

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126225.D
 Acq On : 16 Dec 2021 22:28
 Operator : JU/CG
 Sample : M4919-02RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:49:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

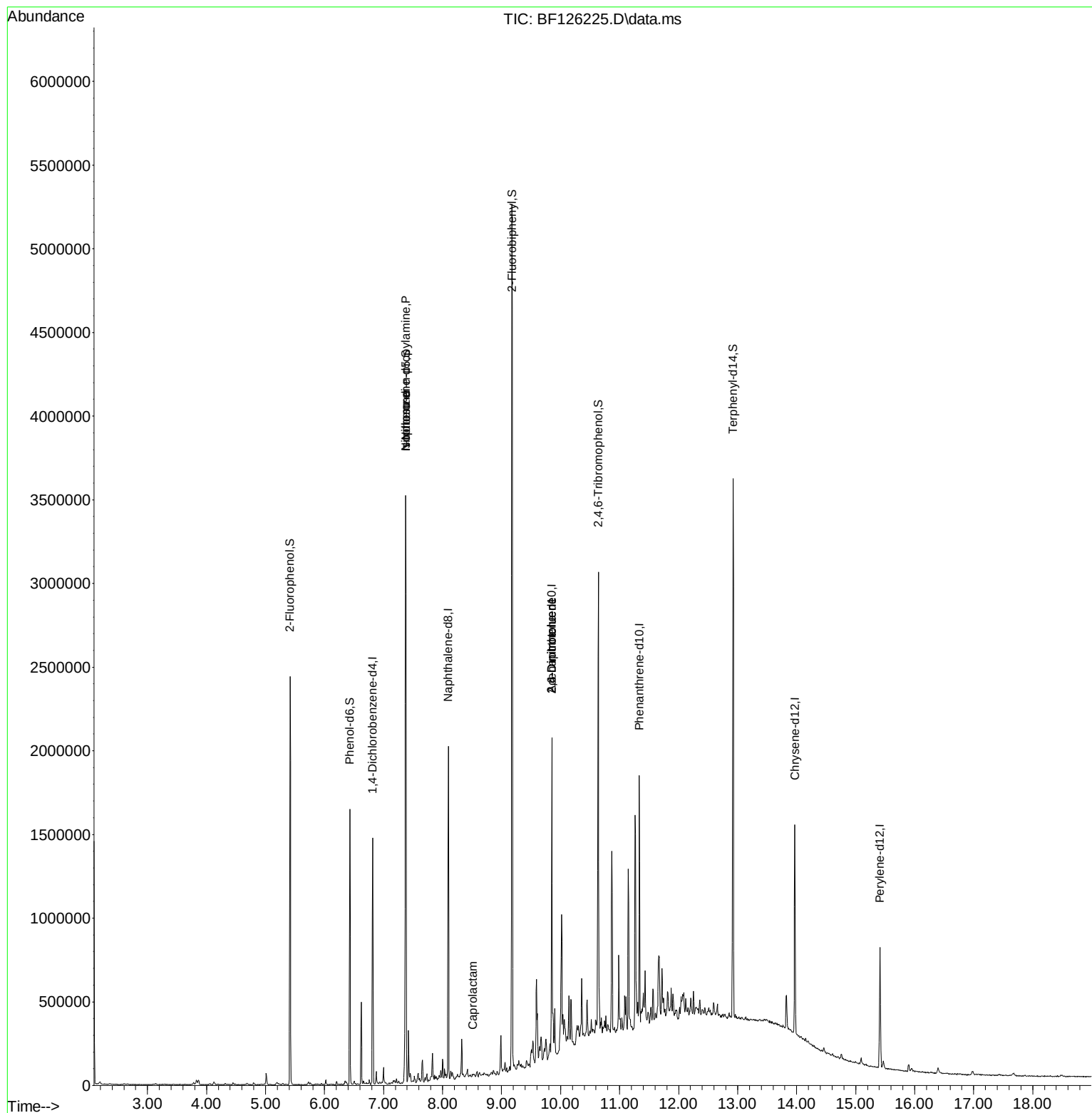
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	190544	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	791625	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	338210	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	452521	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	378799	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	296862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	679201	52.493	ng	0.00
7) Phenol-d6	6.428	99	503119	30.624	ng	-0.02
23) Nitrobenzene-d5	7.375	82	1280248	87.588	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	314172	115.589	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1651672	85.652	ng	0.00
79) Terphenyl-d14	12.922	244	1092950	50.150	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	162960	16.157	ng	# 56
25) Isophorone	7.375	82	1244801	45.098	ng	# 59
35) Caprolactam	8.510	113	5183	2.100	ng	# 57
51) 2,6-Dinitrotoluene	9.851	165	45430	9.797	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	45430	7.680	ng	# 20

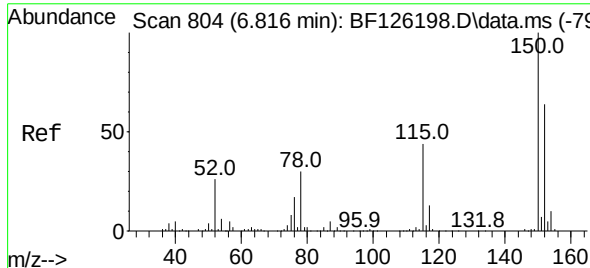
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126225.D
Acq On : 16 Dec 2021 22:28
Operator : JU/CG
Sample : M4919-02RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 17 01:49:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

