

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122627.D
 Acq On : 10 Dec 2020 00:01
 Operator : JU/CG
 Sample : L4971-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5S1-A-D-COMP

Quant Time: Dec 10 02:53:05 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)

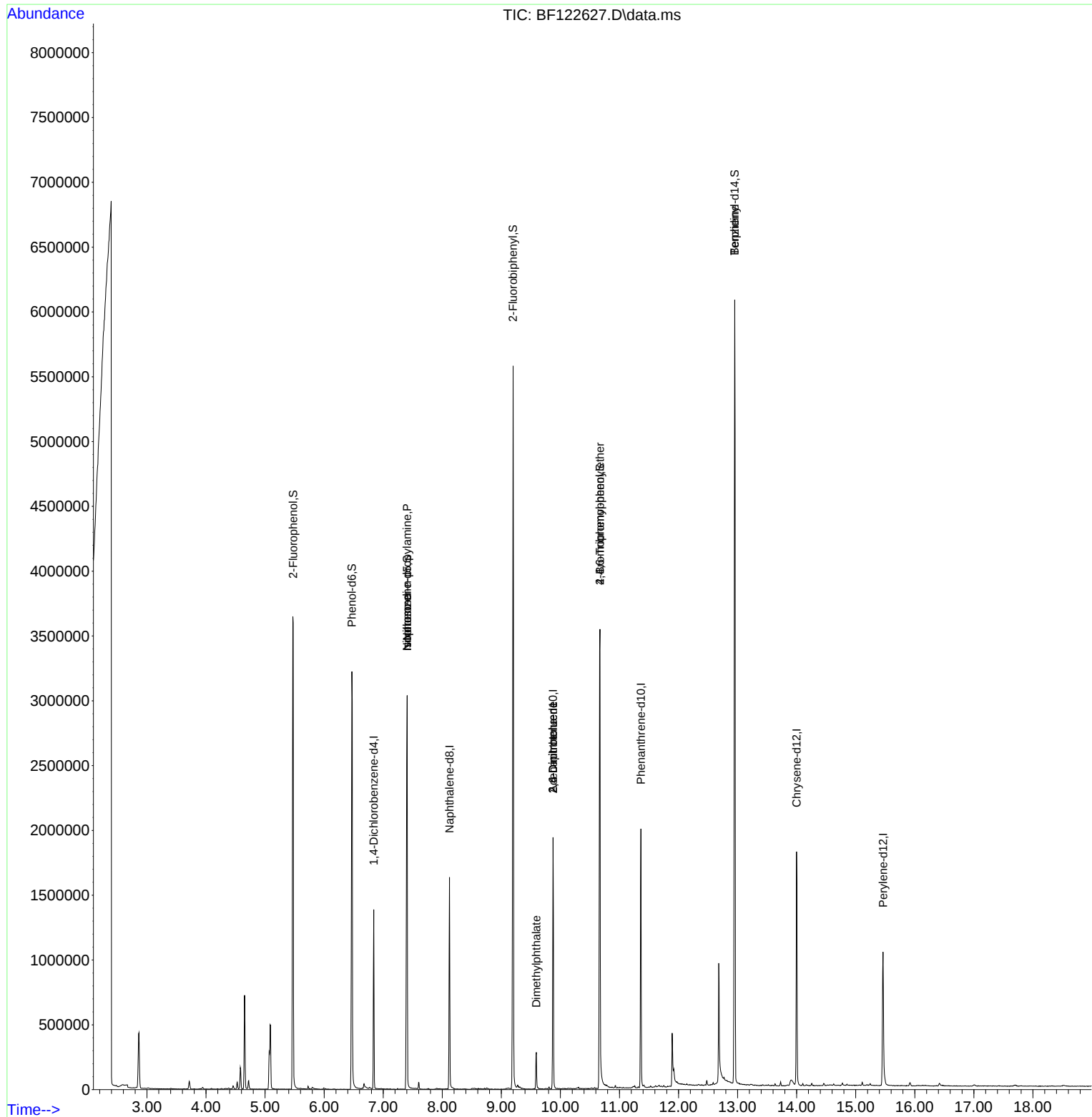
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	184905	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	727996	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	395055	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	728026	20.00	ng	0.00
76) Chrysene-d12	13.998	240	658157	20.00	ng	-0.01
86) Perylene-d12	15.463	264	541877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1208302	103.45	ng	0.02
7) Phenol-d6	6.469	99	1344805	86.82	ng	-0.01
23) Nitrobenzene-d5	7.404	82	1076397	74.08	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	585022	113.13	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1882398	64.45	ng	0.00
79) Terphenyl-d14	12.951	244	2276004	60.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	143634	16.19	ng	Qvalue
25) Isophorone	7.404	82	1063217	42.48	ng	# 77
50) Dimethylphthalate	9.592	163	134839	4.27	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	51072	7.66	ng	# 99
57) 2,4-Dinitrotoluene	9.875	165	51072	5.75	ng	# 31
67) 4-Bromophenyl-phenylether	10.669	248	36135	3.66	ng	# 25
77) Benzidine	12.951	184	29483	2.07	ng	# 1

