

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125511.D
 Acq On : 15 Sep 2021 18:55
 Operator : JU/CG
 Sample : M3724-10RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTE-COMP

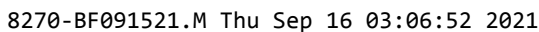
Quant Time: Sep 16 03:06:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 15 15:08:32 2021
 Response via : Initial Calibration

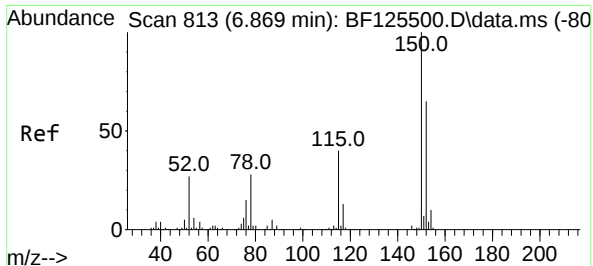
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	314655	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	1228148	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	663632	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	1217321	20.000	ng	0.00
76) Chrysene-d12	14.045	240	912140	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	735203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	992700	50.128	ng	0.02
7) Phenol-d6	6.522	99	1191355	45.264	ng	0.01
23) Nitrobenzene-d5	7.439	82	958362	38.528	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	278698	34.481	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1649253	36.467	ng	0.00
79) Terphenyl-d14	12.986	244	1611092	28.641	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	2185	Below Cal	#	77
10) Phenol	6.534	94	448178	15.027	ng	94
17) 2-Methylphenol	7.286	107	627545	35.752	ng	# 75
20) 3+4-Methylphenols	7.286	107	627545	33.757	ng	# 75
24) Nitrobenzene	7.286	77	212405	8.075	ng	# 39
25) Isophorone	7.439	82	954271	20.107	ng	# 59
36) 4-Chloro-3-methylphenol	8.516	107	1613486	77.621	ng	# 17
50) Dimethylphthalate	9.622	163	136976	2.895	ng	# 97
51) 2,6-Dinitrotoluene	9.910	165	85933	8.082	ng	# 29
56) 4-Nitrophenol	10.051	139	44791	5.635	ng	# 32
57) 2,4-Dinitrotoluene	9.910	165	85933	6.280	ng	# 20

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

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QLast Update : Wed Sep 15 15:08:32 2021
Response via : Initial Calibration

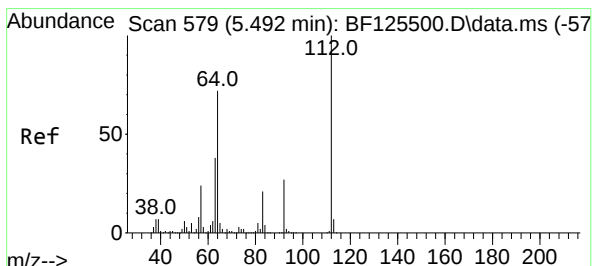
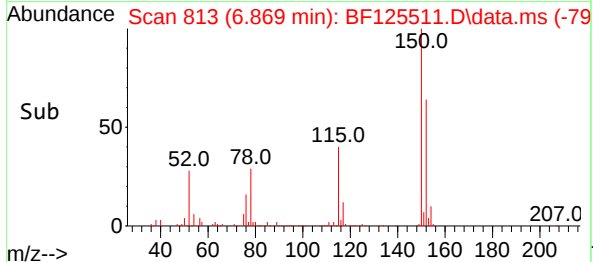
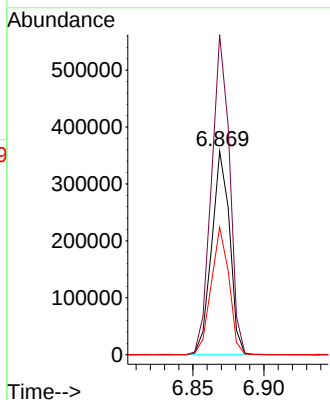
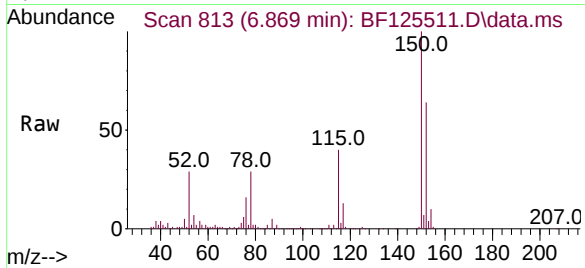




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

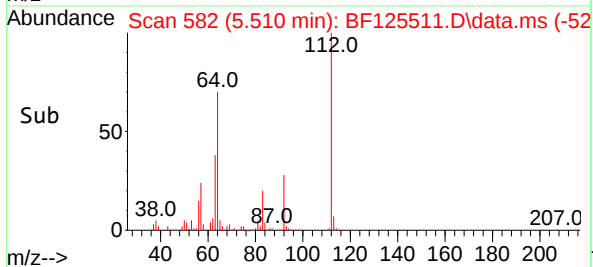
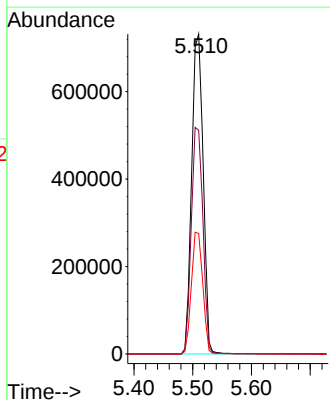
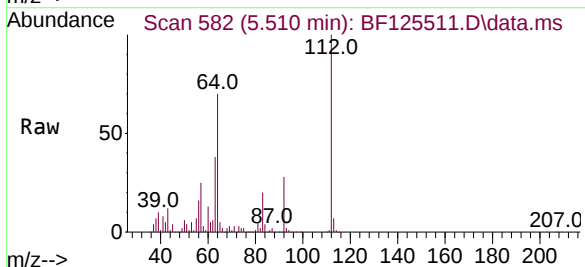
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

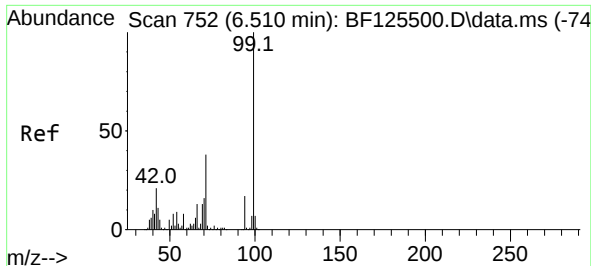
Tgt Ion:152 Resp: 314655
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 62.7 47.1 70.7



#5
2-Fluorophenol
Concen: 50.128 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

