

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122587.D
 Acq On : 8 Dec 2020 14:35
 Operator : JU/CG
 Sample : L4965-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT002

Quant Time: Dec 08 15:32:09 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)

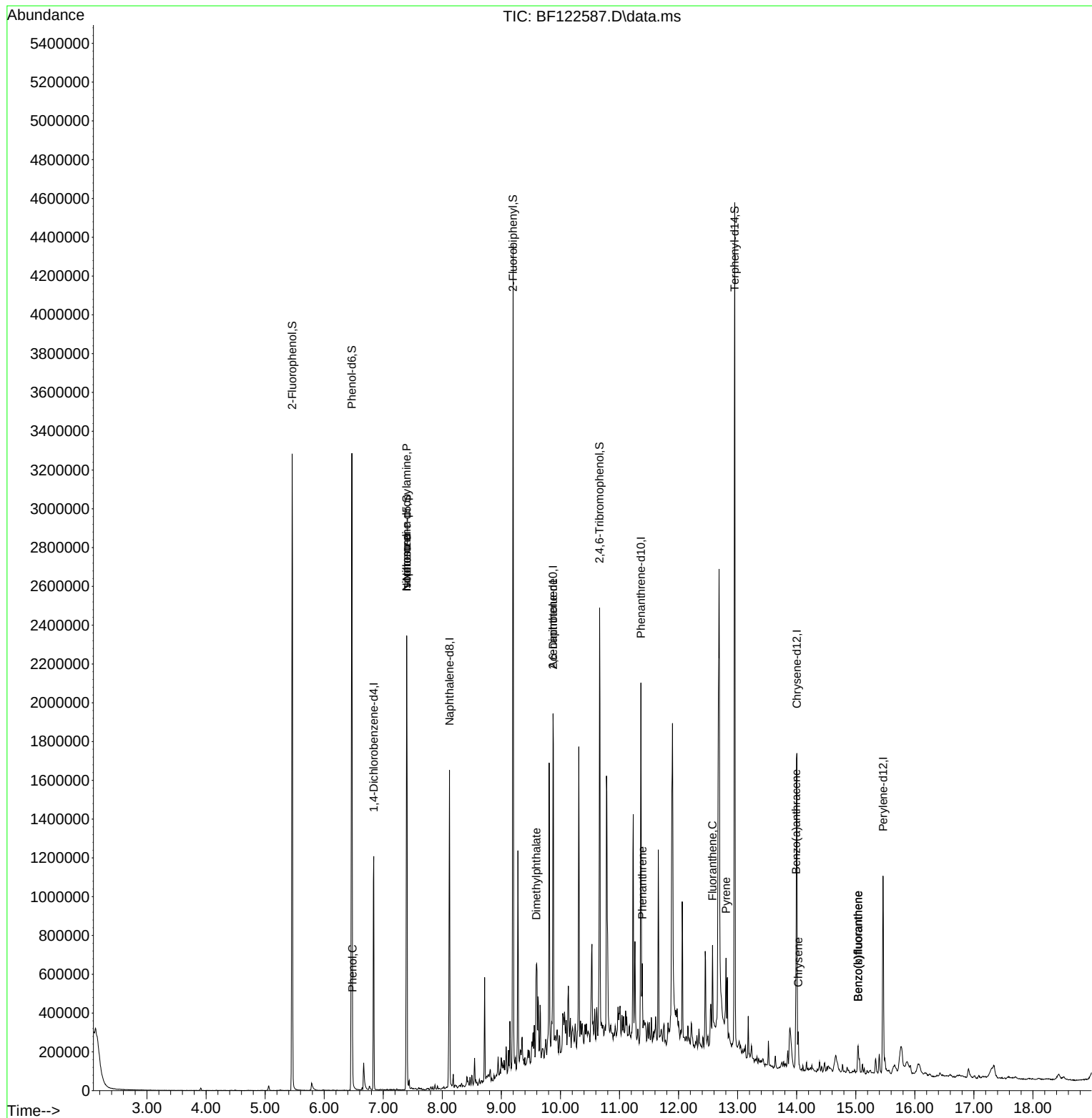
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	177767	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	690996	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	362286	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	666806	20.00	ng	0.00
76) Chrysene-d12	14.004	240	568722	20.00	ng	0.00
86) Perylene-d12	15.462	264	469475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	979529	87.23	ng	0.00
7) Phenol-d6	6.469	99	1230460	82.63	ng	-0.01
23) Nitrobenzene-d5	7.398	82	776199	56.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	299550	63.17	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1303700	48.67	ng	0.00
79) Terphenyl-d14	12.951	244	1345387	41.41	ng	0.00
Target Compounds						
10) Phenol	6.481	94	37251	2.41	ng	Qvalue 90
19) n-Nitroso-di-n-propyla...	7.398	70	101379	11.88	ng	# 79
25) Isophorone	7.398	82	767693	32.32	ng	# 65
50) Dimethylphthalate	9.592	163	86598	2.99	ng	99
51) 2,6-Dinitrotoluene	9.875	165	48268	7.90	ng	# 33
71) Phenanthrene	11.386	178	131061	3.31	ng	98
75) Fluoranthene	12.574	202	175666	4.23	ng	98
78) Pyrene	12.804	202	151101	3.44	ng	98
81) Benzo(a)anthracene	13.992	228	81838	2.15	ng	97
83) Chrysene	14.027	228	78060	2.06	ng	95
88) Benzo(b)fluoranthene	15.039	252	107149	3.25	ng	98
89) Benzo(k)fluoranthene	15.039	252	107149	3.56	ng	99

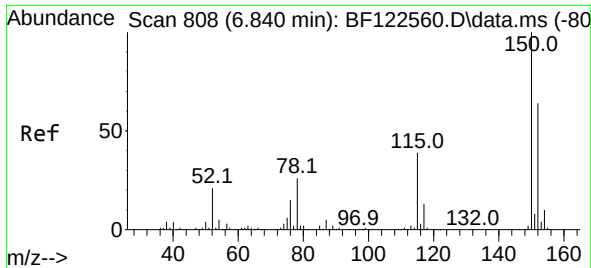
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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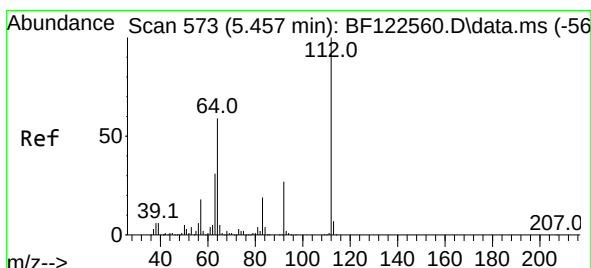
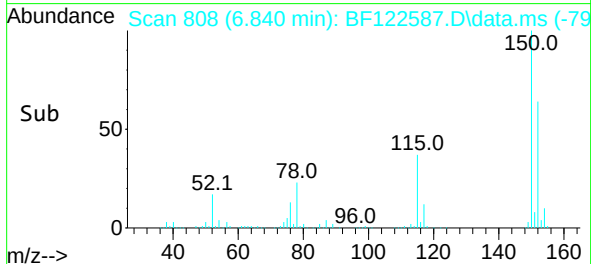
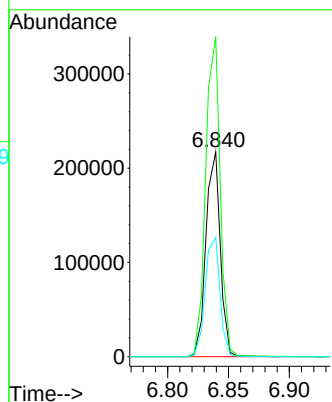
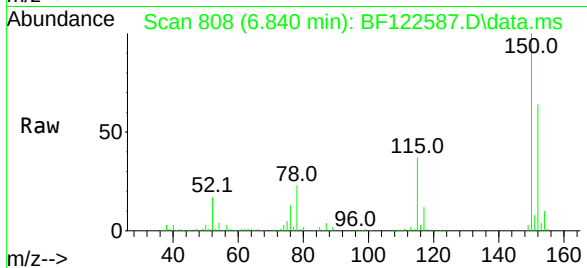




