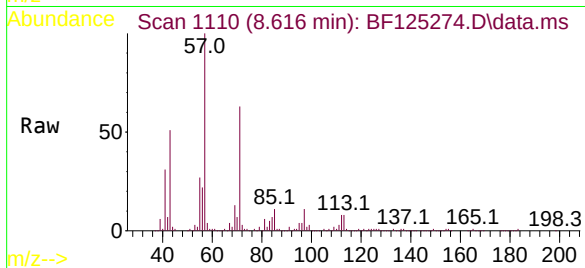




#35
Caprolactam
Concen: 11.600 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

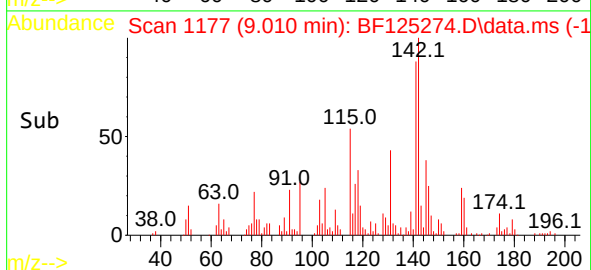
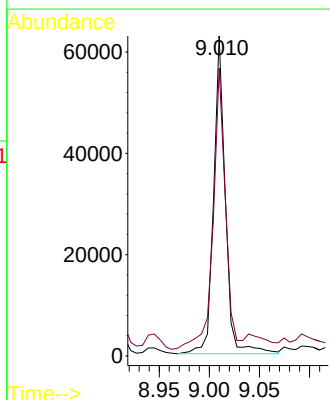
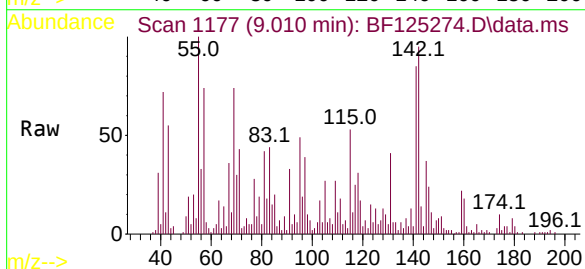
Instrument :
BNA_F
ClientSampled :
VE4-7

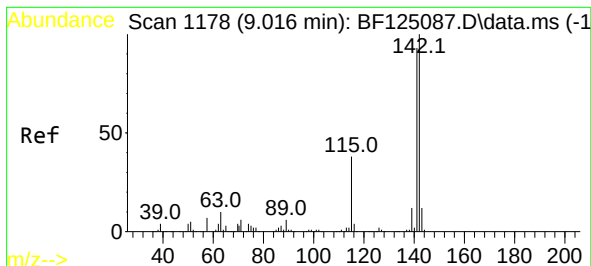
Tgt Ion:113 Resp: 28973
Ion Ratio Lower Upper
113 100
55 341.3 154.1 194.1#
56 277.7 108.7 148.7#



#37
2-Methylnaphthalene
Concen: 2.411 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.100 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