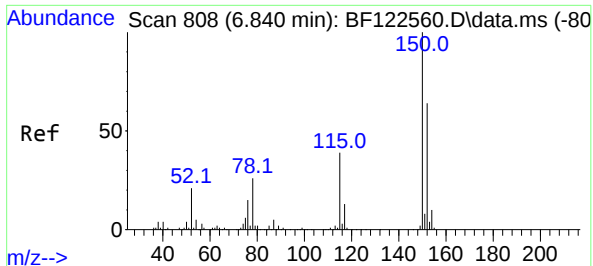
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 07 12:08:49 2020
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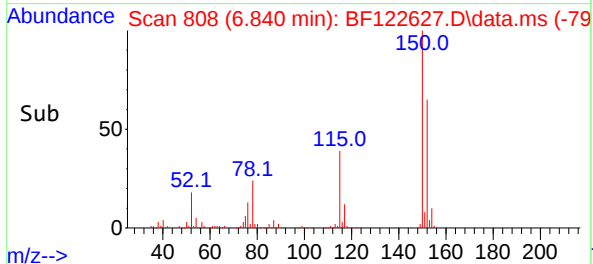
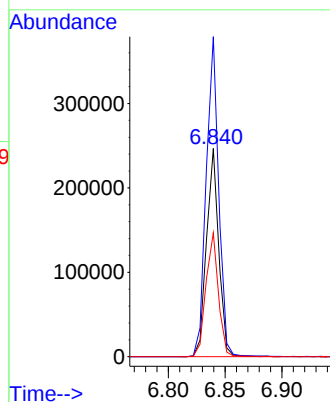
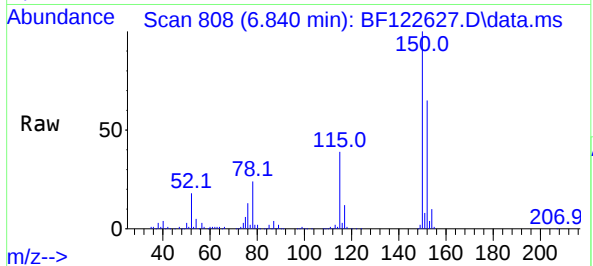




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

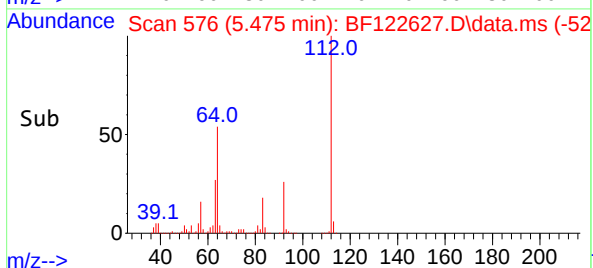
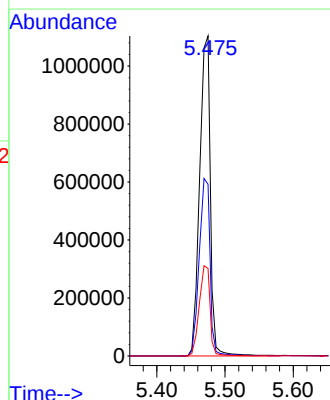
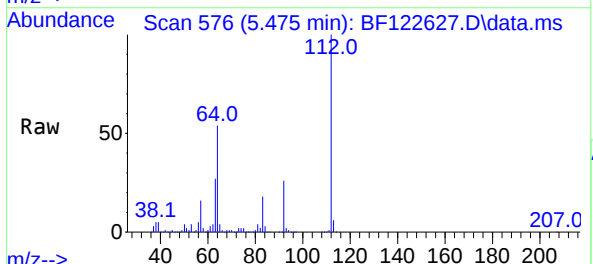
Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP

Tgt Ion:152 Resp: 184905
Ion Ratio Lower Upper
152 100
150 153.7 125.8 188.6
115 59.5 49.3 73.9



#5
2-Fluorophenol
Concen: 103.45 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

Tgt Ion:112 Resp: 1208302
Ion Ratio Lower Upper
112 100
64 53.6 46.9 70.3
63 27.3 24.5 36.7



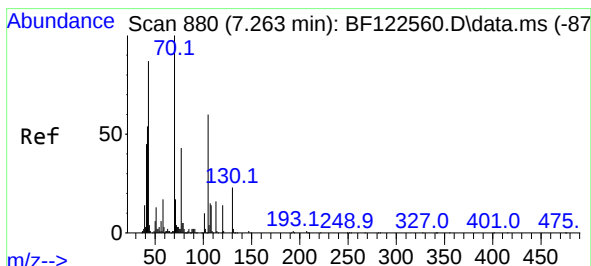
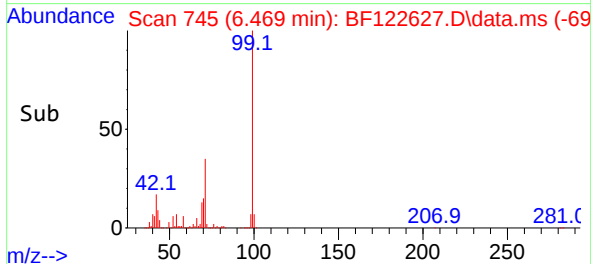
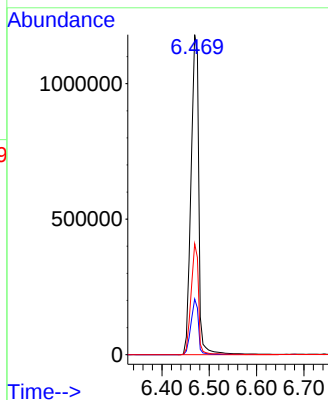
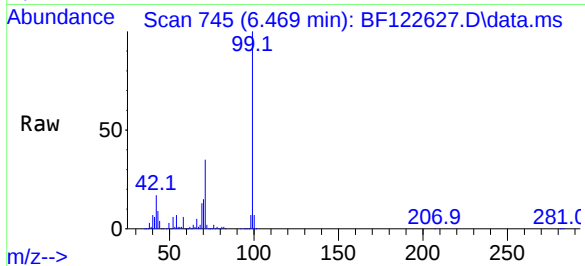


