

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122597.D
 Acq On : 8 Dec 2020 19:49
 Operator : JU/CG
 Sample : L4965-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT014

Quant Time: Dec 09 01:12:21 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)

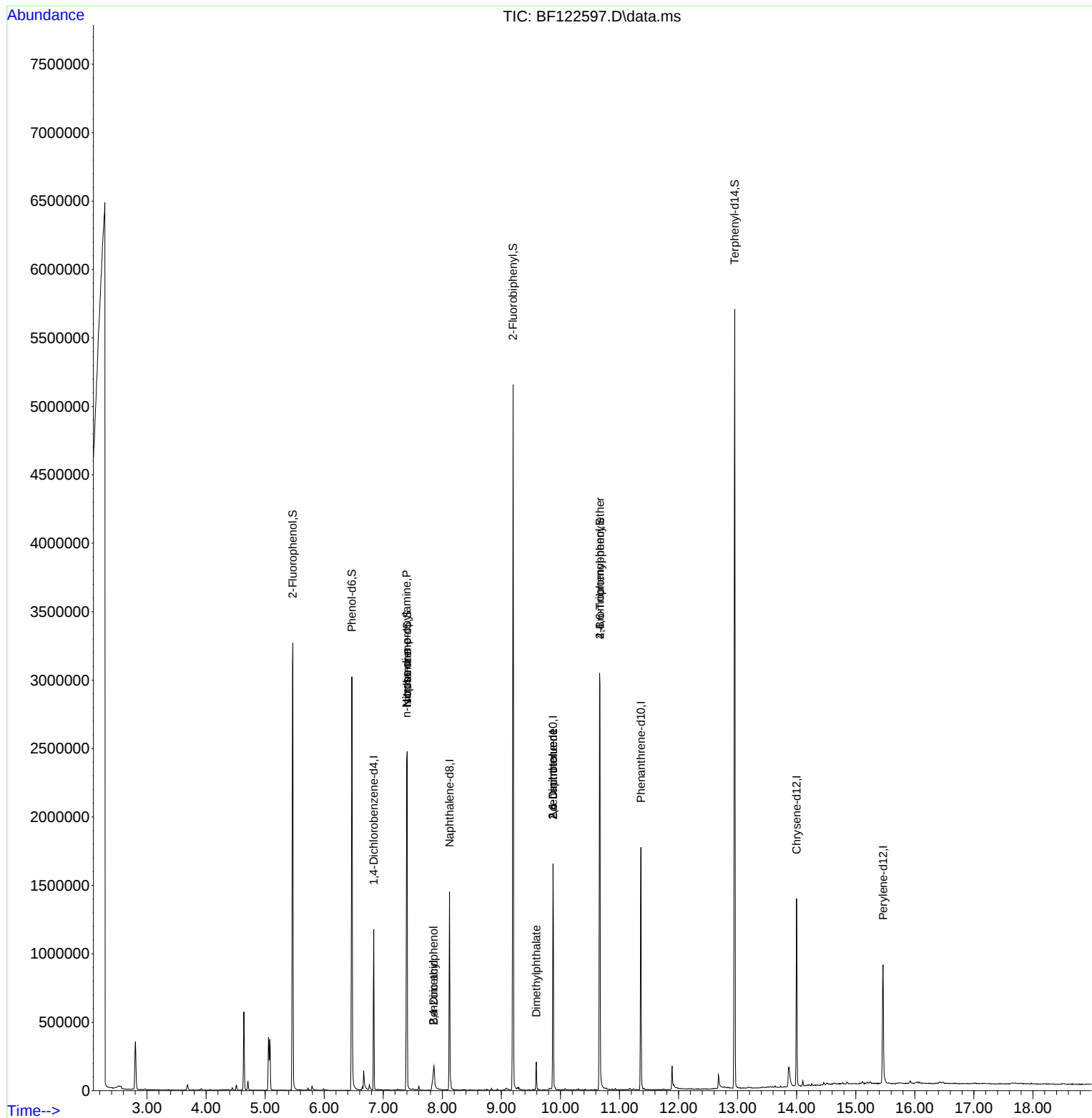
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	157534	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	616775	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	332008	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	632249	20.00	ng	0.00
76) Chrysene-d12	13.998	240	479759	20.00	ng	-0.01
86) Perylene-d12	15.462	264	440207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1014041	101.91	ng	0.01
7) Phenol-d6	6.469	99	1130174	85.64	ng	-0.01
23) Nitrobenzene-d5	7.404	82	907990	73.76	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	463452	106.64	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1599152	65.15	ng	0.00
79) Terphenyl-d14	12.951	244	1944894	70.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	121613	16.09	ng	Qvalue
25) Isophorone	7.404	82	901640	42.52	ng	# 78
27) 2,4-Dimethylphenol	7.851	122	72546	8.29	ng	# 65
32) Benzoic acid	7.851	122	72546	10.40	ng	# 4
50) Dimethylphthalate	9.592	163	91811	3.46	ng	96
51) 2,6-Dinitrotoluene	9.875	165	42712	7.63	ng	# 98
57) 2,4-Dinitrotoluene	9.875	165	42712	5.73	ng	# 31
67) 4-Bromophenyl-phenylether	10.669	248	28912	3.37	ng	# 25

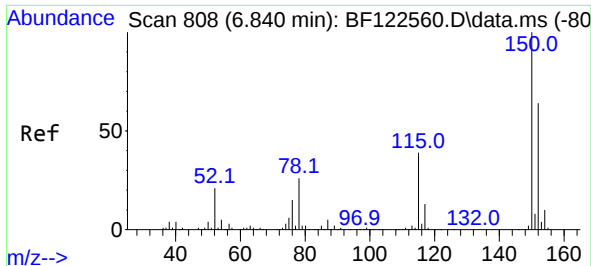
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

