

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122598.D
 Acq On : 8 Dec 2020 20:21
 Operator : JU/CG
 Sample : L4966-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239995

Quant Time: Dec 09 01:12:30 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)

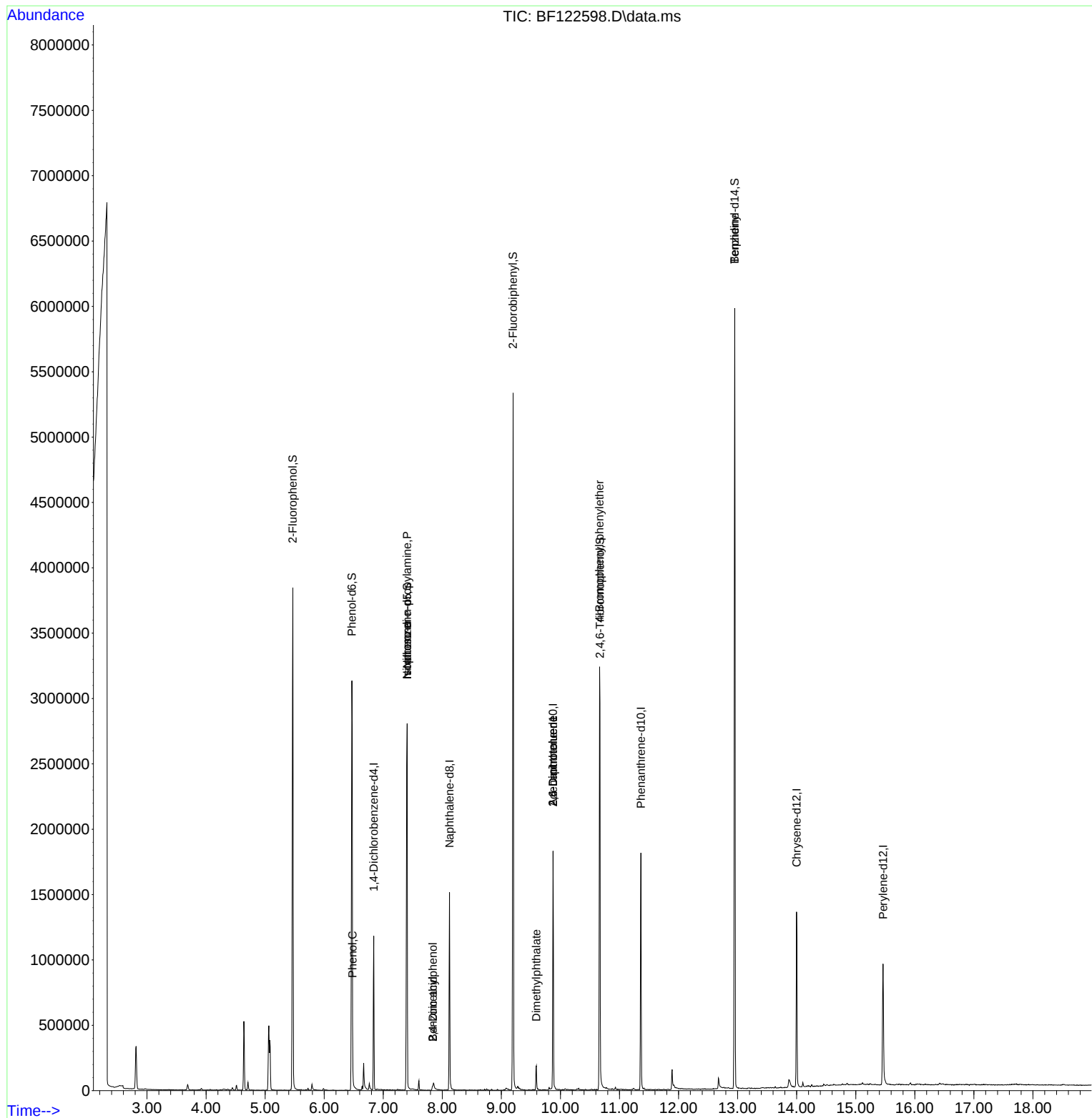
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	161511	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	638798	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	345617	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	646752	20.00	ng	0.00
76) Chrysene-d12	13.998	240	490564	20.00	ng	-0.01
86) Perylene-d12	15.462	264	461677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1140334	111.78	ng	0.01
7) Phenol-d6	6.469	99	1276359	94.33	ng	-0.01
23) Nitrobenzene-d5	7.404	82	980453	76.90	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	484772	107.16	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1696603	66.40	ng	0.00
79) Terphenyl-d14	12.951	244	2006594	71.60	ng	0.00
Target Compounds						
10) Phenol	6.481	94	36185	2.58	ng	Qvalue 97
19) n-Nitroso-di-n-propyla...	7.404	70	133723	17.25	ng	# 76
25) Isophorone	7.404	82	973930	44.35	ng	# 65
27) 2,4-Dimethylphenol	7.839	122	18198	2.01	ng	# 3
32) Benzoic acid	7.839	122	18198	2.52	ng	98
50) Dimethylphthalate	9.592	163	86545	3.14	ng	99
51) 2,6-Dinitrotoluene	9.874	165	43299	7.43	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	43299	5.58	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	30497	3.48	ng	# 1
77) Benzidine	12.951	184	26326	2.48	ng	# 92

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Dec 09 01:12:30 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

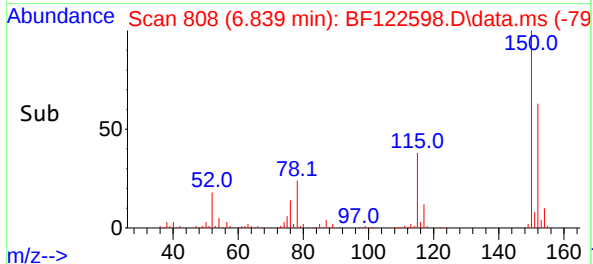
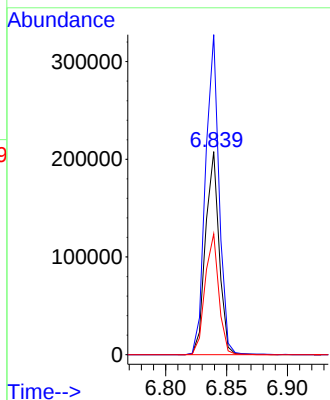
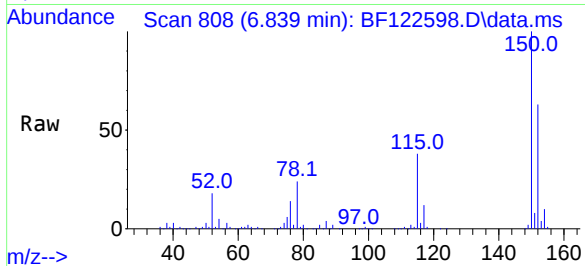