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

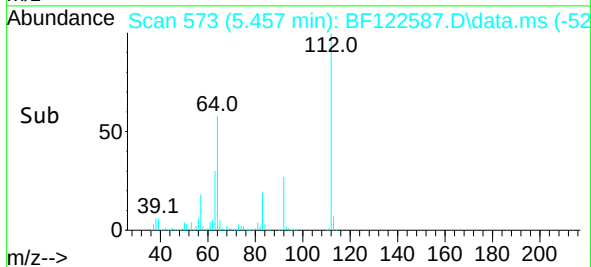
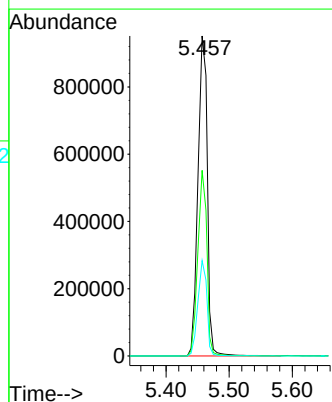
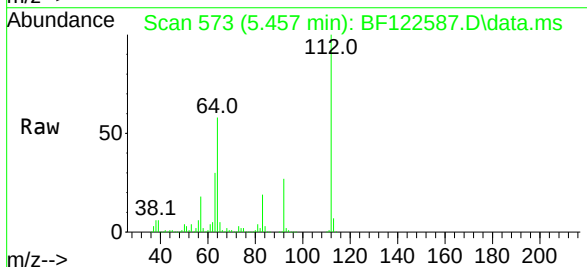
Instrument :
BNA_F
ClientSampleId :
CRT002

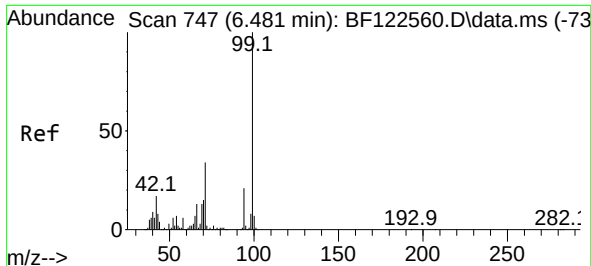
Tgt Ion:152 Resp: 177767
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 58.1 49.3 73.9



#5
2-Fluorophenol
Concen: 87.23 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

Tgt Ion:112 Resp: 979529
Ion Ratio Lower Upper
112 100
64 58.0 46.9 70.3
63 29.8 24.5 36.7

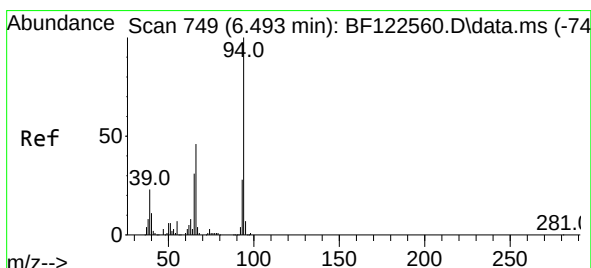
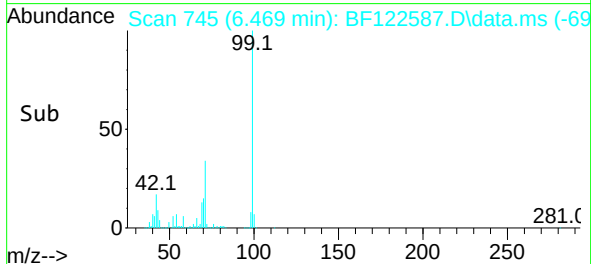
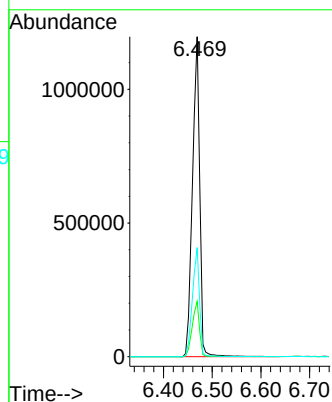
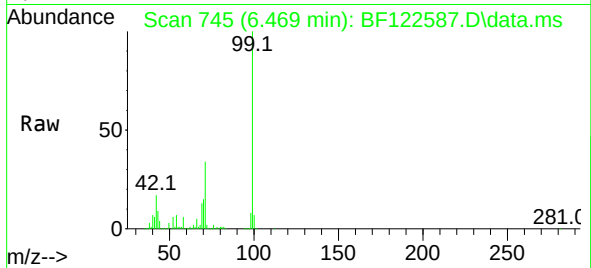




#7
Phenol-d6
Concen: 82.63 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

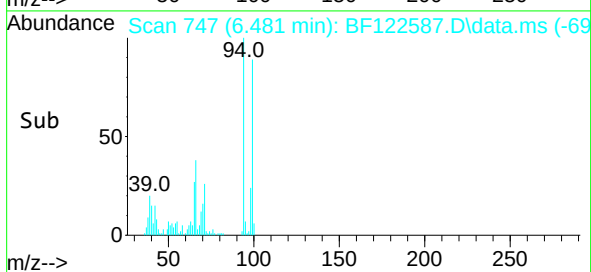
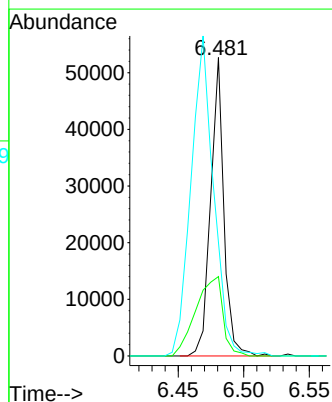
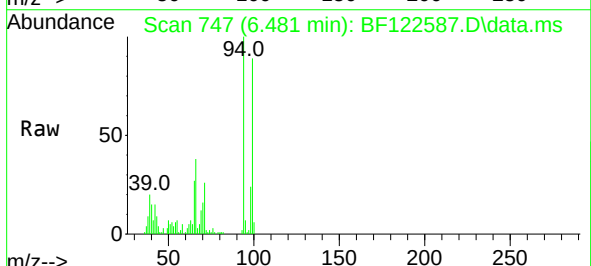
Instrument :
BNA_F
ClientSampleId :
CRT002

