

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125427.D
 Acq On : 10 Sep 2021 16:52
 Operator : JU/CG
 Sample : M3689-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 258

Quant Time: Sep 10 18:49:38 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)

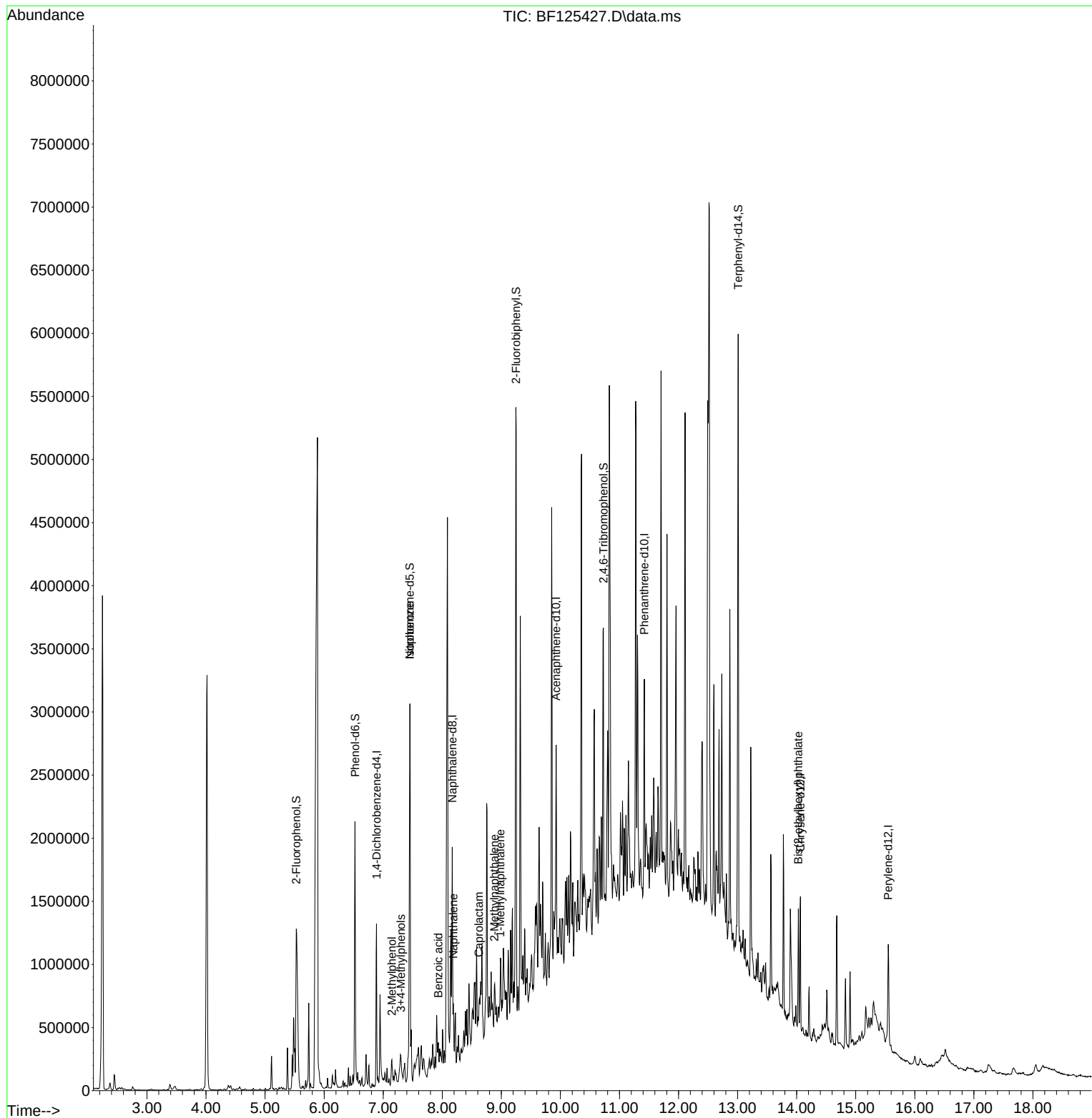
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	174455	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	661231	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	344947	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	594079	20.000	ng	0.00
76) Chrysene-d12	14.063	240	387529	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	321973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	713725	61.924	ng	0.02
7) Phenol-d6	6.522	99	647939	43.467	ng	0.00
23) Nitrobenzene-d5	7.451	82	1065783	81.145	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	384681	111.718	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1850152	74.754	ng	0.00
79) Terphenyl-d14	13.010	244	1939728	79.740	ng	0.00
Target Compounds						
						Qvalue
17) 2-Methylphenol	7.145	107	33504	3.392	ng	96
20) 3+4-Methylphenols	7.298	107	35004	2.823	ng	88
25) Isophorone	7.451	82	1062225	41.923	ng	# 59
31) Naphthalene	8.187	128	98925	2.921	ng	97
32) Benzoic acid	7.934	122	22830	3.362	ng	# 31
35) Caprolactam	8.622	113	8393	3.176	ng	# 1
37) 2-Methylnaphthalene	8.881	142	58804	2.628	ng	98
38) 1-Methylnaphthalene	8.981	142	43875	2.100	ng	91
84) Bis(2-ethylhexyl)phtha...	14.027	149	235113	13.096	ng	99