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

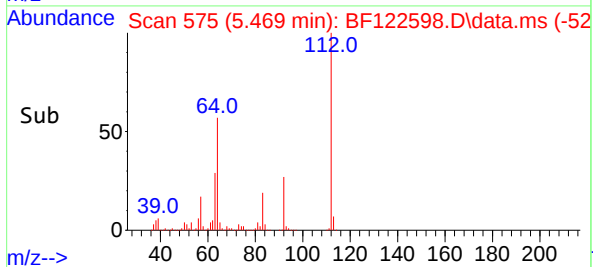
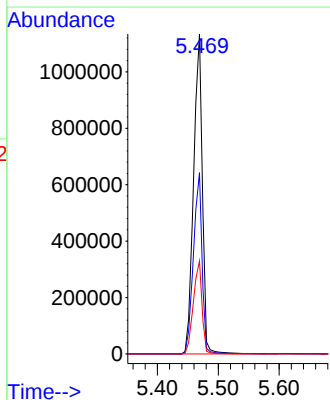
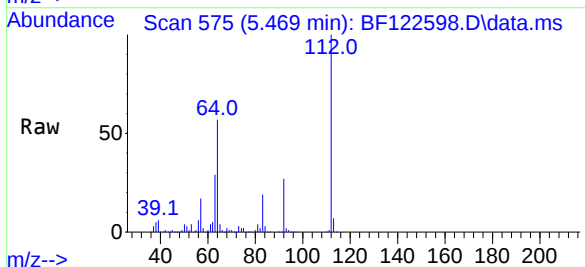
Instrument :
BNA_F
ClientSampleId :
239995

Tgt Ion:152 Resp: 161511
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.6
115 59.5 49.3 73.9



#5
2-Fluorophenol
Concen: 111.78 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

Tgt Ion:112 Resp: 1140334
Ion Ratio Lower Upper
112 100
64 56.6 46.9 70.3
63 29.1 24.5 36.7



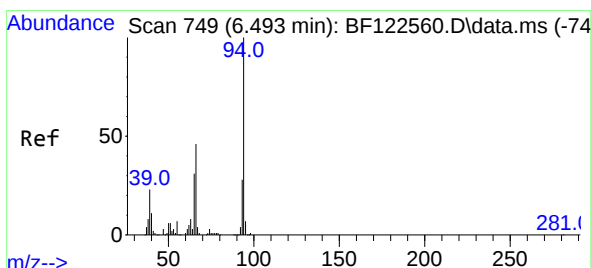
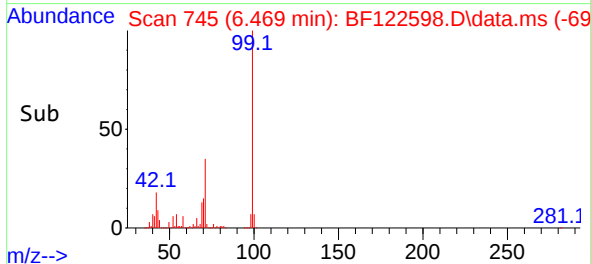
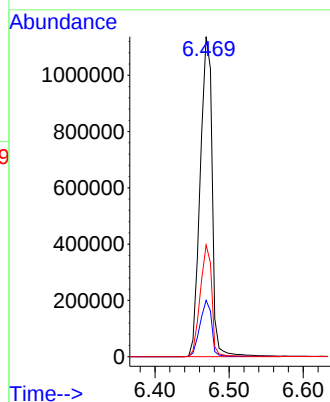
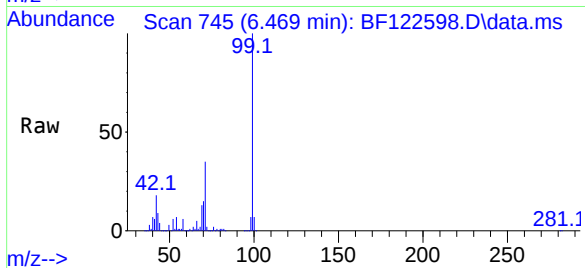


#7
Phenol-d6
Concen: 94.33 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

Instrument :
BNA_F
ClientSampleId :
239995

Tgt Ion: 99 Resp: 1276359

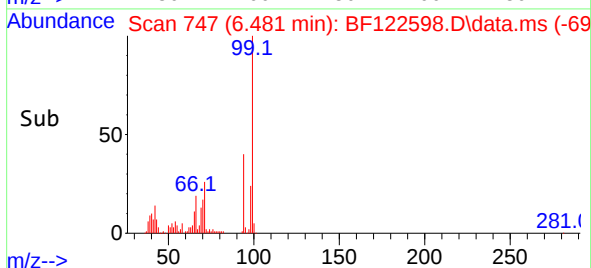
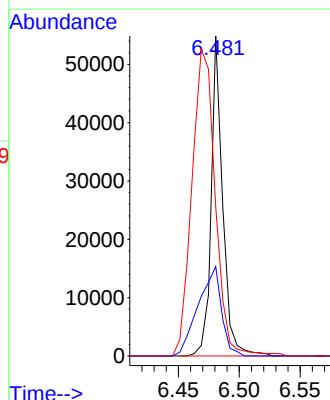
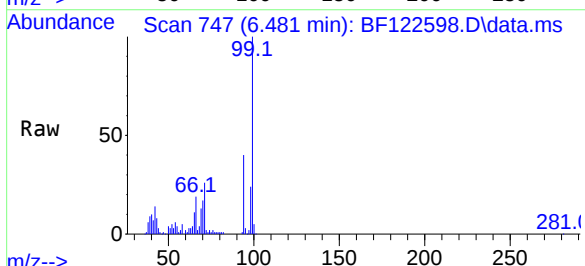
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.8	20.6
71	34.9	26.9	40.3

