

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122621.D
 Acq On : 9 Dec 2020 20:52
 Operator : JU/CG
 Sample : L4984-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR3-A-D-COMP

Quant Time: Dec 10 02:51:15 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)

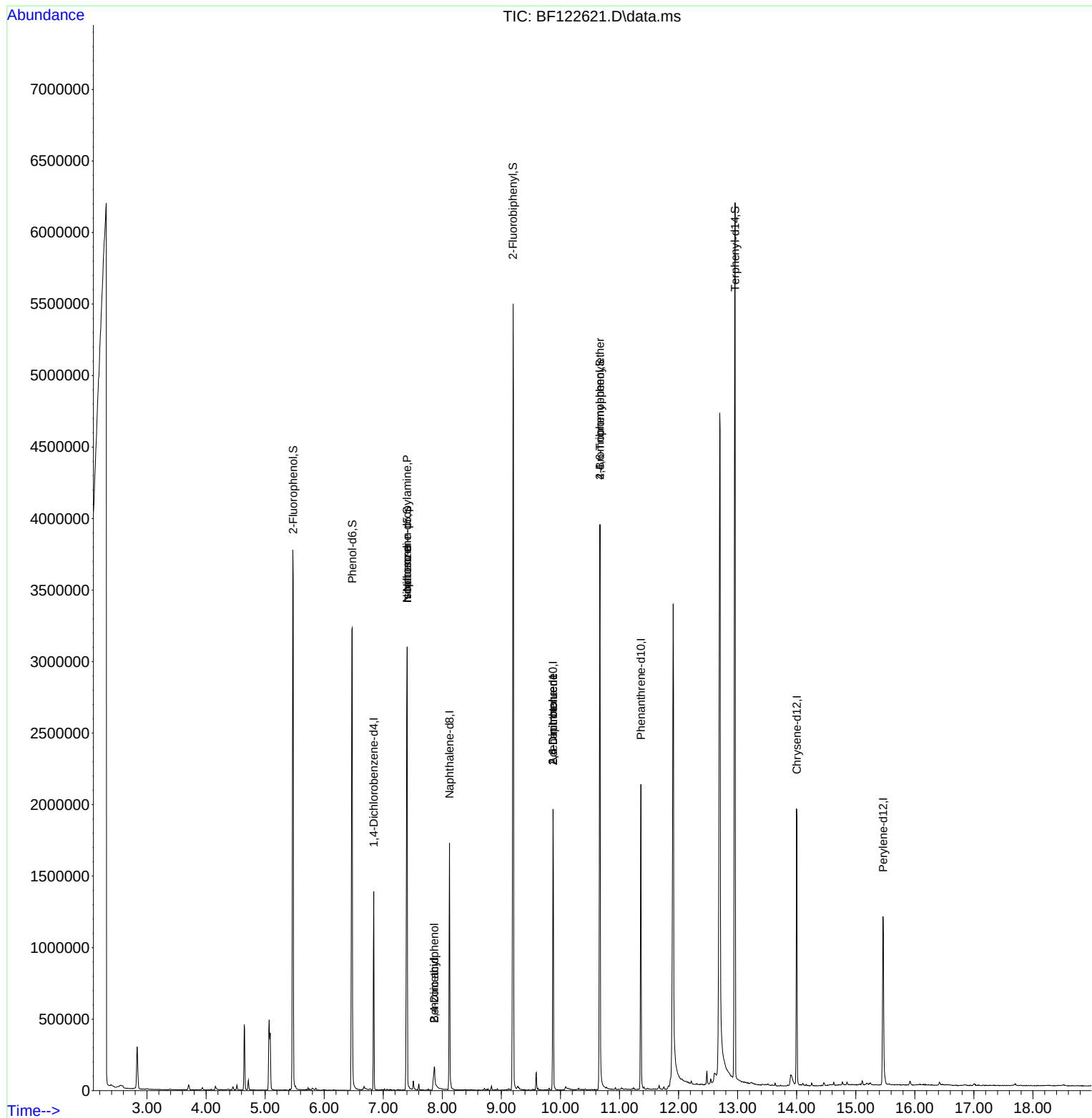
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	191226	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	762078	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	410502	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	770977	20.00	ng	0.00
76) Chrysene-d12	14.004	240	712885	20.00	ng	0.00
86) Perylene-d12	15.463	264	615108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1251693	103.63	ng	0.02
7) Phenol-d6	6.475	99	1408646	87.93	ng	0.00
23) Nitrobenzene-d5	7.404	82	1117414	73.46	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	598152	111.32	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2007941	66.16	ng	0.00
79) Terphenyl-d14	12.957	244	2338948	57.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	150502	16.40	ng	Qvalue
25) Isophorone	7.404	82	1103992	42.14	ng	# 77
27) 2,4-Dimethylphenol	7.863	122	81444	7.53	ng	# 65
32) Benzoic acid	7.863	122	81444	9.45	ng	# 4
51) 2,6-Dinitrotoluene	9.875	165	53282	7.70	ng	# 95
57) 2,4-Dinitrotoluene	9.875	165	53282	5.78	ng	# 31
67) 4-Bromophenyl-phenylether	10.669	248	36989	3.54	ng	# 25

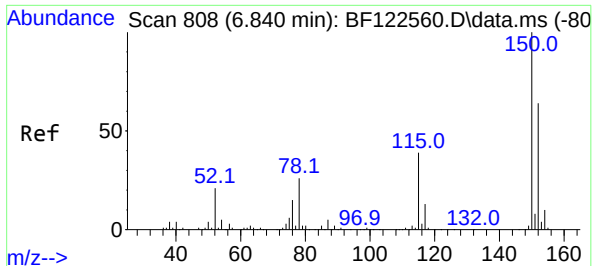
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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Response via : Initial Calibration

