

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123060.D
 Acq On : 28 Jan 2021 15:30
 Operator : JU/CG
 Sample : M1236-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0014-048-COMP-G

Quant Time: Jan 28 16:30:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

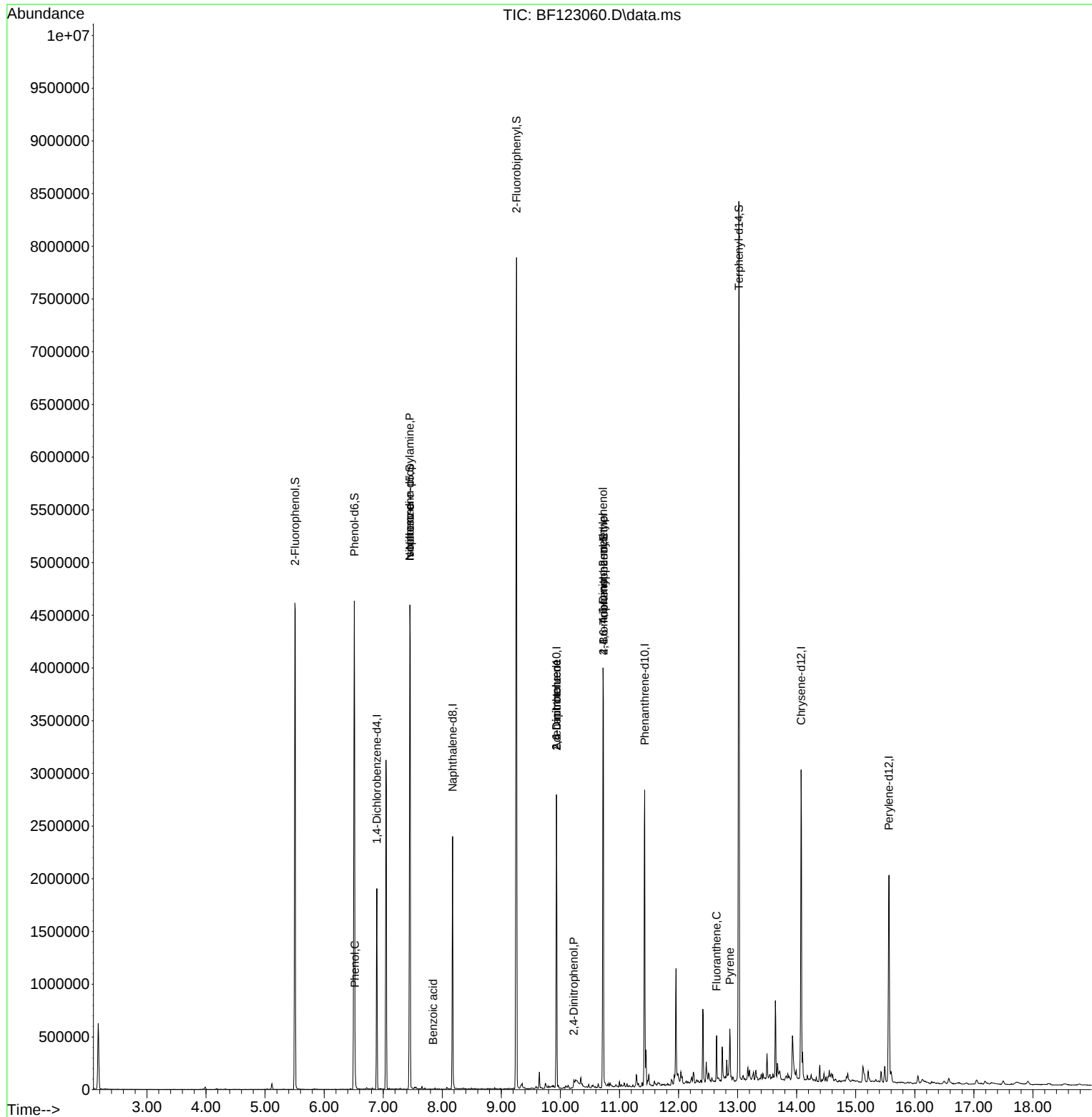
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	260614	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	989589	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	539577	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	1011685	20.00	ng	0.00
76) Chrysene-d12	14.074	240	975244	20.00	ng	#-0.01
86) Perylene-d12	15.563	264	887229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1424383	84.31	ng	0.00
7) Phenol-d6	6.510	99	1805079	78.82	ng	0.00
23) Nitrobenzene-d5	7.451	82	1722344	87.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	523617	89.39	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2641457	72.77	ng	0.00
79) Terphenyl-d14	13.022	244	3120037	62.86	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.522	94	63676	2.80	ng	88
19) n-Nitroso-di-n-propyla...	7.451	70	235588	17.11	ng	# 80
25) Isophorone	7.451	82	1718893	47.72	ng	# 65
32) Benzoic acid	7.845	122	134	4.92	ng	# 51
51) 2,6-Dinitrotoluene	9.933	165	70586	7.83	ng	# 31
54) 2,4-Dinitrophenol	10.228	184	139	6.88	ng	# 19
57) 2,4-Dinitrotoluene	9.933	165	70586	6.02	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.722	198	1175	5.16	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	34627	2.69	ng	# 1
75) Fluoranthene	12.645	202	155357	2.47	ng	98
78) Pyrene	12.869	202	186933	2.54	ng	100