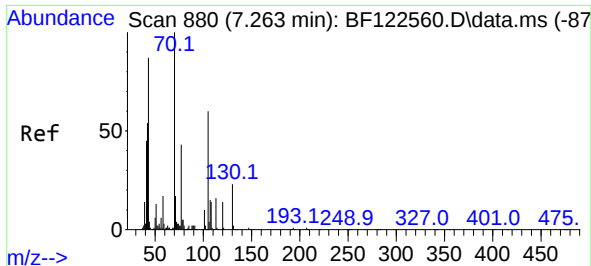


#10
Phenol
Concen: 2.58 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

Tgt Ion: 94 Resp: 36185

Ion	Ratio	Lower	Upper
94	100		
65	27.9	11.2	51.2
66	46.6	25.8	65.8

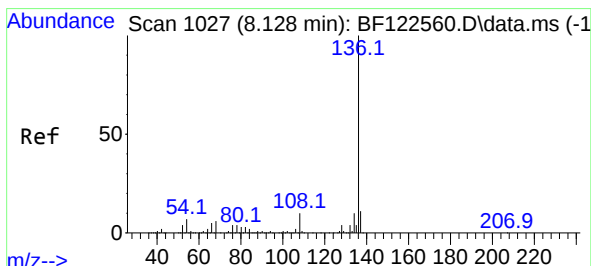
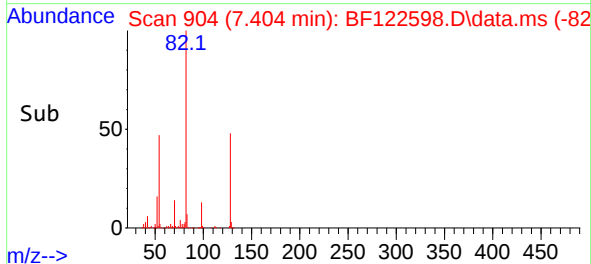
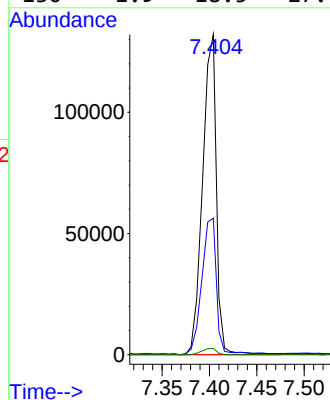
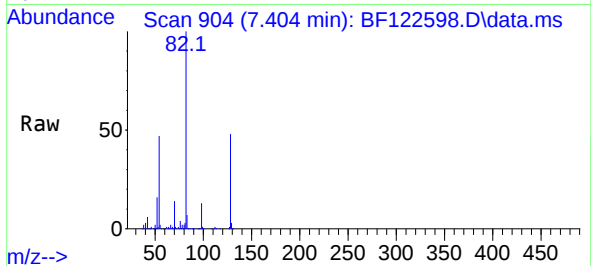




#19
n-Nitroso-di-n-propylamine
Concen: 17.25 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

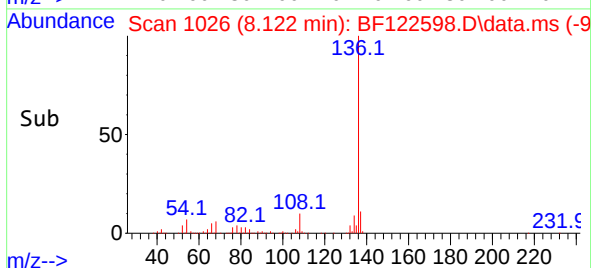
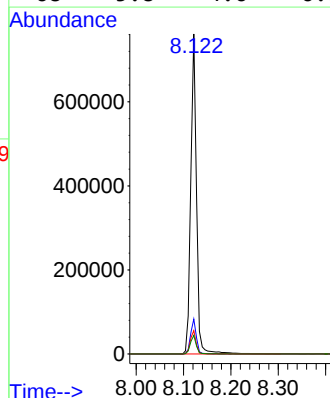
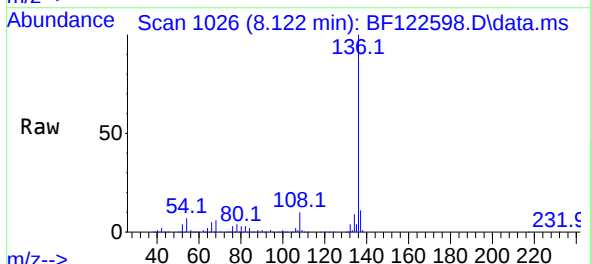
Instrument :
BNA_F
ClientSampleId :
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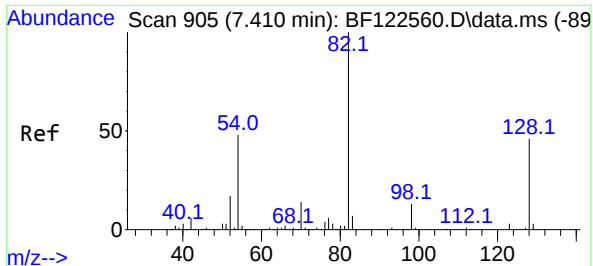
Tgt Ion: 70 Resp: 133723
Ion Ratio Lower Upper
70 100
42 42.7 43.0 64.4#
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

Tgt Ion:136 Resp: 638798
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 5.5 8.3
68 5.8 4.6 6.8

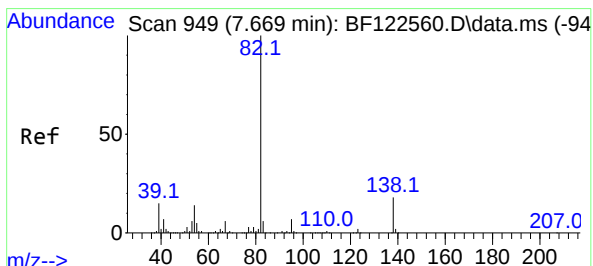
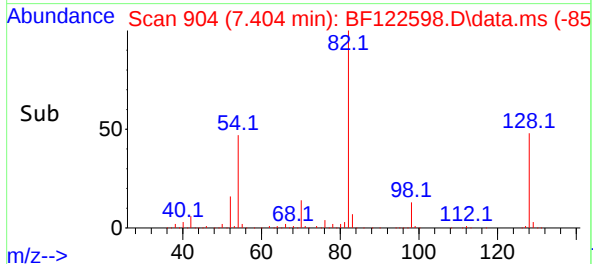
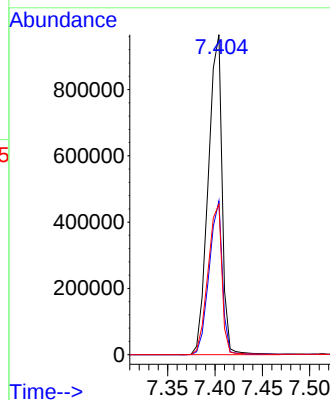
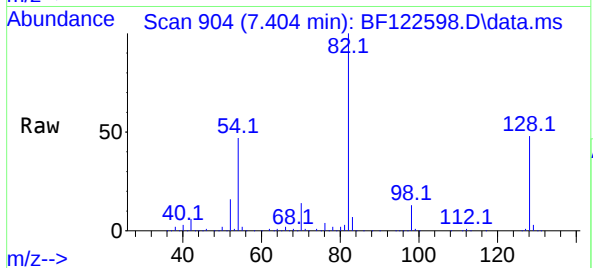