Instrument :

BNA_F

ClientSampleId :

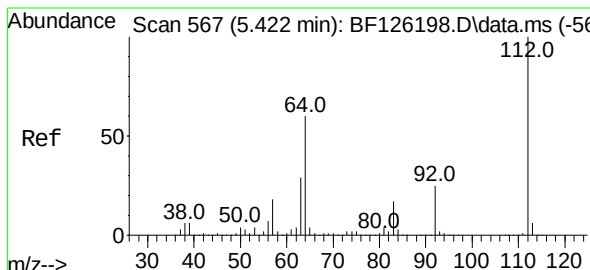
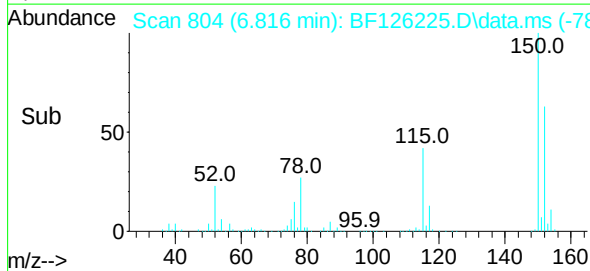
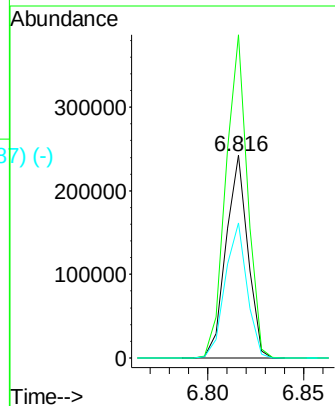
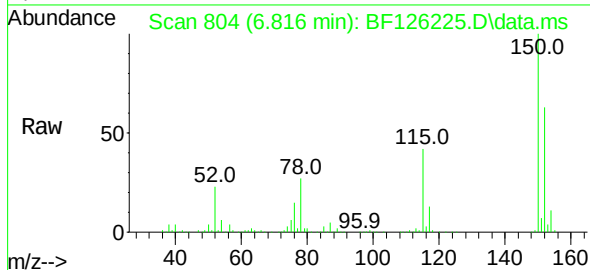
Tgt Ion:152 Resp: 190544

Ion Ratio Lower Upper

152 100

150 159.5 117.6 176.4

115 66.7 47.1 70.7



2-Fluorophenol

Concen: 52.493 ng

RT: 5.416 min Scan# 566

Delta R.T. -0.006 min

Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

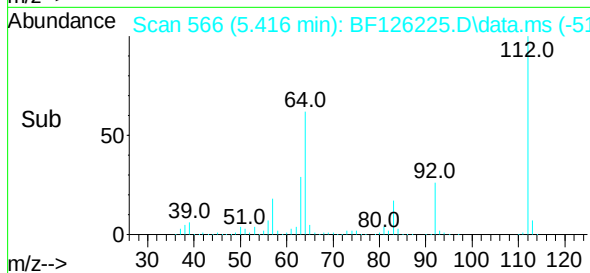
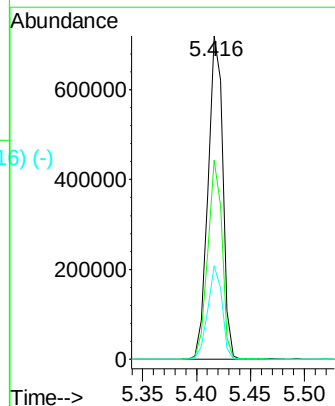
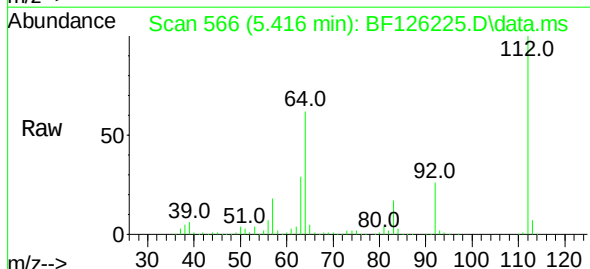
Tgt Ion:112 Resp: 679201

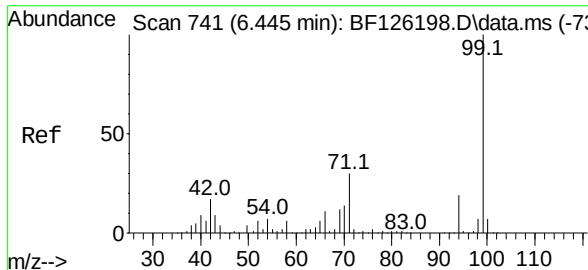
Ion Ratio Lower Upper

112 100

64 61.6 44.2 66.2

63 28.9 26.2 39.2





Phenol-d6

Concen: 30.624 ng

RT: 6.428 min Scan#

Delta R.T. -0.017 min

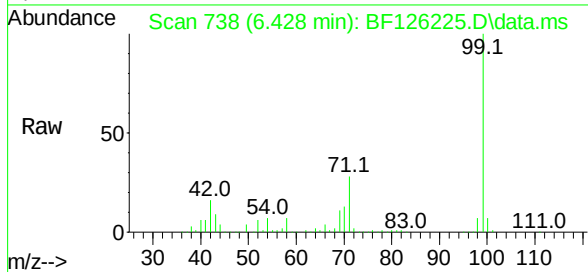
Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

