

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125426.D
 Acq On : 10 Sep 2021 16:18
 Operator : JU/CG
 Sample : M3689-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 253

Quant Time: Sep 10 17:14:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

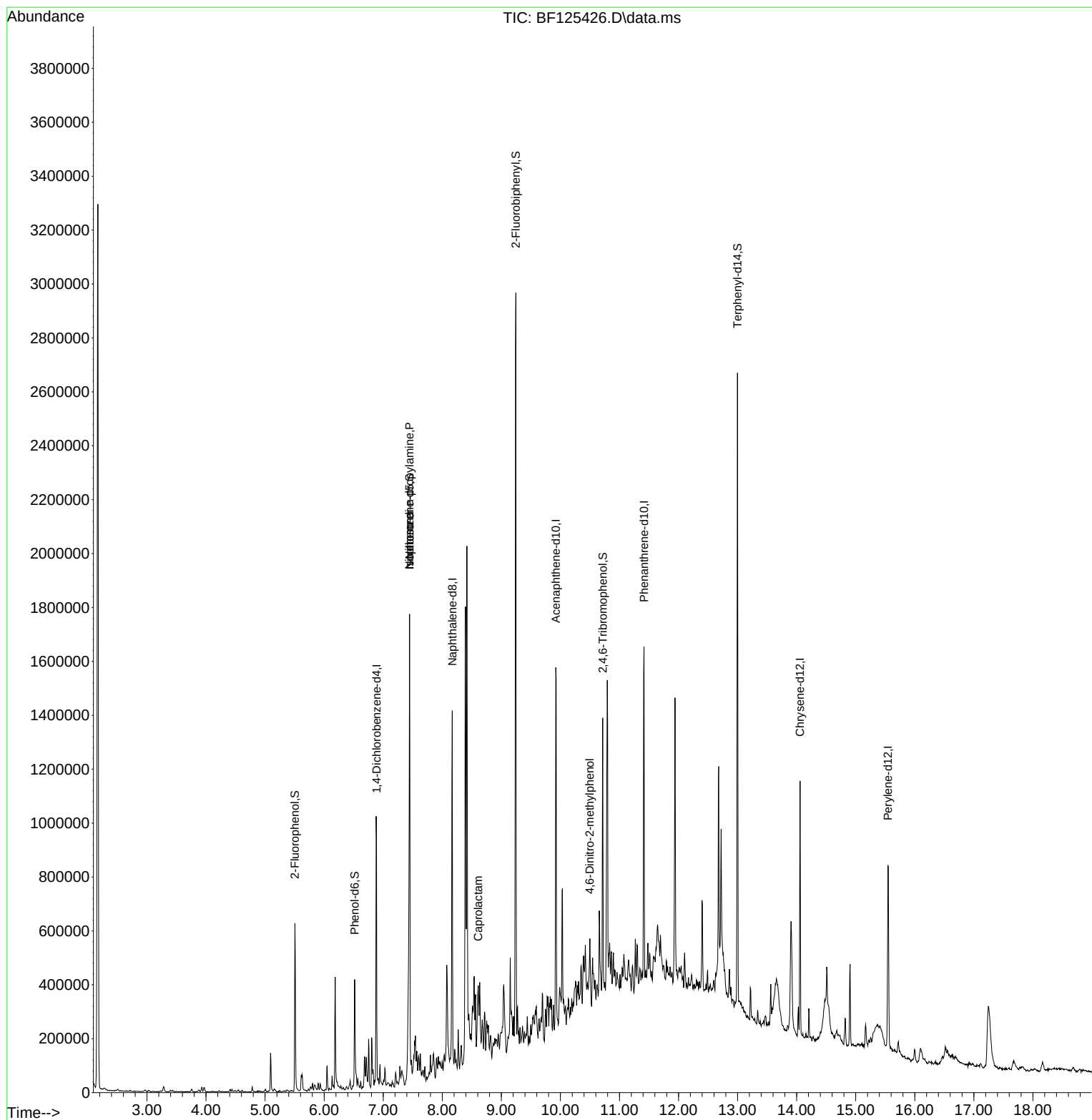
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	141746	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	532323	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	287105	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	481730	20.000	ng	0.00
76) Chrysene-d12	14.057	240	316477	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	316868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	171129	18.274	ng	0.00
7) Phenol-d6	6.516	99	137860	11.382	ng	-0.01
23) Nitrobenzene-d5	7.445	82	500951	47.377	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	117383	40.958	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	899298	43.656	ng	0.00
79) Terphenyl-d14	12.998	244	805180	40.531	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	67944	9.327	ng	# 57
25) Isophorone	7.445	82	498110	24.420	ng	# 59
35) Caprolactam	8.610	113	5735	2.696	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.498	198	5659	2.220	ng	# 78