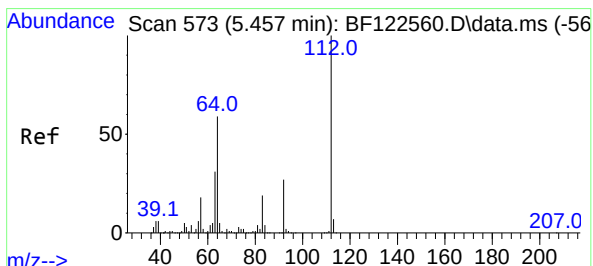
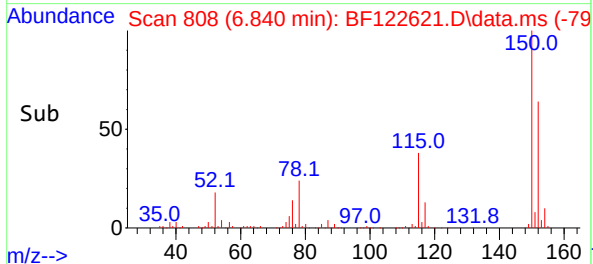
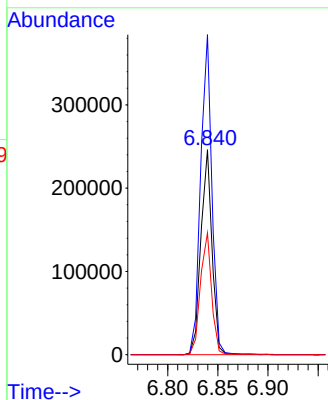
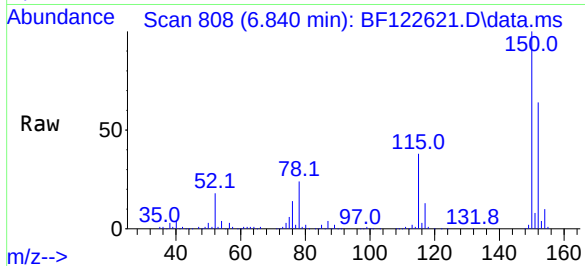




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

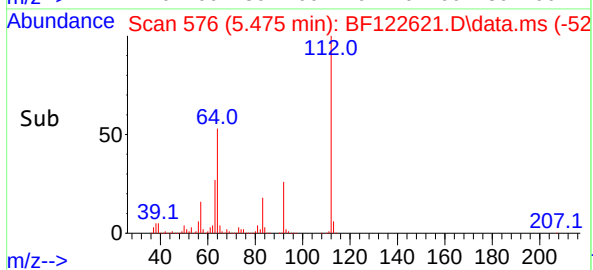
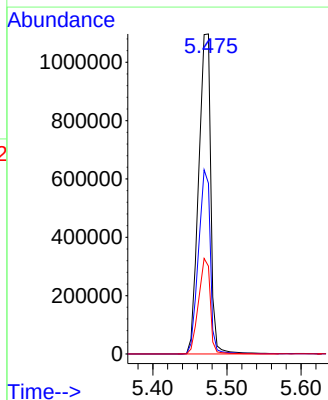
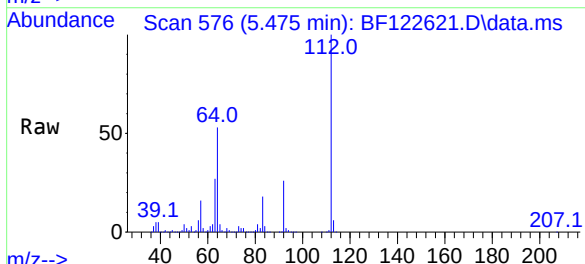
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

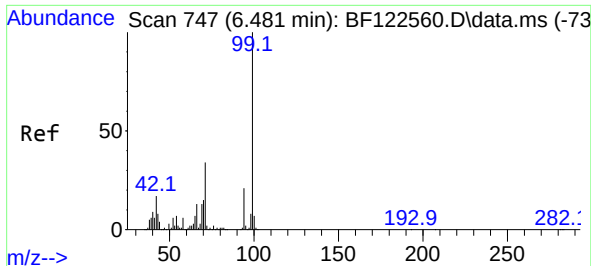
Tgt Ion:152 Resp: 191226
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 59.4 49.3 73.9



#5
2-Fluorophenol
Concen: 103.63 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

Tgt Ion:112 Resp: 1251693
Ion Ratio Lower Upper
112 100
64 53.4 46.9 70.3
63 27.4 24.5 36.7



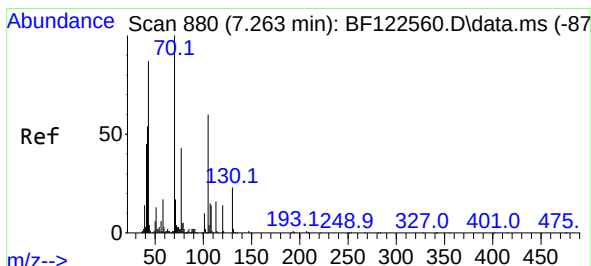
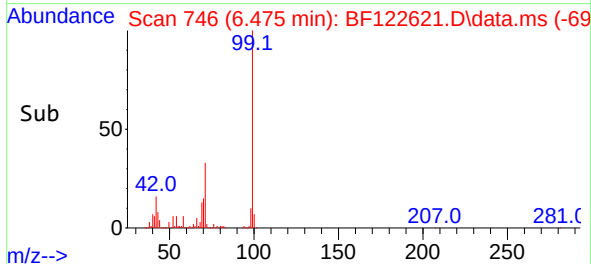
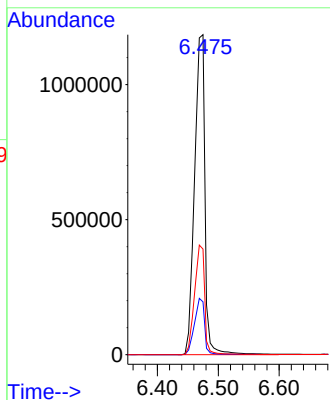
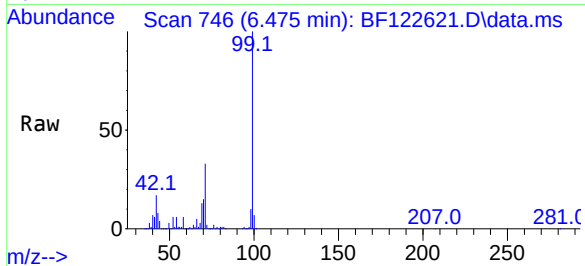