#23
Nitrobenzene-d5
Concen: 76.90 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

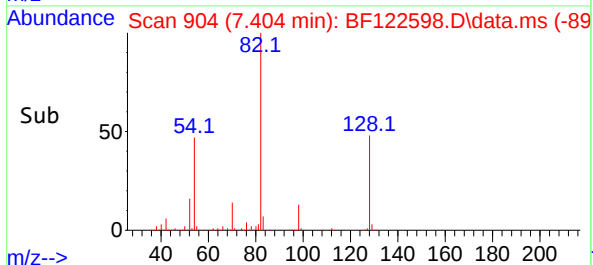
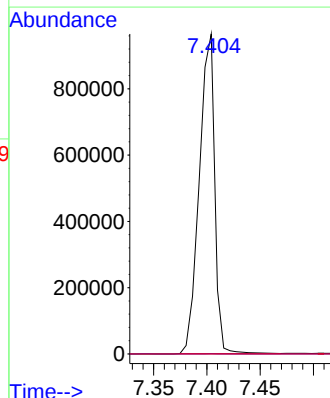
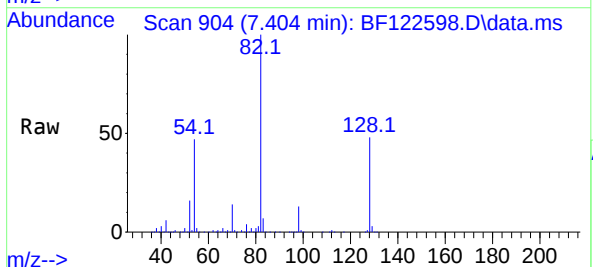
Instrument :
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ClientSampleId :
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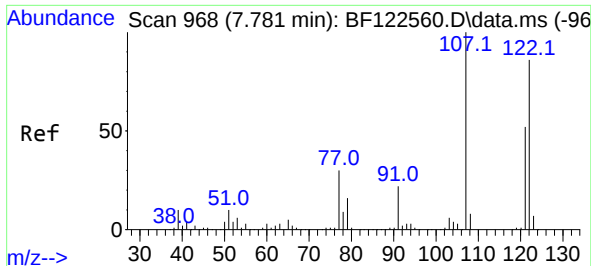
Tgt Ion: 82 Resp: 980453
Ion Ratio Lower Upper
82 100
128 48.1 37.0 55.4
54 47.0 38.4 57.6



#25
Isophorone
Concen: 44.35 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

Tgt Ion: 82 Resp: 973930
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

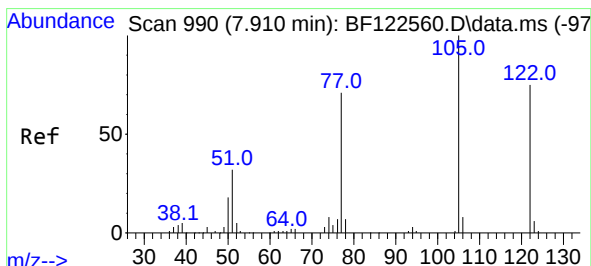
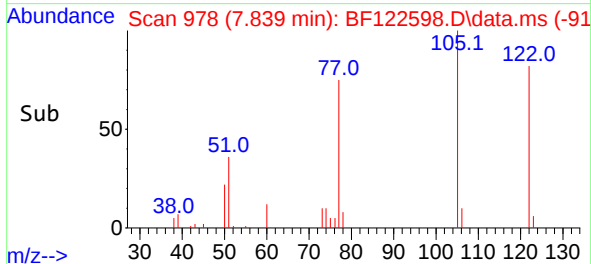
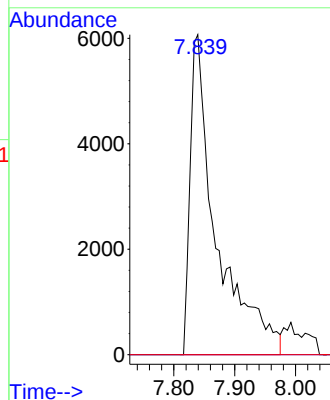
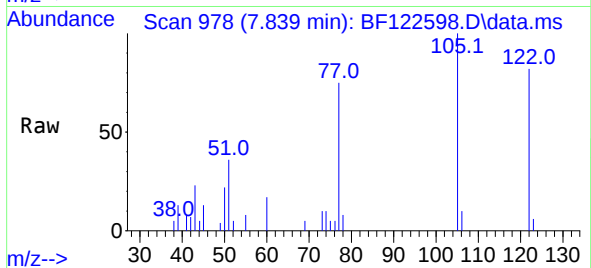




#27
2,4-Dimethylphenol
Concen: 2.01 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.059 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

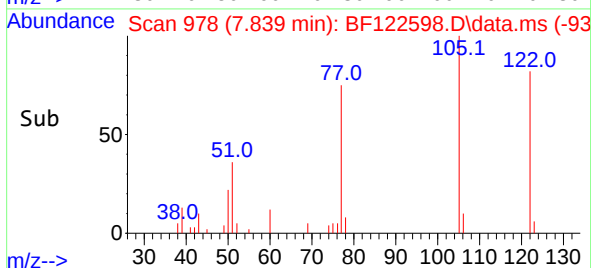
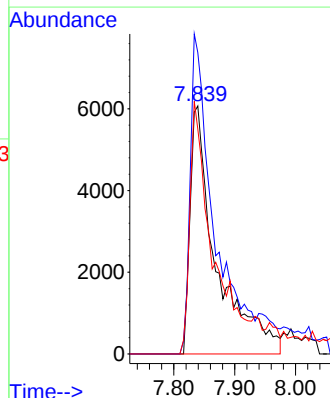
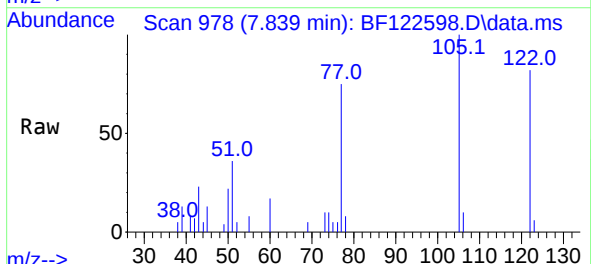
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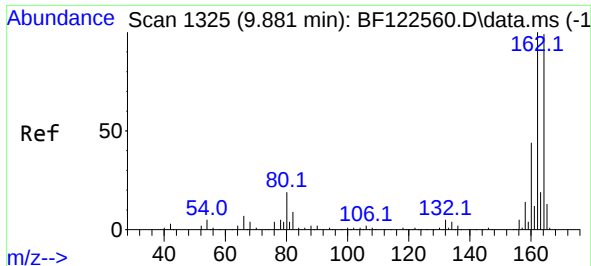
Tgt Ion:122 Resp: 18198
Ion Ratio Lower Upper
122 100
107 0.0 91.8 137.8#
121 0.0 47.3 70.9#