Tgt Ion:142 Resp: 50980
Ion Ratio Lower Upper
142 100
141 89.9 71.2 106.8

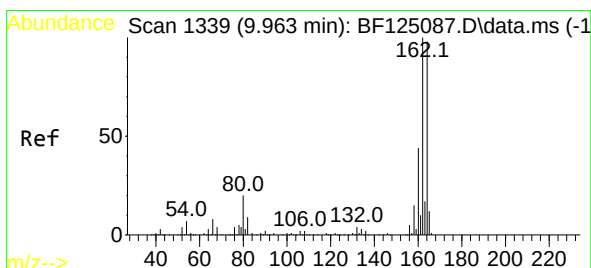
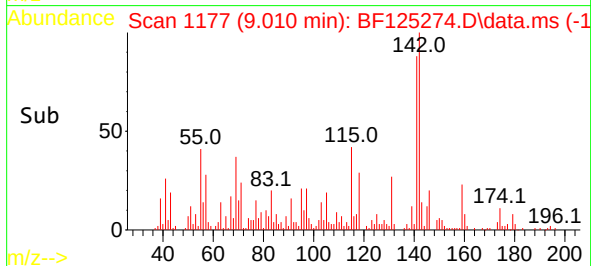
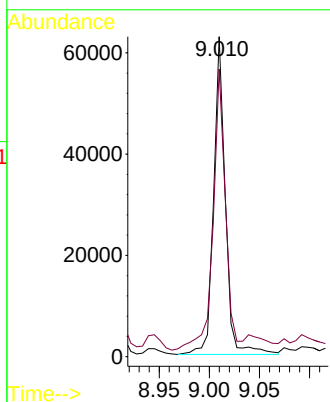
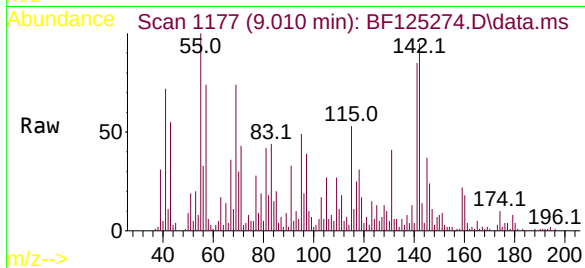




#38
1-Methylnaphthalene
Concen: 2.581 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

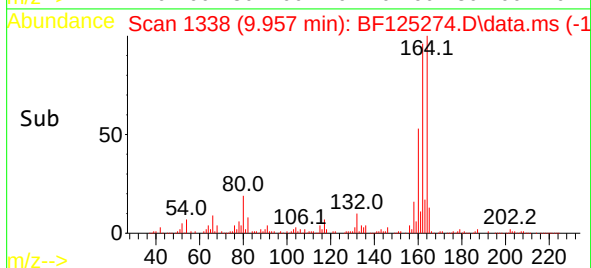
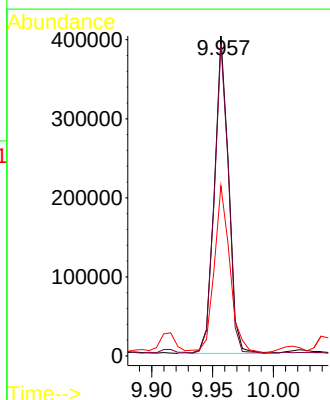
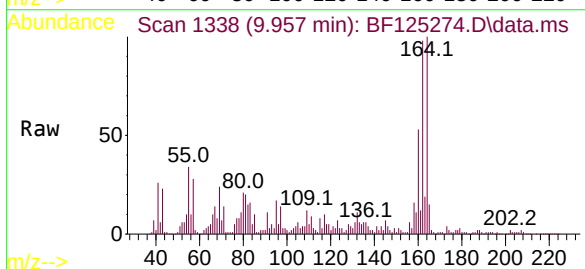
Instrument :
BNA_F
ClientSampled :
VE4-7

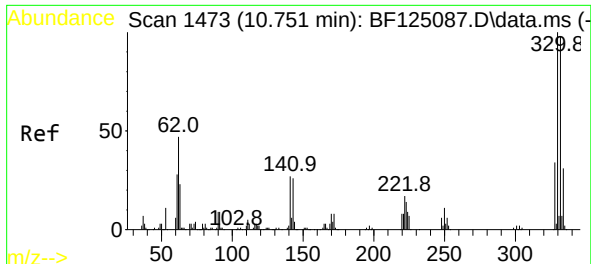
Tgt Ion:142 Resp: 50980
Ion Ratio Lower Upper
142 100
141 89.9 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

Tgt Ion:164 Resp: 328760
Ion Ratio Lower Upper
164 100
162 97.6 81.3 121.9
160 53.2 38.0 57.0