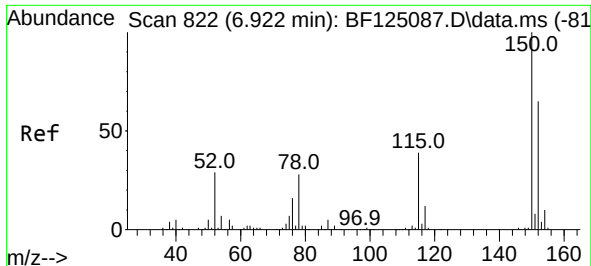
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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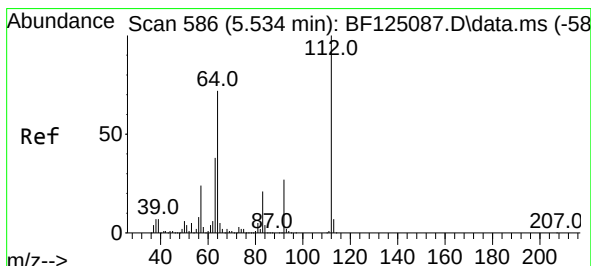
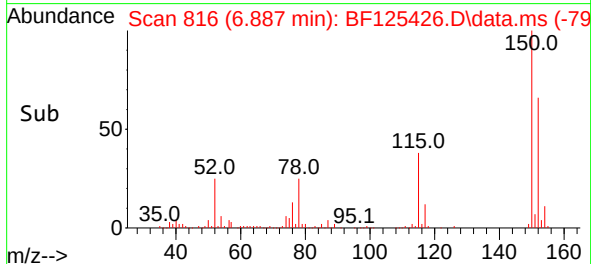
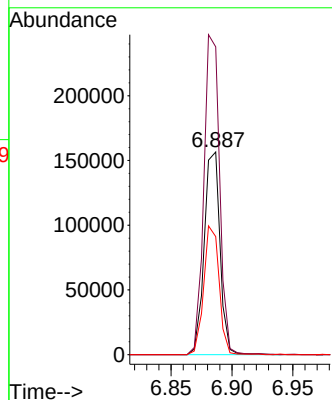
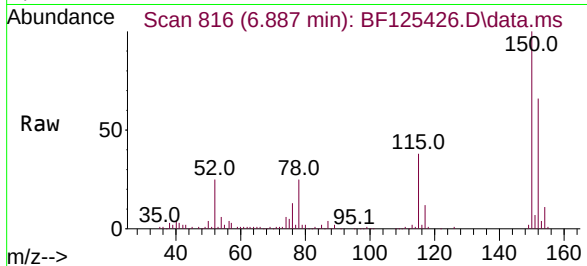




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

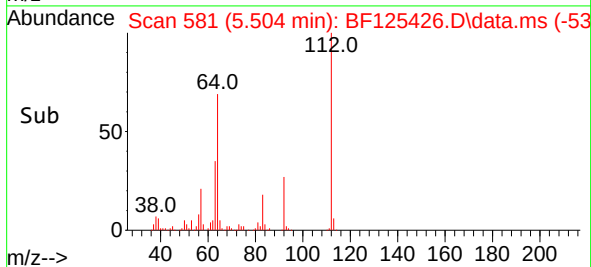
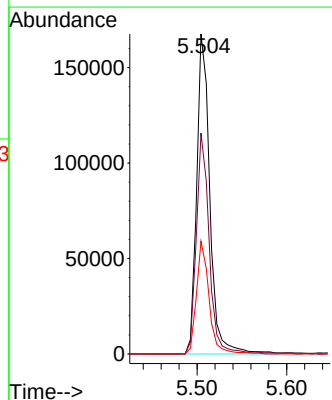
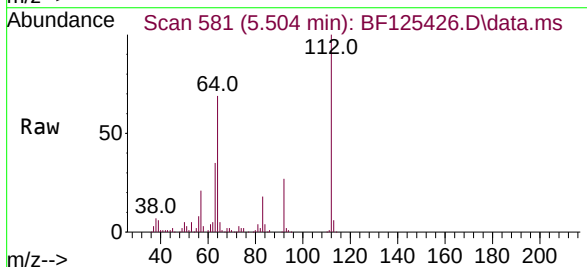
Instrument :
BNA_F
ClientSampleId :
253

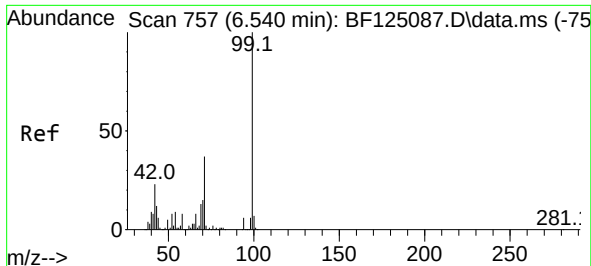
Tgt Ion:152 Resp: 141746
Ion Ratio Lower Upper
152 100
150 151.9 117.6 176.4
115 58.3 47.1 70.7



#5
2-Fluorophenol
Concen: 18.274 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

Tgt Ion:112 Resp: 171129
Ion Ratio Lower Upper
112 100
64 69.0 44.2 66.2#
63 35.3 26.2 39.2