Instrument :

BNA_F

ClientSampleId :



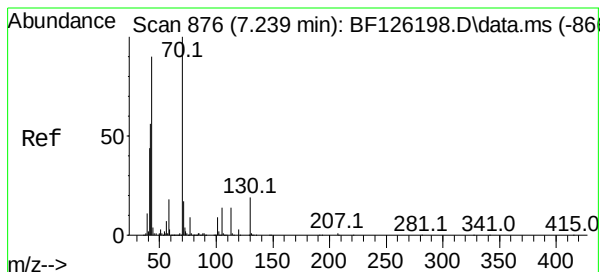
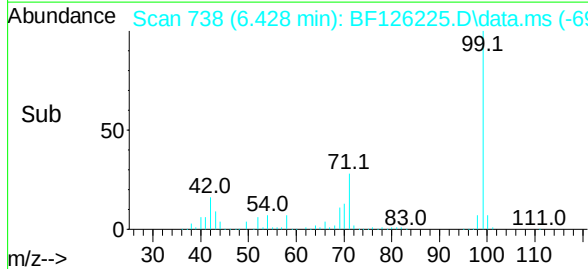
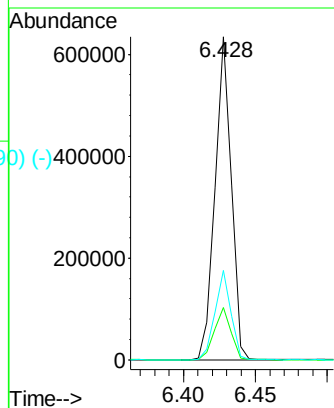
Tgt Ion: 99 Resp: 503119

Ion Ratio Lower Upper

99 100

42 16.2 23.5 35.3#

71 27.7 25.6 38.4



n-Nitroso-di-n-propylamine

Concen: 16.157 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.136 min

Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

Tgt Ion: 70 Resp: 162960

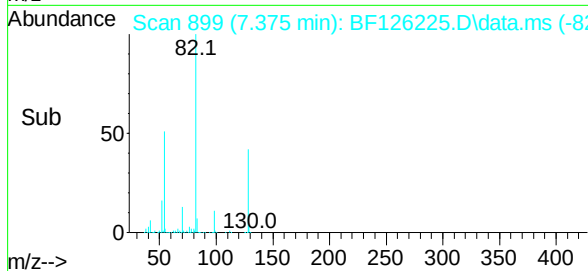
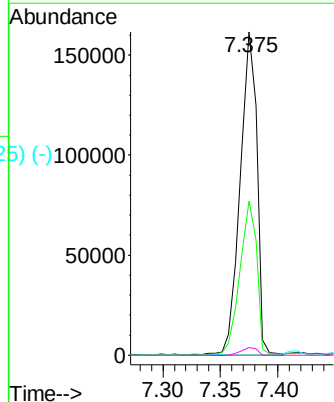
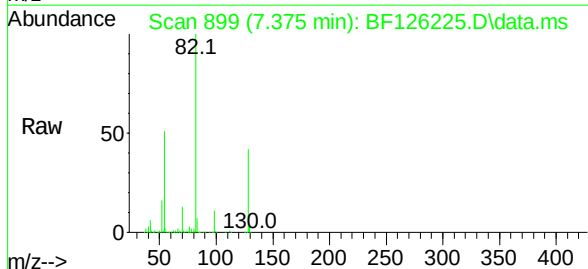
Ion Ratio Lower Upper

