

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125482.D
 Acq On : 14 Sep 2021 19:36
 Operator : JU/CG
 Sample : M3724-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 31190

Quant Time: Sep 15 01:06:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 14 17:17:24 2021
 Response via : Initial Calibration

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

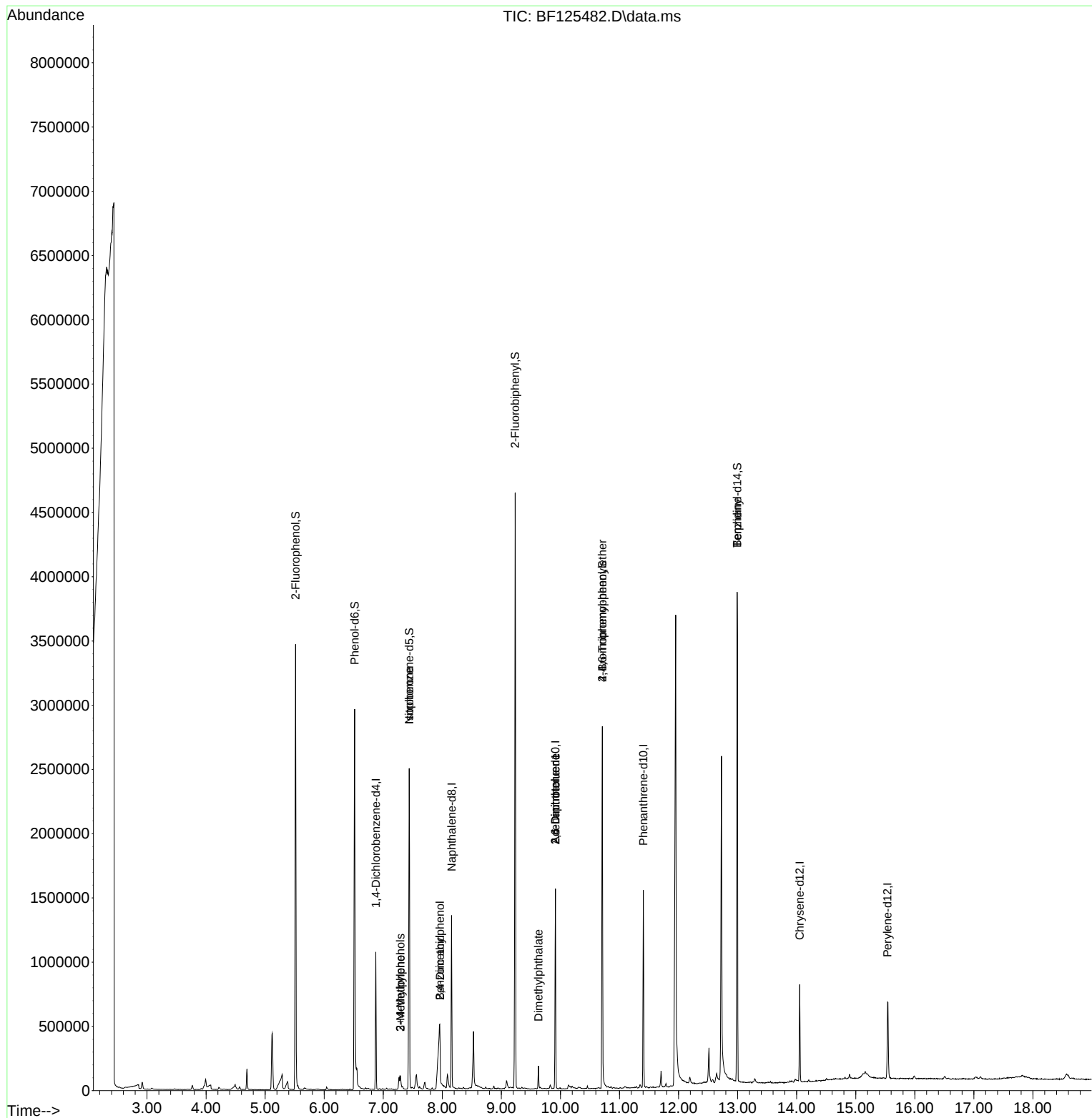
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140407	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	550234	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	300469	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	535935	20.000	ng	0.00
76) Chrysene-d12	14.051	240	245511	20.000	ng	#-0.01
86) Perylene-d12	15.539	264	284573	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	891309	96.084	ng	0.01
7) Phenol-d6	6.516	99	1039242	86.623	ng	0.00
23) Nitrobenzene-d5	7.439	82	848207	77.607	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	373050	124.377	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1503904	69.759	ng	0.00
79) Terphenyl-d14	12.992	244	1442804	93.622	ng	0.00
Target Compounds						
						Qvalue
17) 2-Methylphenol	7.292	107	25998	3.270	ng	# 73
20) 3+4-Methylphenols	7.292	107	25998	2.605	ng	# 74
25) Isophorone	7.439	82	848195	40.229	ng	# 59
27) 2,4-Dimethylphenol	7.963	122	166871	20.045	ng	# 8
32) Benzoic acid	7.963	122	170217	30.125	ng	# 87
50) Dimethylphthalate	9.627	163	53265	2.558	ng	# 95
51) 2,6-Dinitrotoluene	9.916	165	38130	8.445	ng	# 28
57) 2,4-Dinitrotoluene	9.916	165	38130	6.978	ng	# 19
67) 4-Bromophenyl-phenylether	10.710	248	23010	3.575	ng	# 1
77) Benzidine	12.992	184	18466	2.154	ng	# 94

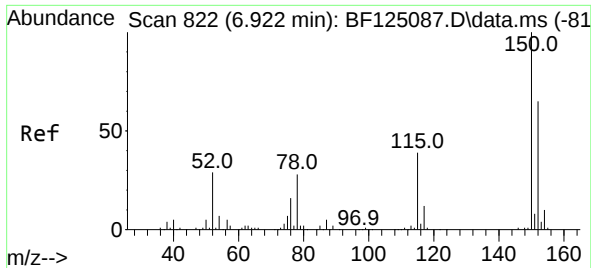
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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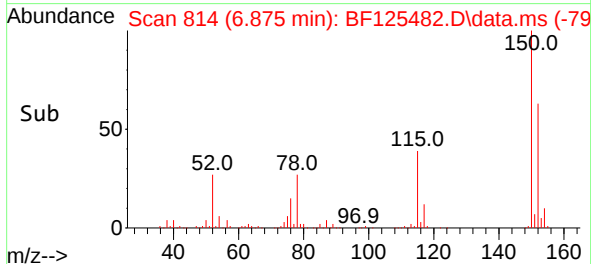
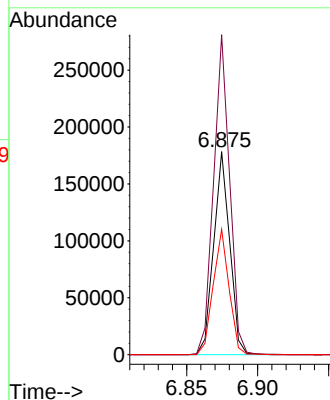
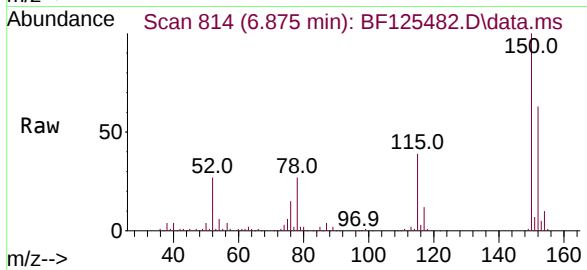