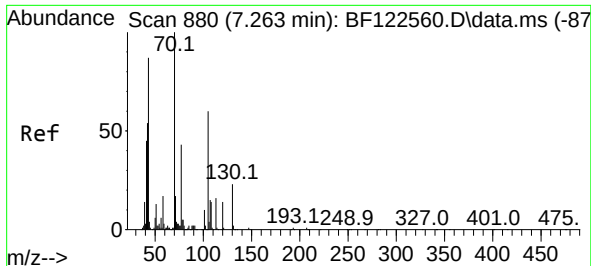
Tgt Ion: 99 Resp: 1230460
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.6
71 34.1 26.9 40.3



#10
Phenol
Concen: 2.41 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

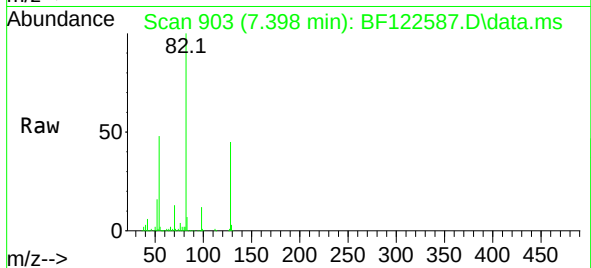
Tgt Ion: 94 Resp: 37251
Ion Ratio Lower Upper
94 100
65 26.6 11.2 51.2
66 38.1 25.8 65.8



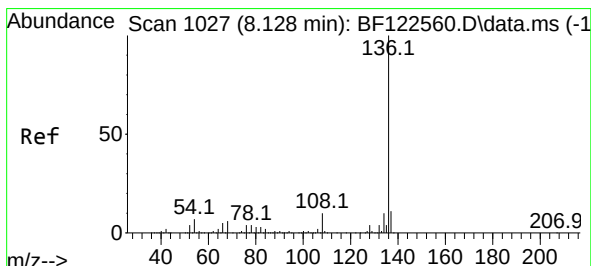
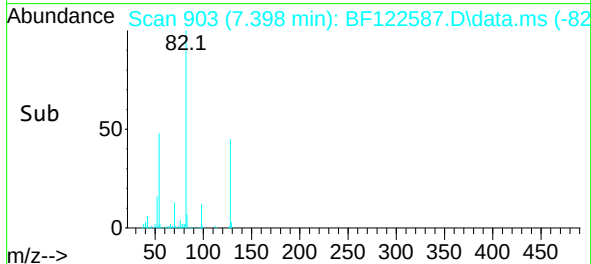
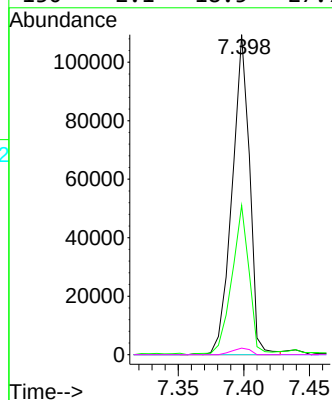


#19
n-Nitroso-di-n-propylamine
Concen: 11.88 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

Instrument :
BNA_F
ClientSampled :
CRT002

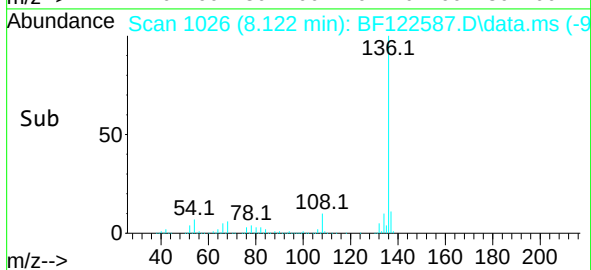
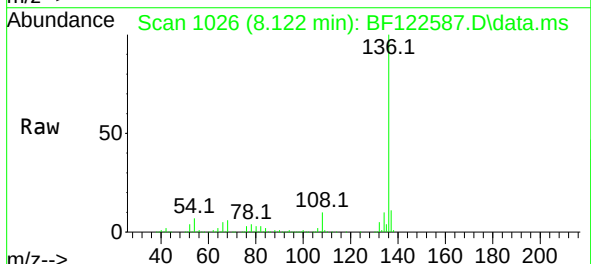
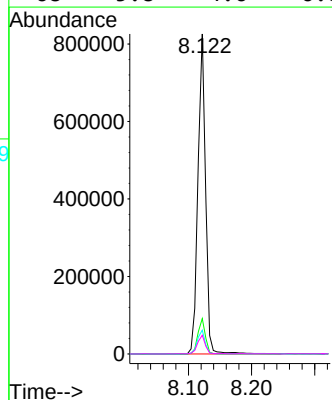


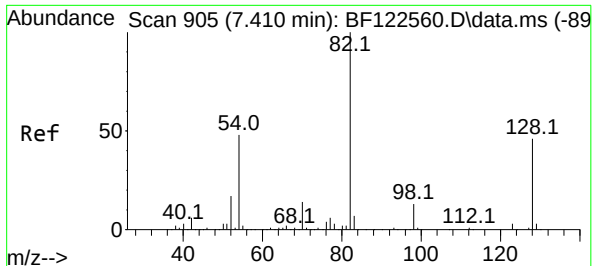
Tgt Ion: 70 Resp: 101379
Ion Ratio Lower Upper
70 100
42 46.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

Tgt Ion: 136 Resp: 690996
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.4 5.5 8.3
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 56.28 ng

RT: 7.398 min Scan# 903

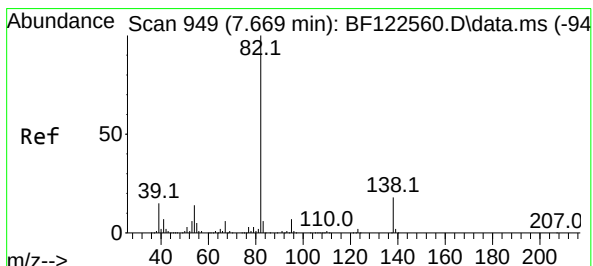
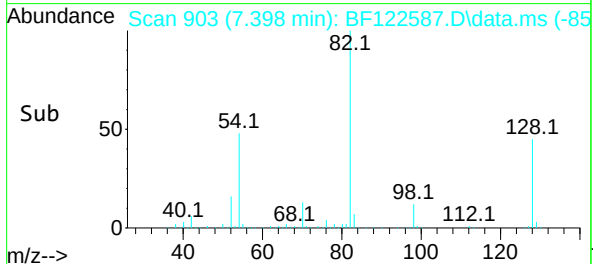
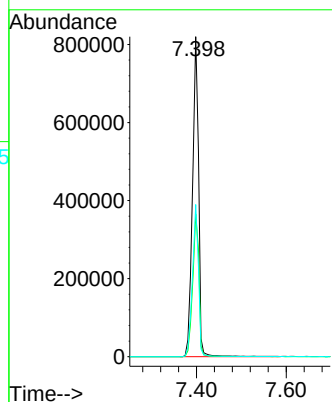
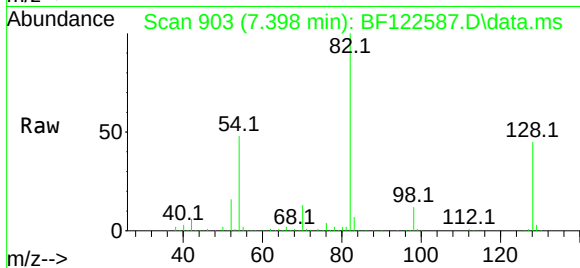
Delta R.T. -0.012 min