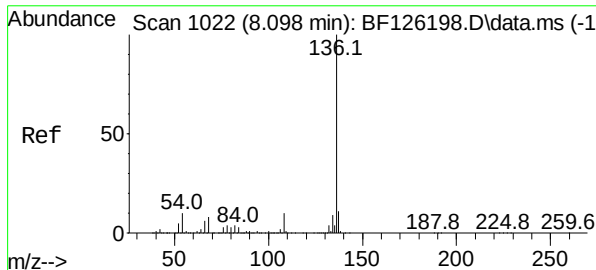
70 100

42 47.8 72.2 108.2#

101 0.0 7.8 11.8#

130 2.3 21.8 32.6#

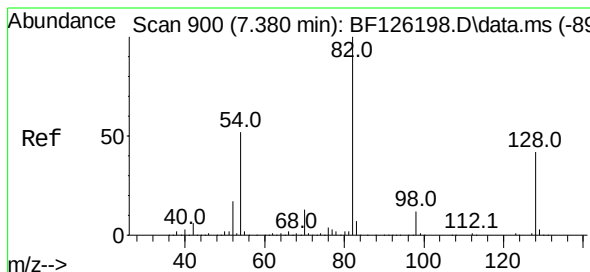
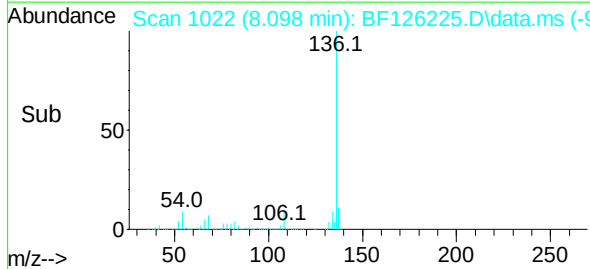
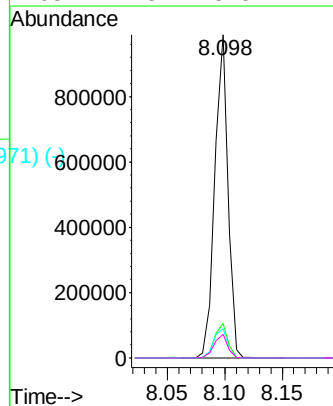
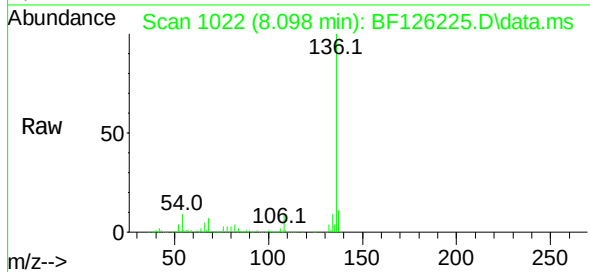




Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

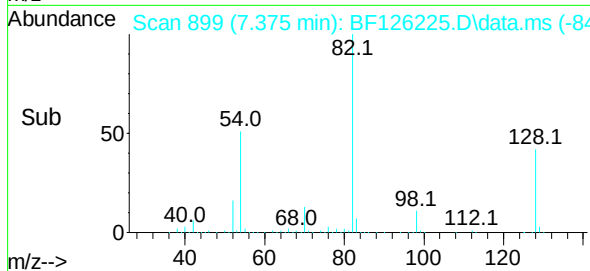
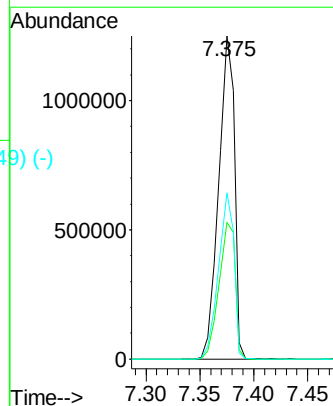
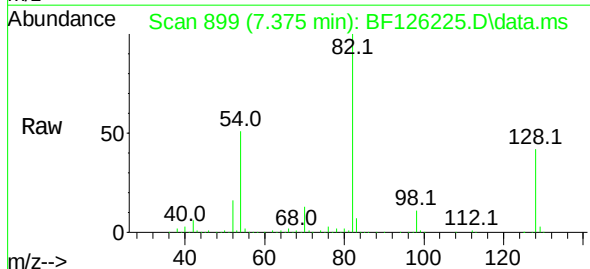
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	136	Resp:	791625
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	9.2	6.4	9.6
68	7.3	3.3	4.9#

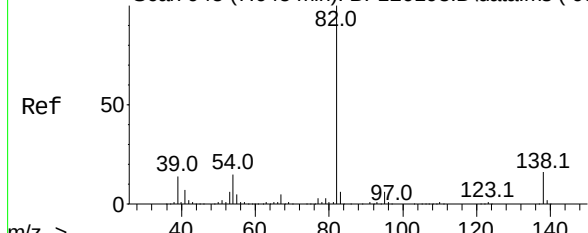


Nitrobenzene-d5
Concen: 87.588 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126225.D
Acq: 16 Dec 2021 22:28

Tgt Ion:	82	Resp:	1280248
Ion	Ratio	Lower	Upper
82	100		
128	42.3	40.6	60.8
54	51.4	49.6	74.4



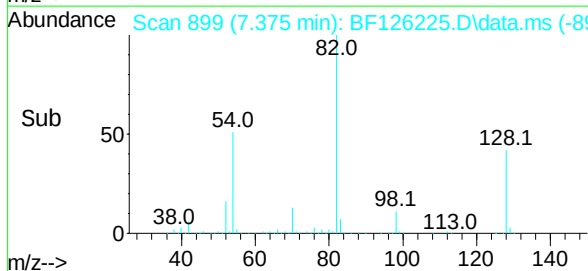
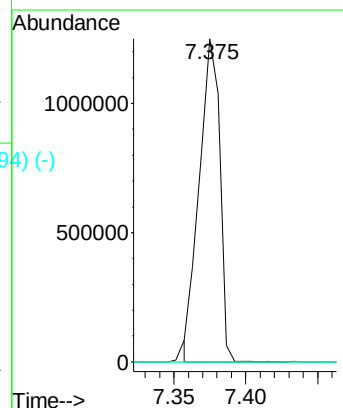
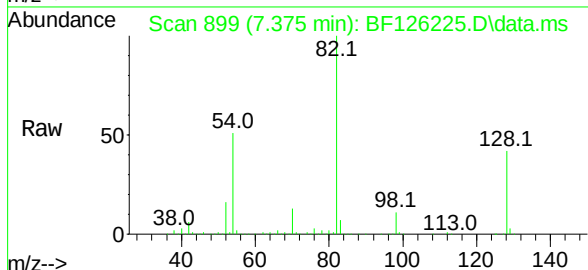
Abundance Scan 945 (7.645 min): BF126198.D\data.ms (-935) #25