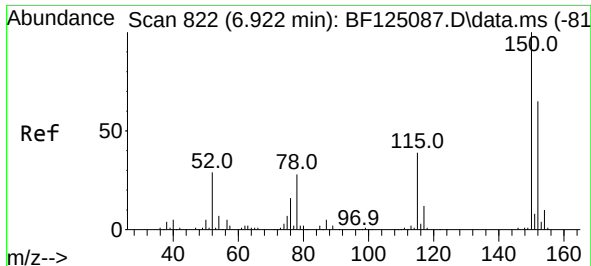
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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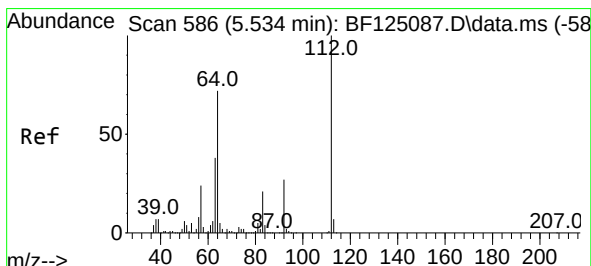
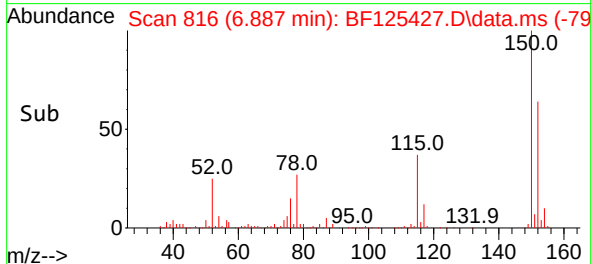
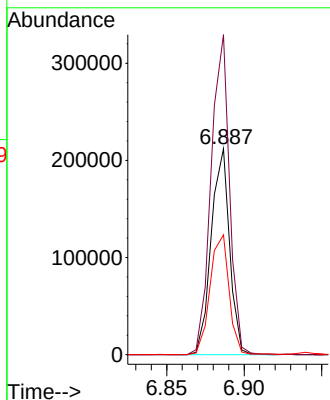
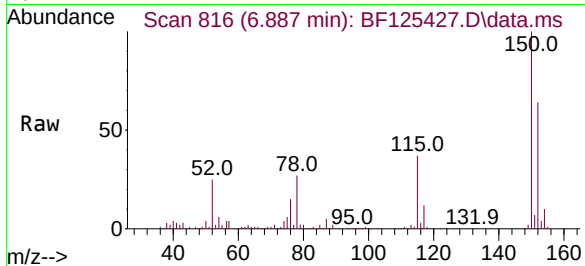




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

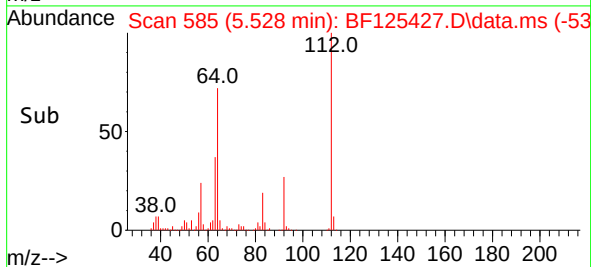
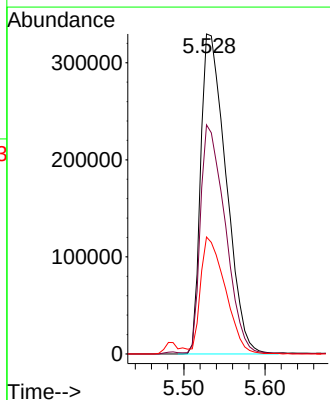
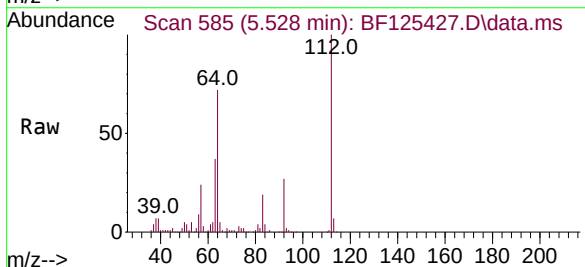
Instrument :
BNA_F
ClientSampleId :
258

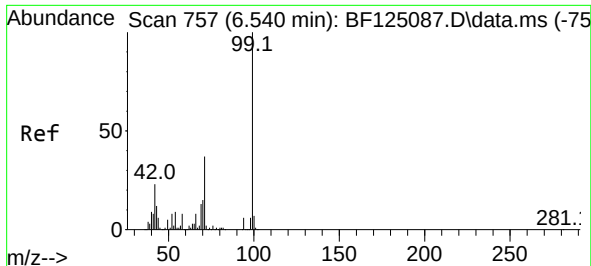
Tgt Ion:152 Resp: 174455
Ion Ratio Lower Upper
152 100
150 155.4 117.6 176.4
115 58.2 47.1 70.7



#5
2-Fluorophenol
Concen: 61.924 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

Tgt Ion:112 Resp: 713725
Ion Ratio Lower Upper
112 100
64 71.6 44.2 66.2#
63 36.6 26.2 39.2

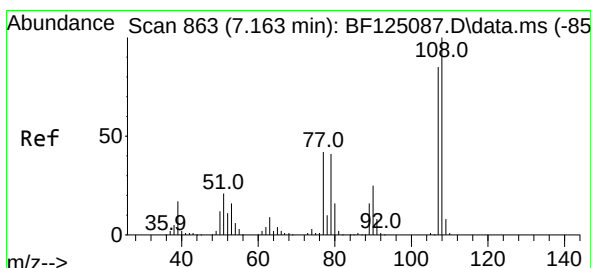
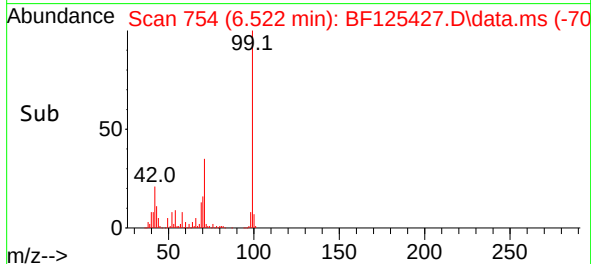
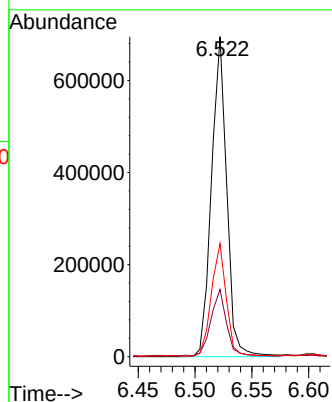
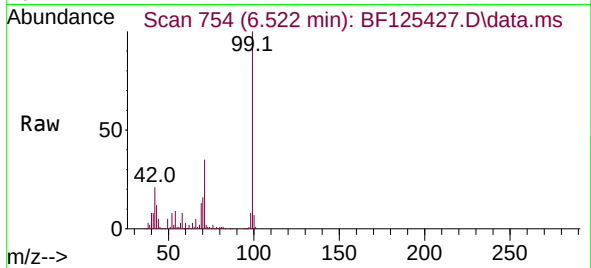




#7
Phenol-d6
Concen: 43.467 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