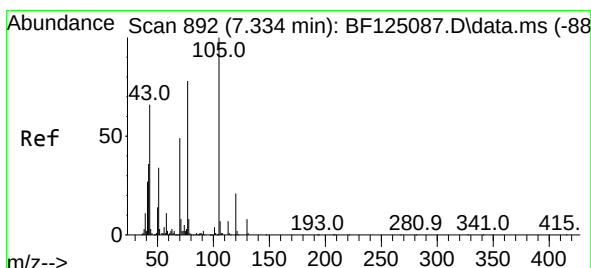
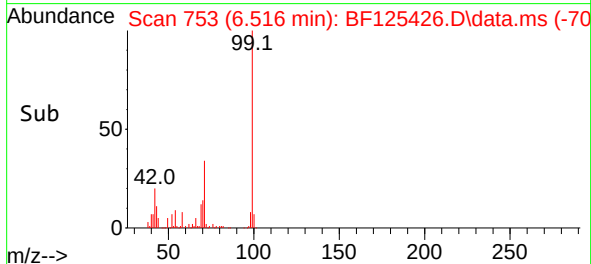
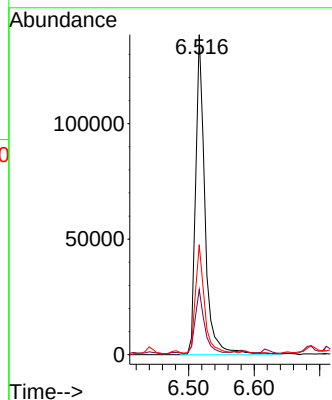
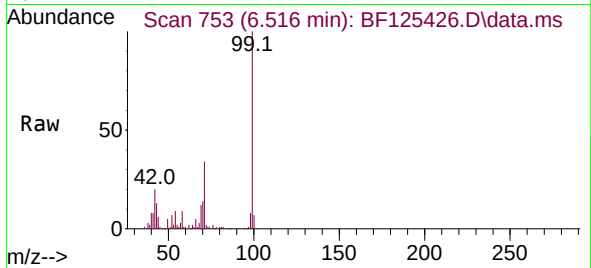




#7
Phenol-d6
Concen: 11.382 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

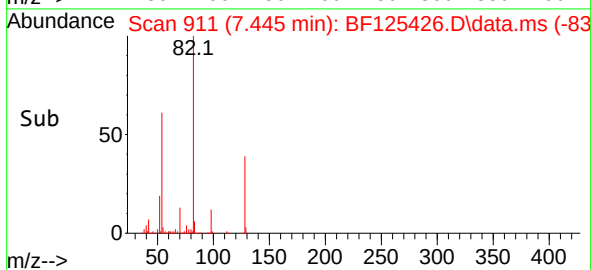
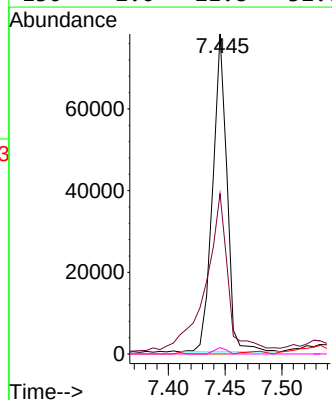
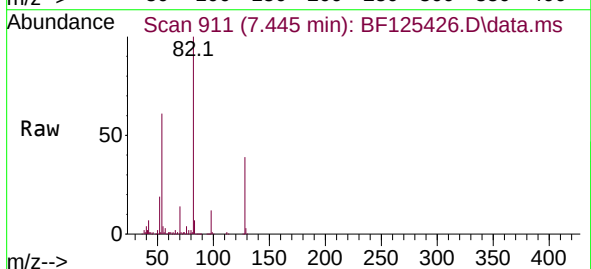
Instrument :
BNA_F
ClientSampleId :
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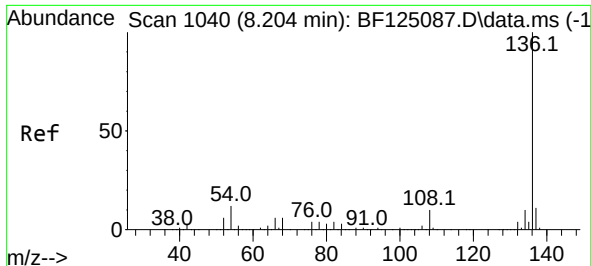
Tgt Ion: 99 Resp: 137860
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 34.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.327 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

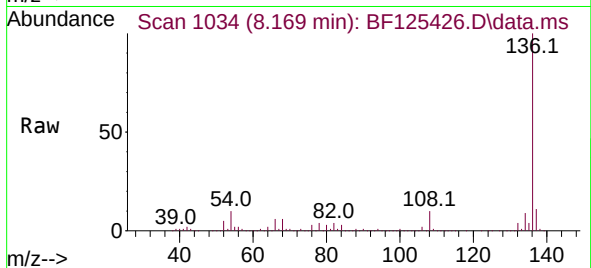
Tgt Ion: 70 Resp: 67944
Ion Ratio Lower Upper
70 100
42 50.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