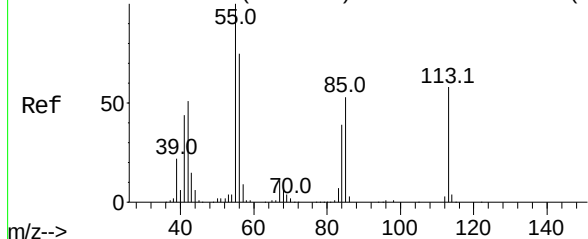
Isophorone
 Concen: 45.098 ng
 RT: 7.375 min Scan# 81
 Delta R.T. -0.270 min
 Lab File: BF126225.D
 Acq: 16 Dec 2021 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	82	Resp:	1244801
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

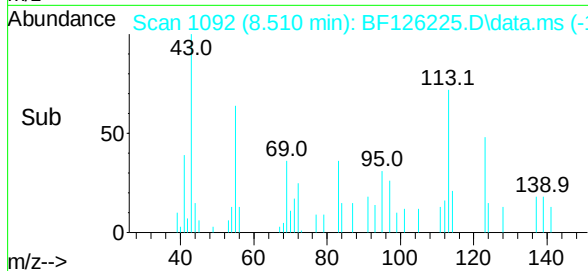
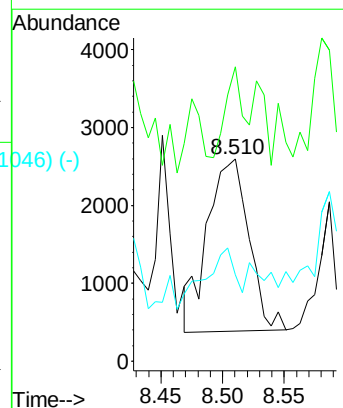
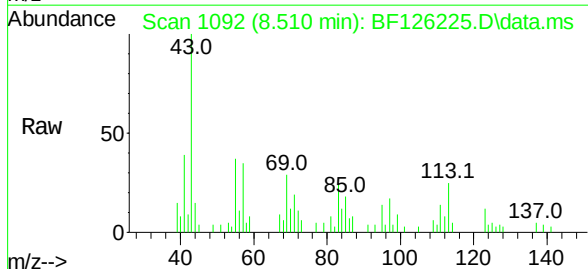


Abundance Scan 1097 (8.539 min): BF126198.D\data.ms (-1095) #35



Caprolactam
 Concen: 2.100 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF126225.D
 Acq: 16 Dec 2021 22:28

Tgt Ion:	113	Resp:	5183
Ion	Ratio	Lower	Upper
113	100		
55	145.5	154.1	194.1#
56	42.8	108.7	148.7#



Abundance Scan 1321 (9.857 min): BF126198.D\data.ms (-13159)

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan#

Delta R.T. -0.006 min

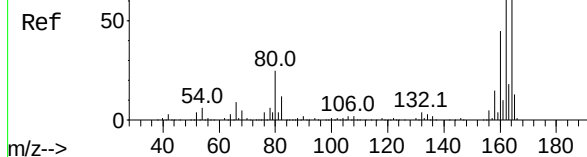
Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

Instrument :

BNA_F

ClientSampleId :



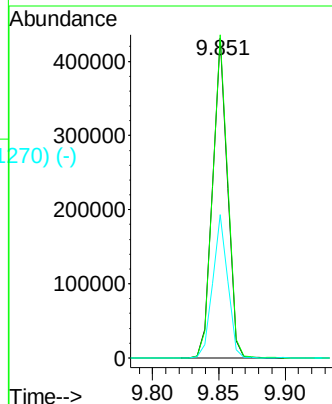
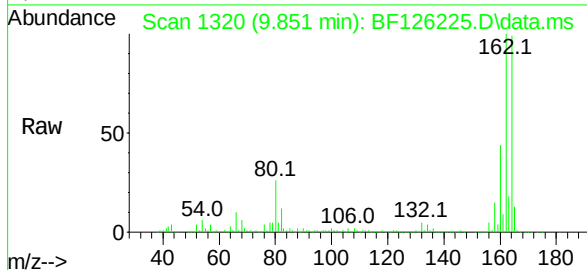
Tgt Ion:164 Resp: 338210

Ion Ratio Lower Upper

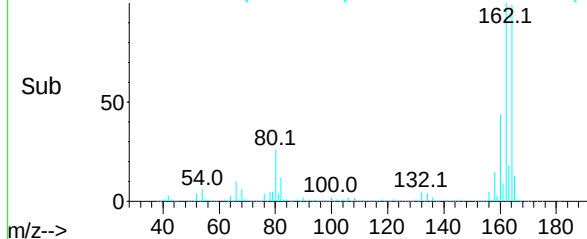
164 100

162 101.1 81.3 121.9

160 44.8 38.0 57.0



Abundance Scan 1320 (9.851 min): BF126225.D\data.ms (-1270) (-)



Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1443)