#7
Phenol-d6
Concen: 87.93 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

Tgt Ion: 99 Resp: 1408646

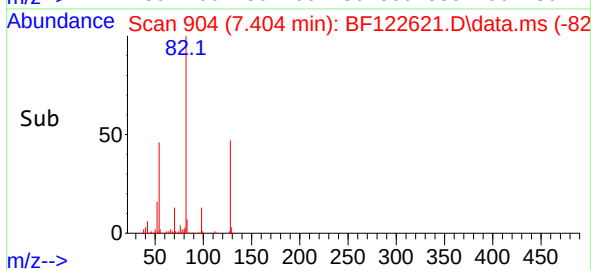
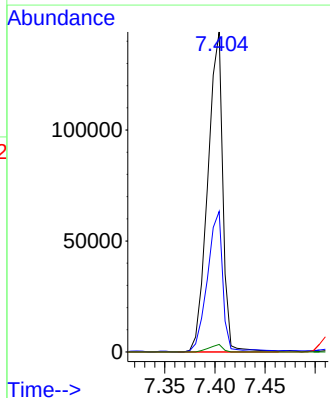
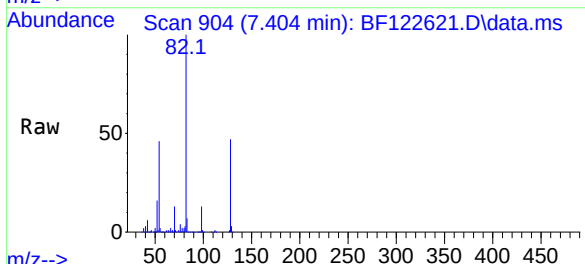
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	33.0	26.9	40.3

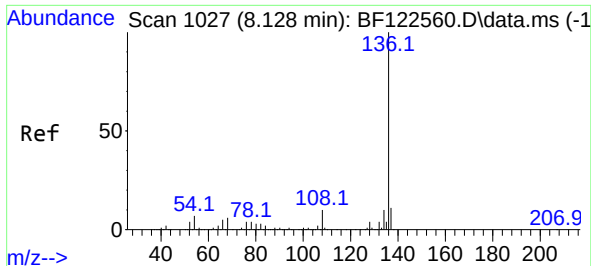


#19
n-Nitroso-di-n-propylamine
Concen: 16.40 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

Tgt Ion: 70 Resp: 150502

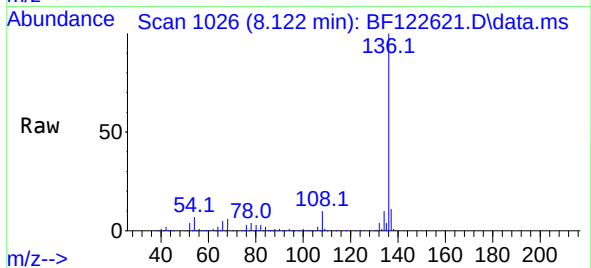
Ion	Ratio	Lower	Upper
70	100		
42	43.9	43.0	64.4
101	0.0	7.9	11.9#
130	2.4	18.5	27.7#





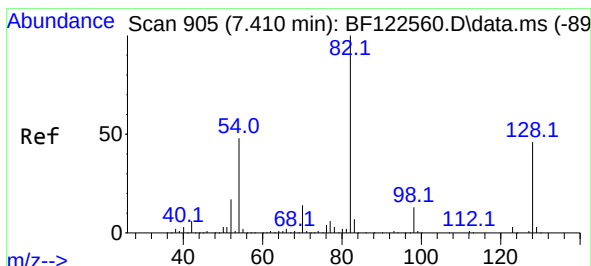
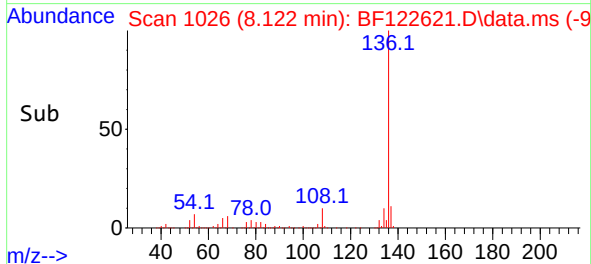
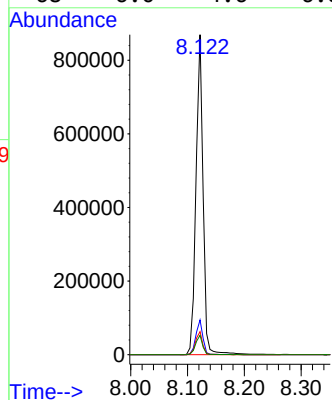
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP



Tgt Ion:136 Resp: 762078

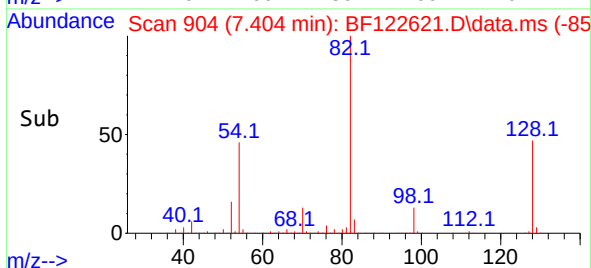
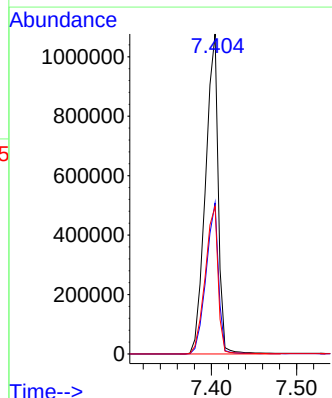
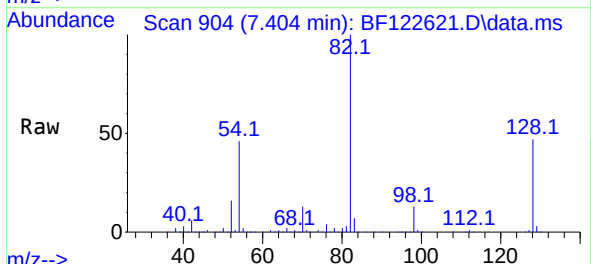
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.2	5.5	8.3
68	6.0	4.6	6.8

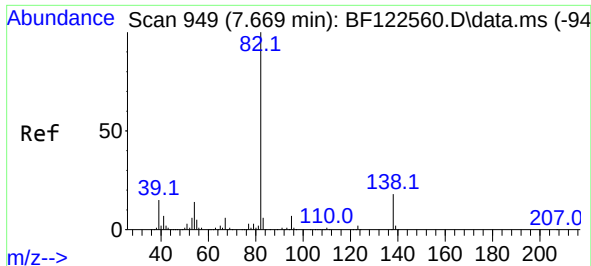


#23
Nitrobenzene-d5
Concen: 73.46 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

Tgt Ion: 82 Resp: 1117414

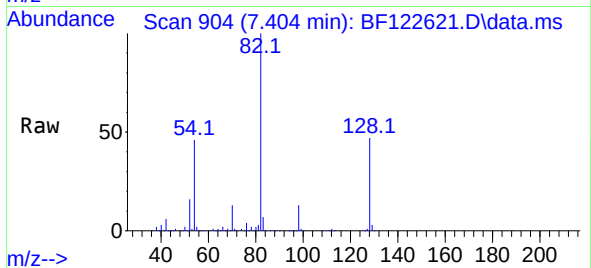
Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.0	55.4
54	46.1	38.4	57.6



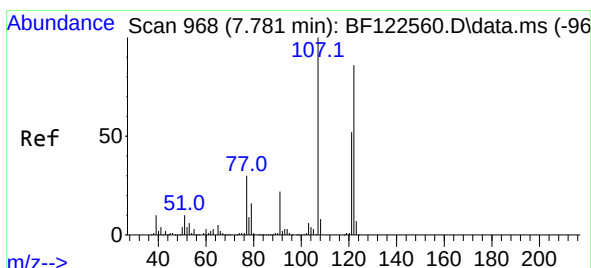
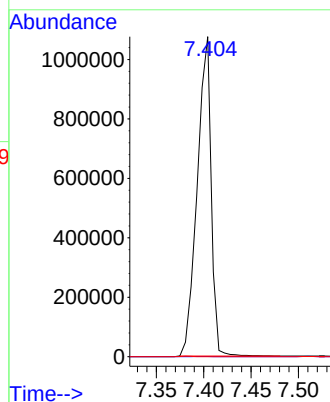
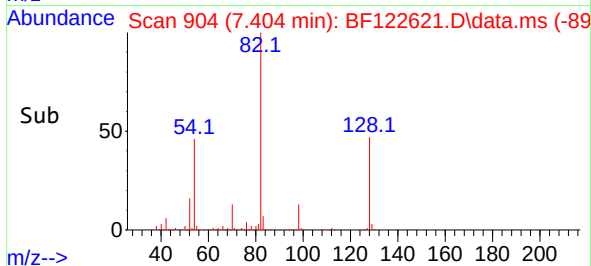


#25
Isophorone
Concen: 42.14 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

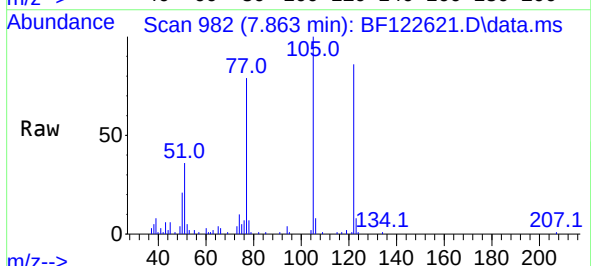
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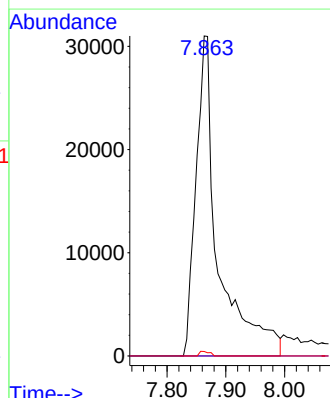
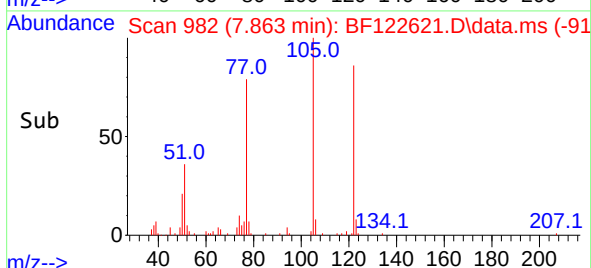
Tgt Ion: 82 Resp: 1103992
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