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

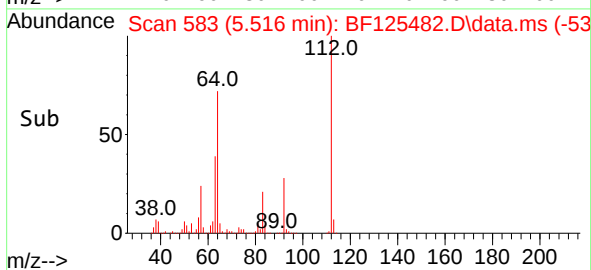
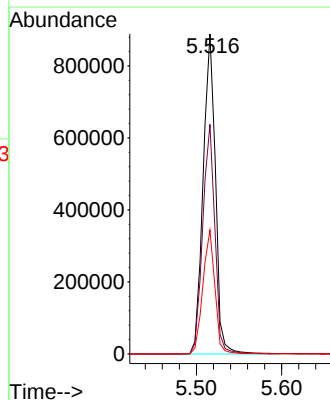
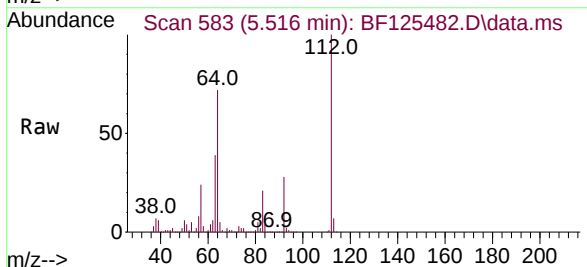
Instrument :
BNA_F
ClientSampleId :
31190

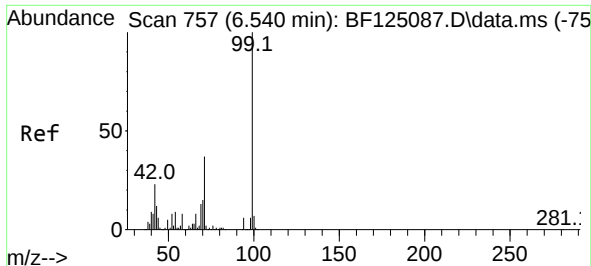
Tgt Ion:152 Resp: 140407
Ion Ratio Lower Upper
152 100
150 157.6 117.6 176.4
115 61.7 47.1 70.7



#5
2-Fluorophenol
Concen: 96.084 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

Tgt Ion:112 Resp: 891309
Ion Ratio Lower Upper
112 100
64 71.8 44.2 66.2#
63 38.7 26.2 39.2

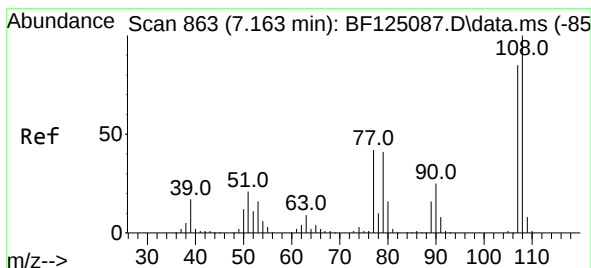
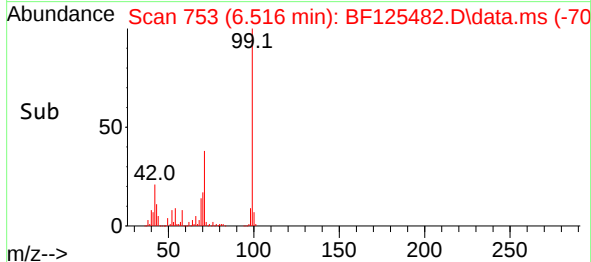
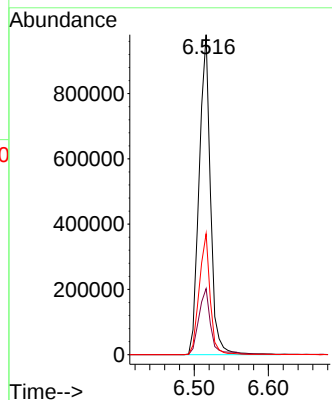
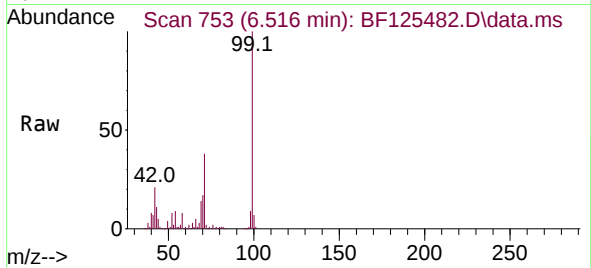




#7
Phenol-d6
Concen: 86.623 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

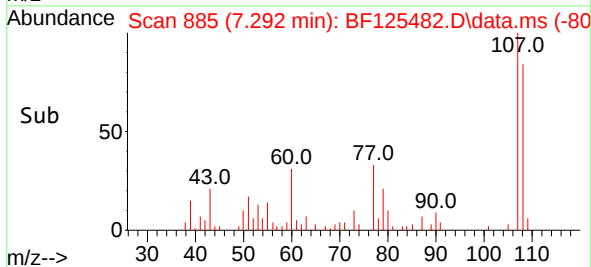
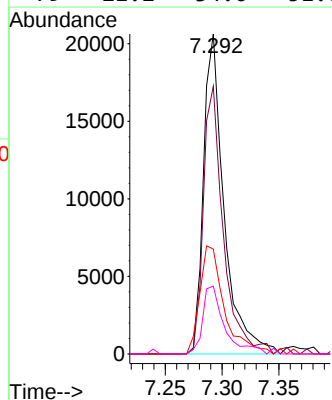
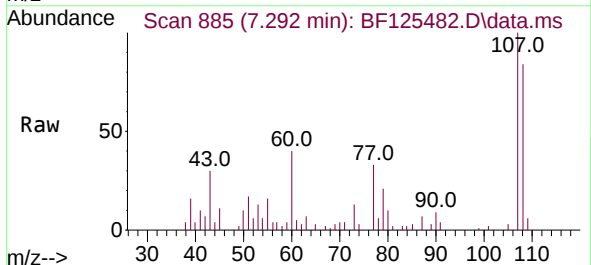
Instrument :
BNA_F
ClientSampled :
31190

