

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122688.D
 Acq On : 12 Dec 2020 20:15
 Operator : JU/CG
 Sample : L5045-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-24

Quant Time: Dec 13 23:46:30 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)

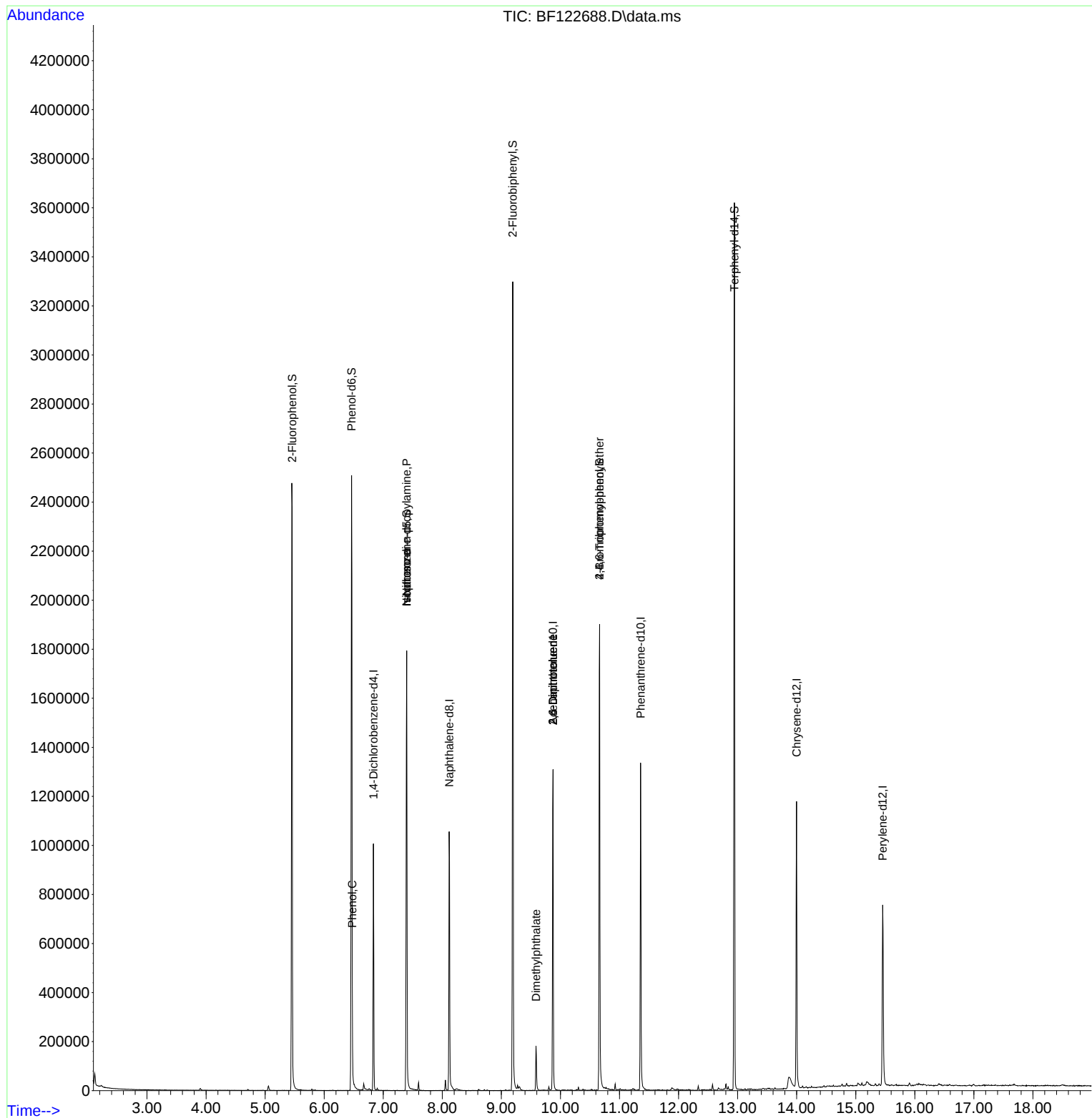
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	142854	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	553126	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	285153	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	519006	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	422689	20.00	ng	-0.01
86) Perylene-d12	15.457	264	373893	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	793300	87.92	ng	0.00
7) Phenol-d6	6.463	99	987544	82.52	ng	-0.02
23) Nitrobenzene-d5	7.398	82	622573	56.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	284173	76.13	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1089866	51.70	ng	-0.01
79) Terphenyl-d14	12.945	244	1162670	48.15	ng	-0.01
Target Compounds						
10) Phenol	6.475	94	53876	4.34	ng	Qvalue 89
19) n-Nitroso-di-n-propyla...	7.398	70	78803	11.50	ng	# 77
25) Isophorone	7.398	82	622569	32.74	ng	# 65
50) Dimethylphthalate	9.586	163	91059	4.00	ng	99
51) 2,6-Dinitrotoluene	9.875	165	37051	7.70	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	37051	5.78	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	16959	2.41	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122688.D
Acq On : 12 Dec 2020 20:15
Operator : JU/CG
Sample : L5045-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-24

Quant Time: Dec 13 23:46:30 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