Tgt Ion:112 Resp: 992700
Ion Ratio Lower Upper
112 100
64 69.9 44.2 66.2#
63 37.6 26.2 39.2

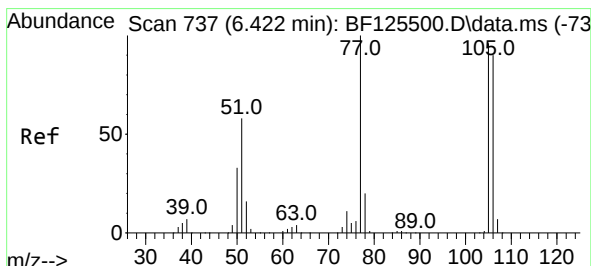
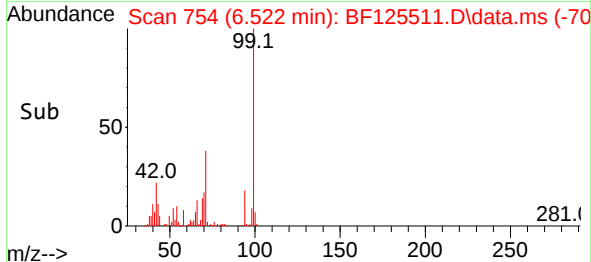
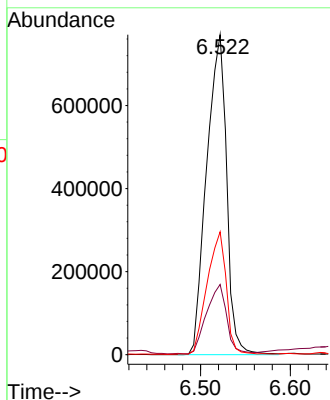
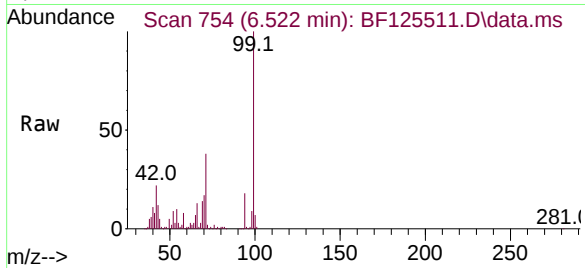




#7
Phenol-d6
Concen: 45.264 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

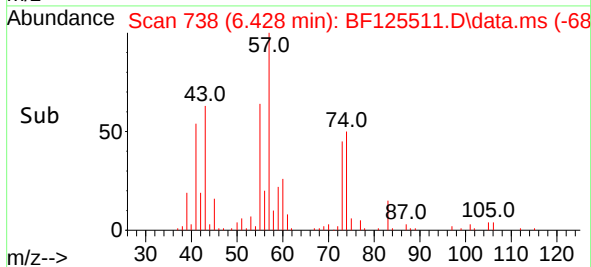
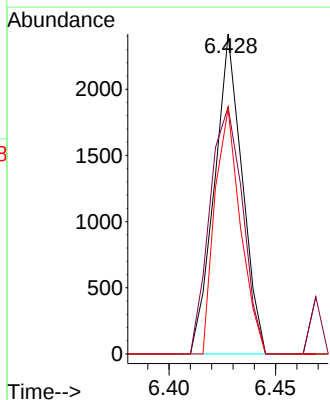
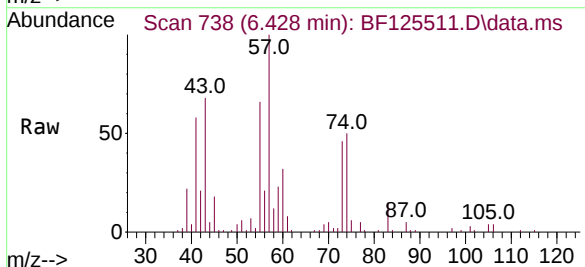
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

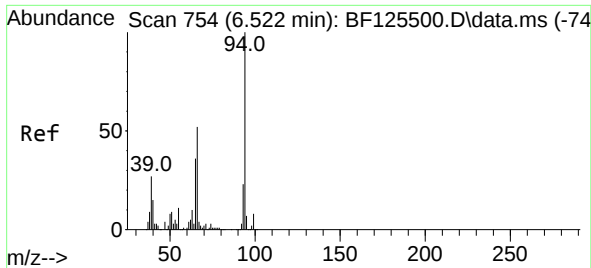
Tgt Ion: 99 Resp: 1191355
Ion Ratio Lower Upper
99 100
42 21.9 23.5 35.3#
71 38.4 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

Tgt Ion: 77 Resp: 2185
Ion Ratio Lower Upper
77 100
105 77.2 75.9 115.9
106 76.7 84.0 124.0#

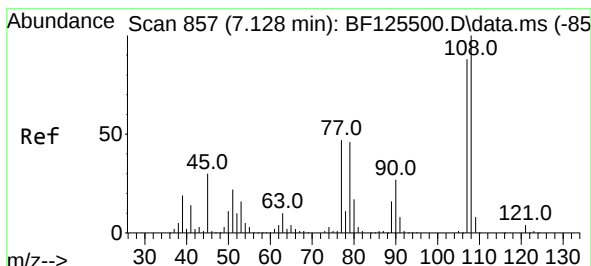
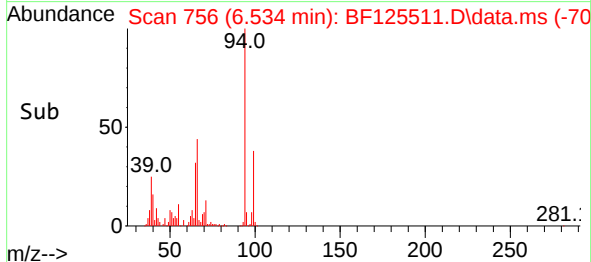
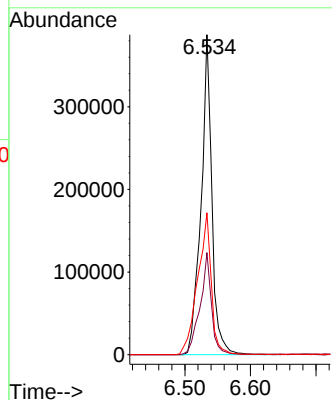
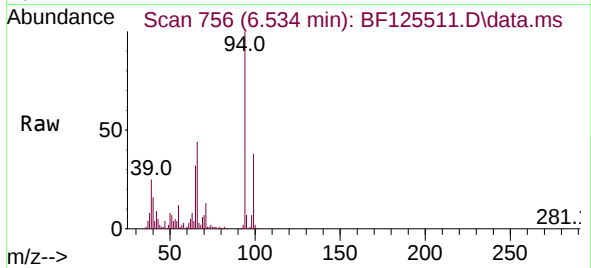