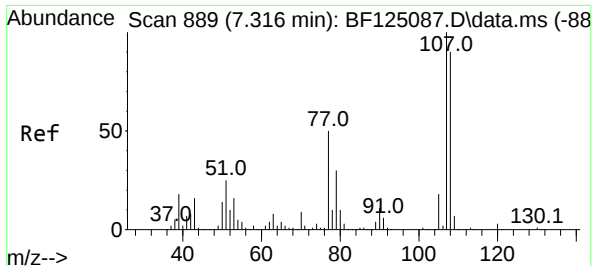
Tgt Ion: 99 Resp: 1039242
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 37.8 25.6 38.4



#17
2-Methylphenol
Concen: 3.270 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.153 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

Tgt Ion: 107 Resp: 25998
Ion Ratio Lower Upper
107 100
108 83.7 90.6 135.8#
77 32.8 35.7 53.5#
79 21.2 34.0 51.0#

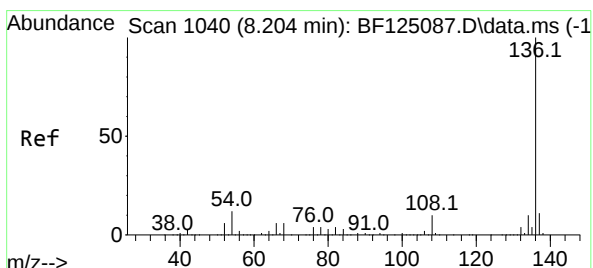
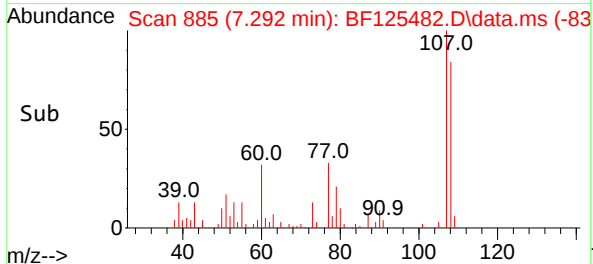
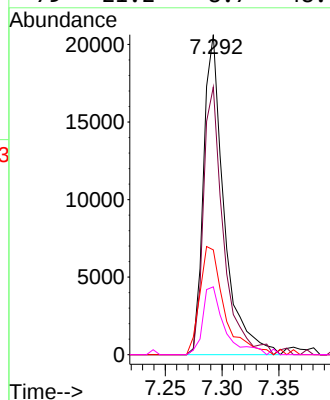
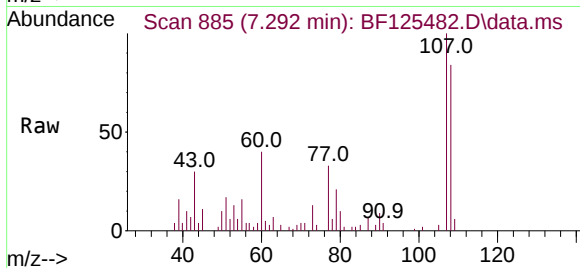




#20
3+4-Methylphenols
Concen: 2.605 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

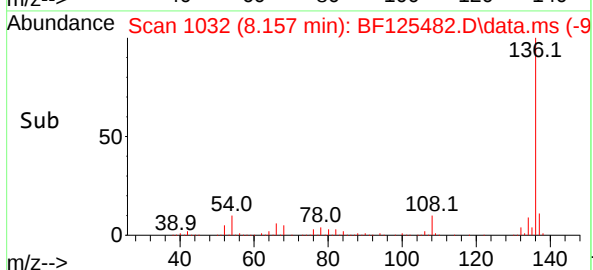
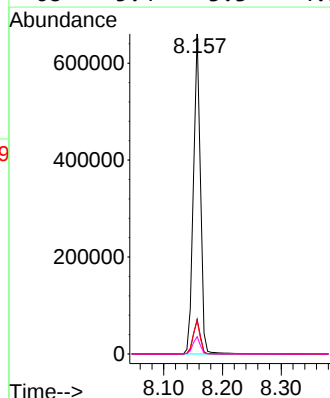
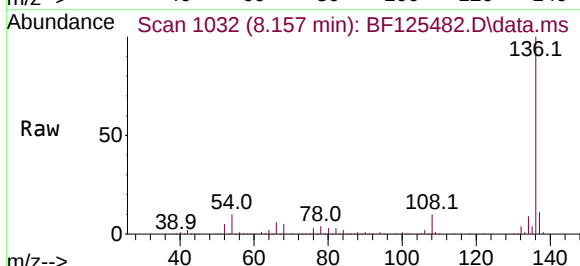
Instrument :
BNA_F
ClientSampleId :
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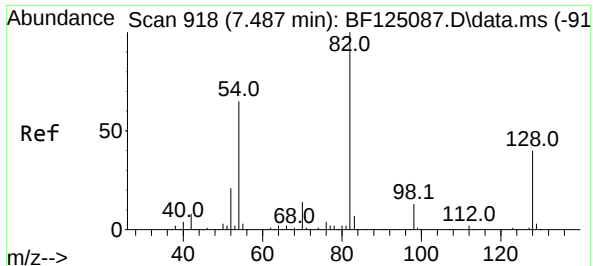
Tgt Ion:	107	Resp:	25998
Ion	Ratio	Lower	Upper
107	100		
108	83.7	76.6	116.6
77	32.8	53.3	93.3#
79	21.2	8.7	48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

Tgt Ion:	136	Resp:	550234
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	10.3	6.4	9.6#
68	5.4	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 77.607 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF125482.D