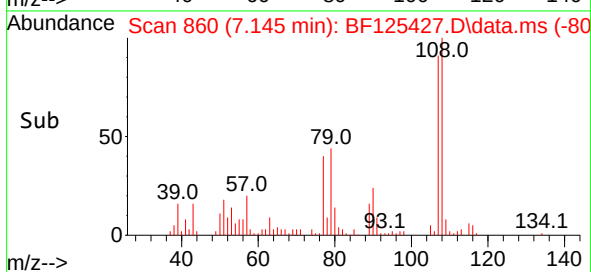
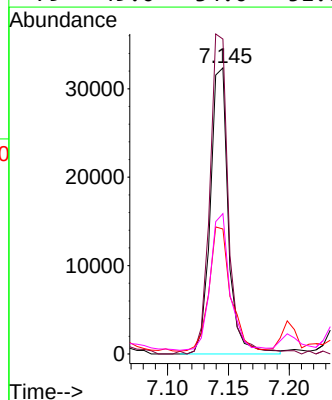
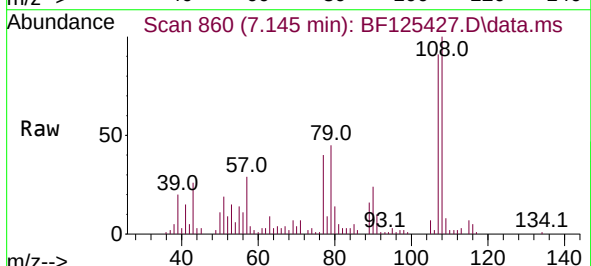
Instrument :
BNA_F
ClientSampleId :
258

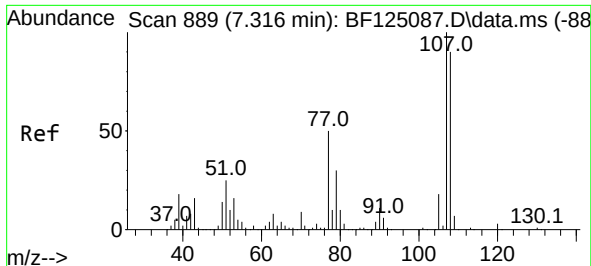
Tgt Ion: 99 Resp: 647939
Ion Ratio Lower Upper
99 100
42 21.0 23.5 35.3#
71 35.4 25.6 38.4



#17
2-Methylphenol
Concen: 3.392 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

Tgt Ion: 107 Resp: 33504
Ion Ratio Lower Upper
107 100
108 110.1 90.6 135.8
77 43.7 35.7 53.5
79 49.0 34.0 51.0

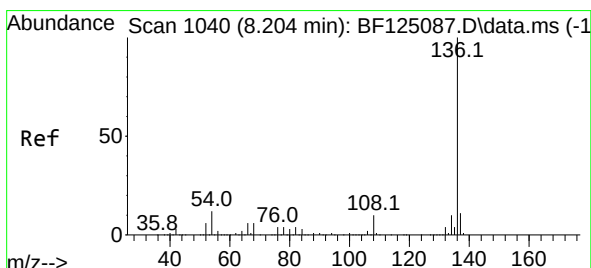
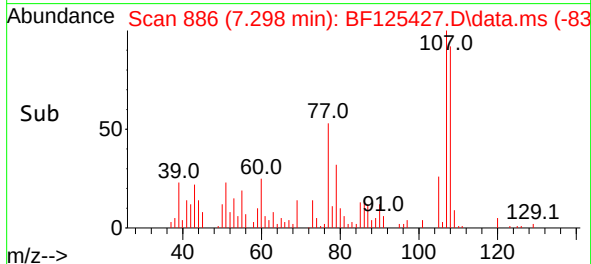
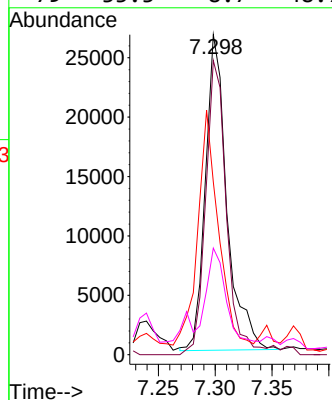
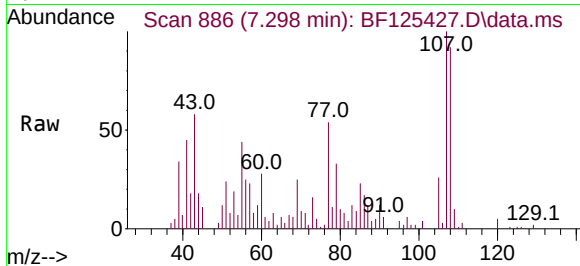




#20
3+4-Methylphenols
Concen: 2.823 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

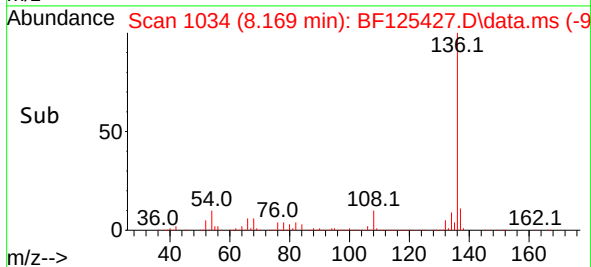
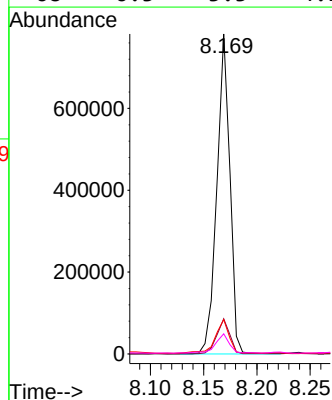
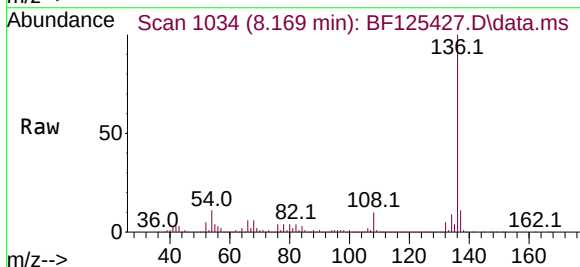
Instrument :
BNA_F
ClientSampleId :
258

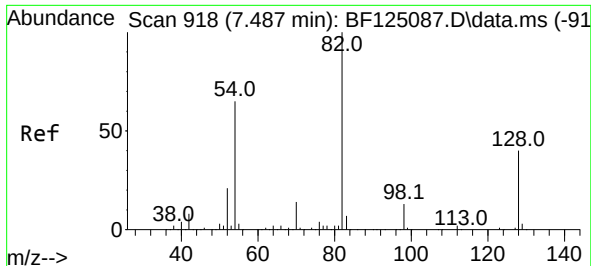
Tgt Ion:107	Resp:	35004
Ion	Ratio	Lower Upper
107	100	
108	91.9	76.6 116.6
77	53.9	53.3 93.3
79	33.3	8.7 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