#10
Phenol
Concen: 15.027 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

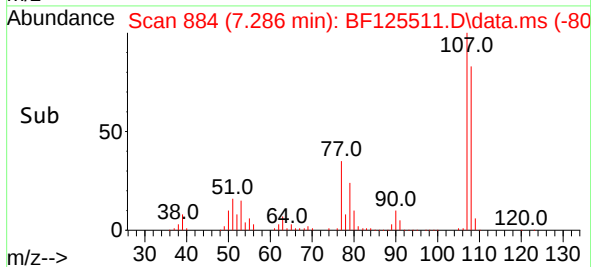
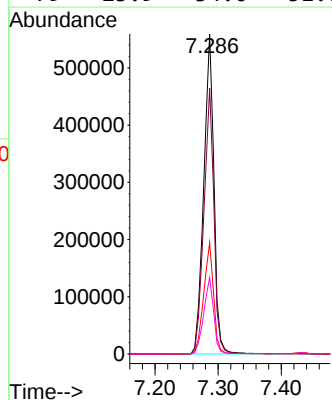
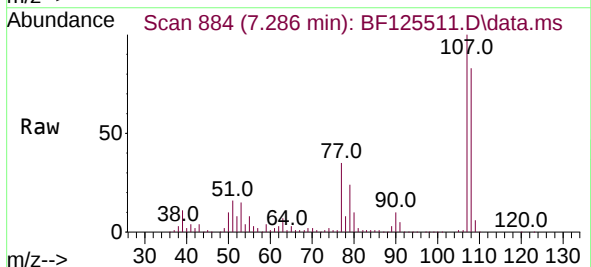
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

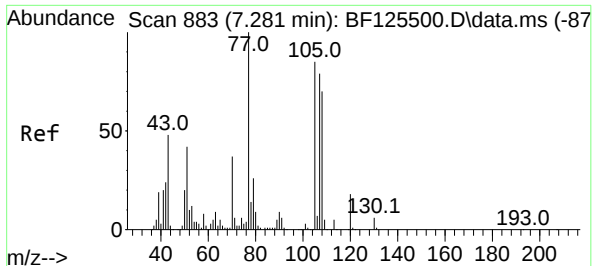
Tgt Ion: 94 Resp: 448178
Ion Ratio Lower Upper
94 100
65 31.9 9.3 49.3
66 44.4 20.3 60.3



#17
2-Methylphenol
Concen: 35.752 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.159 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

Tgt Ion: 107 Resp: 627545
Ion Ratio Lower Upper
107 100
108 83.0 90.6 135.8#
77 34.8 35.7 53.5#
79 23.9 34.0 51.0#





#20

3+4-Methylphenols

Concen: 33.757 ng

RT: 7.286 min Scan# 884

Delta R.T. 0.005 min

Lab File: BF125511.D

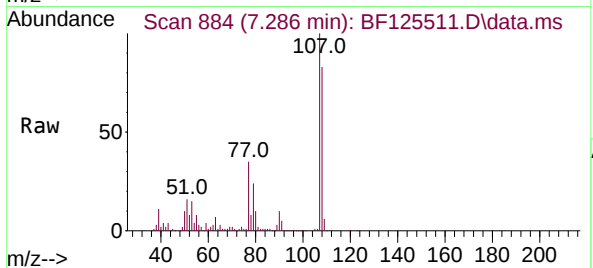
Acq: 15 Sep 2021 18:55

Instrument :

BNA_F

ClientSampleId :

TOTE-COMP



Tgt Ion:107 Resp: 627545

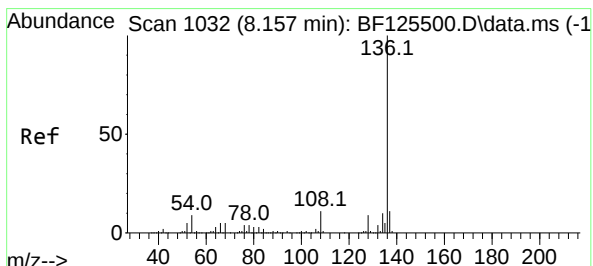
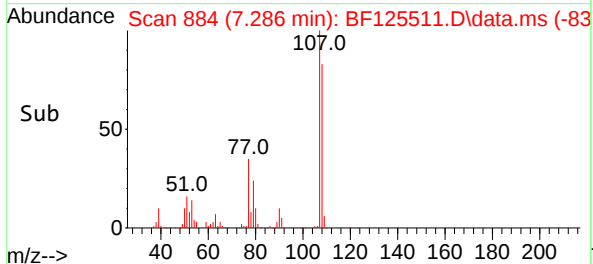
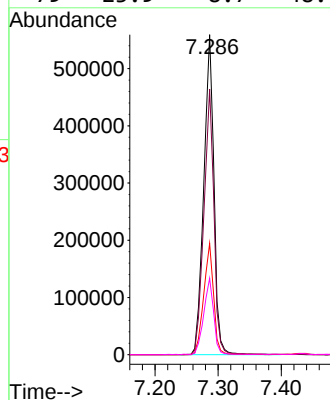
Ion Ratio Lower Upper

107 100

108 83.0 76.6 116.6

77 34.8 53.3 93.3#

79 23.9 8.7 48.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF125511.D

Acq: 15 Sep 2021 18:55

Tgt Ion:136 Resp: 1228148

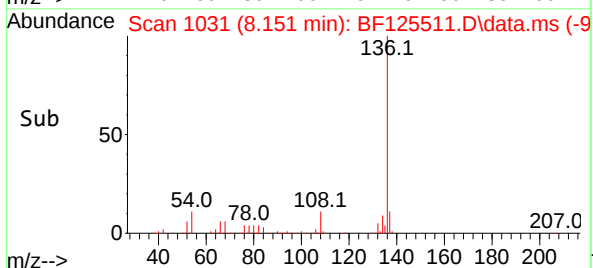
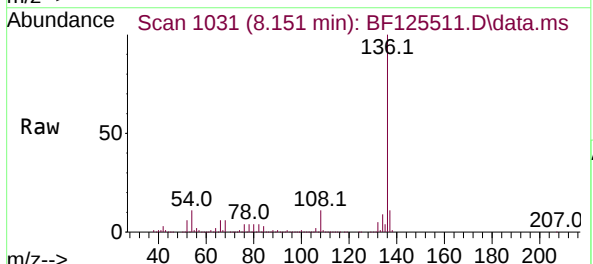
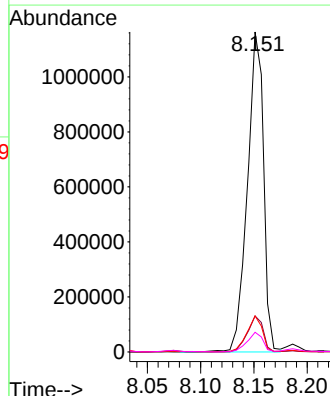
Ion Ratio Lower Upper