Acq: 14 Sep 2021 19:36

Tgt Ion: 82 Resp: 848207

Ion Ratio Lower Upper

82 100

128 38.5 40.6 60.8#

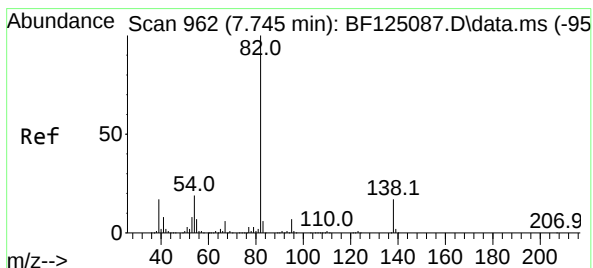
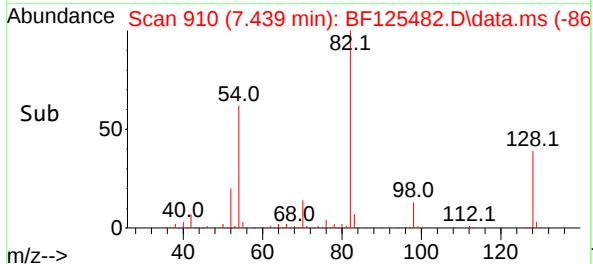
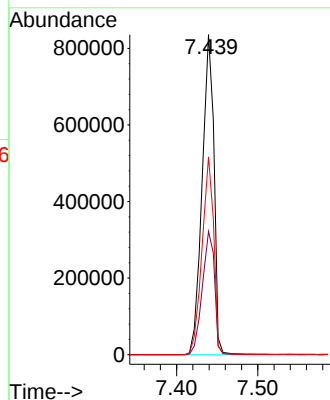
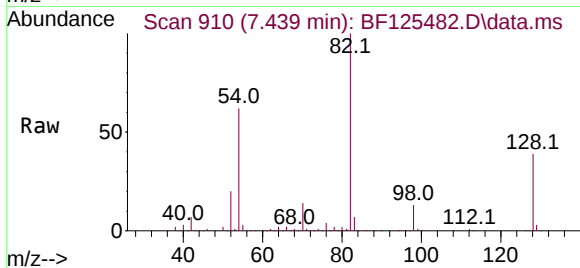
54 61.8 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

31190



#25

Isophorone

Concen: 40.229 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.265 min

Lab File: BF125482.D

Acq: 14 Sep 2021 19:36

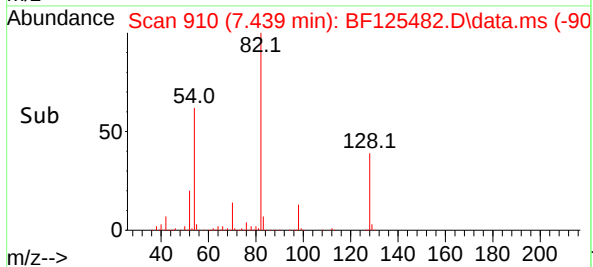
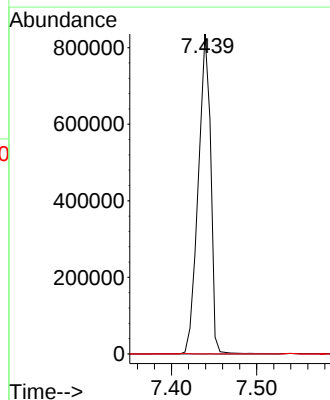
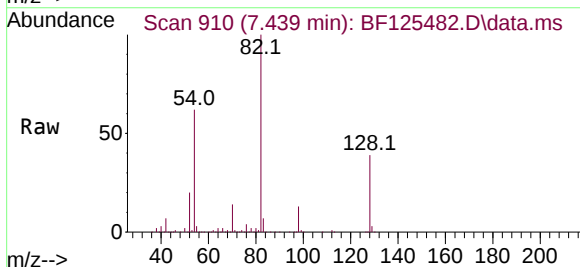
Tgt Ion: 82 Resp: 848195

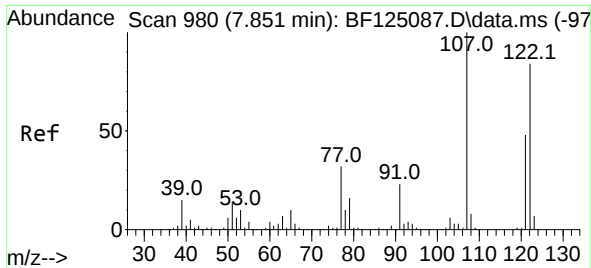
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

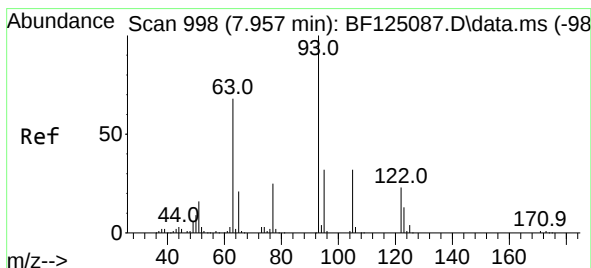
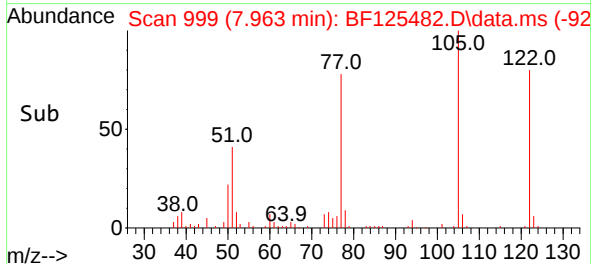
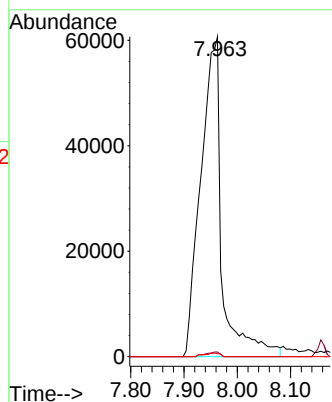
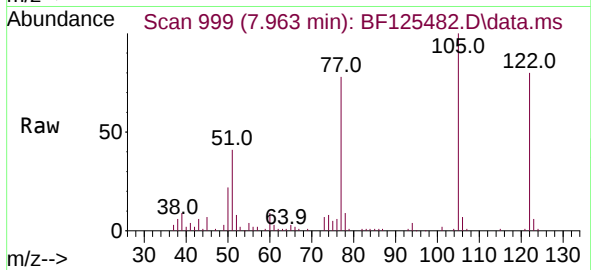




#27
2,4-Dimethylphenol
Concen: 20.045 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.147 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

