

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
 Data File : BF122690.D
 Acq On : 12 Dec 2020 21:18
 Operator : JU/CG
 Sample : L5045-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-78

Quant Time: Dec 13 23:46:52 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)

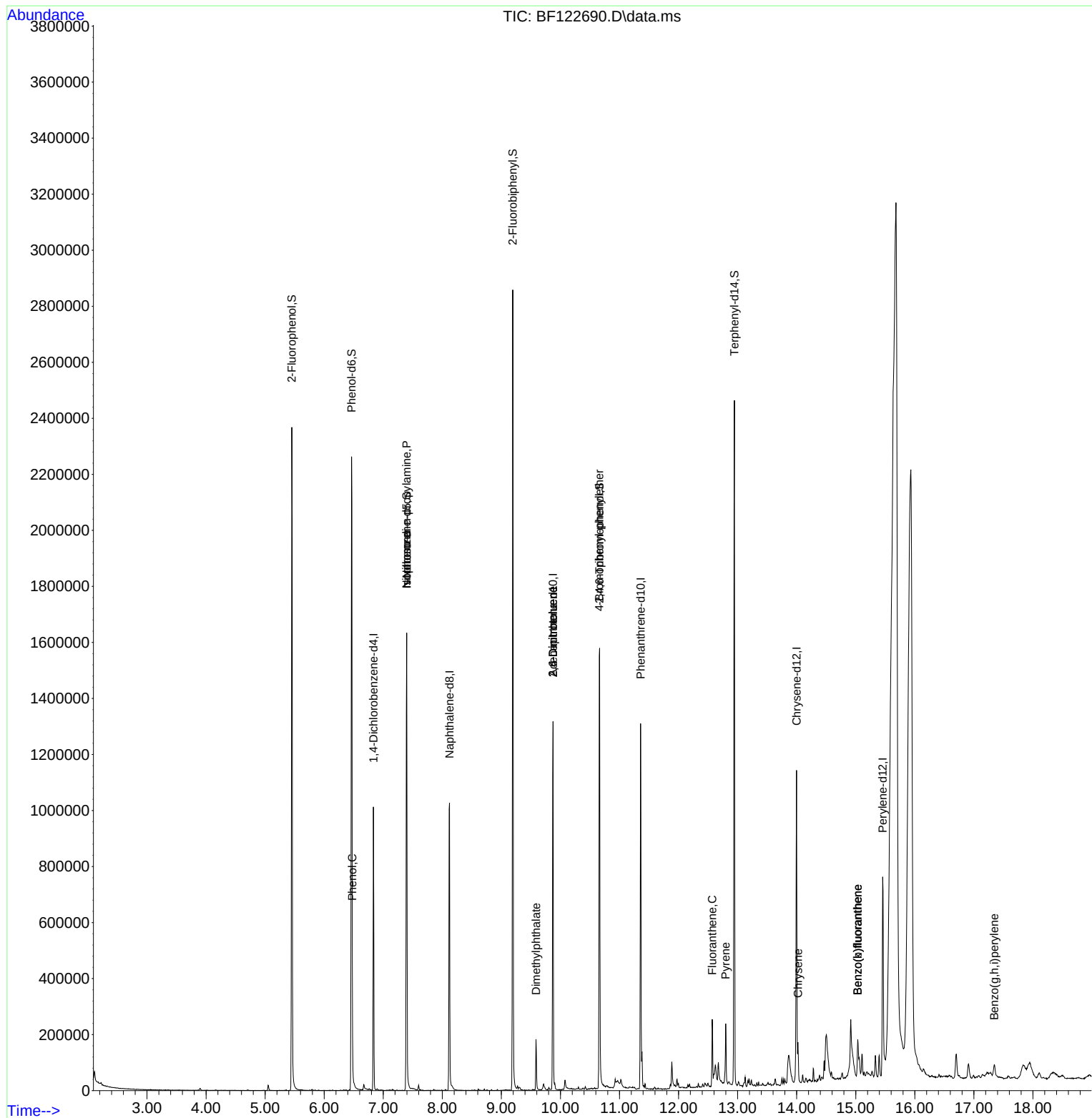
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	141866	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	544131	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	278507	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	484143	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	357212	20.00	ng	-0.01
86) Perylene-d12	15.457	264	341701	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	720192	80.37	ng	0.00
7) Phenol-d6	6.463	99	907979	76.40	ng	-0.02
23) Nitrobenzene-d5	7.398	82	559411	51.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	238208	65.34	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	891535	43.30	ng	-0.01
79) Terphenyl-d14	12.945	244	785077	38.47	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.475	94	52709	4.28	ng	92
19) n-Nitroso-di-n-propyla...	7.398	70	71582	10.52	ng	# 76
25) Isophorone	7.398	82	551300	29.47	ng	# 65
50) Dimethylphthalate	9.586	163	80700	3.63	ng	# 98
51) 2,6-Dinitrotoluene	9.875	165	35955	7.65	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	35955	5.75	ng	# 25
67) 4-Bromophenyl-phenylether	10.657	248	14285	2.18	ng	# 1
75) Fluoranthene	12.568	202	99979	3.31	ng	99
78) Pyrene	12.798	202	89190	3.23	ng	98
83) Chrysene	14.021	228	53474	2.25	ng	97
88) Benzo(b)fluoranthene	15.033	252	97363	4.06	ng	99
89) Benzo(k)fluoranthene	15.033	252	97363	4.44	ng	98
92) Benzo(g,h,i)perylene	17.345	276	39447	2.22	ng	96

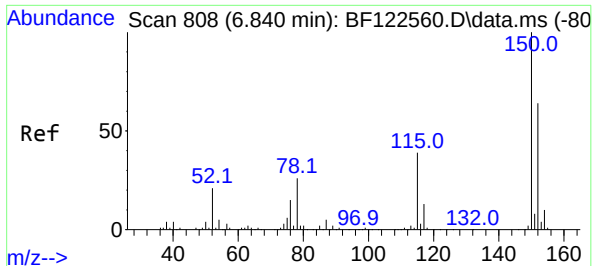
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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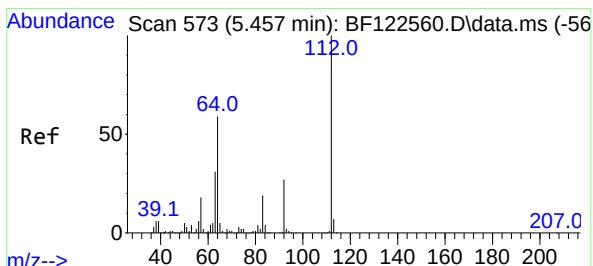
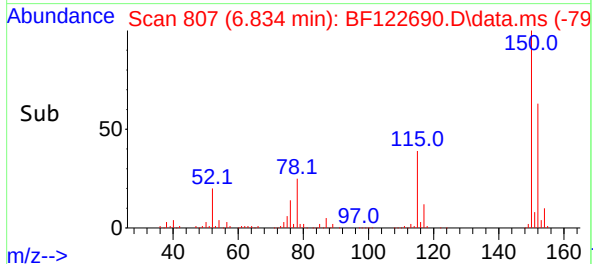
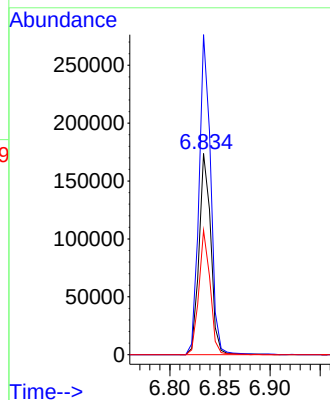
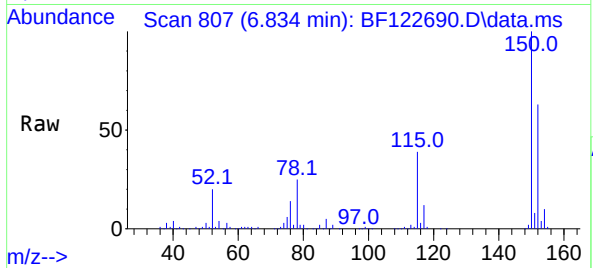




