

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125453.D
 Acq On : 13 Sep 2021 20:15
 Operator : JU/CG
 Sample : M3684-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A001015

Quant Time: Sep 14 03:30:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

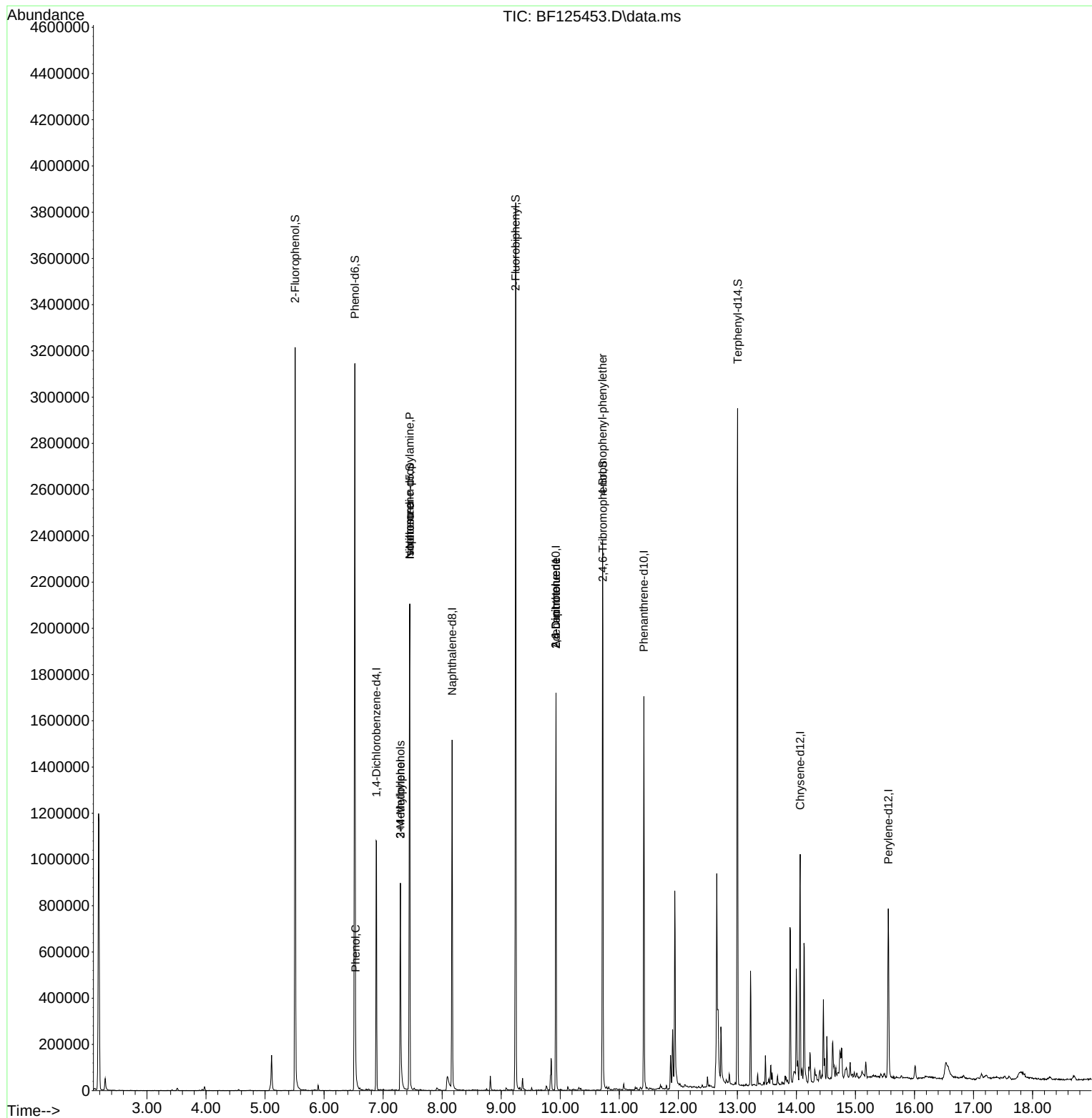
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	165741	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	643078	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	334843	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	582665	20.000	ng	0.00
76) Chrysene-d12	14.062	240	333499	20.000	ng	#-0.01
86) Perylene-d12	15.556	264	334443	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	820763	74.955	ng	0.00
7) Phenol-d6	6.522	99	1032185	72.884	ng	-0.01
23) Nitrobenzene-d5	7.451	82	665116	52.069	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	313637	93.834	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1125904	46.864	ng	0.00
79) Terphenyl-d14	13.004	244	1057609	50.521	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.534	94	31103	2.097	ng	97
17) 2-Methylphenol	7.292	107	257938	27.488	ng	# 72
19) n-Nitroso-di-n-propyla...	7.451	70	90057	10.572	ng	# 54
20) 3+4-Methylphenols	7.292	107	260673	22.130	ng	# 72
25) Isophorone	7.451	82	662881	26.900	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	44481	8.840	ng	# 27
57) 2,4-Dinitrotoluene	9.927	165	44481	7.304	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	18332	2.620	ng	# 1