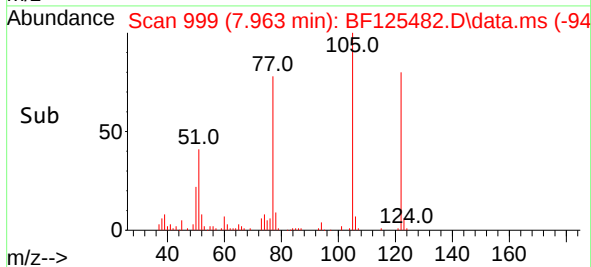
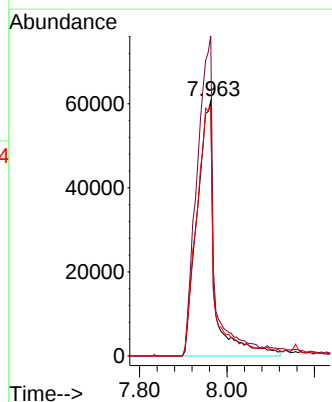
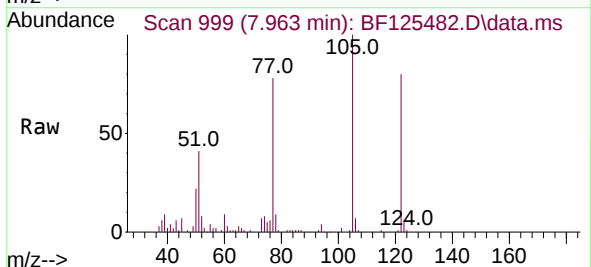
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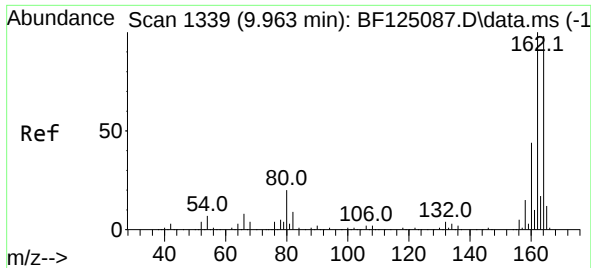
Tgt Ion:122 Resp: 166871
Ion Ratio Lower Upper
122 100
107 1.4 85.0 127.6#
121 0.9 43.3 64.9#



#32
Benzoic acid
Concen: 30.125 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

Tgt Ion:122 Resp: 170217
Ion Ratio Lower Upper
122 100
105 125.5 97.6 137.6
77 97.9 59.6 99.6

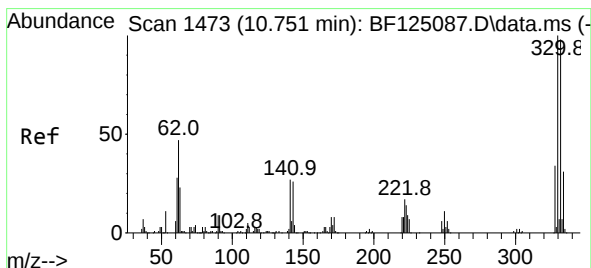
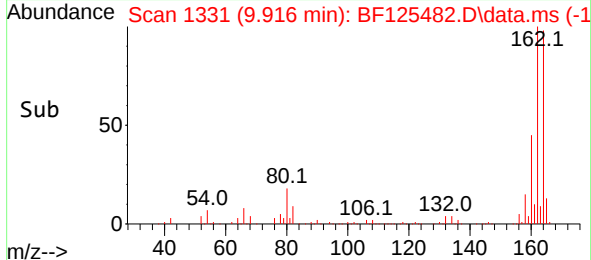
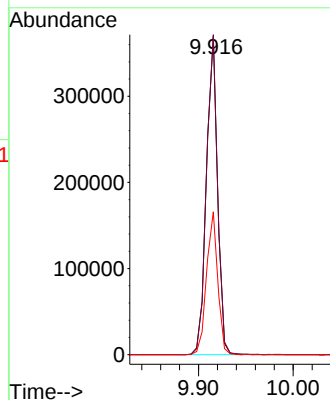
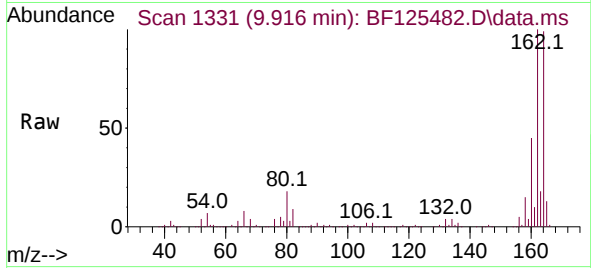




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

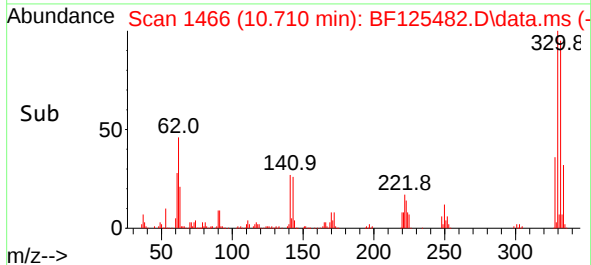
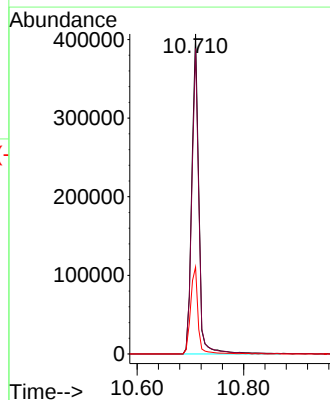
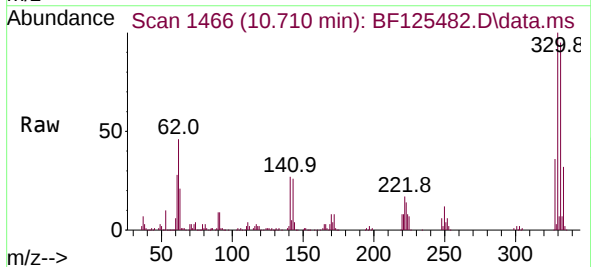
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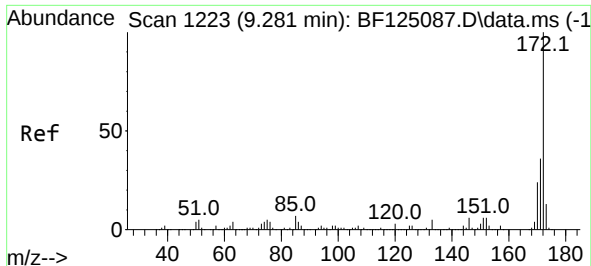
Tgt Ion:164 Resp: 300469
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 44.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 124.377 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

Tgt Ion:330 Resp: 373050
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 28.7 44.6 66.8#