#7
Phenol-d6
Concen: 86.82 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP

Tgt Ion: 99 Resp: 1344805

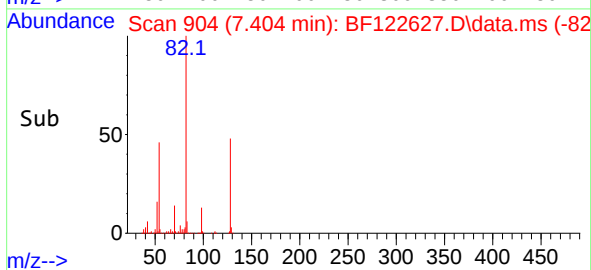
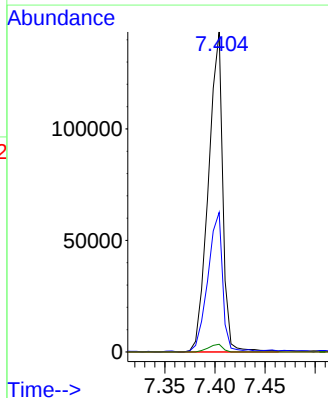
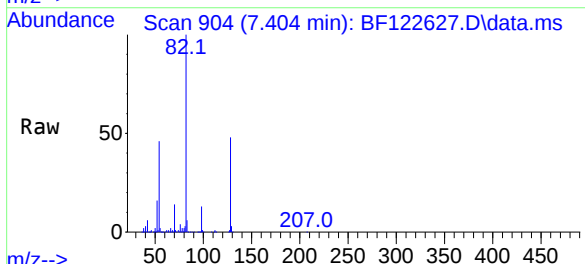
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.6
71	34.6	26.9	40.3

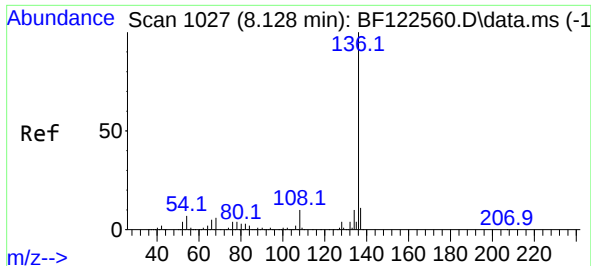


#19
n-Nitroso-di-n-propylamine
Concen: 16.19 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

Tgt Ion: 70 Resp: 143634

Ion	Ratio	Lower	Upper
70	100		
42	43.6	43.0	64.4
101	0.0	7.9	11.9#
130	2.4	18.5	27.7#

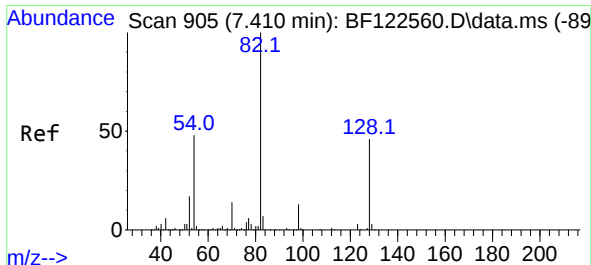
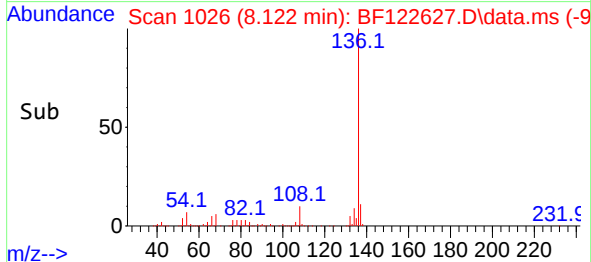
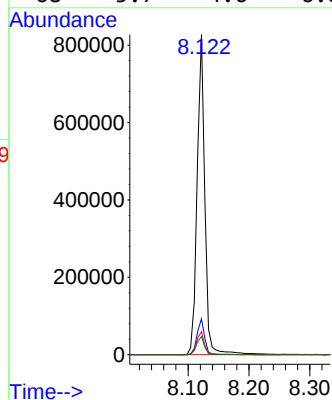
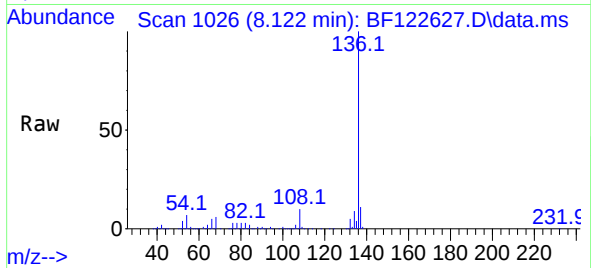




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

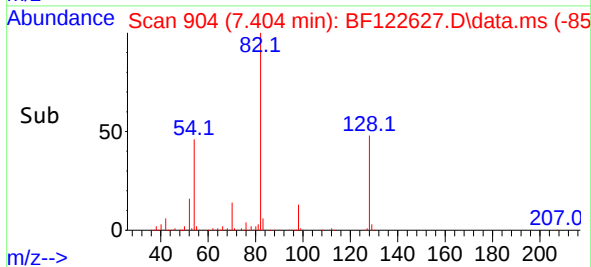
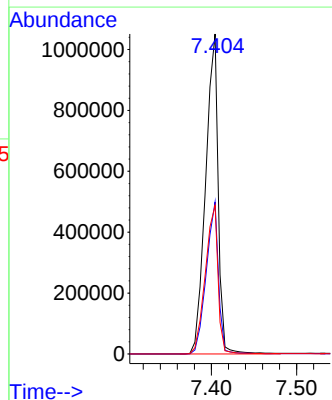
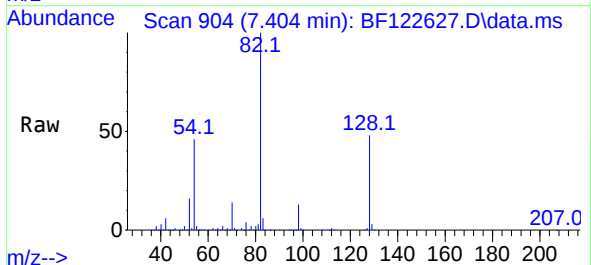
Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP

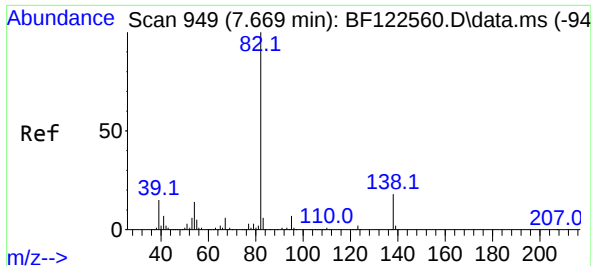
Tgt	Ion:136	Resp:	727996
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.2	5.5	8.3
68	5.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 74.08 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

Tgt Ion: 82		Resp: 1076397	
Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.0	55.4
54	46.5	38.4	57.6

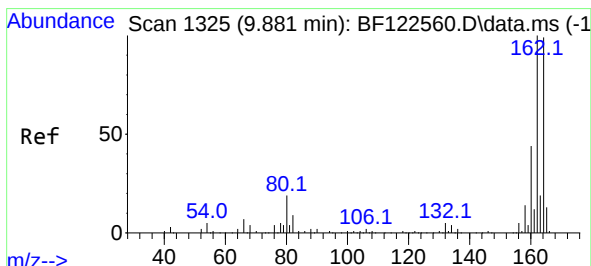
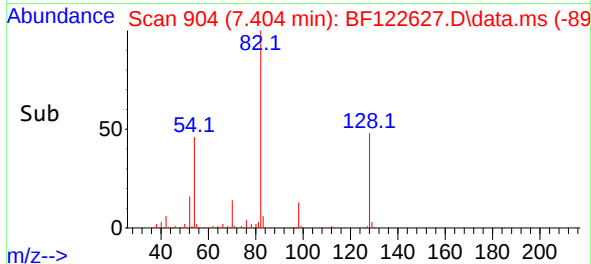
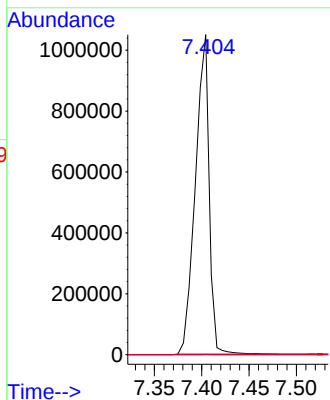
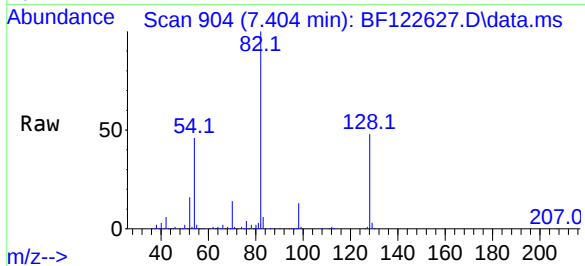




#25
Isophorone
Concen: 42.48 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

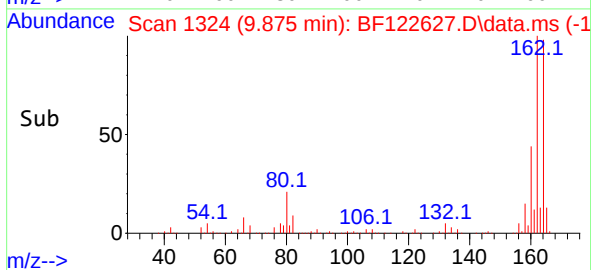
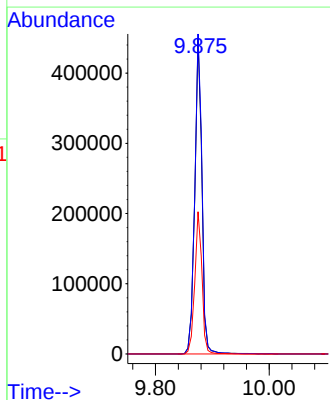
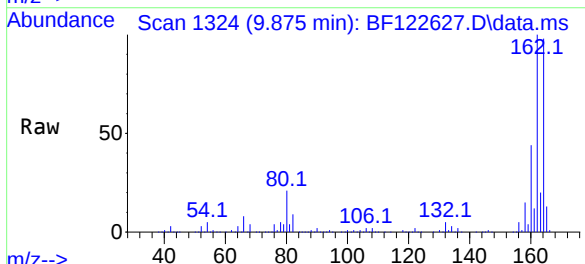
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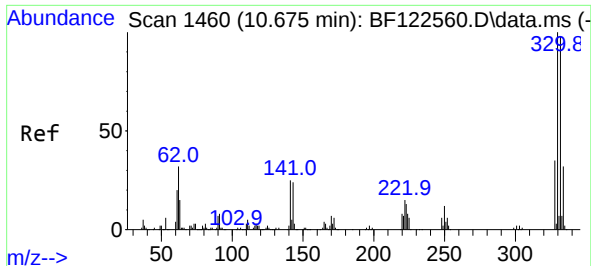
Tgt Ion: 82 Resp: 1063217
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

