

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122589.D
 Acq On : 8 Dec 2020 15:38
 Operator : JU/CG
 Sample : L4965-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT014

Quant Time: Dec 08 16:35:26 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)

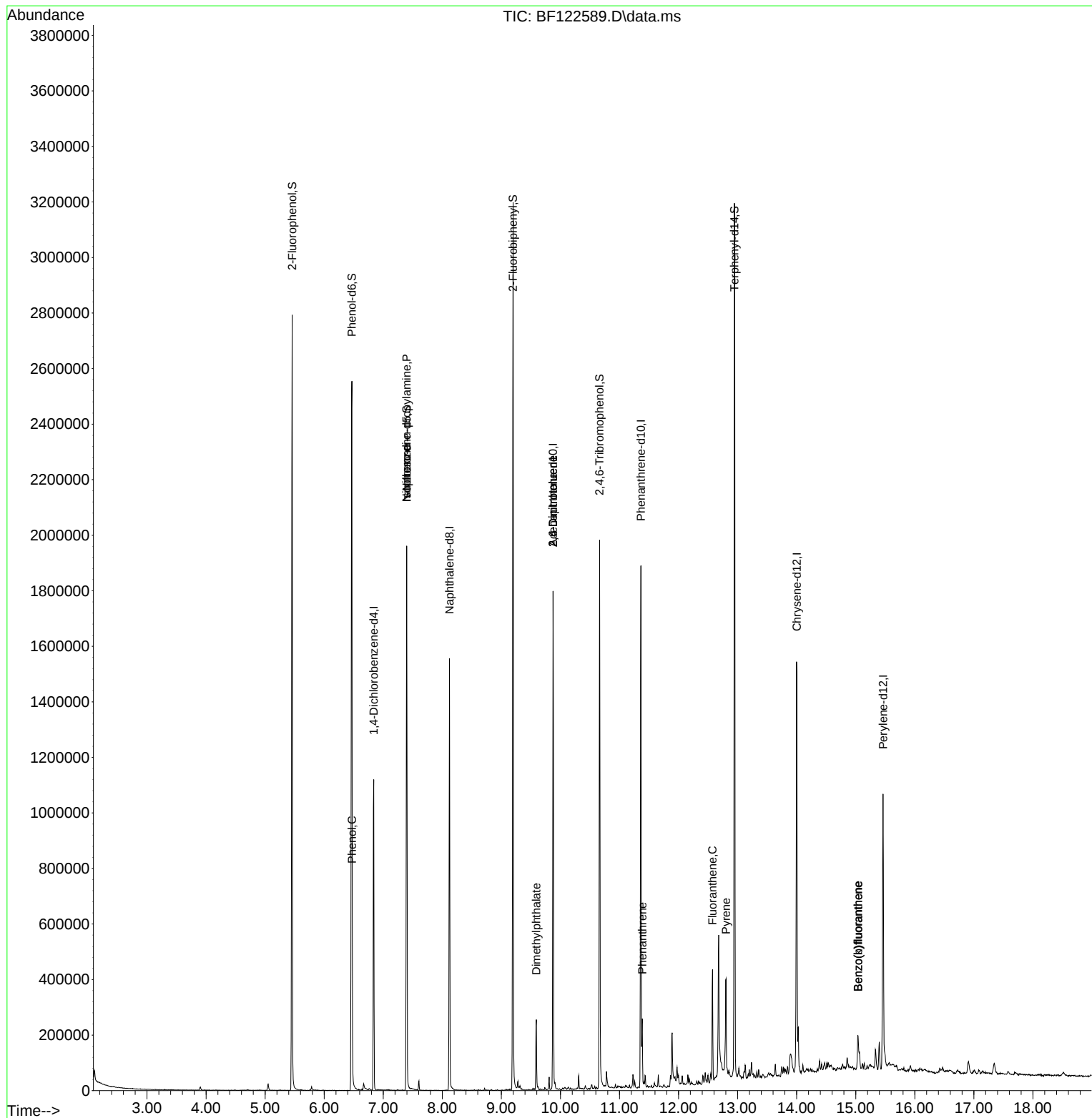
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	169044	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	656789	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	356954	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	672068	20.00	ng	0.00
76) Chrysene-d12	14.004	240	521352	20.00	ng	0.00
86) Perylene-d12	15.462	264	464460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	781950	73.23	ng	0.00
7) Phenol-d6	6.469	99	987921	69.76	ng	-0.01
23) Nitrobenzene-d5	7.398	82	602513	45.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	248111	53.10	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	990237	37.52	ng	0.00
79) Terphenyl-d14	12.945	244	1047103	35.16	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.475	94	44928	3.06	ng	95
19) n-Nitroso-di-n-propyla...	7.398	70	80741	9.95	ng	# 77
25) Isophorone	7.398	82	594443	26.33	ng	# 65
50) Dimethylphthalate	9.592	163	111890	3.92	ng	99
51) 2,6-Dinitrotoluene	9.874	165	45818	7.61	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	45818	5.71	ng	# 25
71) Phenanthrene	11.386	178	89392	2.24	ng	98
75) Fluoranthene	12.574	202	160327	3.83	ng	98
78) Pyrene	12.804	202	152107	3.77	ng	98
88) Benzo(b)fluoranthene	15.039	252	89487	2.75	ng	98
89) Benzo(k)fluoranthene	15.039	252	89487	3.00	ng	99

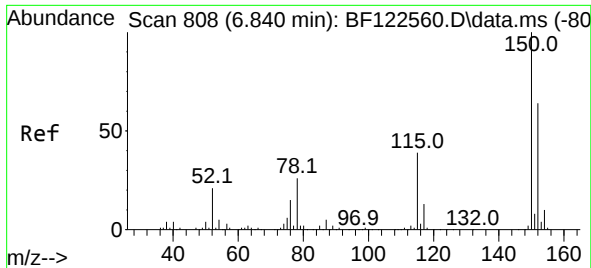
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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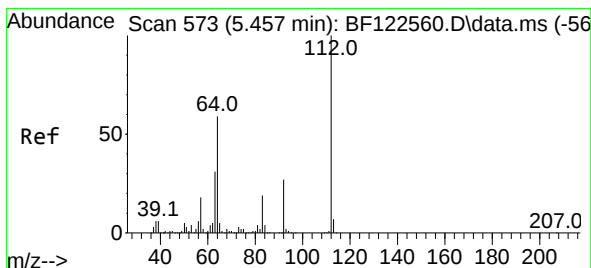
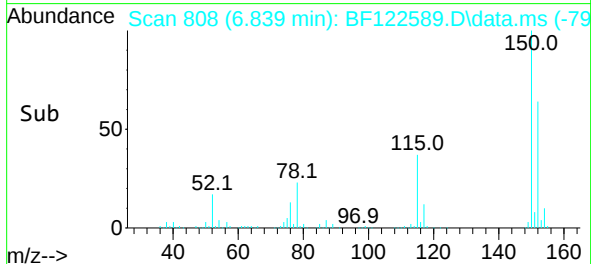
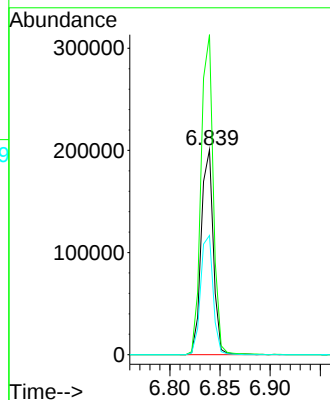
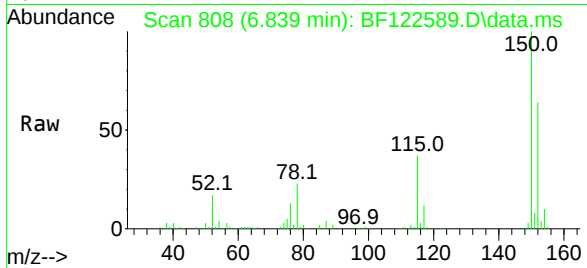