Tgt Ion:136	Resp:	661231
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.8 14.6
54	10.8	6.4 9.6#
68	6.3	3.3 4.9#





#23

Nitrobenzene-d5

Concen: 81.145 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

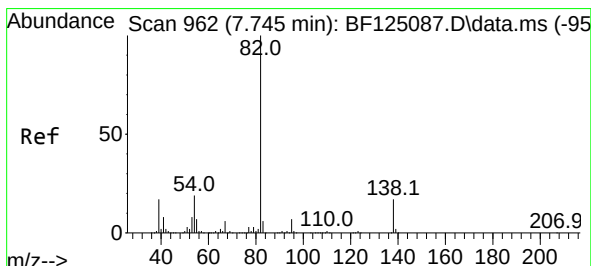
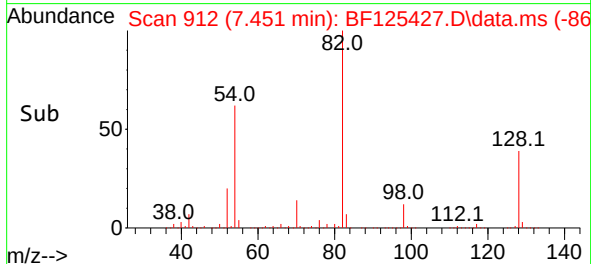
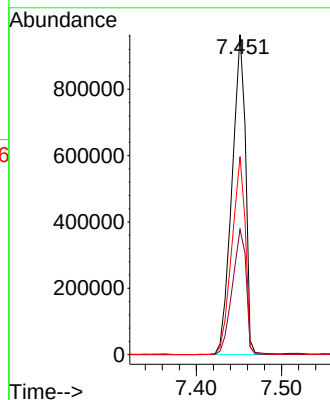
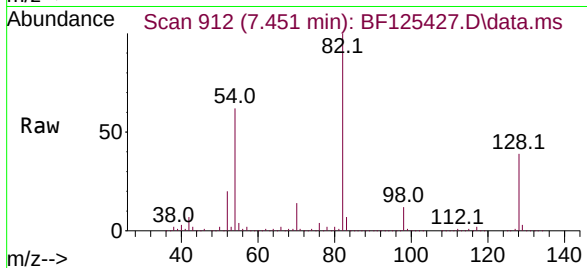
Lab File: BF125427.D

Acq: 10 Sep 2021 16:52

Tgt Ion: 82 Resp: 1065783

Ion	Ratio	Lower	Upper
82	100		
128	39.2	40.6	60.8#
54	61.8	49.6	74.4

Instrument :
BNA_F
ClientSampleId :
258



#25

Isophorone

Concen: 41.923 ng

RT: 7.451 min Scan# 912

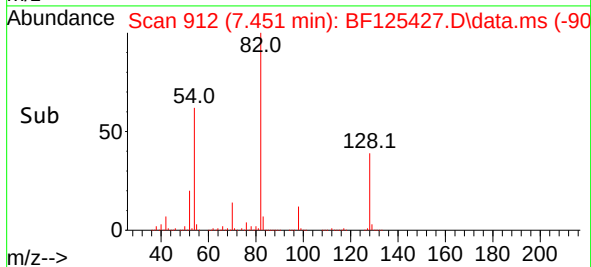
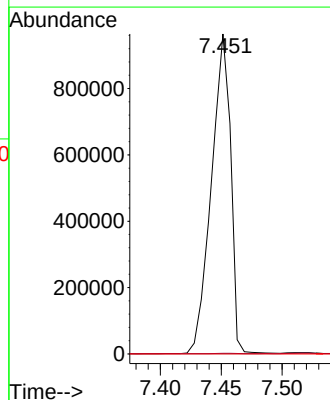
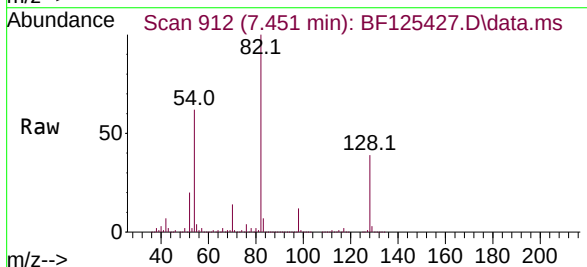
Delta R.T. -0.259 min

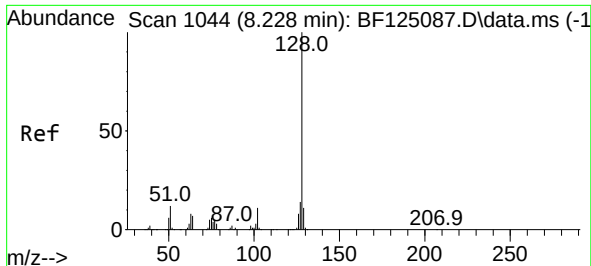
Lab File: BF125427.D

Acq: 10 Sep 2021 16:52

Tgt Ion: 82 Resp: 1062225

Ion	Ratio	Lower	Upper
82	100		
95	0.2	6.5	9.7#
138	0.0	18.4	27.6#

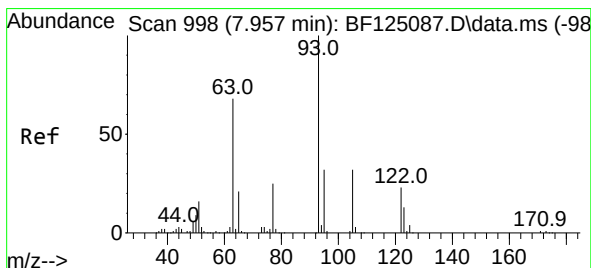
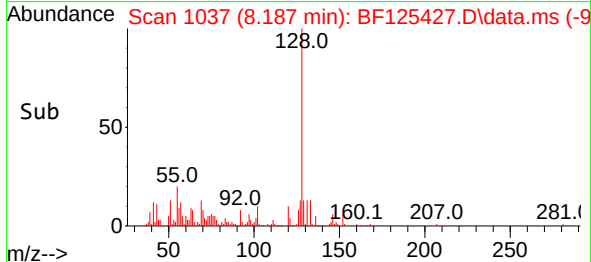
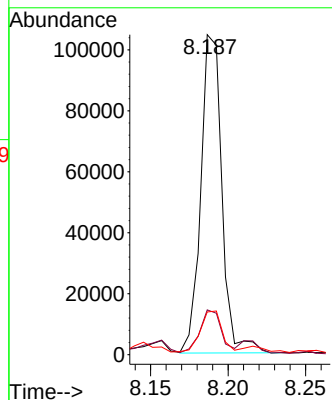
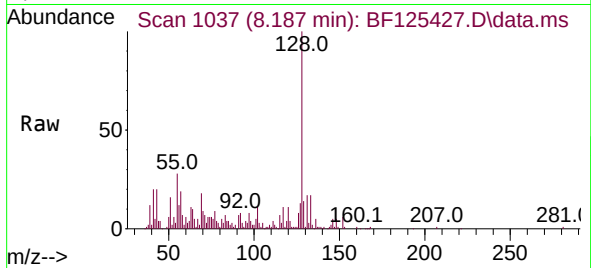