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

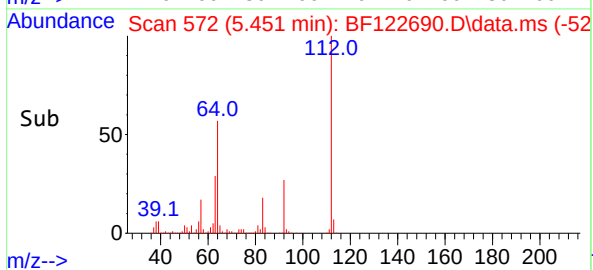
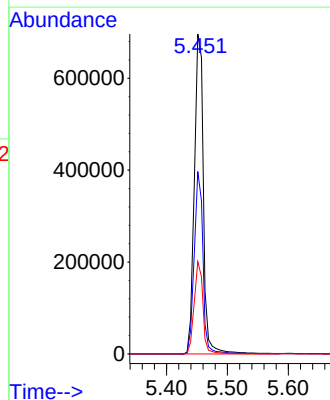
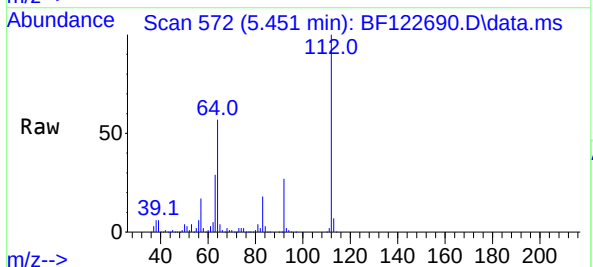
Instrument :
BNA_F
ClientSampleId :
RBR-78

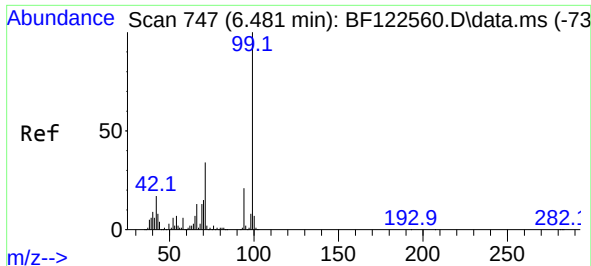
Tgt Ion:152 Resp: 141866
Ion Ratio Lower Upper
152 100
150 159.1 125.8 188.6
115 61.8 49.3 73.9



#5
2-Fluorophenol
Concen: 80.37 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion:112 Resp: 720192
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 28.9 24.5 36.7

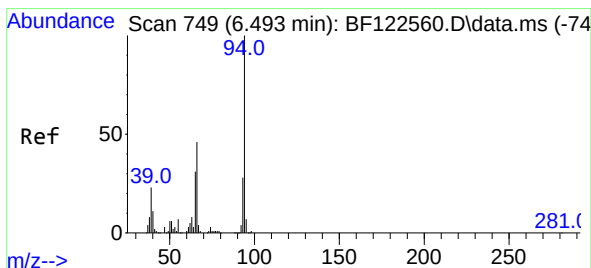
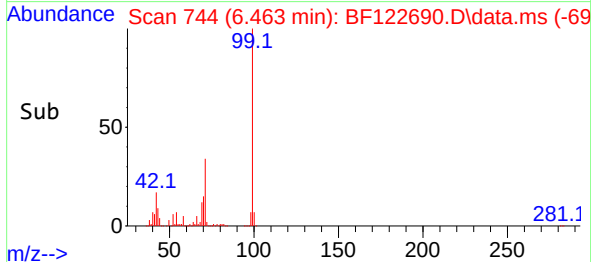
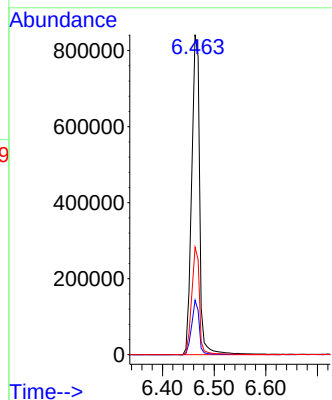
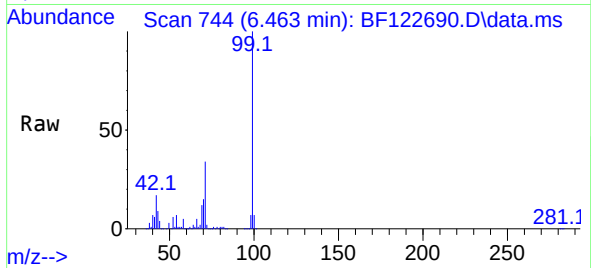




#7
Phenol-d6
Concen: 76.40 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

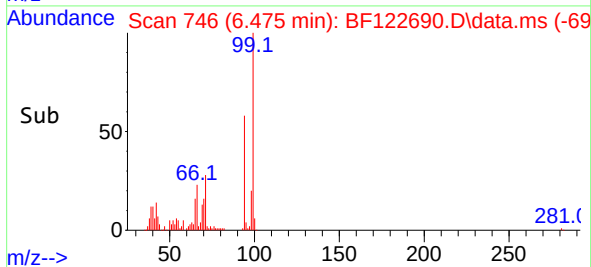
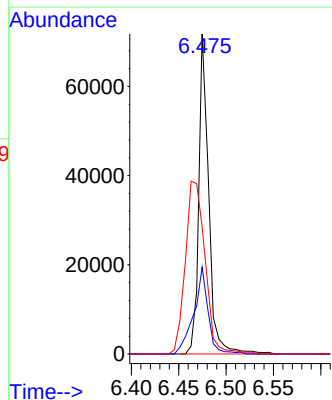
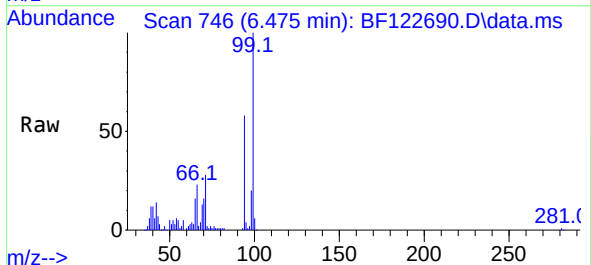
Instrument :
BNA_F
ClientSampleId :
RBR-78

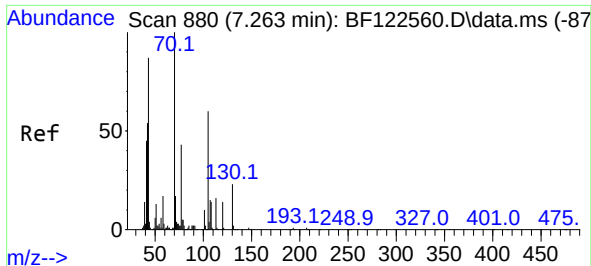
Tgt Ion: 99 Resp: 907979
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 33.6 26.9 40.3



#10
Phenol
Concen: 4.28 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion: 94 Resp: 52709
Ion Ratio Lower Upper
94 100
65 27.1 11.2 51.2
66 39.8 25.8 65.8