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

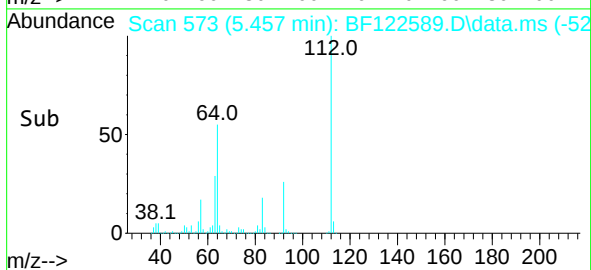
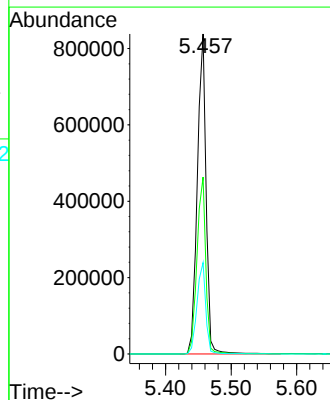
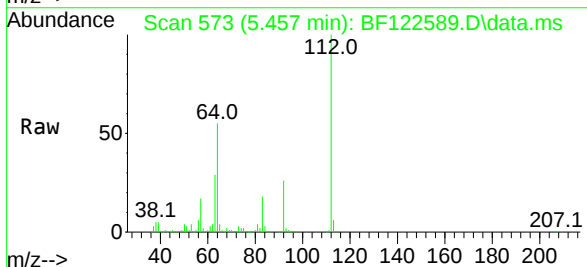
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BNA_F
ClientSampleId :
CRT014

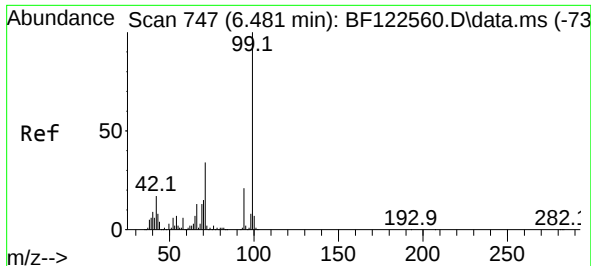
Tgt Ion:152 Resp: 169044
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 58.2 49.3 73.9



#5
2-Fluorophenol
Concen: 73.23 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

Tgt Ion:112 Resp: 781950
Ion Ratio Lower Upper
112 100
64 55.3 46.9 70.3
63 28.5 24.5 36.7

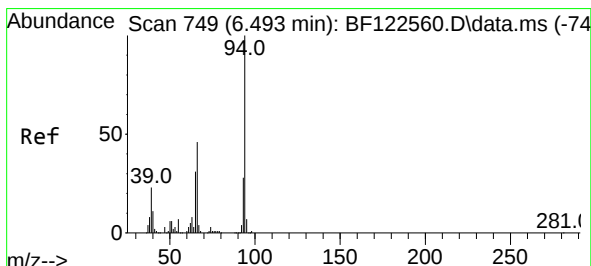
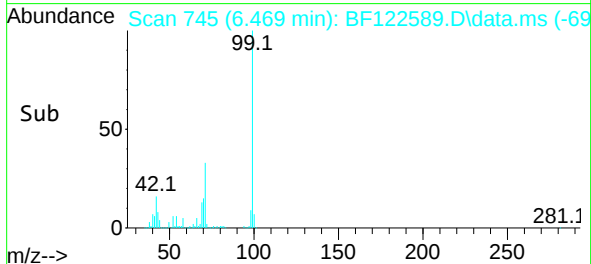
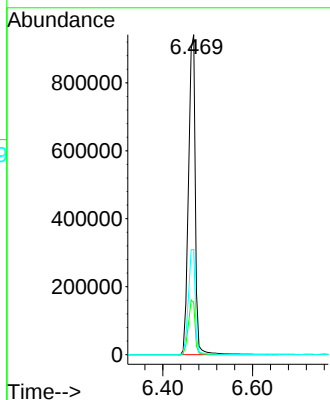
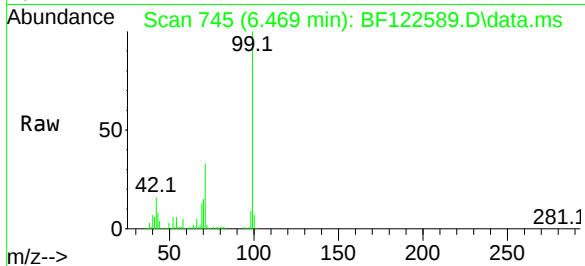




#7
Phenol-d6
Concen: 69.76 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

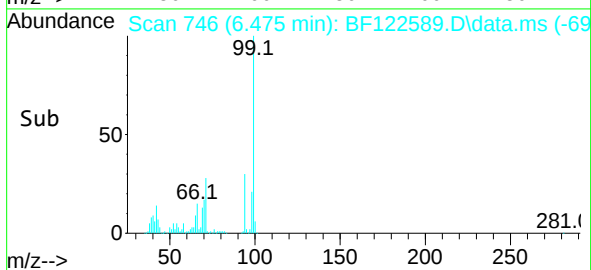
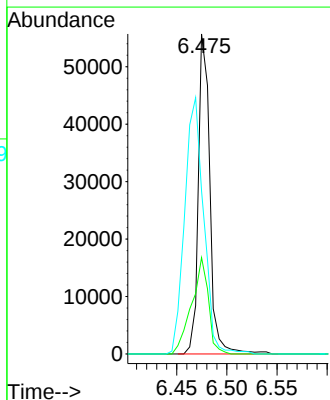
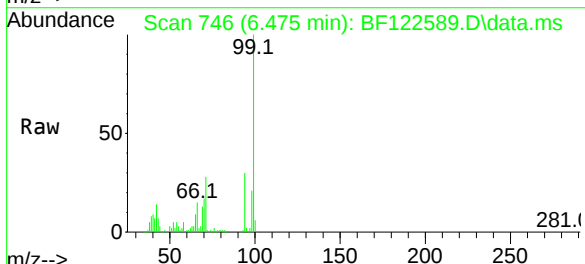
Instrument :
BNA_F
ClientSampleId :
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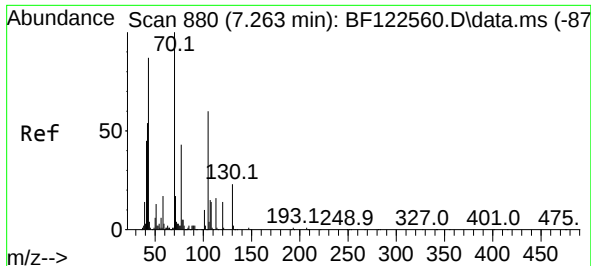
Tgt Ion: 99 Resp: 987921
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.6
71 32.9 26.9 40.3