Lab File: BF122587.D

Acq: 8 Dec 2020 14:35

Tgt Ion: 82 Resp: 776199

Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.0	55.4
54	47.6	38.4	57.6



#25

Isophorone

Concen: 32.32 ng

RT: 7.398 min Scan# 903

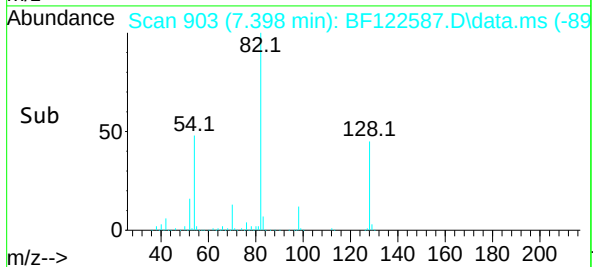
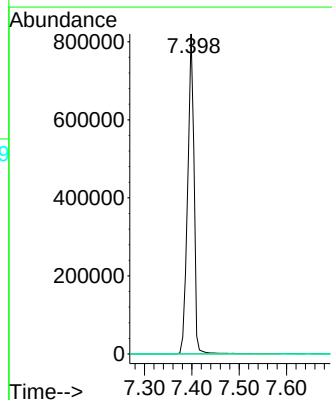
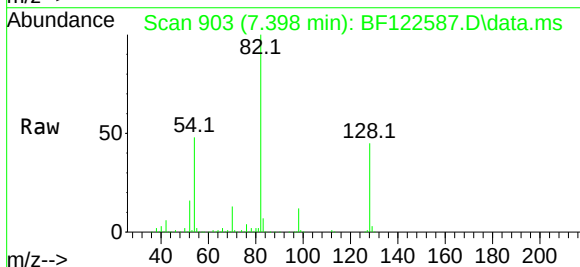
Delta R.T. -0.271 min

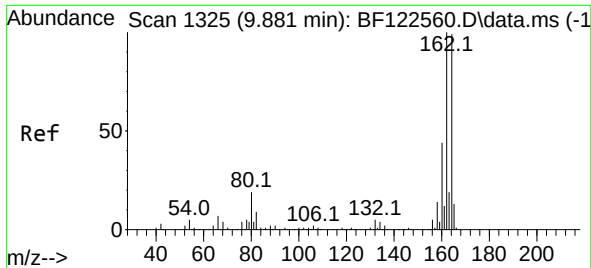
Lab File: BF122587.D

Acq: 8 Dec 2020 14:35

Tgt Ion: 82 Resp: 767693

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

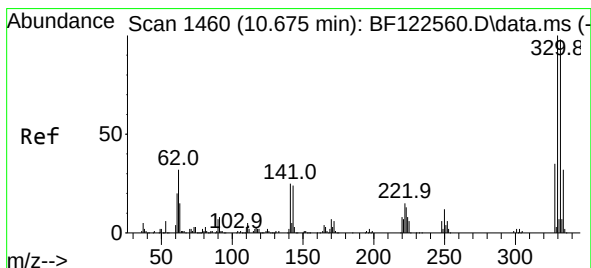
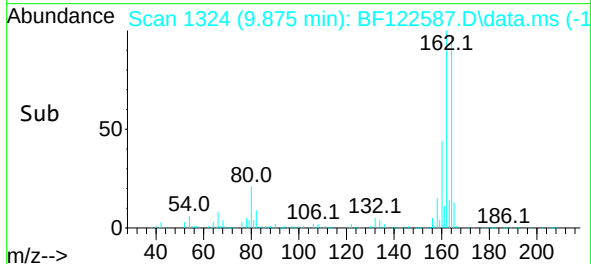
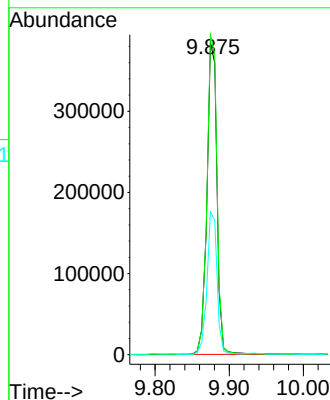
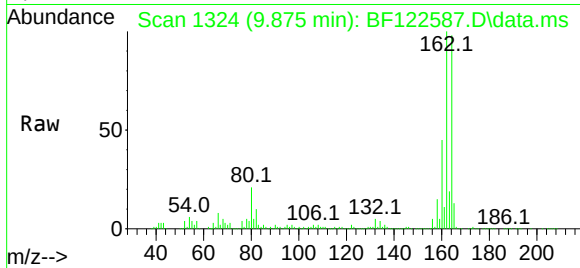




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

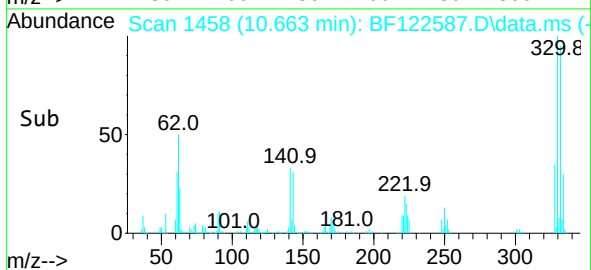
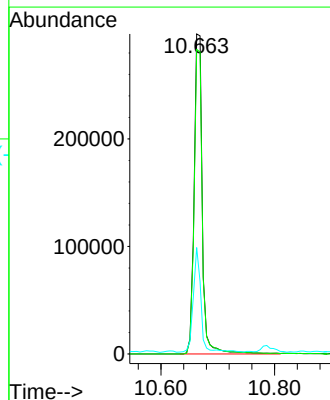
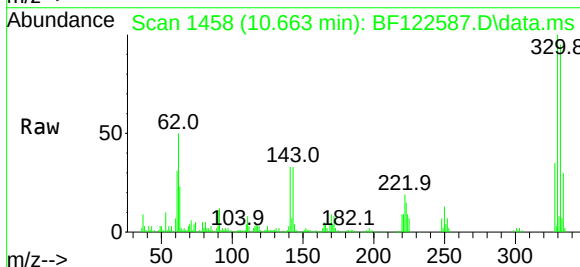
Instrument :
BNA_F
ClientSampled :
CRT002

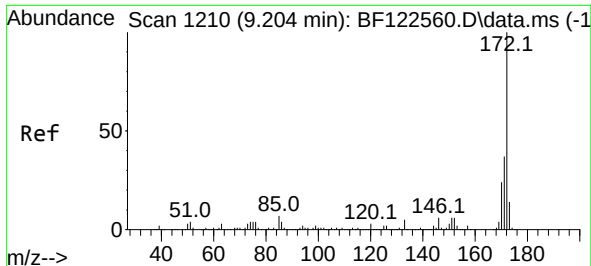
Tgt Ion:164 Resp: 362286
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 45.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 63.17 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

Tgt Ion:330 Resp: 299550
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 28.9 23.8 35.8