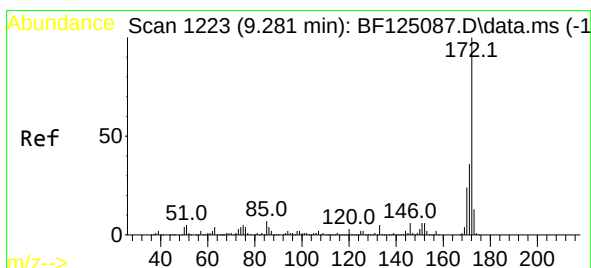
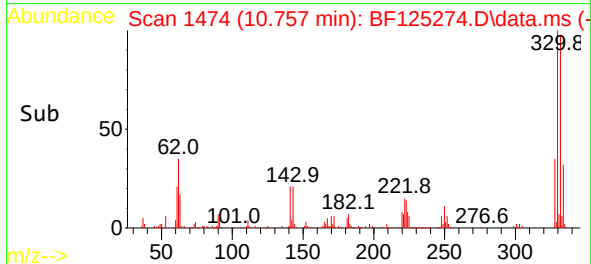
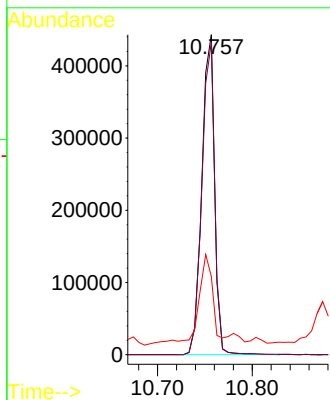
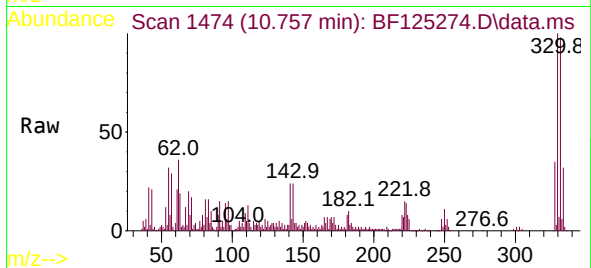




#42
2,4,6-Tribromophenol
Concen: 125.419 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.018 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

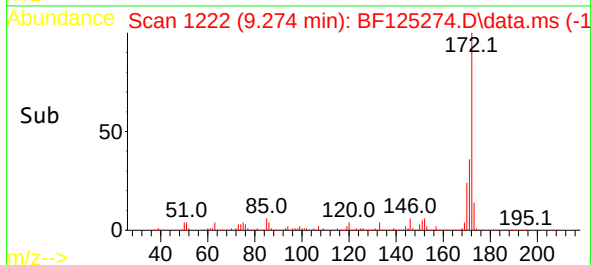
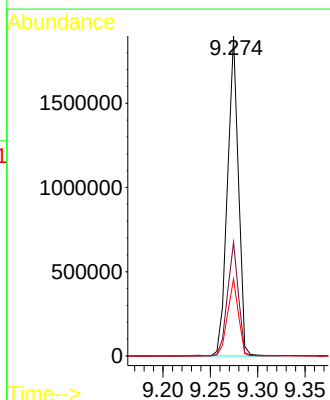
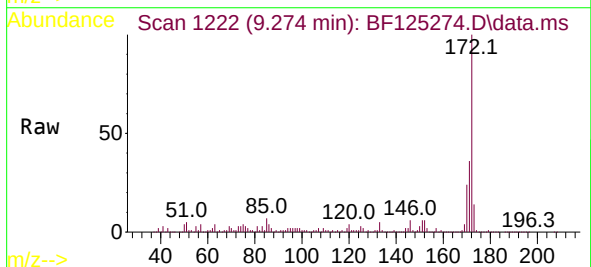
Instrument :
BNA_F
ClientSampled :
VE4-7