#10
Phenol
Concen: 3.06 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

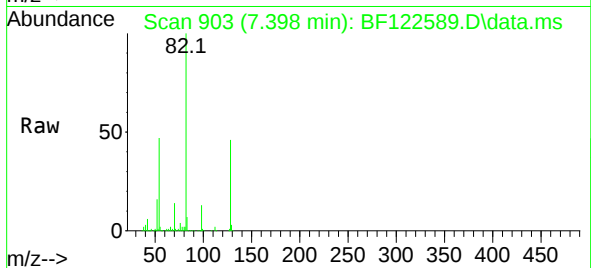
Tgt Ion: 94 Resp: 44928
Ion Ratio Lower Upper
94 100
65 30.1 11.2 51.2
66 50.9 25.8 65.8



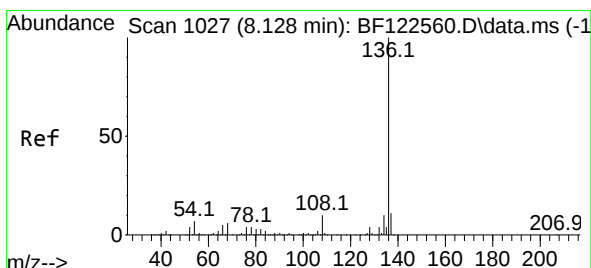
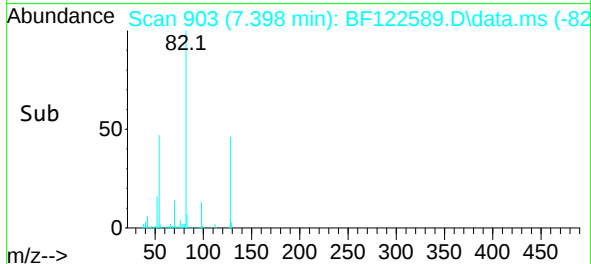
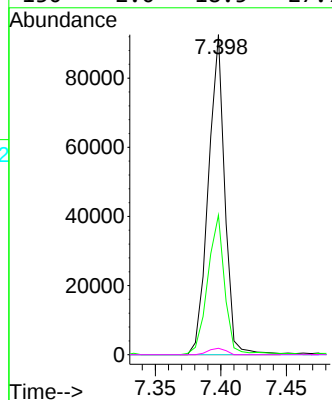


#19
n-Nitroso-di-n-propylamine
Concen: 9.95 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

Instrument :
BNA_F
ClientSampleId :
CRT014

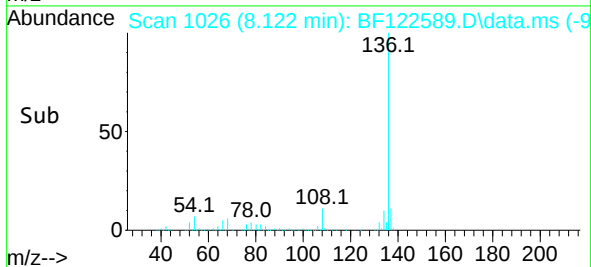
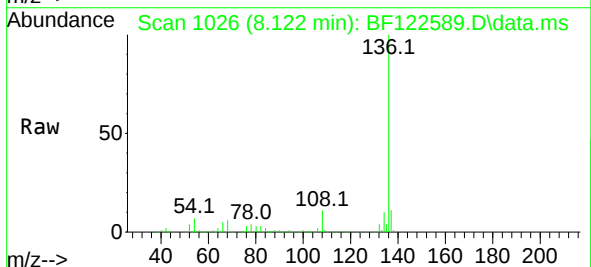
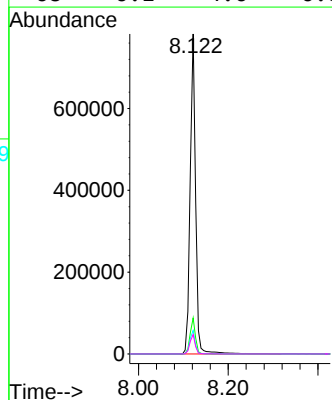


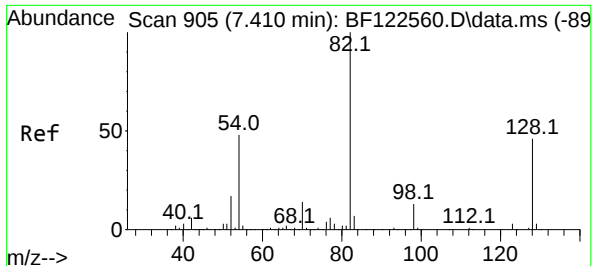
Tgt Ion: 70 Resp: 80741
Ion Ratio Lower Upper
70 100
42 43.6 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

Tgt Ion: 136 Resp: 656789
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.3 5.5 8.3
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 45.96 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF122589.D

Acq: 8 Dec 2020 15:38

Tgt Ion: 82 Resp: 602513

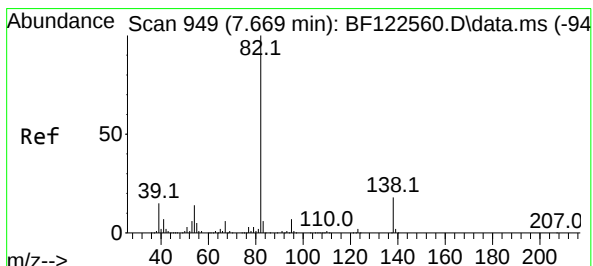
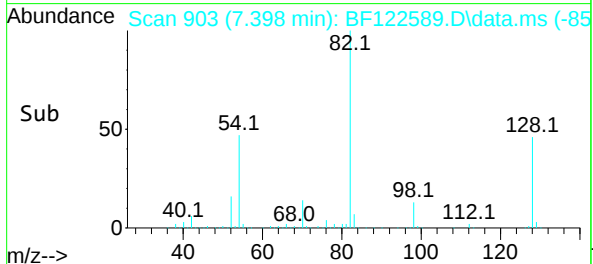
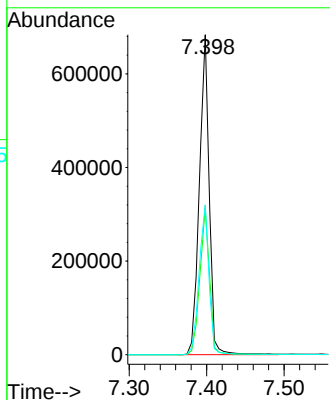
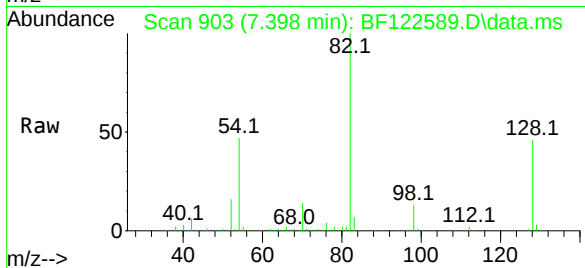
Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.0	55.4
54	46.8	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