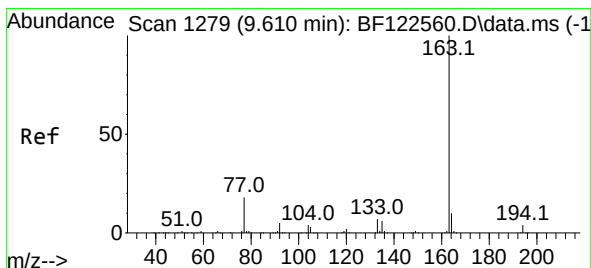
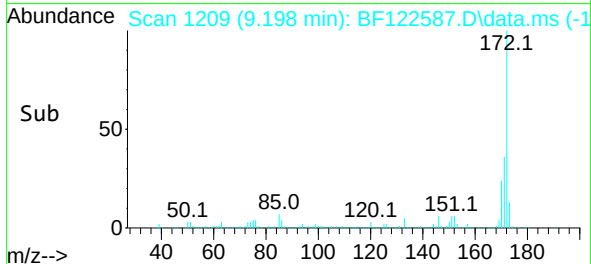
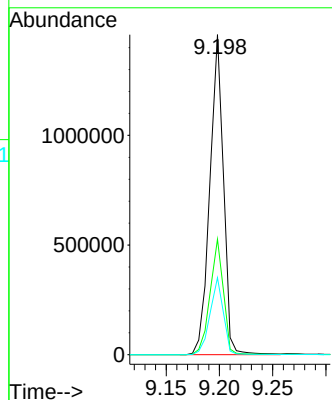
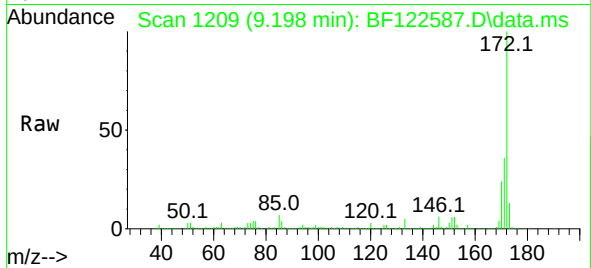




#45
2-Fluorobiphenyl
Concen: 48.67 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

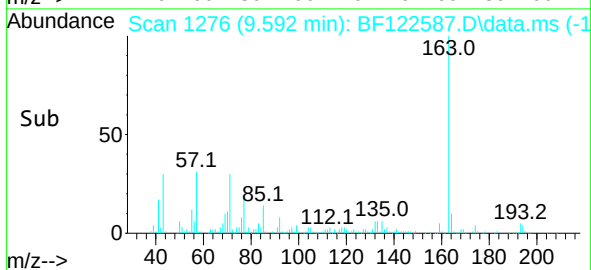
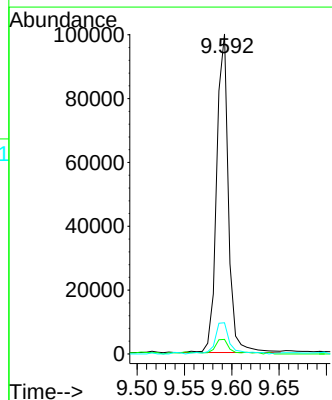
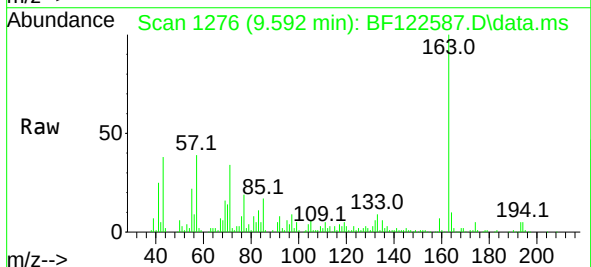
Instrument :
BNA_F
ClientSampleId :
CRT002

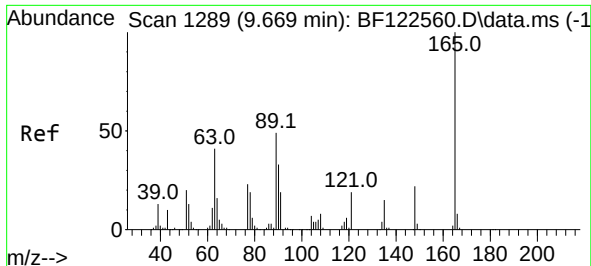
Tgt Ion:172 Resp: 1303700
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 2.99 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

Tgt Ion:163 Resp: 86598
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 9.8 8.1 12.1

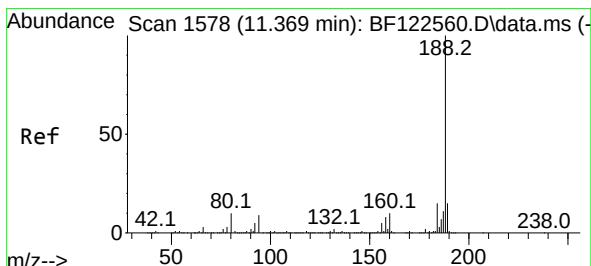
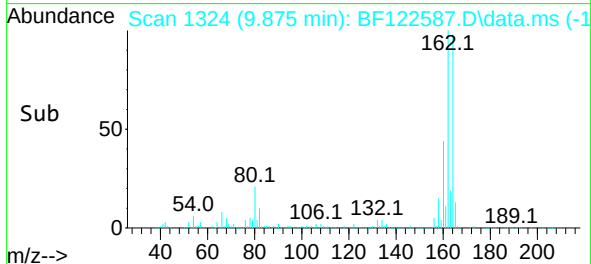
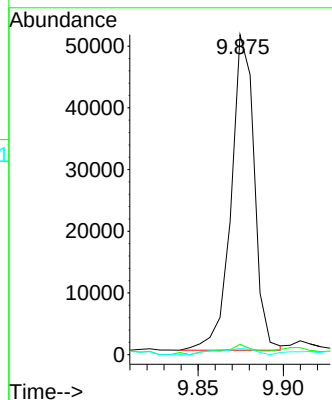
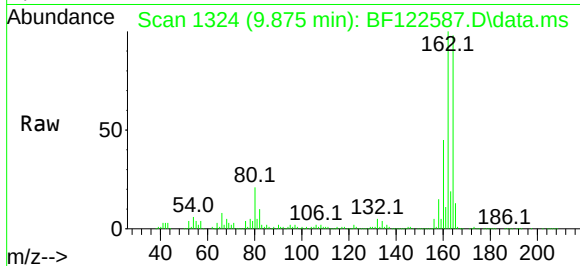




#51
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

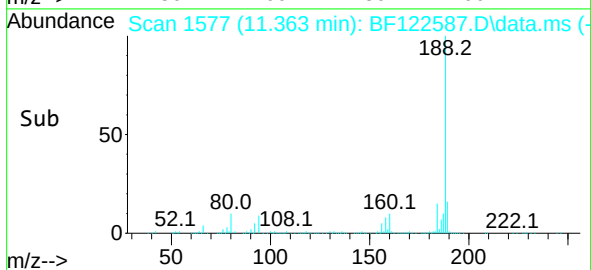
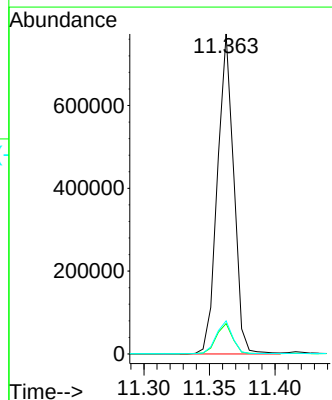
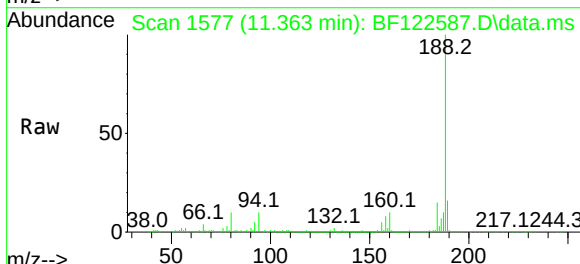
Instrument :
BNA_F
ClientSampleId :
CRT002

