

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
 Data File : BF125269.D
 Acq On : 30 Aug 2021 18:48
 Operator : JU/CG
 Sample : M3561-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE2-1

Quant Time: Aug 31 05:28:22 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)

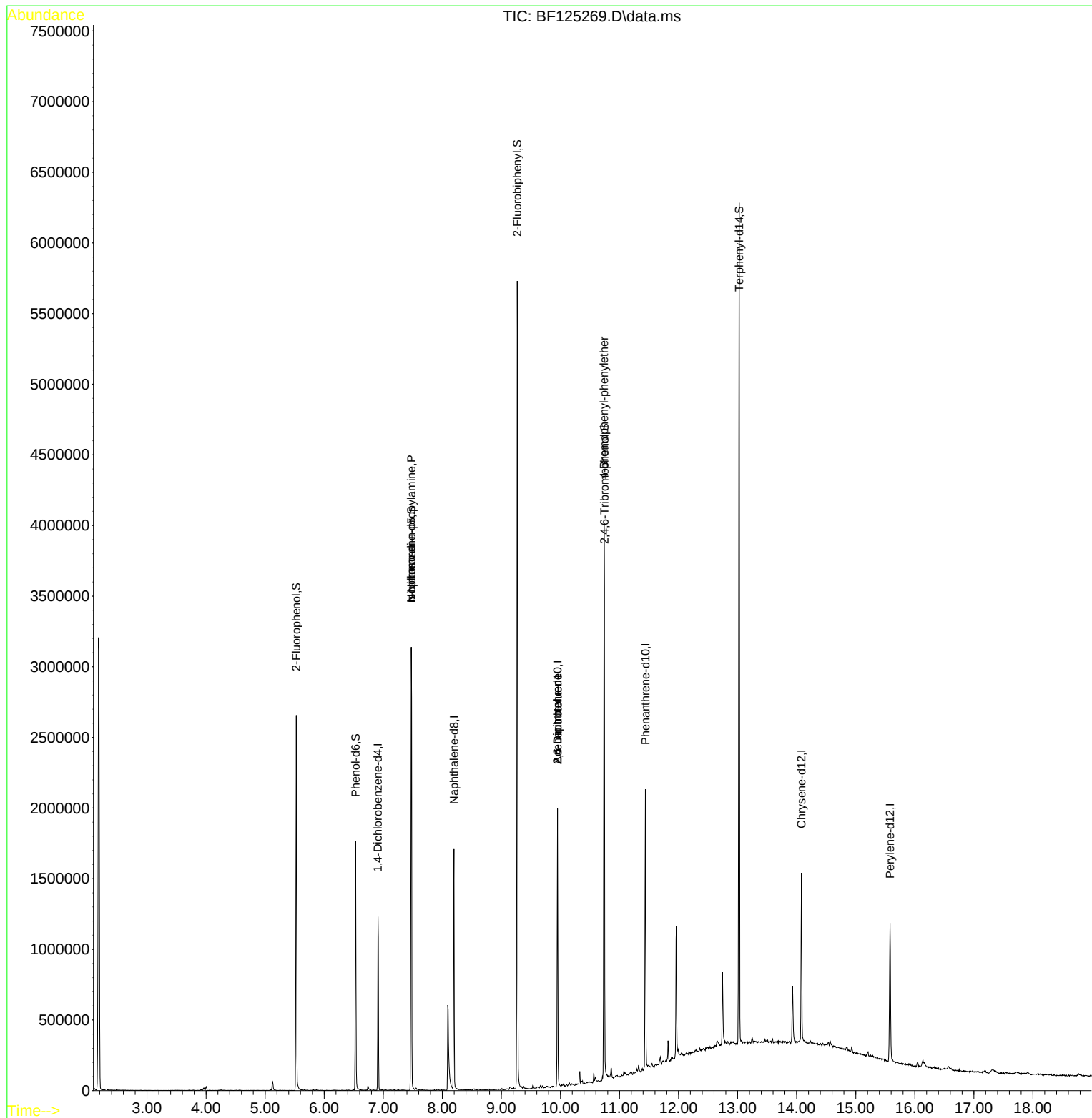
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	173932	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	683207	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	375109	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	701897	20.000	ng	0.00
76) Chrysene-d12	14.080	240	423310	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	450721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	633831	55.158	ng	0.00
7) Phenol-d6	6.534	99	511766	34.435	ng	0.00
23) Nitrobenzene-d5	7.475	82	1038489	76.524	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	549821	146.838	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1859454	69.089	ng	0.00
79) Terphenyl-d14	13.027	244	2140813	80.568	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	140705	15.740	ng	# 58
25) Isophorone	7.475	82	1038478	39.667	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	50100	8.888	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	50100	7.344	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	32967	3.911	ng	# 1