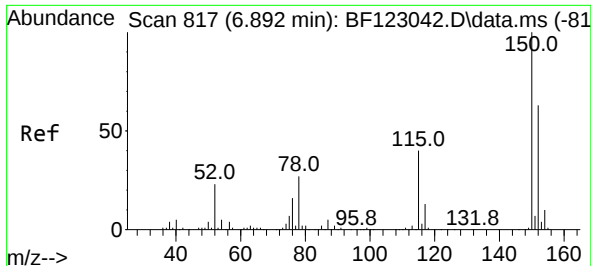
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
Data File : BF123060.D
Acq On : 28 Jan 2021 15:30
Operator : JU/CG
Sample : M1236-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0014-048-COMP-G

Quant Time: Jan 28 16:30:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 00:48:07 2021
Response via : Initial Calibration

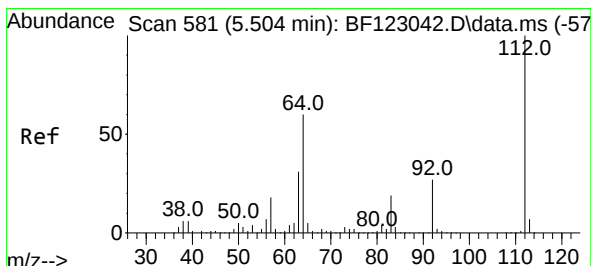
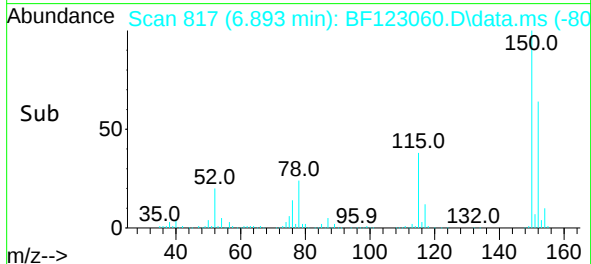
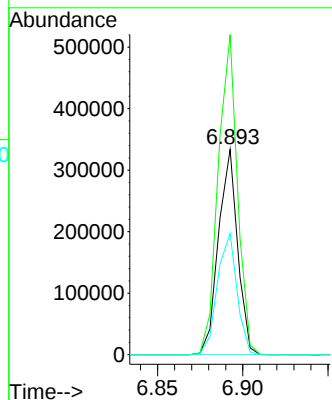
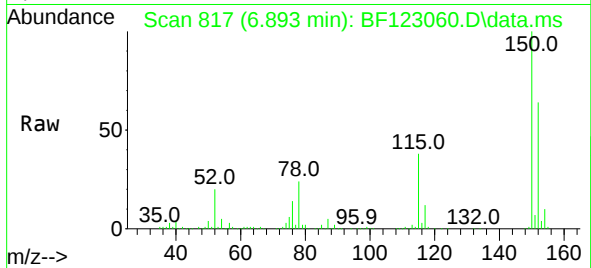