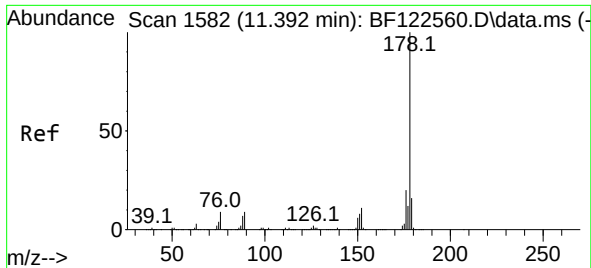
Tgt Ion:165 Resp: 48268
Ion Ratio Lower Upper
165 100
63 3.3 36.6 55.0#
89 1.9 39.4 59.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

Tgt Ion:188 Resp: 666806
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.4 8.2 12.4

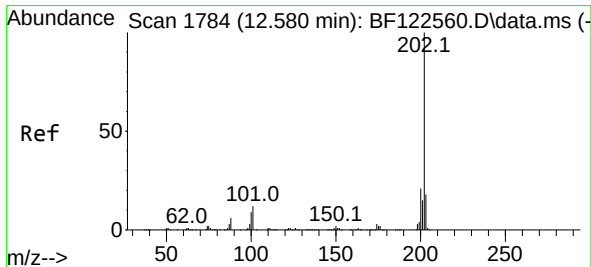
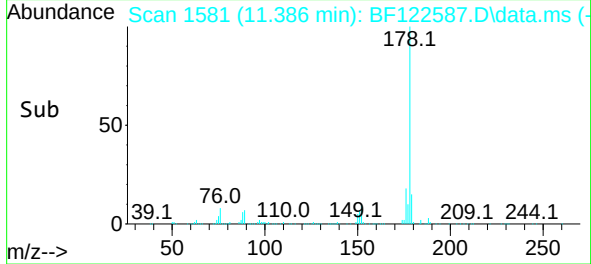
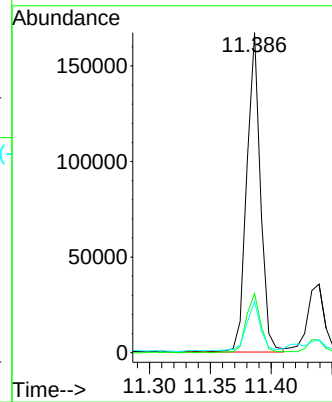
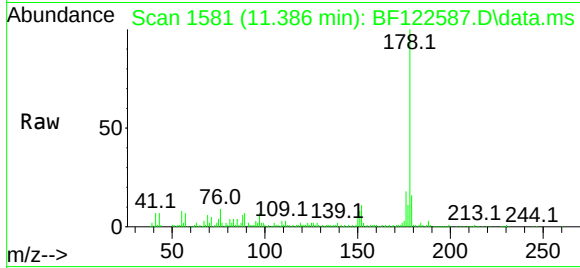




#71
Phenanthrene
Concen: 3.31 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

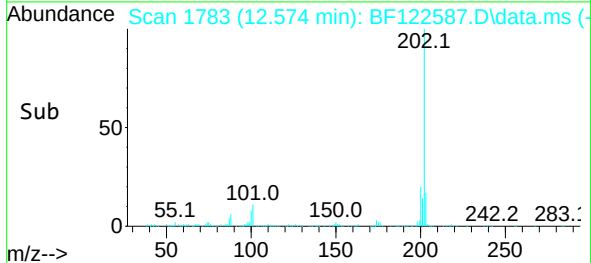
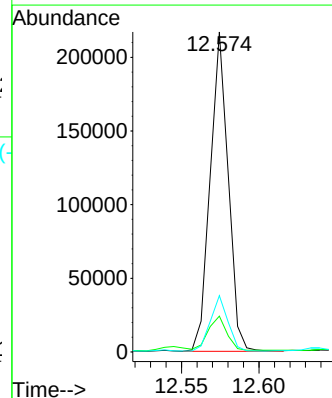
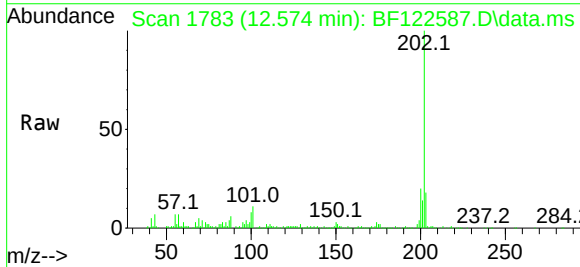
Instrument :
BNA_F
ClientSampleId :
CRT002

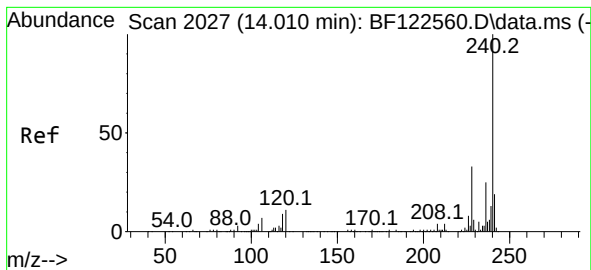
Tgt Ion:178 Resp: 131061
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.2
179 16.0 12.7 19.1



#75
Fluoranthene
Concen: 4.23 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

Tgt Ion:202 Resp: 175666
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.2
203 17.6 0.0 38.1

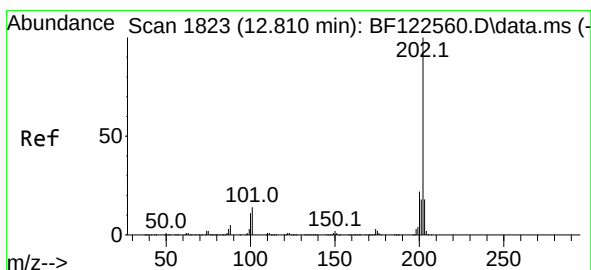
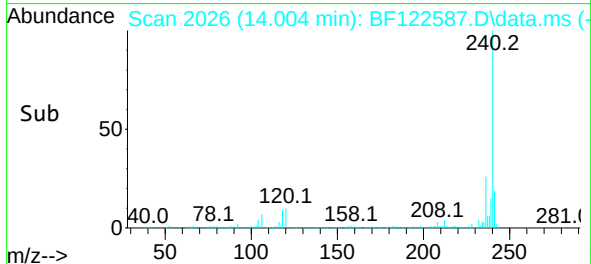
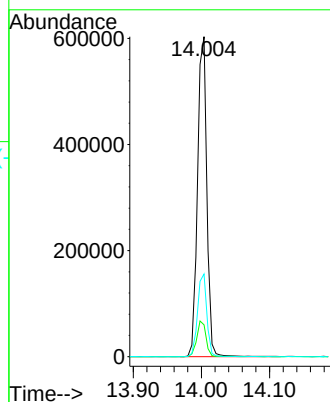
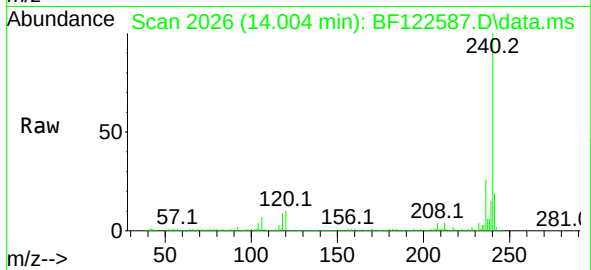