#32
Benzoic acid
Concen: 2.52 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.071 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

Tgt Ion:122 Resp: 18198
Ion Ratio Lower Upper
122 100
105 121.5 104.8 144.8
77 90.7 71.0 111.0

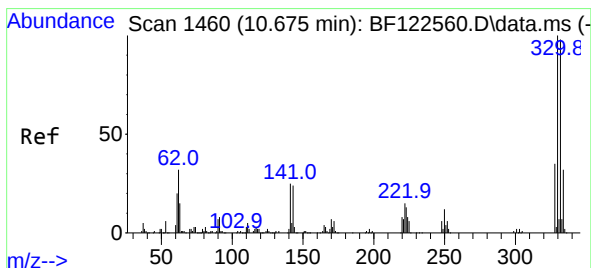
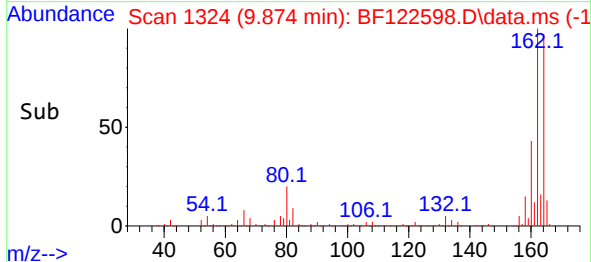
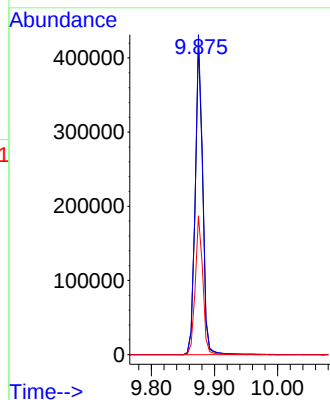
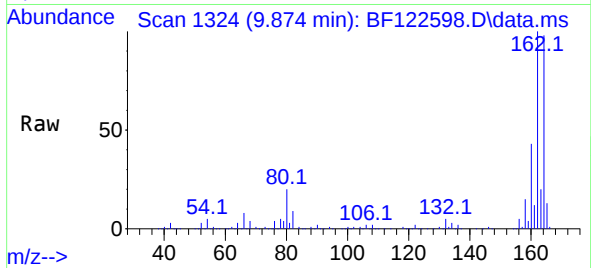




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

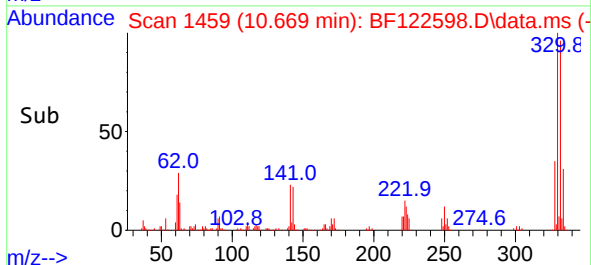
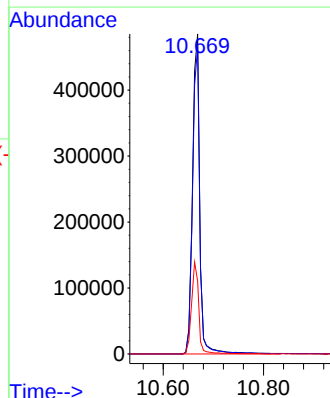
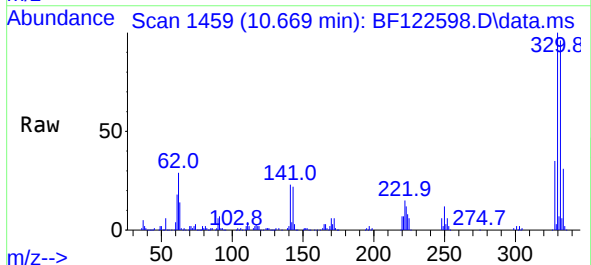
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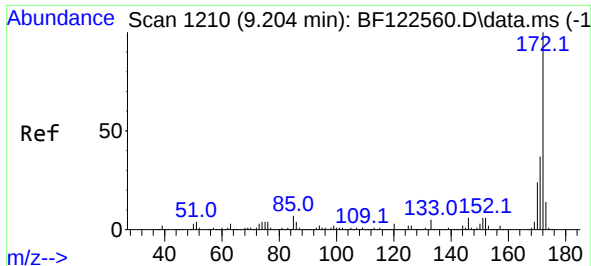
Tgt Ion:164 Resp: 345617
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 107.16 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

Tgt Ion:330 Resp: 484772
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 28.8 23.8 35.8

