

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122625.D
 Acq On : 9 Dec 2020 22:58
 Operator : JU/CG
 Sample : L4983-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR2-A-D-COMP

Quant Time: Dec 10 02:52:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

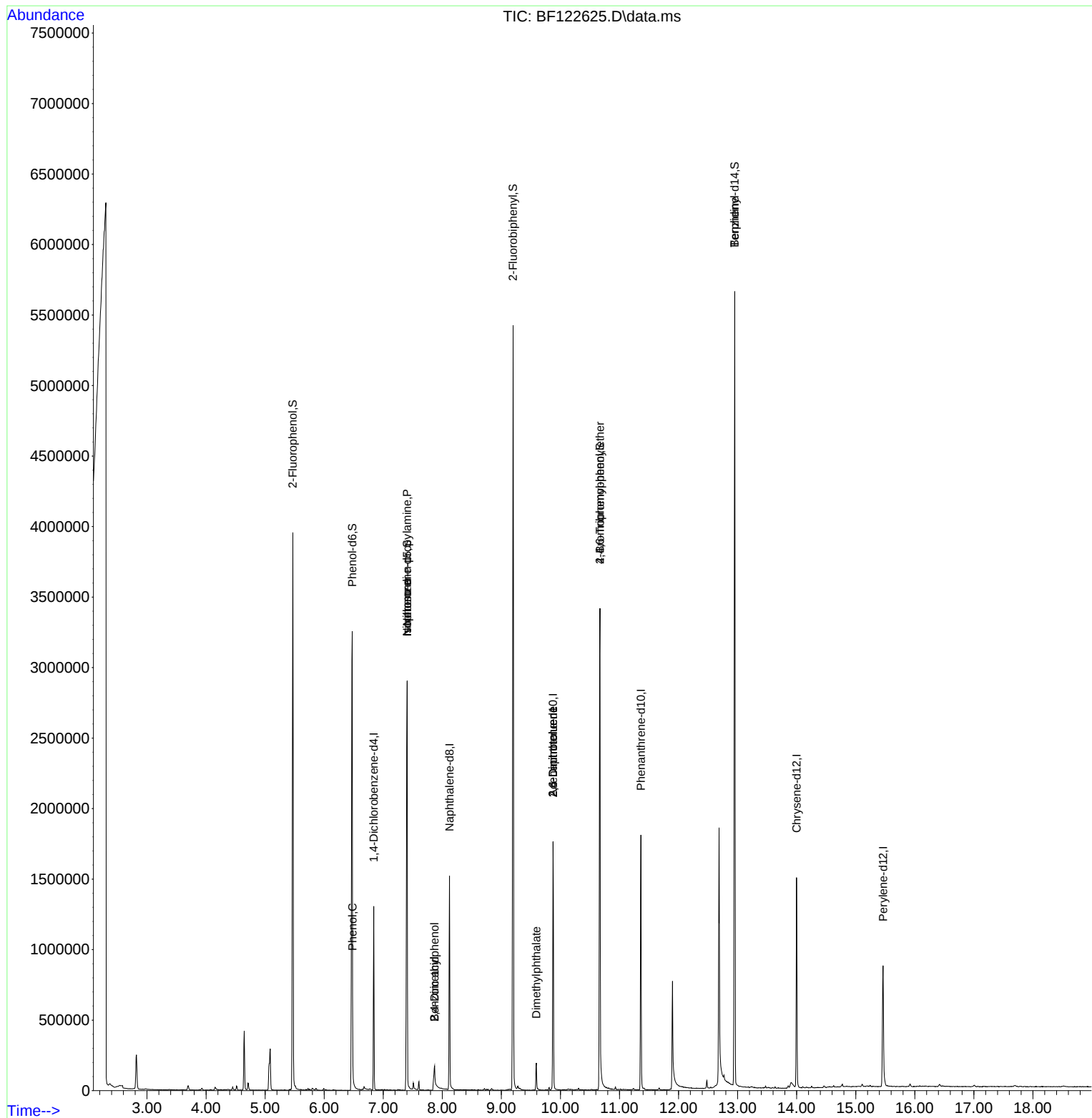
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	173399	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	681488	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	358977	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	656851	20.00	ng	0.00
76) Chrysene-d12	13.998	240	522446	20.00	ng	-0.01
86) Perylene-d12	15.462	264	450530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1176398	107.41	ng	0.01
7) Phenol-d6	6.475	99	1338043	92.11	ng	0.00
23) Nitrobenzene-d5	7.404	82	1015472	74.66	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	533609	113.56	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1854044	69.86	ng	0.00
79) Terphenyl-d14	12.951	244	1861222	62.36	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.481	94	35130	2.33	ng	95
19) n-Nitroso-di-n-propyla...	7.404	70	136958	16.46	ng	# 76
25) Isophorone	7.404	82	1008599	43.05	ng	# 65
27) 2,4-Dimethylphenol	7.869	122	82176	8.50	ng	# 5
32) Benzoic acid	7.869	122	82176	10.66	ng	97
50) Dimethylphthalate	9.592	163	89681	3.13	ng	99
51) 2,6-Dinitrotoluene	9.874	165	46883	7.74	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	46883	5.81	ng	# 26
67) 4-Bromophenyl-phenylether	10.669	248	33074	3.72	ng	# 1
77) Benzidine	12.951	184	24056	2.13	ng	# 92

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

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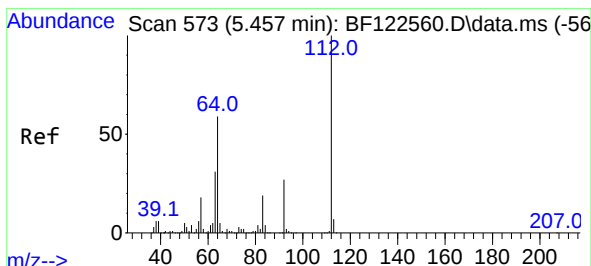
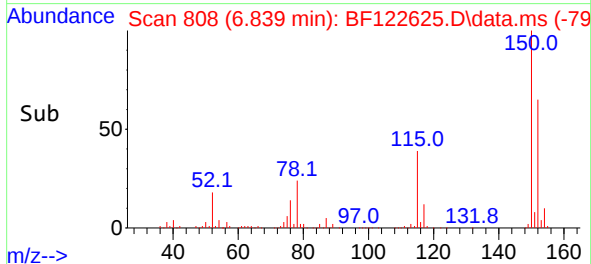
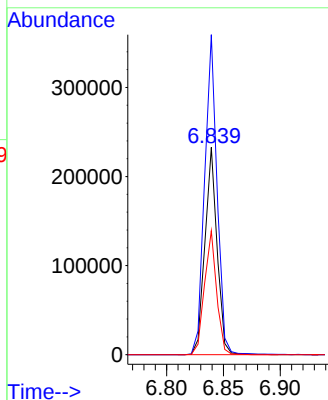
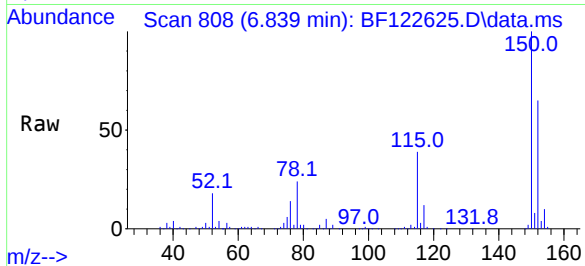