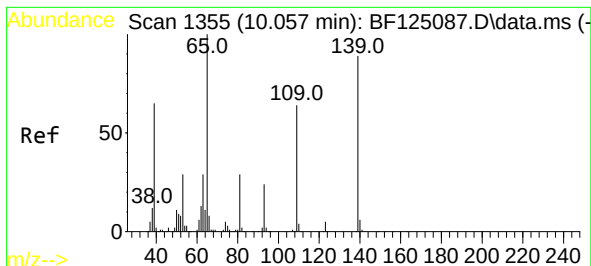
Tgt Ion: 330 Resp: 411593
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 32.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 65.438 ng
RT: 9.274 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

Tgt Ion: 172 Resp: 1543576
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.0 18.8 28.2

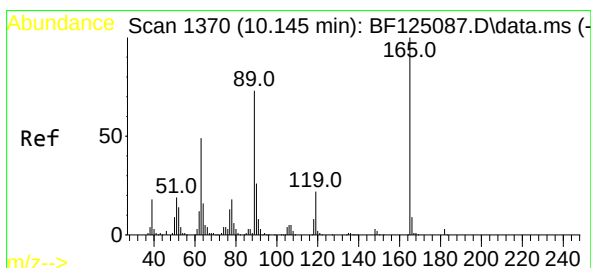
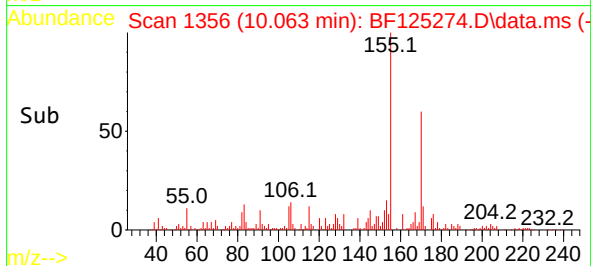
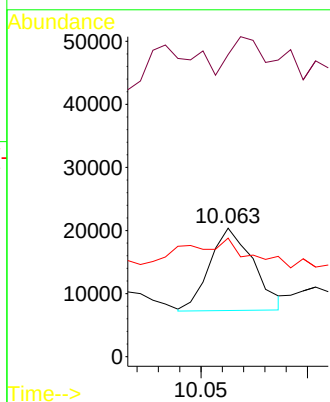
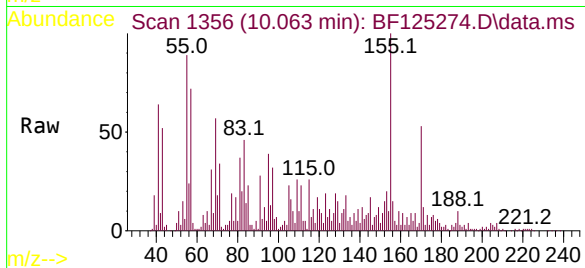




#56
4-Nitrophenol
Concen: 4.442 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

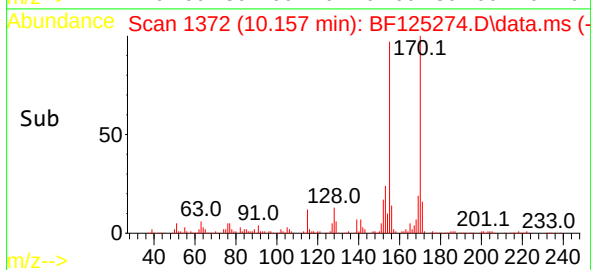
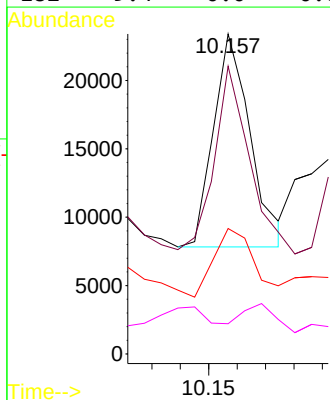
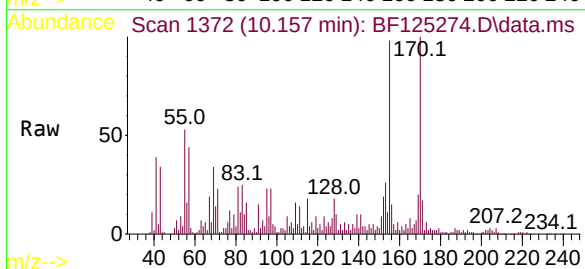
Instrument :
BNA_F
ClientSampled :
VE4-7