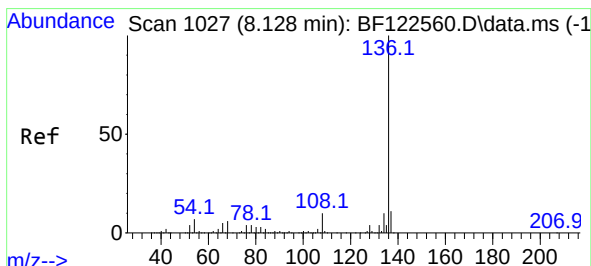
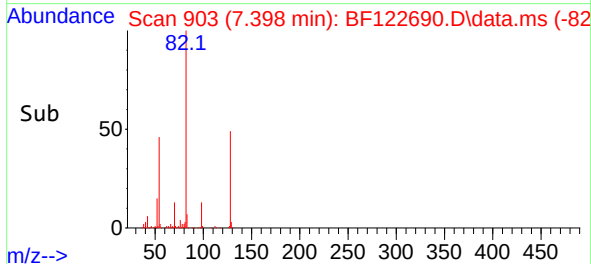
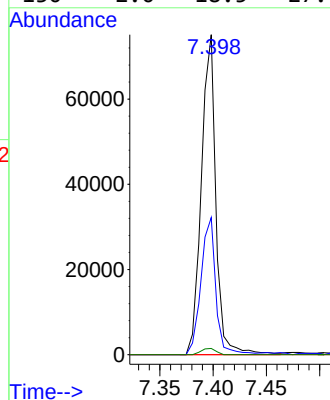
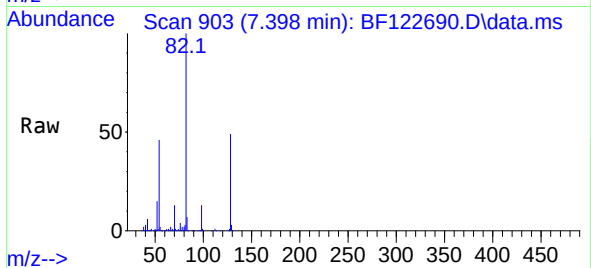
#19

n-Nitroso-di-n-propylamine
Concen: 10.52 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Instrument :
BNA_F
ClientSampleId :
RBR-78

Tgt Ion: 70 Resp: 71582

Ion	Ratio	Lower	Upper
70	100		
42	42.8	43.0	64.4#
101	0.0	7.9	11.9#
130	2.0	18.5	27.7#

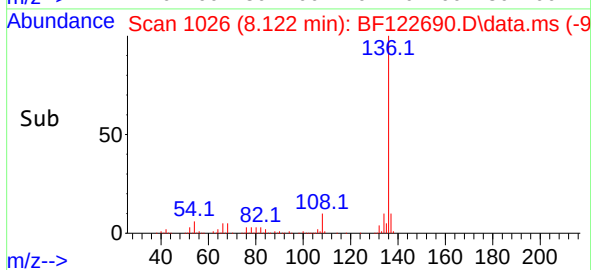
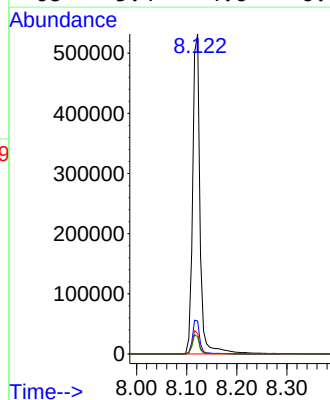
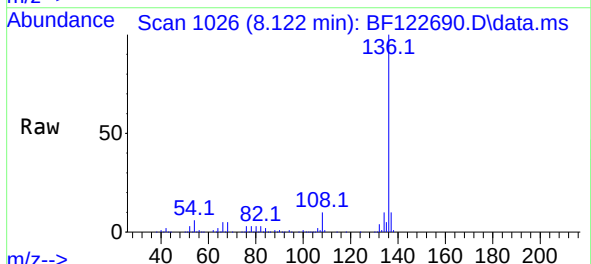


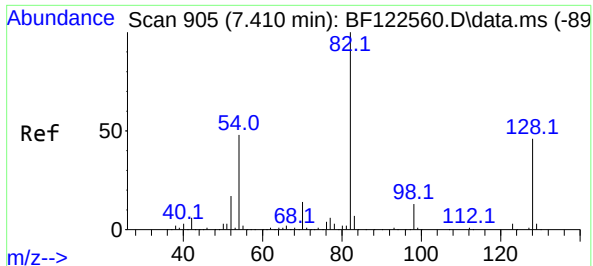
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion: 136 Resp: 544131

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	6.5	5.5	8.3
68	5.4	4.6	6.8

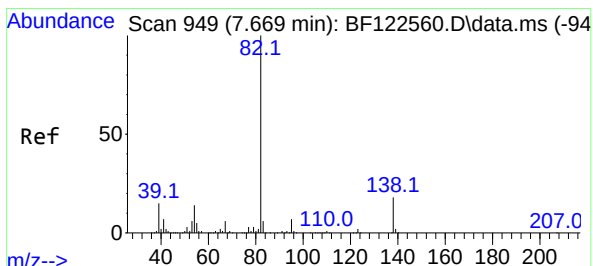
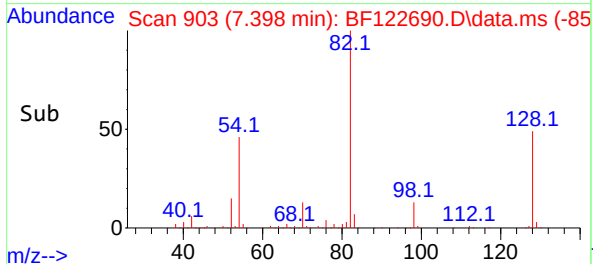
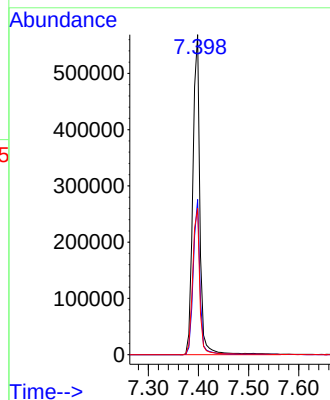
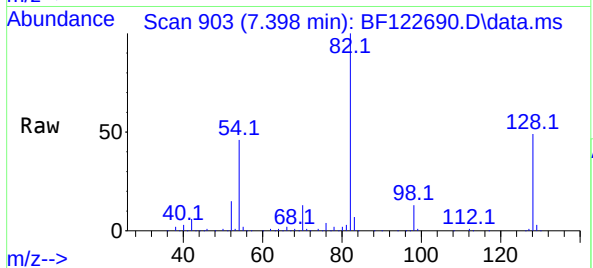




#23
Nitrobenzene-d5
Concen: 51.51 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

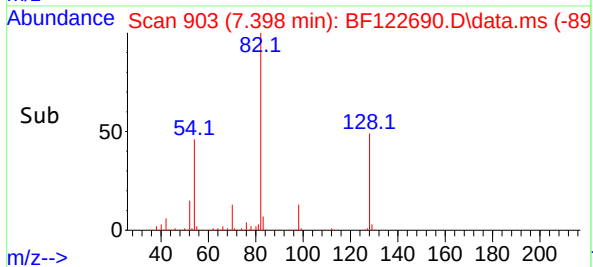
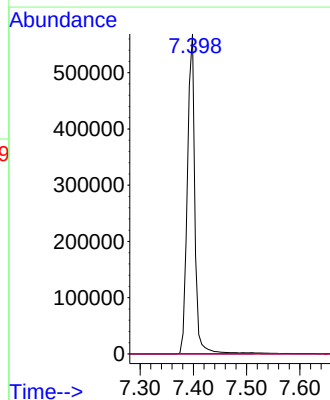
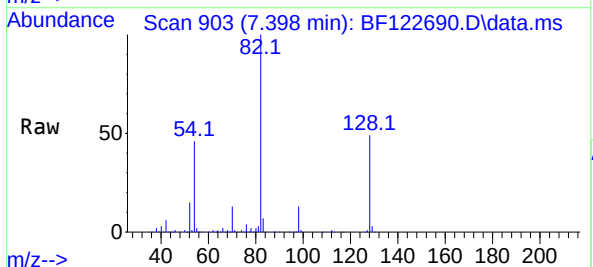
Instrument :
BNA_F
ClientSampleId :
RBR-78