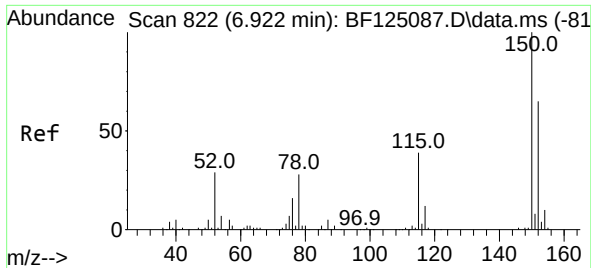
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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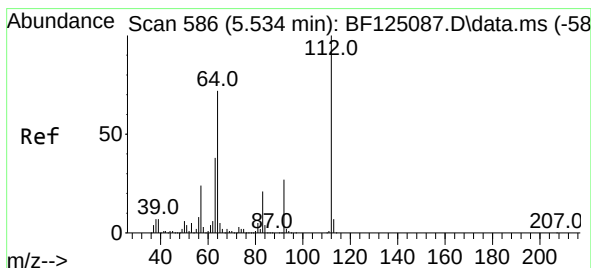
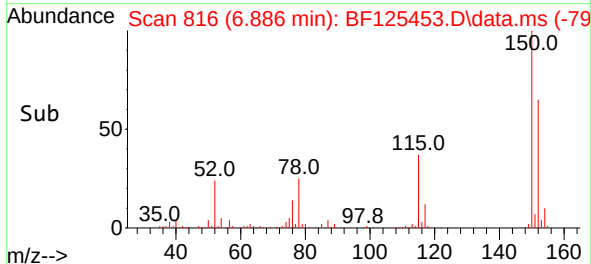
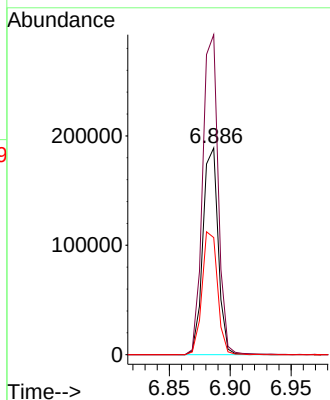
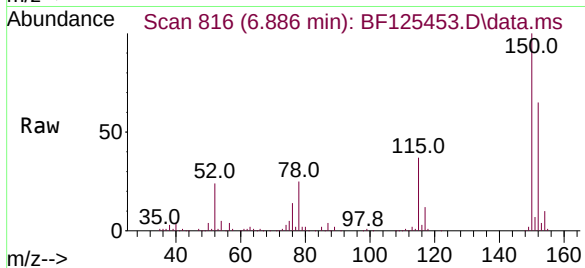




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF125453.D
 Acq: 13 Sep 2021 20:15

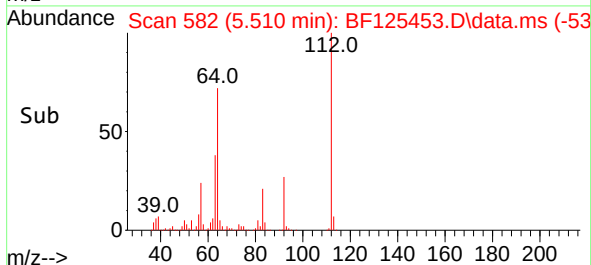
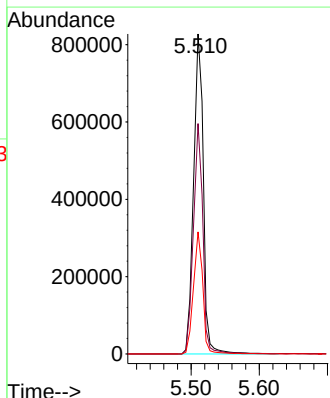
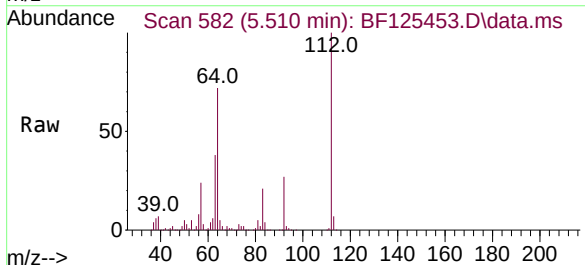
Instrument :
 BNA_F
 ClientSampleId :
 A001015

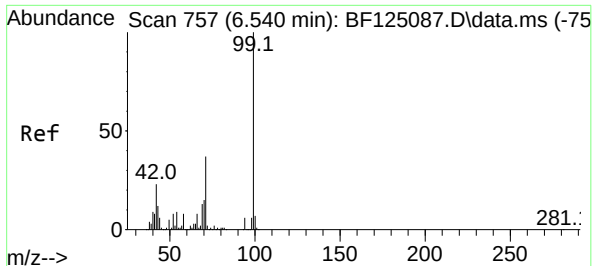
Tgt Ion:152 Resp: 165741
 Ion Ratio Lower Upper
 152 100
 150 154.7 117.6 176.4
 115 56.6 47.1 70.7



#5
 2-Fluorophenol
 Concen: 74.955 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.006 min
 Lab File: BF125453.D
 Acq: 13 Sep 2021 20:15

Tgt Ion:112 Resp: 820763
 Ion Ratio Lower Upper
 112 100
 64 72.0 44.2 66.2#
 63 38.1 26.2 39.2

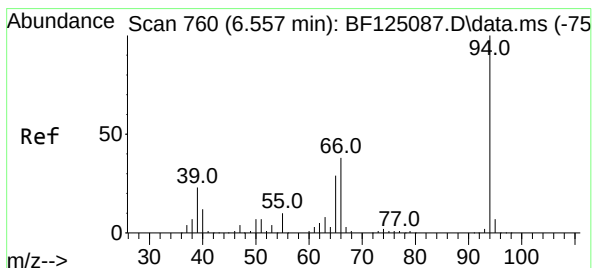
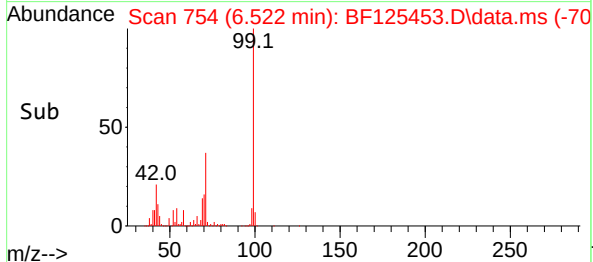
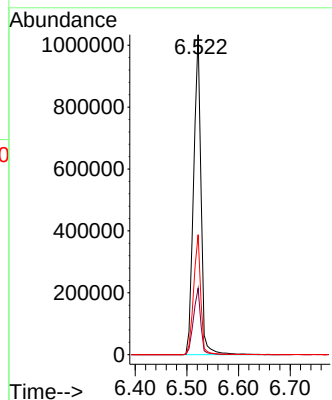
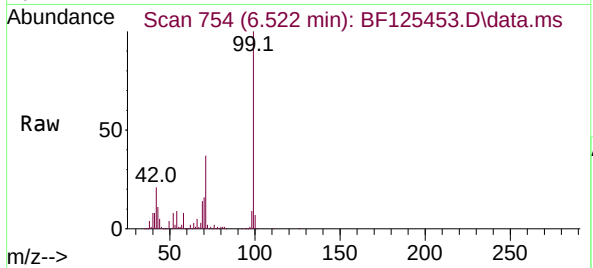