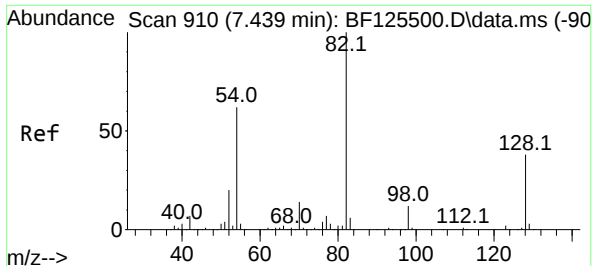
136 100

137 11.3 9.8 14.6

54 11.3 6.4 9.6#

68 6.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 38.528 ng

RT: 7.439 min Scan# 910

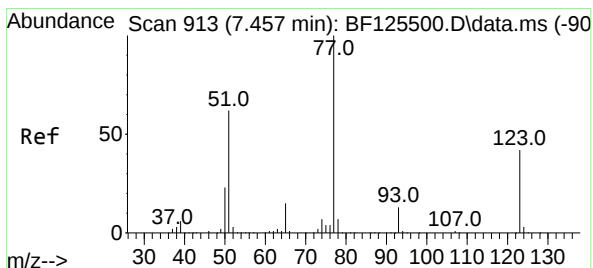
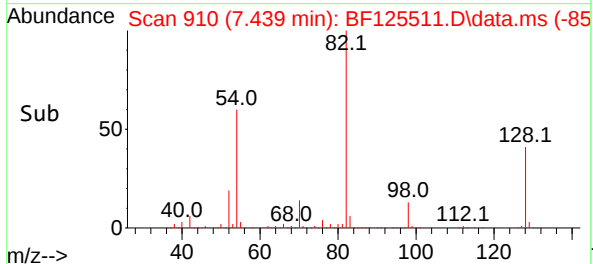
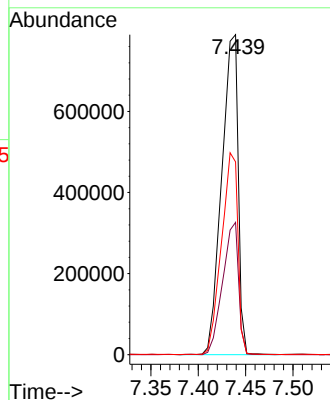
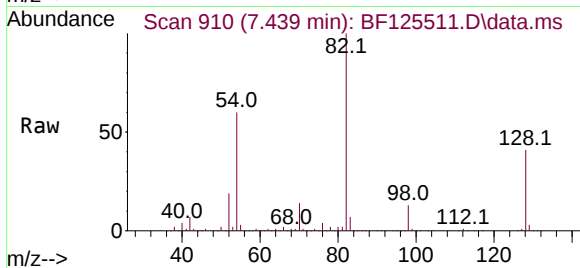
Delta R.T. 0.000 min

Lab File: BF125511.D

Acq: 15 Sep 2021 18:55

Tgt Ion: 82 Resp: 958362

Ion	Ratio	Lower	Upper
82	100		
128	41.3	40.6	60.8
54	60.2	49.6	74.4



#24

Nitrobenzene

Concen: 8.075 ng

RT: 7.286 min Scan# 884

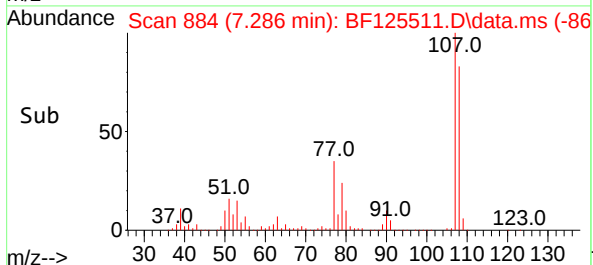
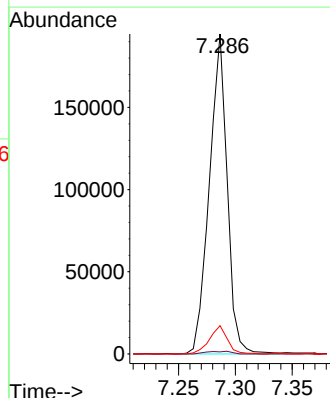
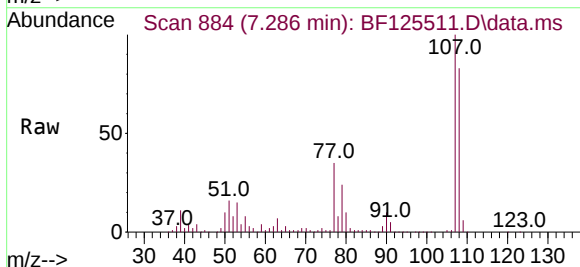
Delta R.T. -0.171 min

