

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
 Data File : BF125266.D
 Acq On : 30 Aug 2021 17:10
 Operator : JU/CG
 Sample : M3561-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE1-2

Quant Time: Aug 31 05:27:30 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

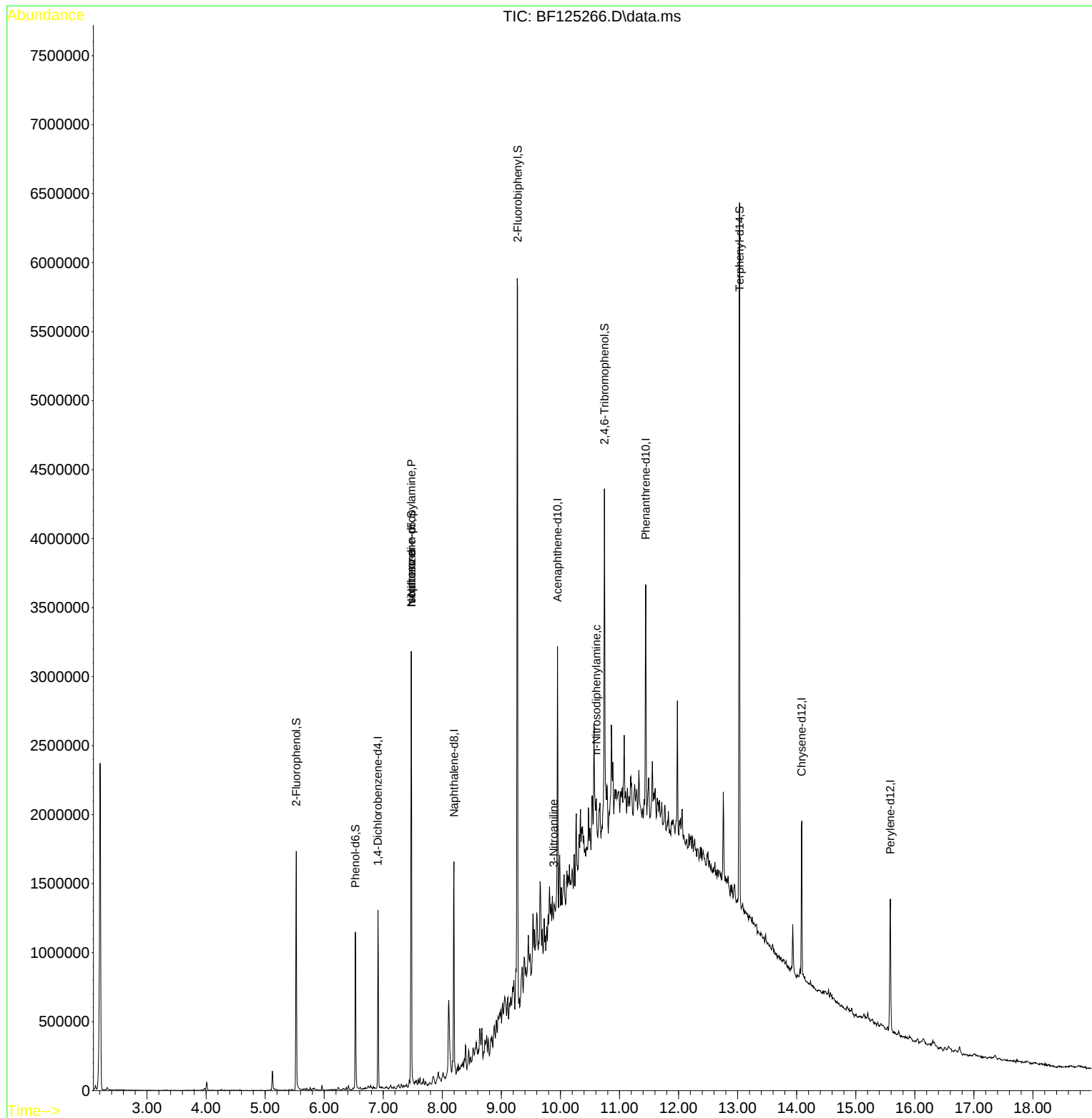
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	166488	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	661212	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	352010	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	631245	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	415030	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	429102	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	424286	38.573	ng	0.00
7) Phenol-d6	6.528	99	360522	25.343	ng	-0.01
23) Nitrobenzene-d5	7.475	82	1009004	76.825	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	373301	106.237	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1783336	70.608	ng	0.00
79) Terphenyl-d14	13.033	244	2003420	76.901	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	139583	16.313	ng	# 58
25) Isophorone	7.475	82	1001245	39.517	ng	# 59
53) 3-Nitroaniline	9.886	138	15987	2.803	ng	# 13
66) n-Nitrosodiphenylamine	10.610	169	50792	2.247	ng	# 55