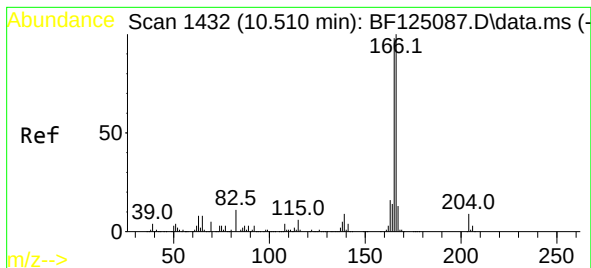
Tgt Ion:139 Resp: 18741
Ion Ratio Lower Upper
139 100
109 235.2 60.4 100.4#
65 92.3 58.4 98.4



#57
2,4-Dinitrotoluene
Concen: 2.328 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.023 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

Tgt Ion:165 Resp: 13922
Ion Ratio Lower Upper
165 100
63 89.9 40.9 61.3#
89 39.2 59.7 89.5#
182 9.4 0.0 0.0#

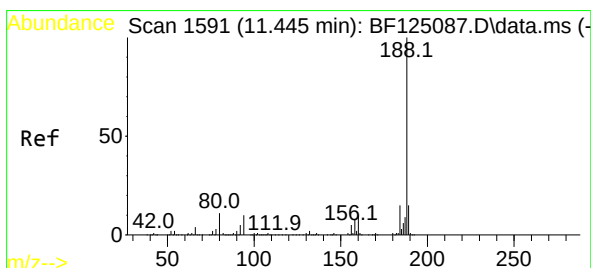
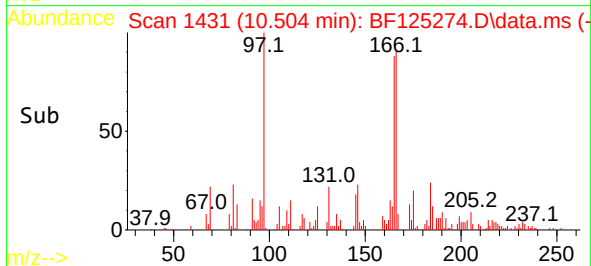
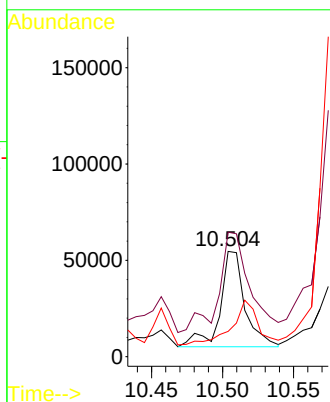
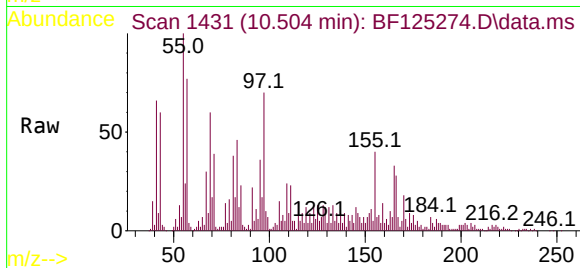