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

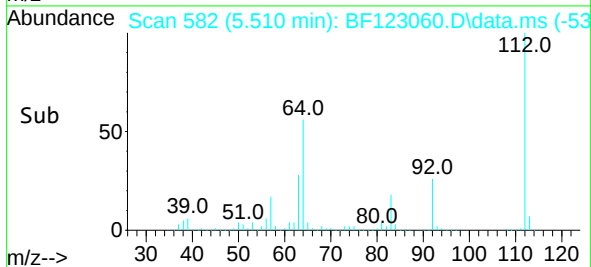
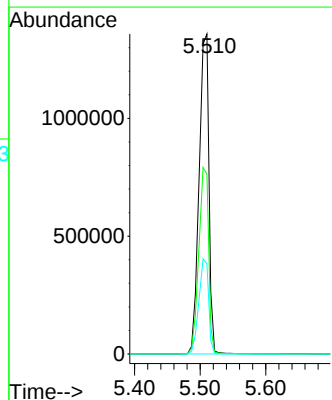
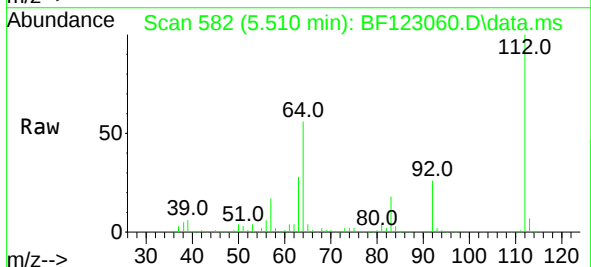
Instrument :
BNA_F
ClientSampleId :
0014-048-COMP-G

Tgt Ion:152 Resp: 260614
Ion Ratio Lower Upper
152 100
150 155.9 125.8 188.6
115 59.0 49.3 73.9



#5
2-Fluorophenol
Concen: 84.31 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

Tgt Ion:112 Resp: 1424383
Ion Ratio Lower Upper
112 100
64 56.2 46.9 70.3
63 28.2 24.5 36.7



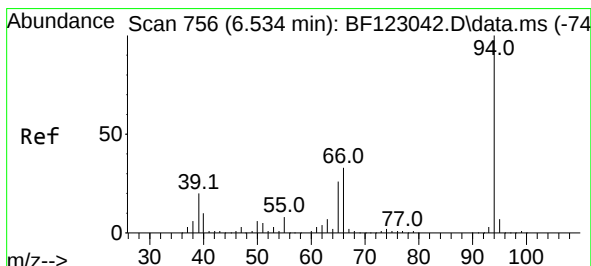
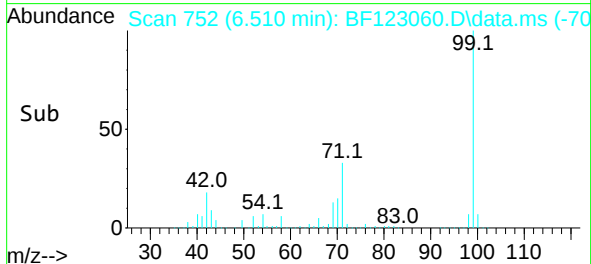
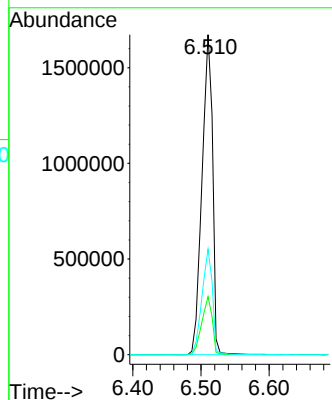
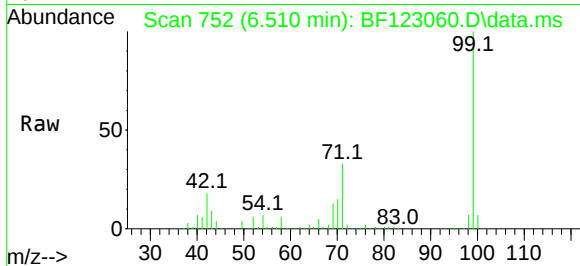