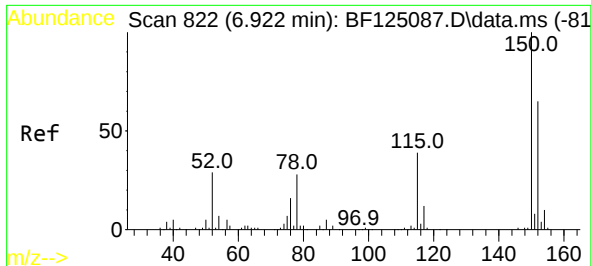
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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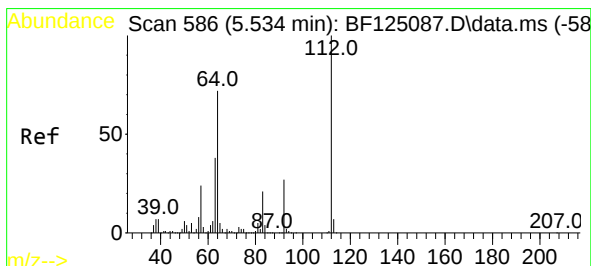
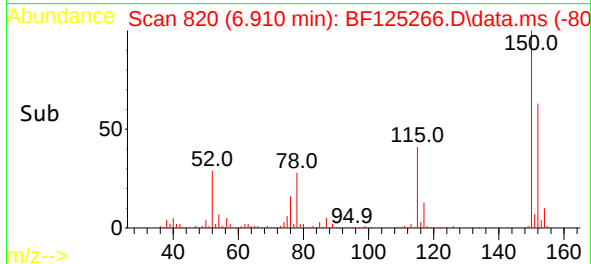
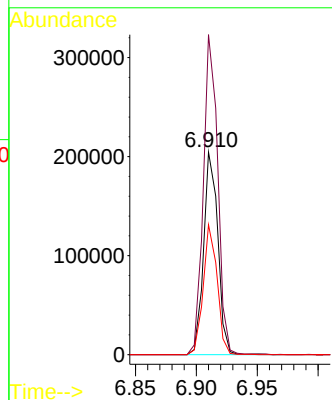
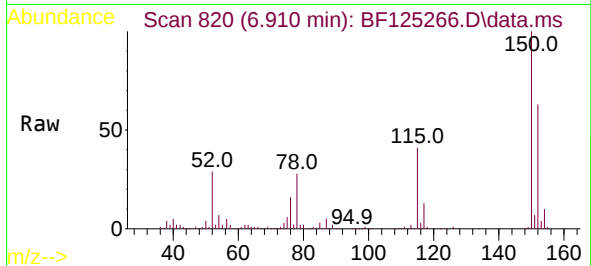




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

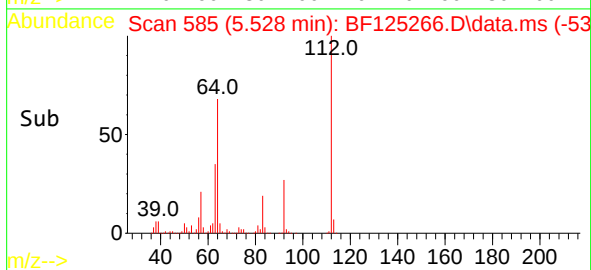
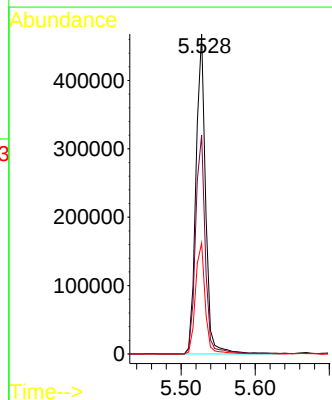
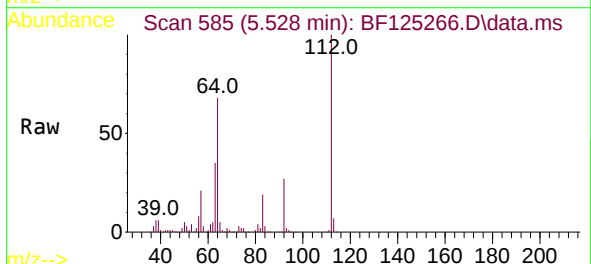
Instrument :
BNA_F
ClientSampled :
VE1-2

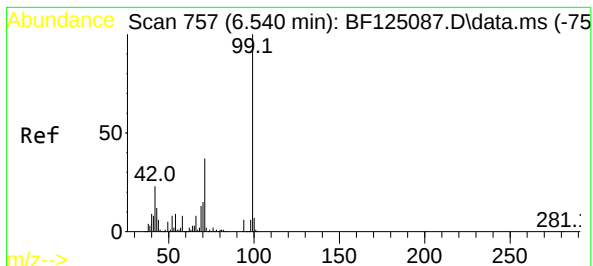
Tgt Ion:152 Resp: 166488
Ion Ratio Lower Upper
152 100
150 157.9 117.6 176.4
115 64.2 47.1 70.7



#5
2-Fluorophenol
Concen: 38.573 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

Tgt Ion:112 Resp: 424286
Ion Ratio Lower Upper
112 100
64 68.5 44.2 66.2#
63 34.7 26.2 39.2