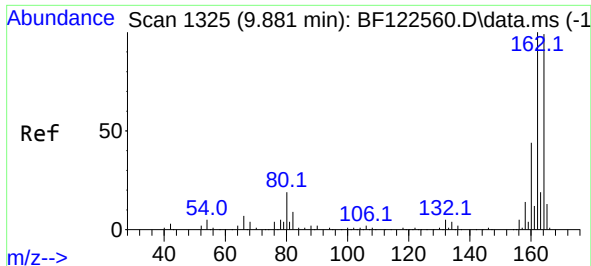
Tgt Ion: 82 Resp: 559411
Ion Ratio Lower Upper
82 100
128 48.5 37.0 55.4
54 45.7 38.4 57.6



#25
Isophorone
Concen: 29.47 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion: 82 Resp: 551300
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: BF122690.D

Acq: 12 Dec 2020 21:18

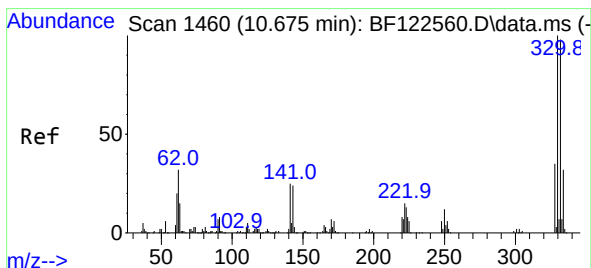
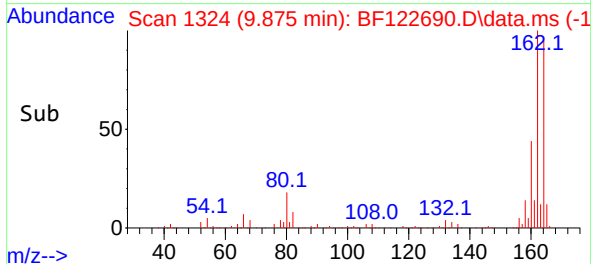
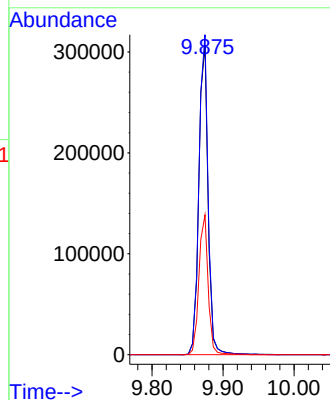
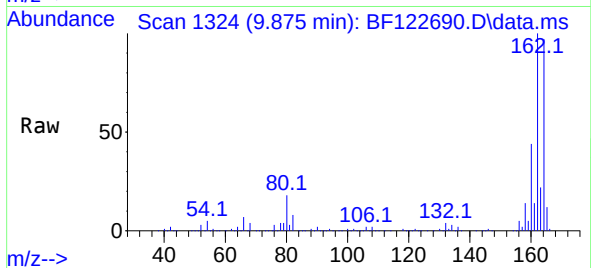
Tgt Ion:164 Resp: 278507

Ion Ratio Lower Upper

164 100

162 103.5 80.8 121.2

160 45.2 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 65.34 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122690.D

Acq: 12 Dec 2020 21:18

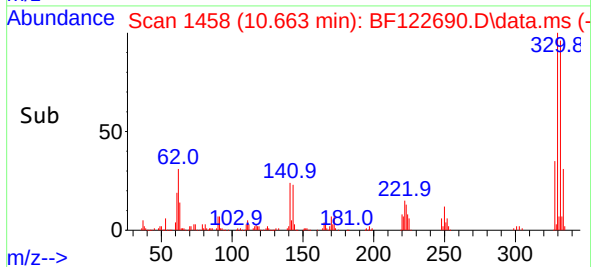
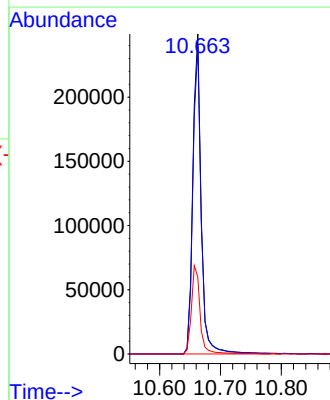
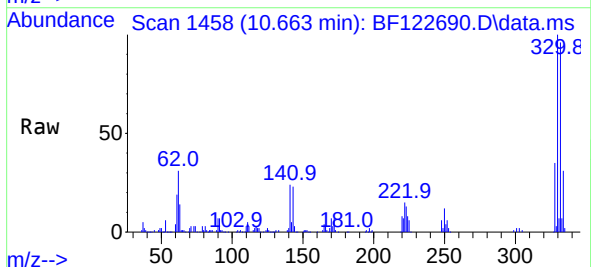
Tgt Ion:330 Resp: 238208

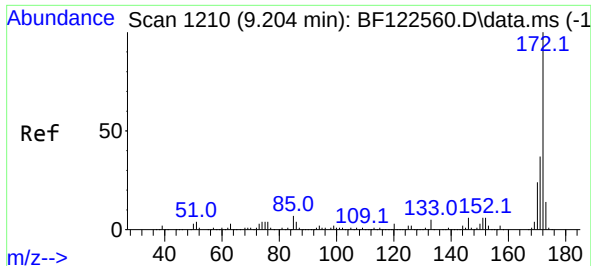
Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 28.7 23.8 35.8



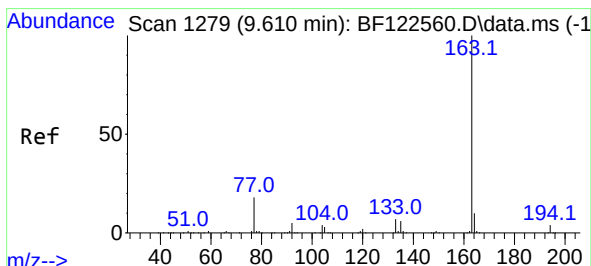
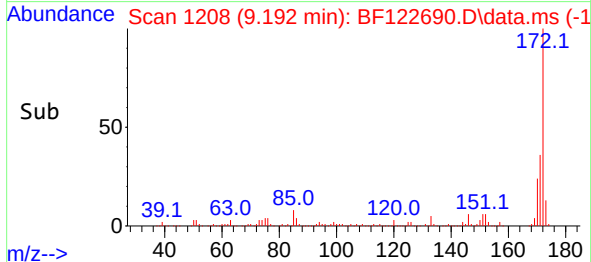
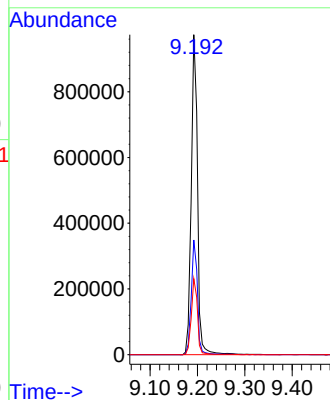
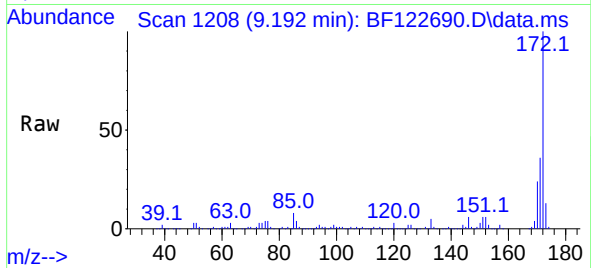