Tgt Ion: 164 Resp: 395055
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 45.1 35.4 53.0

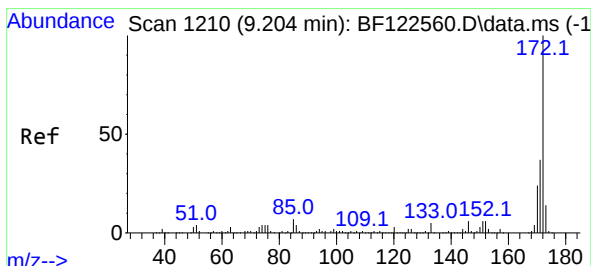
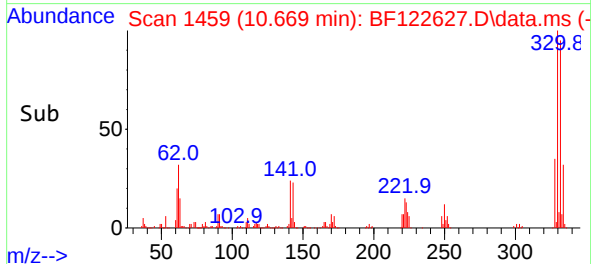
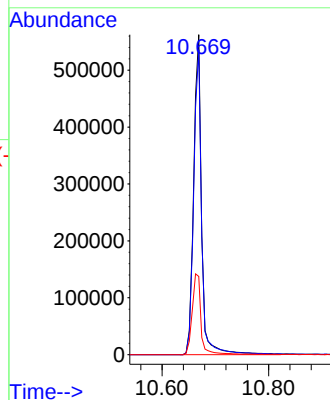
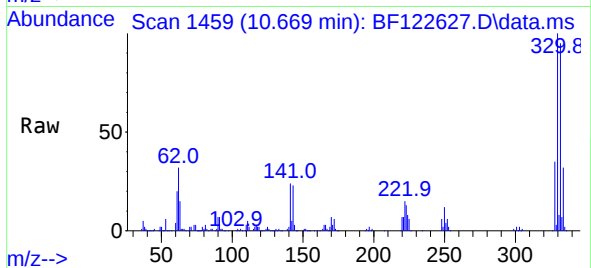




#42
2,4,6-Tribromophenol
Concen: 113.13 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

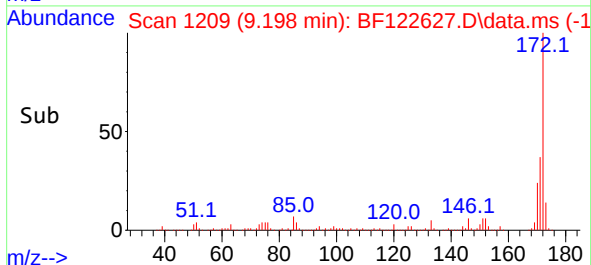
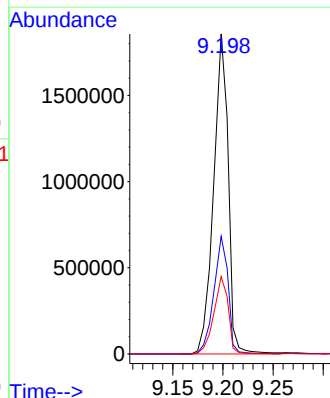
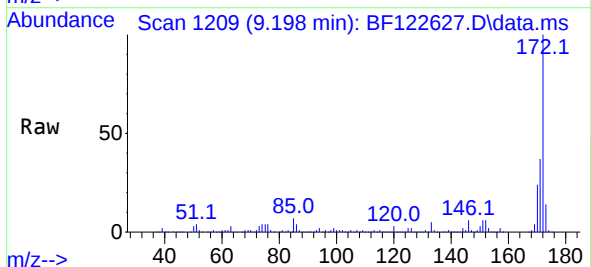
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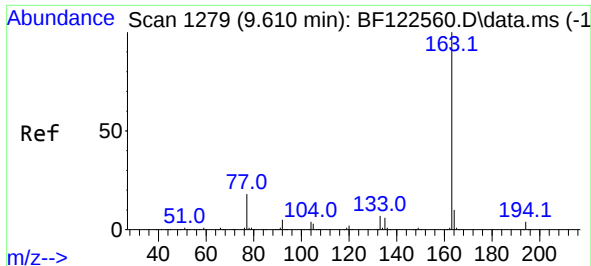
Tgt Ion:330 Resp: 585022
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 28.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 64.45 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

Tgt Ion:172 Resp: 1882398
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 19.5 29.3

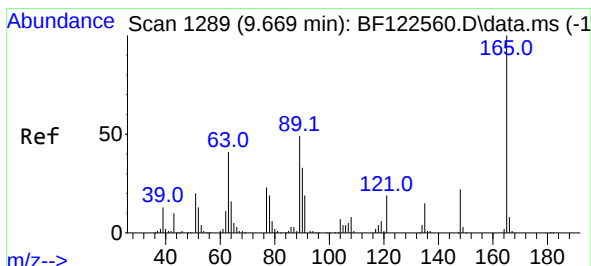
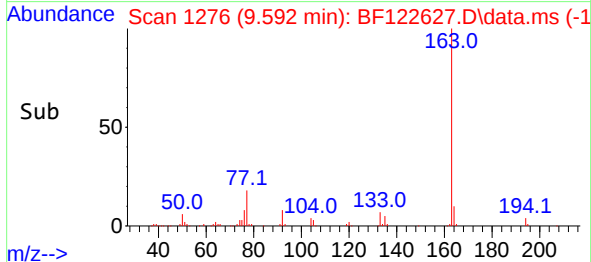
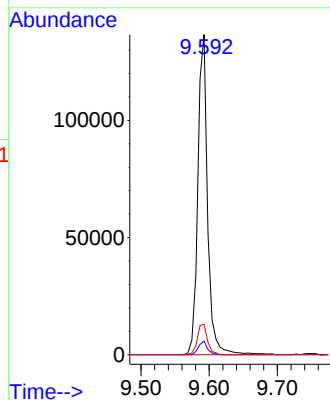
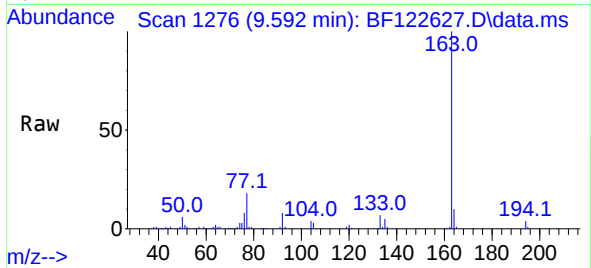