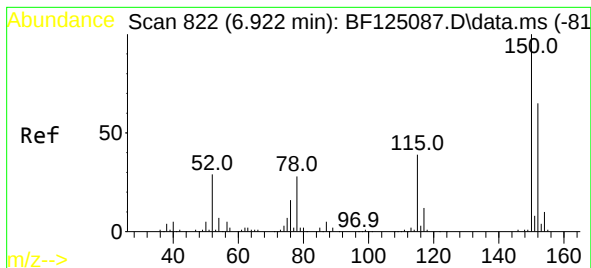
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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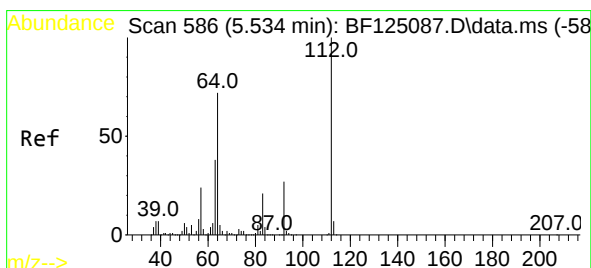
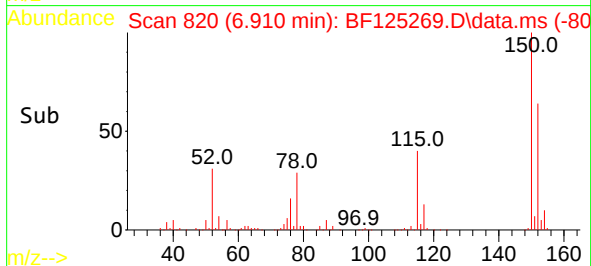
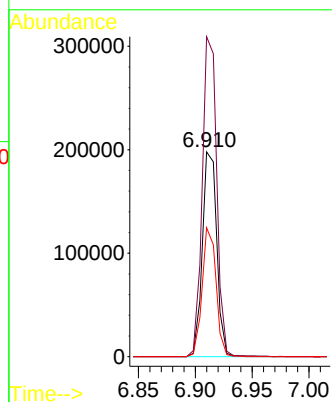
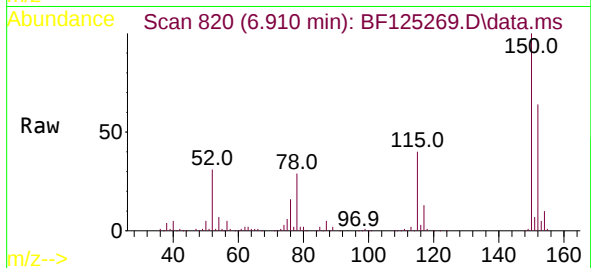




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

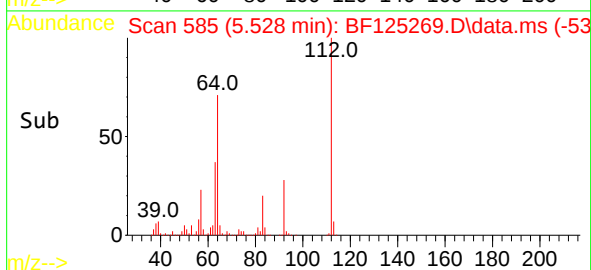
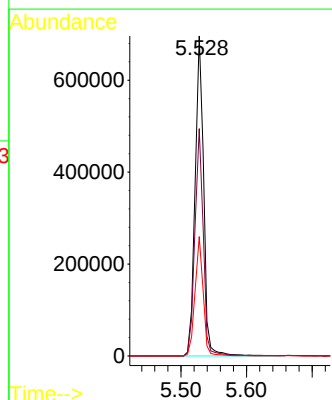
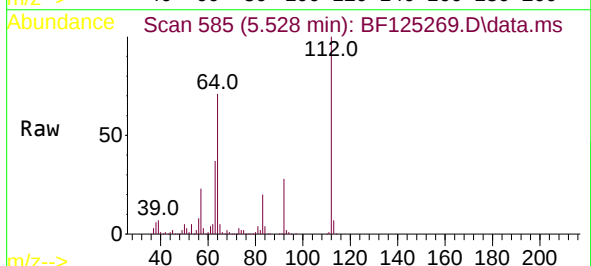
Instrument :
BNA_F
ClientSampleId :
VE2-1

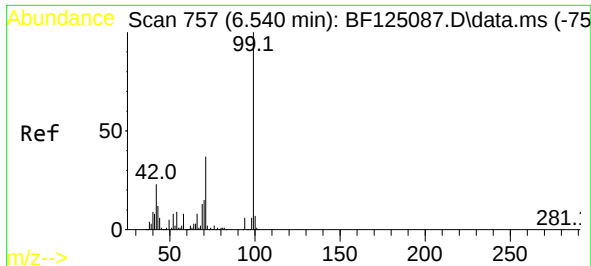
Tgt Ion:152 Resp: 173932
Ion Ratio Lower Upper
152 100
150 156.3 117.6 176.4
115 63.0 47.1 70.7



#5
2-Fluorophenol
Concen: 55.158 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

Tgt Ion:112 Resp: 633831
Ion Ratio Lower Upper
112 100
64 71.0 44.2 66.2#
63 37.3 26.2 39.2