CRT014



#25

Isophorone

Concen: 26.33 ng

RT: 7.398 min Scan# 903

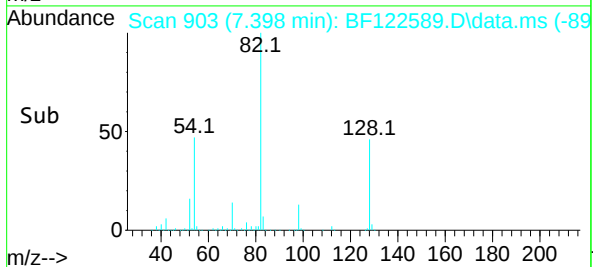
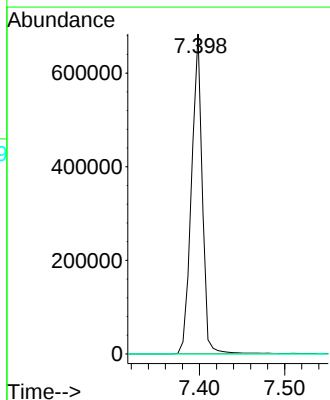
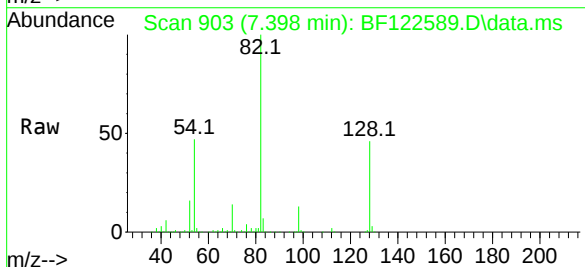
Delta R.T. -0.271 min

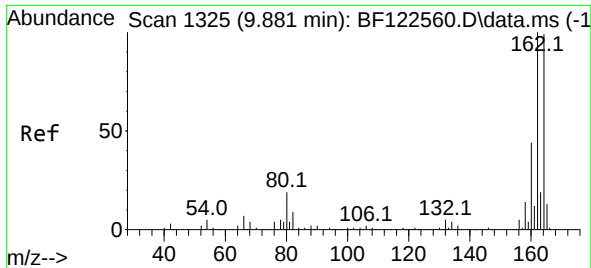
Lab File: BF122589.D

Acq: 8 Dec 2020 15:38

Tgt Ion: 82 Resp: 594443

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

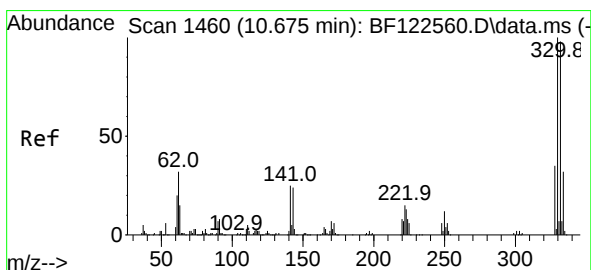
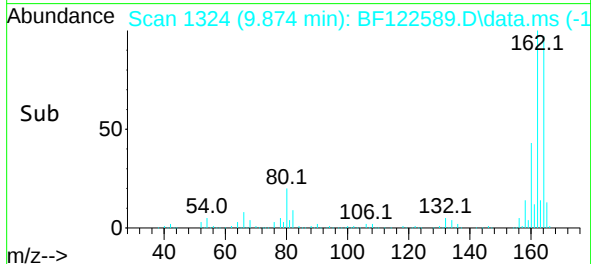
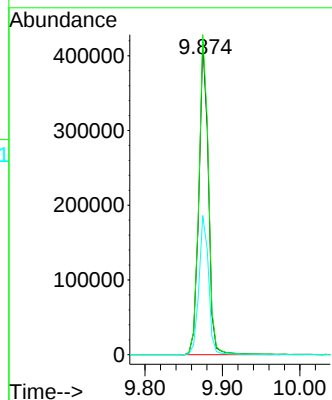
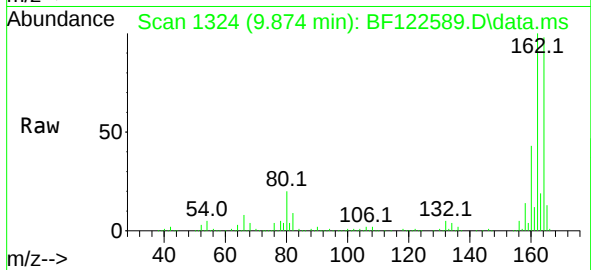




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

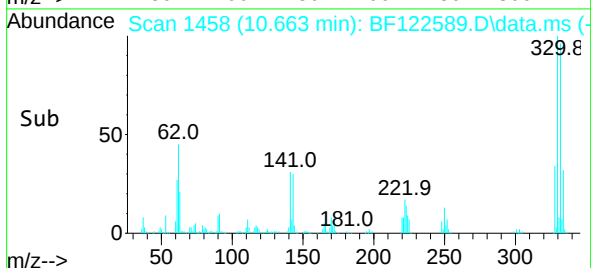
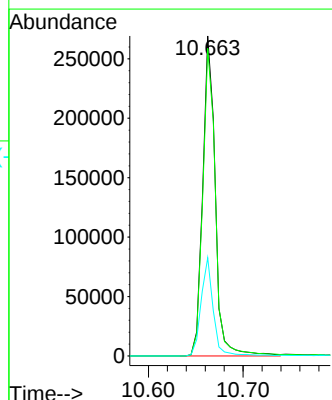
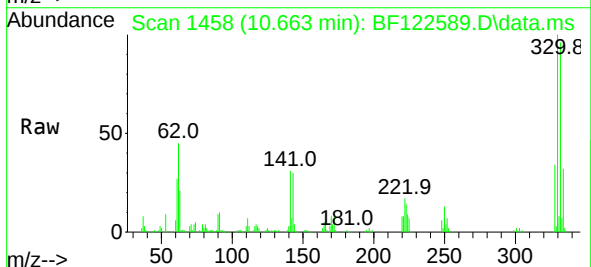
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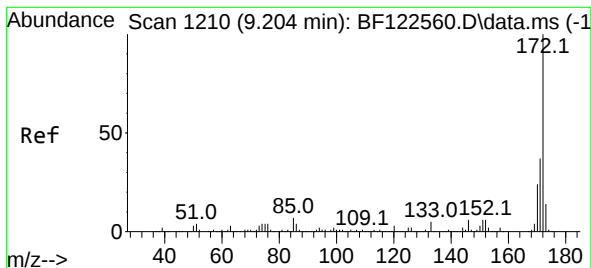
Tgt Ion:164 Resp: 356954
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 53.10 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

Tgt Ion:330 Resp: 248111
Ion Ratio Lower Upper
330 100
332 98.1 77.5 116.3
141 30.2 23.8 35.8