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

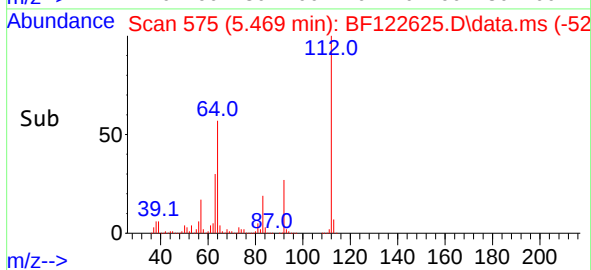
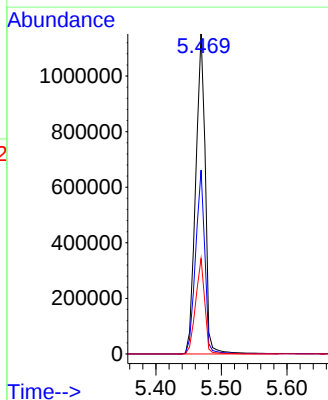
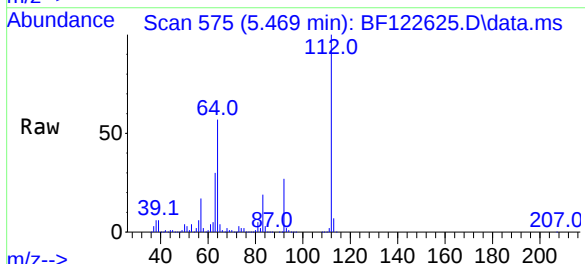
Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

Tgt Ion:152 Resp: 173399
Ion Ratio Lower Upper
152 100
150 154.3 125.8 188.6
115 59.7 49.3 73.9



#5
2-Fluorophenol
Concen: 107.41 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Tgt Ion:112 Resp: 1176398
Ion Ratio Lower Upper
112 100
64 57.4 46.9 70.3
63 29.9 24.5 36.7



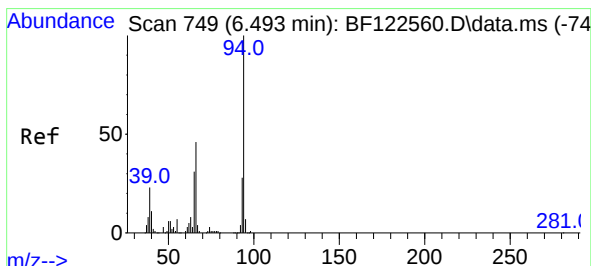
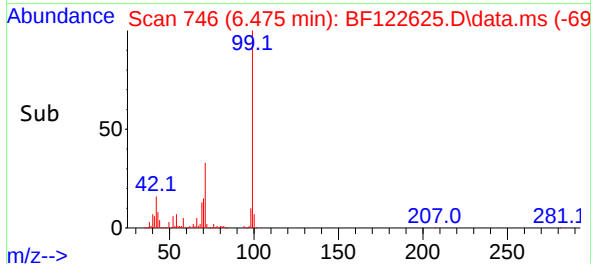
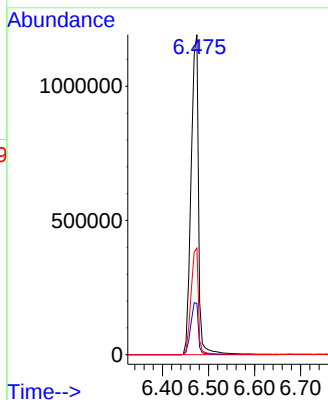
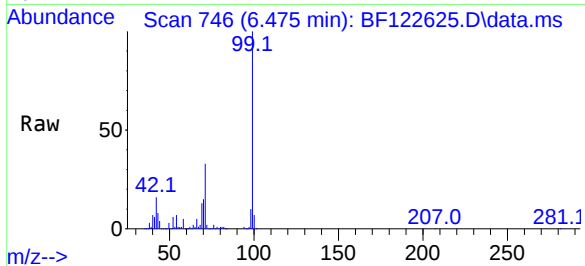


#7
Phenol-d6
Concen: 92.11 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

Tgt Ion: 99 Resp: 1338043

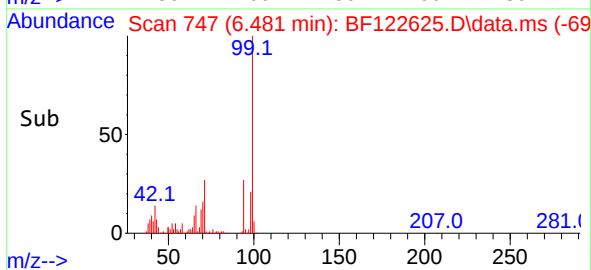
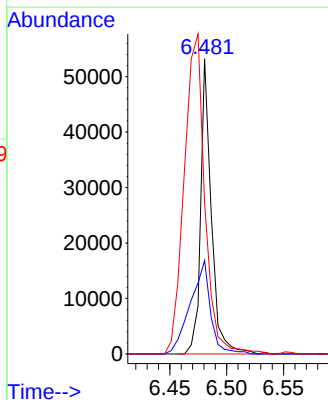
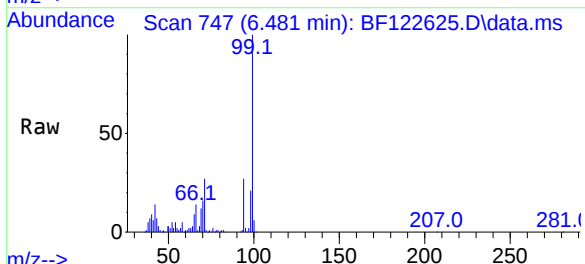
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.8	20.6
71	33.3	26.9	40.3