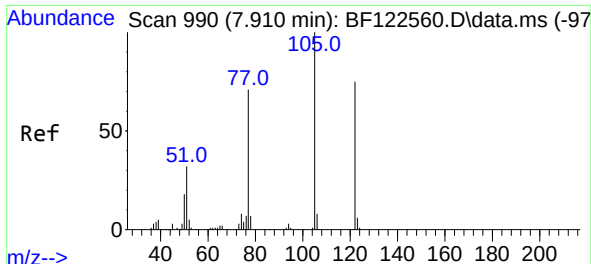


#27
2,4-Dimethylphenol
Concen: 7.53 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.082 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52



Tgt Ion: 122 Resp: 81444
Ion Ratio Lower Upper
122 100
107 0.0 91.8 137.8#
121 1.4 47.3 70.9#

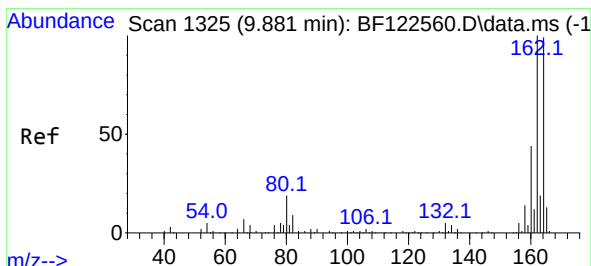
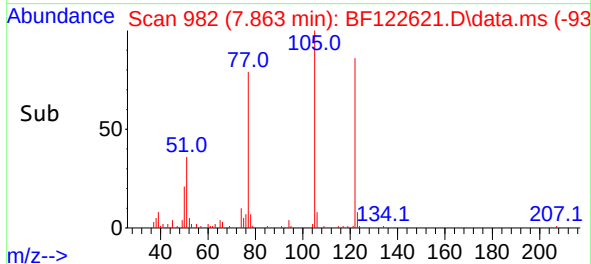
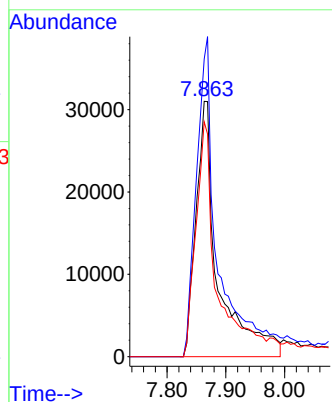
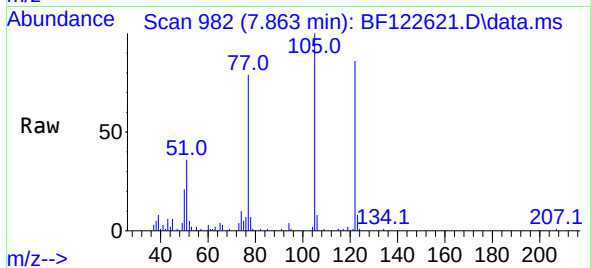




#32
Benzoic acid
Concen: 9.45 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.047 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

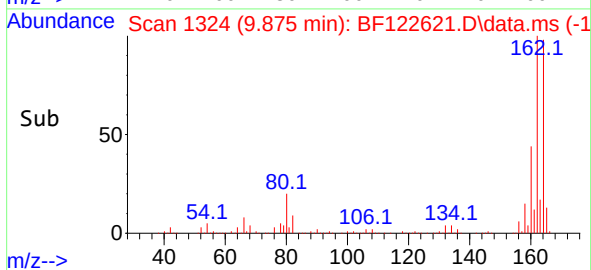
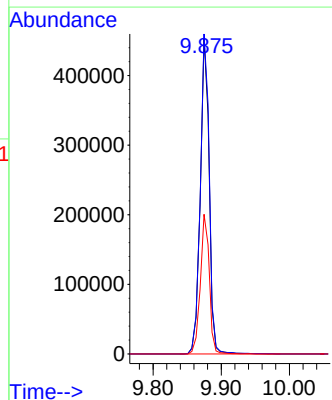
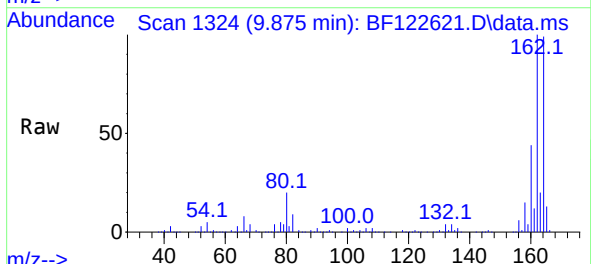
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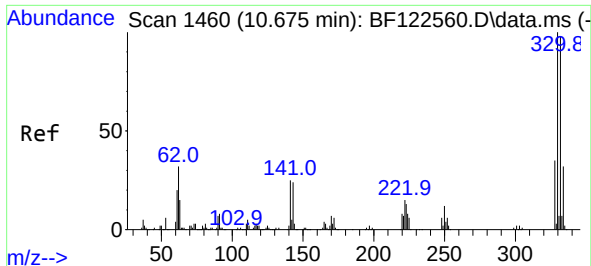
Tgt Ion:122 Resp: 81444
Ion Ratio Lower Upper
122 100
105 116.5 104.8 144.8
77 92.0 71.0 111.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

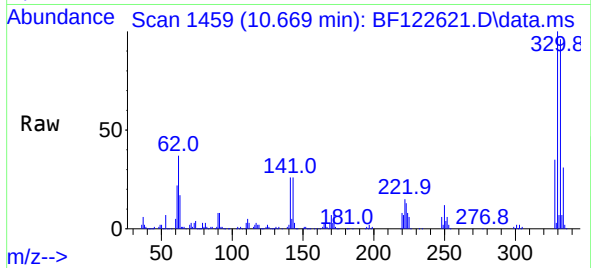
Tgt Ion:164 Resp: 410502
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 44.2 35.4 53.0