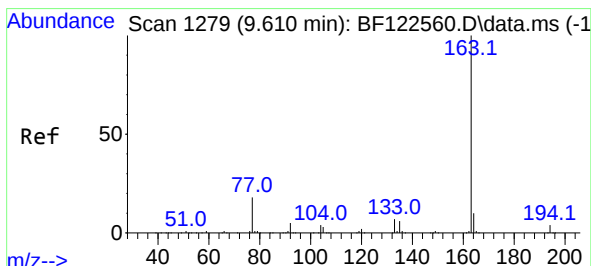
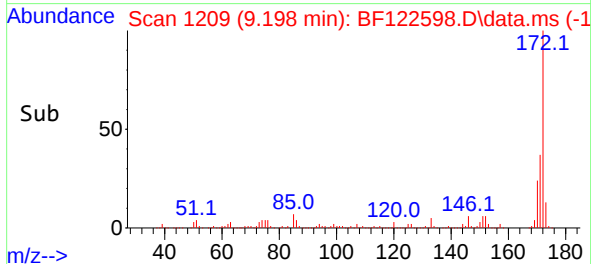
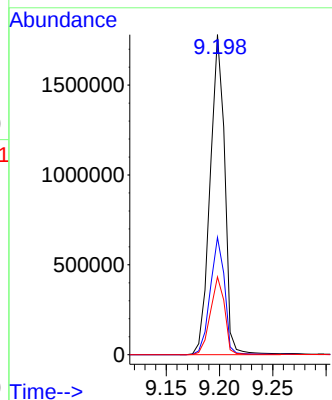
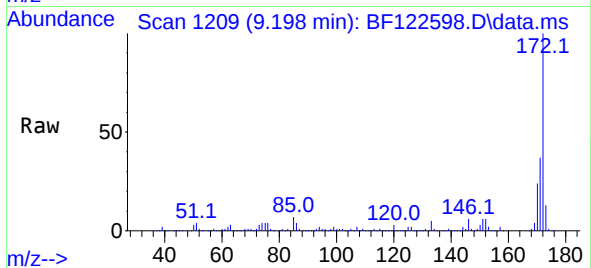




#45
2-Fluorobiphenyl
Concen: 66.40 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

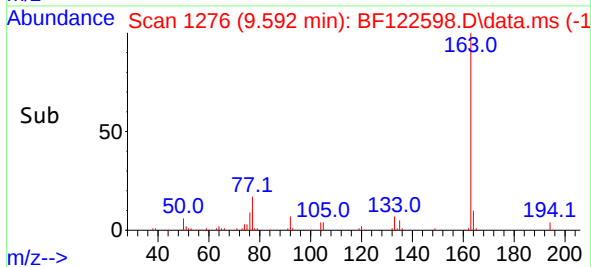
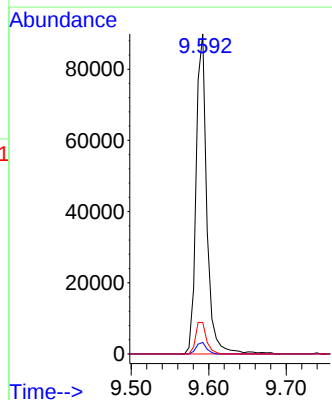
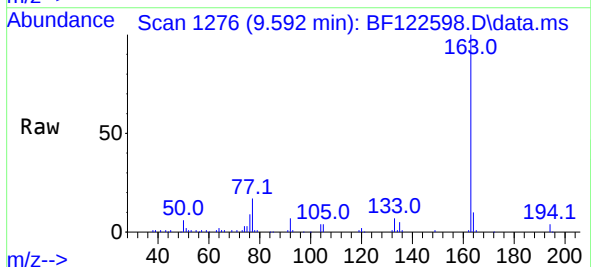
Instrument :
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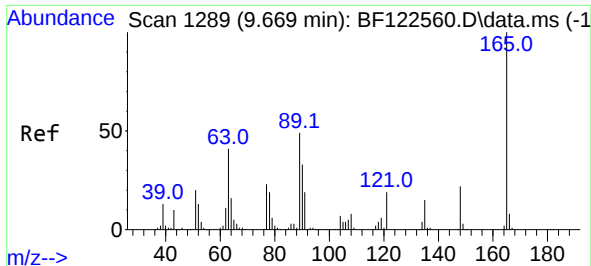
Tgt Ion:172 Resp: 1696603
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 3.14 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

Tgt Ion:163 Resp: 86545
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 9.8 8.1 12.1

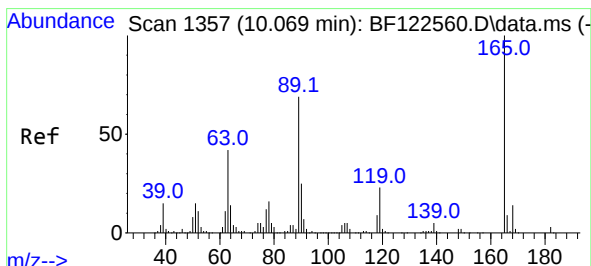
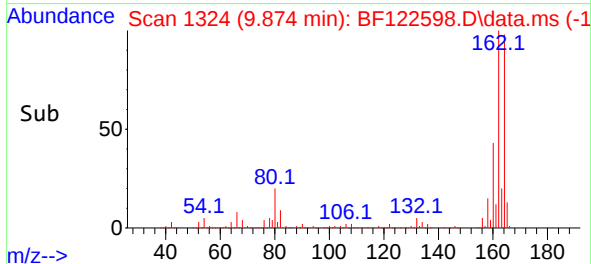
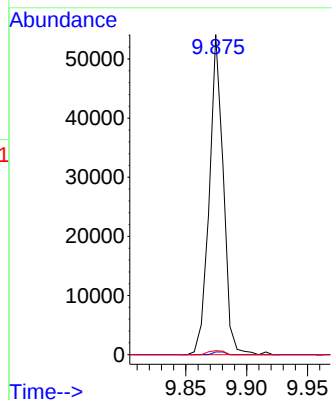
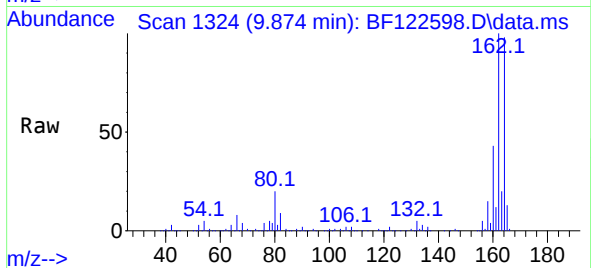




#51
2,6-Dinitrotoluene
Concen: 7.43 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