2,4,6-Tribromophenol

Concen: 115.589 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

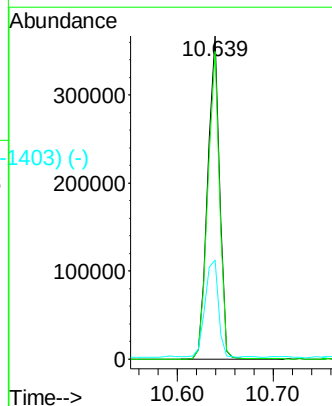
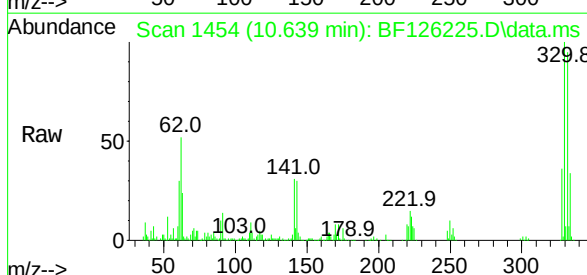
Tgt Ion:330 Resp: 314172

Ion Ratio Lower Upper

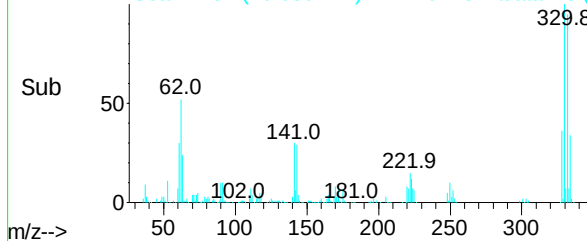
330 100

332 94.1 76.2 114.4

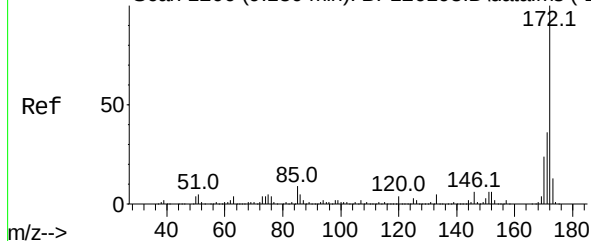
141 33.4 44.6 66.8#



Abundance Scan 1454 (10.639 min): BF126225.D\data.ms (-1403) (-)



Abundance Scan 1206 (9.180 min): BF126198.D\data.ms (-11951)



2-Fluorobiphenyl

Concen: 85.652 ng

RT: 9.175 min Scan#

Delta R.T. -0.006 min

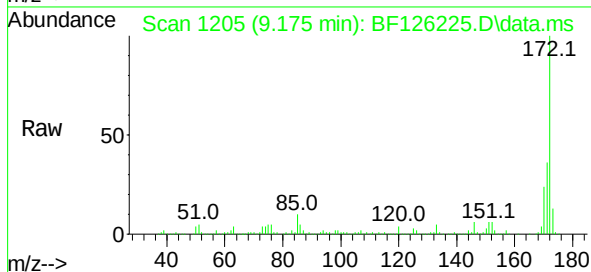
Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

Instrument :

BNA_F

ClientSampleId :



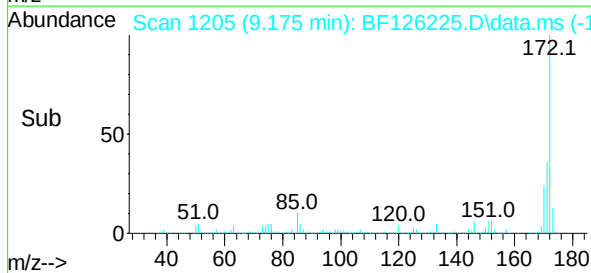
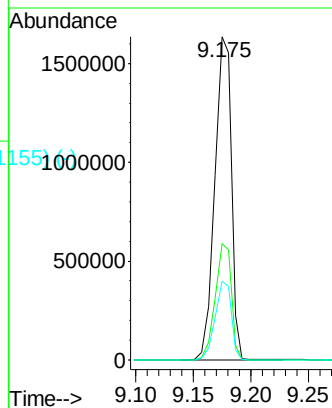
Tgt Ion:172 Resp: 1651672

Ion Ratio Lower Upper

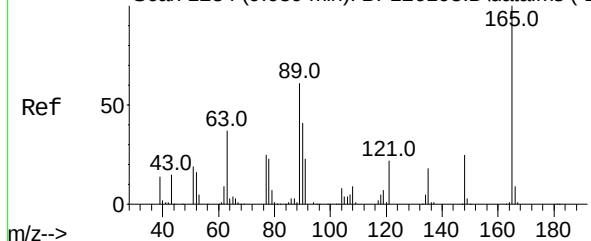
172 100

171 35.9 26.5 39.7

170 24.3 18.8 28.2



Abundance Scan 1284 (9.639 min): BF126198.D\data.ms (-12781)