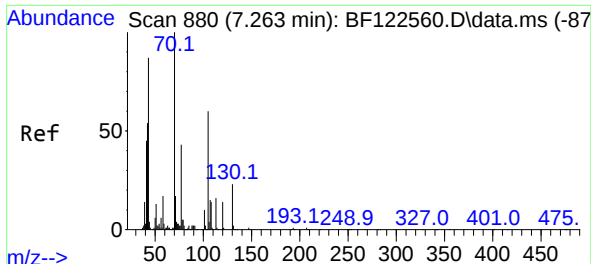


#10
Phenol
Concen: 2.33 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Tgt Ion: 94 Resp: 35130

Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.2	51.2
66	51.1	25.8	65.8

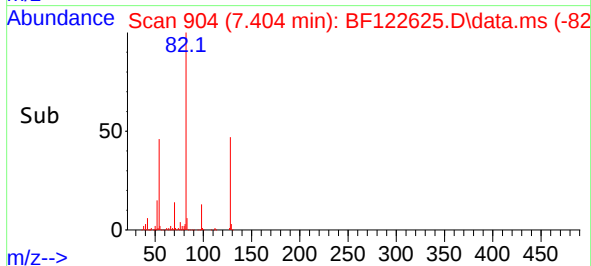
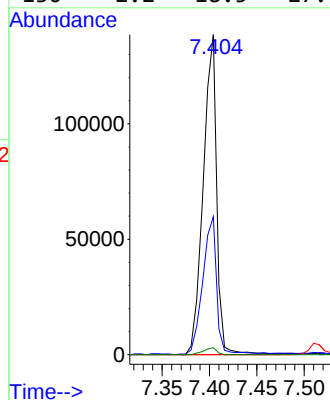
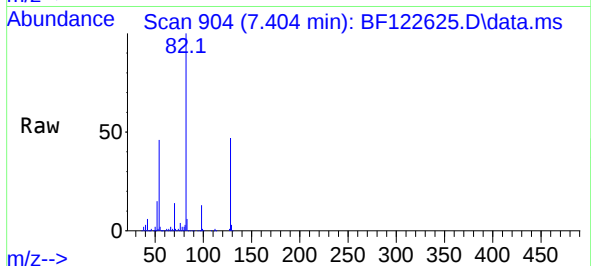




#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

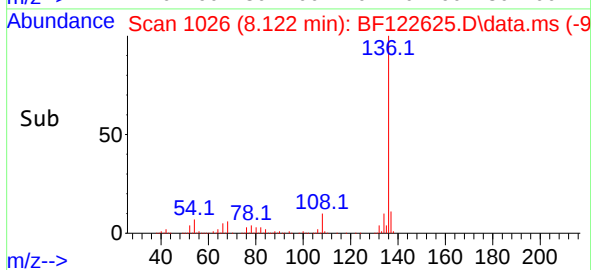
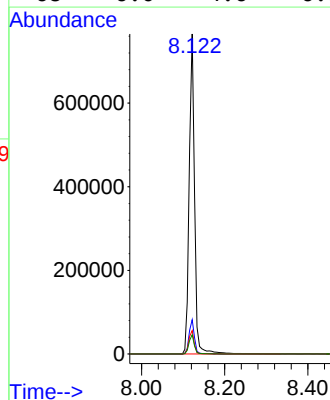
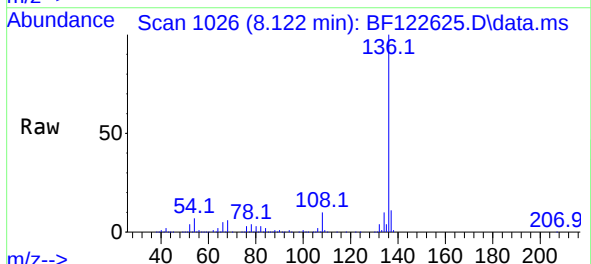
Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

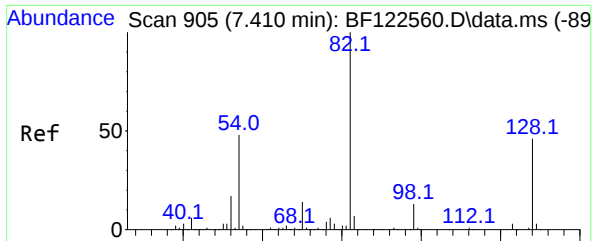
Tgt Ion: 70 Resp: 136958
Ion Ratio Lower Upper
70 100
42 43.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Tgt Ion:136 Resp: 681488
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.3 5.5 8.3
68 6.0 4.6 6.8

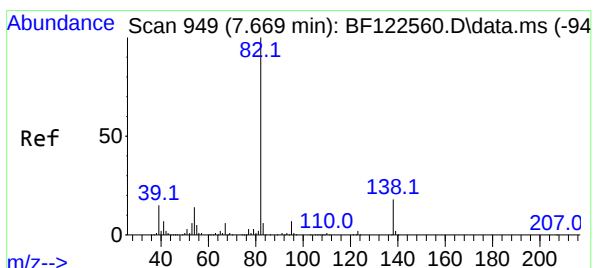
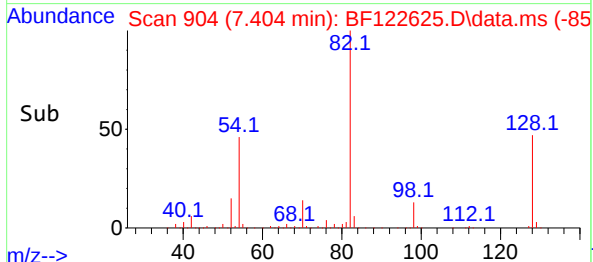
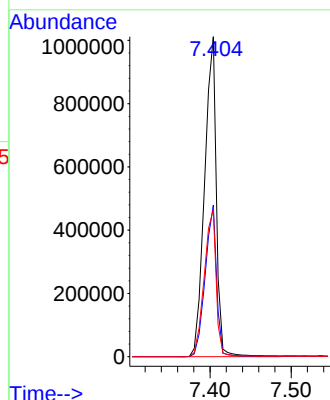
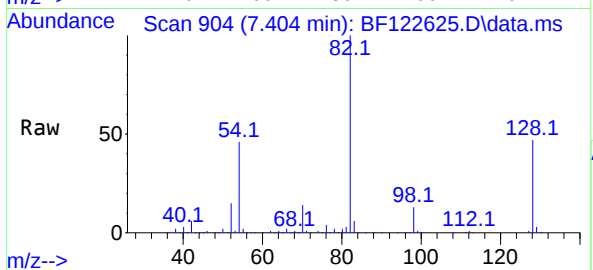