#31
Naphthalene
Concen: 2.921 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

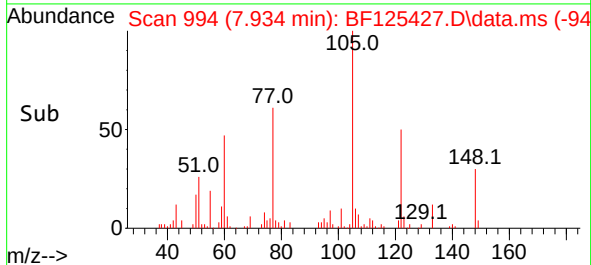
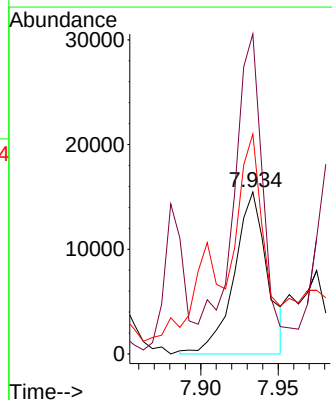
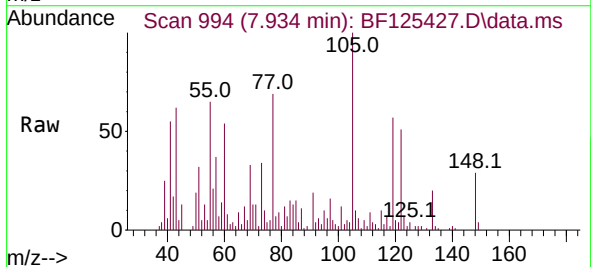
Instrument :
BNA_F
ClientSampleId :
258

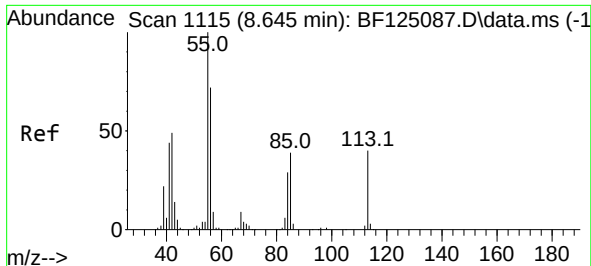
Tgt Ion:128 Resp: 98925
Ion Ratio Lower Upper
128 100
129 14.0 9.4 14.0
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 3.362 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.017 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

Tgt Ion:122 Resp: 22830
Ion Ratio Lower Upper
122 100
105 197.6 97.6 137.6#
77 135.8 59.6 99.6#

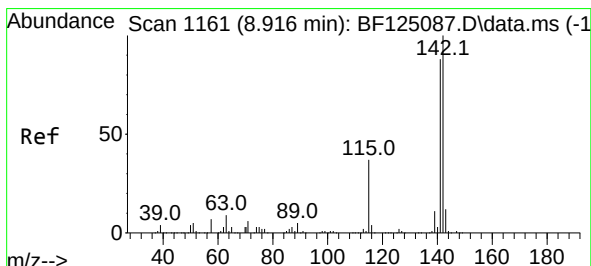
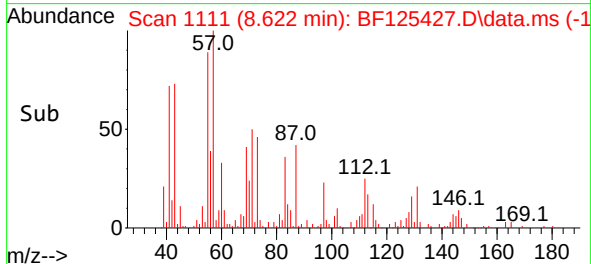
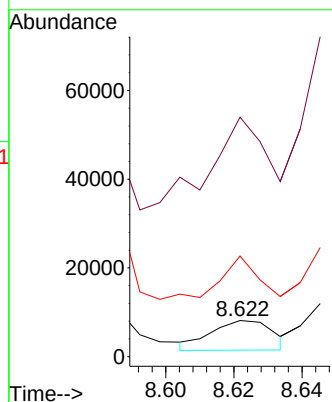
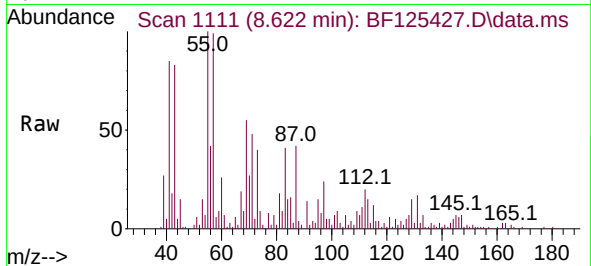




#35
Caprolactam
Concen: 3.176 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

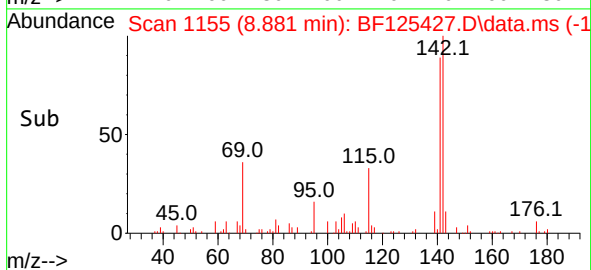
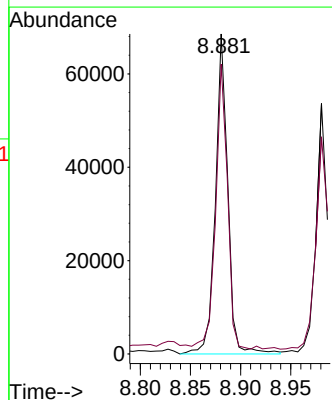
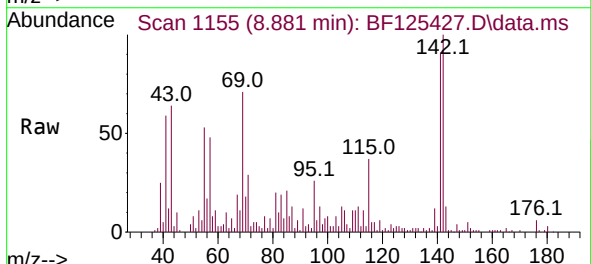
Instrument :
BNA_F
ClientSampleId :
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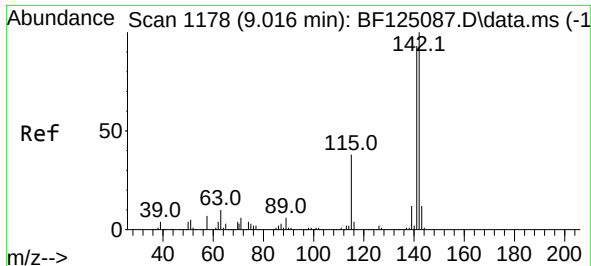
Tgt Ion:113 Resp: 8393
Ion Ratio Lower Upper
113 100
55 662.1 154.1 194.1#
56 278.2 108.7 148.7#