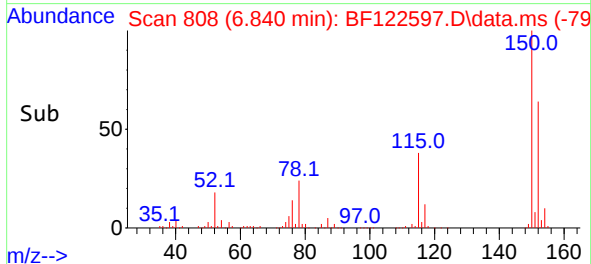
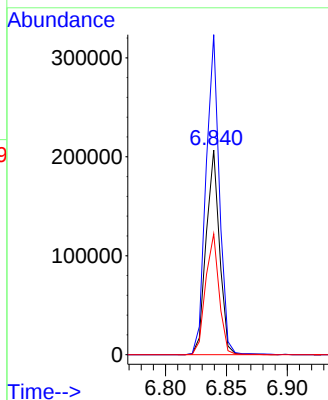
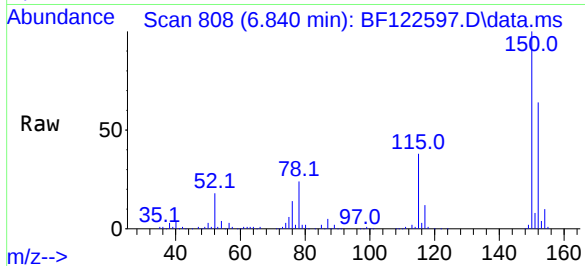




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

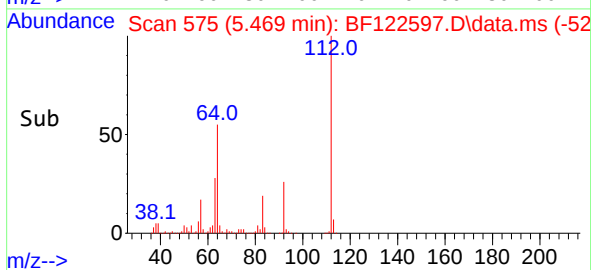
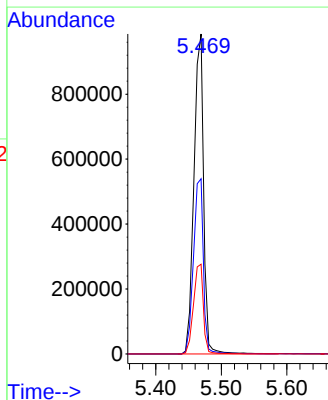
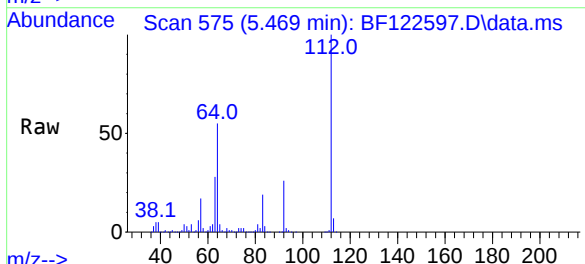
Instrument :
BNA_F
ClientSampleId :
CRT014

Tgt Ion:152 Resp: 157534
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 59.0 49.3 73.9



#5
2-Fluorophenol
Concen: 101.91 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion:112 Resp: 1014041
Ion Ratio Lower Upper
112 100
64 54.8 46.9 70.3
63 28.1 24.5 36.7



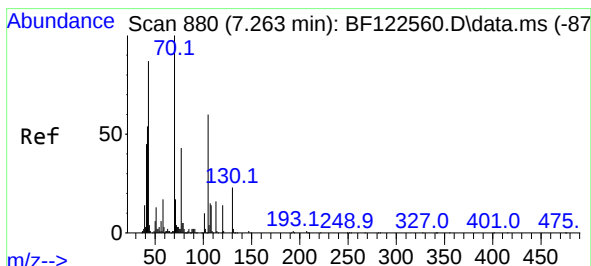
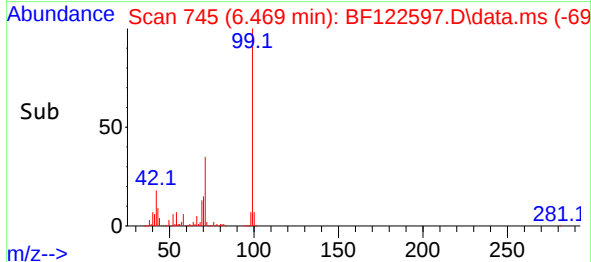
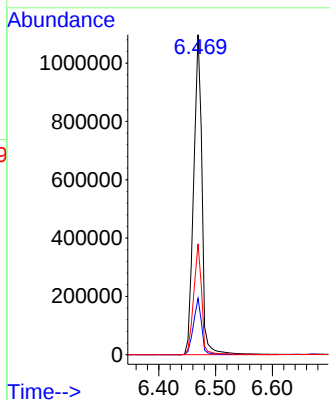
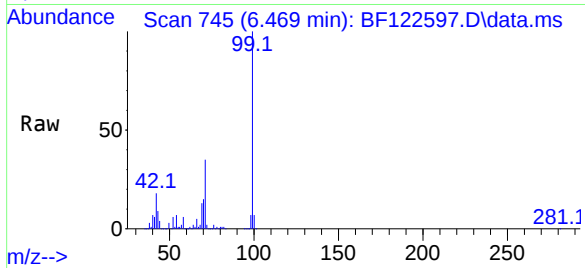


#7
Phenol-d6
Concen: 85.64 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Instrument :
BNA_F
ClientSampleId :
CRT014