#7
Phenol-d6
Concen: 72.884 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

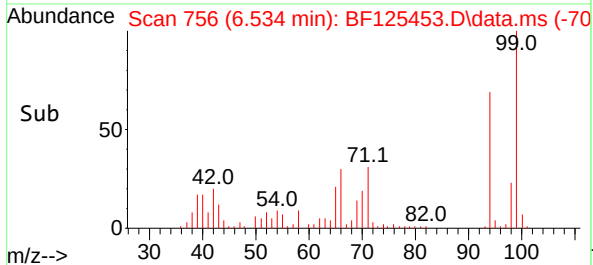
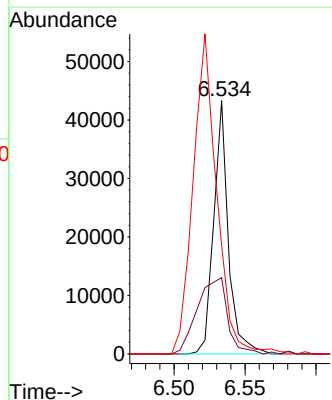
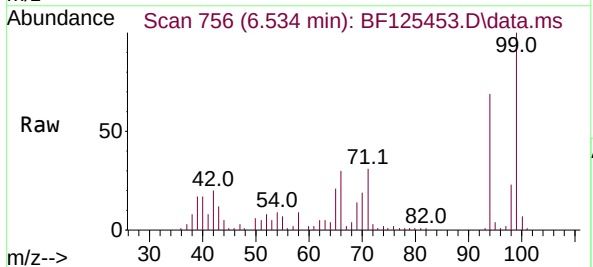
Instrument :
BNA_F
ClientSampleId :
A001015

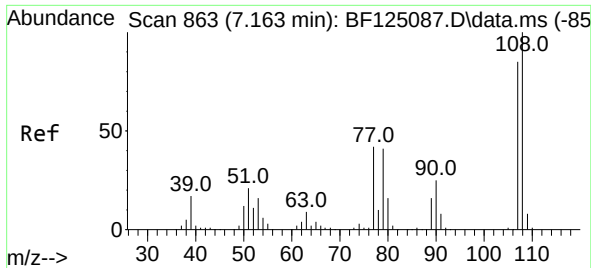
Tgt Ion: 99 Resp: 1032185
Ion Ratio Lower Upper
99 100
42 20.8 23.5 35.3#
71 37.5 25.6 38.4



#10
Phenol
Concen: 2.097 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

Tgt Ion: 94 Resp: 31103
Ion Ratio Lower Upper
94 100
65 30.1 9.3 49.3
66 42.8 20.3 60.3

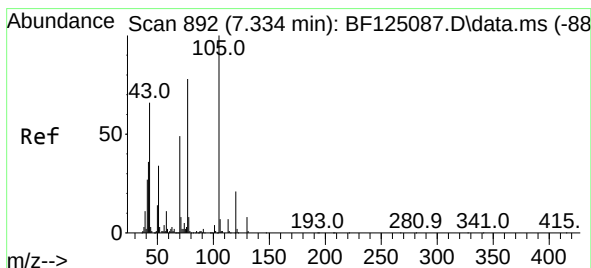
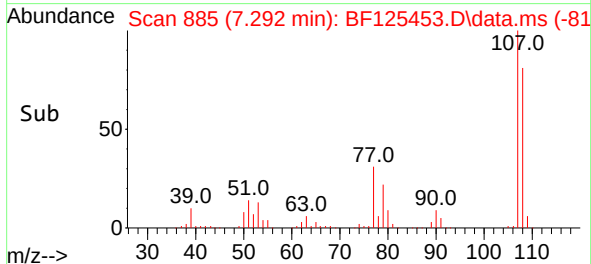
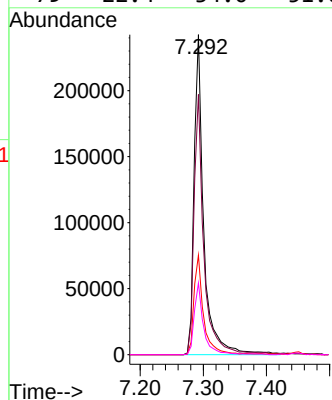
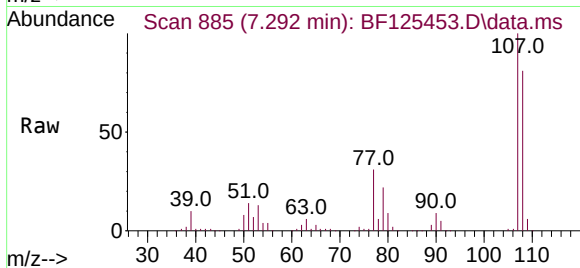




#17
2-Methylphenol
Concen: 27.488 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

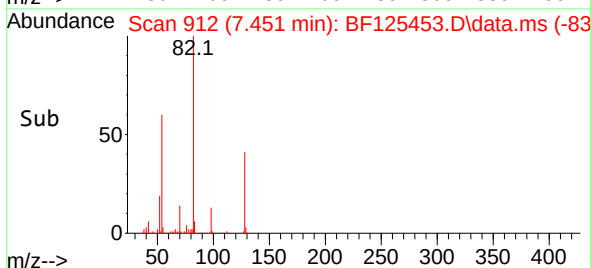
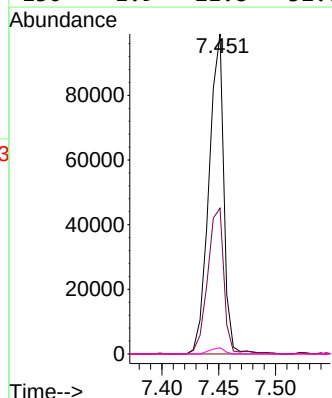
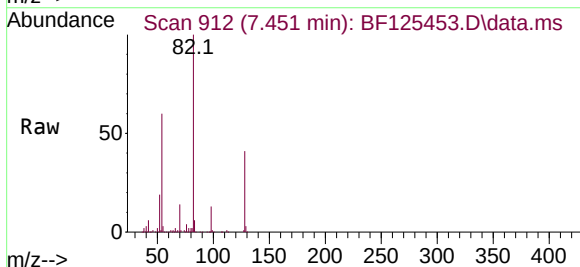
Instrument :
BNA_F
ClientSampleId :
A001015