#37
2-Methylnaphthalene
Concen: 2.628 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

Tgt Ion:142 Resp: 58804
Ion Ratio Lower Upper
142 100
141 90.6 71.2 106.8





#38

1-Methylnaphthalene

Concen: 2.100 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF125427.D

Acq: 10 Sep 2021 16:52

Tgt Ion:142 Resp: 43875

Ion Ratio Lower Upper

142 100

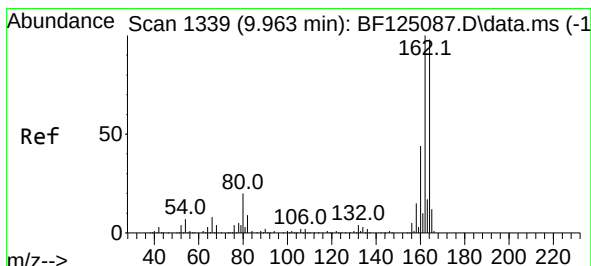
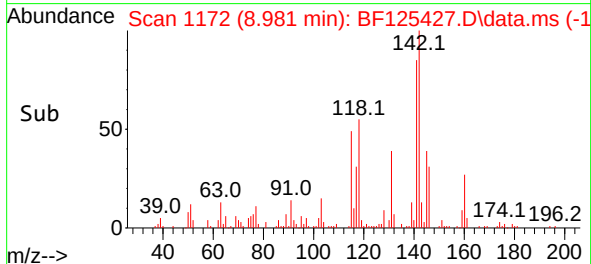
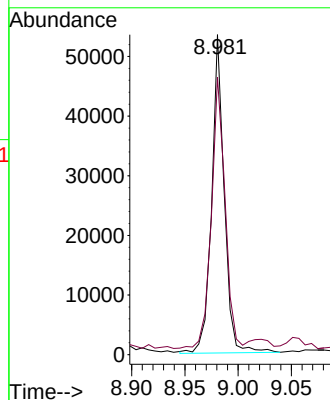
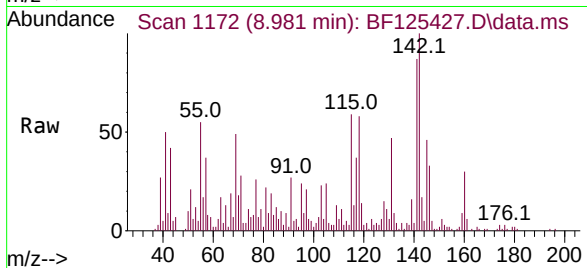
141 86.7 76.0 114.0

Instrument :

BNA_F

ClientSampleId :

258



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF125427.D

Acq: 10 Sep 2021 16:52

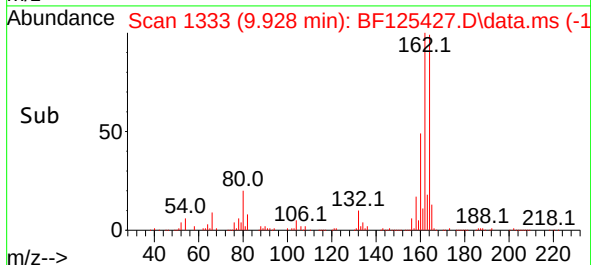
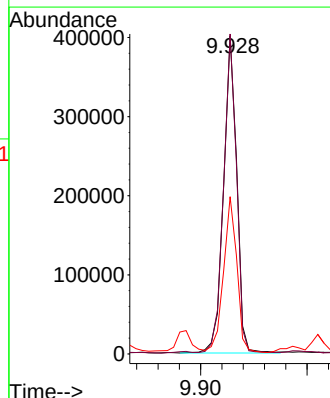
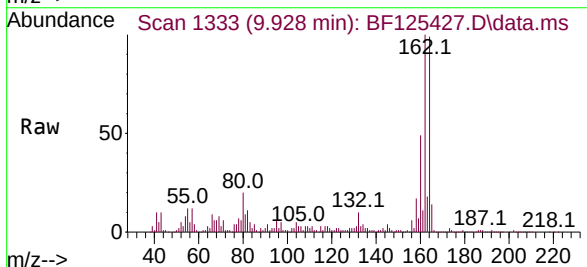
Tgt Ion:164 Resp: 344947