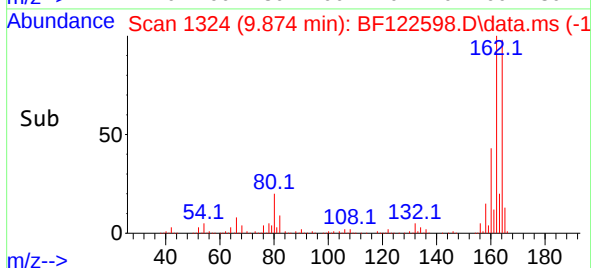
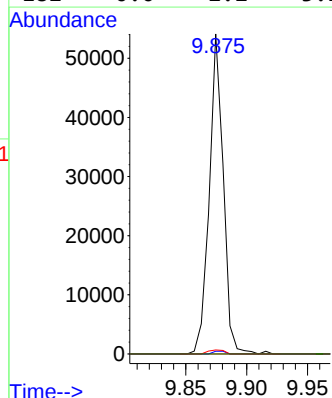
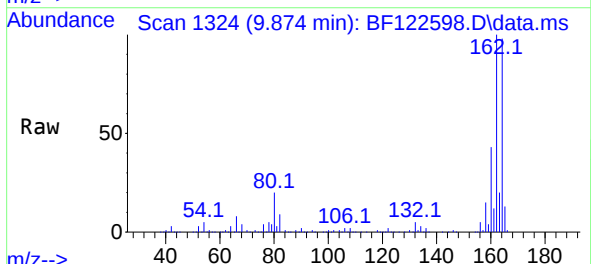
Instrument :
BNA_F
ClientSampled :
239995

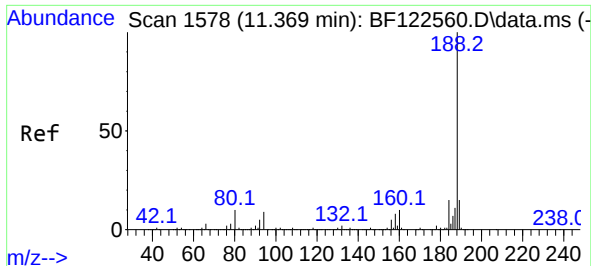
Tgt Ion:165 Resp: 43299
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

Tgt Ion:165 Resp: 43299
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

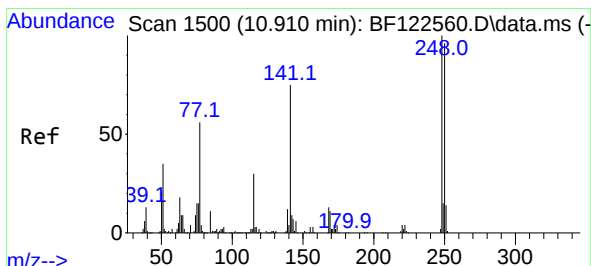
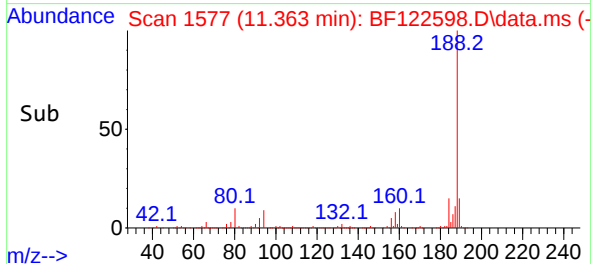
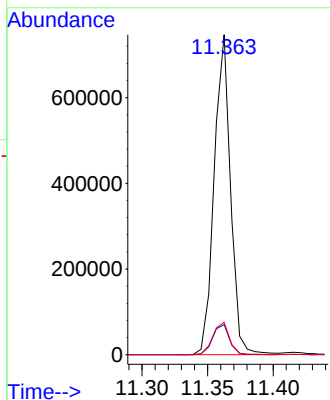
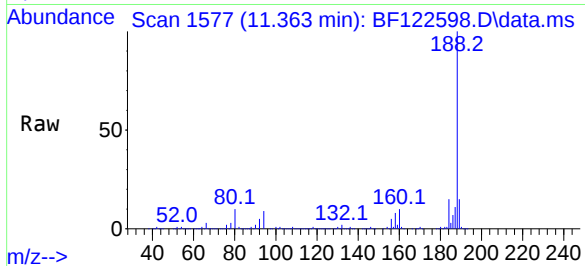




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

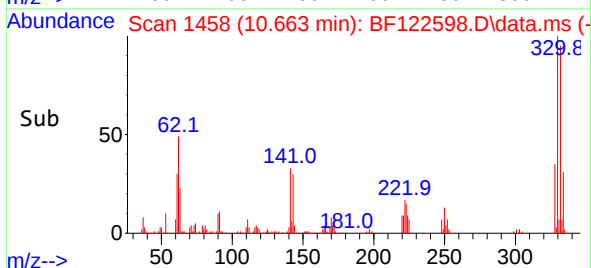
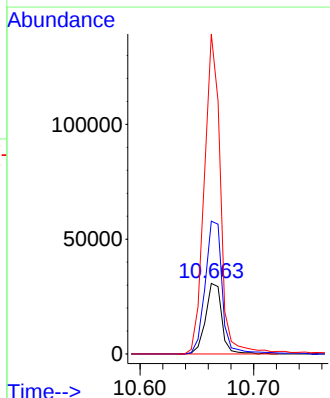
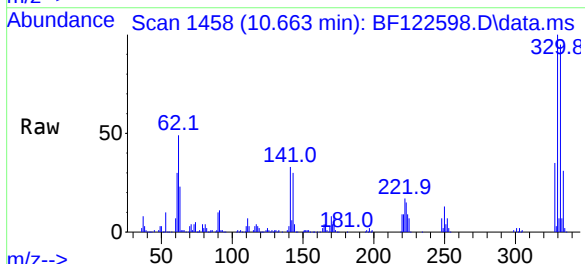
Instrument :
BNA_F
ClientSampleId :
239995

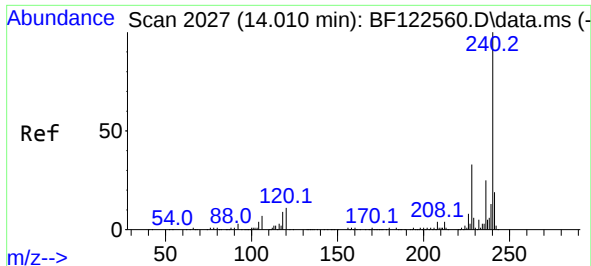
Tgt Ion:188 Resp: 646752
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.1 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

Tgt Ion:248 Resp: 30497
Ion Ratio Lower Upper
248 100
250 187.9 76.8 115.2#
141 452.9 59.8 89.8#