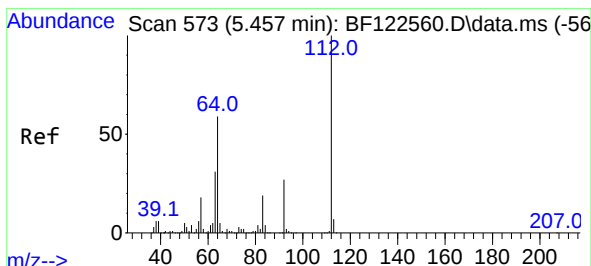
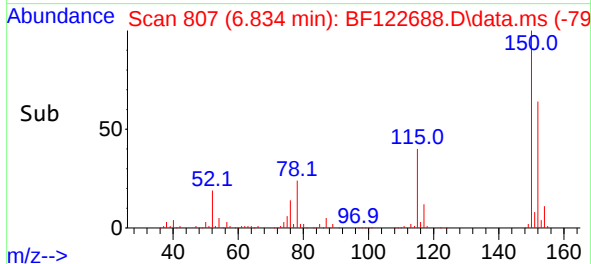
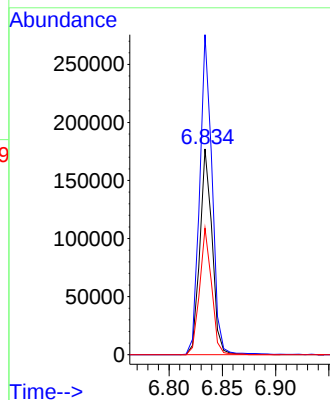
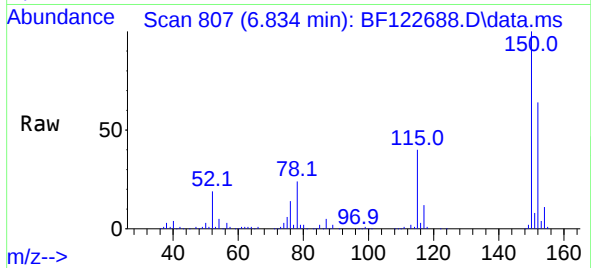




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

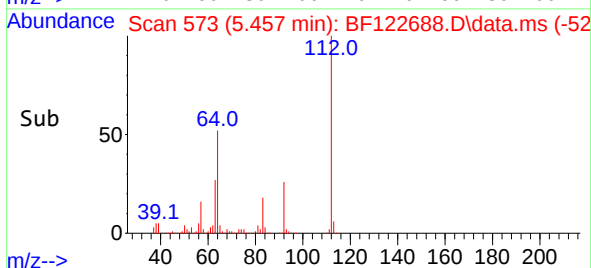
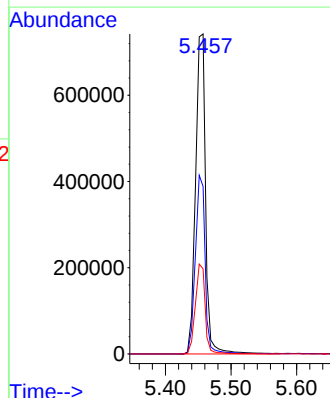
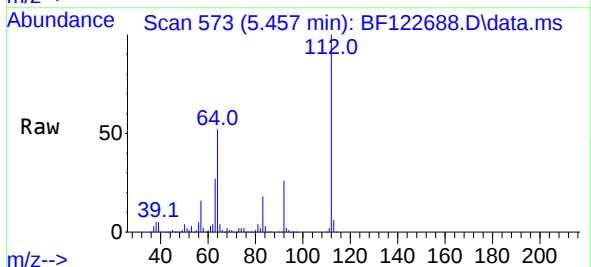
Instrument :
BNA_F
ClientSampleId :
RBR-24

Tgt Ion:152 Resp: 142854
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 61.5 49.3 73.9



#5
2-Fluorophenol
Concen: 87.92 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion:112 Resp: 793300
Ion Ratio Lower Upper
112 100
64 52.4 46.9 70.3
63 26.6 24.5 36.7

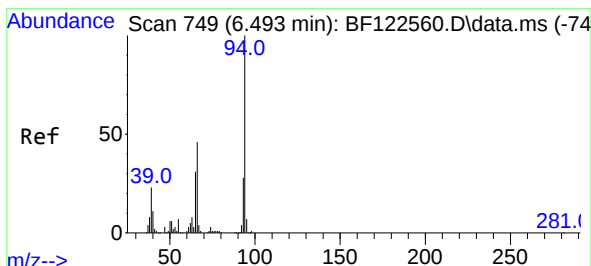
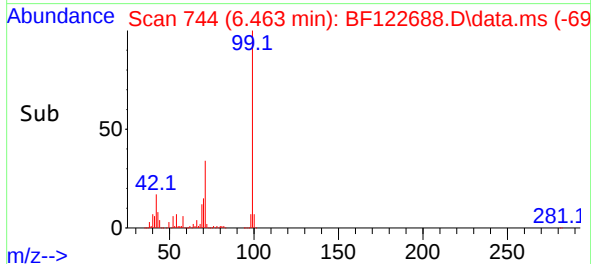
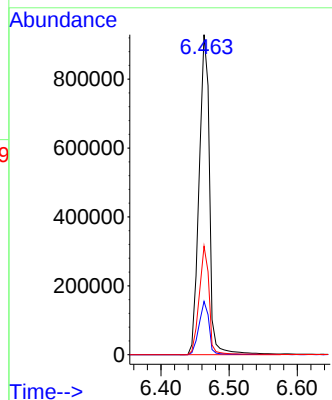
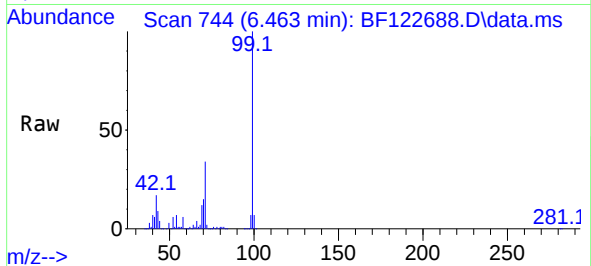