#7
Phenol-d6
Concen: 78.82 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

Instrument :
BNA_F
ClientSampleId :
0014-048-COMP-G

Tgt Ion: 99 Resp: 1805079

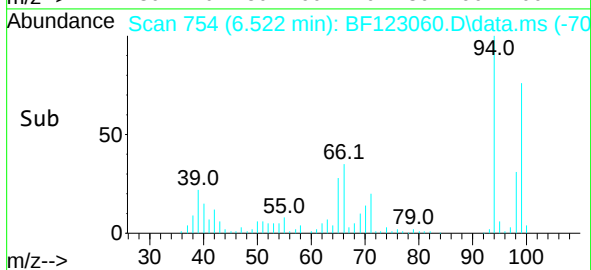
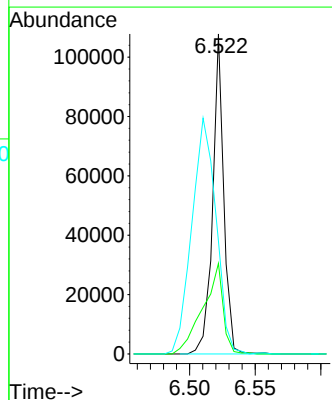
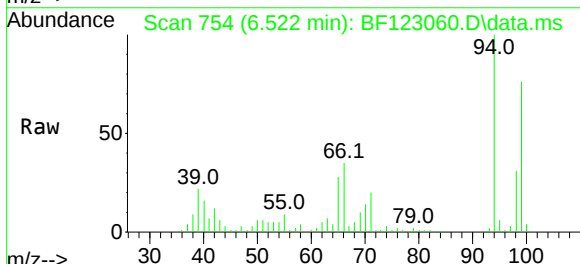
Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.8	20.6
71	33.0	26.9	40.3

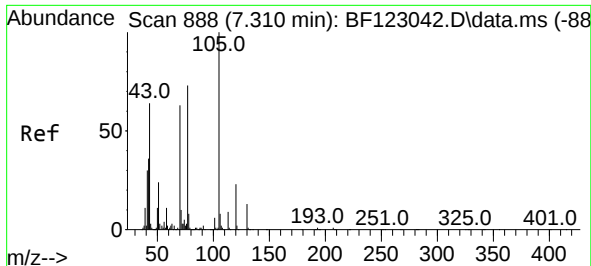


#10
Phenol
Concen: 2.80 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

Tgt Ion: 94 Resp: 63676

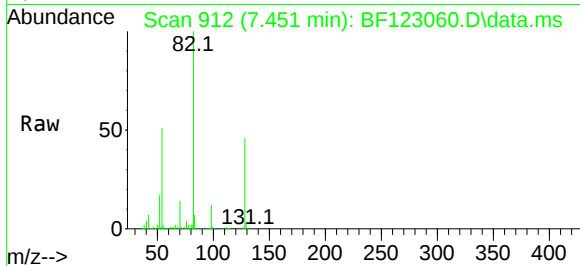
Ion	Ratio	Lower	Upper
94	100		
65	28.3	11.2	51.2
66	35.3	25.8	65.8