#45
2-Fluorobiphenyl
Concen: 43.30 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:172 Resp: 891535

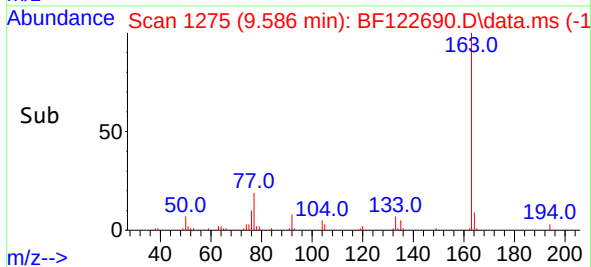
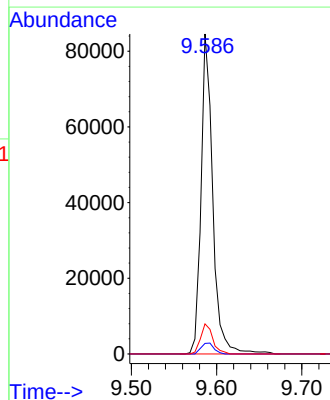
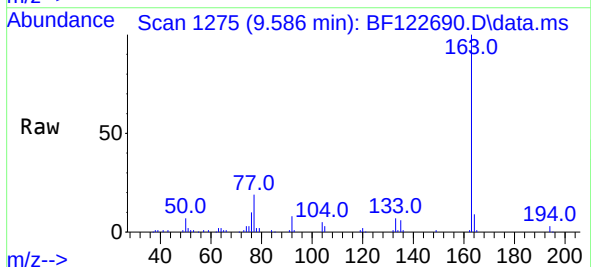
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	19.5	29.3

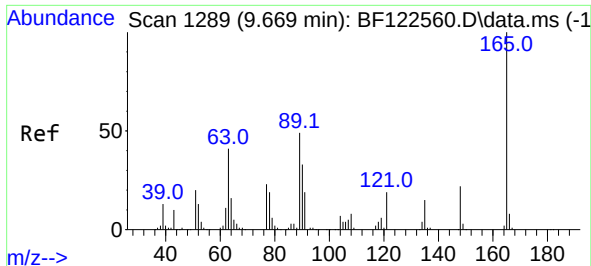


#50
Dimethylphthalate
Concen: 3.63 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.024 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion:163 Resp: 80700

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.4	5.0#
164	9.4	8.1	12.1

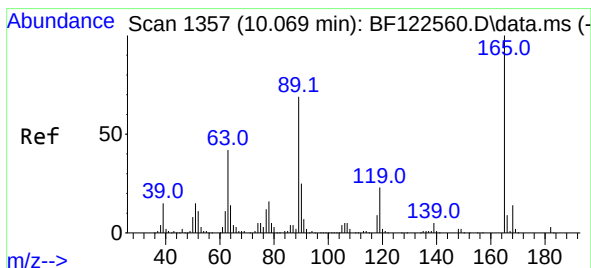
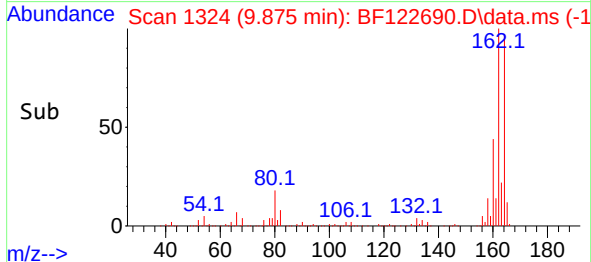
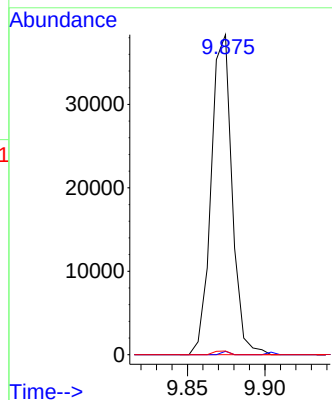
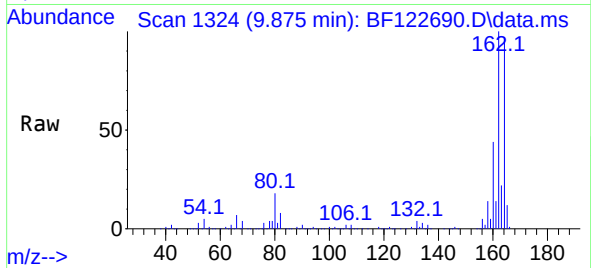




#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

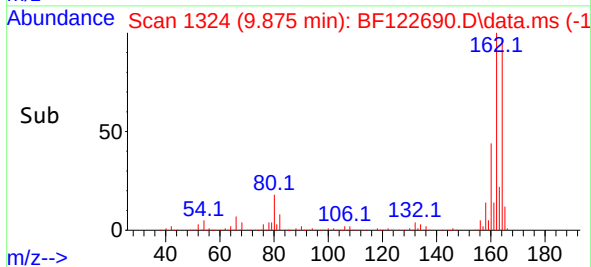
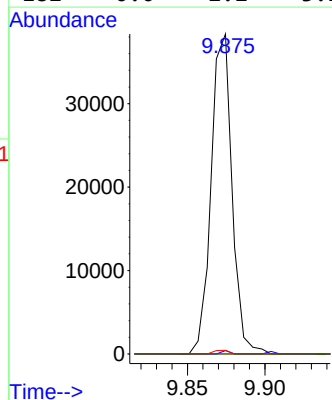
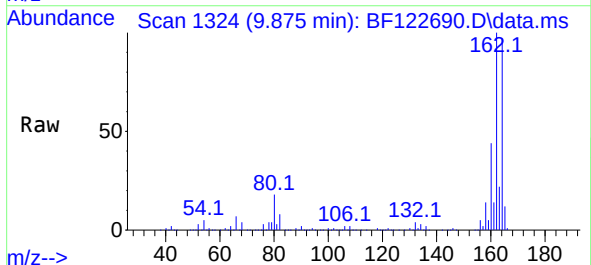
Instrument :
BNA_F
ClientSampleId :
RBR-78

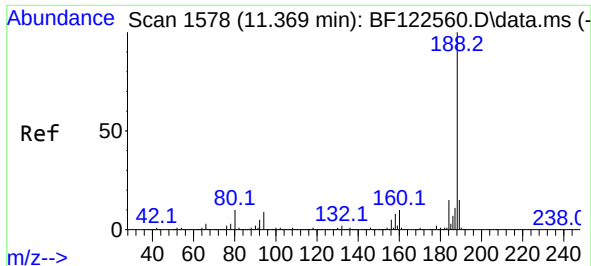
Tgt Ion:165 Resp: 35955
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion:165 Resp: 35955
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