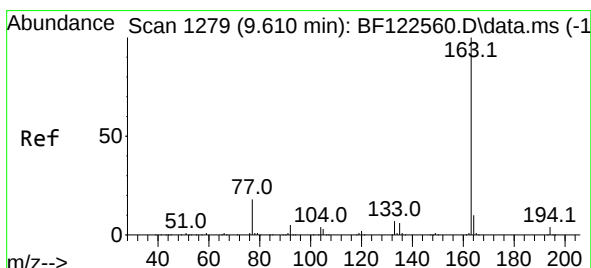
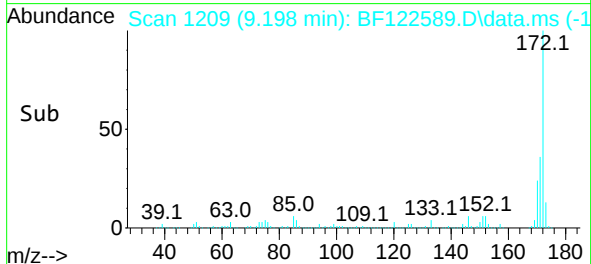
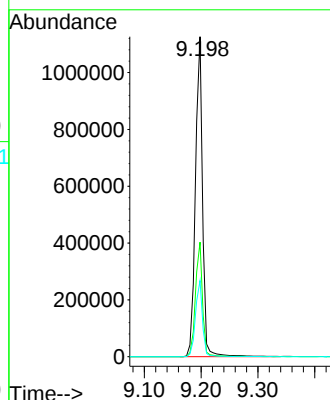
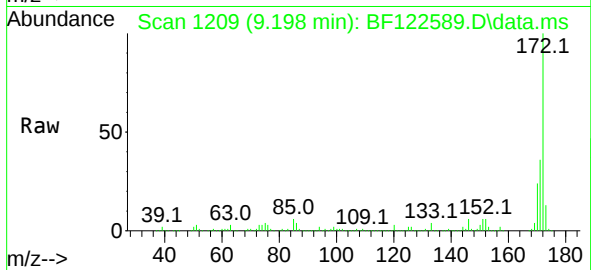




#45
2-Fluorobiphenyl
Concen: 37.52 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

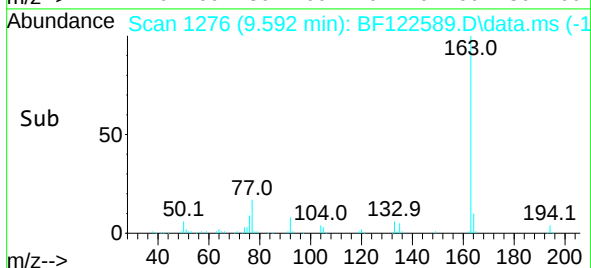
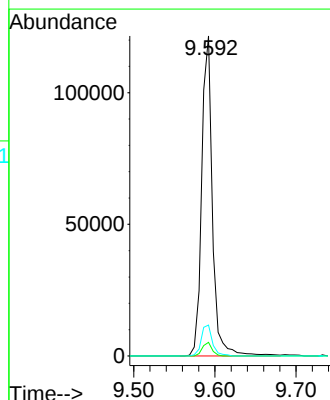
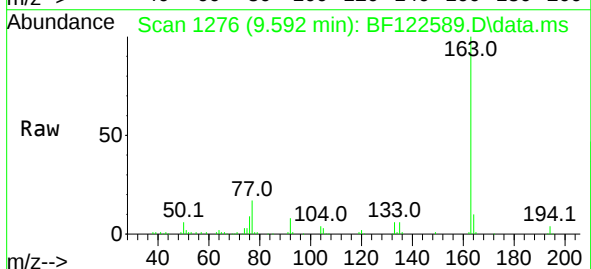
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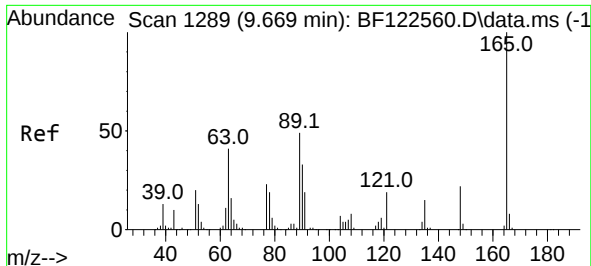
Tgt Ion:172 Resp: 990237
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 3.92 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

Tgt Ion:163 Resp: 111890
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.7 8.1 12.1

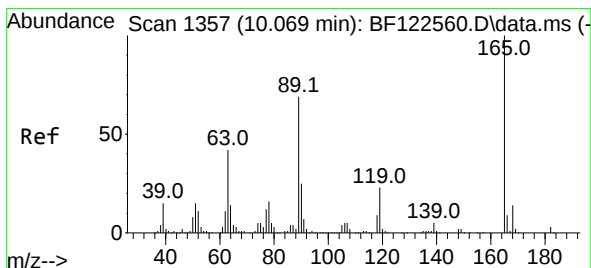
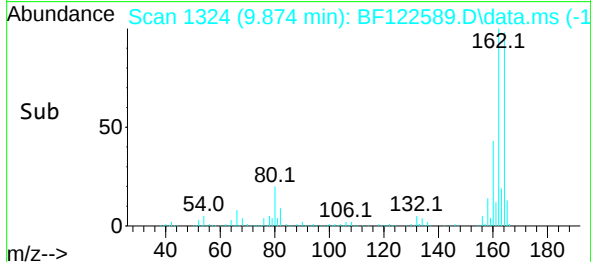
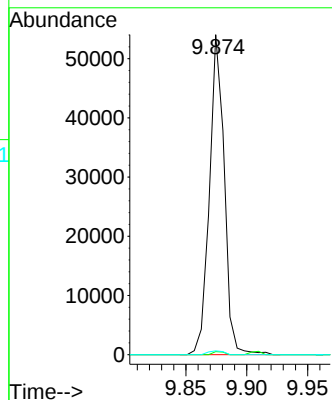
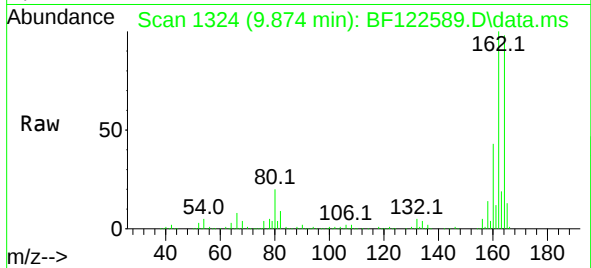