#7
Phenol-d6
Concen: 82.52 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

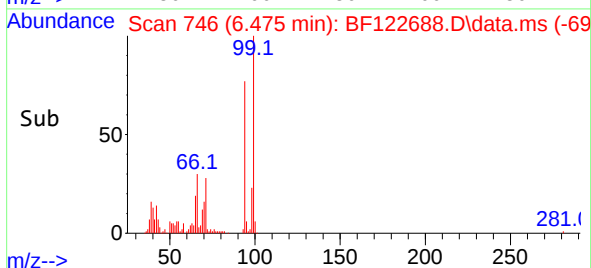
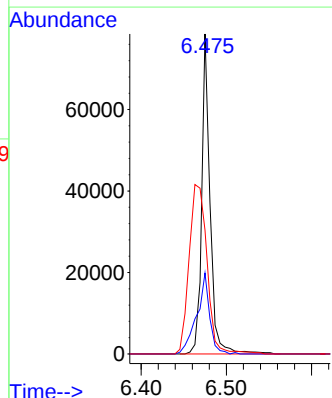
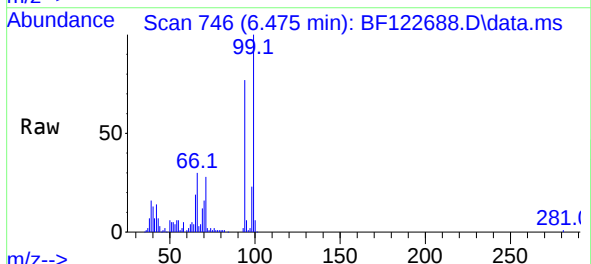
Instrument :
BNA_F
ClientSampleId :
RBR-24

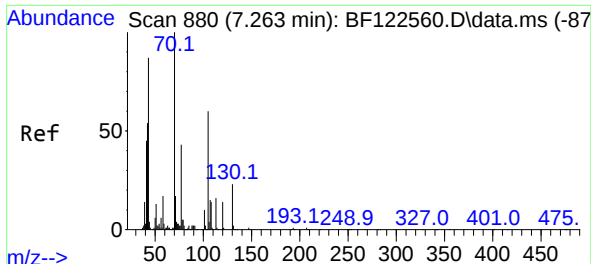
Tgt Ion: 99 Resp: 987544
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.6
71 33.9 26.9 40.3



#10
Phenol
Concen: 4.34 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion: 94 Resp: 53876
Ion Ratio Lower Upper
94 100
65 25.3 11.2 51.2
66 38.7 25.8 65.8



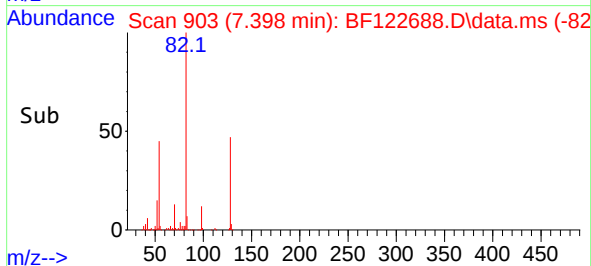
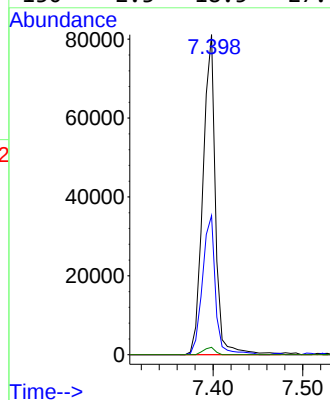
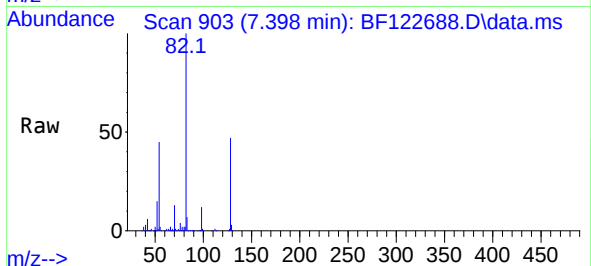


#19
n-Nitroso-di-n-propylamine
Concen: 11.50 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Instrument :
BNA_F
ClientSampleId :
RBR-24

Tgt Ion: 70 Resp: 78803

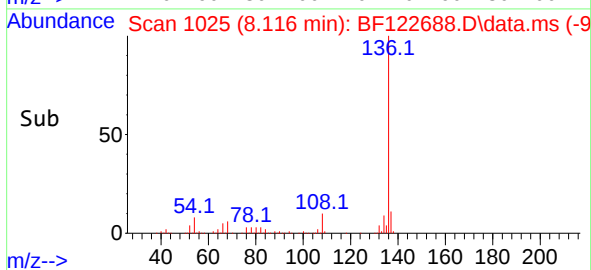
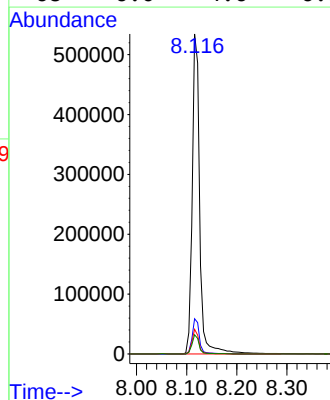
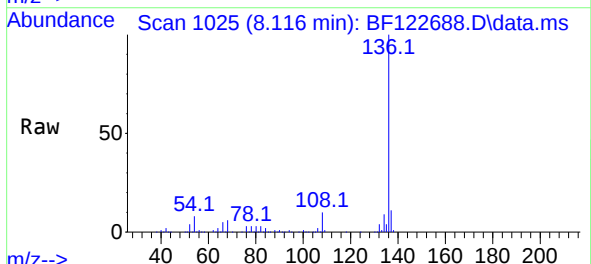
Ion	Ratio	Lower	Upper
70	100		
42	43.5	43.0	64.4
101	0.0	7.9	11.9#
130	2.3	18.5	27.7#