#58
Fluorene
Concen: 2.915 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

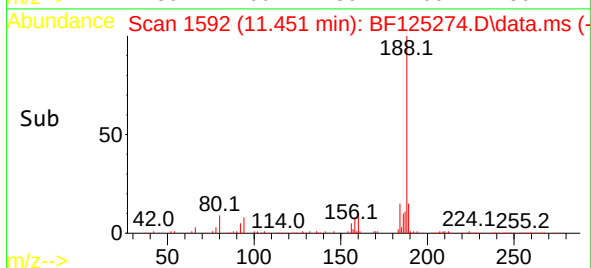
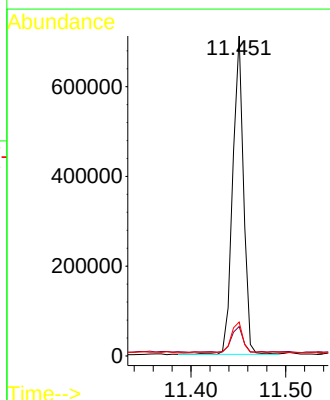
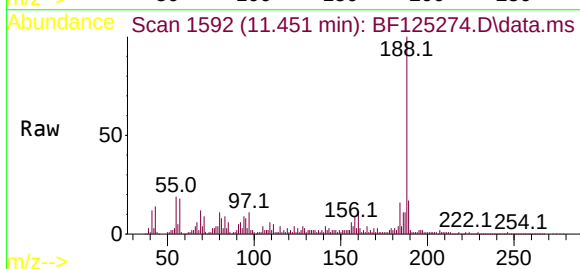
Instrument :
BNA_F
ClientSampleId :
VE4-7

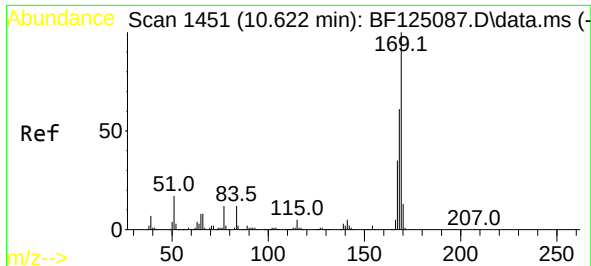
Tgt Ion:166 Resp: 60339
Ion Ratio Lower Upper
166 100
165 118.1 78.1 117.1#
167 24.0 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.012 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

Tgt Ion:188 Resp: 562633
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.6 7.5 11.3

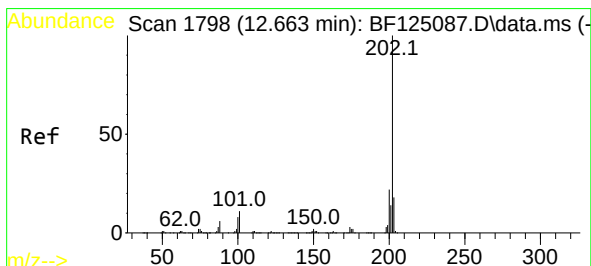
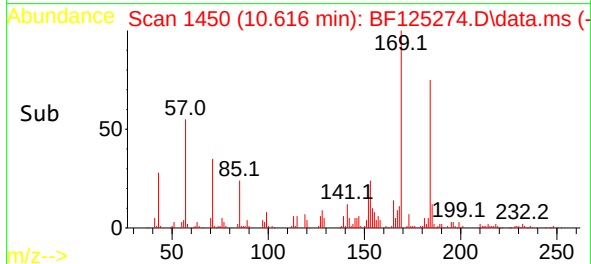
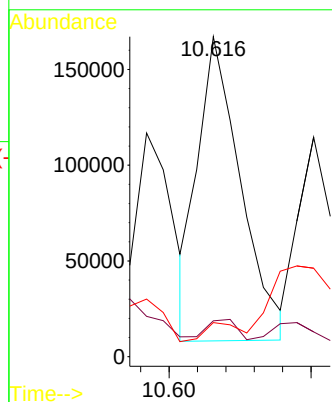
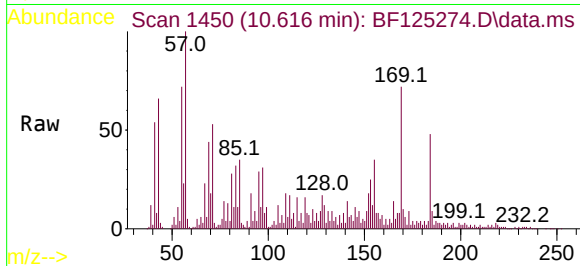