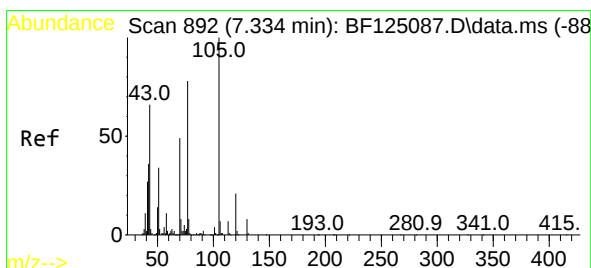
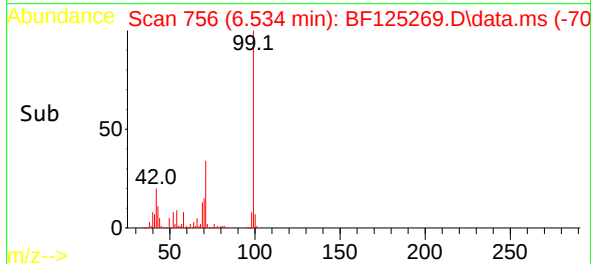
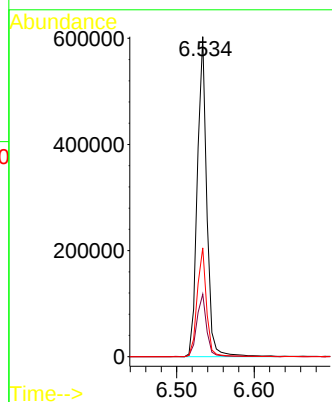
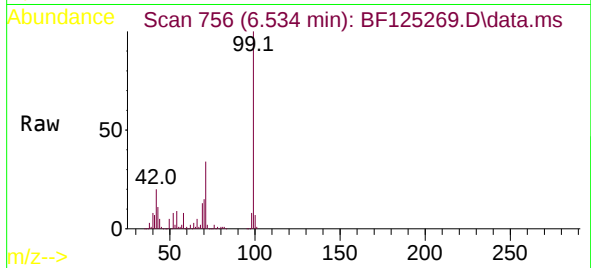




#7
Phenol-d6
Concen: 34.435 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

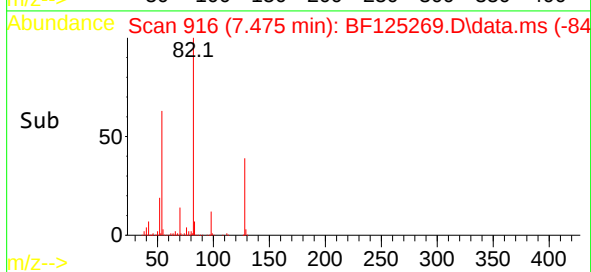
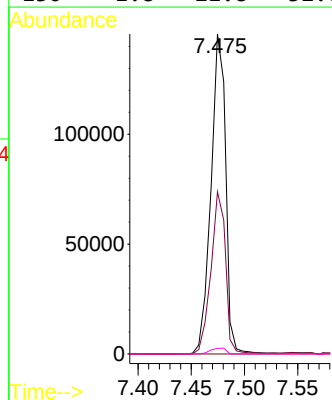
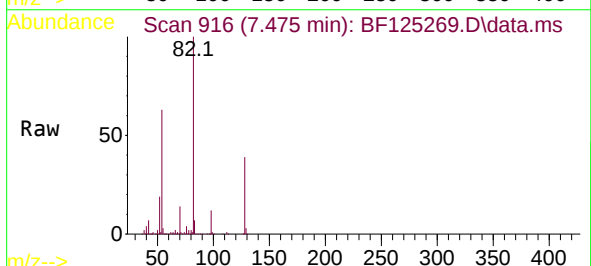
Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion: 99 Resp: 511766
Ion Ratio Lower Upper
99 100
42 19.5 23.5 35.3#
71 34.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.740 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

Tgt Ion: 70 Resp: 140705
Ion Ratio Lower Upper
70 100
42 50.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

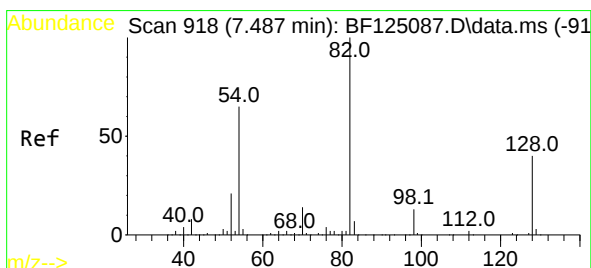
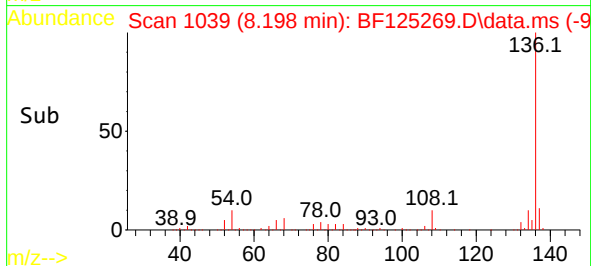
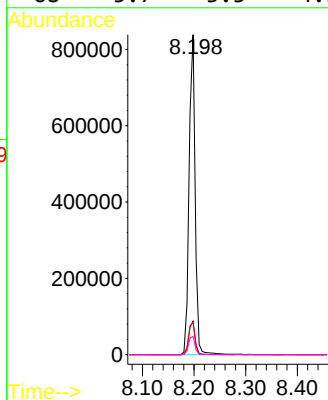
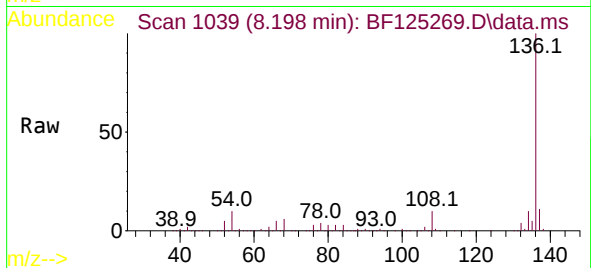