#23
Nitrobenzene-d5
Concen: 74.66 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

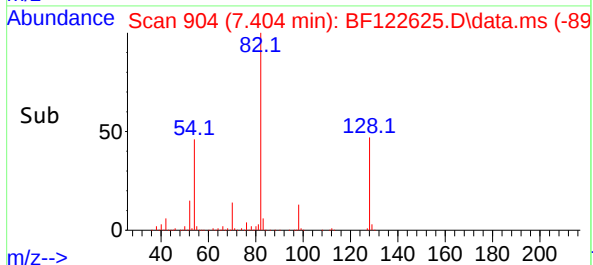
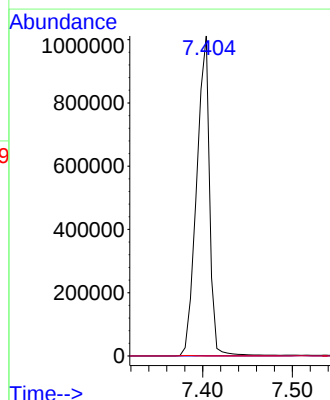
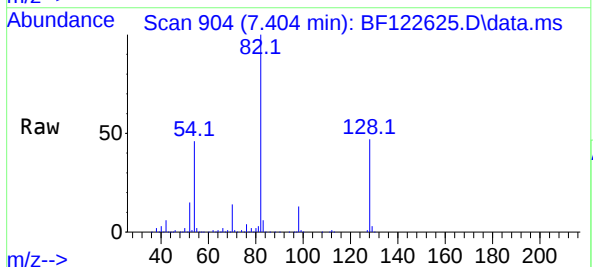
Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

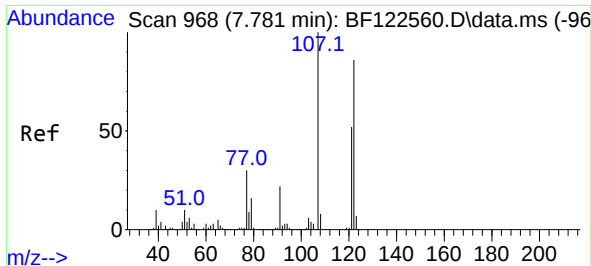
Tgt Ion: 82 Resp: 1015472
Ion Ratio Lower Upper
82 100
128 47.4 37.0 55.4
54 45.9 38.4 57.6



#25
Isophorone
Concen: 43.05 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Tgt Ion: 82 Resp: 1008599
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

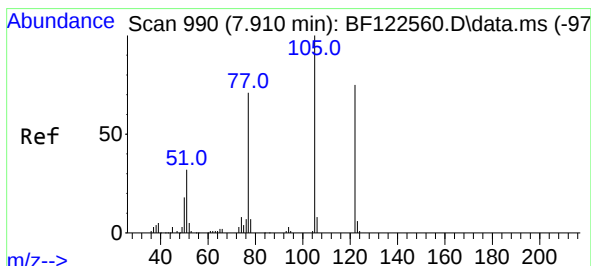
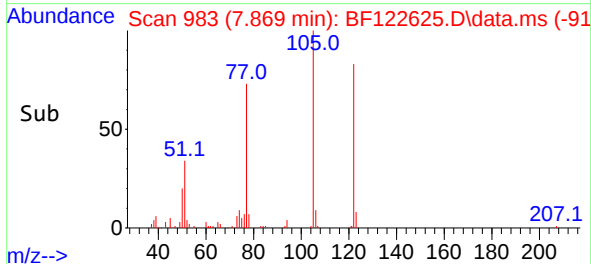
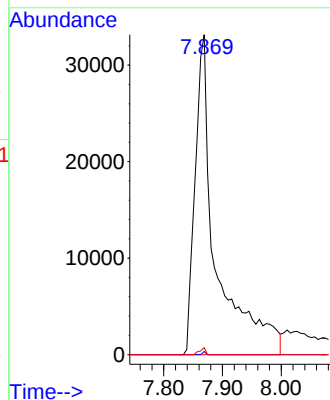
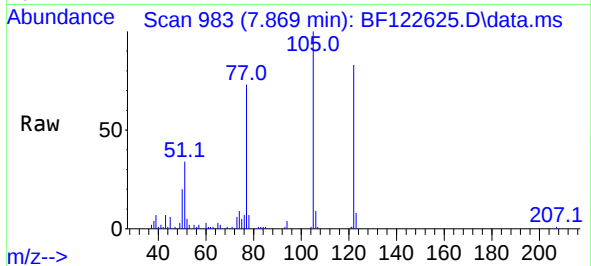




#27
2,4-Dimethylphenol
Concen: 8.50 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.088 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

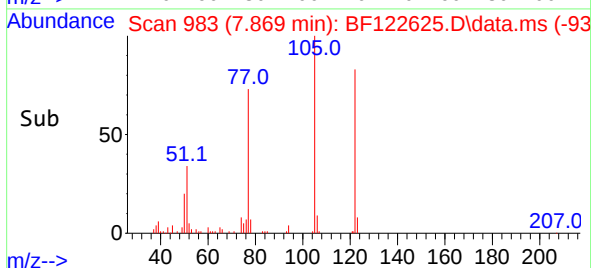
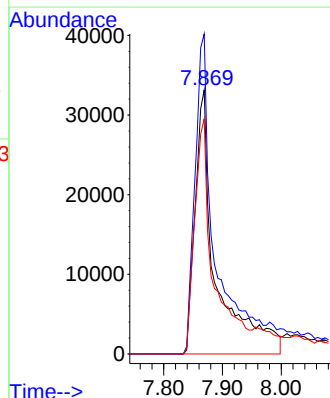
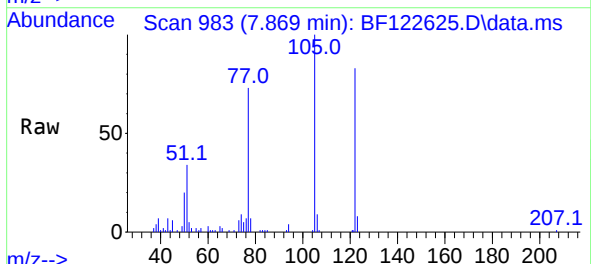
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TR2-A-D-COMP