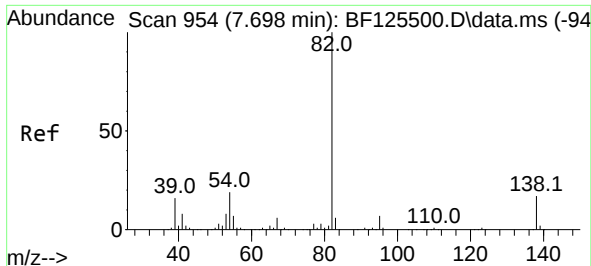
Lab File: BF125511.D

Acq: 15 Sep 2021 18:55

Tgt Ion: 77 Resp: 212405

Ion	Ratio	Lower	Upper
77	100		
123	0.6	42.3	63.5#
65	8.8	12.4	18.6#

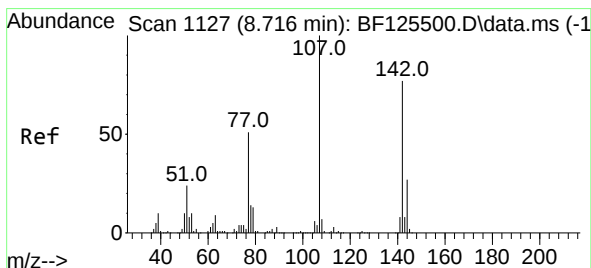
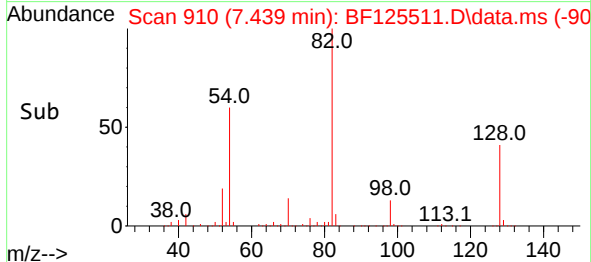
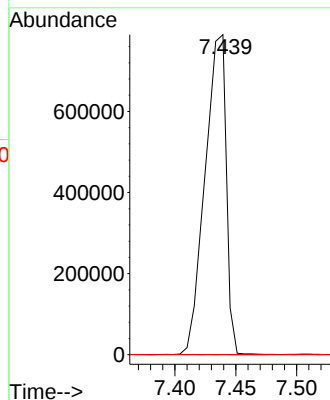
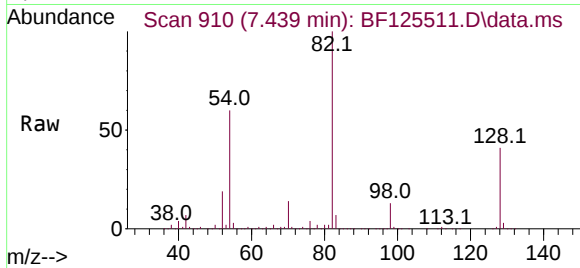




#25
Isophorone
Concen: 20.107 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

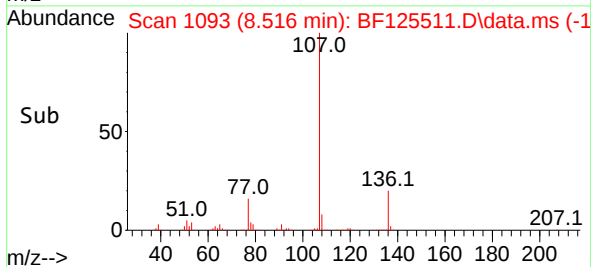
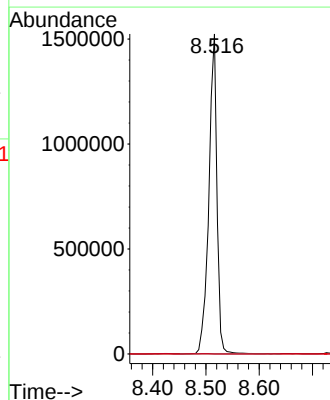
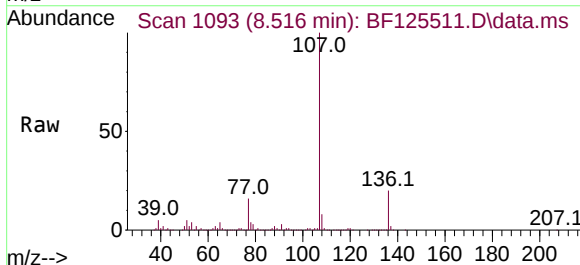
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

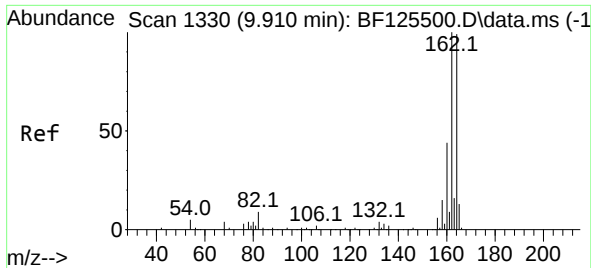
Tgt Ion: 82 Resp: 954271
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#36
4-Chloro-3-methylphenol
Concen: 77.621 ng
RT: 8.516 min Scan# 1093
Delta R.T. -0.200 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

Tgt Ion: 107 Resp: 1613486
Ion Ratio Lower Upper
107 100
144 0.0 21.9 32.9#
142 0.0 67.1 100.7#

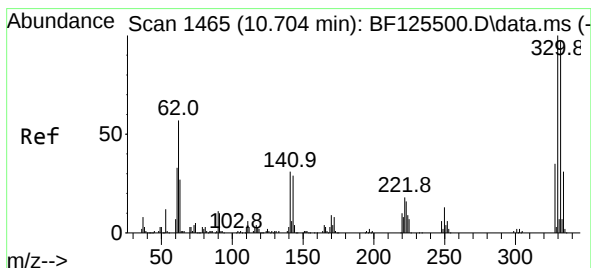
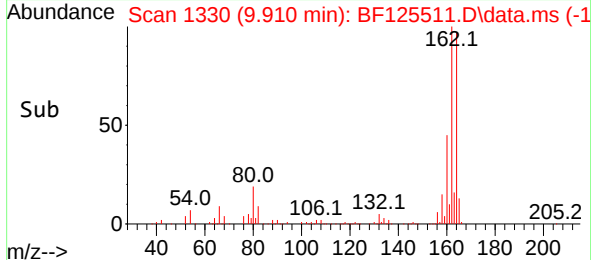
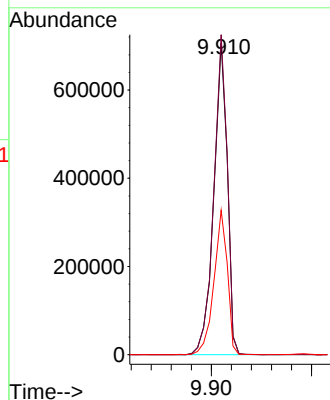
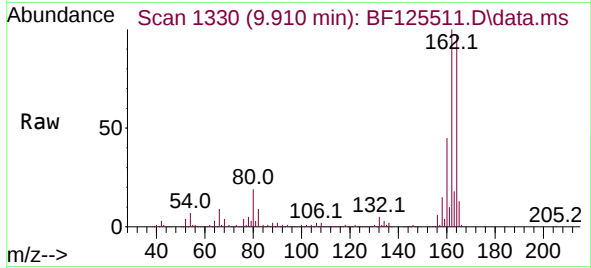