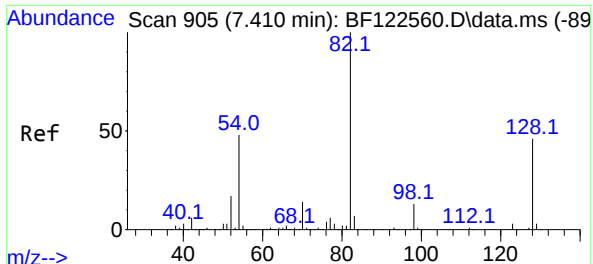


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion: 136 Resp: 553126

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	5.5	8.3
68	6.0	4.6	6.8

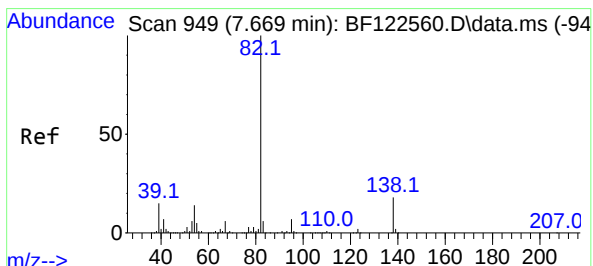
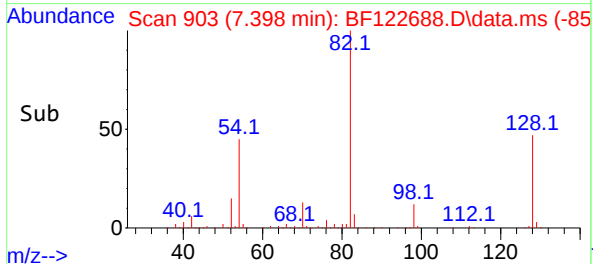
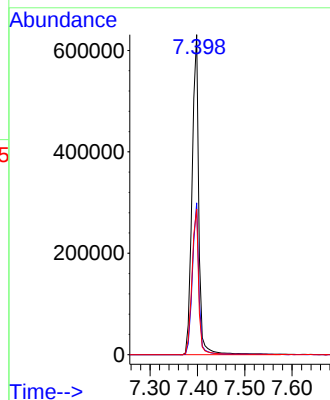
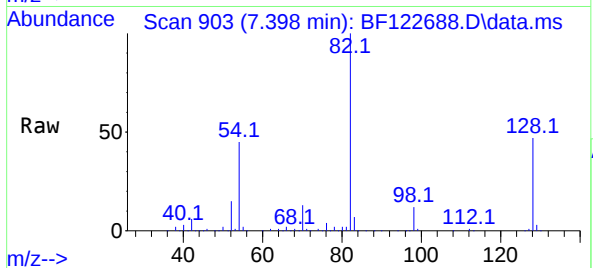




#23
Nitrobenzene-d5
Concen: 56.39 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

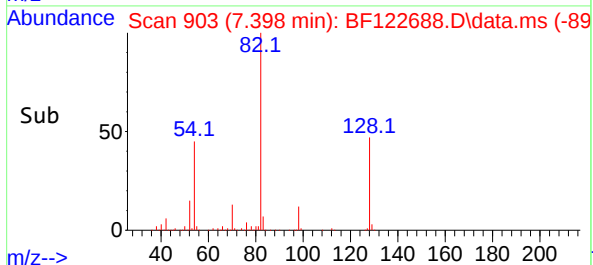
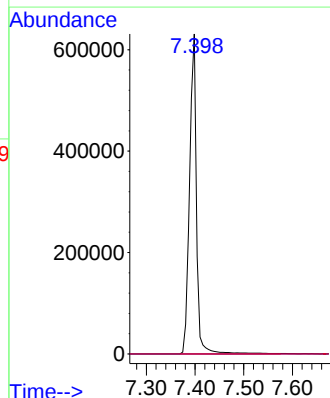
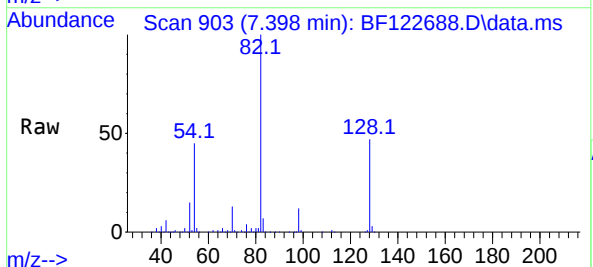
Instrument :
BNA_F
ClientSampleId :
RBR-24

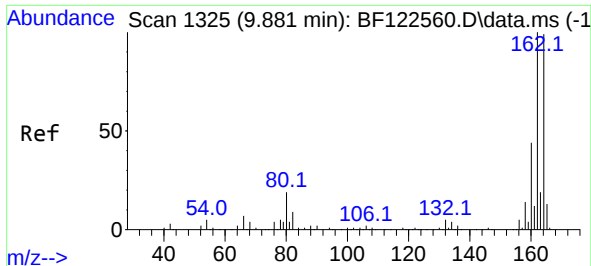
Tgt Ion: 82 Resp: 622573
Ion Ratio Lower Upper
82 100
128 47.5 37.0 55.4
54 45.5 38.4 57.6



#25
Isophorone
Concen: 32.74 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion: 82 Resp: 622569
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