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

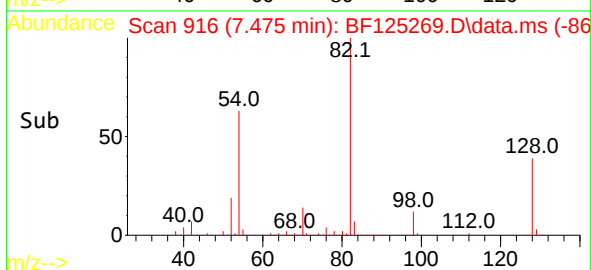
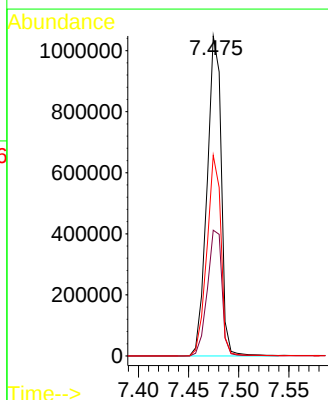
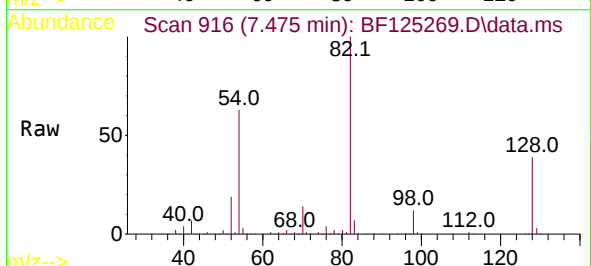
Instrument :
BNA_F
ClientSampleId :
VE2-1

Tgt Ion:	136	Resp:	683207
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	10.1	6.4	9.6#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 76.524 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

Tgt Ion:	82	Resp:	1038489
Ion	Ratio	Lower	Upper
82	100		
128	39.3	40.6	60.8#
54	62.7	49.6	74.4

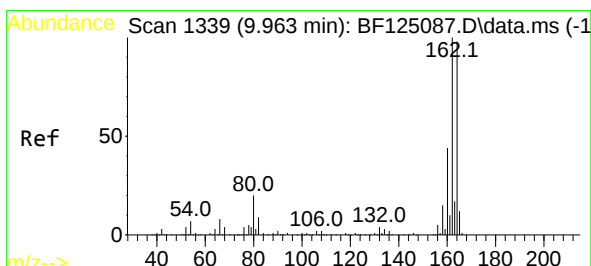
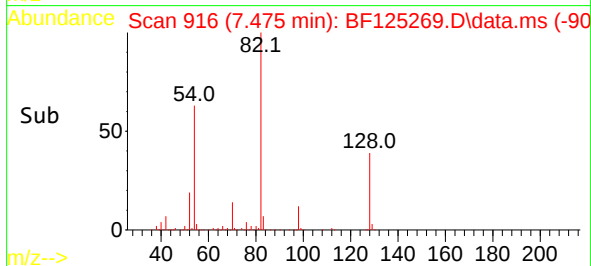
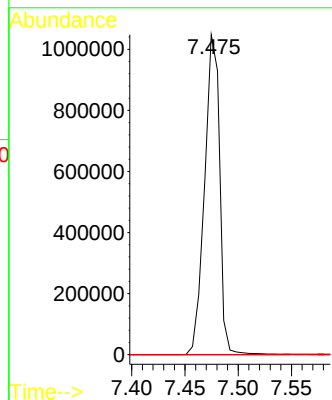
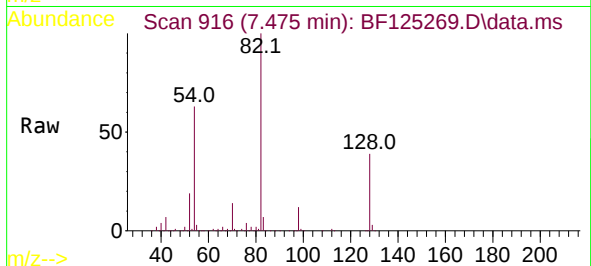