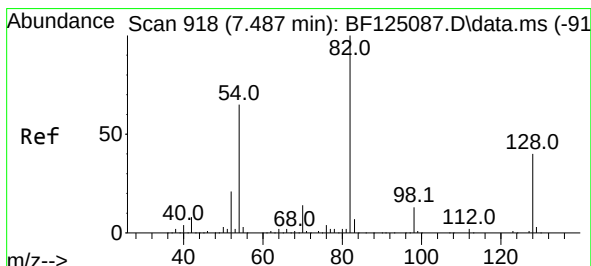
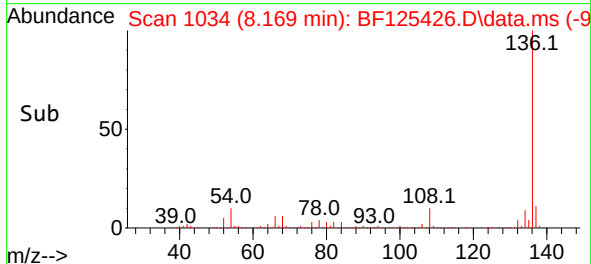
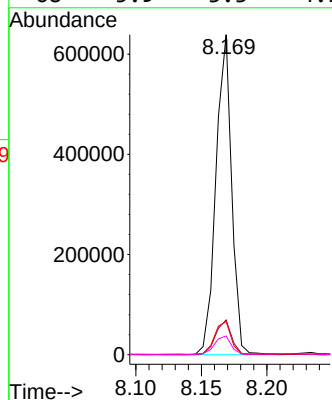


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

Instrument :
BNA_F
ClientSampleId :
253

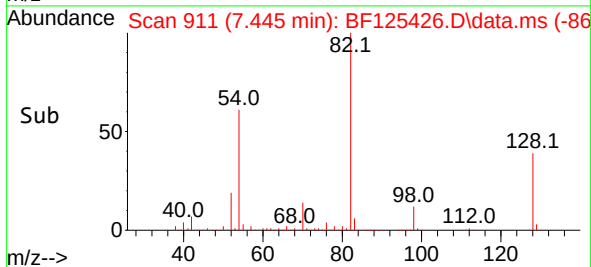
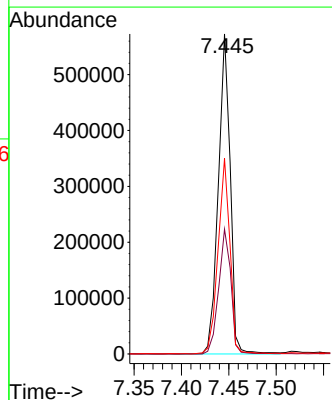
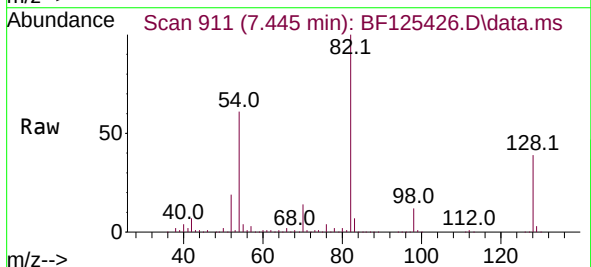


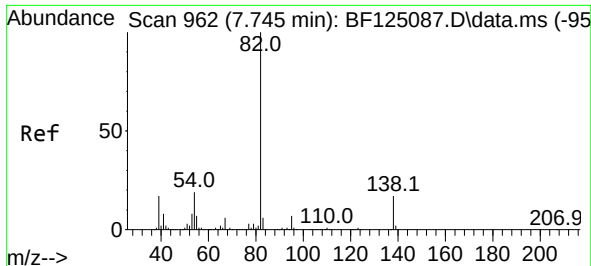
Tgt Ion:136 Resp: 532323
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.3 6.4 9.6#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 47.377 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

Tgt Ion: 82 Resp: 500951
Ion Ratio Lower Upper
82 100
128 39.0 40.6 60.8#
54 61.1 49.6 74.4