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

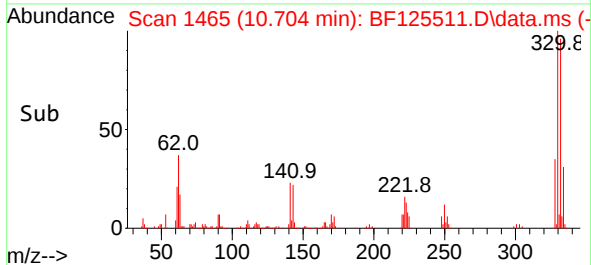
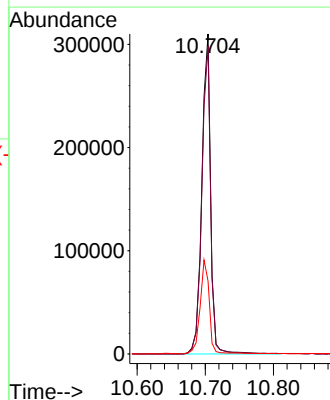
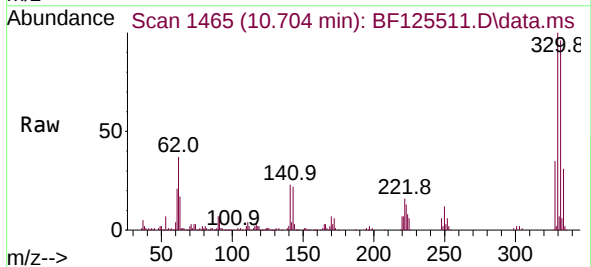
Instrument :
BNA_F
ClientSampleId :
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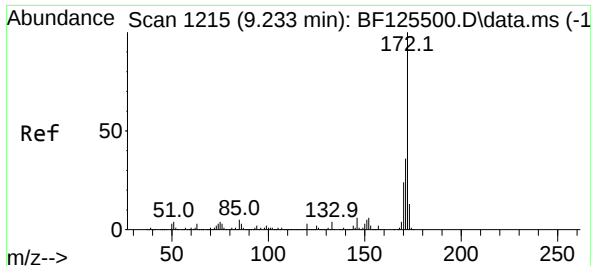
Tgt Ion:164 Resp: 663632
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 46.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 34.481 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

Tgt Ion:330 Resp: 278698
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 30.9 44.6 66.8#

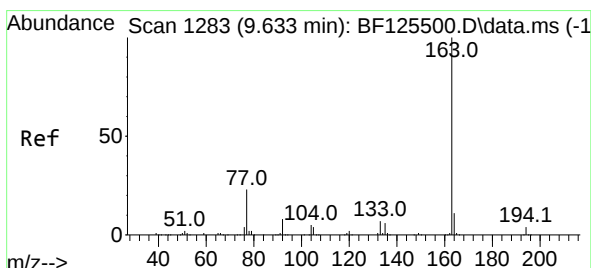
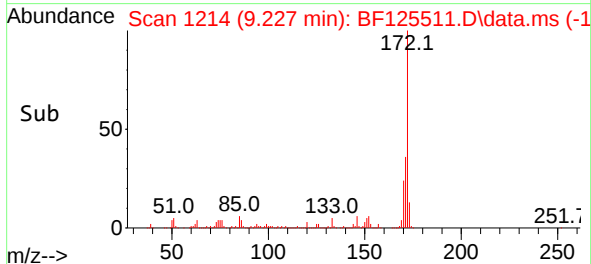
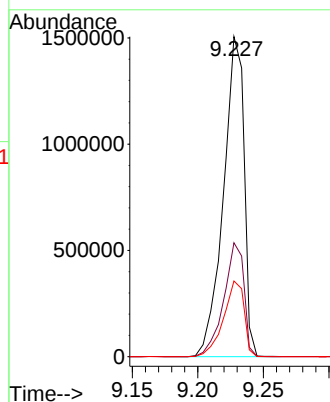
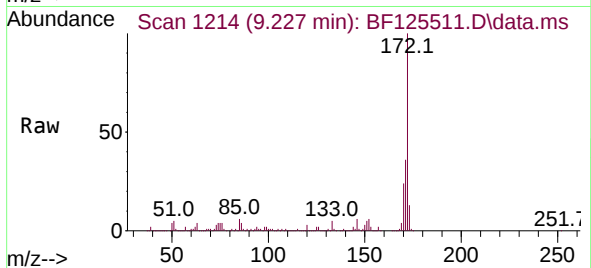




#45
2-Fluorobiphenyl
Concen: 36.467 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

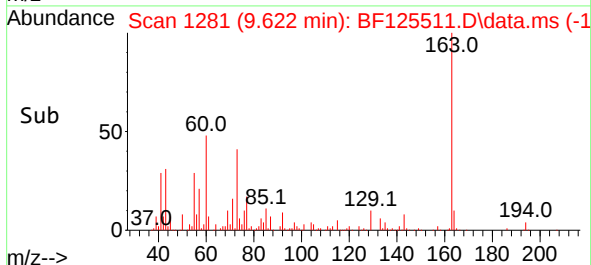
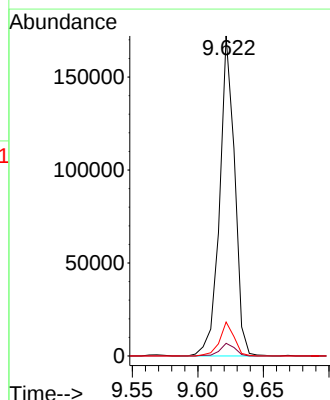
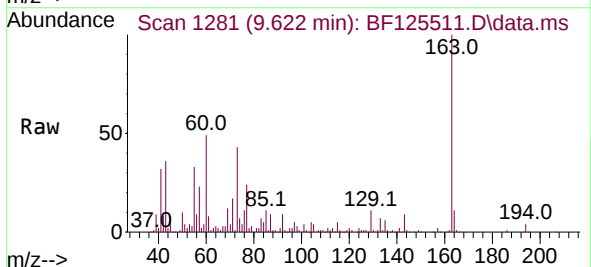
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

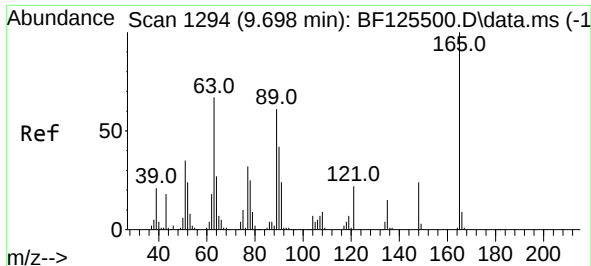
Tgt Ion:172 Resp: 1649253
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.6 18.8 28.2



#50
Dimethylphthalate
Concen: 2.895 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

Tgt Ion:163 Resp: 136976
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 10.6 7.4 11.0