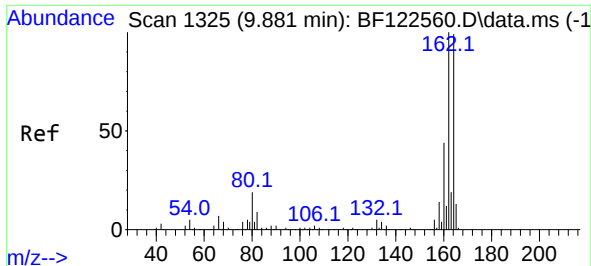
Tgt Ion:122 Resp: 82176
Ion Ratio Lower Upper
122 100
107 1.0 91.8 137.8#
121 2.2 47.3 70.9#



#32
Benzoic acid
Concen: 10.66 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.041 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Tgt Ion:122 Resp: 82176
Ion Ratio Lower Upper
122 100
105 121.2 104.8 144.8
77 89.0 71.0 111.0





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.007 min

Lab File: BF122625.D

Acq: 9 Dec 2020 22:58

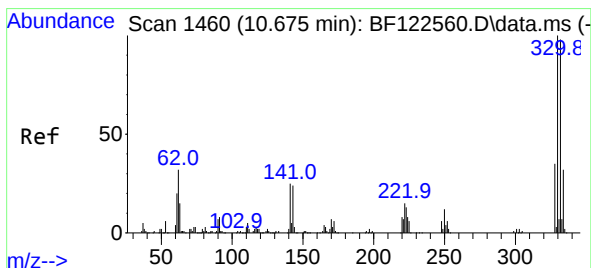
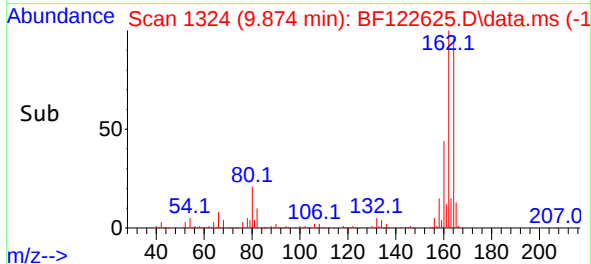
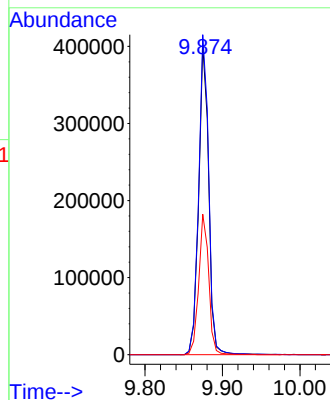
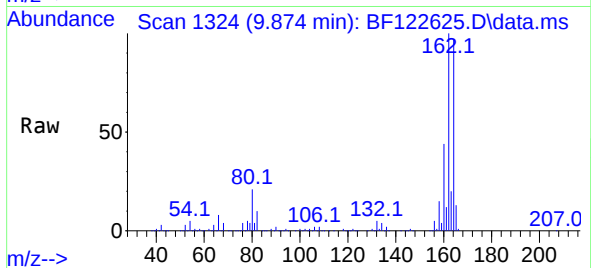
Tgt Ion:164 Resp: 358977

Ion Ratio Lower Upper

164 100

162 103.3 80.8 121.2

160 45.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 113.56 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF122625.D

Acq: 9 Dec 2020 22:58

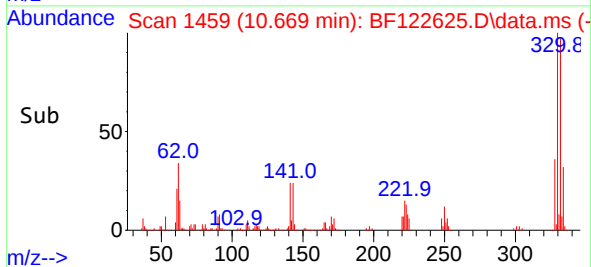
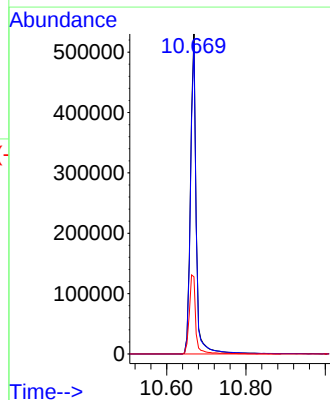
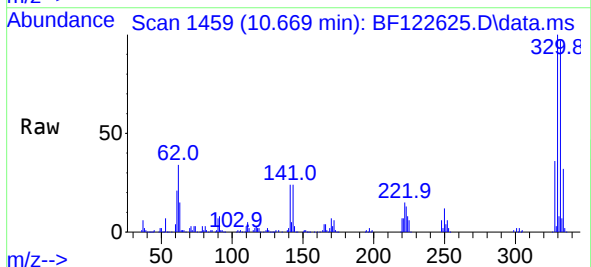
Tgt Ion:330 Resp: 533609

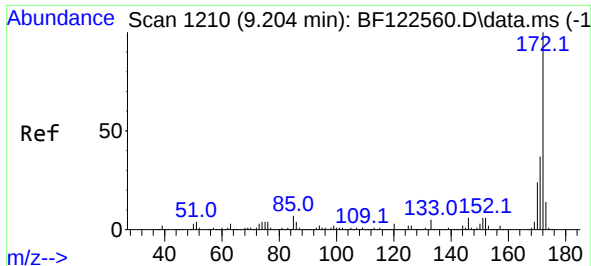
Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