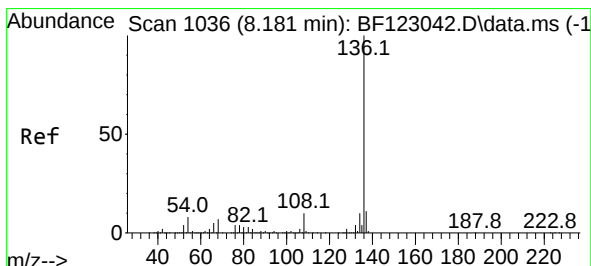
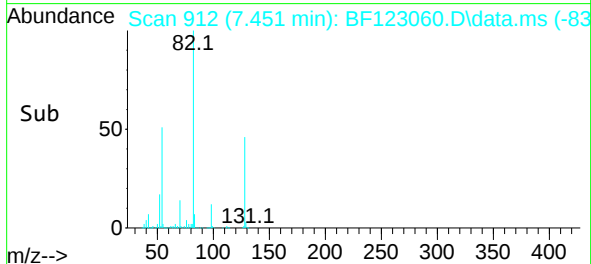
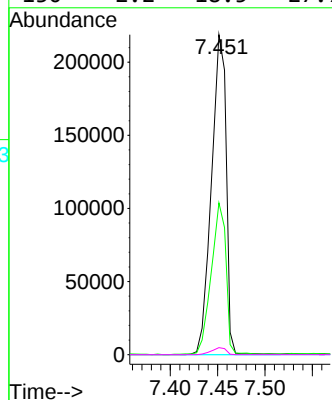


#19
n-Nitroso-di-n-propylamine
Concen: 17.11 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

Instrument :
BNA_F
ClientSampleId :
0014-048-COMP-G

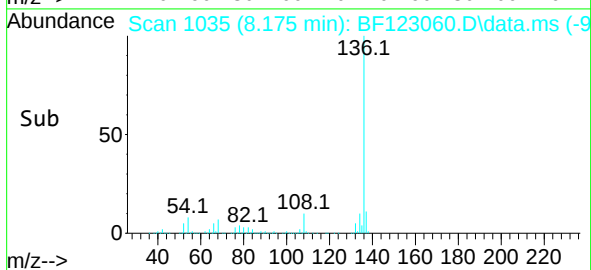
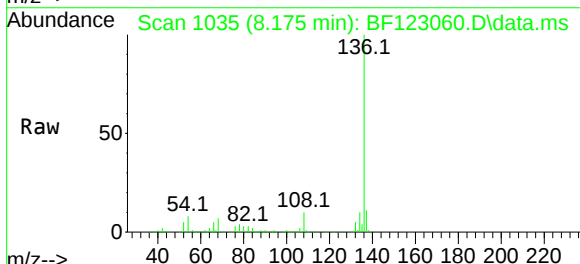
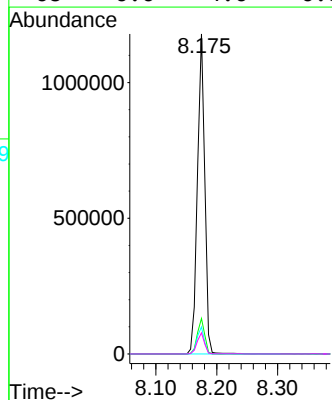


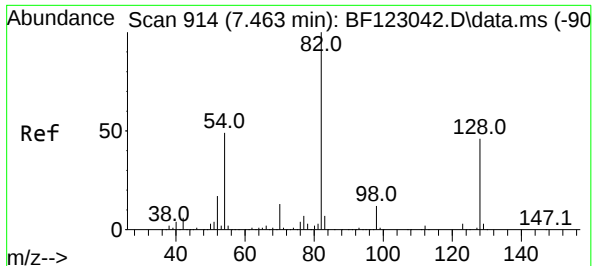
Tgt Ion	70	Resp	235588
Ion	Ratio	Lower	Upper
70	100		
42	47.4	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

Tgt Ion	136	Resp	989589
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	5.5	8.3#
68	6.6	4.6	6.8