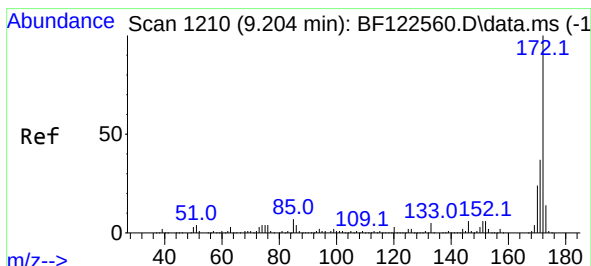
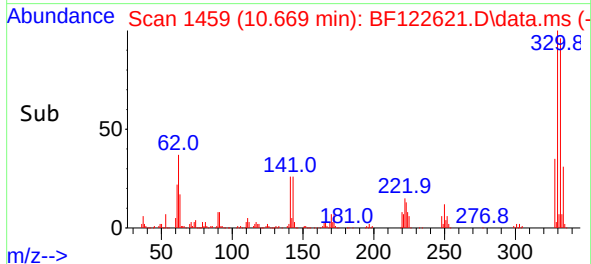
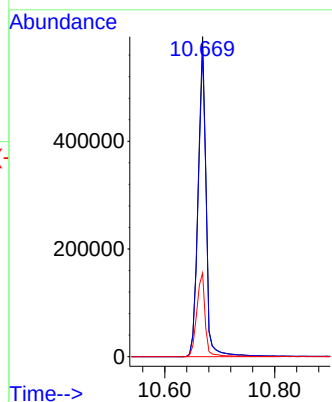


#42
2,4,6-Tribromophenol
Concen: 111.32 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

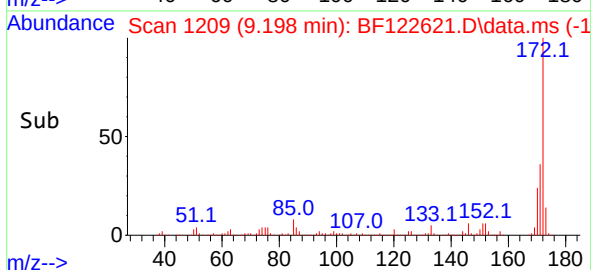
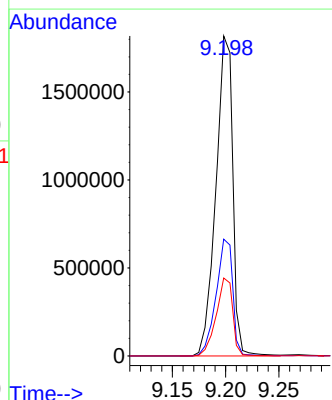
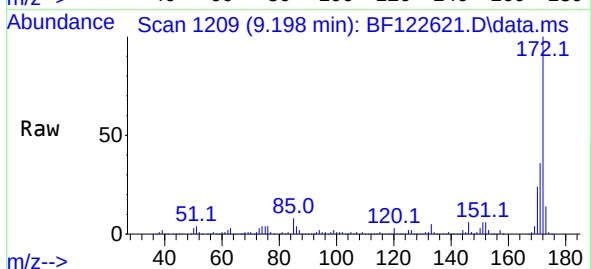


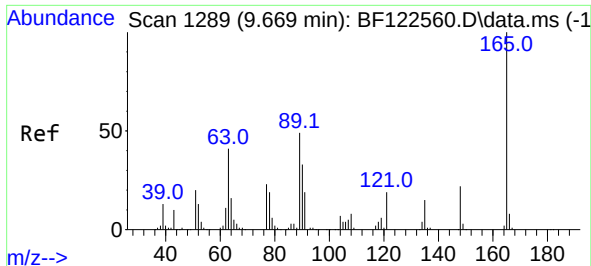
Tgt Ion:330 Resp: 598152
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 27.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 66.16 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

Tgt Ion:172 Resp: 2007941
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.3 19.5 29.3

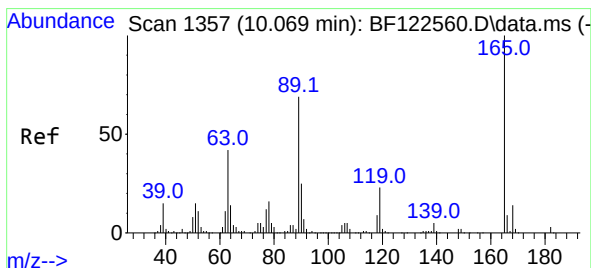
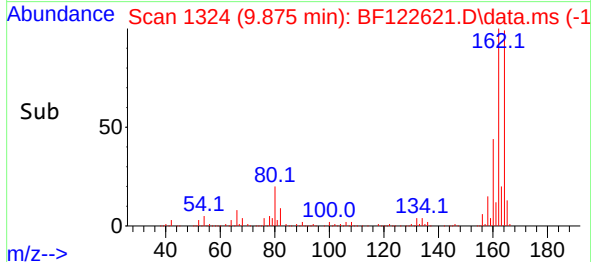
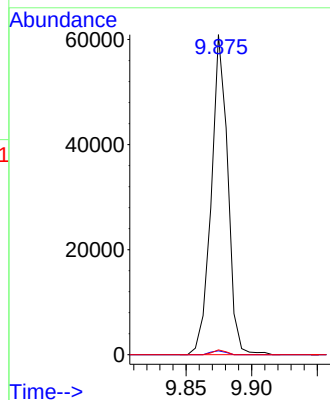
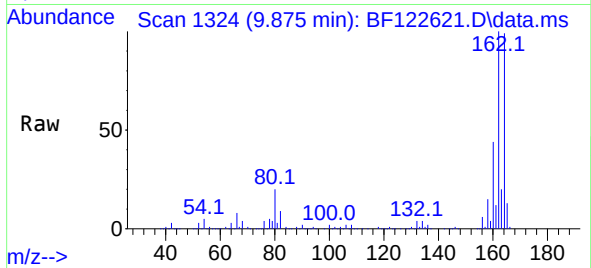