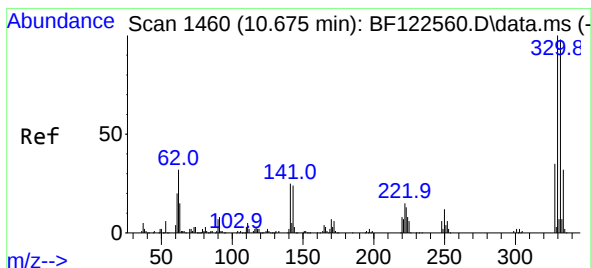
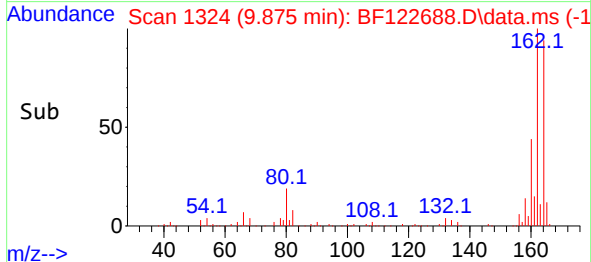
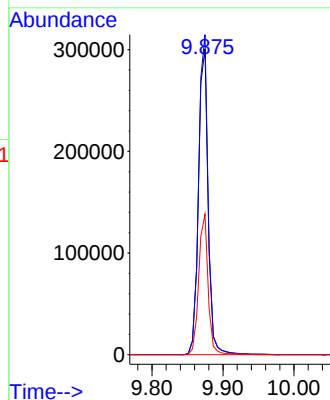
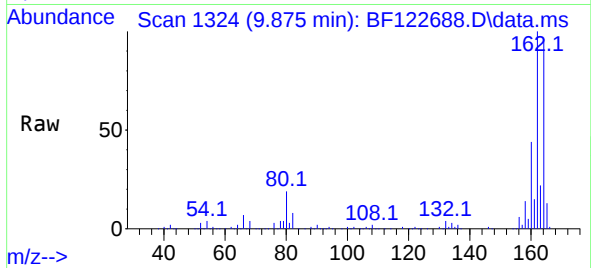




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

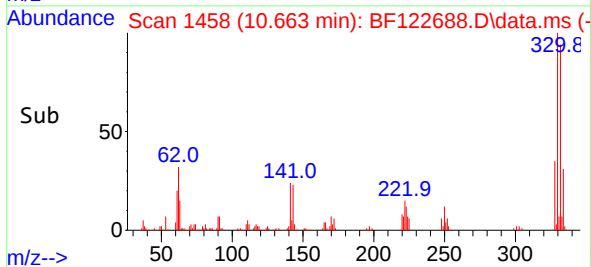
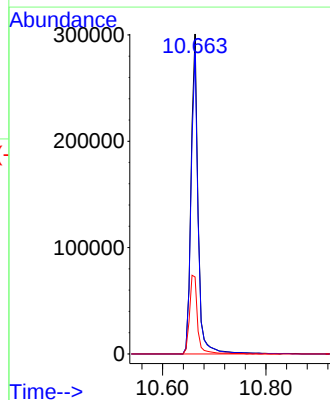
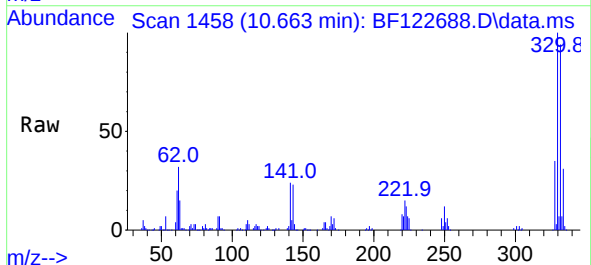
Instrument :
BNA_F
ClientSampleId :
RBR-24

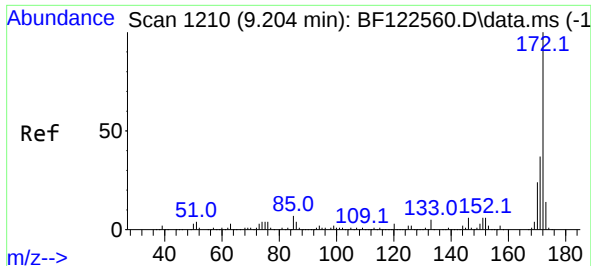
Tgt Ion:164 Resp: 285153
Ion Ratio Lower Upper
164 100
162 104.6 80.8 121.2
160 45.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 76.13 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion:330 Resp: 284173
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 27.9 23.8 35.8

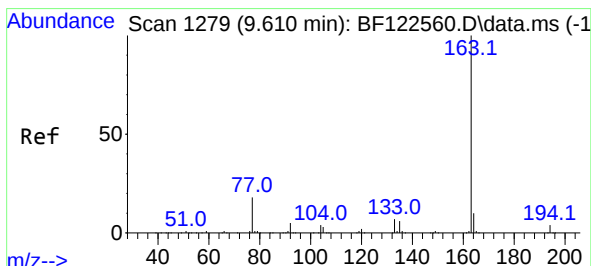
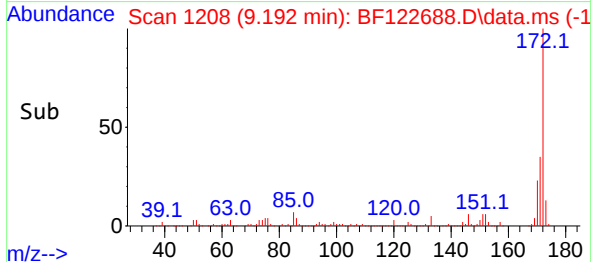
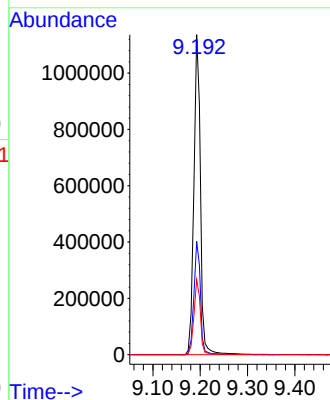
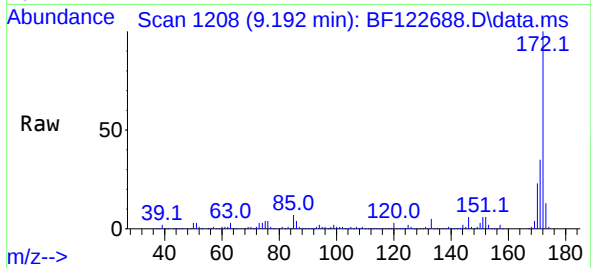