#7

Phenol-d6

Concen: 25.343 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.012 min

Lab File: BF125266.D

Acq: 30 Aug 2021 17:10

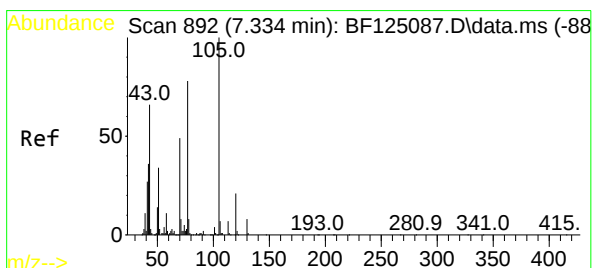
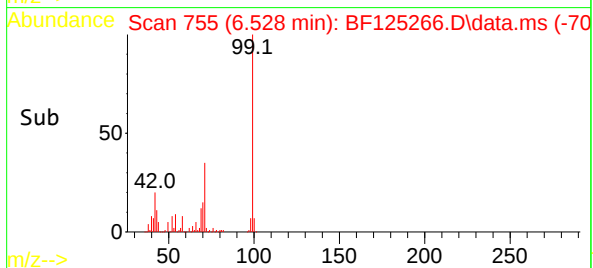
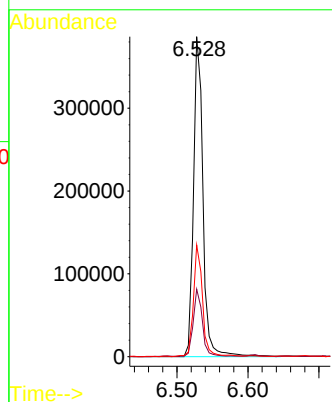
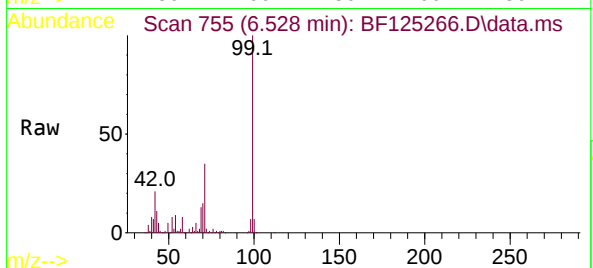
Tgt Ion: 99 Resp: 360522

Ion Ratio Lower Upper

99 100

42 21.1 23.5 35.3#

71 34.9 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.313 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.147 min

Lab File: BF125266.D

Acq: 30 Aug 2021 17:10

Tgt Ion: 70 Resp: 139583

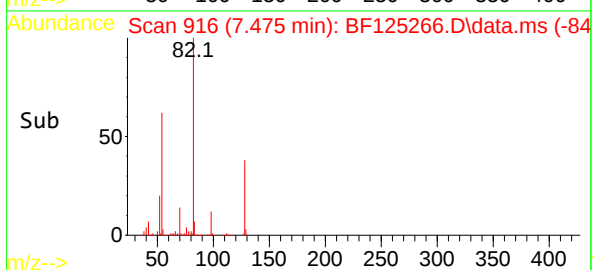
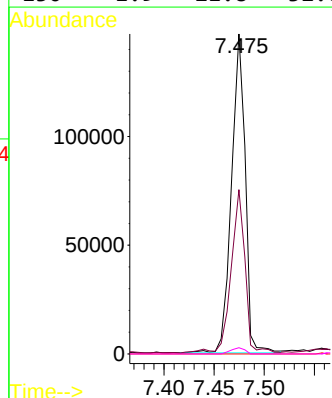
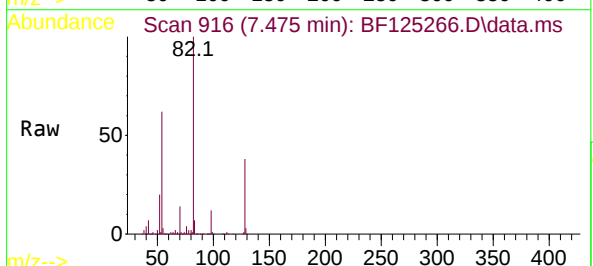
Ion Ratio Lower Upper