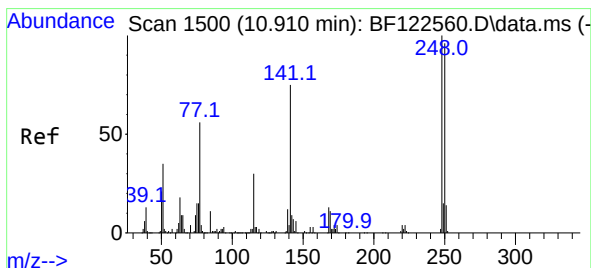
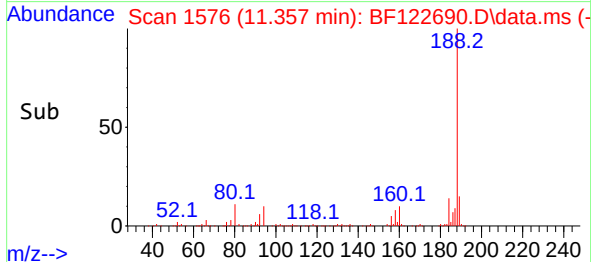
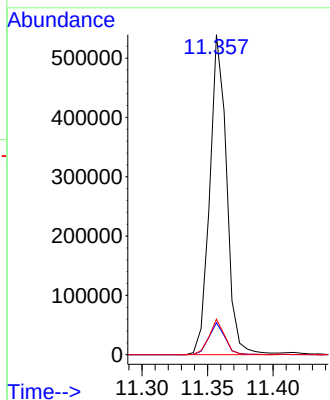
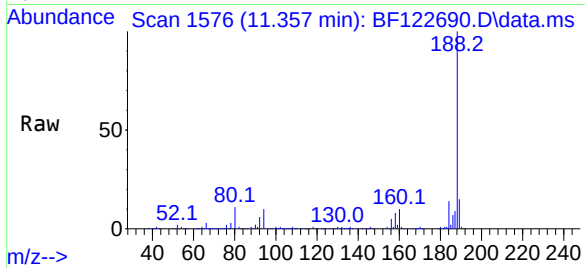




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

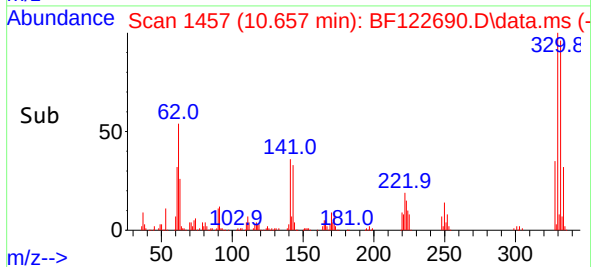
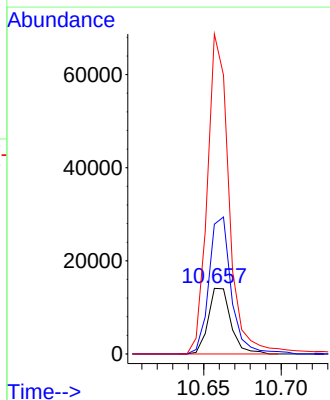
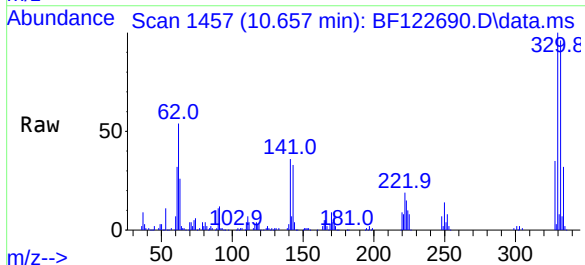
Instrument :
BNA_F
ClientSampleId :
RBR-78

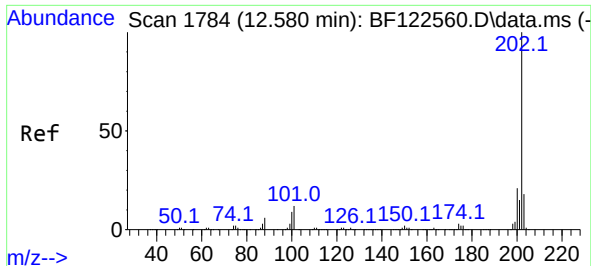
Tgt Ion:188	Resp:	484143
Ion Ratio	Lower	Upper
188	100	
94	10.0	7.4 11.2
80	11.1	8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.18 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.253 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion:248	Resp:	14285
Ion Ratio	Lower	Upper
248	100	
250	197.5	76.8 115.2#
141	487.2	59.8 89.8#

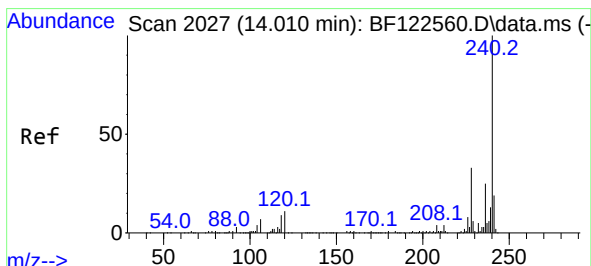
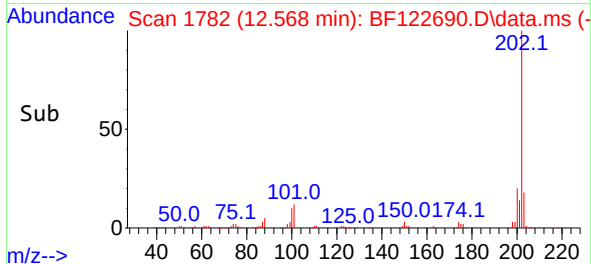
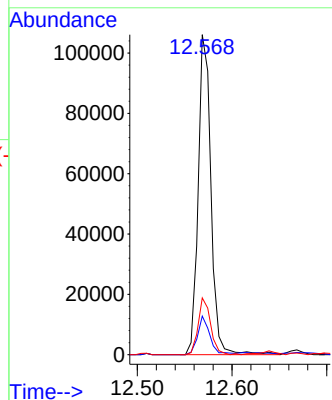
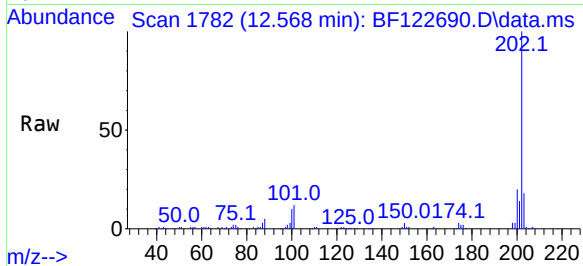




#75
Fluoranthene
Concen: 3.31 ng
RT: 12.568 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

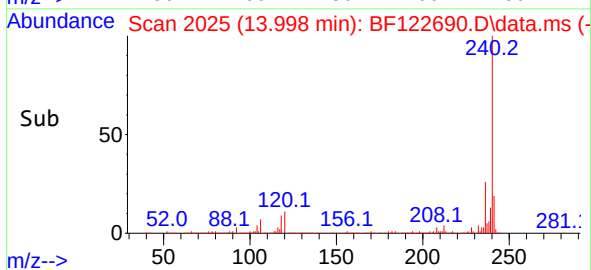
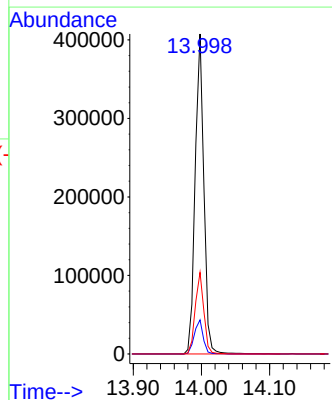
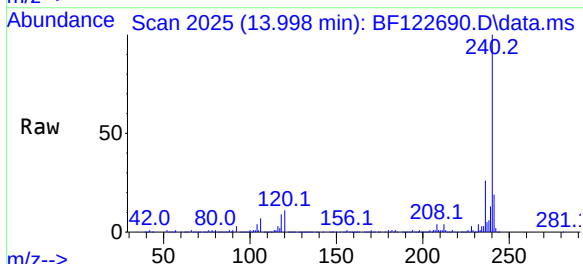
Instrument :
BNA_F
ClientSampleId :
RBR-78