#50
Dimethylphthalate
Concen: 4.27 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

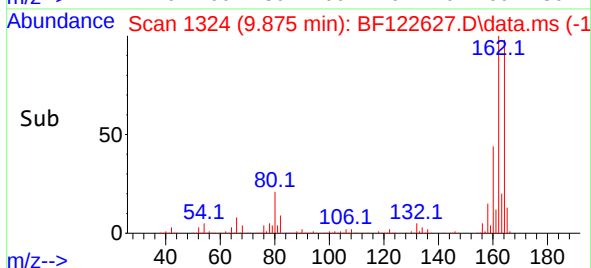
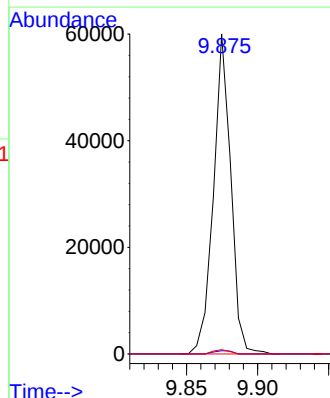
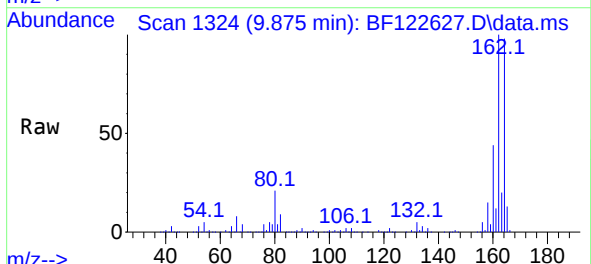
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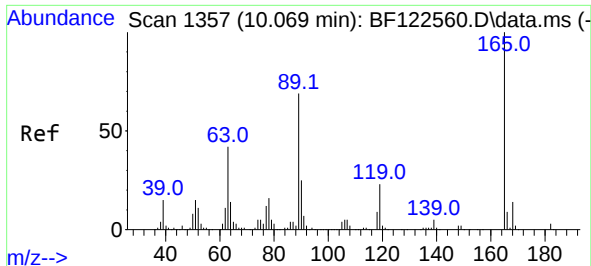
Tgt Ion:163 Resp: 134839
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.5 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

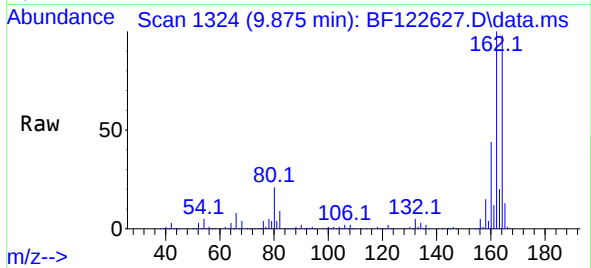
Tgt Ion:165 Resp: 51072
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.3 39.4 59.0#





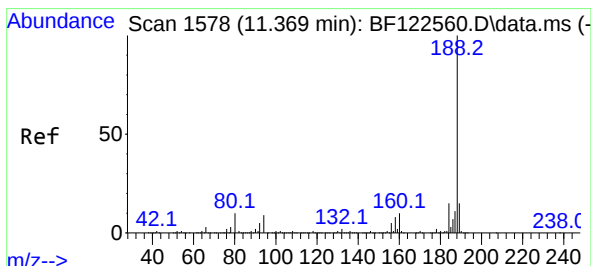
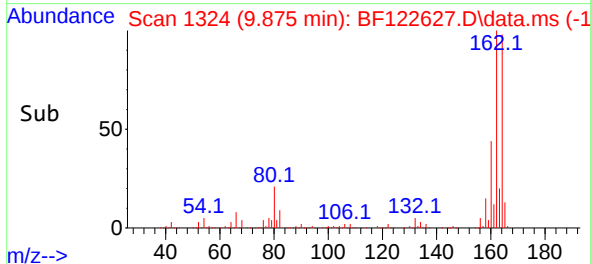
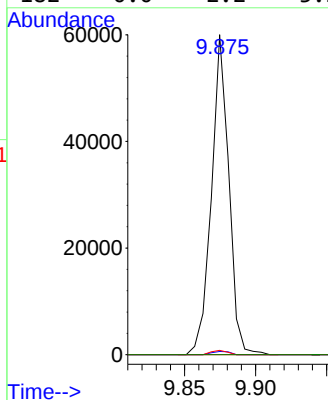
#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP