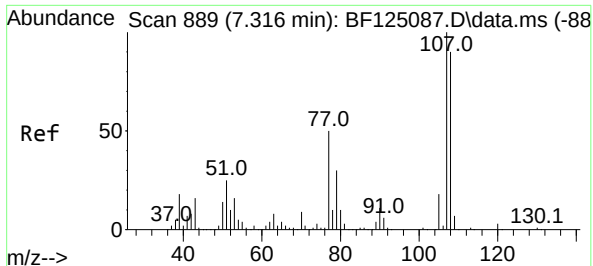
Tgt Ion:	107	Resp:	257938
Ion	Ratio	Lower	Upper
107	100		
108	81.3	90.6	135.8#
77	31.1	35.7	53.5#
79	22.4	34.0	51.0#



#19
n-Nitroso-di-n-propylamine
Concen: 10.572 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

Tgt Ion:	70	Resp:	90057
Ion	Ratio	Lower	Upper
70	100		
42	45.5	72.2	108.2#
101	0.0	7.8	11.8#
130	1.9	21.8	32.6#





#20

3+4-Methylphenols

Concen: 22.130 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF125453.D

Acq: 13 Sep 2021 20:15

Tgt Ion:107 Resp: 260673

Ion Ratio Lower Upper

107 100

108 81.3 76.6 116.6

77 31.1 53.3 93.3#

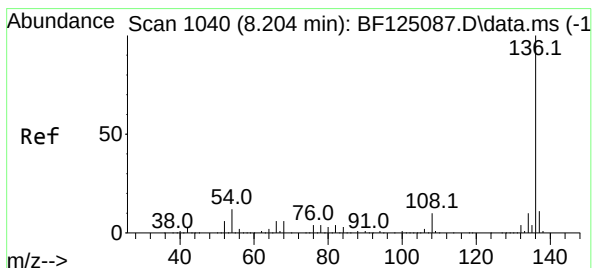
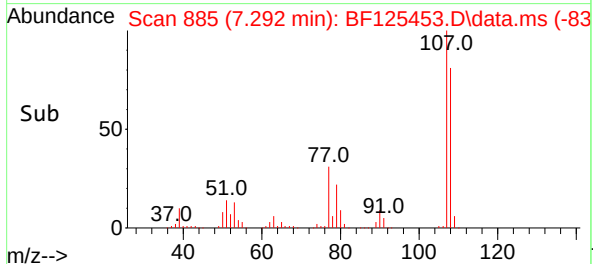
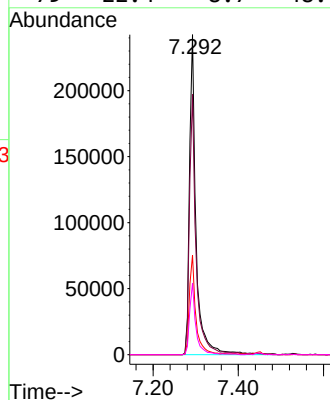
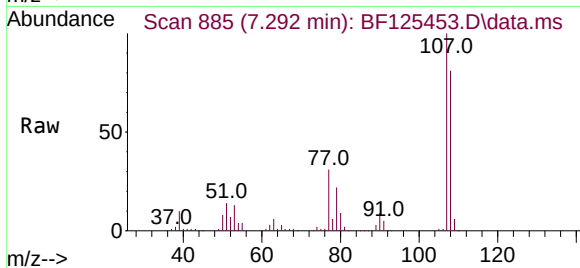
79 22.4 8.7 48.7

Instrument :

BNA_F

ClientSampleId :

A001015



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF125453.D

Acq: 13 Sep 2021 20:15

Tgt Ion:136 Resp: 643078

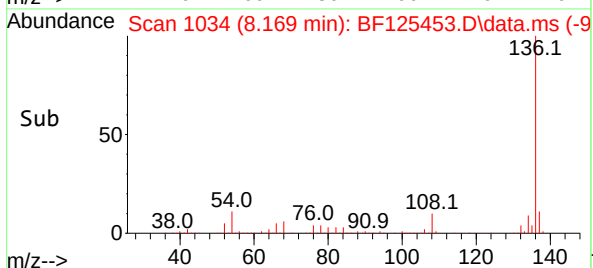
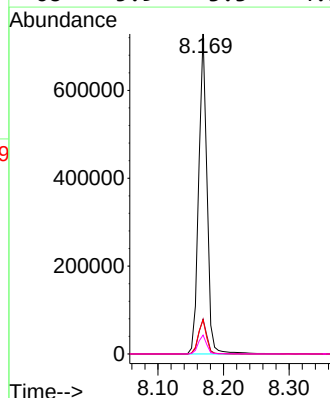
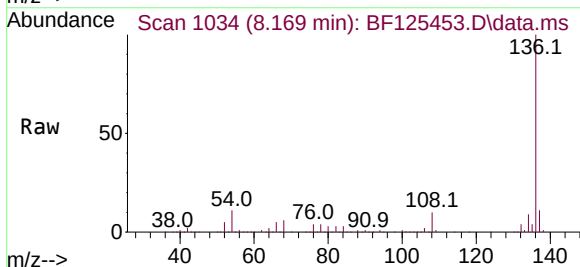
Ion Ratio Lower Upper