141 28.0 23.8 35.8

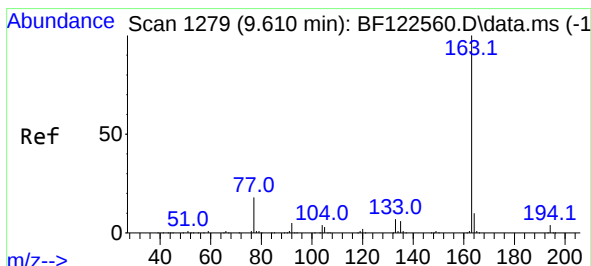
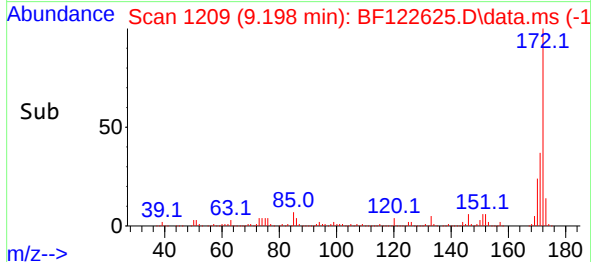
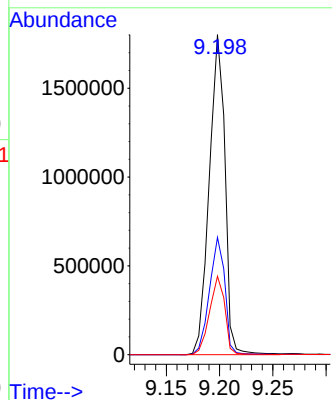
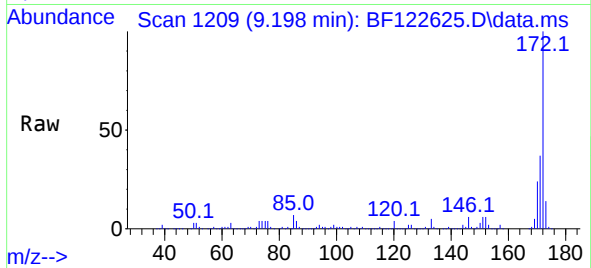




#45
2-Fluorobiphenyl
Concen: 69.86 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

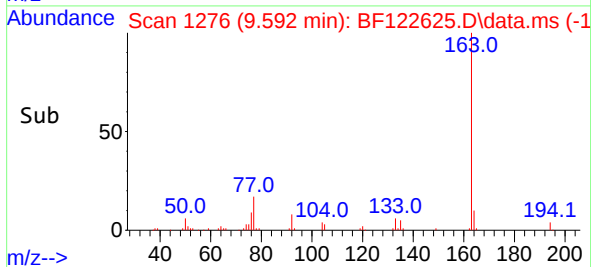
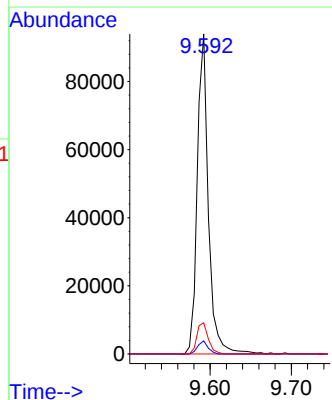
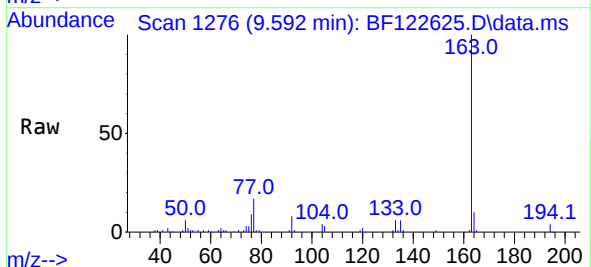
Instrument :
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TR2-A-D-COMP

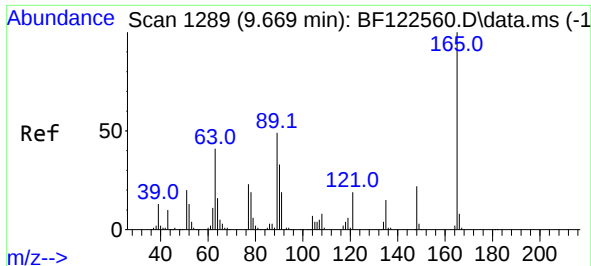
Tgt Ion:172 Resp: 1854044
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.5 19.5 29.3



#50
Dimethylphthalate
Concen: 3.13 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Tgt Ion:163 Resp: 89681
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.8 8.1 12.1

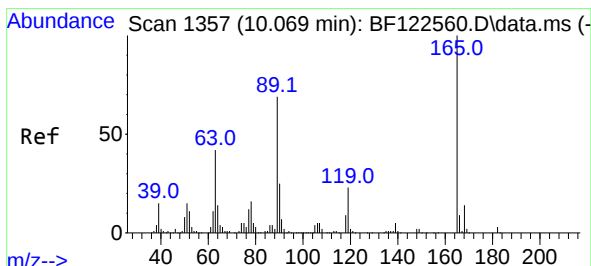
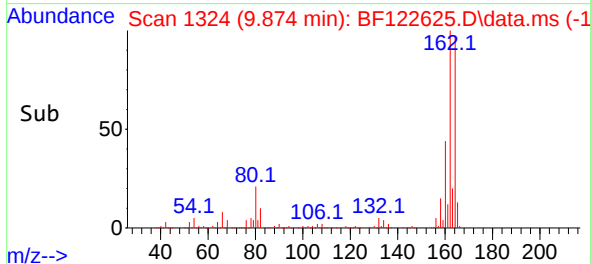
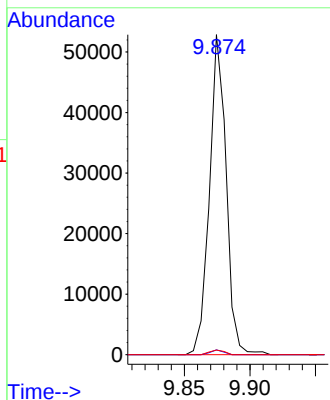
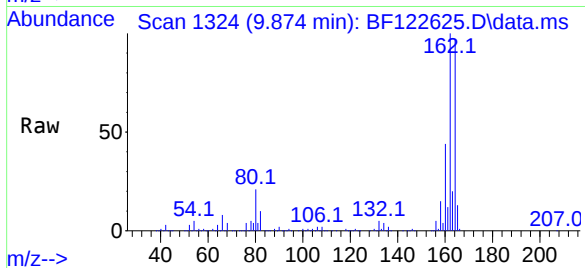