Tgt Ion:165 Resp: 51072

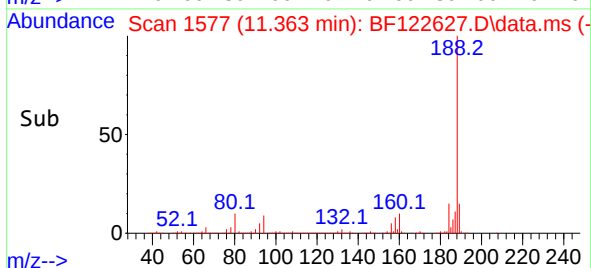
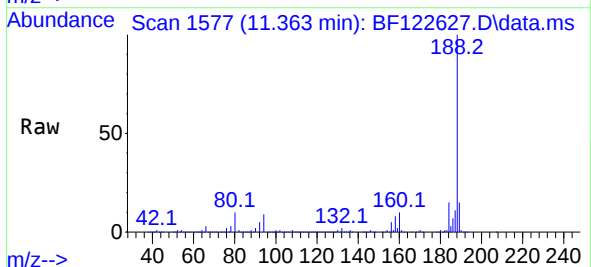
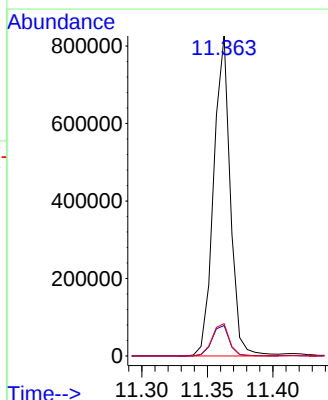
Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#

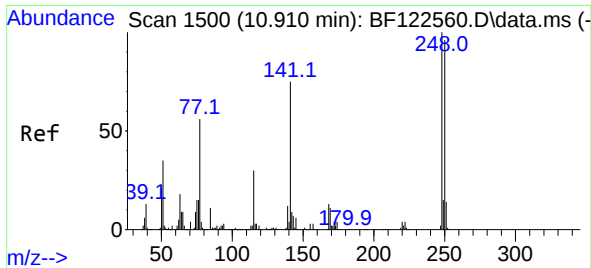


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

Tgt Ion:188 Resp: 728026

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	10.1	8.2	12.4

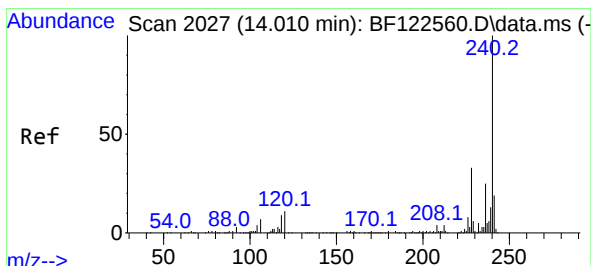
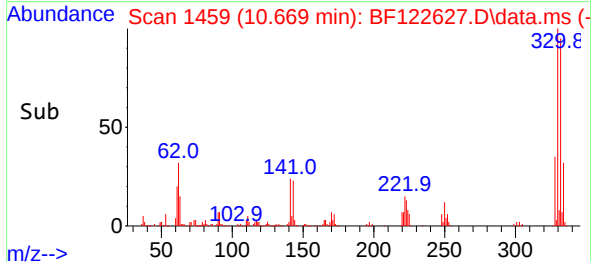
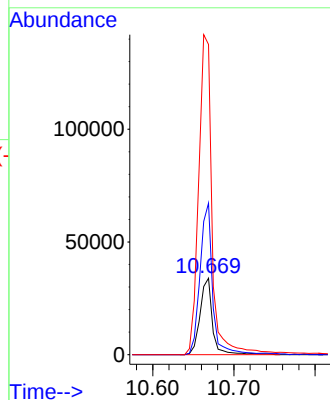
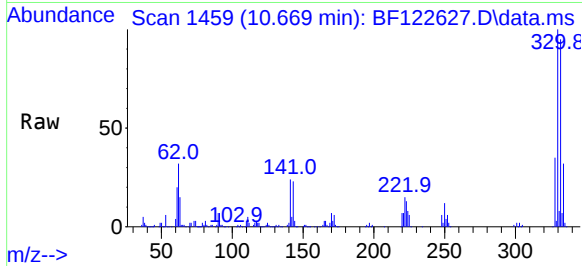




#67
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

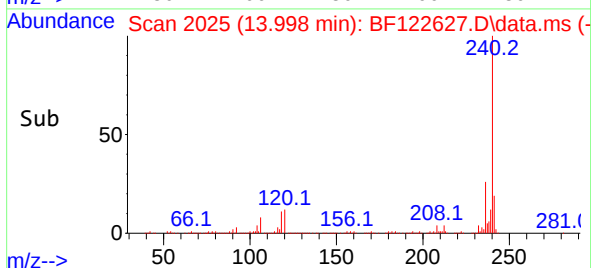
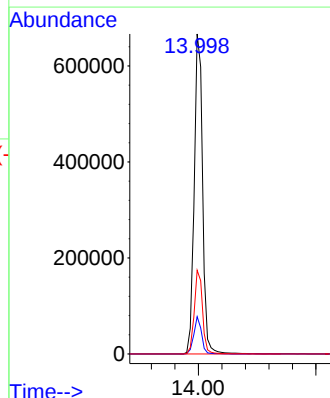
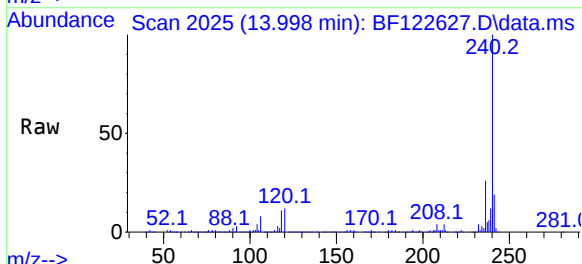
Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP