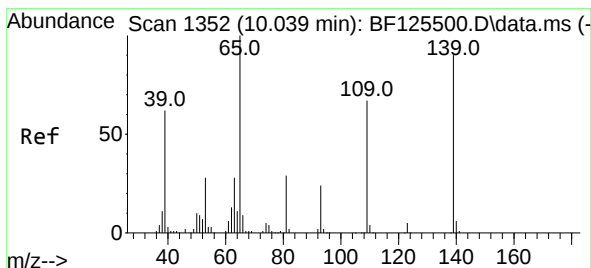
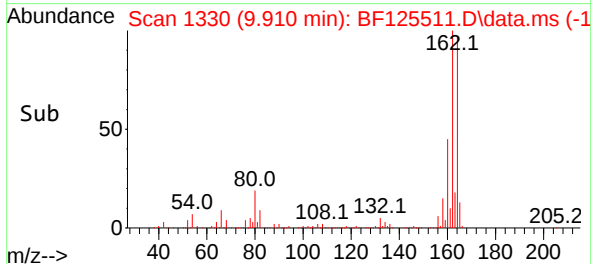
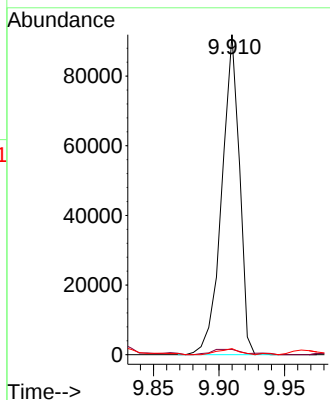
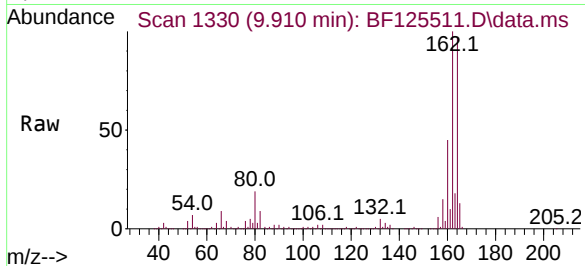




#51
2,6-Dinitrotoluene
Concen: 8.082 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

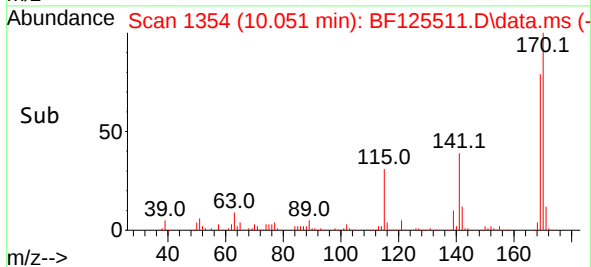
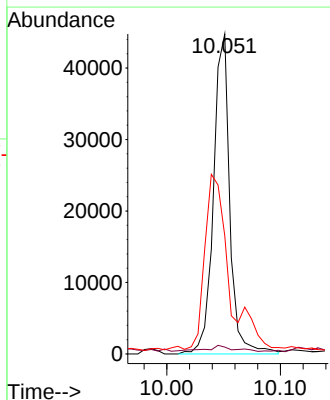
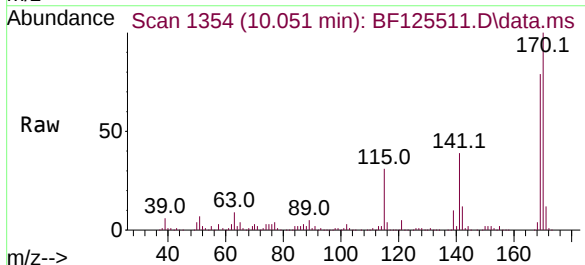
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

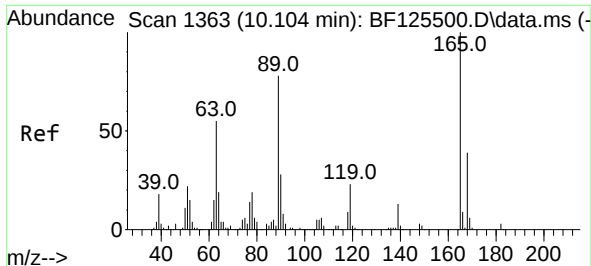
Tgt Ion:165 Resp: 85933
Ion Ratio Lower Upper
165 100
63 1.6 42.6 63.8#
89 1.9 40.6 60.8#



#56
4-Nitrophenol
Concen: 5.635 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

Tgt Ion:139 Resp: 44791
Ion Ratio Lower Upper
139 100
109 2.2 60.4 100.4#
65 37.0 58.4 98.4#

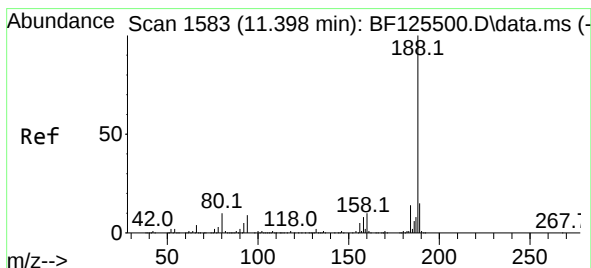
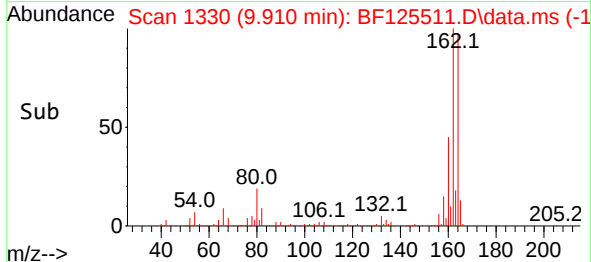
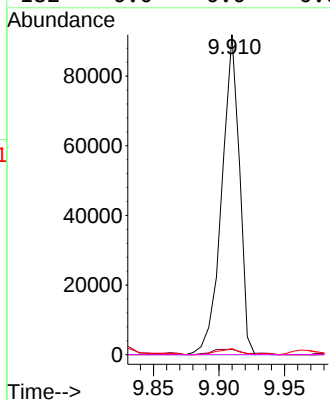
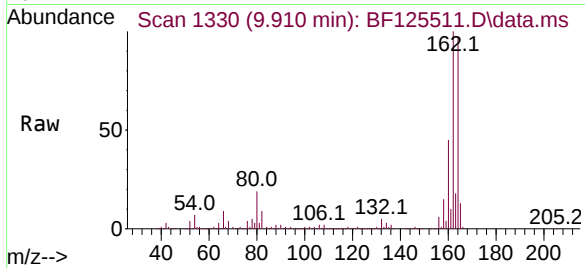




#57
2,4-Dinitrotoluene
Concen: 6.280 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