#51
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

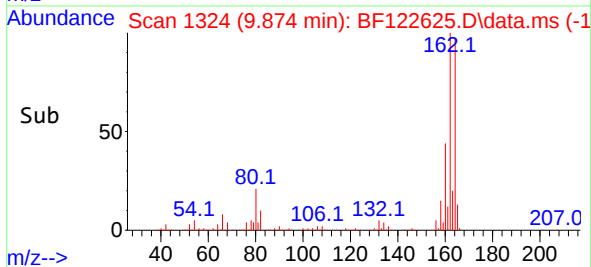
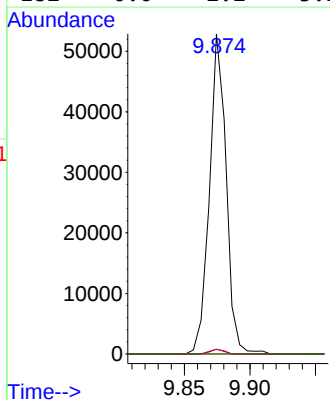
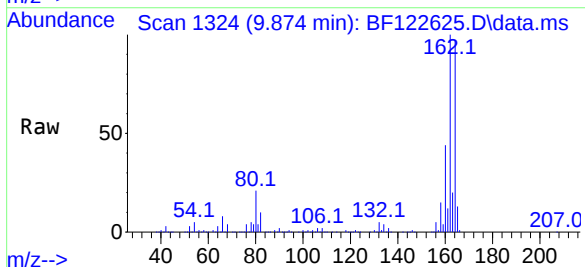
Instrument :
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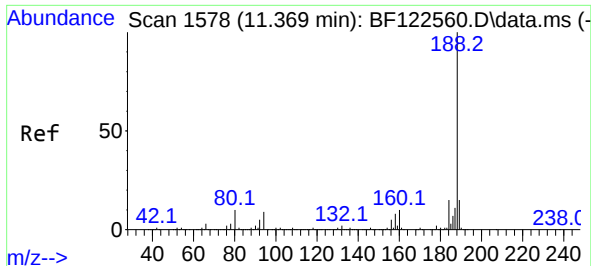
Tgt Ion:165 Resp: 46883
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Tgt Ion:165 Resp: 46883
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



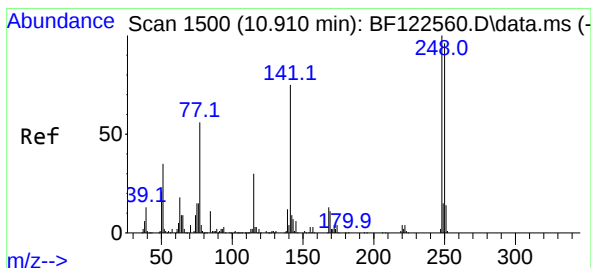
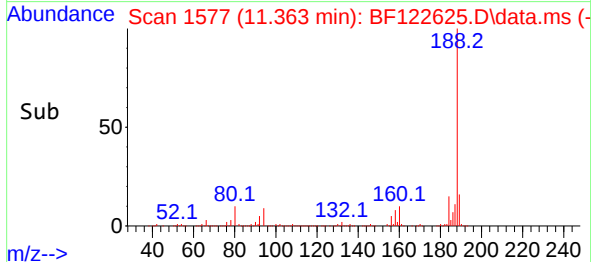
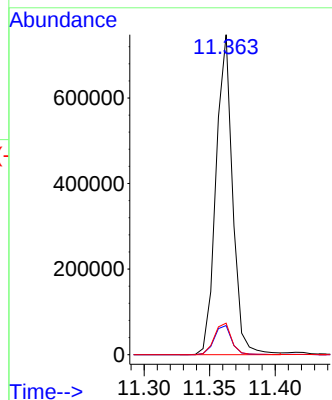
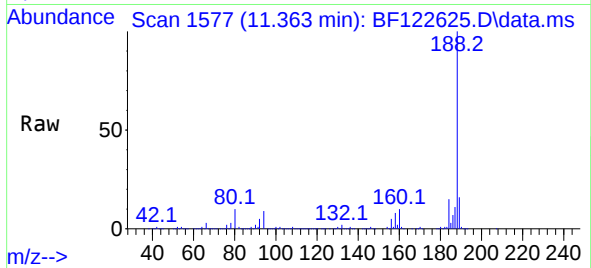


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

Tgt Ion:188 Resp: 656851

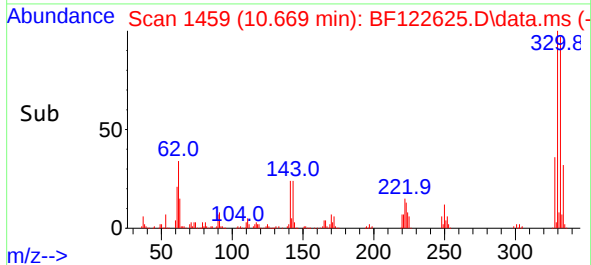
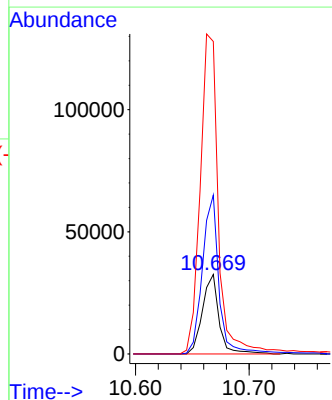
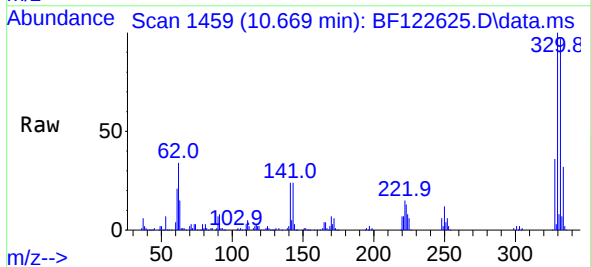
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	9.8	8.2	12.4