#25
Isophorone
Concen: 39.667 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

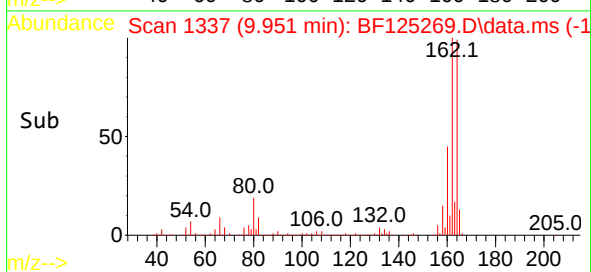
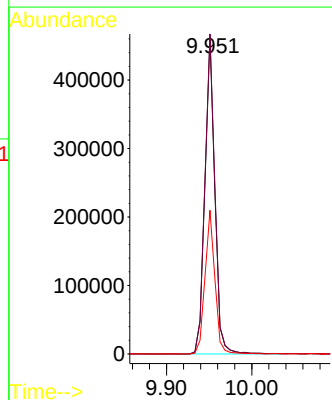
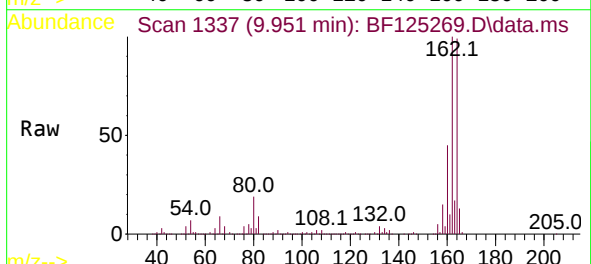
Instrument :
BNA_F
ClientSampleId :
VE2-1

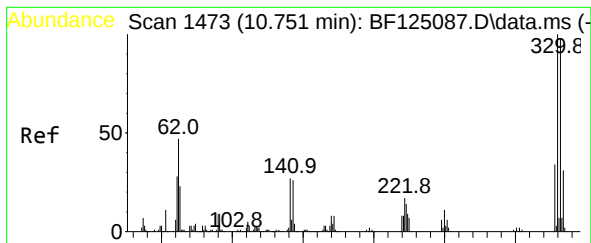
Tgt Ion: 82 Resp: 1038478
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

Tgt Ion: 164 Resp: 375109
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 45.2 38.0 57.0

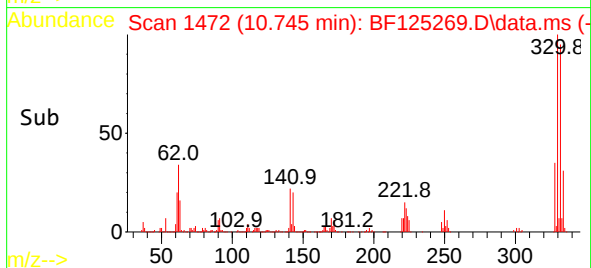
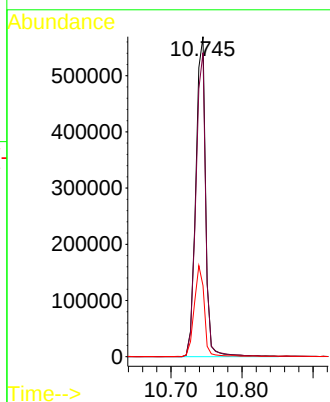
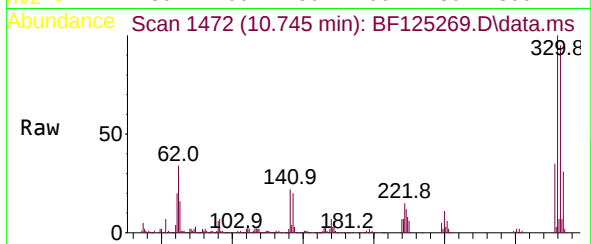




#42
2,4,6-Tribromophenol
Concen: 146.838 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

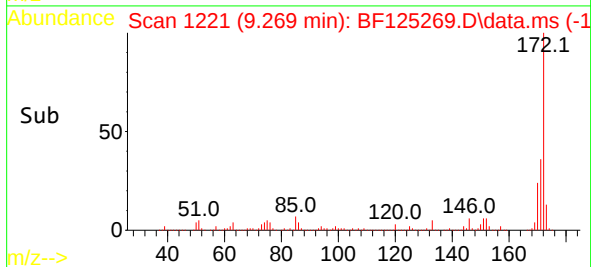
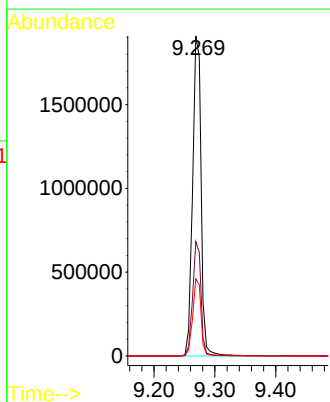
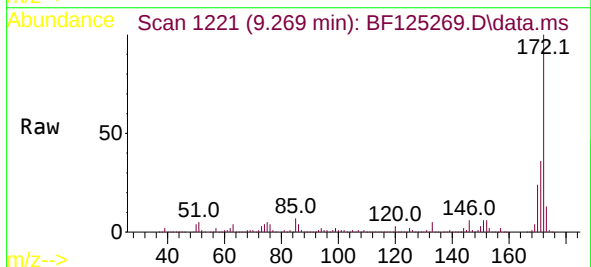
Instrument :
BNA_F
ClientSampleId :
VE2-1