#51
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

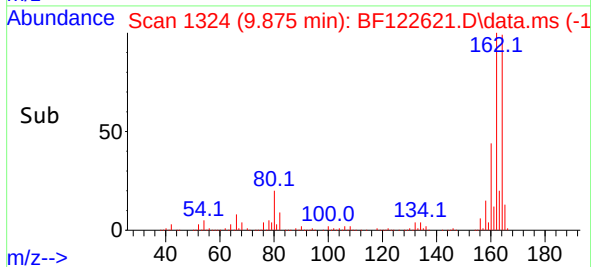
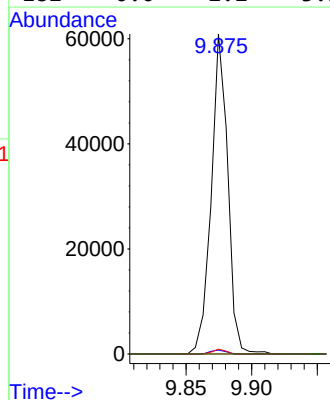
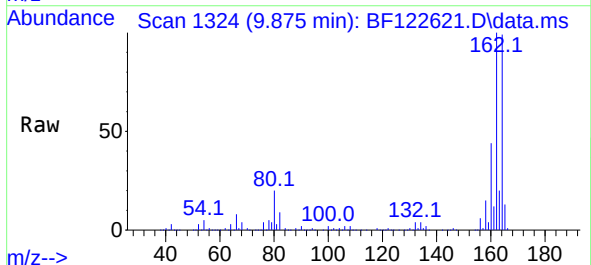
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

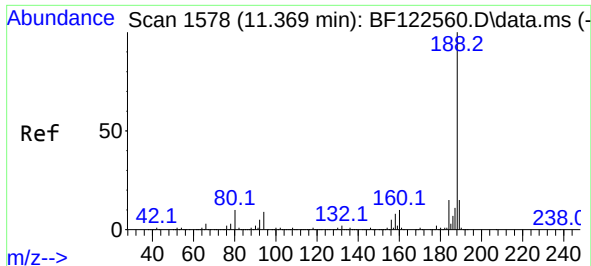
Tgt Ion:165 Resp: 53282
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.78 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

Tgt Ion:165 Resp: 53282
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



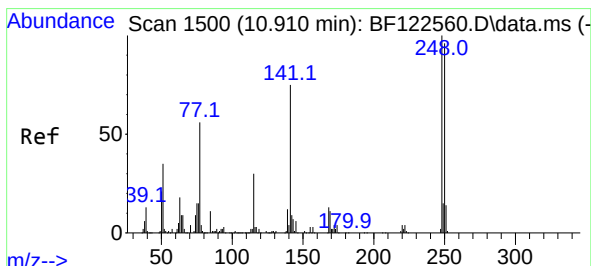
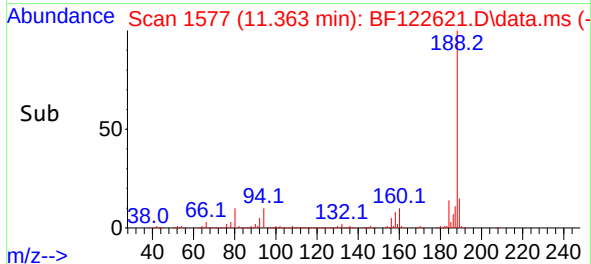
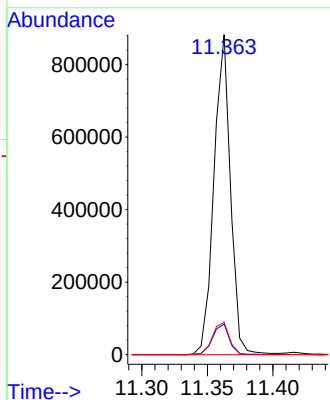
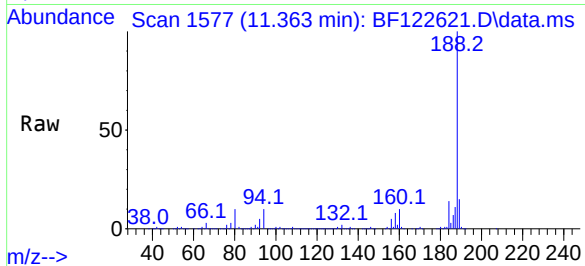


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

Tgt Ion:188 Resp: 770977

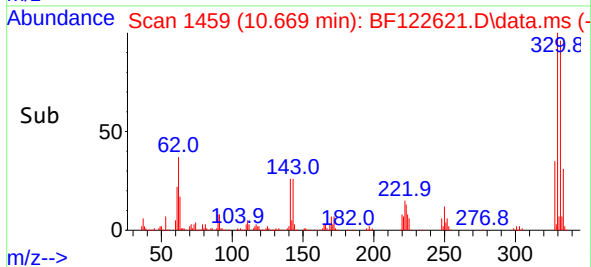
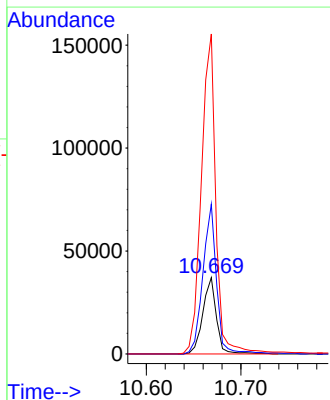
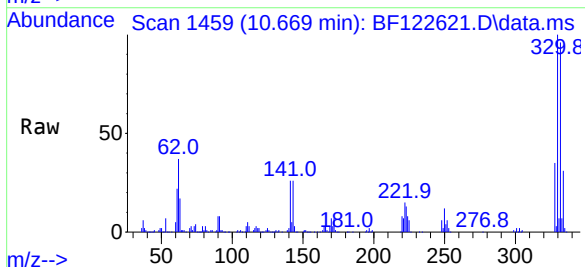
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.2	8.2	12.4