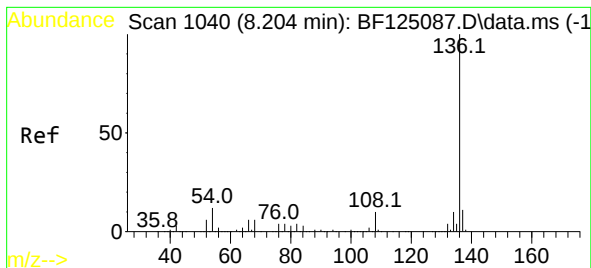
70 100

42 51.3 72.2 108.2#

101 0.0 7.8 11.8#

130 1.9 21.8 32.6#

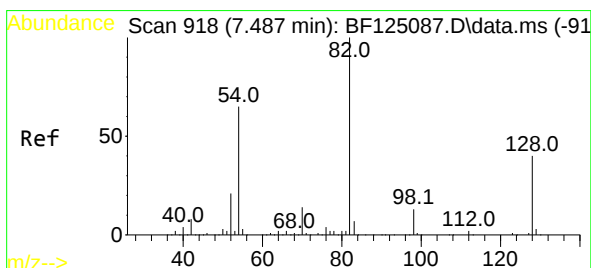
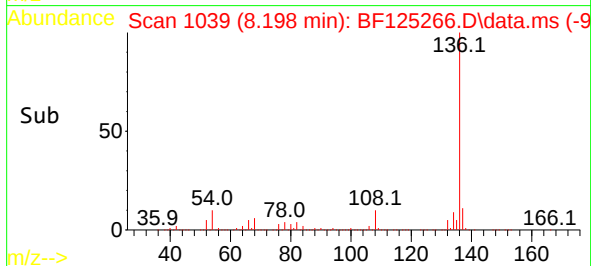
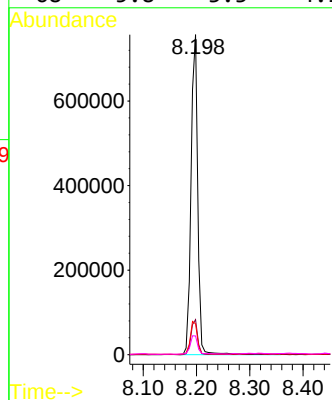
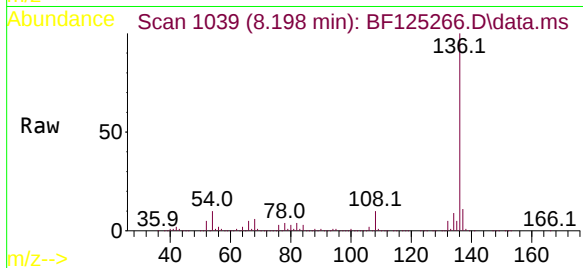




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

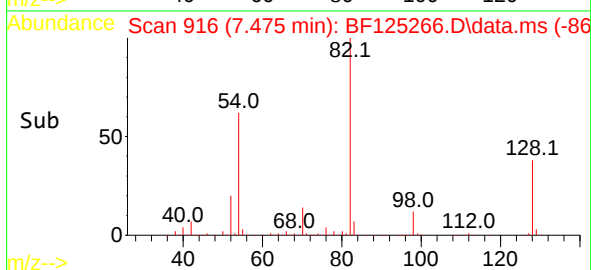
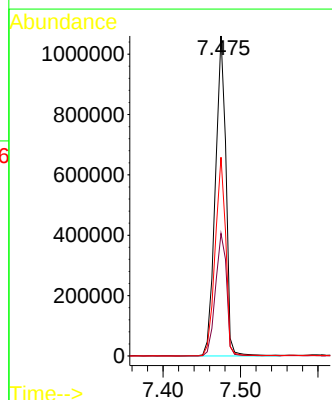
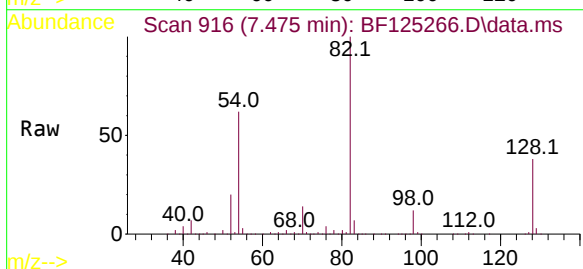
Instrument :
BNA_F
ClientSampled :
VE1-2

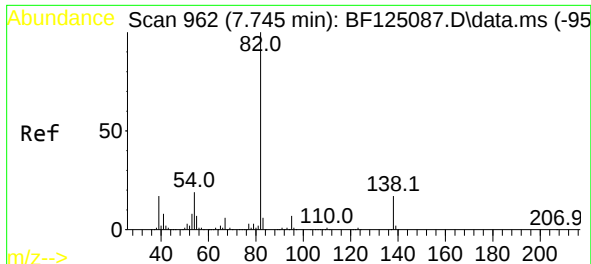
Tgt Ion:136 Resp: 661212
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.7 6.4 9.6#
68 5.8 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 76.825 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

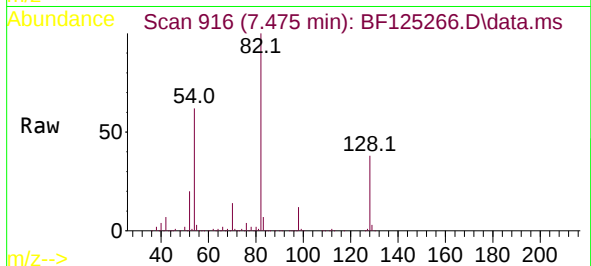
Tgt Ion: 82 Resp: 1009004
Ion Ratio Lower Upper
82 100
128 38.3 40.6 60.8#
54 62.1 49.6 74.4