2,6-Dinitrotoluene

Concen: 9.797 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

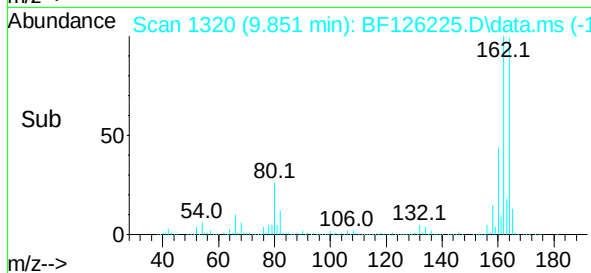
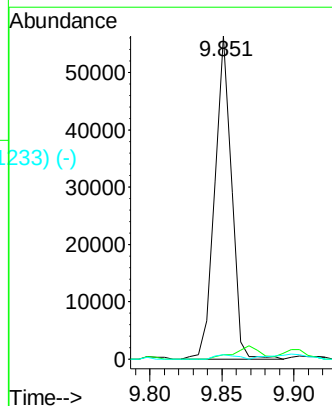
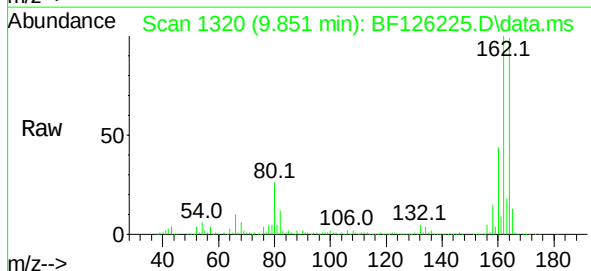
Tgt Ion:165 Resp: 45430

Ion Ratio Lower Upper

165 100

63 1.5 42.6 63.8#

89 1.4 40.6 60.8#



Abundance Scan 1352 (10.039 min): BF126198.D\data.ms (-1352) (-)

2,4-Dinitrotoluene

Concen: 7.680 ng

RT: 9.851 min Scan#

Delta R.T. -0.188 min

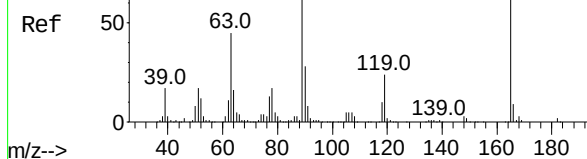
Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 45430

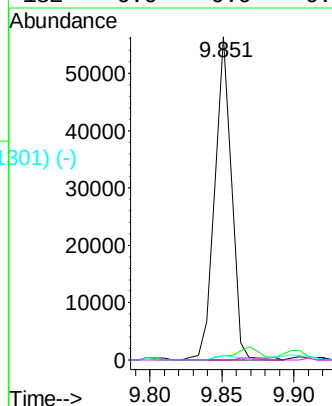
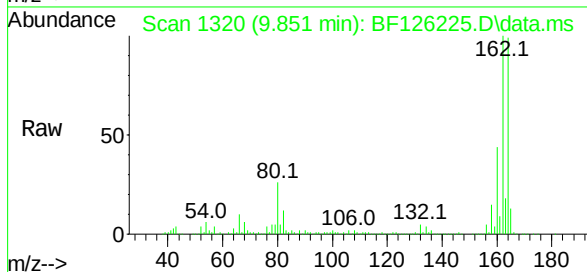
Ion Ratio Lower Upper

165 100

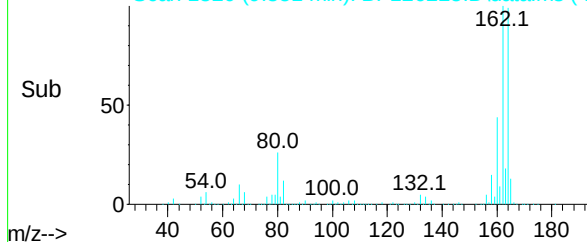
63 1.5 40.9 61.3#

89 1.4 59.7 89.5#

182 0.0 0.0 0.0



Abundance Scan 1320 (9.851 min): BF126225.D\data.ms (-1301) (-)



Abundance Scan 1572 (11.333 min): BF126198.D\data.ms (-1564) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

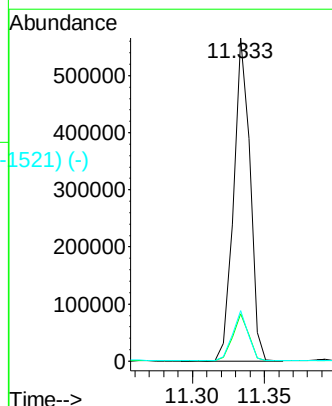
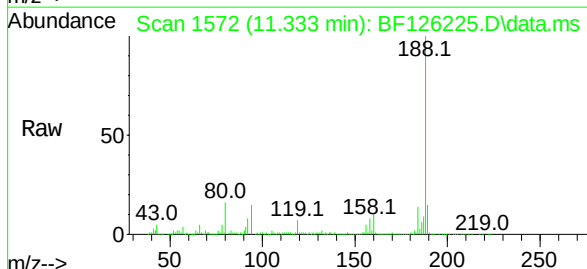
Tgt Ion:188 Resp: 452521

Ion Ratio Lower Upper

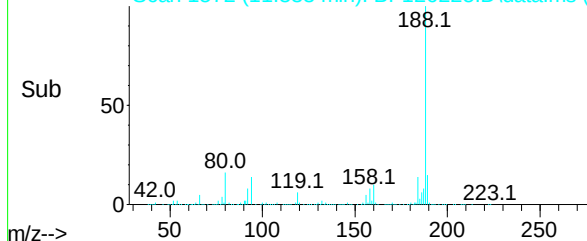
188 100

94 14.6 6.7 10.1#

80 15.7 7.5 11.3#



Abundance Scan 1572 (11.333 min): BF126225.D\data.ms (-1521) (-)



Abundance Scan 2020 (13.968 min): BF126198.D\data.ms (-174) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 1