#51
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

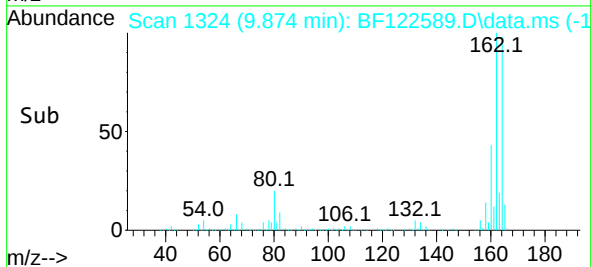
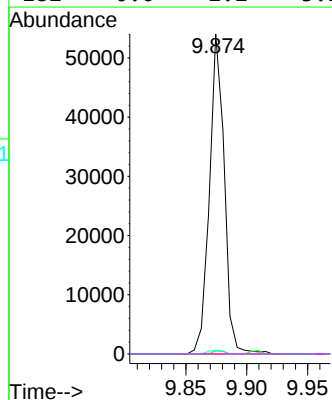
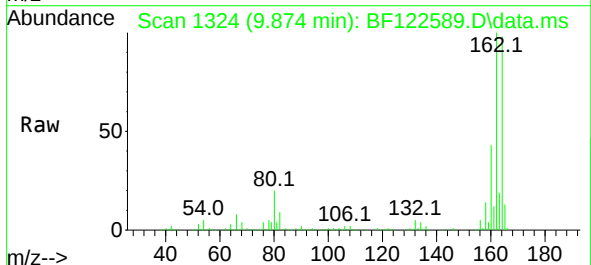
Instrument :
BNA_F
ClientSampleId :
CRT014

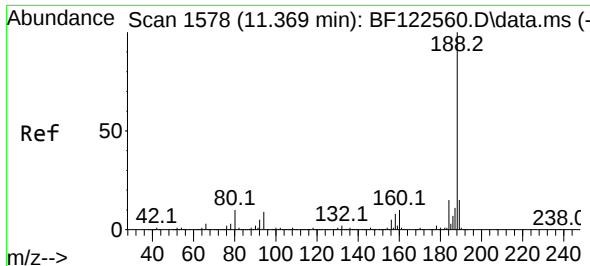
Tgt Ion:165 Resp: 45818
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

Tgt Ion:165 Resp: 45818
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

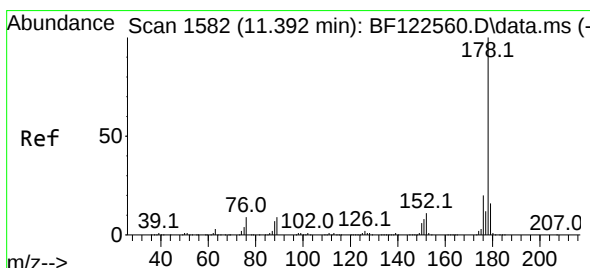
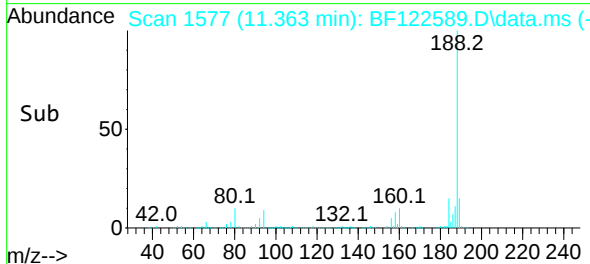
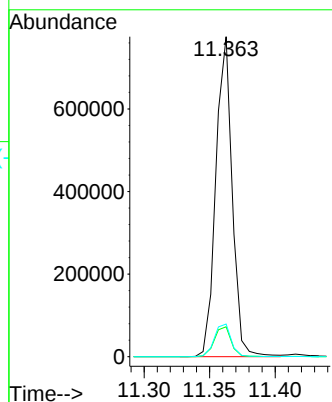
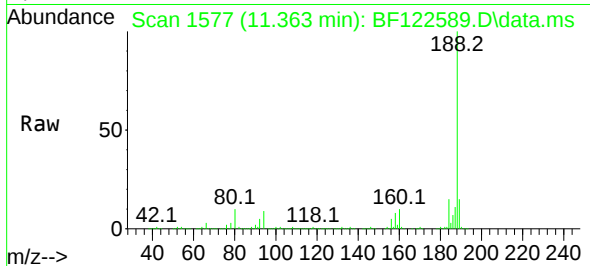




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

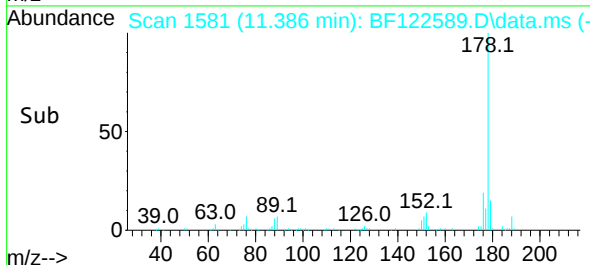
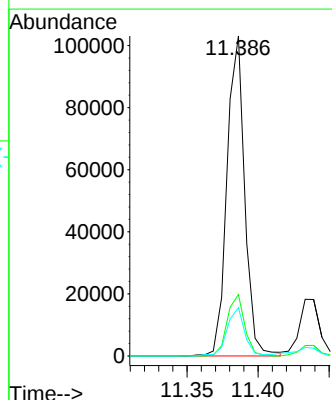
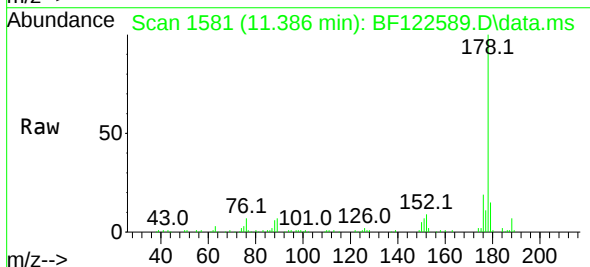
Instrument :
BNA_F
ClientSampleId :
CRT014

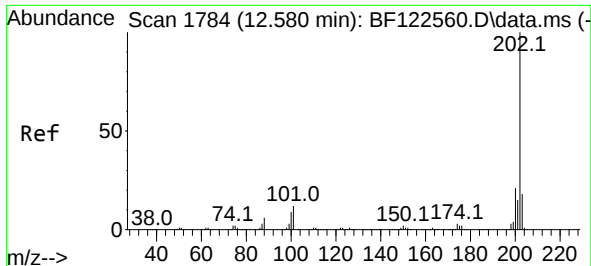
Tgt Ion:188 Resp: 672068
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.2 8.2 12.4



#71
Phenanthrene
Concen: 2.24 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

Tgt Ion:178 Resp: 89392
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.2
179 15.1 12.7 19.1

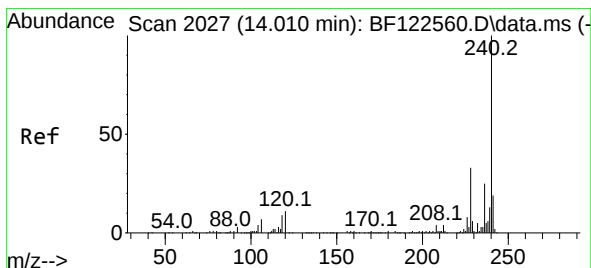
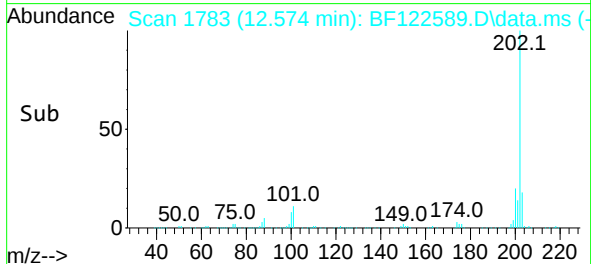
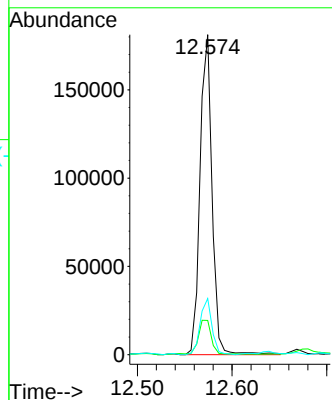
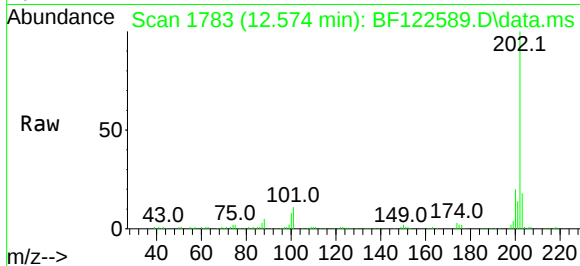