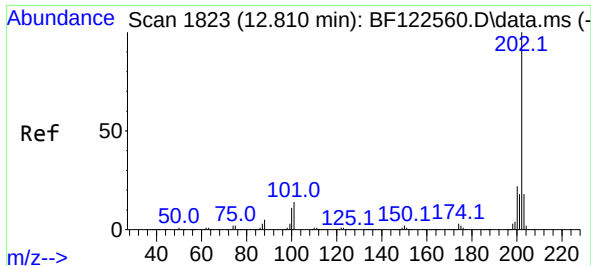
Tgt Ion:	202	Resp:	99979
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.2
203	17.8	0.0	38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion:	240	Resp:	357212
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	12.8
236	25.5	20.3	30.5

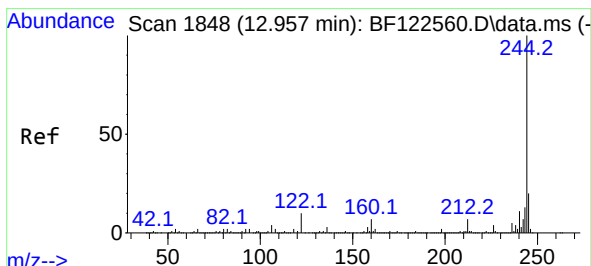
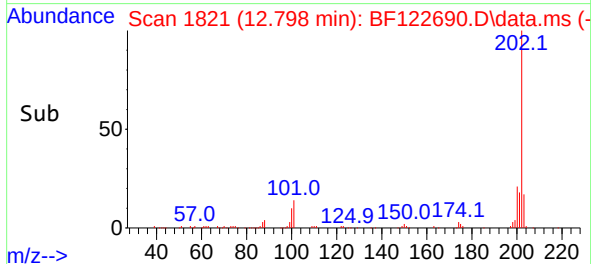
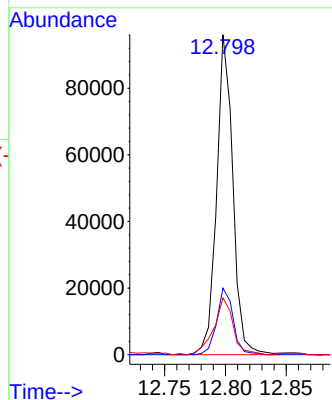
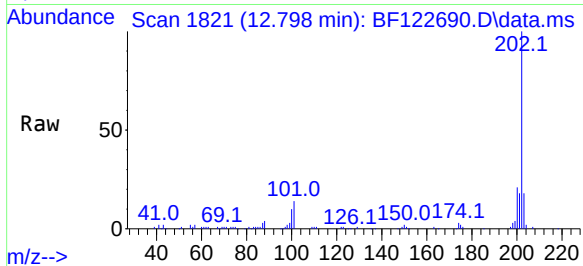




#78
Pyrene
Concen: 3.23 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

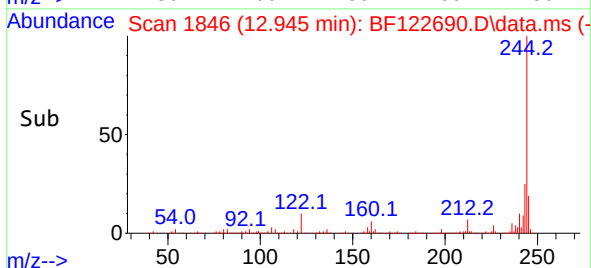
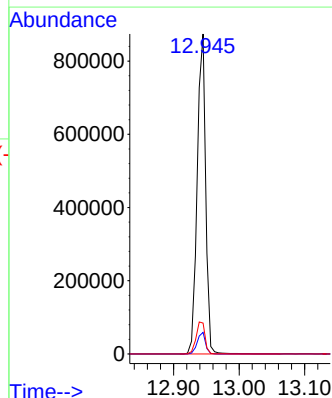
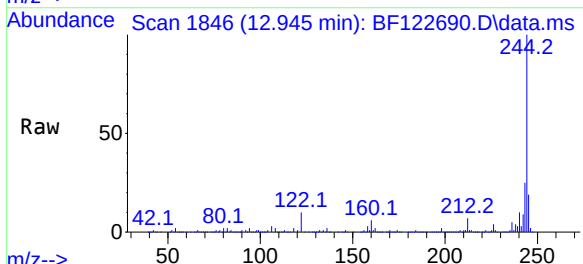
Instrument :
BNA_F
ClientSampleId :
RBR-78

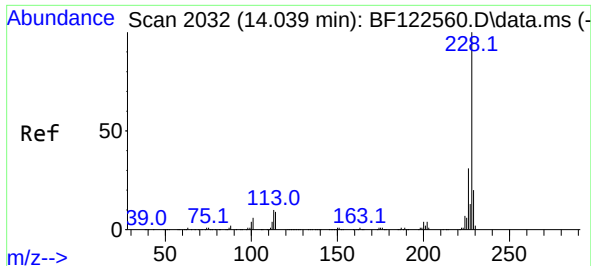
Tgt Ion:	202	Resp:	89190
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	17.7	14.6	21.8



#79
Terphenyl-d14
Concen: 38.47 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion:	244	Resp:	785077
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.7	8.5
122	9.7	8.3	12.5



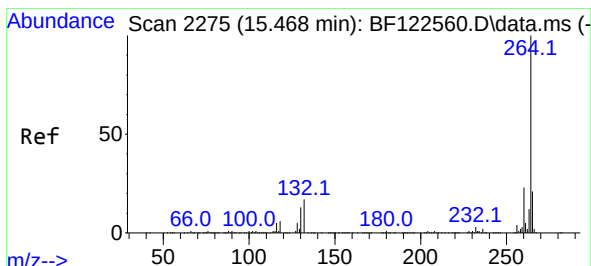
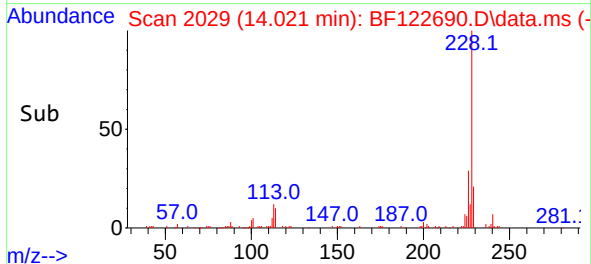
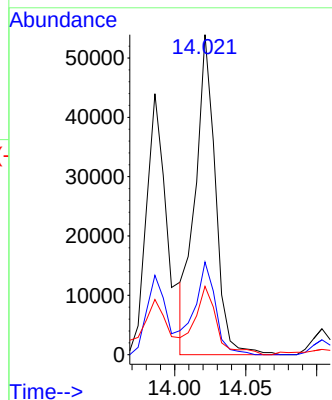
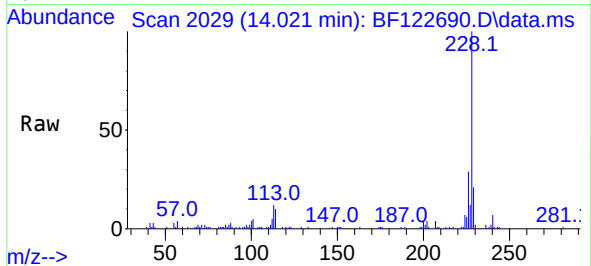