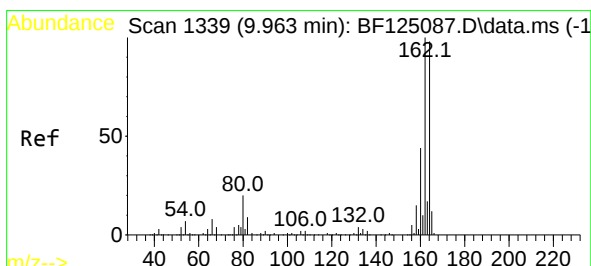
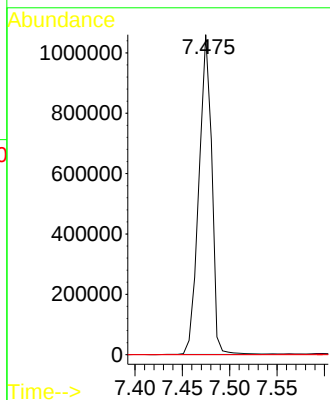
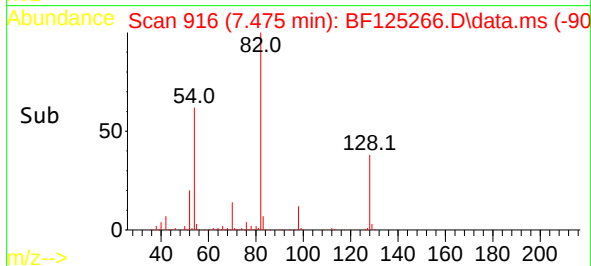


#25
Isophorone
Concen: 39.517 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

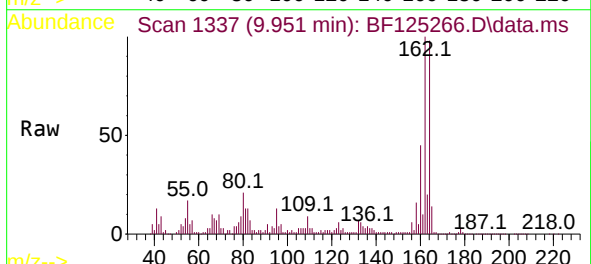
Instrument :
BNA_F
ClientSampleId :
VE1-2



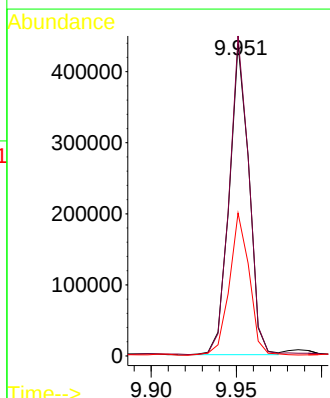
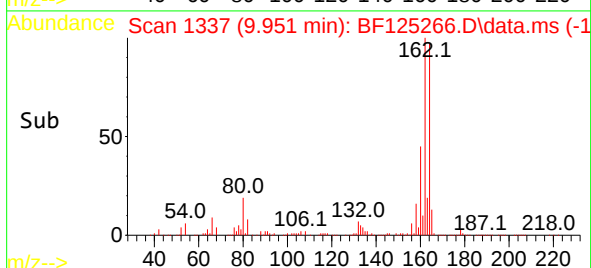
Tgt Ion: 82 Resp: 1001245
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

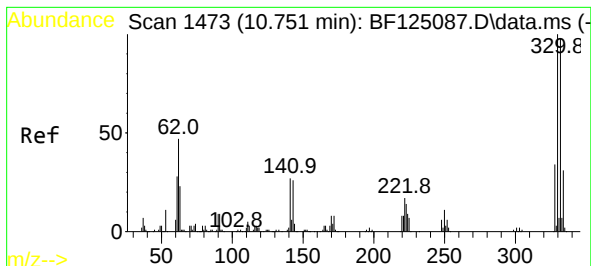


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10



Tgt Ion: 164 Resp: 352010
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.8 38.0 57.0

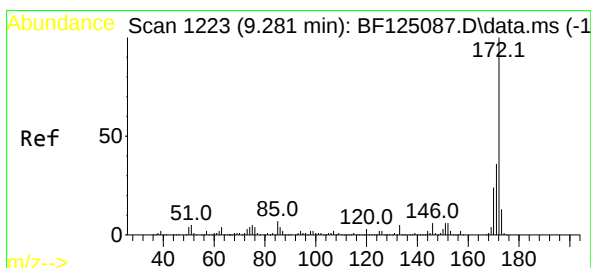
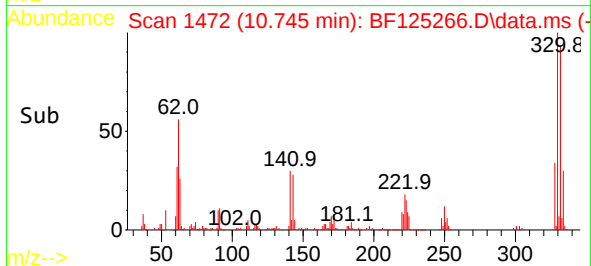
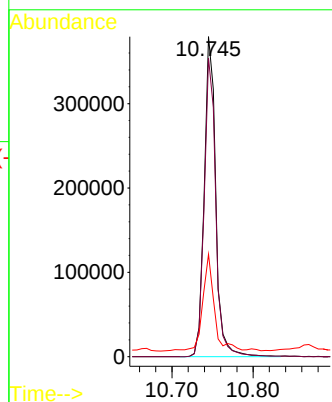
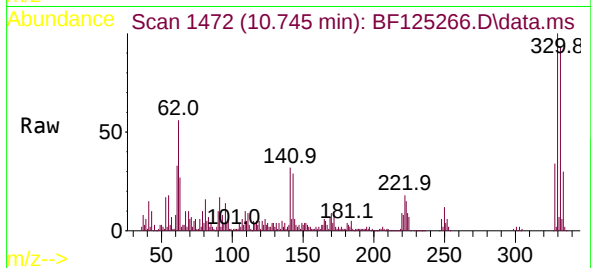