Delta R.T. 0.000 min

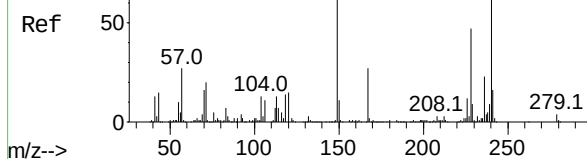
Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

Instrument :

BNA_F

ClientSampleId :



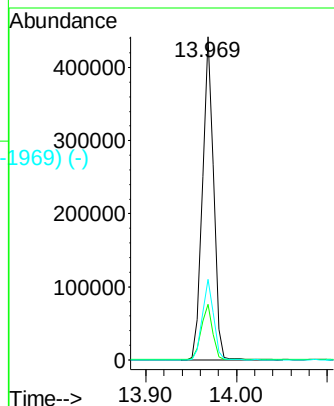
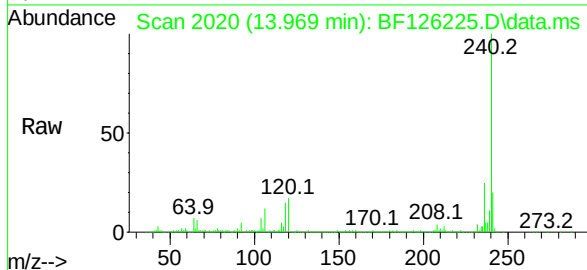
Tgt Ion:240 Resp: 378799

Ion Ratio Lower Upper

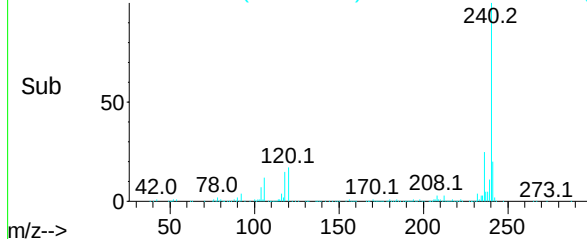
240 100

120 17.2 10.8 16.2#

236 25.0 21.6 32.4



Abundance Scan 2020 (13.969 min): BF126225.D\data.ms (-1969) (-)



Abundance Scan 1842 (12.921 min): BF126198.D\data.ms (-179) (-)

Terphenyl-d14

Concen: 50.150 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

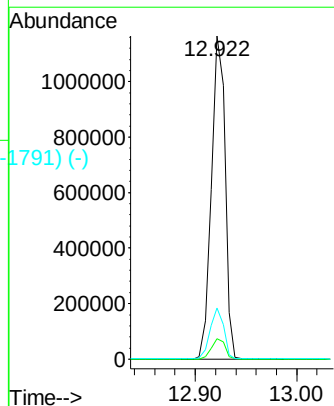
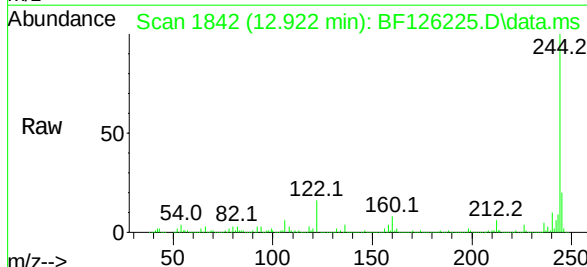
Tgt Ion:244 Resp: 1092950

Ion Ratio Lower Upper

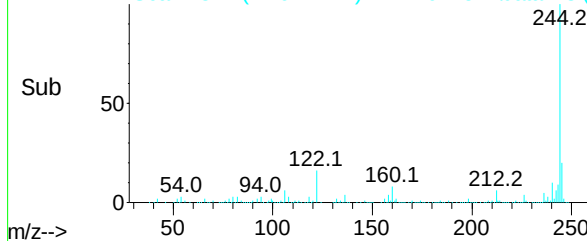
244 100

212 6.2 5.9 8.9

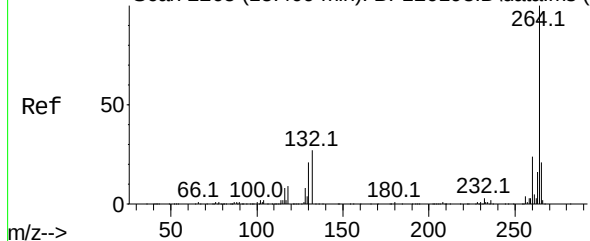
122 15.9 9.0 13.4#



Abundance Scan 1842 (12.922 min): BF126225.D\data.ms (-1791) (-)



Abundance Scan 2265 (15.409 min): BF126198.D\data.ms (-2265) (-)



Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 1

Delta R.T. 0.000 min

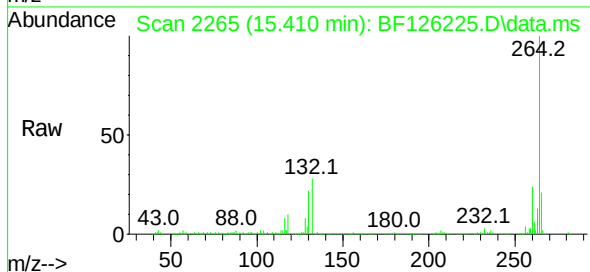
Lab File: BF126225.D

Acq: 16 Dec 2021 22:28

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 296862

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 20.9 17.2 25.8