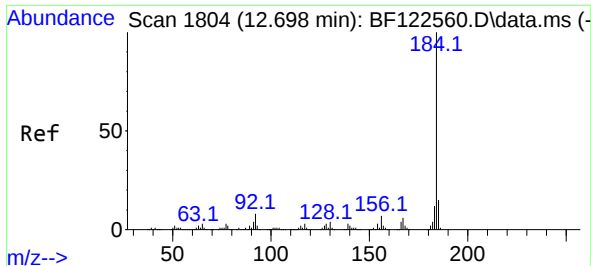
Tgt Ion:248 Resp: 36135
Ion Ratio Lower Upper
248 100
250 198.2 76.8 115.2#
141 405.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

Tgt Ion:240 Resp: 658157
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 26.1 20.3 30.5

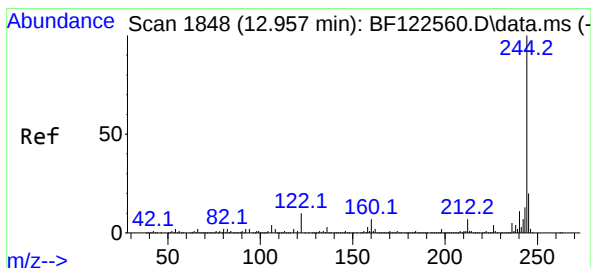
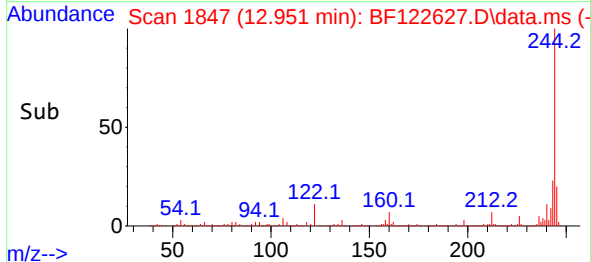
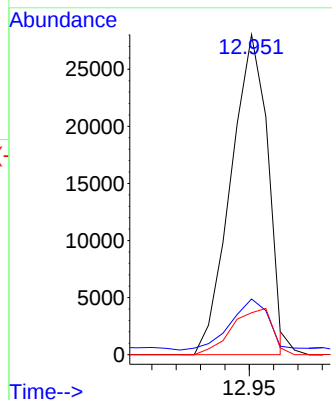
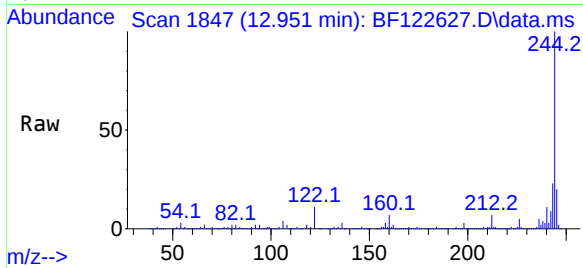




#77
Benzidine
Concen: 2.07 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

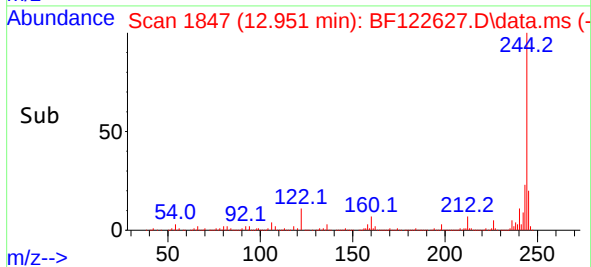
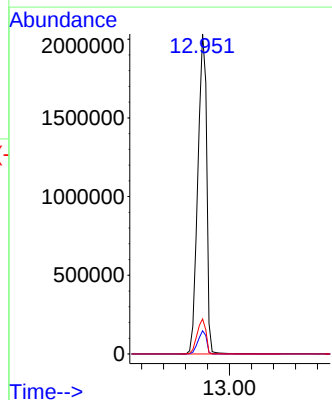
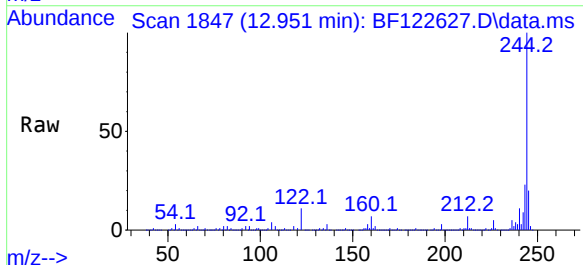
Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP

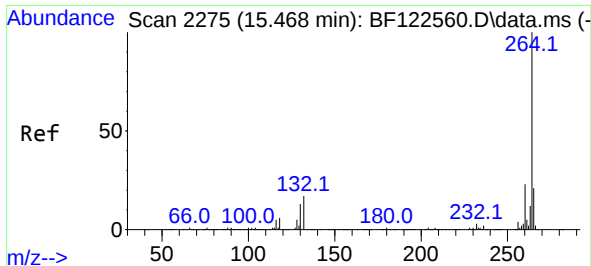
Tgt Ion:184 Resp: 29483
Ion Ratio Lower Upper
184 100
185 17.4 11.8 17.6
183 13.1 9.7 14.5



#79
Terphenyl-d14
Concen: 60.53 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122627.D
Acq: 10 Dec 2020 00:01

Tgt Ion:244 Resp: 2276004
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.0 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: BF122627.D
 Acq: 10 Dec 2020 00:01

Instrument :
 BNA_F
 ClientSampleId :
 5S1-A-D-COMP

Tgt Ion:264 Resp: 541877
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.5 17.0 25.6