#66
n-Nitrosodiphenylamine
Concen: 8.256 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

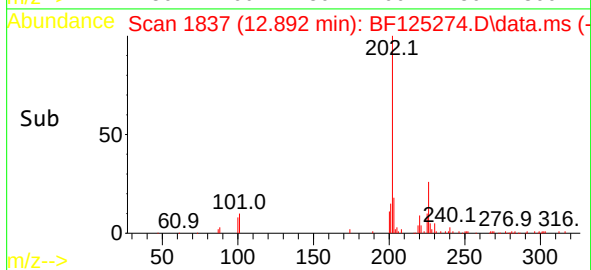
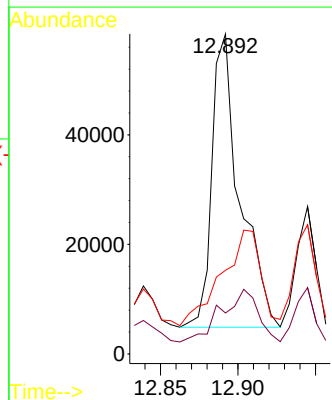
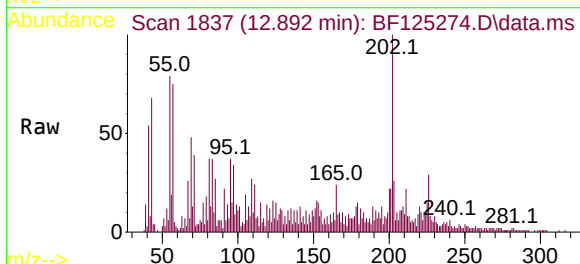
Instrument :
BNA_F
ClientSampled :
VE4-7

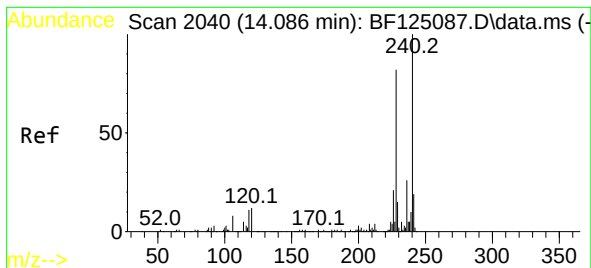
Tgt Ion:169 Resp: 166328
Ion Ratio Lower Upper
169 100
168 11.2 50.8 76.2#
167 10.6 28.8 43.2#



#75
Fluoranthene
Concen: 2.178 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.241 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

Tgt Ion:202 Resp: 67001
Ion Ratio Lower Upper
202 100
101 12.8 0.0 30.7
203 26.2 0.0 36.3