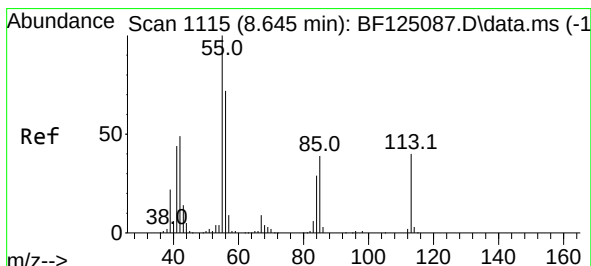
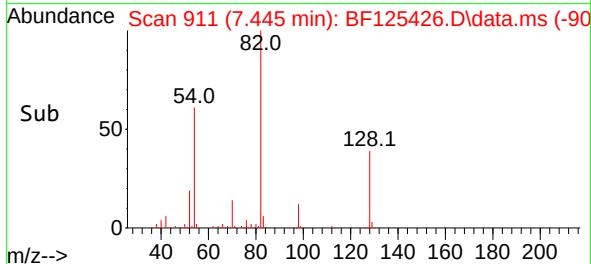
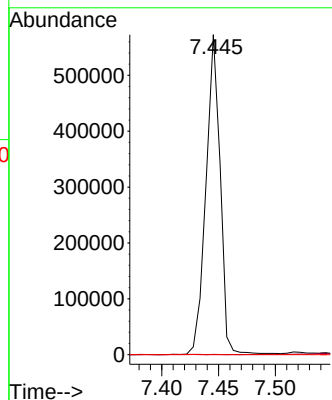
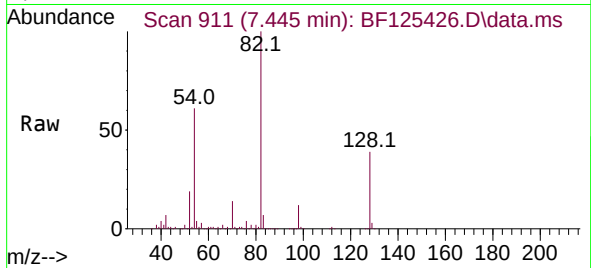




#25
Isophorone
Concen: 24.420 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.264 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

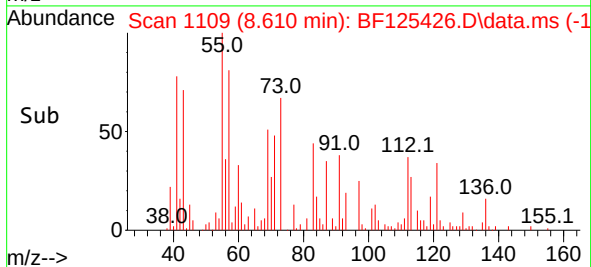
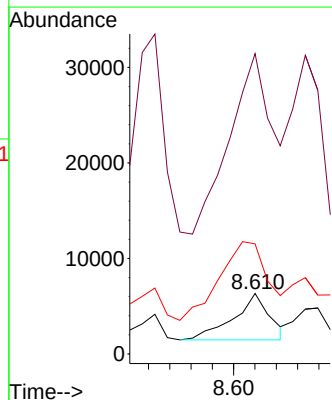
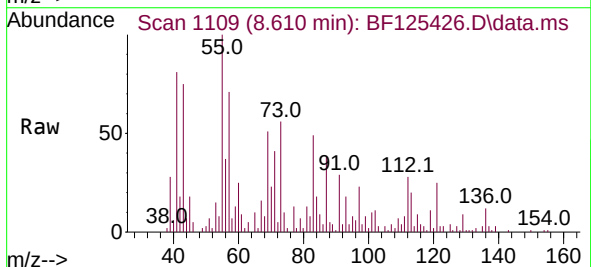
Instrument :
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ClientSampleId :
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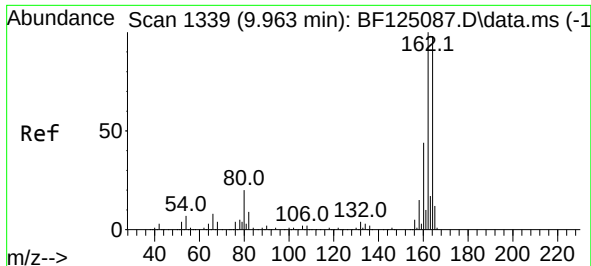
Tgt Ion: 82 Resp: 498110
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#35
Caprolactam
Concen: 2.696 ng
RT: 8.610 min Scan# 1109
Delta R.T. -0.017 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

Tgt Ion: 113 Resp: 5735
Ion Ratio Lower Upper
113 100
55 496.2 154.1 194.1#
56 181.8 108.7 148.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125426.D

Acq: 10 Sep 2021 16:18

Instrument :

BNA_F

ClientSampleId :