#75
Fluoranthene
Concen: 3.83 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

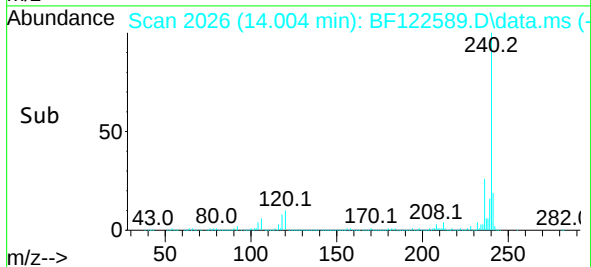
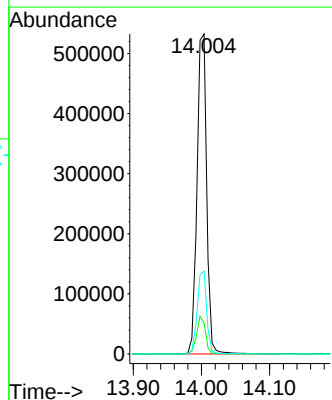
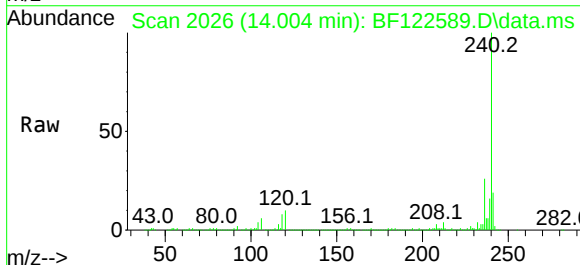
Instrument :
BNA_F
ClientSampleId :
CRT014

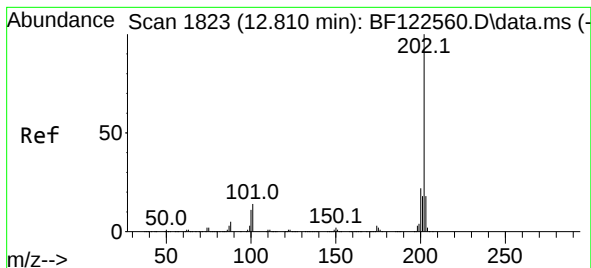
Tgt Ion:202 Resp: 160327
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.2
203 17.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

Tgt Ion:240 Resp: 521352
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 26.0 20.3 30.5





#78

Pyrene

Concen: 3.77 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.006 min

Lab File: BF122589.D

Acq: 8 Dec 2020 15:38

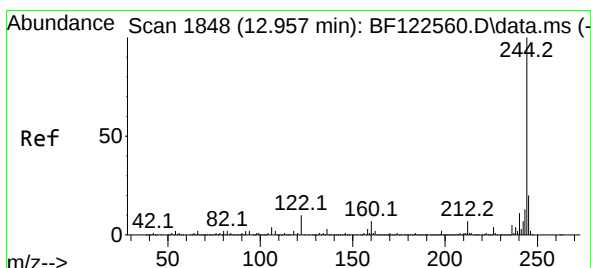
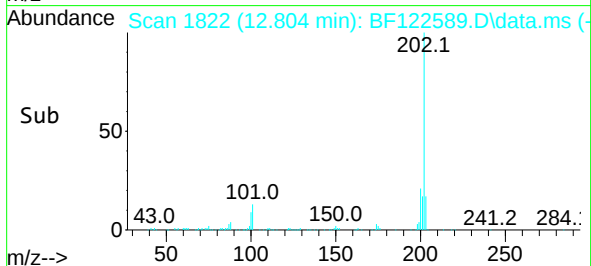
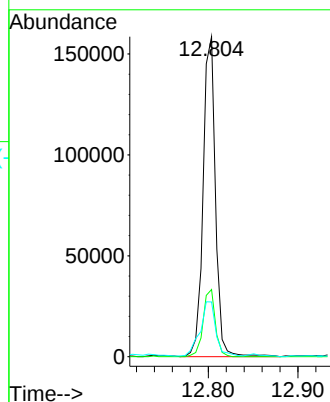
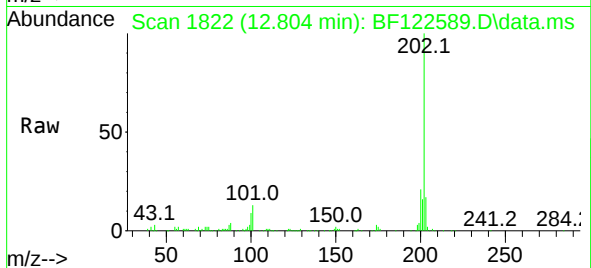
Tgt Ion:202 Resp: 152107

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

203 17.1 14.6 21.8



#79

Terphenyl-d14

Concen: 35.16 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.012 min

Lab File: BF122589.D

Acq: 8 Dec 2020 15:38

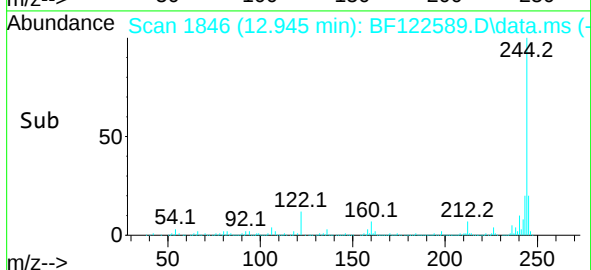
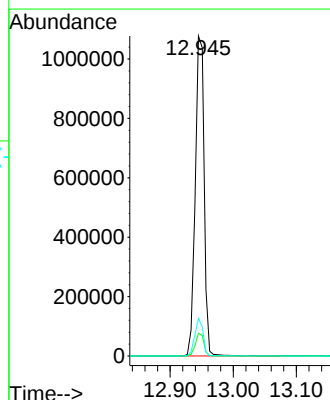
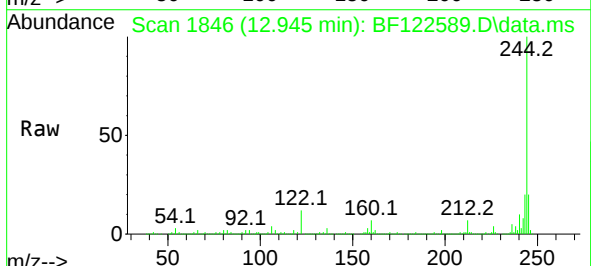
Tgt Ion:244 Resp: 1047103