#45
2-Fluorobiphenyl
Concen: 51.70 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

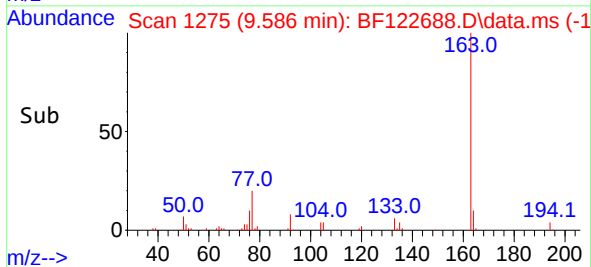
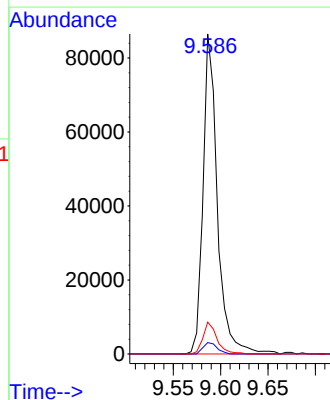
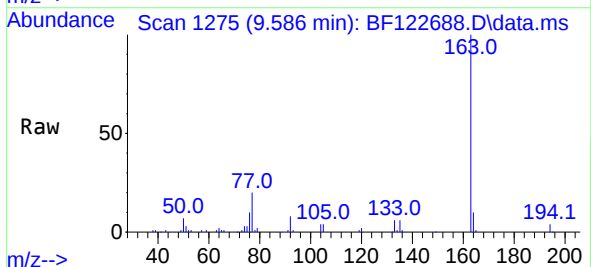
Instrument :
BNA_F
ClientSampleId :
RBR-24

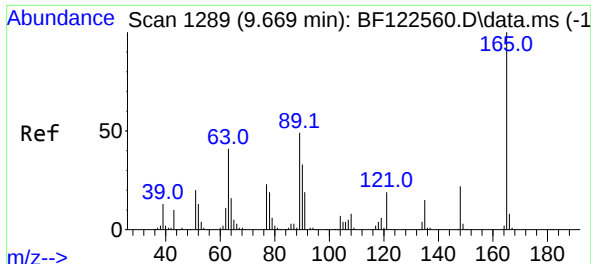
Tgt Ion:172 Resp: 1089866
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.4 19.5 29.3



#50
Dimethylphthalate
Concen: 4.00 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion:163 Resp: 91059
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 9.9 8.1 12.1

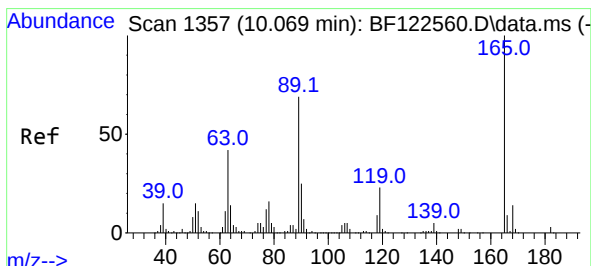
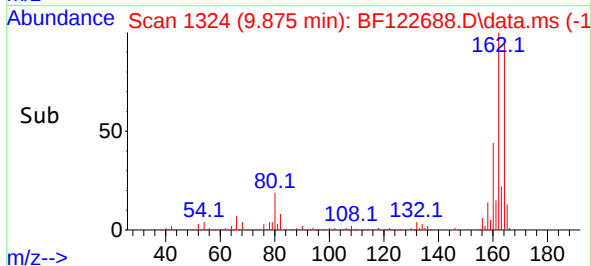
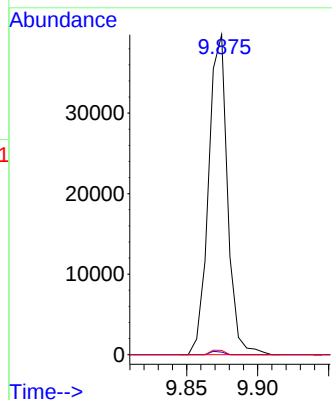
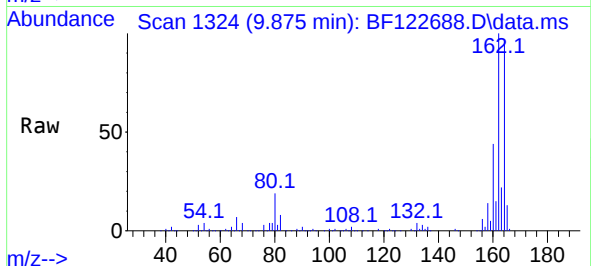