#42
2,4,6-Tribromophenol
Concen: 106.237 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

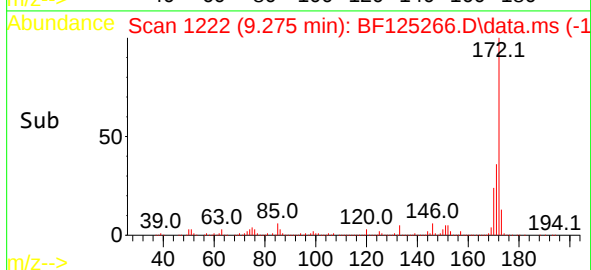
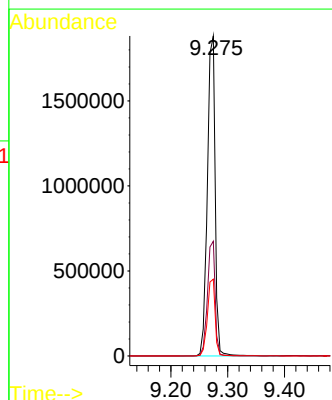
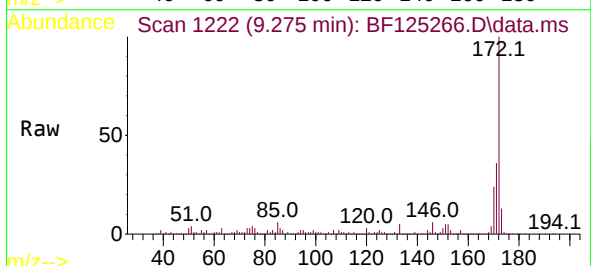
Instrument :
BNA_F
ClientSampled :
VE1-2

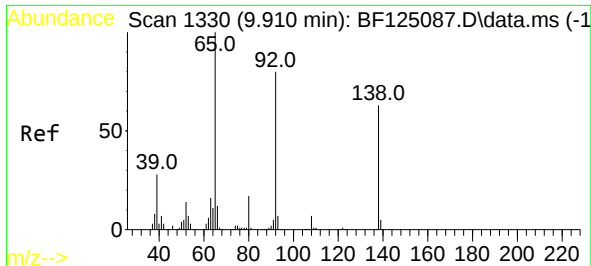
Tgt Ion: 330 Resp: 373301
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 30.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 70.608 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

Tgt Ion: 172 Resp: 1783336
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.0 18.8 28.2

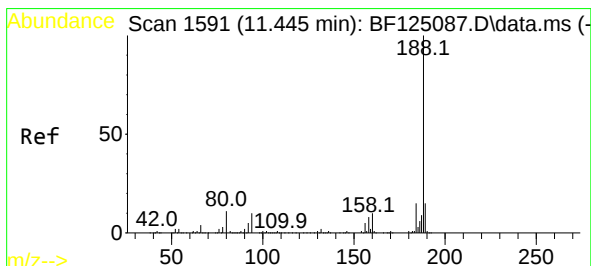
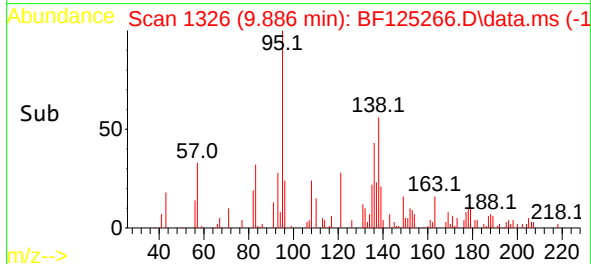
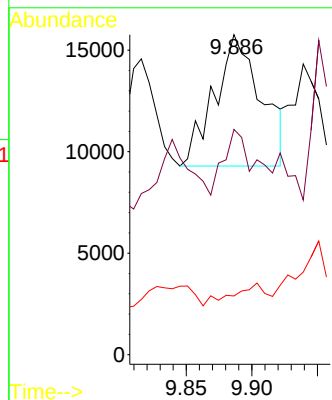
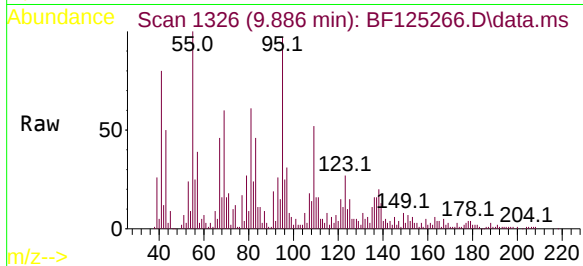