253

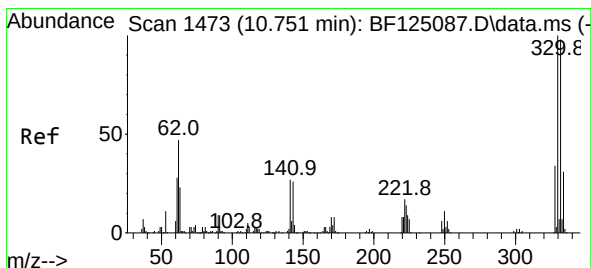
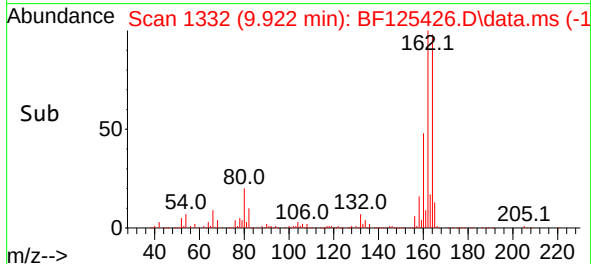
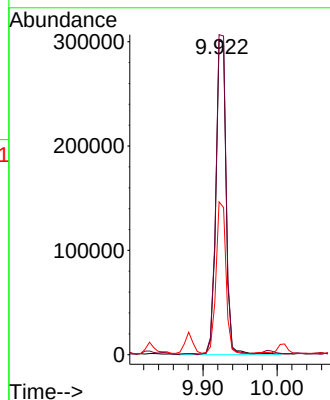
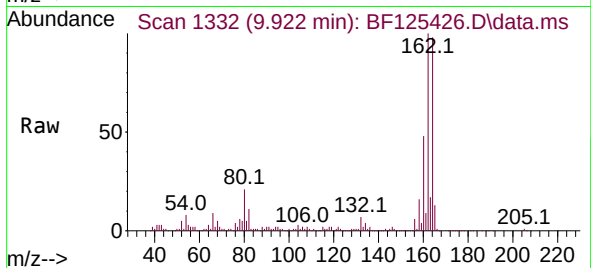
Tgt Ion:164 Resp: 287105

Ion Ratio Lower Upper

164 100

162 101.9 81.3 121.9

160 48.7 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 40.958 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF125426.D

Acq: 10 Sep 2021 16:18

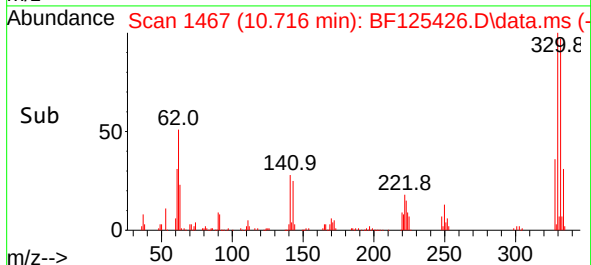
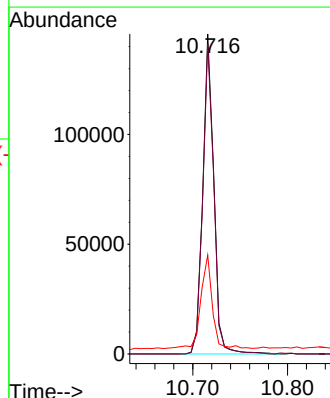
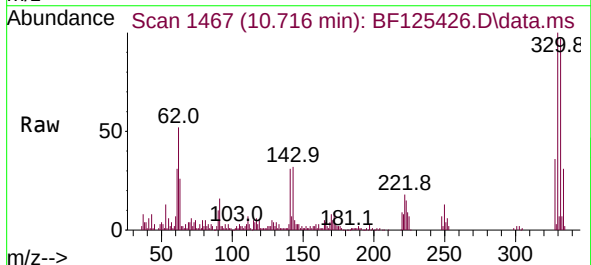
Tgt Ion:330 Resp: 117383

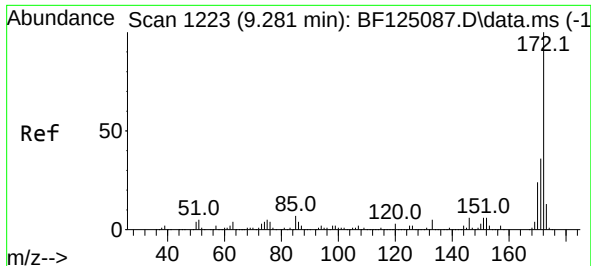
Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 34.4 44.6 66.8#

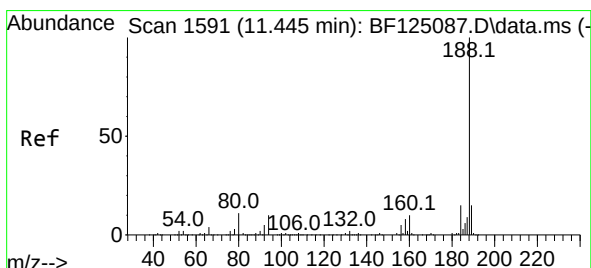
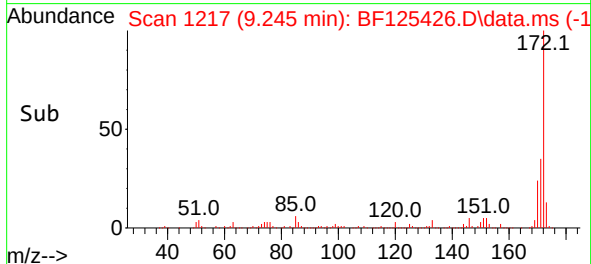
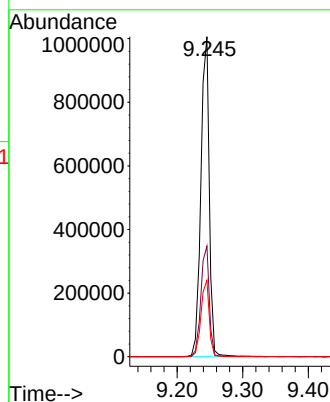
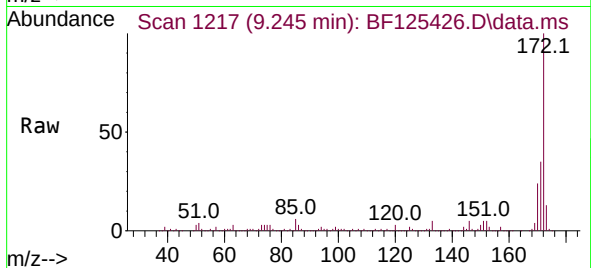