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

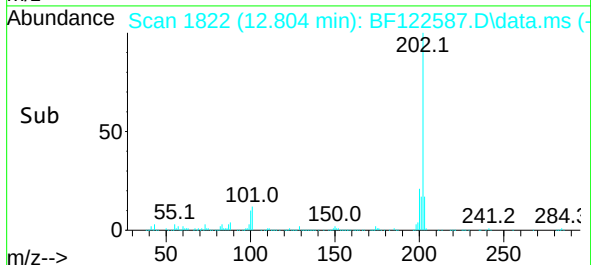
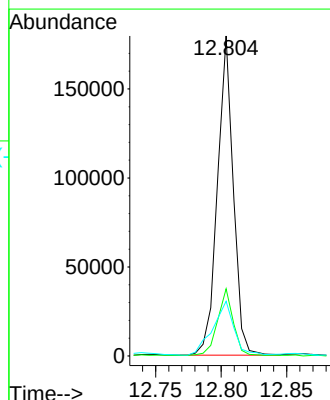
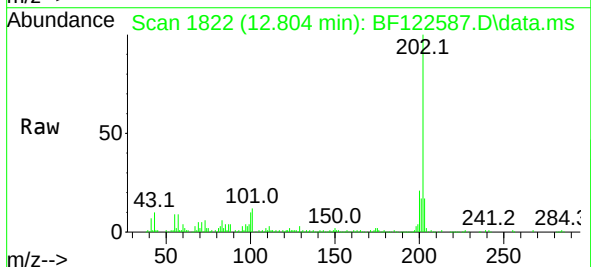
Instrument :
BNA_F
ClientSampleId :
CRT002

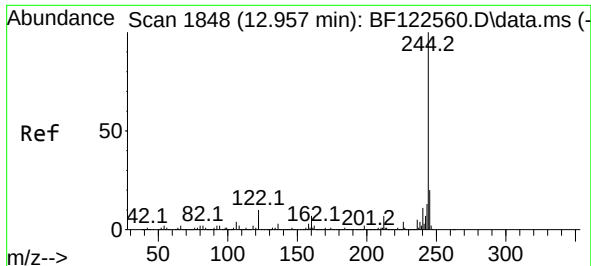
Tgt Ion:240 Resp: 568722
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.8 20.3 30.5



#78
Pyrene
Concen: 3.44 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

Tgt Ion:202 Resp: 151101
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 17.1 14.6 21.8

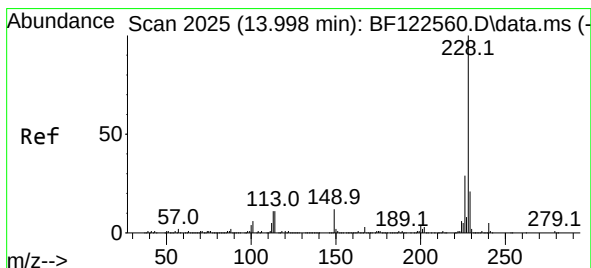
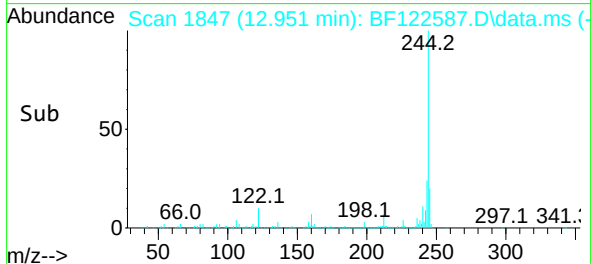
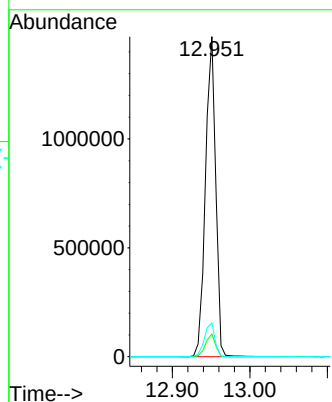
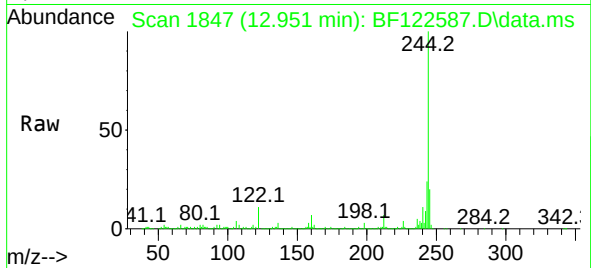




#79
 Terphenyl-d14
 Concen: 41.41 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122587.D
 Acq: 8 Dec 2020 14:35

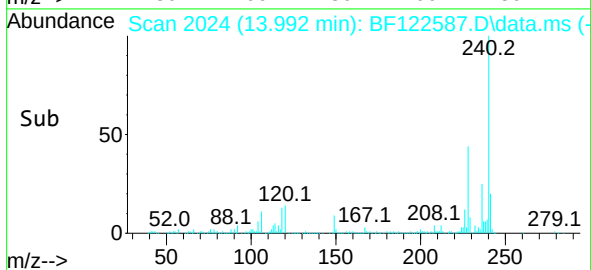
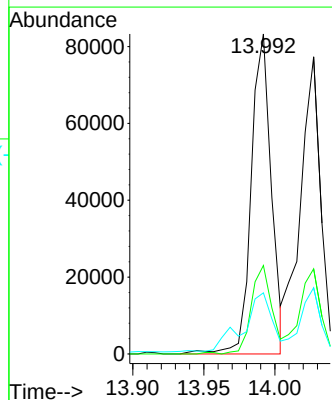
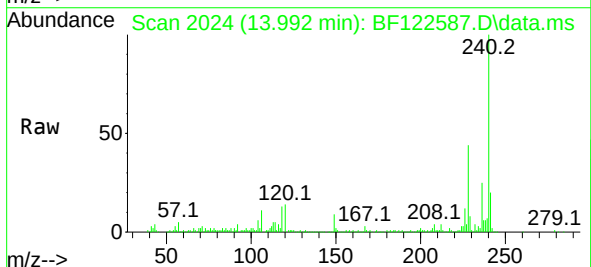
Instrument :
 BNA_F
 ClientSampleId :
 CRT002

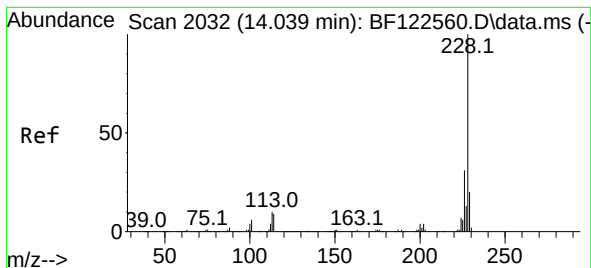
Tgt Ion:244 Resp: 1345387
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.5 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 2.15 ng
 RT: 13.992 min Scan# 2024
 Delta R.T. -0.006 min
 Lab File: BF122587.D
 Acq: 8 Dec 2020 14:35