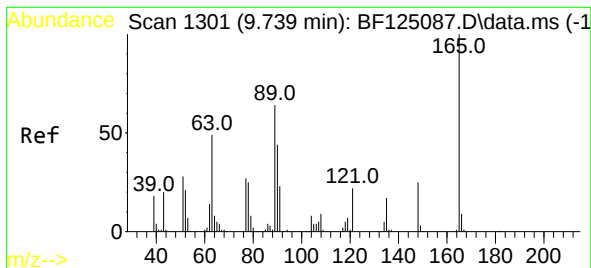
Tgt Ion: 330 Resp: 549821
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 29.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.089 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

Tgt Ion: 172 Resp: 1859454
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.1 18.8 28.2

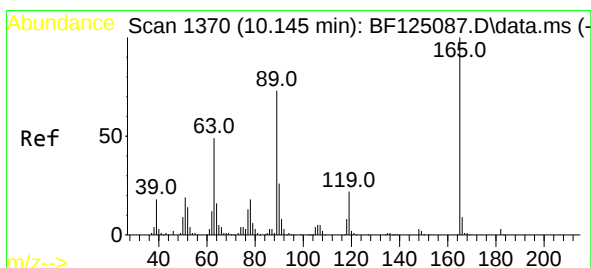
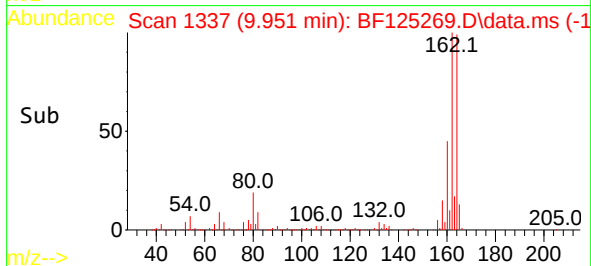
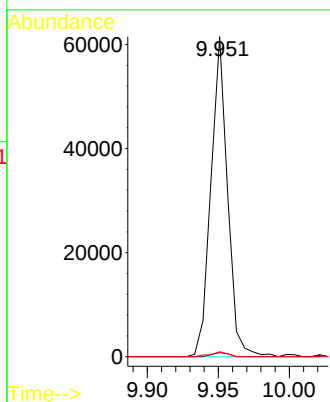
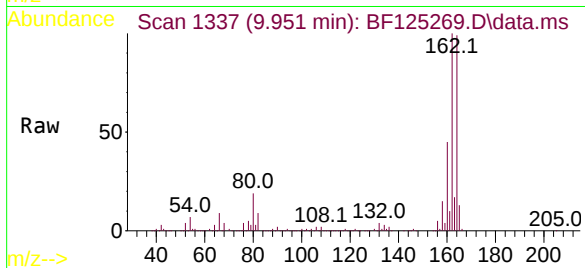




#51
2,6-Dinitrotoluene
Concen: 8.888 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

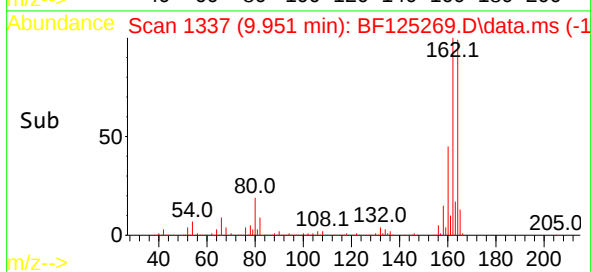
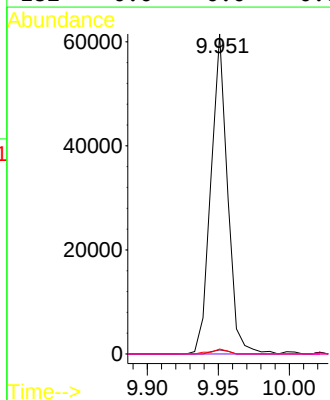
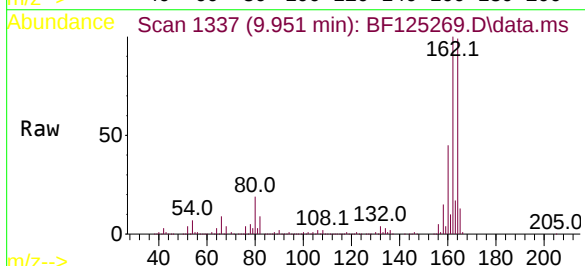
Instrument :
BNA_F
ClientSampled :
VE2-1