#45
2-Fluorobiphenyl
Concen: 43.656 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

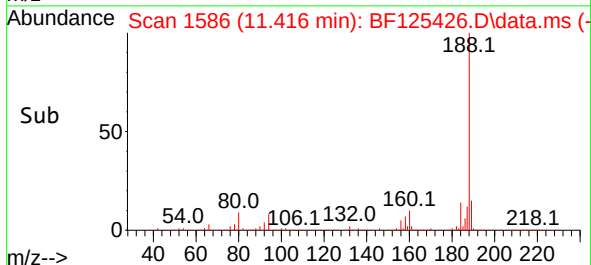
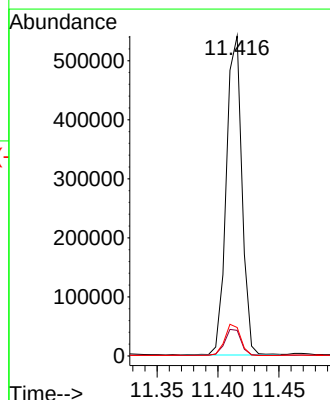
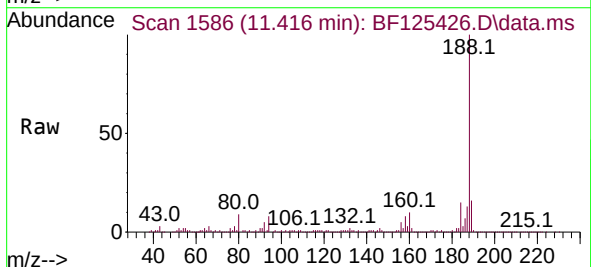
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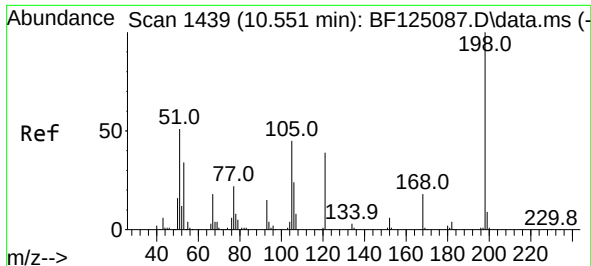
Tgt Ion:172 Resp: 899298
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.9 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

Tgt Ion:188 Resp: 481730
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.9 7.5 11.3

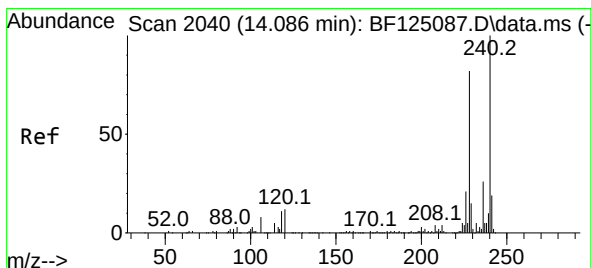
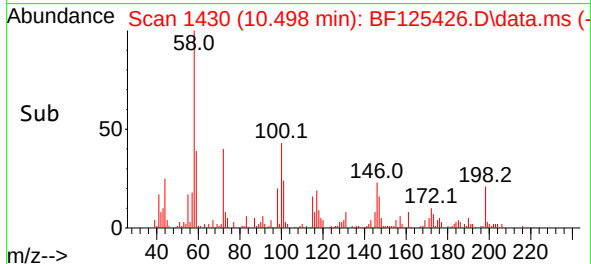
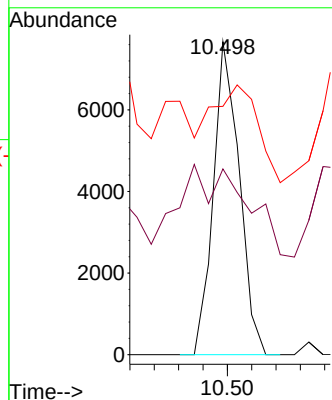
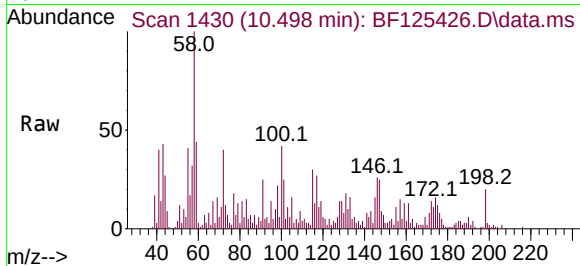