#53
3-Nitroaniline
Concen: 2.803 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.018 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

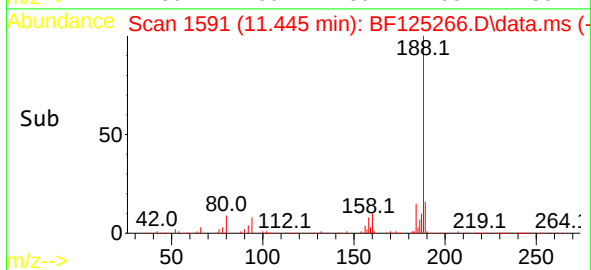
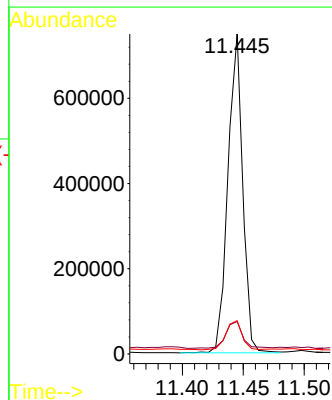
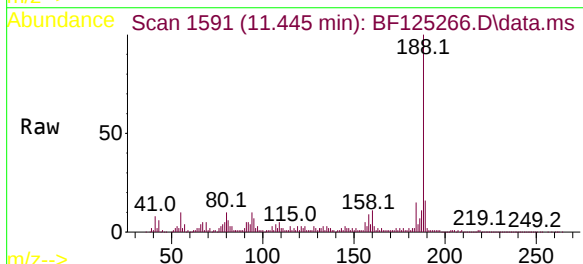
Instrument :
BNA_F
ClientSampled :
VE1-2

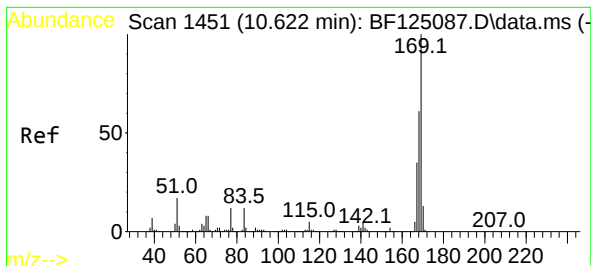
Tgt Ion:138 Resp: 15987
Ion Ratio Lower Upper
138 100
108 70.4 9.3 13.9#
92 18.3 76.5 114.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

Tgt Ion:188 Resp: 631245
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.4 7.5 11.3

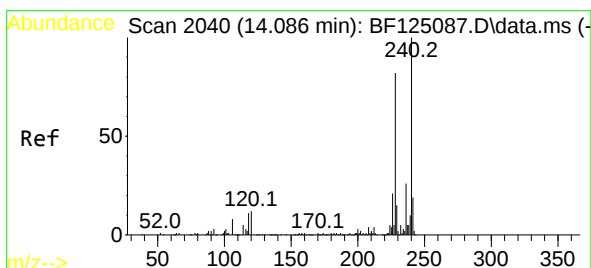
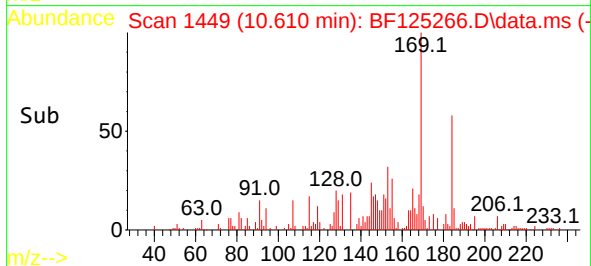
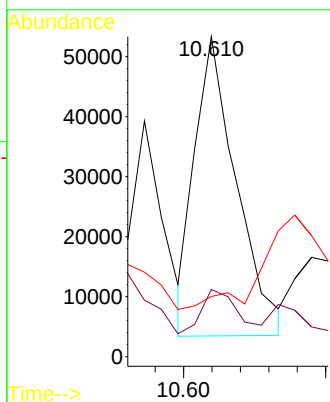
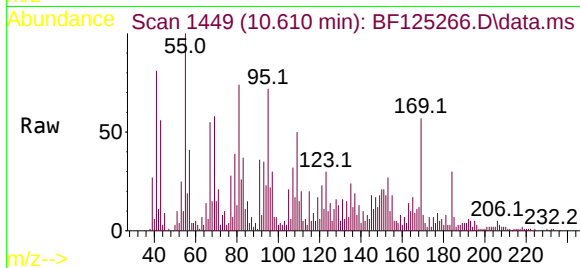