#51
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

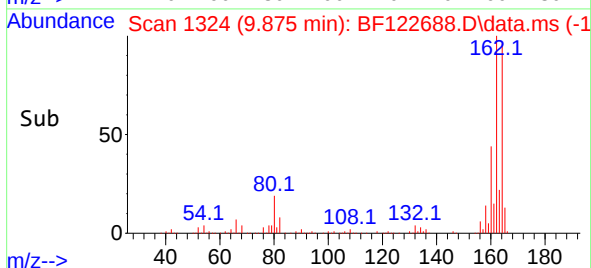
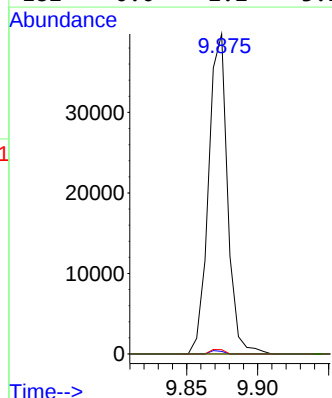
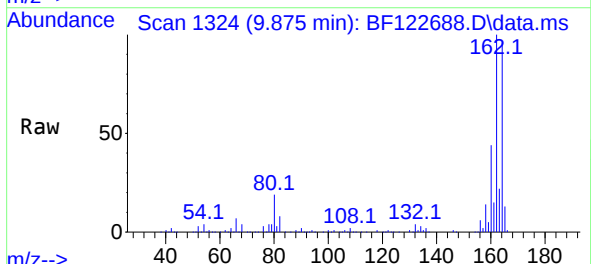
Instrument :
BNA_F
ClientSampleId :
RBR-24

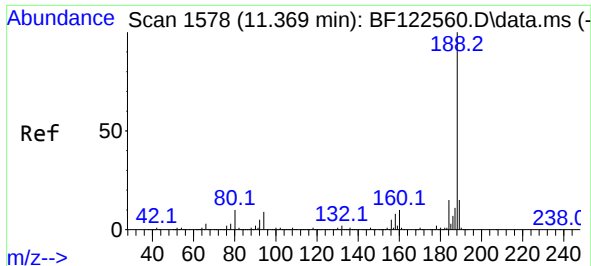
Tgt Ion:165 Resp: 37051
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.78 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion:165 Resp: 37051
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

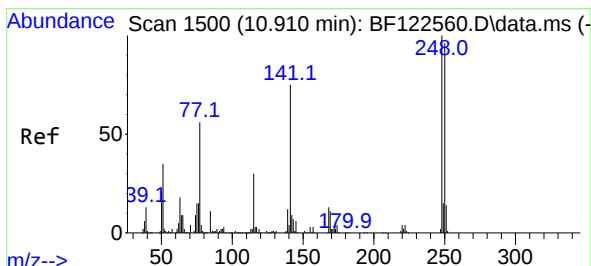
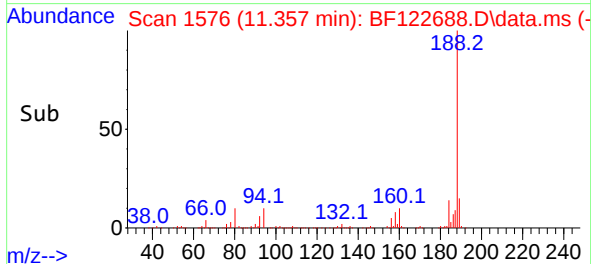
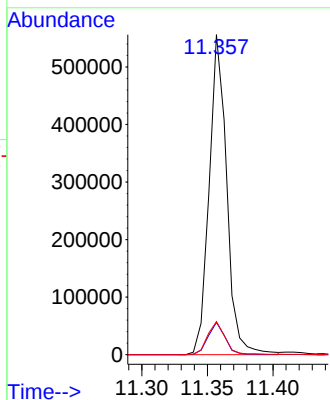
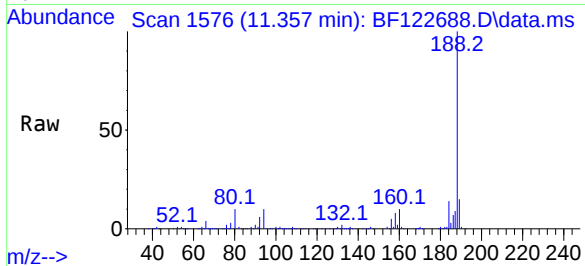




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

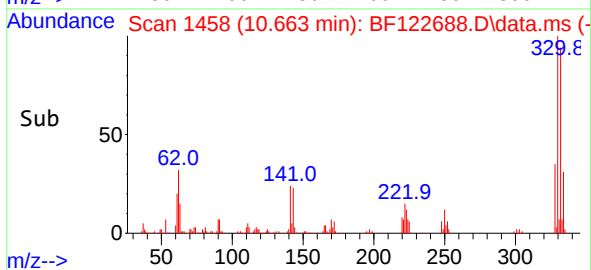
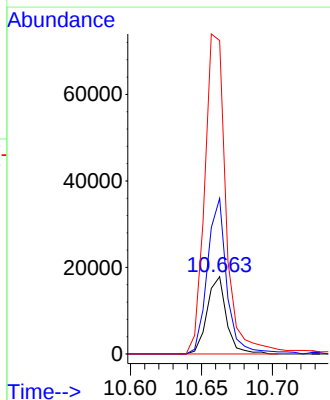
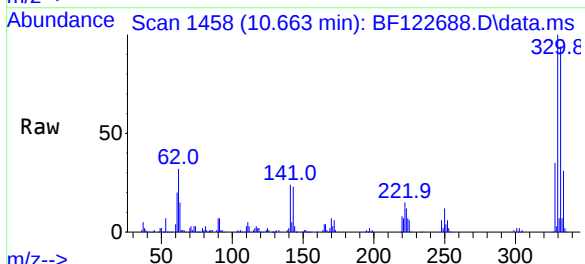
Instrument :
BNA_F
ClientSampleId :
RBR-24