#65
4,6-Dinitro-2-methylphenol
Concen: 2.220 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.029 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

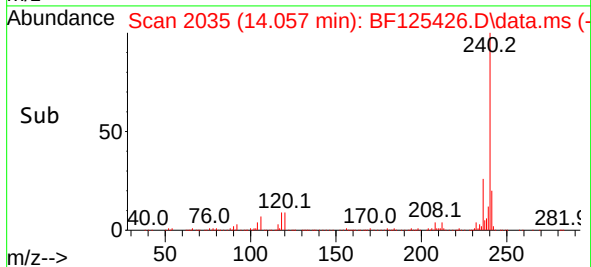
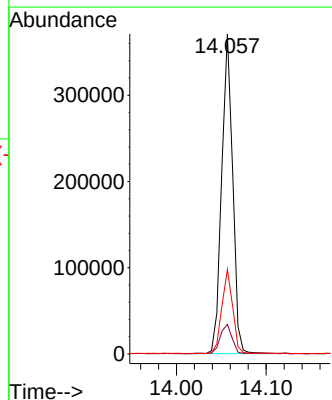
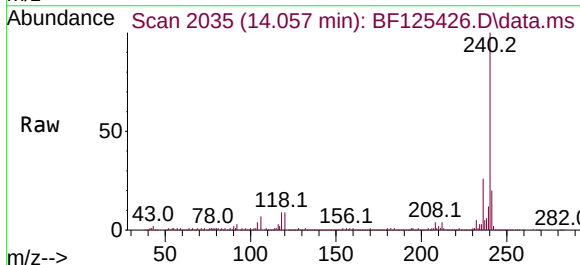
Instrument :
BNA_F
ClientSampleId :
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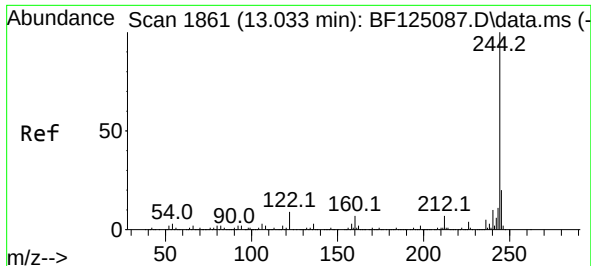
Tgt Ion:198 Resp: 5659
Ion Ratio Lower Upper
198 100
51 59.4 45.3 85.3
105 79.3 30.6 70.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

Tgt Ion:240 Resp: 316477
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 26.4 21.6 32.4

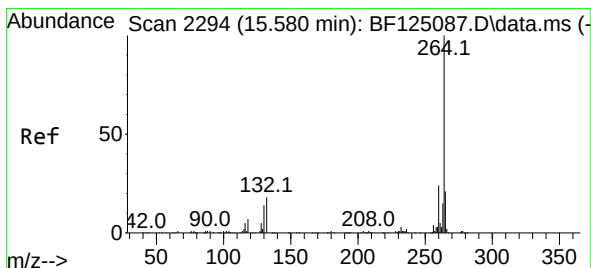
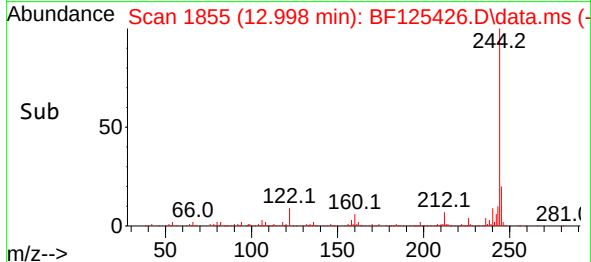
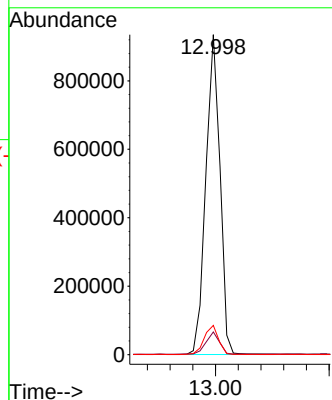
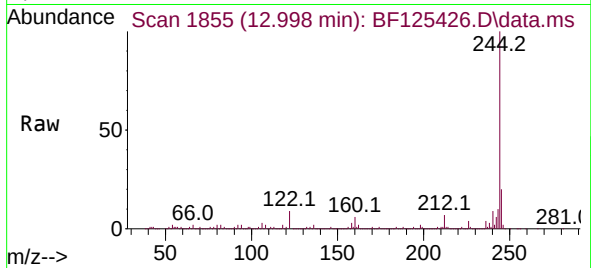




#79
Terphenyl-d14
Concen: 40.531 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

Instrument :
BNA_F
ClientSampleId :
253

Tgt Ion:244 Resp: 805180
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF125426.D
Acq: 10 Sep 2021 16:18

Tgt Ion:264 Resp: 316868
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 21.6 17.2 25.8