#66
n-Nitrosodiphenylamine
Concen: 2.247 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

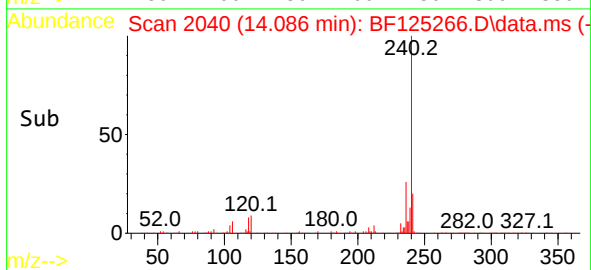
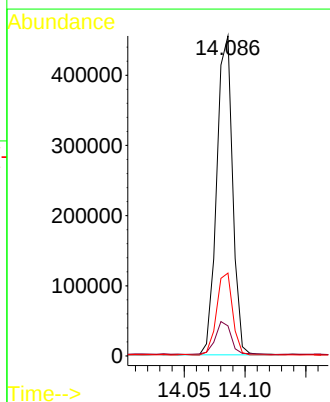
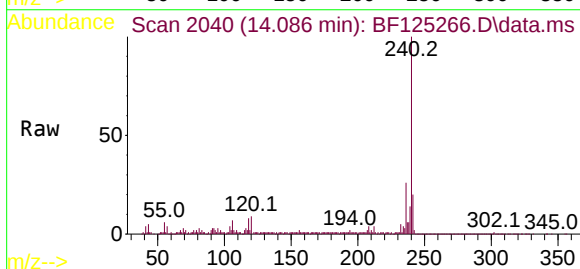
Instrument :
BNA_F
ClientSampleId :
VE1-2

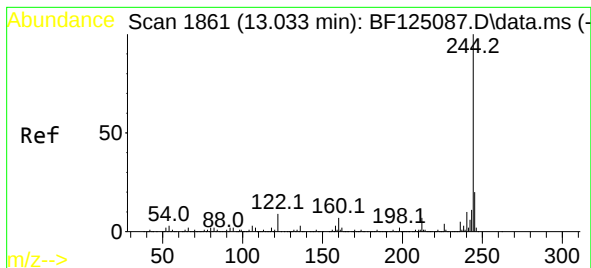
Tgt Ion:169 Resp: 50792
Ion Ratio Lower Upper
169 100
168 21.0 50.8 76.2#
167 18.8 28.8 43.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

Tgt Ion:240 Resp: 415030
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.9 21.6 32.4

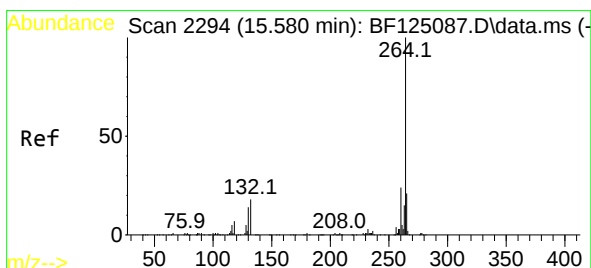
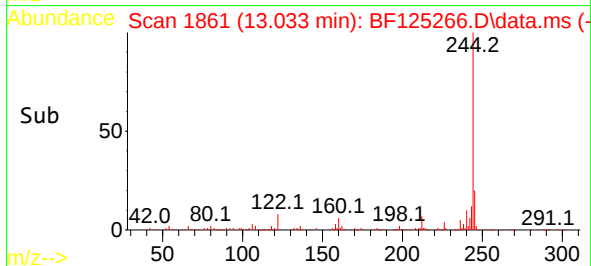
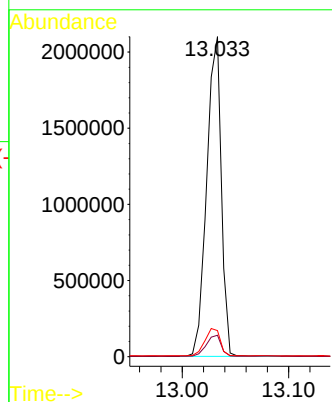
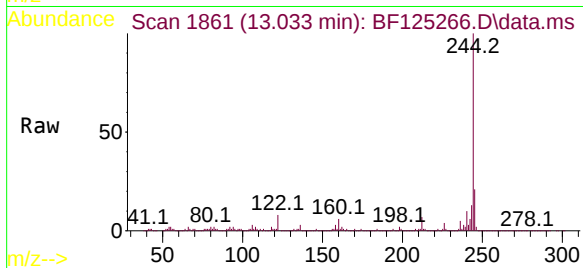




#79
Terphenyl-d14
Concen: 76.901 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.012 min
Lab File: BF125266.D
Acq: 30 Aug 2021 17:10

Instrument :
BNA_F
ClientSampled :
VE1-2

Tgt Ion:244 Resp: 2003420
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.2 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: BF125266.D
Acq: 30 Aug 2021 17:10

Tgt Ion:264 Resp: 429102
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 21.5 17.2 25.8