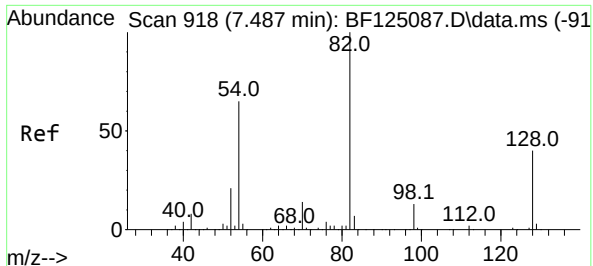
136 100

137 10.9 9.8 14.6

54 10.6 6.4 9.6#

68 5.9 3.3 4.9#

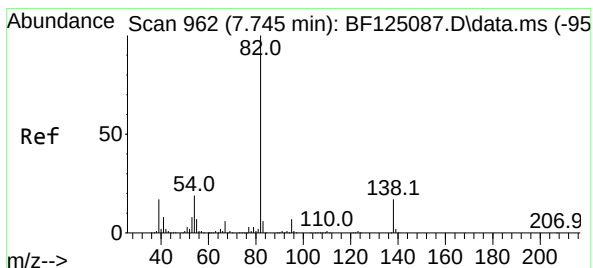
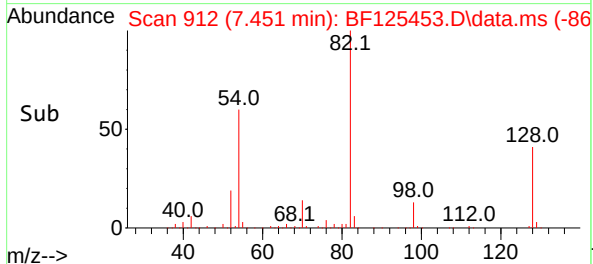
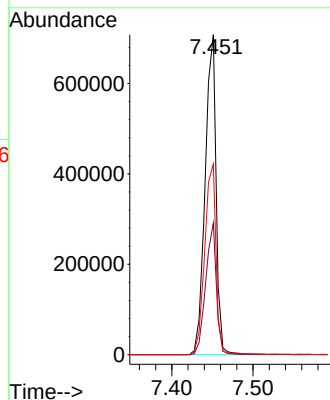
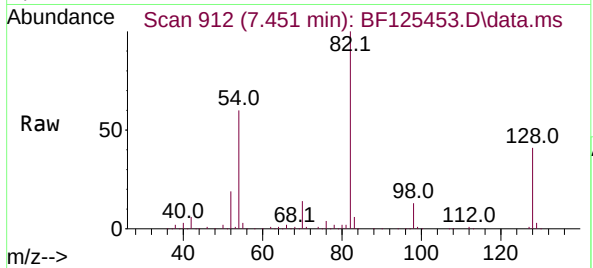




#23
Nitrobenzene-d5
Concen: 52.069 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

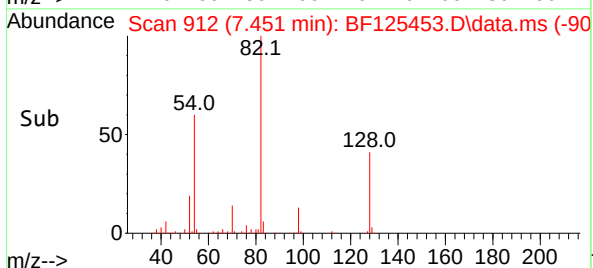
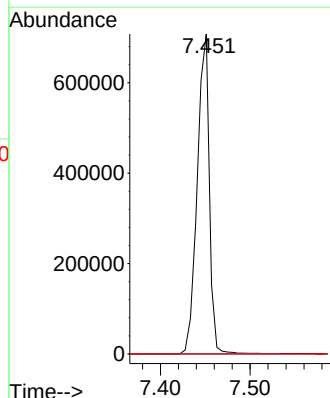
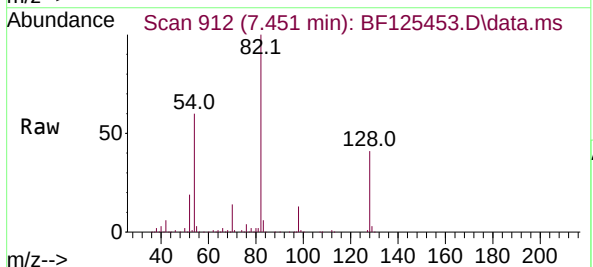
Instrument :
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ClientSampleId :
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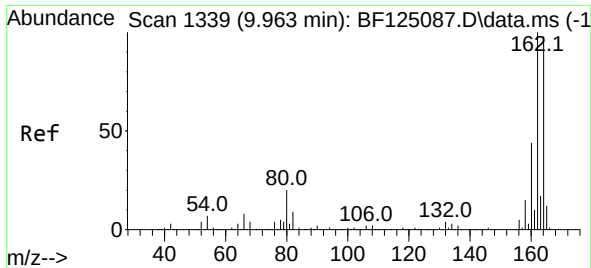
Tgt Ion: 82 Resp: 665116
Ion Ratio Lower Upper
82 100
128 41.1 40.6 60.8
54 59.6 49.6 74.4



#25
Isophorone
Concen: 26.900 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

Tgt Ion: 82 Resp: 662881
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

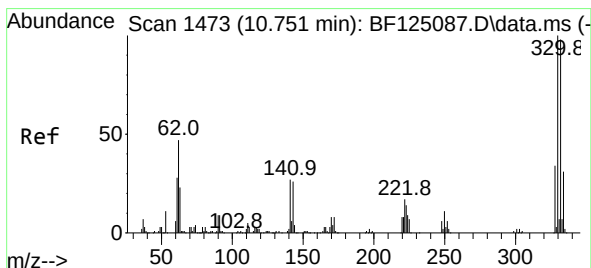
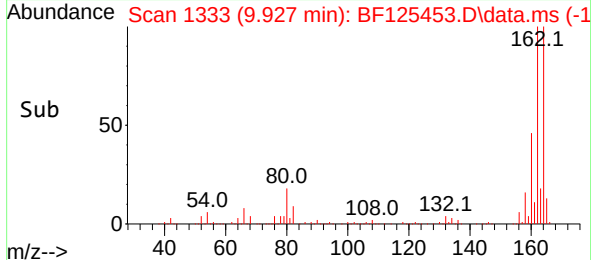
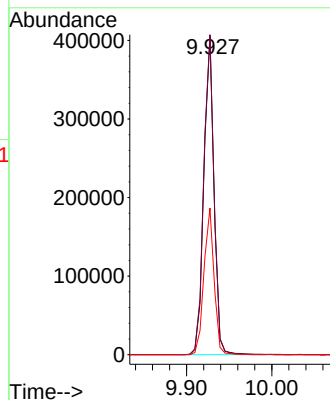
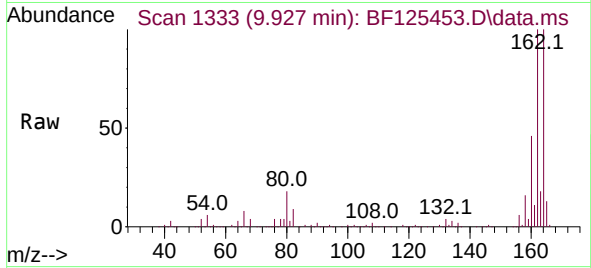