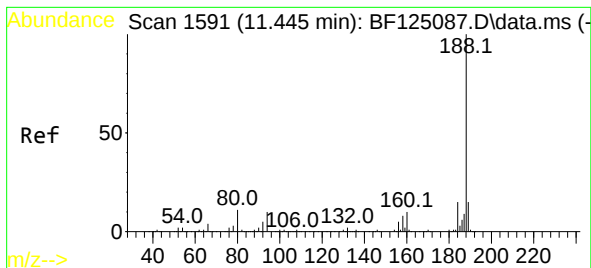
Tgt Ion:165 Resp: 50100
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.344 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

Tgt Ion:165 Resp: 50100
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

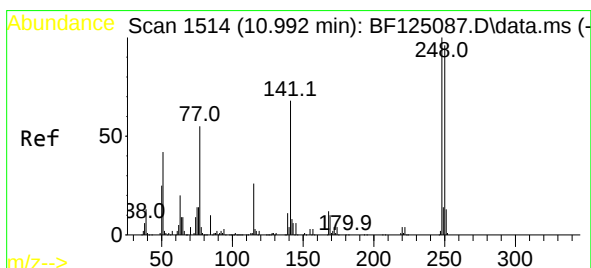
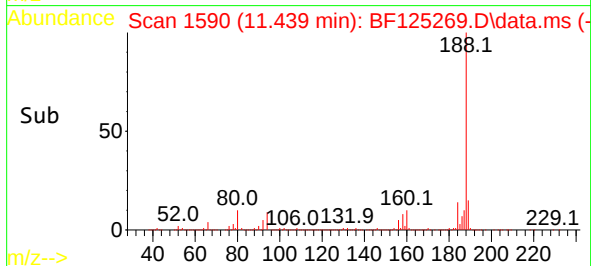
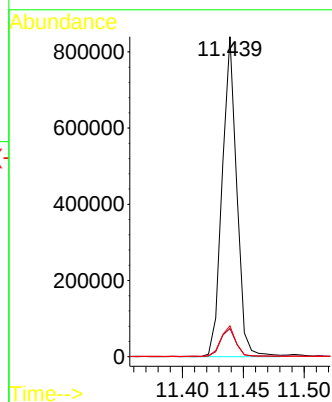
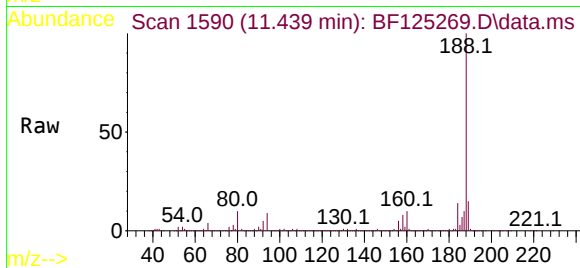




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

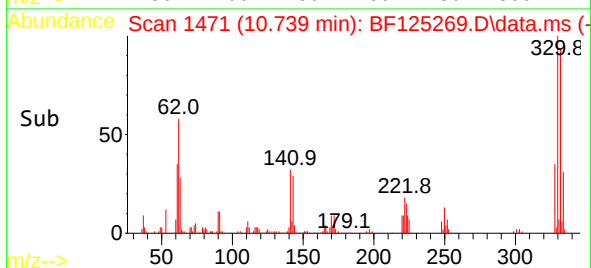
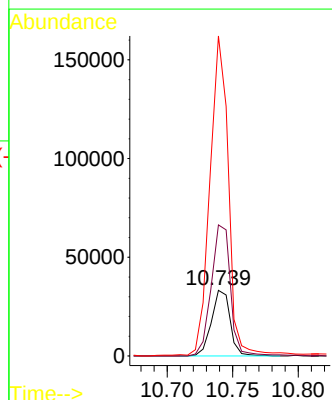
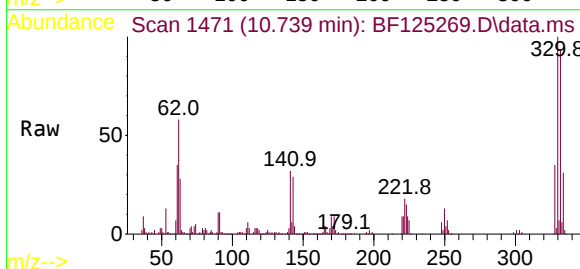
Instrument :
BNA_F
ClientSampled :
VE2-1

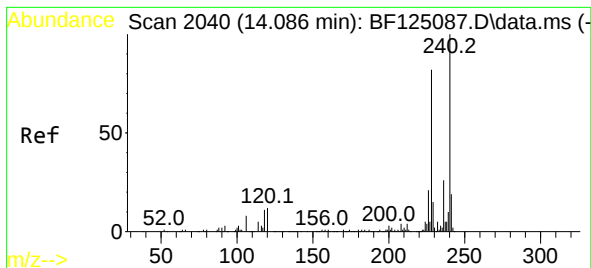
Tgt Ion:188 Resp: 701897
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.911 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