Tgt Ion:228 Resp: 81838
 Ion Ratio Lower Upper
 228 100
 226 27.6 23.0 34.4
 229 19.1 16.6 24.8





#83

Chrysene

Concen: 2.06 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF122587.D

Acq: 8 Dec 2020 14:35

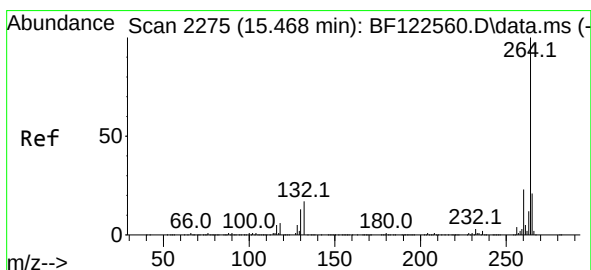
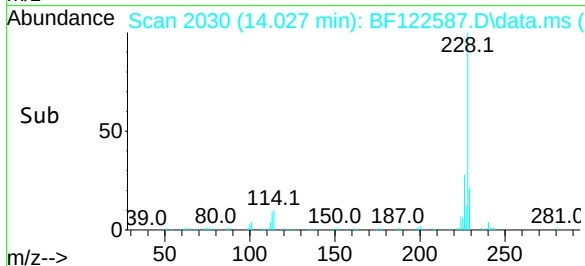
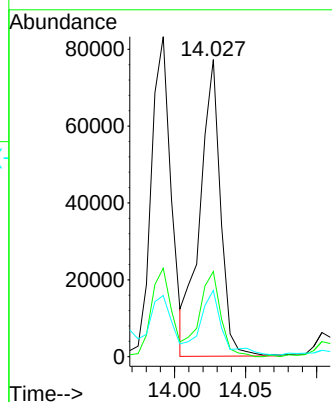
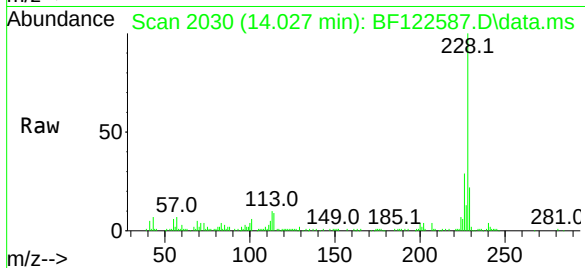
Tgt Ion:228 Resp: 78060

Ion Ratio Lower Upper

228 100

226 28.6 24.6 36.8

229 22.3 15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF122587.D

Acq: 8 Dec 2020 14:35

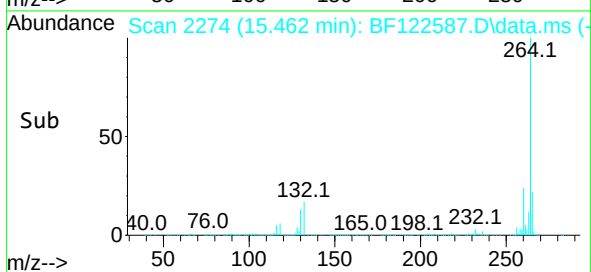
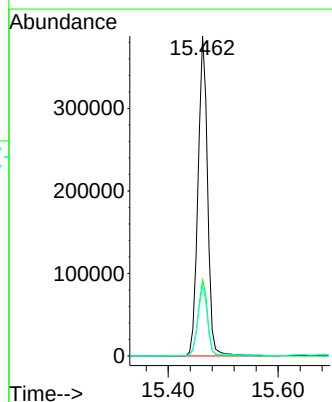
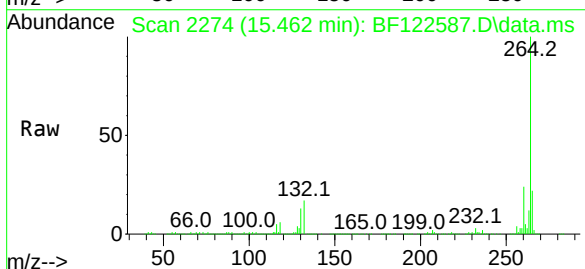
Tgt Ion:264 Resp: 469475

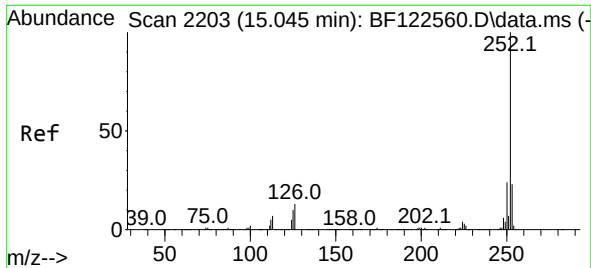
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.9 17.0 25.6

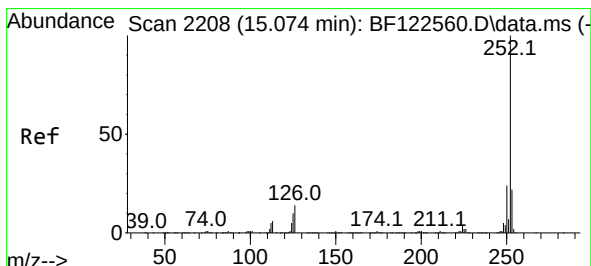
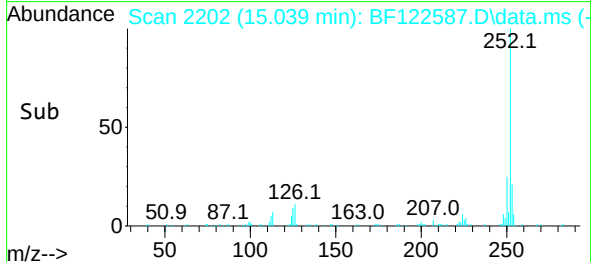
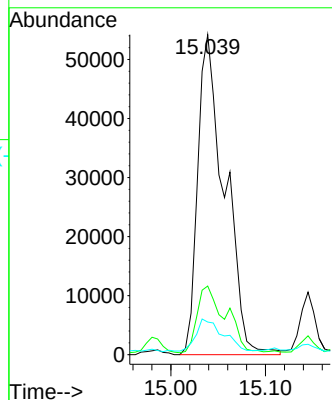
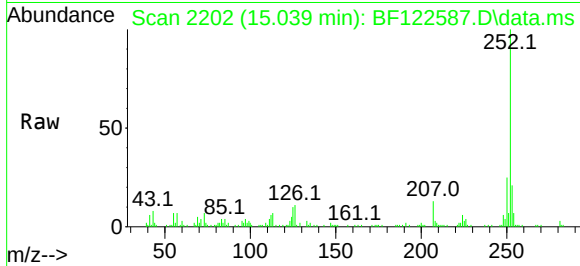




#88
Benzo(b)fluoranthene
Concen: 3.25 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

Instrument :
BNA_F
ClientSampleId :
CRT002

Tgt Ion:252 Resp: 107149
Ion Ratio Lower Upper
252 100
253 21.4 18.3 27.5
125 10.2 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 3.56 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.035 min
Lab File: BF122587.D
Acq: 8 Dec 2020 14:35

Tgt Ion:252 Resp: 107149
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 10.2 8.4 12.6