#23

Nitrobenzene-d5

Concen: 87.59 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF123060.D

Acq: 28 Jan 2021 15:30

Tgt Ion: 82 Resp: 1722344

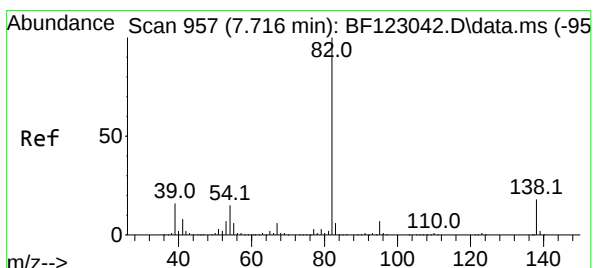
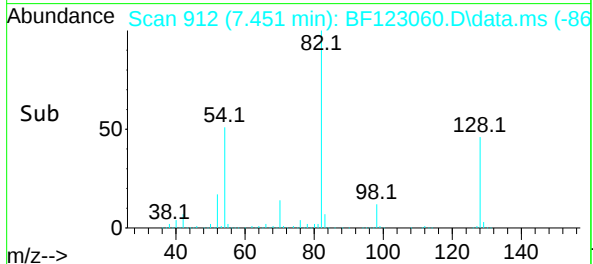
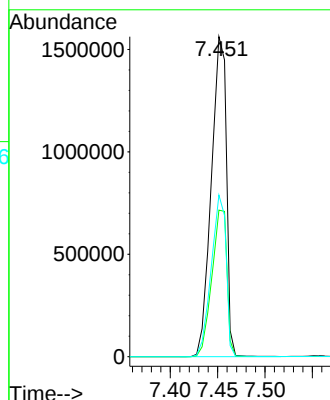
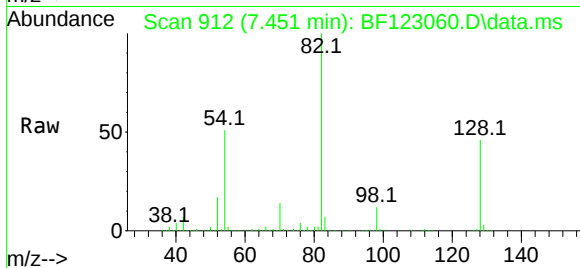
Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.4
54	50.5	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

0014-048-COMP-G



#25

Isophorone

Concen: 47.72 ng

RT: 7.451 min Scan# 912

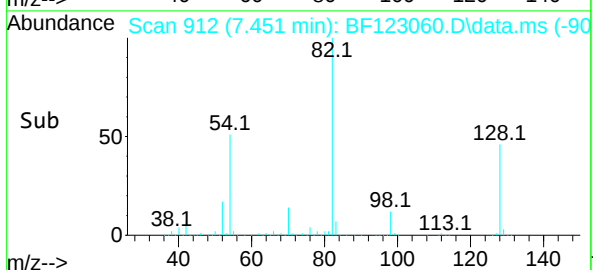
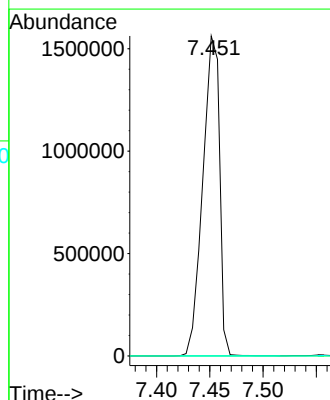
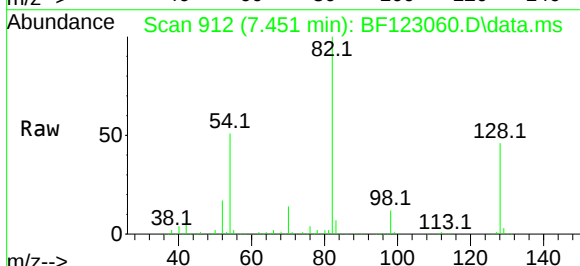
Delta R.T. -0.265 min