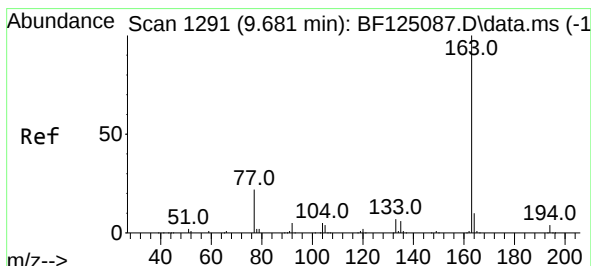
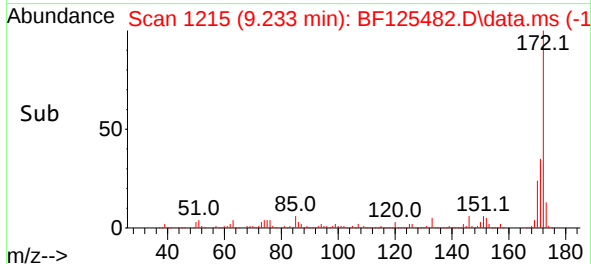
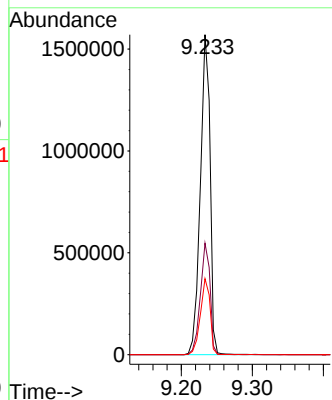
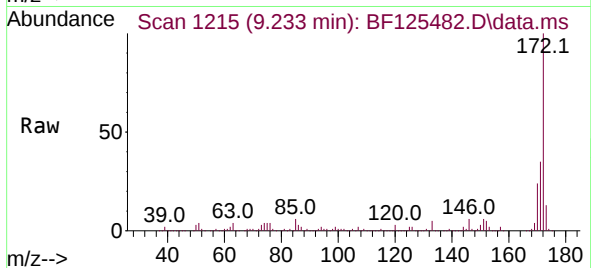




#45
2-Fluorobiphenyl
Concen: 69.759 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

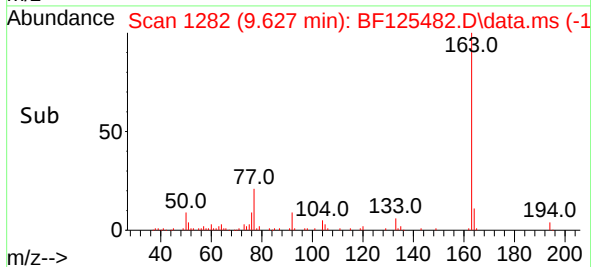
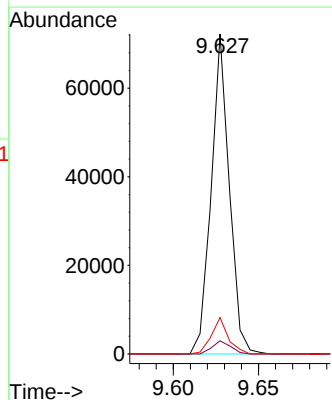
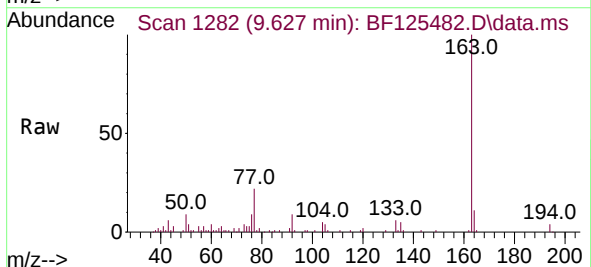
Instrument :
BNA_F
ClientSampleId :
31190

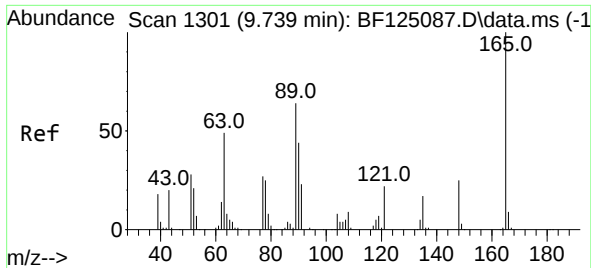
Tgt Ion:172 Resp: 1503904
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.8 18.8 28.2



#50
Dimethylphthalate
Concen: 2.558 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.018 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

Tgt Ion:163 Resp: 53265
Ion Ratio Lower Upper
163 100
194 4.1 2.6 3.8#
164 11.4 7.4 11.0#

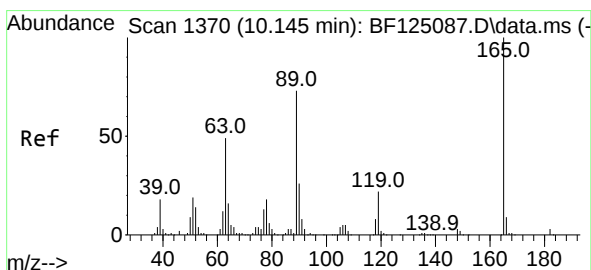
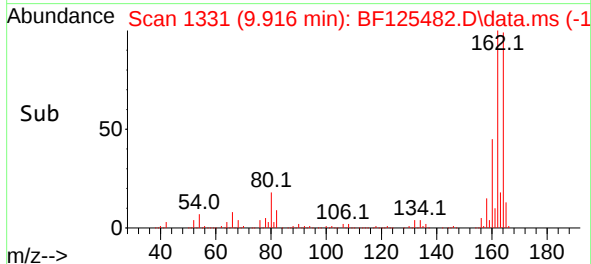
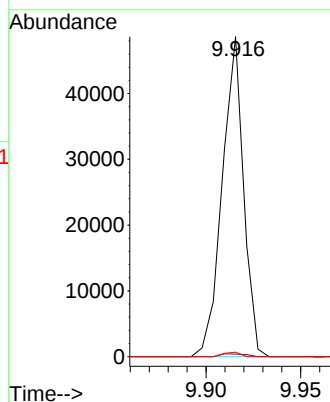
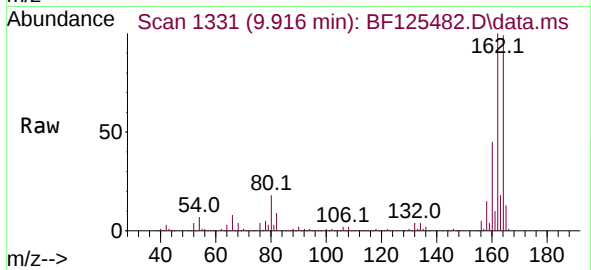




#51
2,6-Dinitrotoluene
Concen: 8.445 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