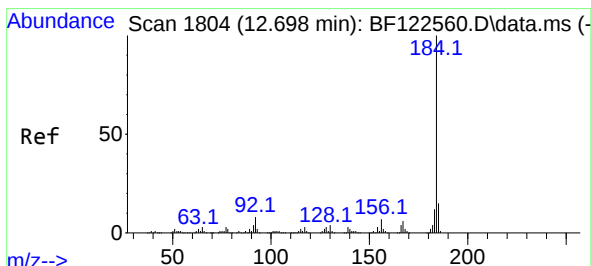
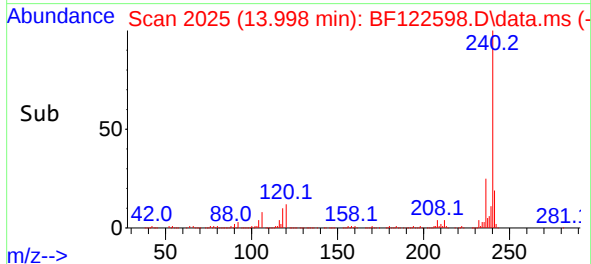
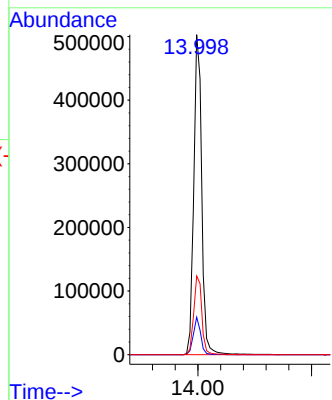
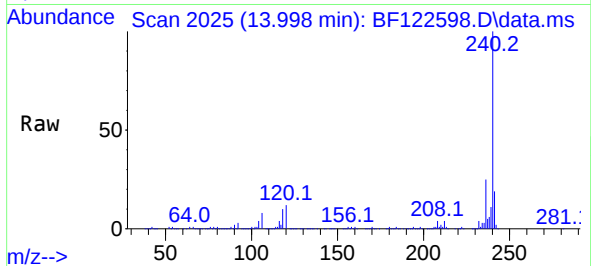




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

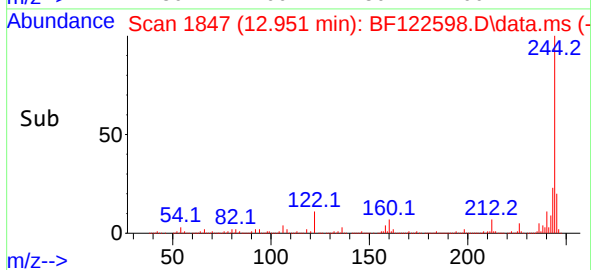
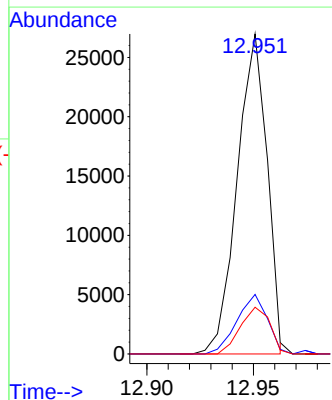
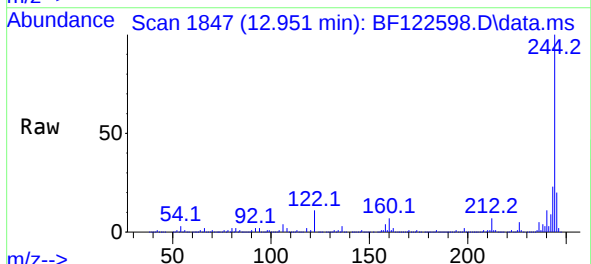
Instrument :
BNA_F
ClientSampleId :
239995

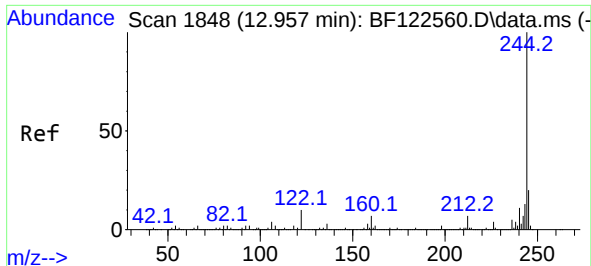
Tgt Ion:240 Resp: 490564
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 24.6 20.3 30.5



#77
Benzidine
Concen: 2.48 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

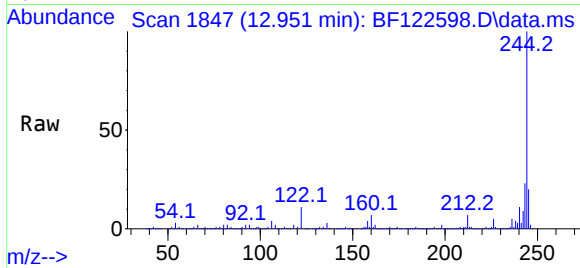
Tgt Ion:184 Resp: 26326
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.6#
183 14.6 9.7 14.5#



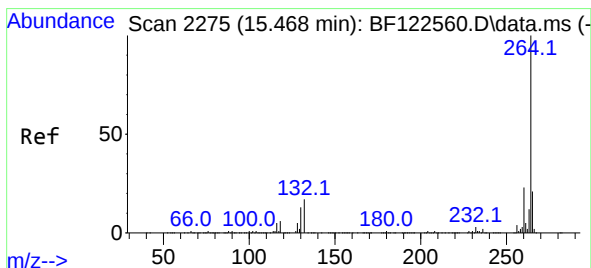
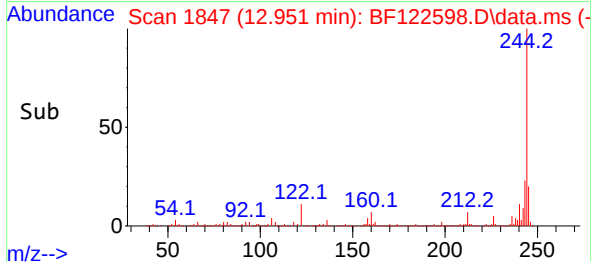
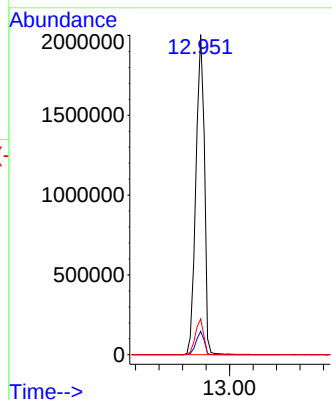


#79
Terphenyl-d14
Concen: 71.60 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122598.D
Acq: 8 Dec 2020 20:21

Instrument :
BNA_F
ClientSampleId :
239995



Tgt Ion:244 Resp: 2006594
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.2 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: BF122598.D
Acq: 8 Dec 2020 20:21

Tgt Ion:264 Resp: 461677
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.8 17.0 25.6