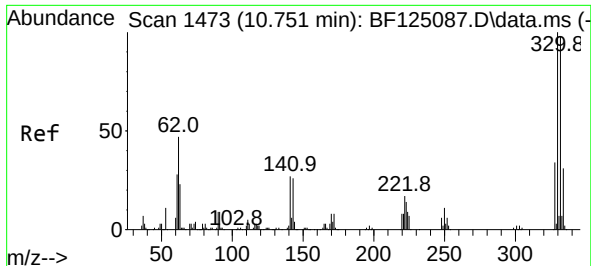
Ion Ratio Lower Upper

164 100

162 100.6 81.3 121.9

160 49.5 38.0 57.0

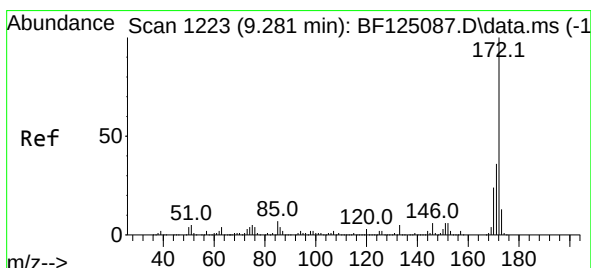
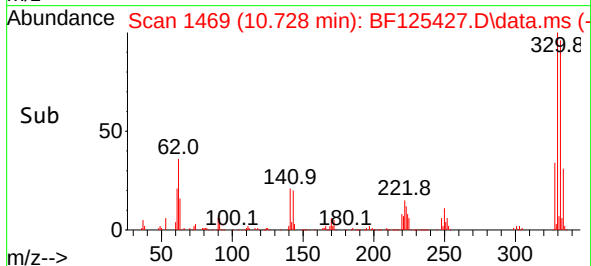
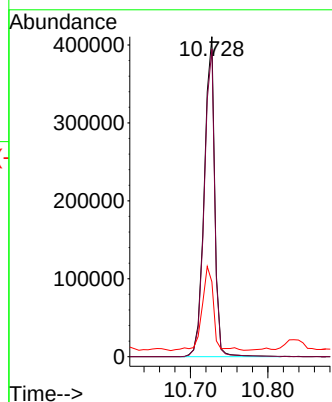
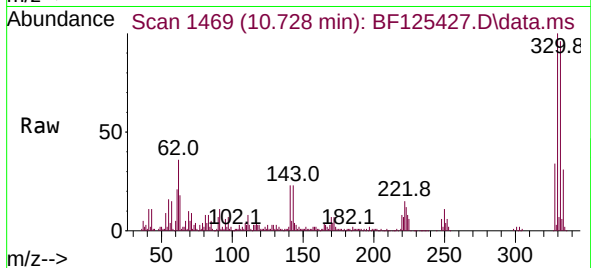




#42
2,4,6-Tribromophenol
Concen: 111.718 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

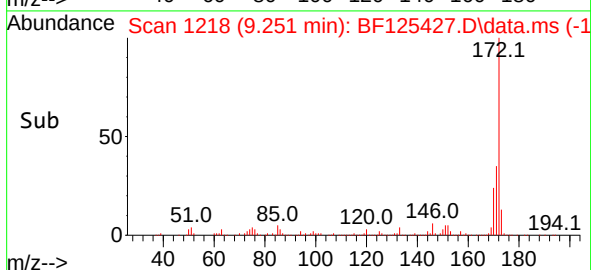
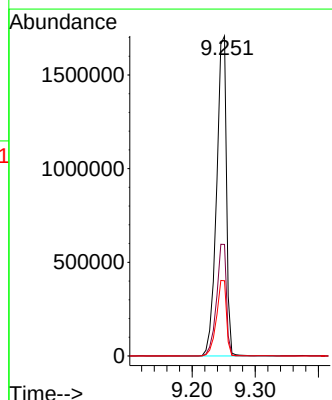
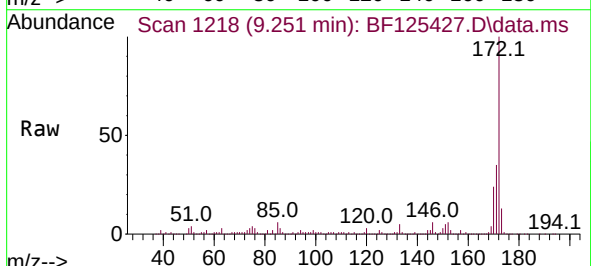
Instrument :
BNA_F
ClientSampleId :
258

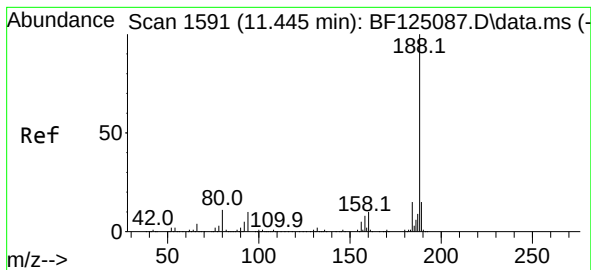
Tgt Ion:330 Resp: 384681
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 28.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 74.754 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

Tgt Ion:172 Resp: 1850152
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.5 18.8 28.2

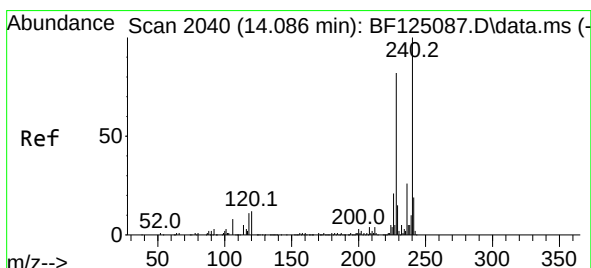
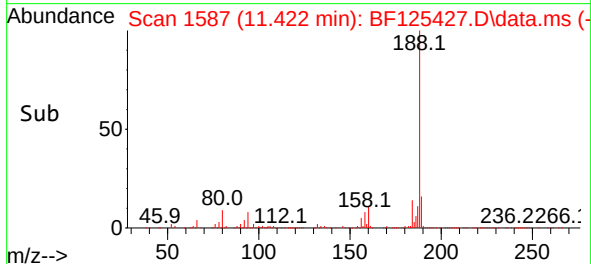
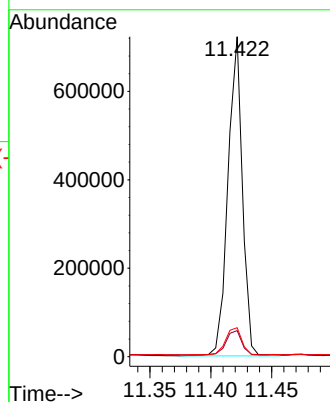
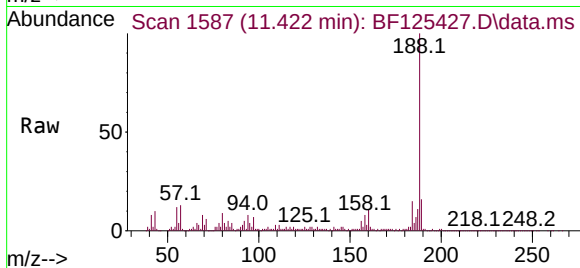