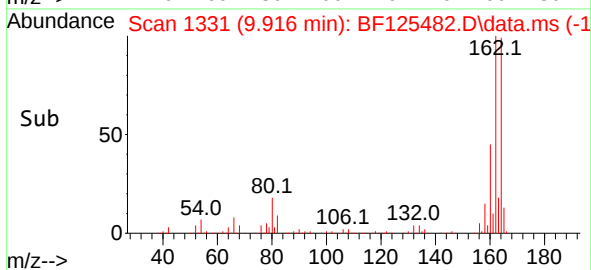
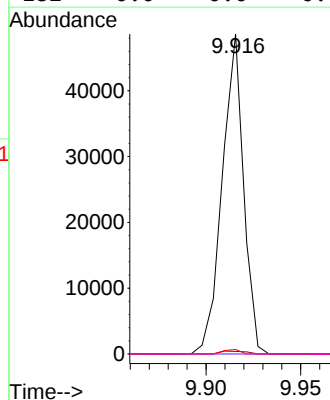
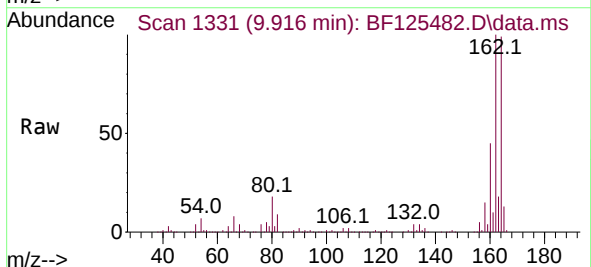
Instrument :
BNA_F
ClientSampled :
31190

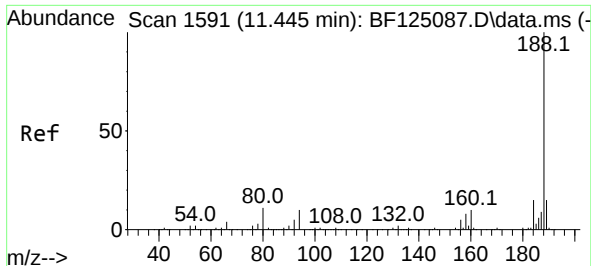
Tgt Ion:165 Resp: 38130
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.978 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

Tgt Ion:165 Resp: 38130
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

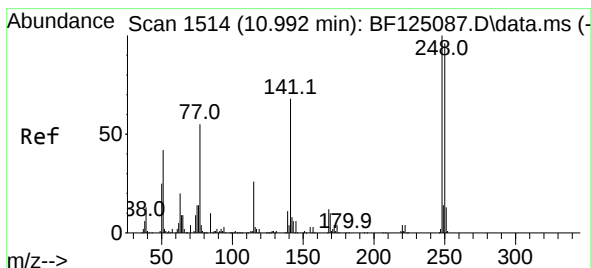
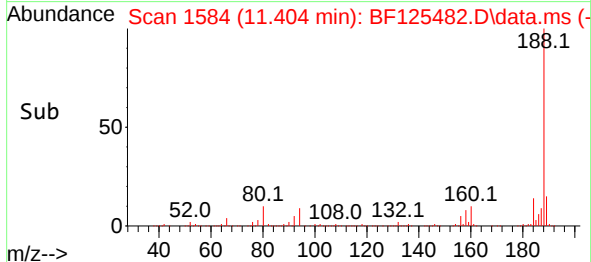
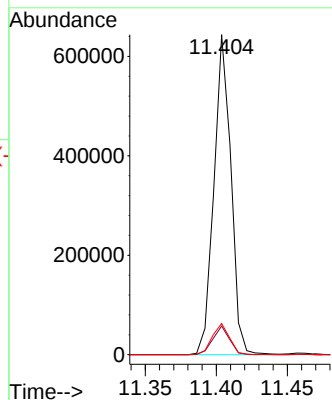
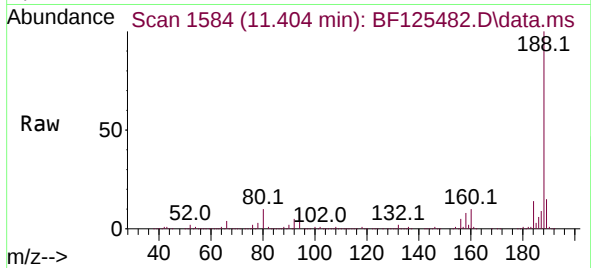




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

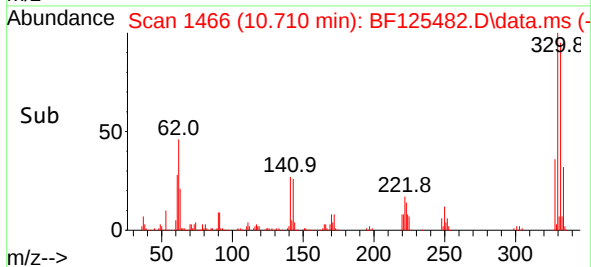
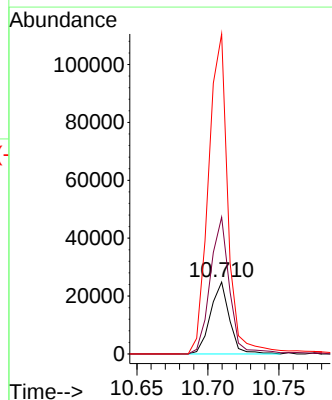
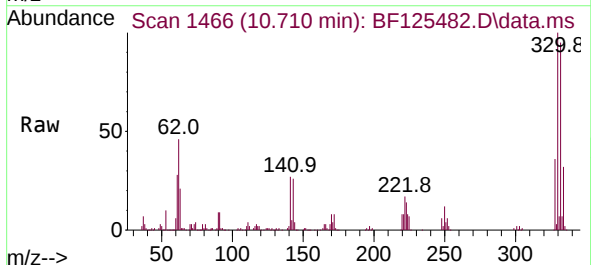
Instrument :
BNA_F
ClientSampleId :
31190

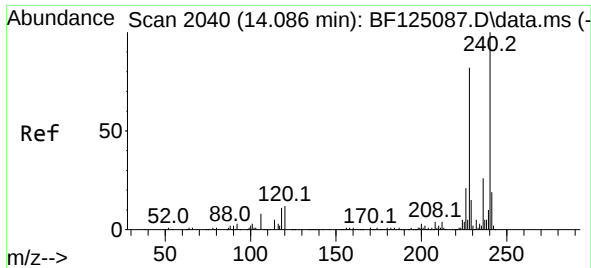
Tgt Ion:188 Resp: 535935
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.575 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

Tgt Ion:248 Resp: 23010
Ion Ratio Lower Upper
248 100
250 190.3 74.2 111.4#
141 445.3 60.4 90.6#