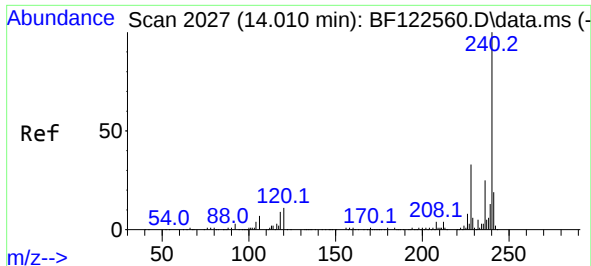


#67
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Tgt Ion:248 Resp: 33074

Ion	Ratio	Lower	Upper
248	100		
250	199.9	76.8	115.2#
141	393.1	59.8	89.8#

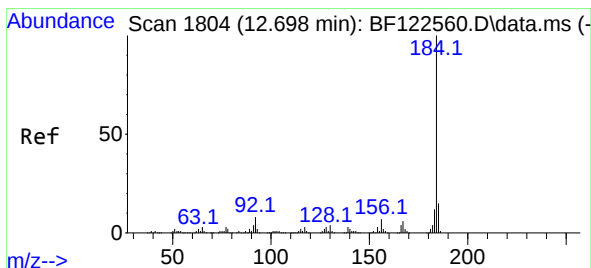
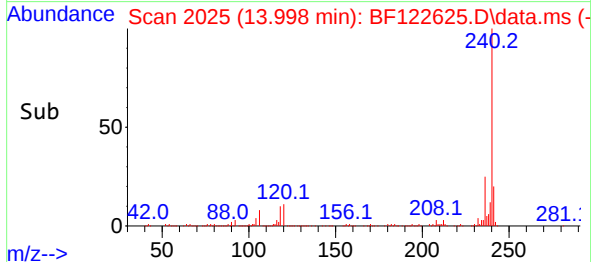
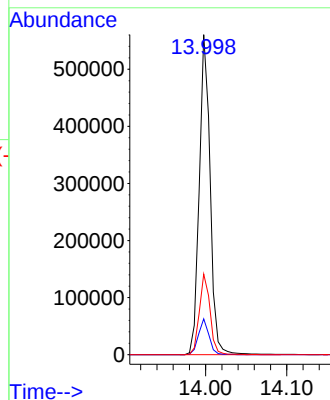
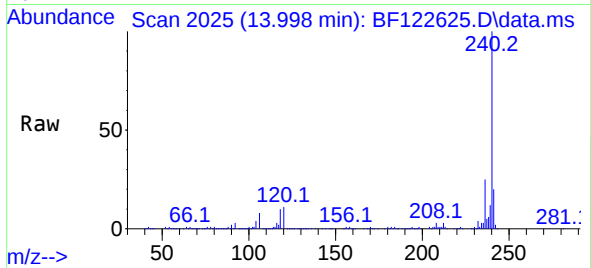




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

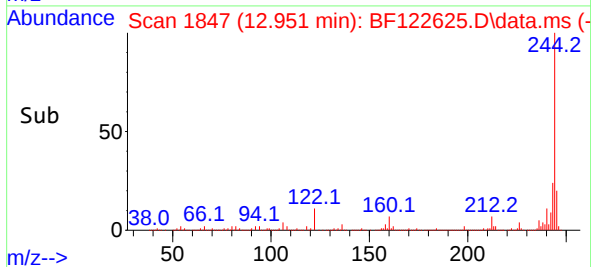
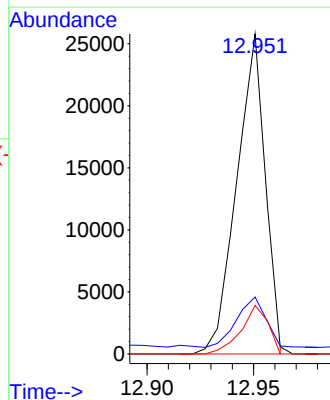
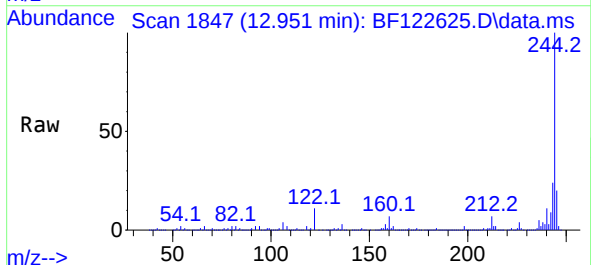
Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP

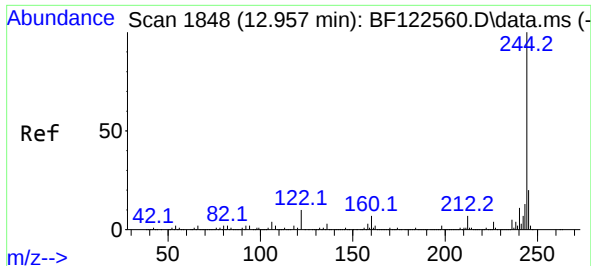
Tgt Ion:240 Resp: 522446
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.2 20.3 30.5



#77
Benzidine
Concen: 2.13 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

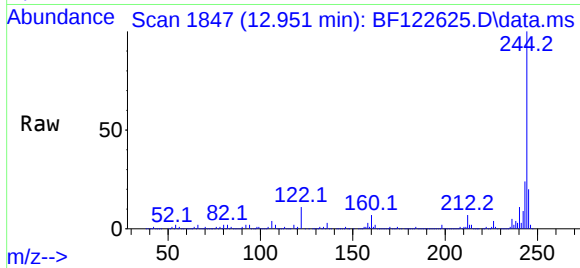
Tgt Ion:184 Resp: 24056
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.6#
183 15.2 9.7 14.5#





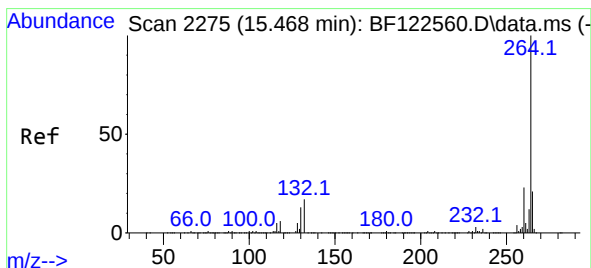
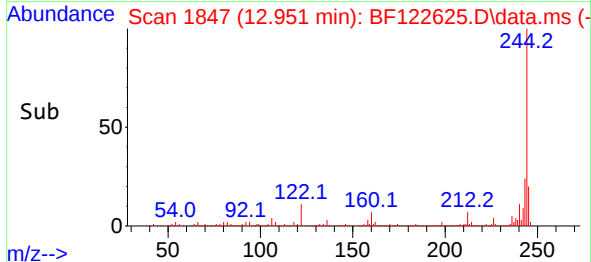
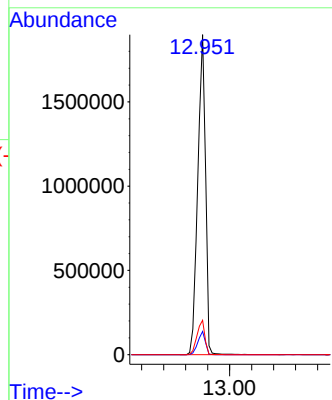
#79
Terphenyl-d14
Concen: 62.36 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Instrument :
BNA_F
ClientSampleId :
TR2-A-D-COMP



Tgt Ion:244 Resp: 1861222

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	10.7	8.3	12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122625.D
Acq: 9 Dec 2020 22:58

Tgt Ion:264 Resp: 450530

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	22.0	17.0	25.6