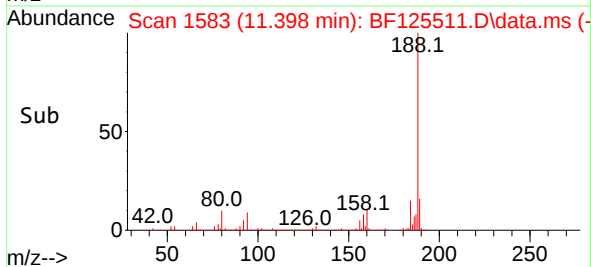
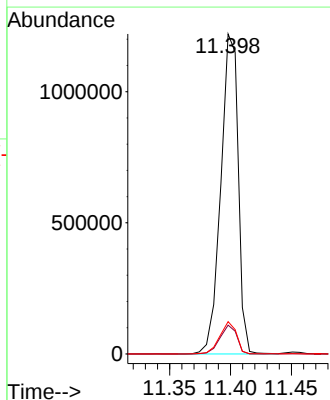
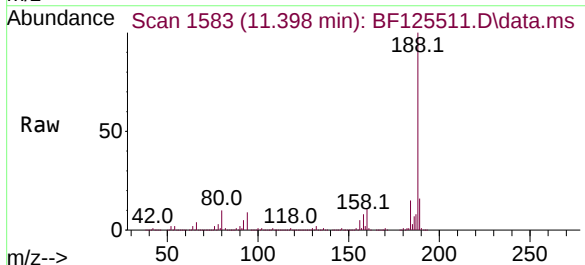
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

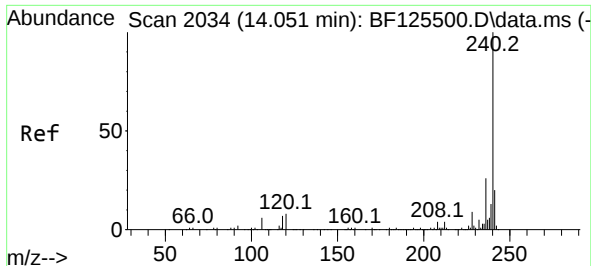
Tgt Ion:	165	Resp:	85933
Ion Ratio	Lower	Upper	
165	100		
63	1.6	40.9	61.3#
89	1.9	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

Tgt Ion:	188	Resp:	1217321
Ion Ratio	Lower	Upper	
188	100		
94	9.0	6.7	10.1
80	10.1	7.5	11.3

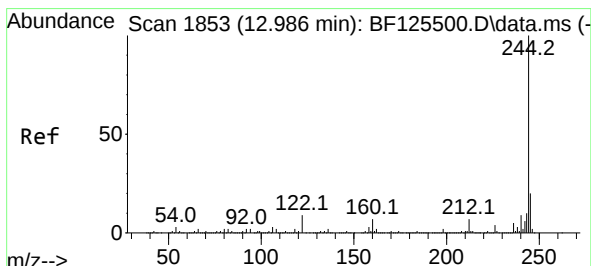
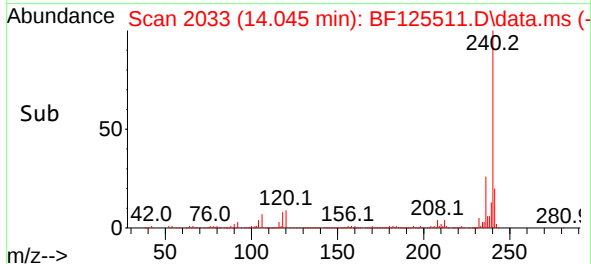
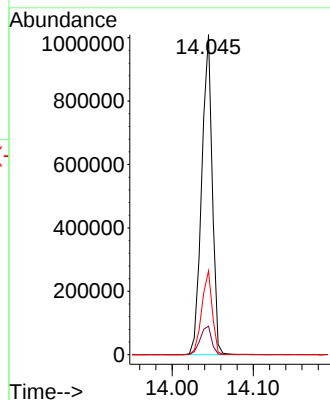
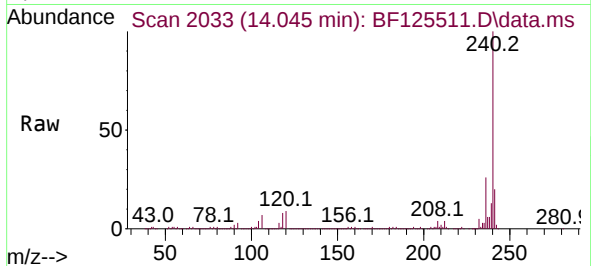




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

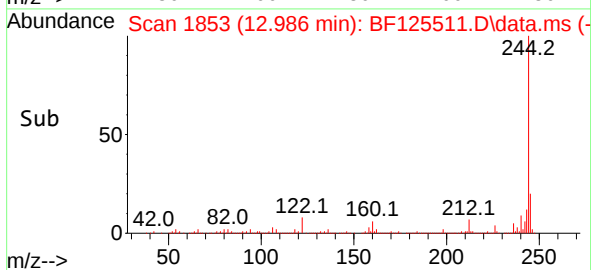
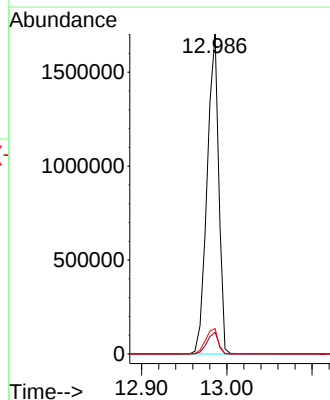
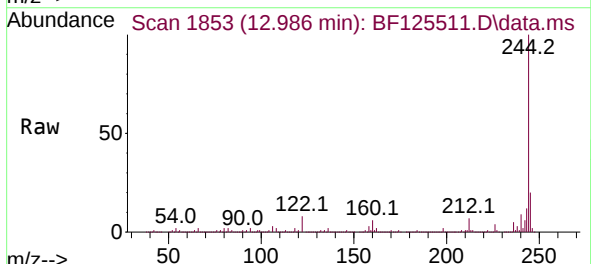
Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

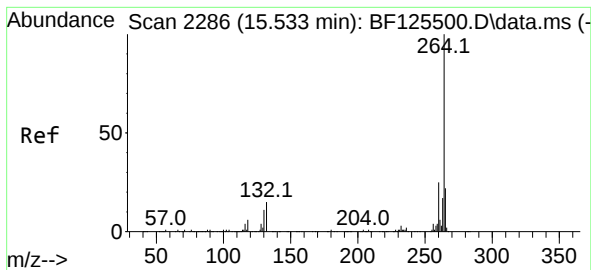
Tgt Ion:240 Resp: 912140
Ion Ratio Lower Upper
240 100
120 8.9 10.8 16.2#
236 26.2 21.6 32.4



#79
Terphenyl-d14
Concen: 28.641 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

Tgt Ion:244 Resp: 1611092
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.0 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF125511.D
Acq: 15 Sep 2021 18:55

Instrument :
BNA_F
ClientSampleId :
TOTE-COMP

Tgt Ion:264	Resp:	735203
Ion Ratio	Lower	Upper
264	100	
260	25.1	19.6 29.4
265	21.4	17.2 25.8