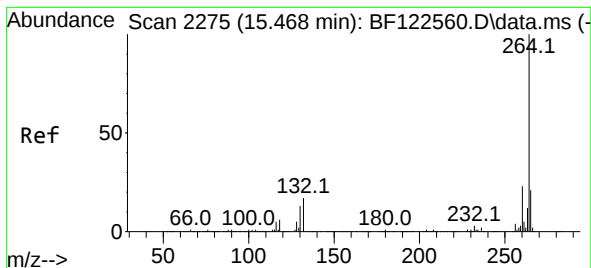
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

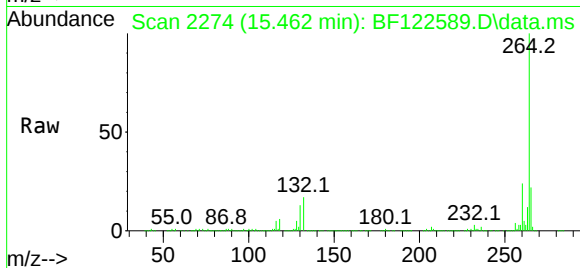
122 11.7 8.3 12.5





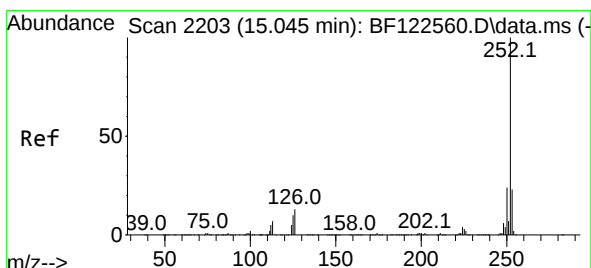
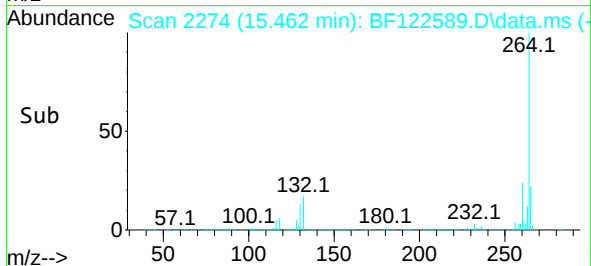
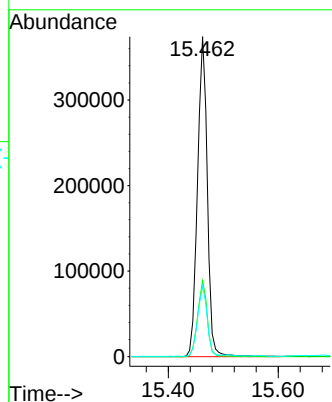
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

Instrument :
BNA_F
ClientSampleId :
CRT014



Tgt Ion:264 Resp: 464460

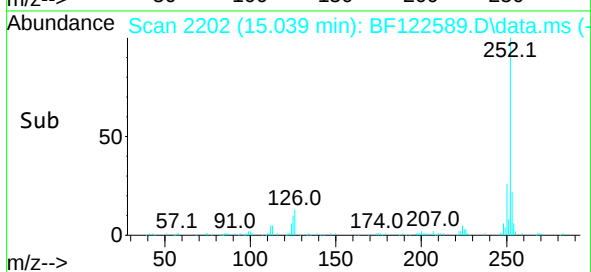
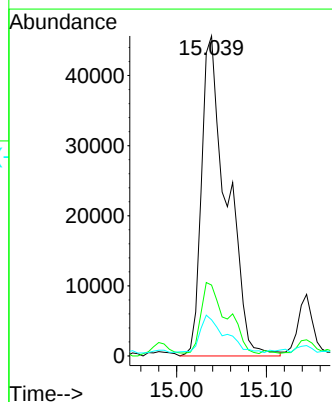
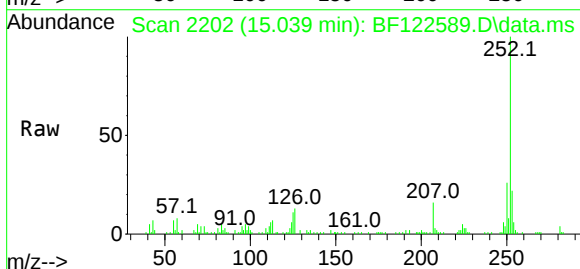
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.1	17.0	25.6

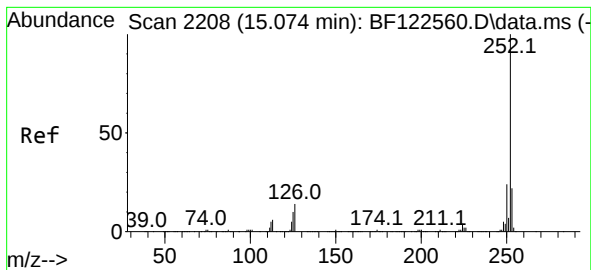


#88
Benzo(b)fluoranthene
Concen: 2.75 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122589.D
Acq: 8 Dec 2020 15:38

Tgt Ion:252 Resp: 89487

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	11.3	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 3.00 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.035 min

Lab File: BF122589.D

Acq: 8 Dec 2020 15:38

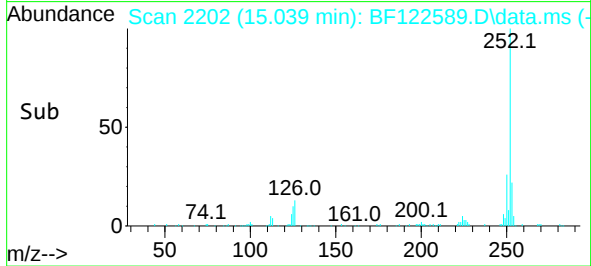
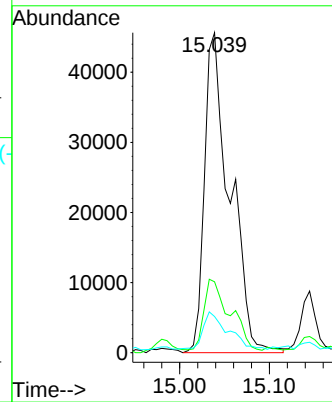
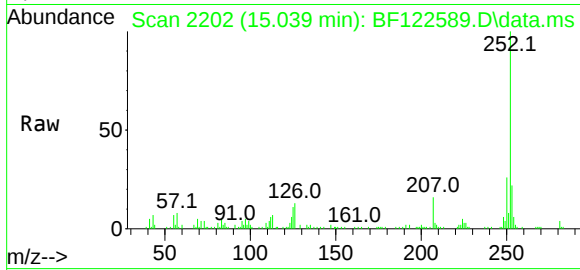
Tgt Ion:252 Resp: 89487

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.3 8.4 12.6



Instrument :

BNA_F

ClientSampleId :

CRT014