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

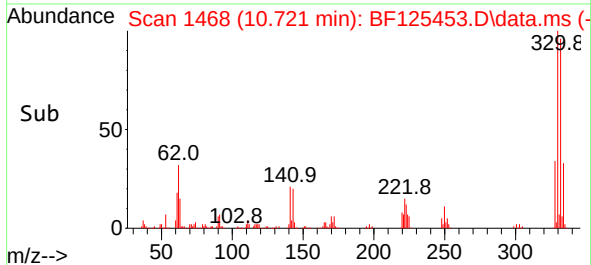
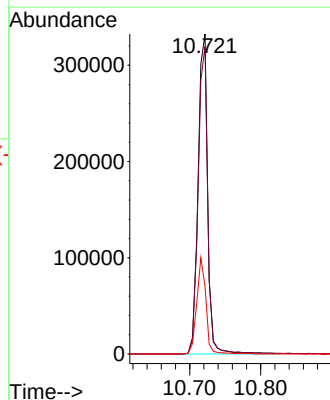
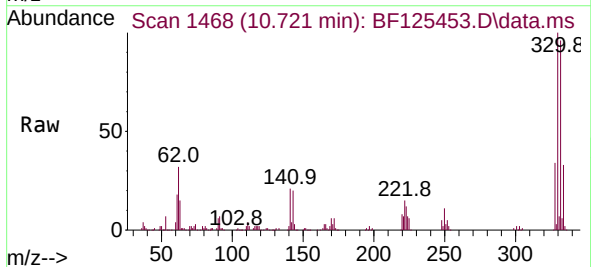
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ClientSampleId :
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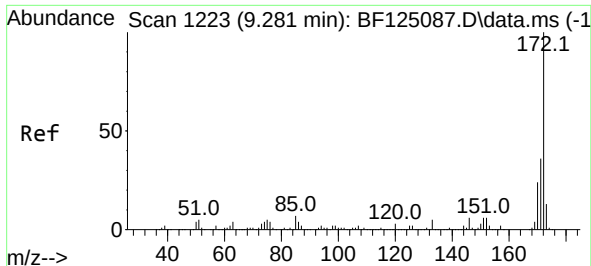
Tgt Ion:164	Resp: 334843		
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.3	121.9
160	46.0	38.0	57.0



#42
2,4,6-Tribromophenol
Concen: 93.834 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

Tgt Ion:330	Resp: 313637		
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.2	114.4
141	28.5	44.6	66.8#

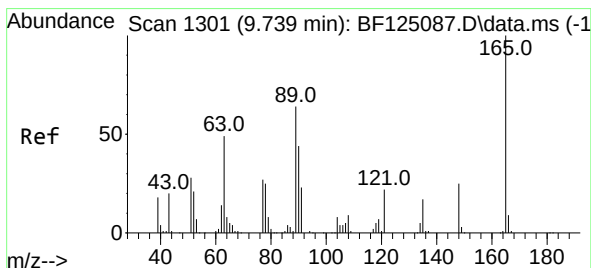
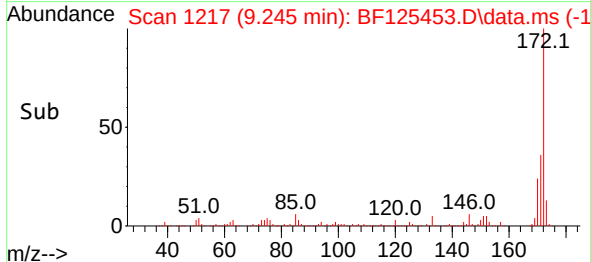
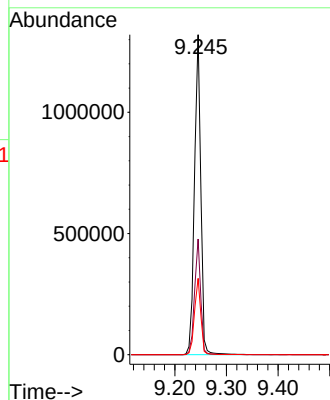
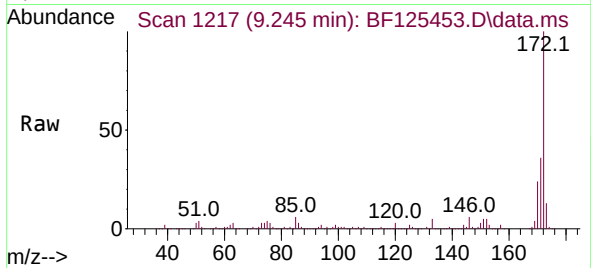




#45
2-Fluorobiphenyl
Concen: 46.864 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

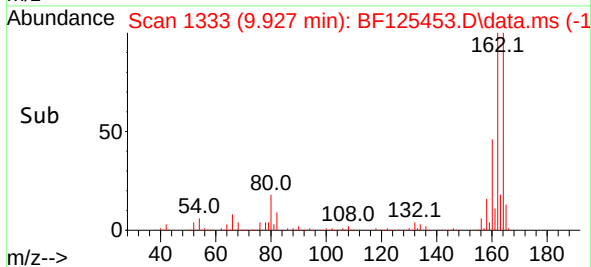
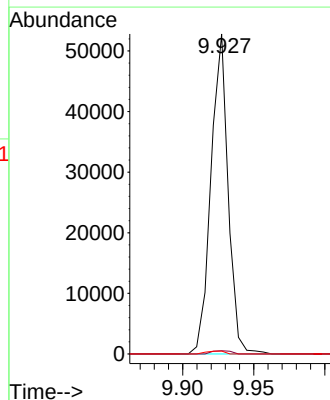
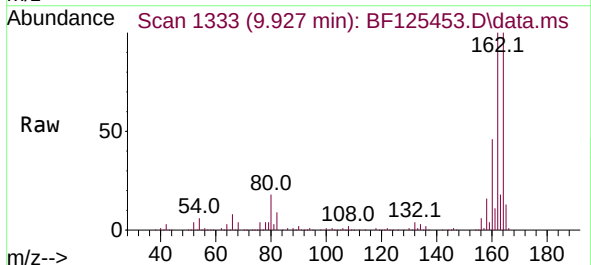
Instrument :
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A001015