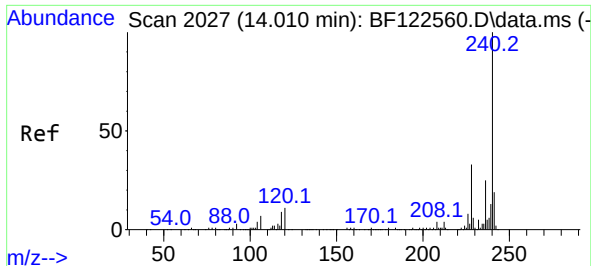


#67
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

Tgt Ion:248 Resp: 36989

Ion	Ratio	Lower	Upper
248	100		
250	196.1	76.8	115.2#
141	419.1	59.8	89.8#

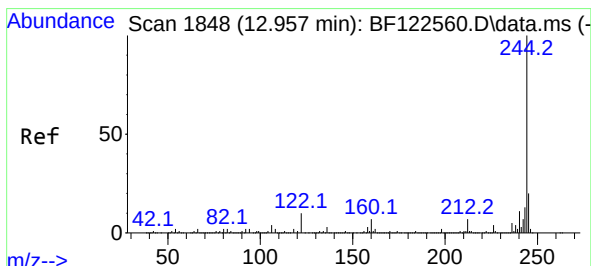
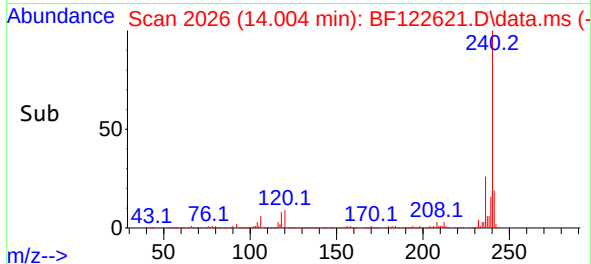
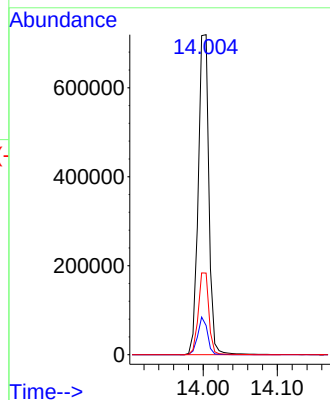
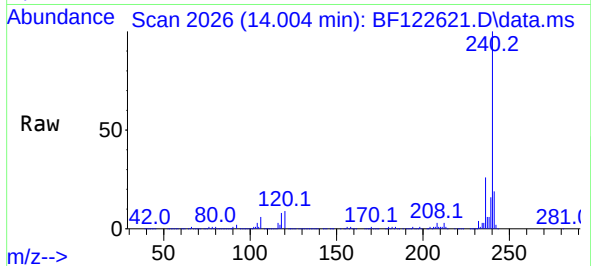




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

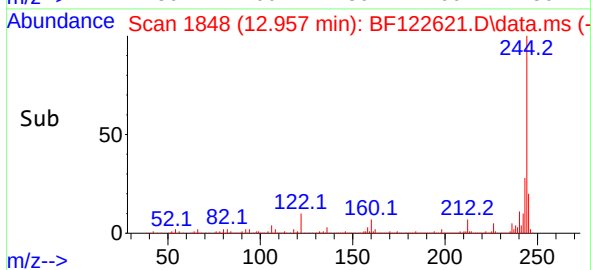
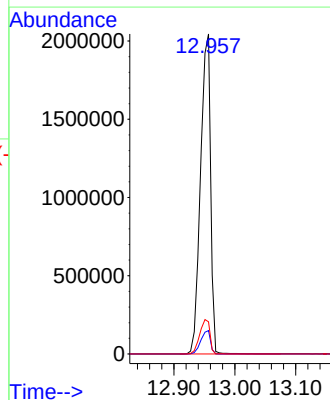
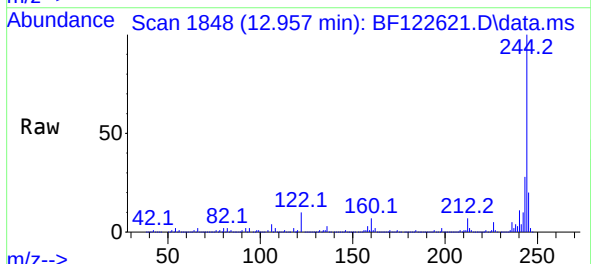
Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP

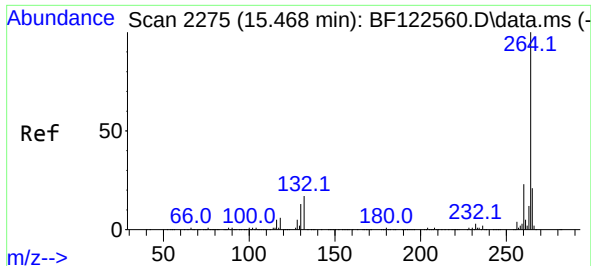
Tgt Ion:240 Resp: 712885
Ion Ratio Lower Upper
240 100
120 9.1 8.6 12.8
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 57.43 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

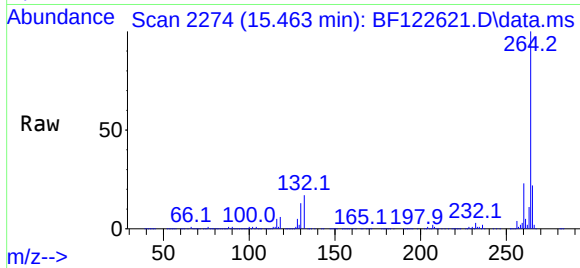
Tgt Ion:244 Resp: 2338948
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.1 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122621.D
Acq: 9 Dec 2020 20:52

Instrument :
BNA_F
ClientSampleId :
TR3-A-D-COMP



Tgt Ion:264 Resp: 615108
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.6 17.0 25.6