Tgt Ion: 99 Resp: 1130174

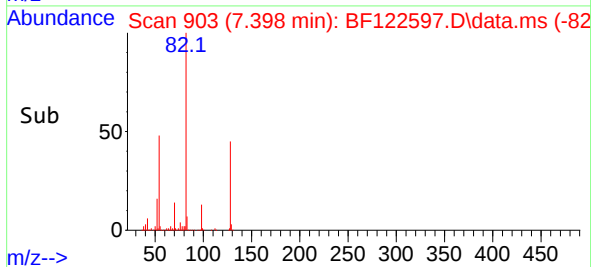
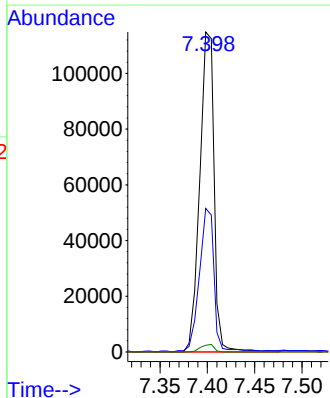
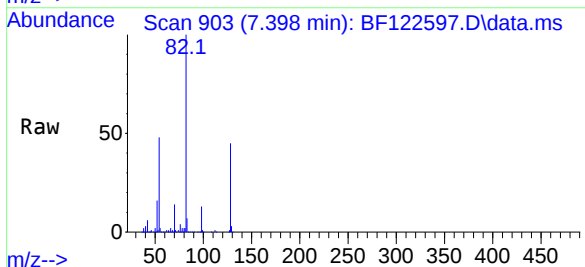
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.8	20.6
71	34.6	26.9	40.3

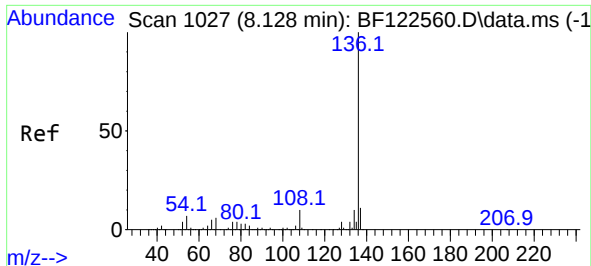


#19
n-Nitroso-di-n-propylamine
Concen: 16.09 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion: 70 Resp: 121613

Ion	Ratio	Lower	Upper
70	100		
42	44.9	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



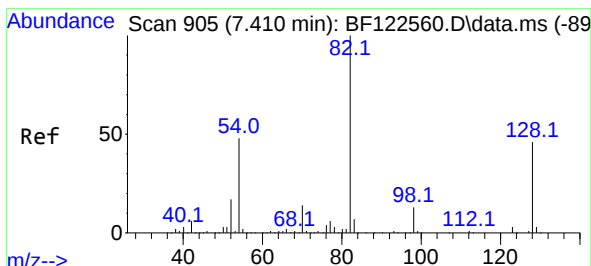
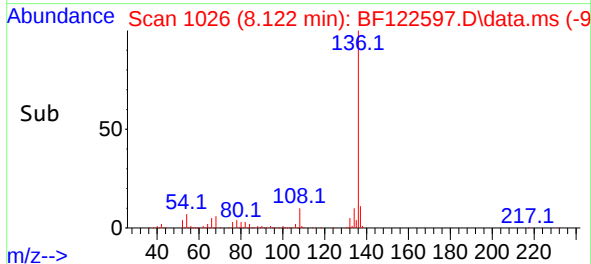
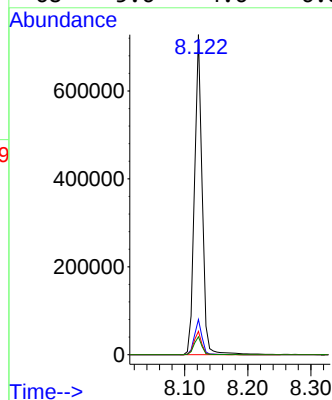
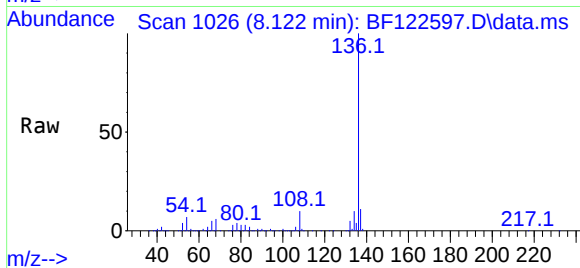


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Instrument :
BNA_F
ClientSampleId :
CRT014

Tgt Ion:136 Resp: 616775

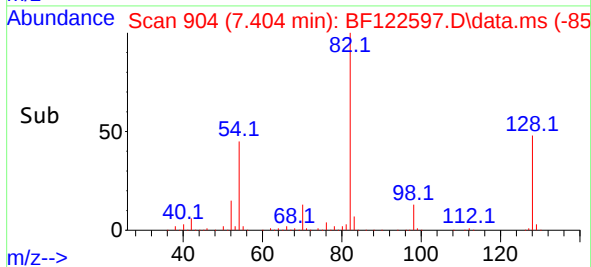
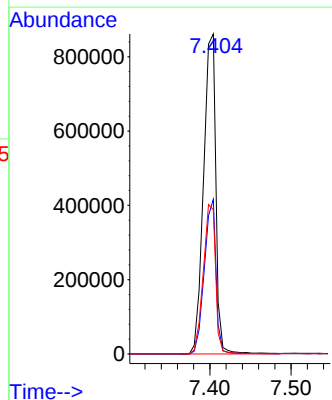
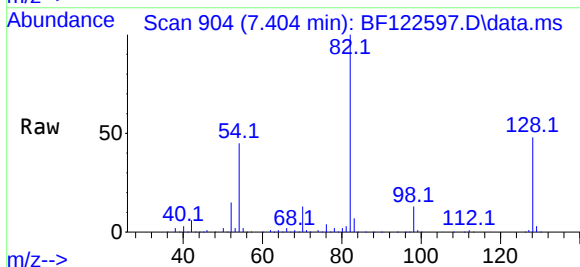
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.5	8.3
68	5.6	4.6	6.8

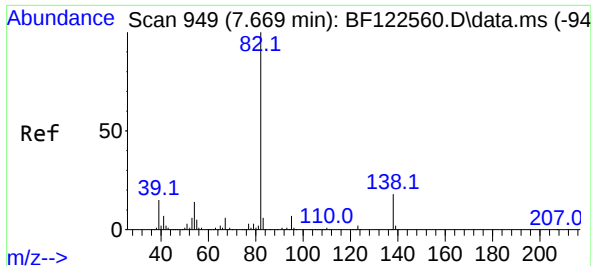


#23
Nitrobenzene-d5
Concen: 73.76 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion: 82 Resp: 907990