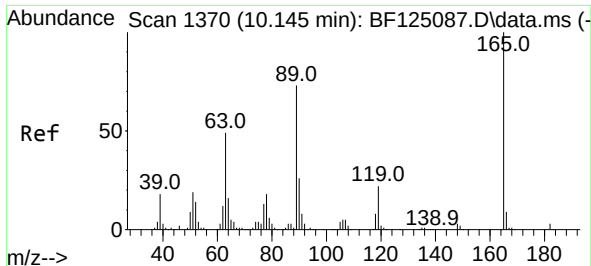
Tgt Ion:172 Resp: 1125904
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 23.8 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.840 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

Tgt Ion:165 Resp: 44481
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.9 40.6 60.8#

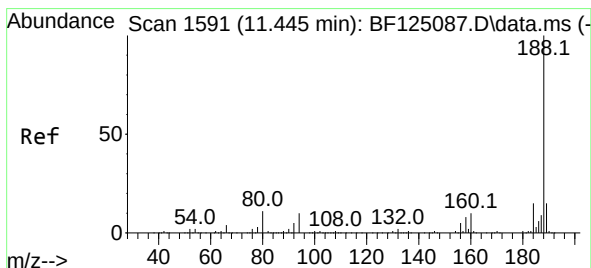
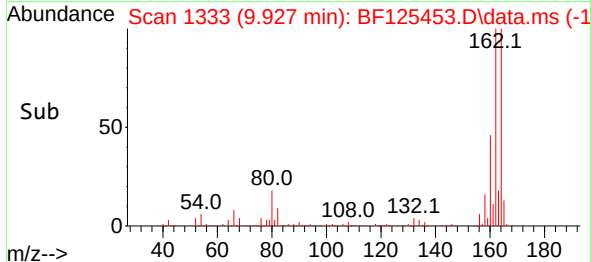
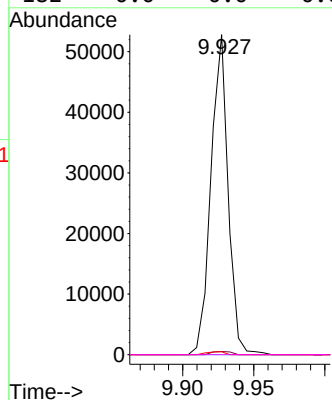
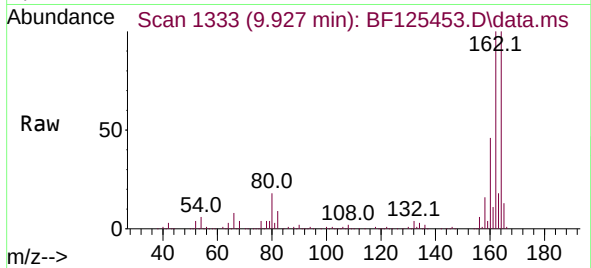




#57
2,4-Dinitrotoluene
Concen: 7.304 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

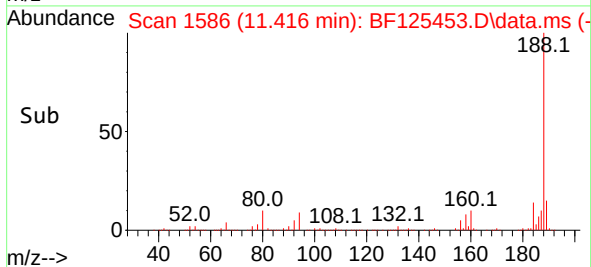
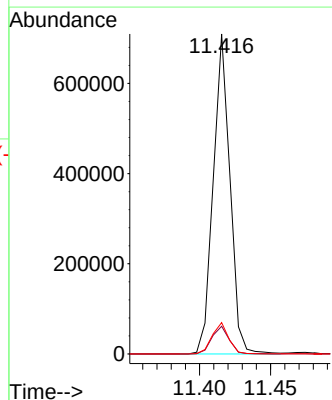
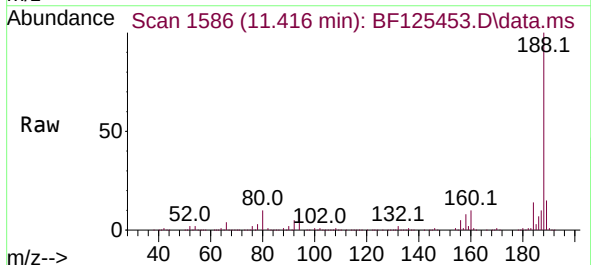
Instrument :
BNA_F
ClientSampleId :
A001015

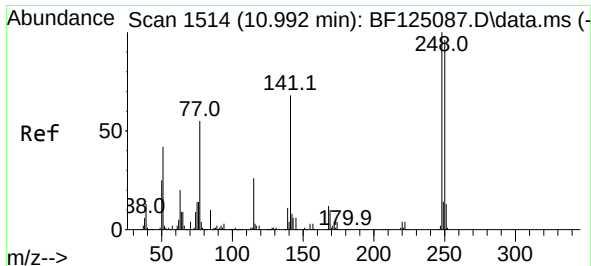
Tgt Ion:165	Resp:	44481
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

Tgt Ion:188	Resp:	582665
Ion Ratio	Lower	Upper
188	100	
94	8.7	6.7 10.1
80	9.8	7.5 11.3