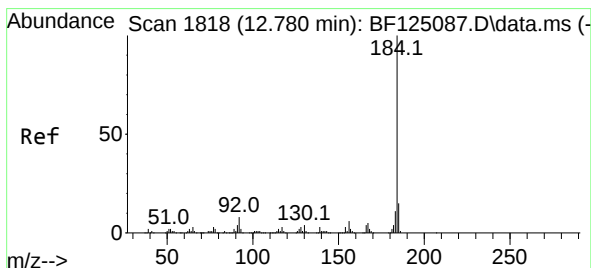
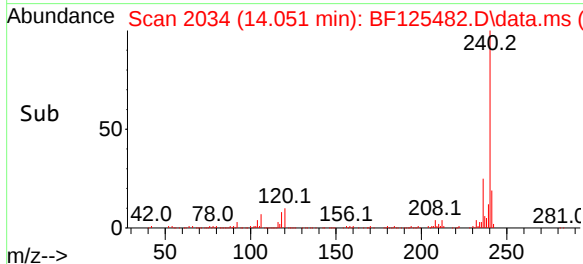
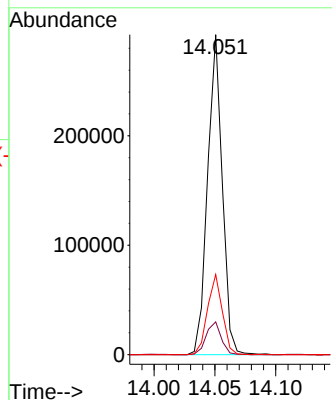
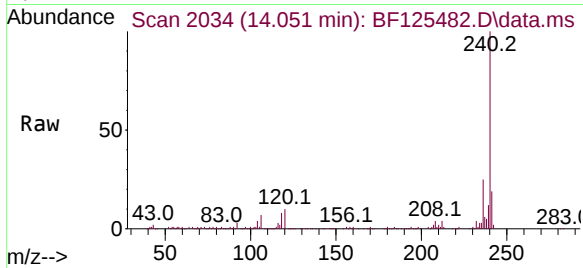




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

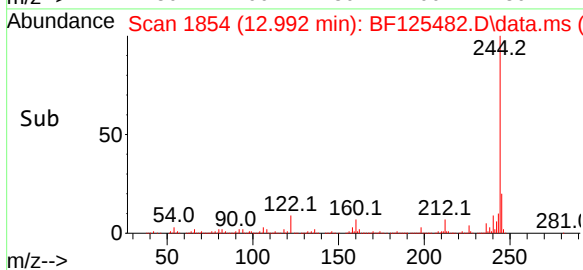
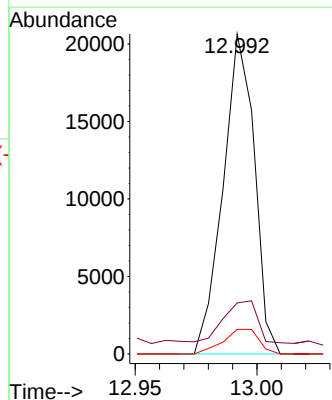
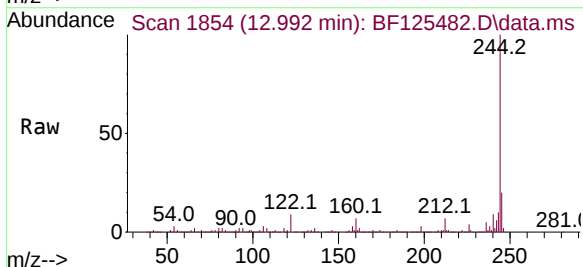
Instrument :
BNA_F
ClientSampleId :
31190

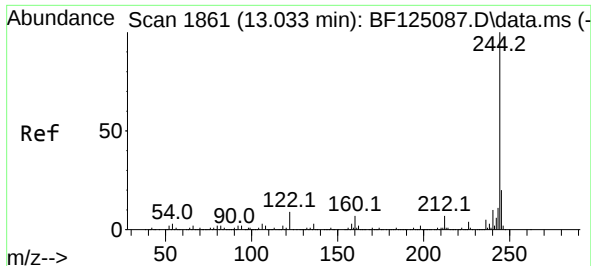
Tgt Ion:240 Resp: 245511
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 25.1 21.6 32.4



#77
Benzidine
Concen: 2.154 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.241 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

Tgt Ion:184 Resp: 18466
Ion Ratio Lower Upper
184 100
185 15.9 10.8 16.2
183 7.7 8.1 12.1#

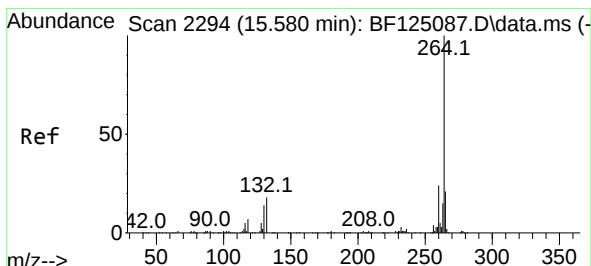
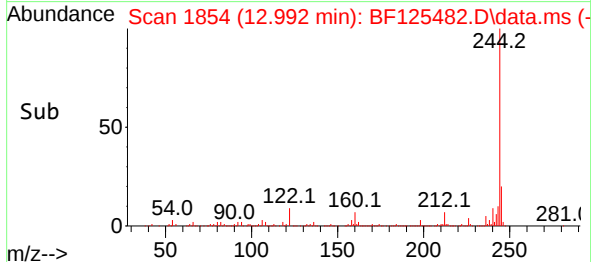
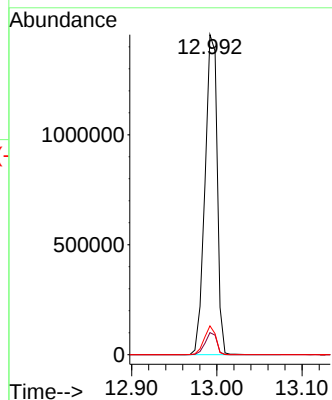
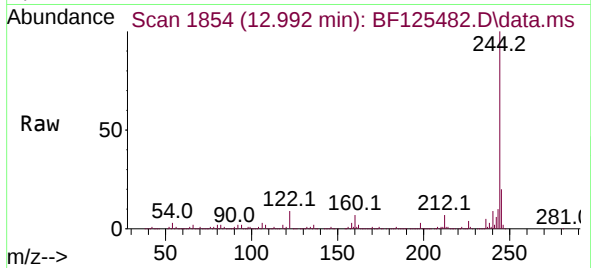




#79
Terphenyl-d14
Concen: 93.622 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

Instrument :
BNA_F
ClientSampleId :
31190

Tgt Ion:244 Resp: 1442804
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: 15.539 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BF125482.D
Acq: 14 Sep 2021 19:36

Tgt Ion:264 Resp: 284573
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.5 17.2 25.8