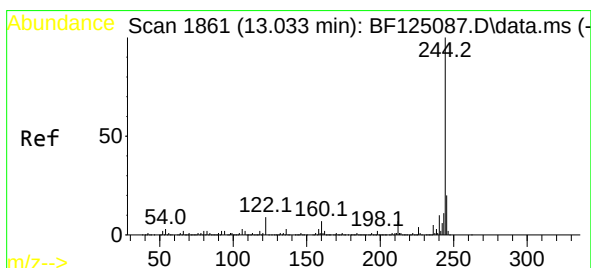
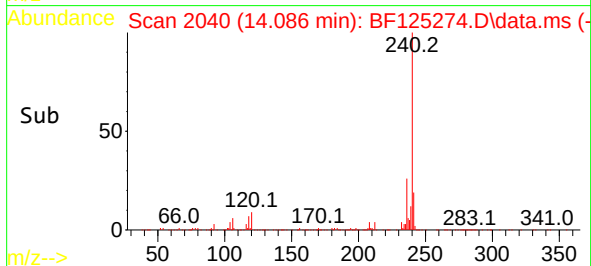
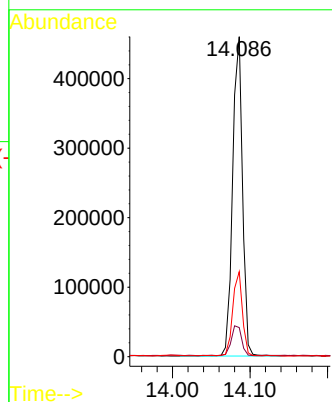
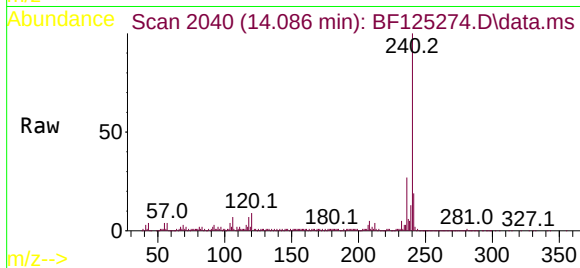




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

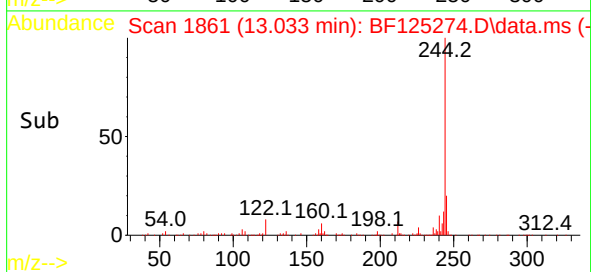
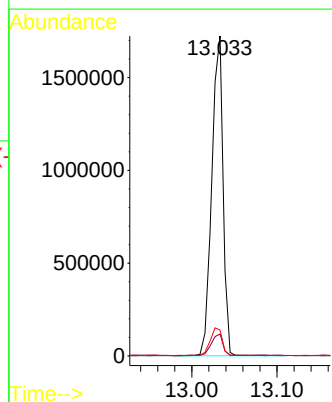
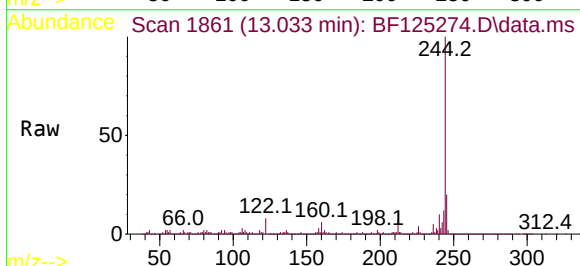
Instrument :
BNA_F
ClientSampled :
VE4-7

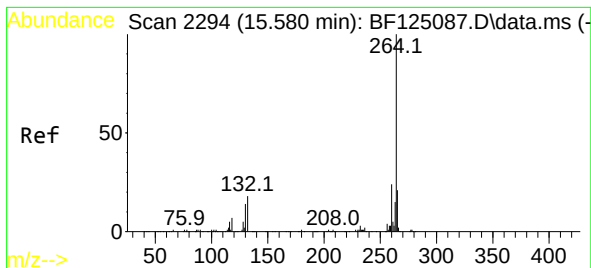
Tgt Ion:240 Resp: 406483
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 26.6 21.6 32.4



#79
Terphenyl-d14
Concen: 61.933 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.012 min
Lab File: BF125274.D
Acq: 30 Aug 2021 21:32

Tgt Ion:244 Resp: 1580241
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.1 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: BF125274.D
Acq: 30 Aug 2021 21:32

Instrument :
BNA_F
ClientSampleId :
VE4-7

Tgt Ion:264 Resp: 417762
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 22.0 17.2 25.8