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

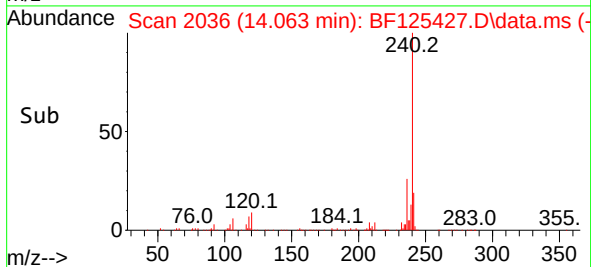
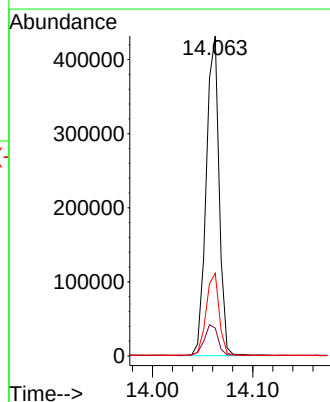
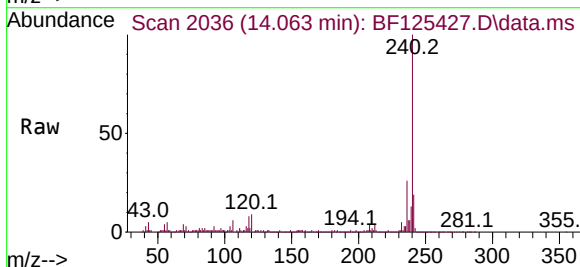
Instrument :
BNA_F
ClientSampleId :
258

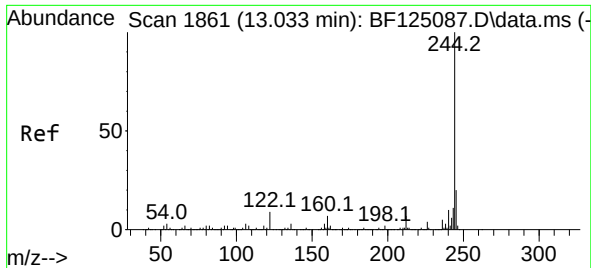
Tgt Ion:188 Resp: 594079
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

Tgt Ion:240 Resp: 387529
Ion Ratio Lower Upper
240 100
120 8.7 10.8 16.2#
236 25.9 21.6 32.4

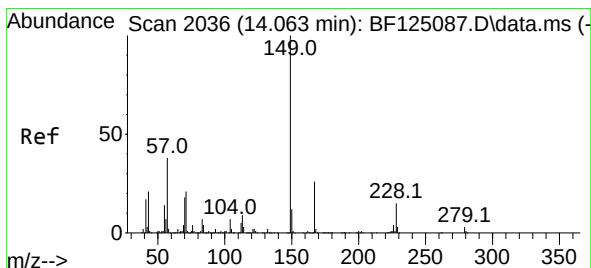
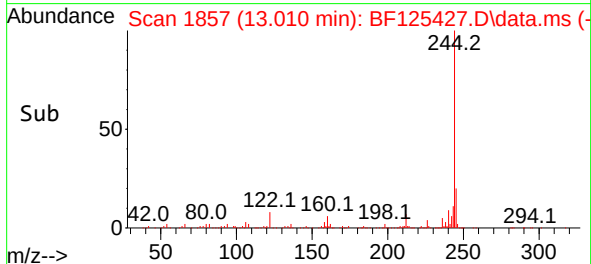
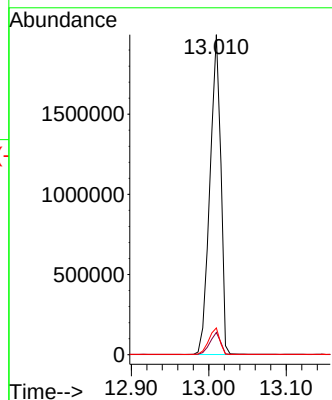
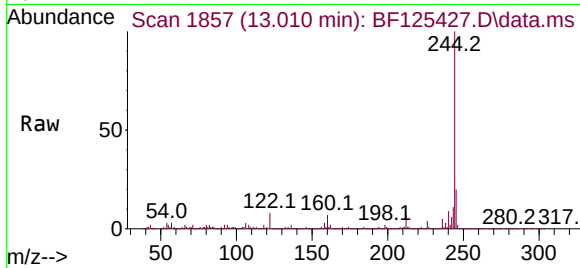




#79
 Terphenyl-d14
 Concen: 79.740 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: BF125427.D
 Acq: 10 Sep 2021 16:52

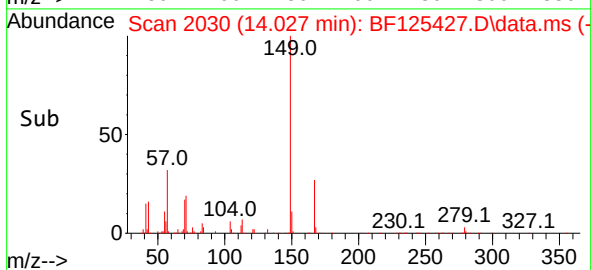
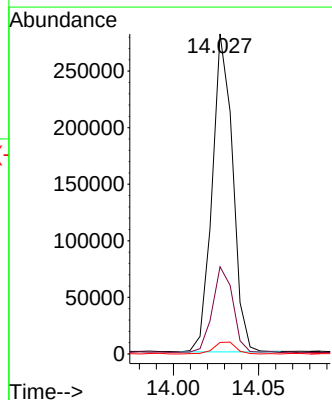
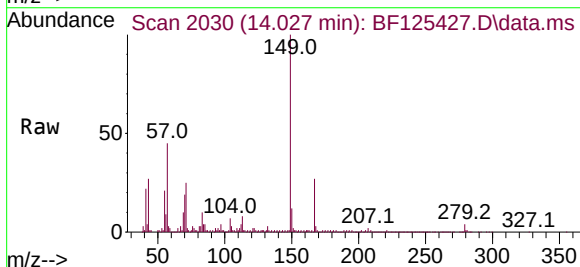
Instrument :
 BNA_F
 ClientSampleId :
 258

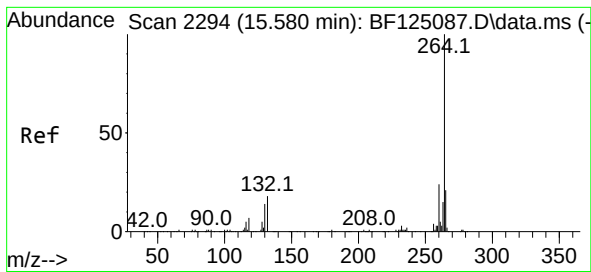
Tgt Ion:244 Resp: 1939728
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 8.4 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 13.096 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. 0.000 min
 Lab File: BF125427.D
 Acq: 10 Sep 2021 16:52

Tgt Ion:149 Resp: 235113
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.4 32.0
 279 3.6 2.6 4.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF125427.D
Acq: 10 Sep 2021 16:52

Instrument :
BNA_F
ClientSampleId :
258

Tgt Ion:264	Resp:	321973
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.6 29.4
265	20.5	17.2 25.8