Tgt Ion:248 Resp: 32967
Ion Ratio Lower Upper
248 100
250 199.7 74.2 111.4#
141 487.5 60.4 90.6#

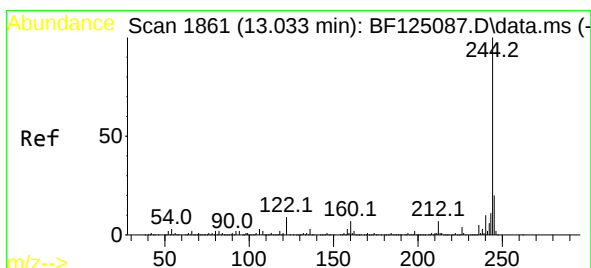
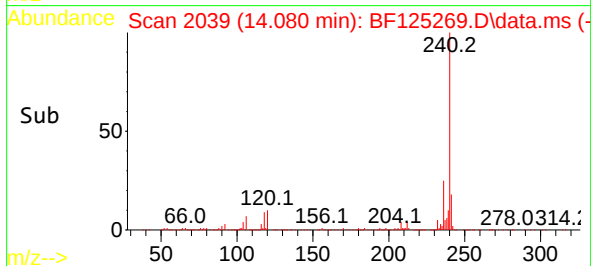
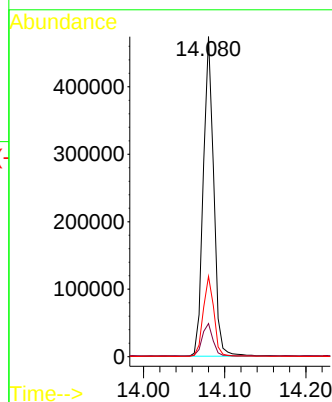
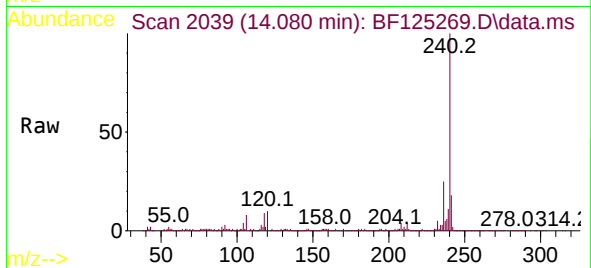




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

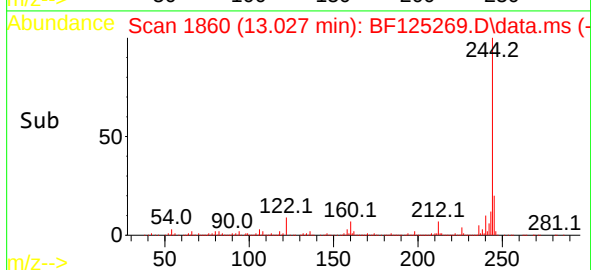
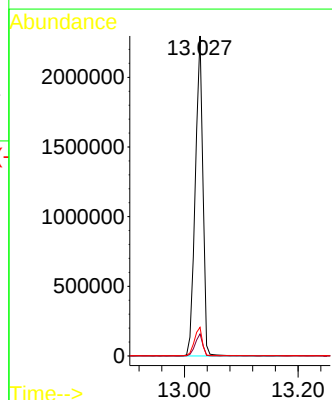
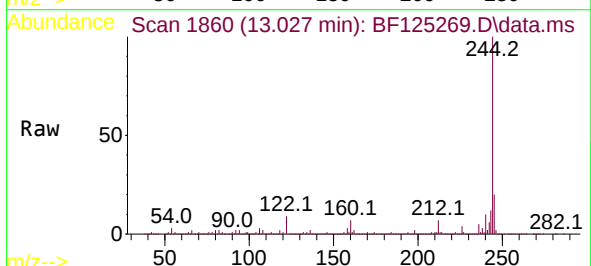
Instrument :
BNA_F
ClientSampleId :
VE2-1

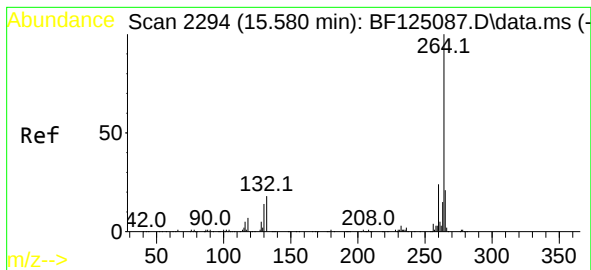
Tgt Ion:240 Resp: 423310
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 25.1 21.6 32.4



#79
Terphenyl-d14
Concen: 80.568 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125269.D
Acq: 30 Aug 2021 18:48

Tgt Ion:244 Resp: 2140813
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.0 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.006 min
 Lab File: BF125269.D
 Acq: 30 Aug 2021 18:48

Instrument :
 BNA_F
 ClientSampleId :
 VE2-1

Tgt Ion:264 Resp: 450721
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 22.3 17.2 25.8