#83
Chrysene
Concen: 2.25 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.018 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Instrument :
BNA_F
ClientSampleId :
RBR-78

Tgt Ion:228 Resp: 53474

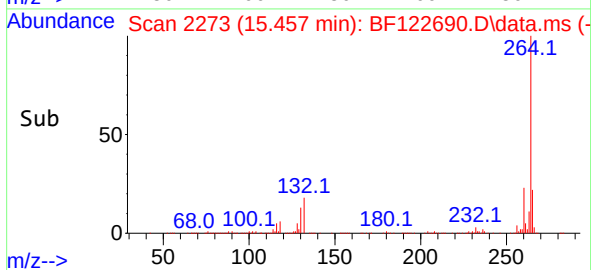
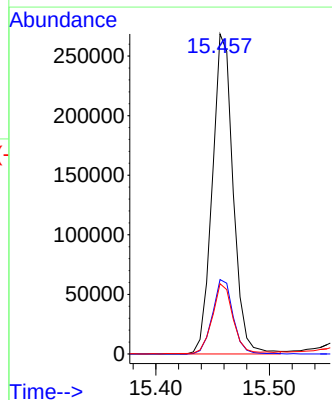
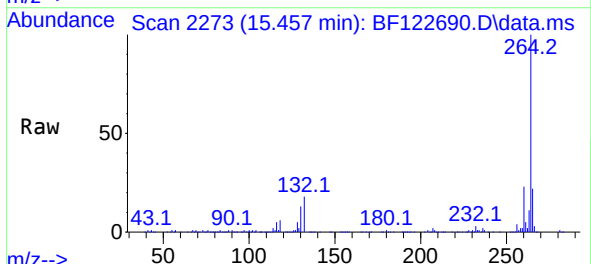
Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.6	36.8
229	21.4	15.8	23.6

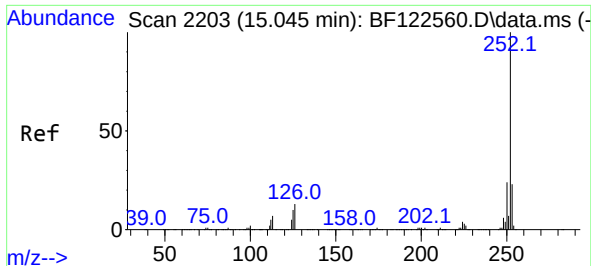


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion:264 Resp: 341701

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	22.0	17.0	25.6

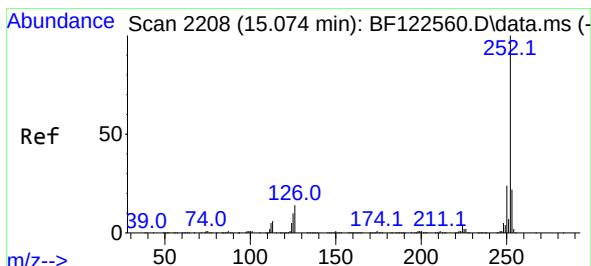
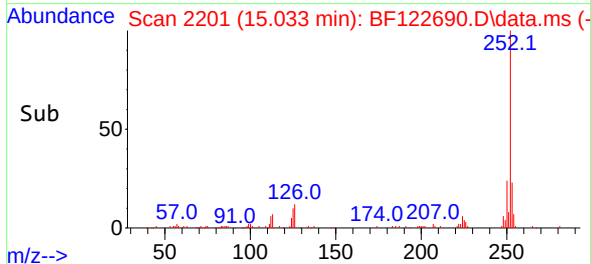
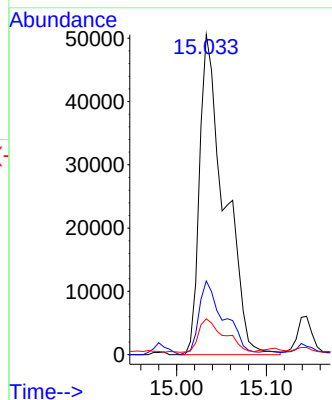
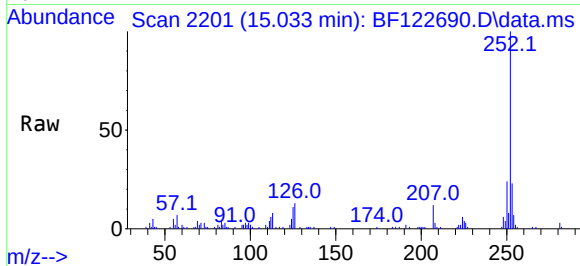




#88
Benzo(b)fluoranthene
Concen: 4.06 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

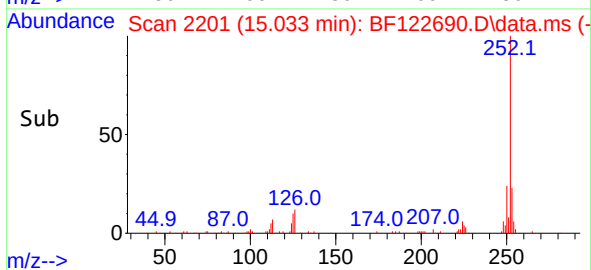
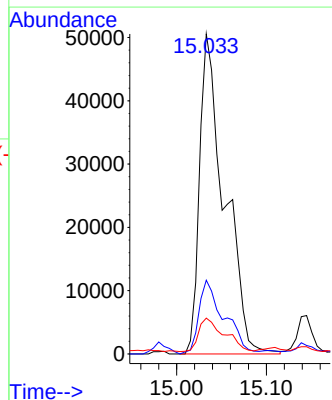
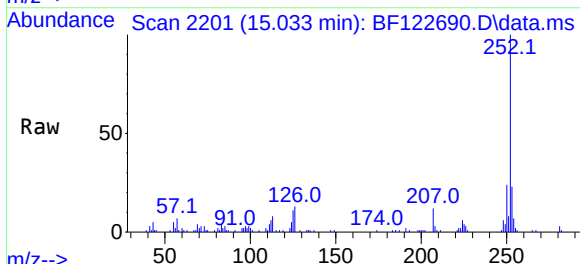
Instrument :
BNA_F
ClientSampleId :
RBR-78

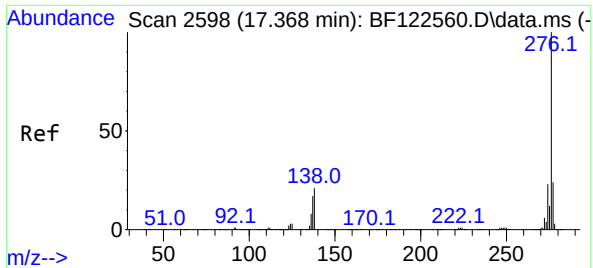
Tgt Ion:	252	Resp:	97363
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.3	27.5
125	11.2	8.1	12.1



#89
Benzo(k)fluoranthene
Concen: 4.44 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.041 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Tgt Ion:	252	Resp:	97363
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.8
125	11.2	8.4	12.6





#92
Benzo(g,h,i)perylene
Concen: 2.22 ng
RT: 17.345 min Scan# 2594
Delta R.T. -0.024 min
Lab File: BF122690.D
Acq: 12 Dec 2020 21:18

Instrument :
BNA_F
ClientSampleId :
RBR-78

Tgt Ion:276 Resp: 39447
Ion Ratio Lower Upper
276 100
277 22.7 19.3 28.9
138 22.8 16.6 24.8