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.0	55.4
54	45.0	38.4	57.6

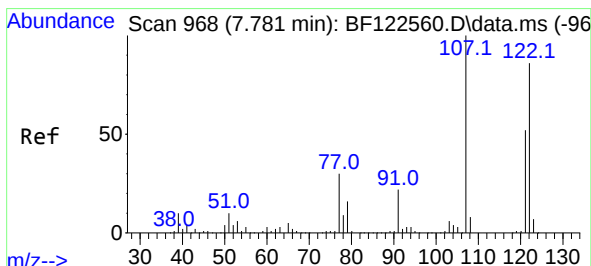
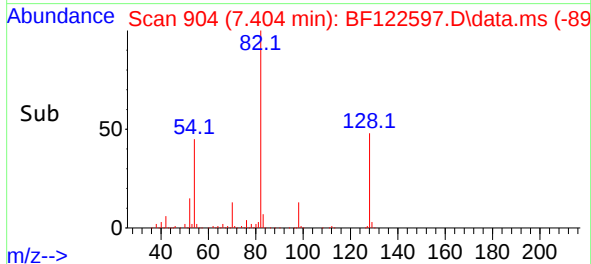
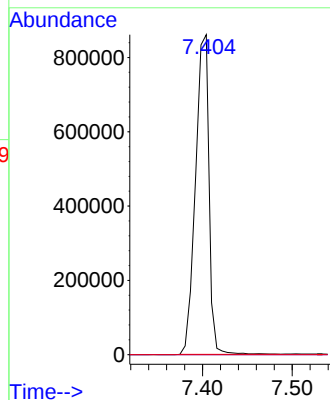
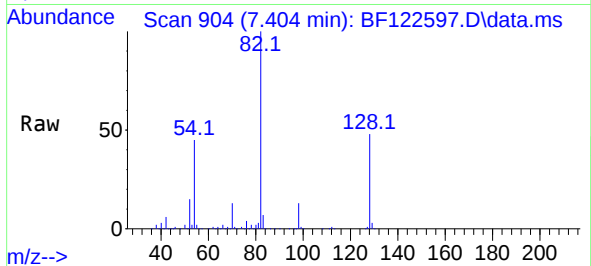




#25
Isophorone
Concen: 42.52 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

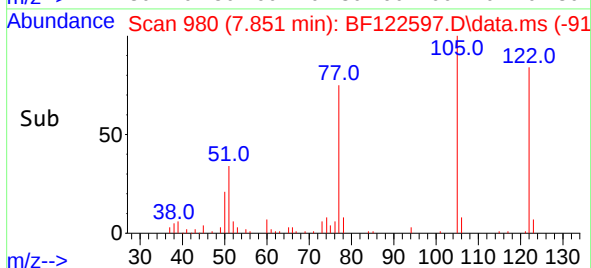
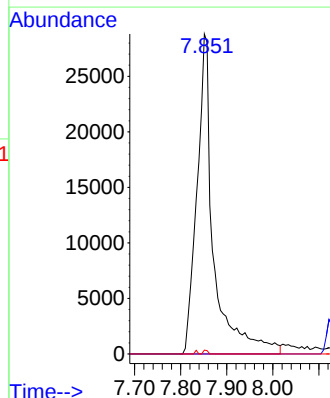
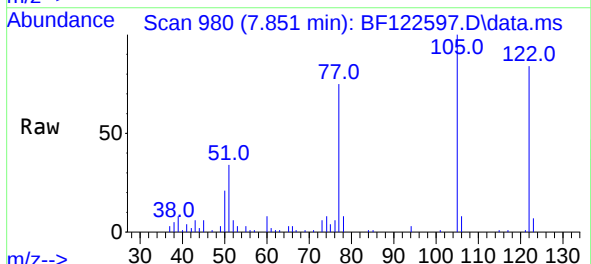
Instrument :
BNA_F
ClientSampleId :
CRT014

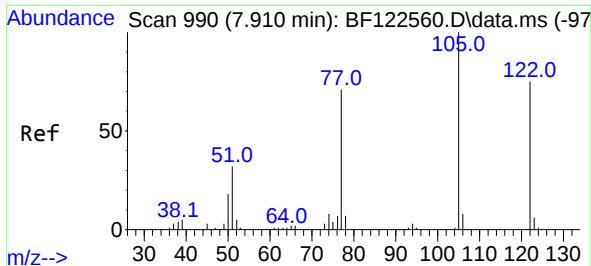
Tgt Ion: 82 Resp: 901640
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#27
2,4-Dimethylphenol
Concen: 8.29 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.071 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion: 122 Resp: 72546
Ion Ratio Lower Upper
122 100
107 0.0 91.8 137.8#
121 1.2 47.3 70.9#