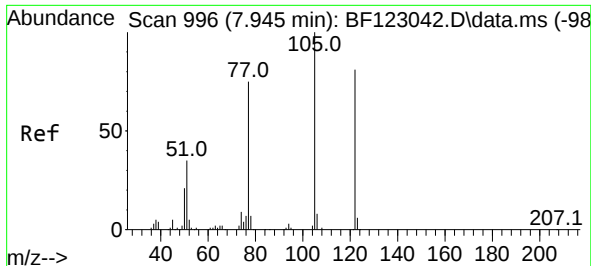
Lab File: BF123060.D

Acq: 28 Jan 2021 15:30

Tgt Ion: 82 Resp: 1718893

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

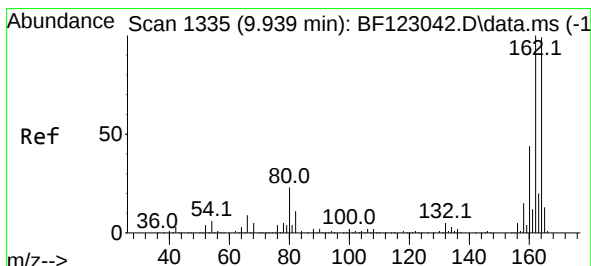
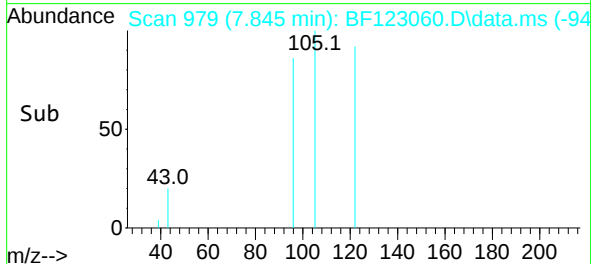
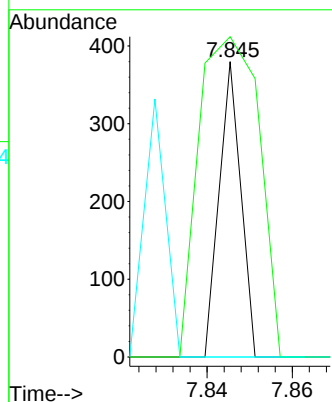
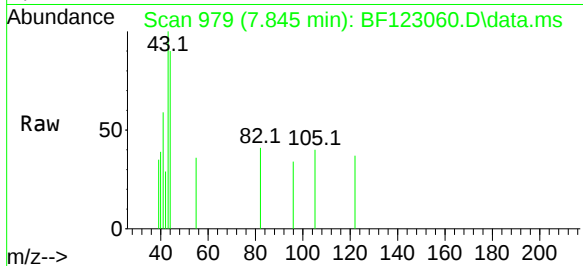




#32
Benzoic acid
Concen: 4.92 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.100 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

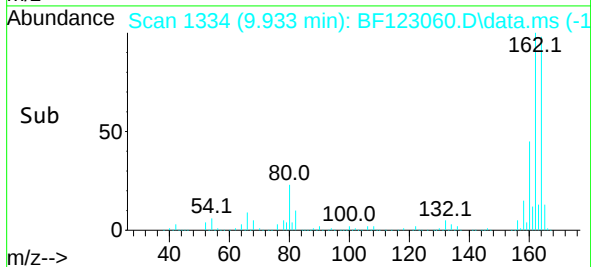
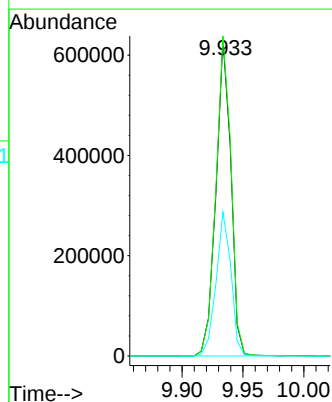
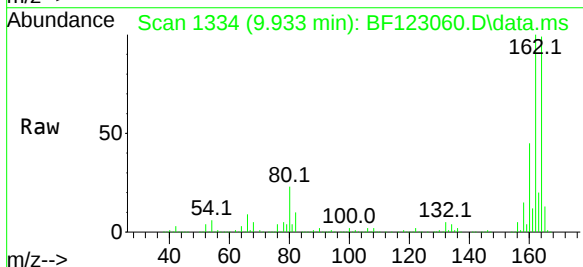
Instrument :
BNA_F
ClientSampleId :
0014-048-COMP-G