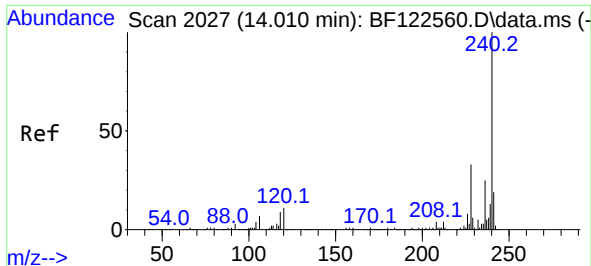
Tgt Ion:188 Resp: 519006
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.41 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion:248 Resp: 16959
Ion Ratio Lower Upper
248 100
250 201.3 76.8 115.2#
141 405.7 59.8 89.8#

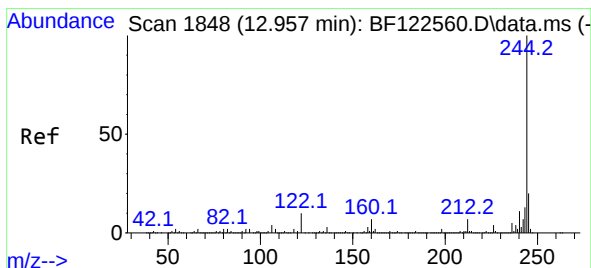
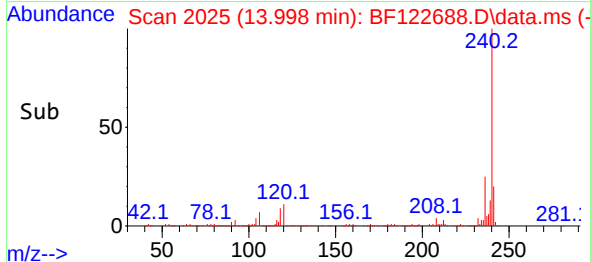
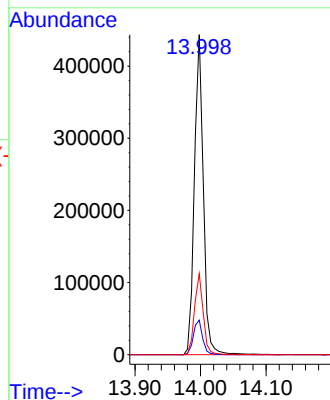
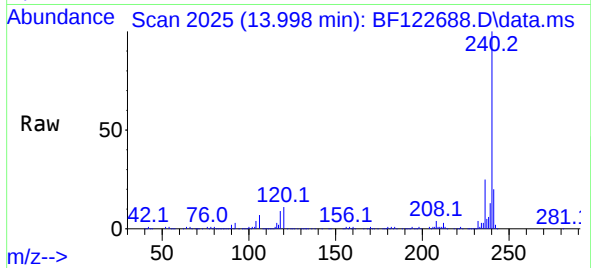




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

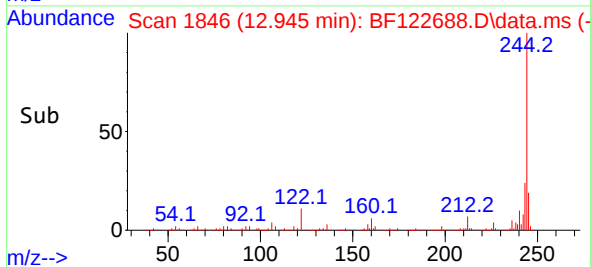
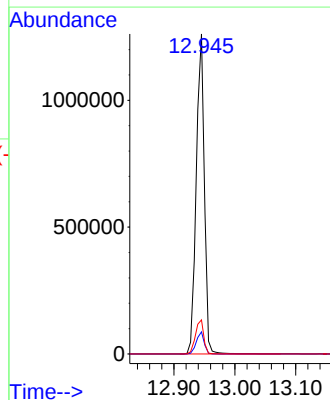
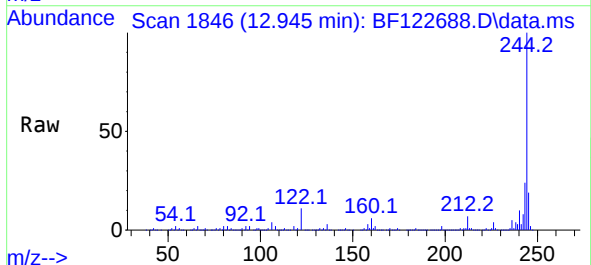
Instrument :
BNA_F
ClientSampled :
RBR-24

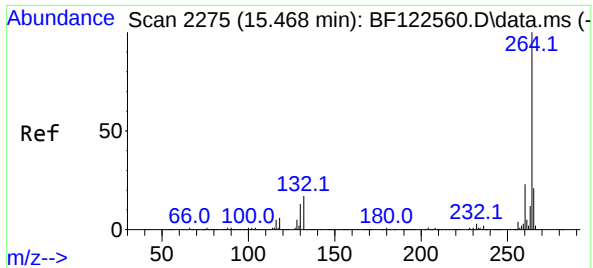
Tgt Ion:240 Resp: 422689
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 48.15 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122688.D
Acq: 12 Dec 2020 20:15

Tgt Ion:244 Resp: 1162670
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.012 min
 Lab File: BF122688.D
 Acq: 12 Dec 2020 20:15

Instrument :
 BNA_F
 ClientSampleId :
 RBR-24

Tgt Ion:264 Resp: 373893

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.7	17.0	25.6