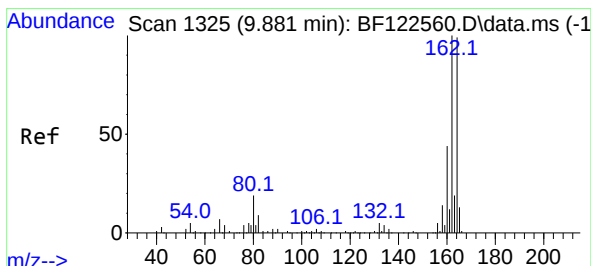
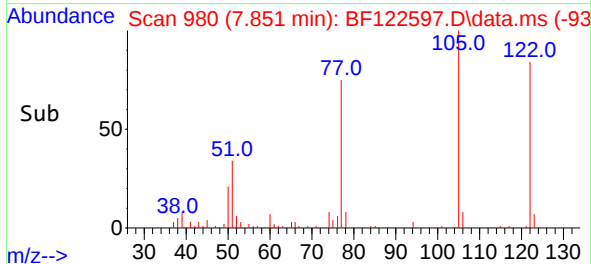
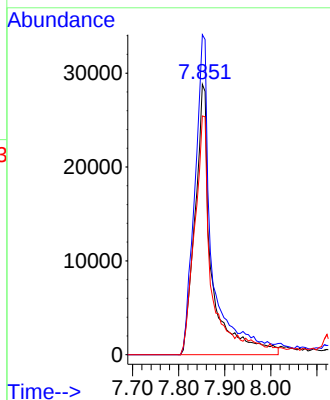
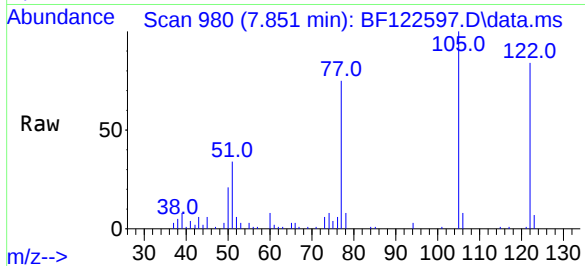


#32
Benzoic acid
Concen: 10.40 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.059 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Instrument :
BNA_F
ClientSampleId :
CRT014

Tgt Ion:122 Resp: 72546

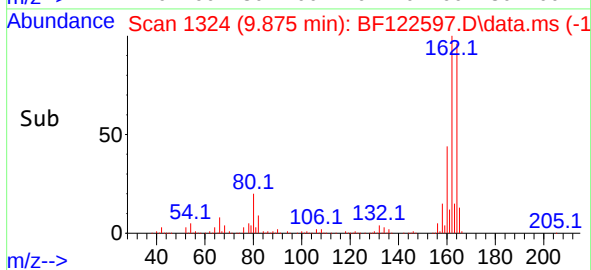
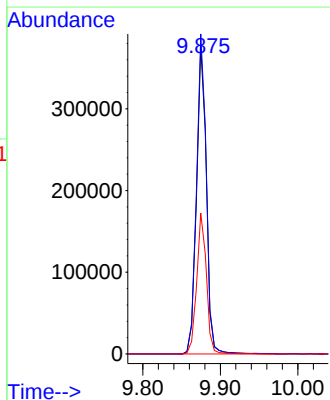
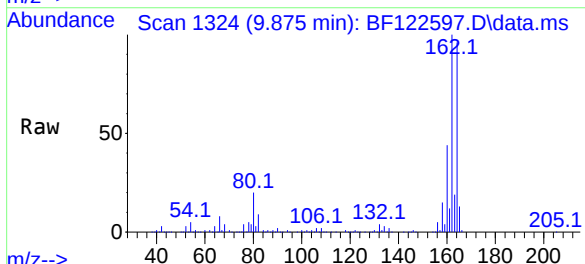
Ion	Ratio	Lower	Upper
122	100		
105	118.4	104.8	144.8
77	88.3	71.0	111.0

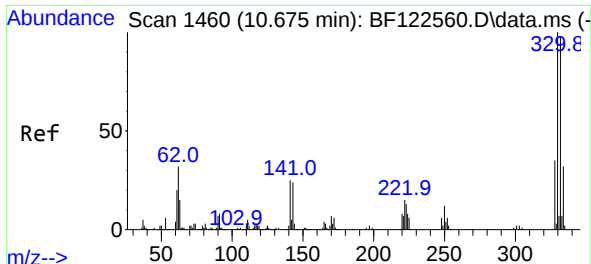


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion:164 Resp: 332008

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.8	121.2
160	45.7	35.4	53.0

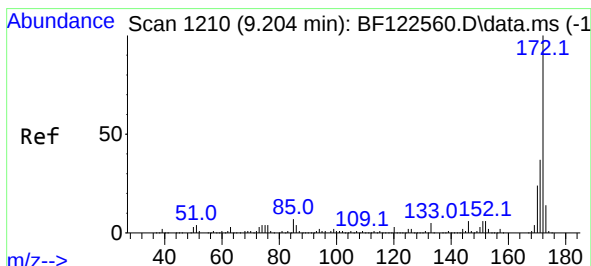
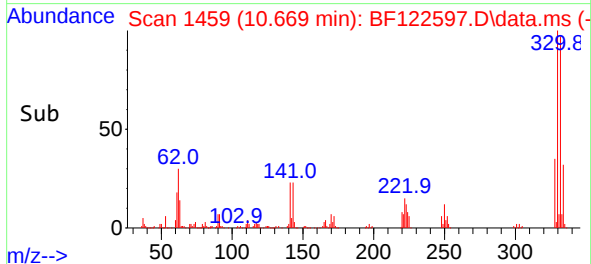
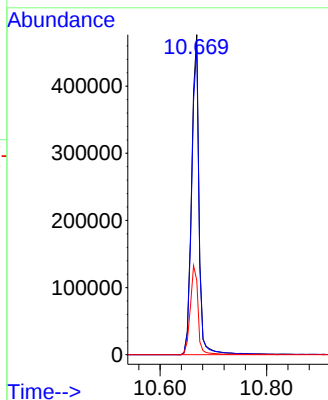
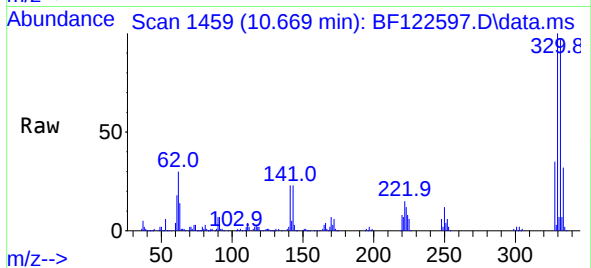




#42
2,4,6-Tribromophenol
Concen: 106.64 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