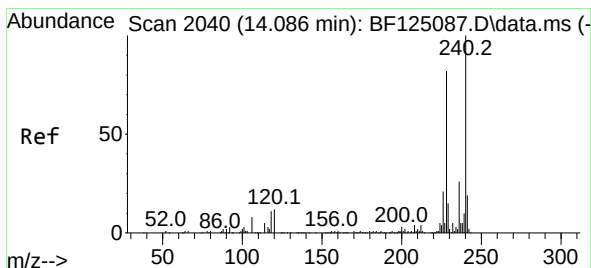
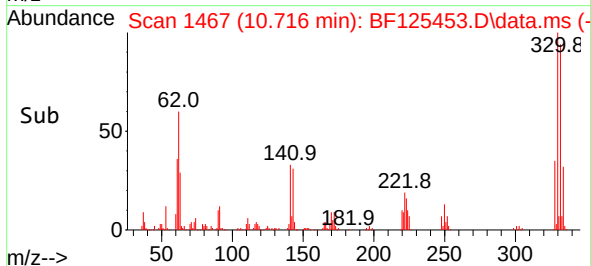
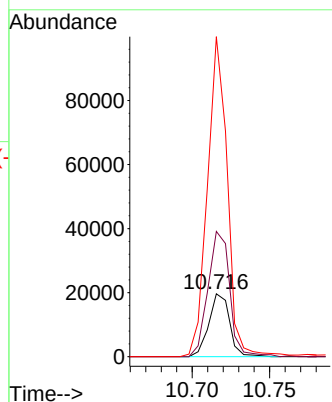
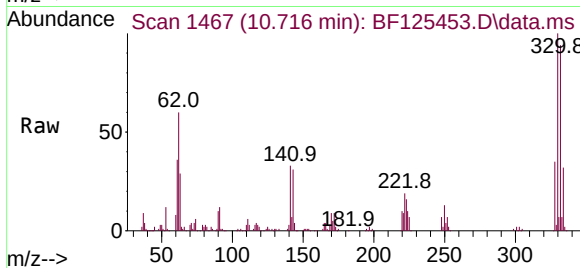




#67
4-Bromophenyl-phenylether
Concen: 2.620 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

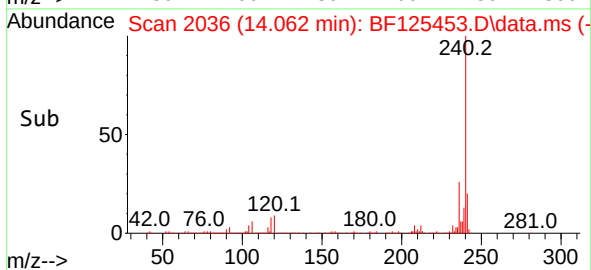
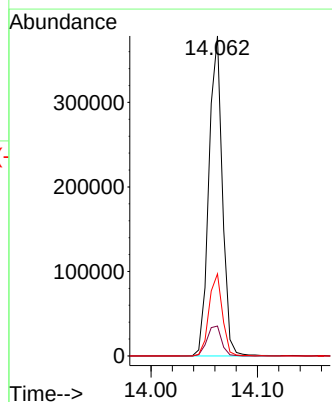
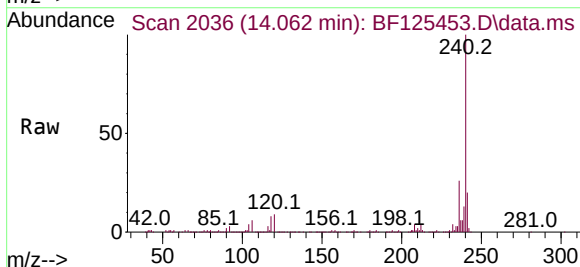
Instrument :
BNA_F
ClientSampled :
A001015

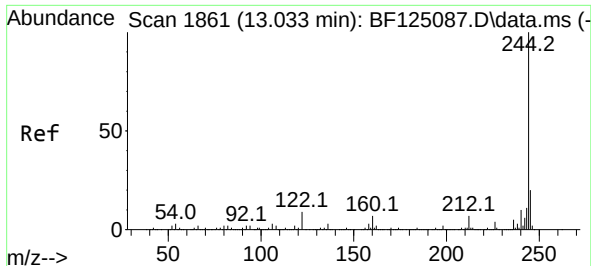
Tgt Ion:248 Resp: 18332
Ion Ratio Lower Upper
248 100
250 199.3 74.2 111.4#
141 509.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

Tgt Ion:240 Resp: 333499
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 25.6 21.6 32.4

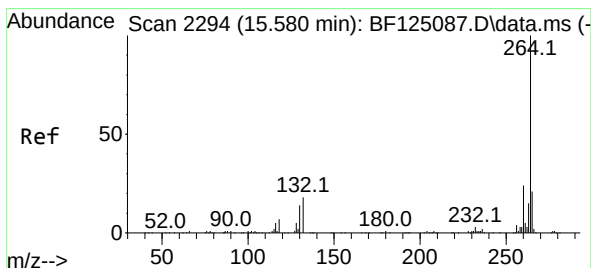
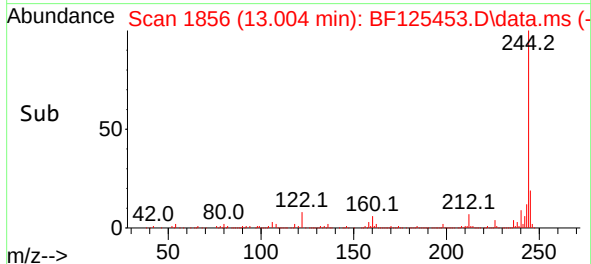
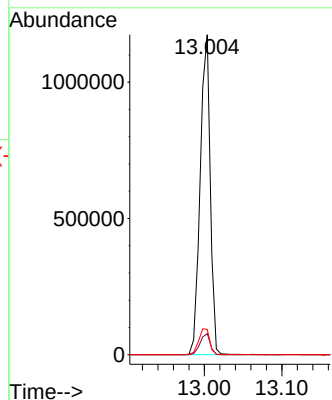
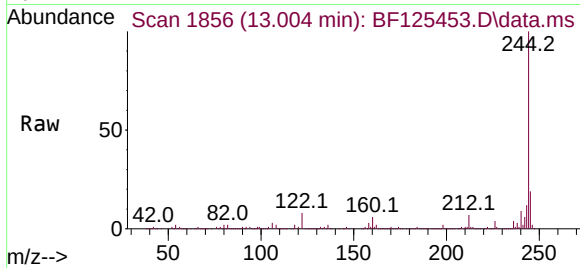




#79
Terphenyl-d14
Concen: 50.521 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

Instrument :
BNA_F
ClientSampleId :
A001015

Tgt Ion:244 Resp: 1057609
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 7.9 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BF125453.D
Acq: 13 Sep 2021 20:15

Tgt Ion:264 Resp: 334443
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 22.3 17.2 25.8