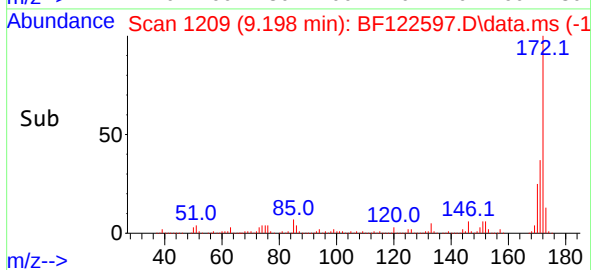
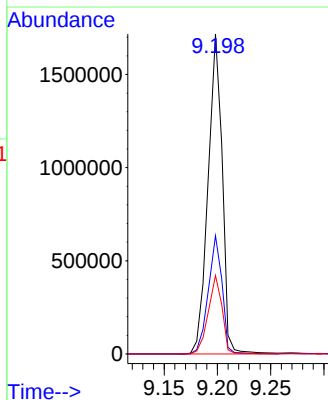
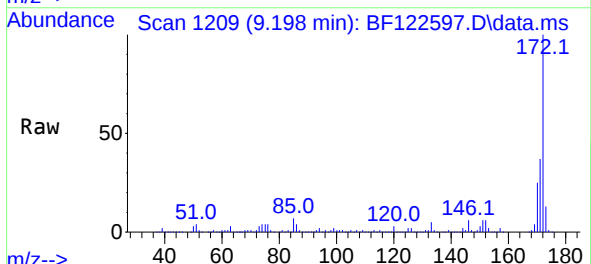
Instrument :
BNA_F
ClientSampleId :
CRT014

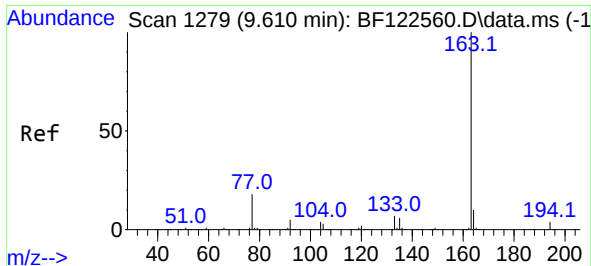
Tgt Ion:330 Resp: 463452
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 29.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 65.15 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion:172 Resp: 1599152
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.5 19.5 29.3

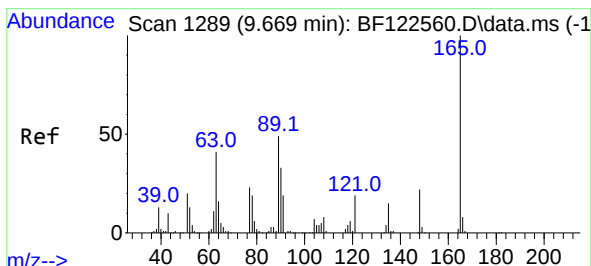
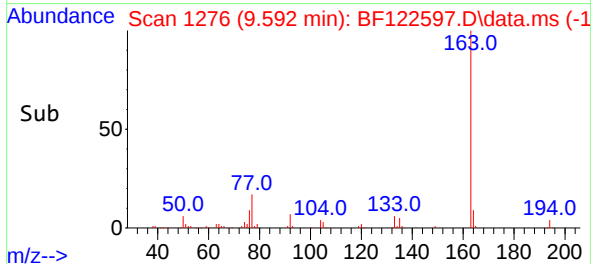
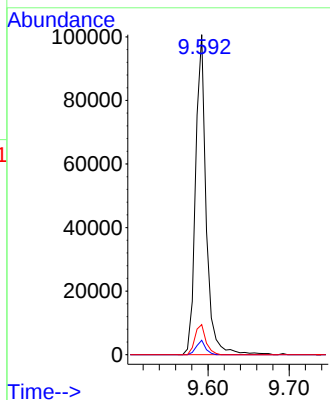
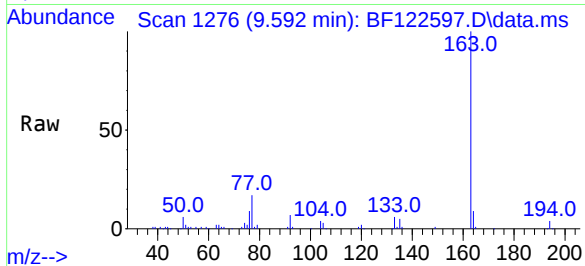




#50
Dimethylphthalate
Concen: 3.46 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

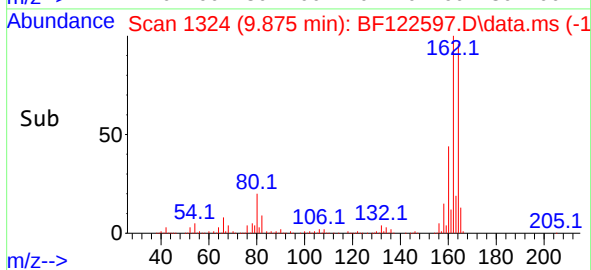
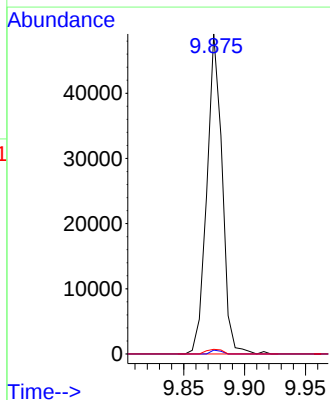
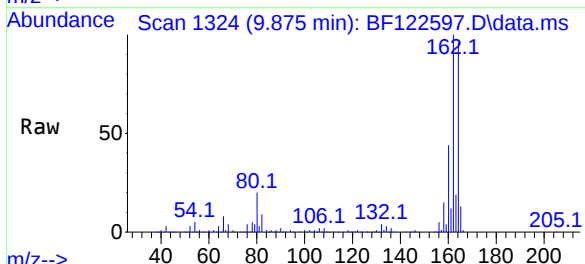
Instrument :
BNA_F
ClientSampleId :
CRT014

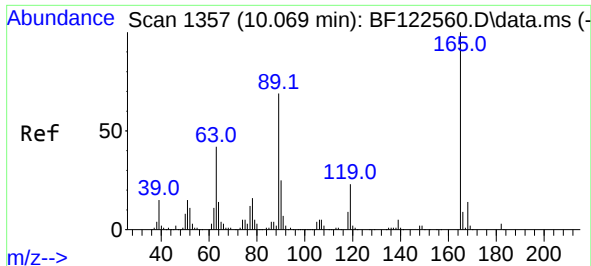
Tgt Ion:163 Resp: 91811
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion:165 Resp: 42712
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.4 39.4 59.0#

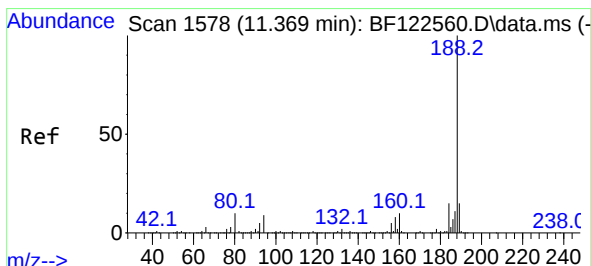
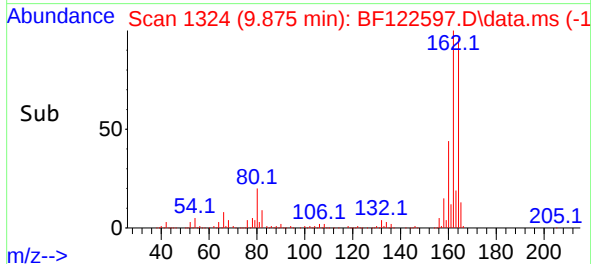
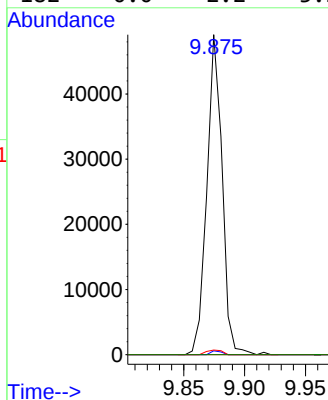
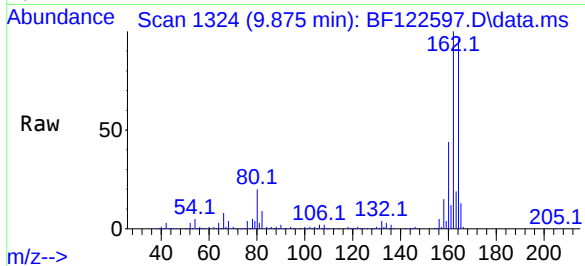




#57
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

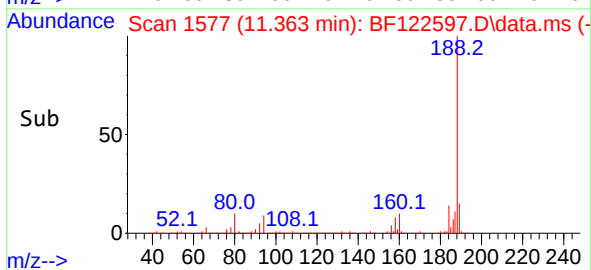
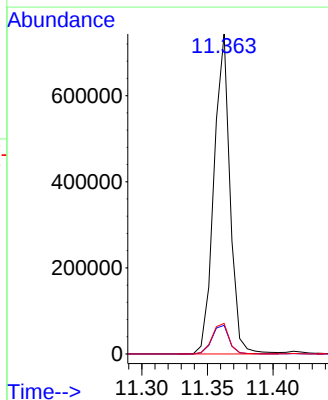
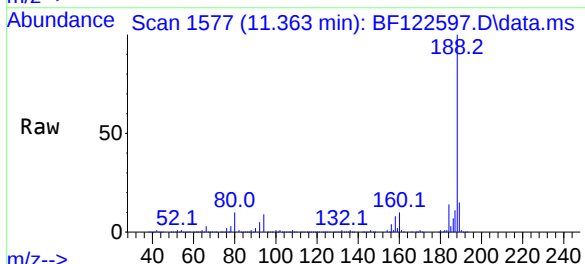
Instrument :
BNA_F
ClientSampleId :
CRT014

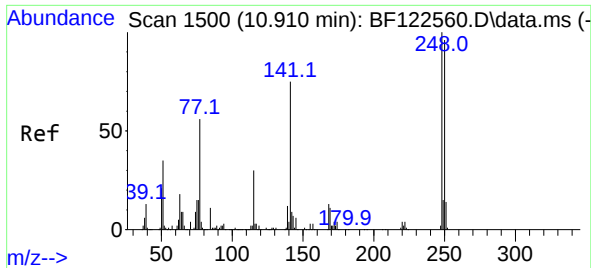
Tgt Ion:165	Resp:	42712
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.3 51.5#
89	1.4	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion:188	Resp:	632249
Ion Ratio	Lower	Upper
188	100	
94	8.9	7.4 11.2
80	9.6	8.2 12.4

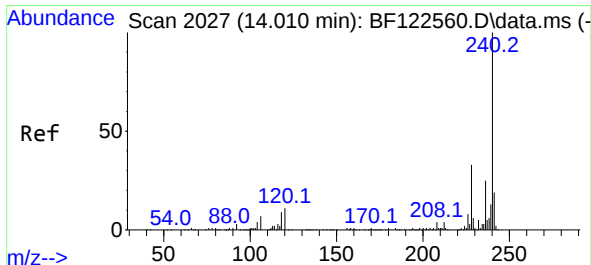
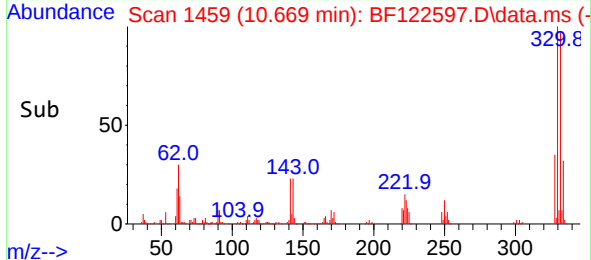
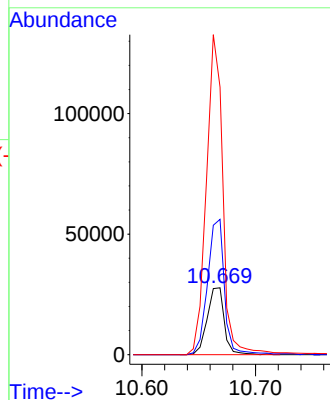
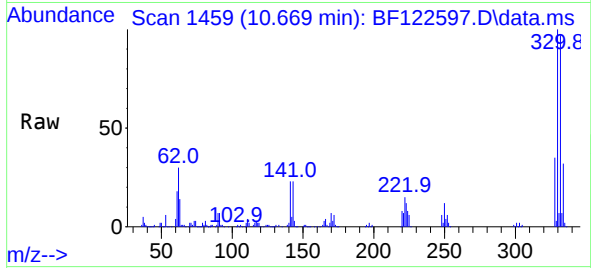




#67
4-Bromophenyl-phenylether
Concen: 3.37 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

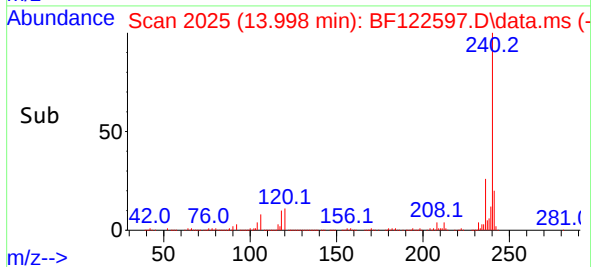
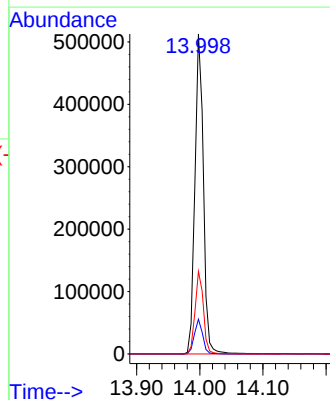
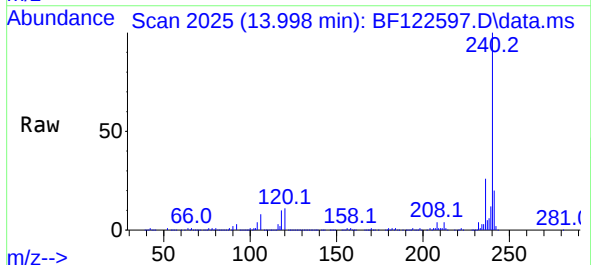
Instrument :
BNA_F
ClientSampleId :
CRT014

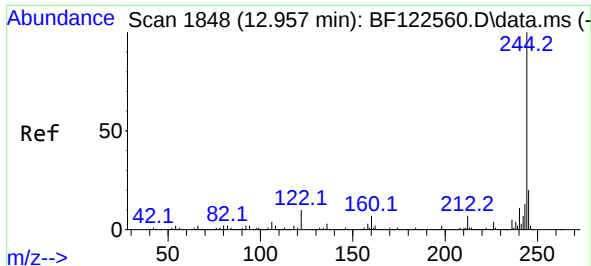
Tgt Ion:248 Resp: 28912
Ion Ratio Lower Upper
248 100
250 202.2 76.8 115.2#
141 399.7 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

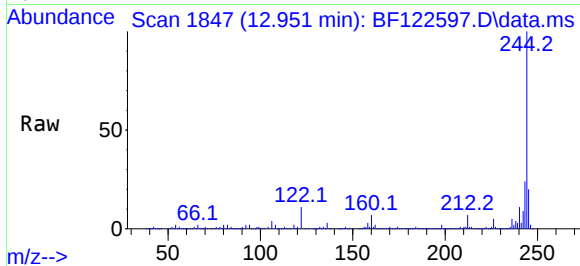
Tgt Ion:240 Resp: 479759
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.8 20.3 30.5



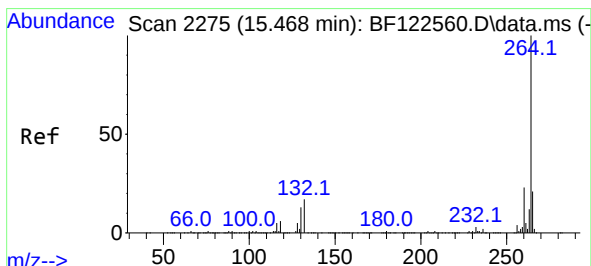
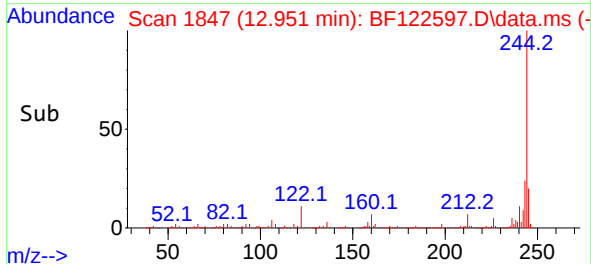
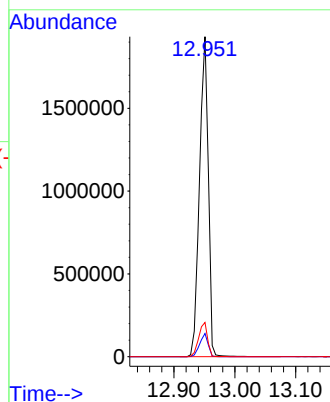


#79
Terphenyl-d14
Concen: 70.96 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Instrument :
BNA_F
ClientSampleId :
CRT014



Tgt Ion:244 Resp: 1944894
Ion Ratio Lower Upper
244 100
212 7.2 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: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion:264 Resp: 440207
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.9 17.0 25.6