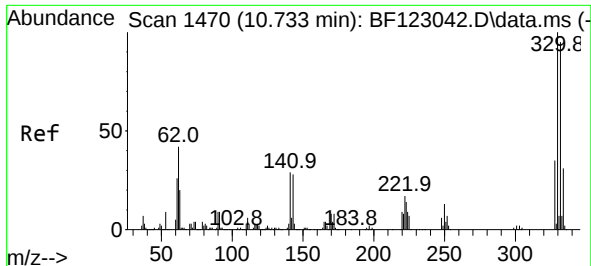
Tgt Ion:122 Resp: 134
Ion Ratio Lower Upper
122 100
105 108.4 104.8 144.8
77 0.0 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

Tgt Ion:164 Resp: 539577
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 45.4 35.4 53.0

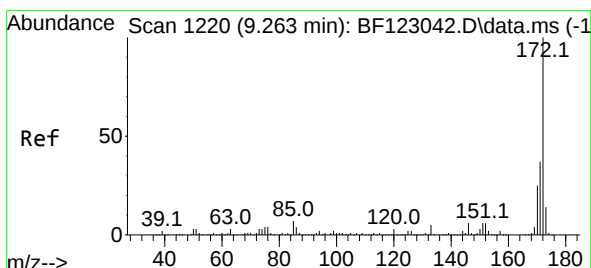
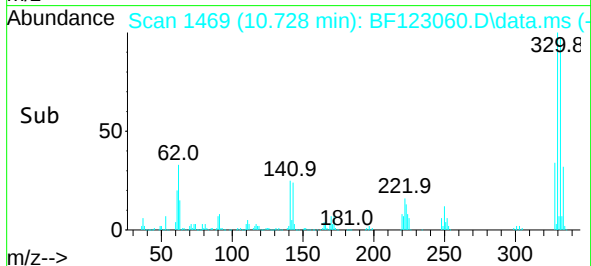
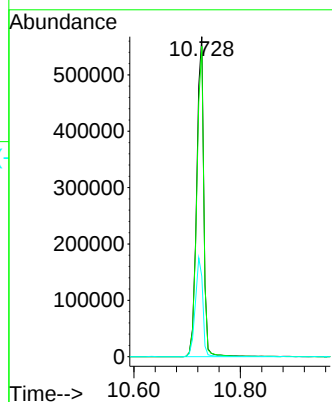
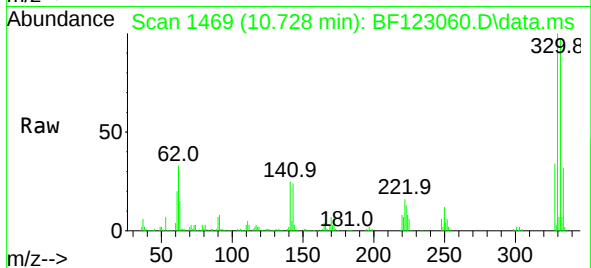




#42
 2,4,6-Tribromophenol
 Concen: 89.39 ng
 RT: 10.728 min Scan# 1469
 Delta R.T. -0.006 min
 Lab File: BF123060.D
 Acq: 28 Jan 2021 15:30

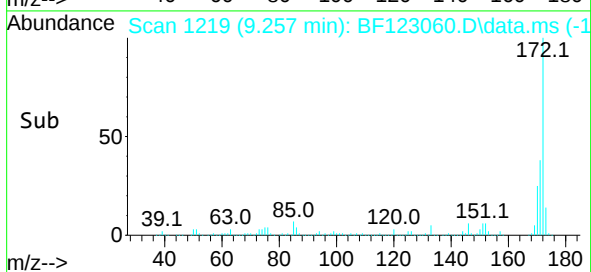
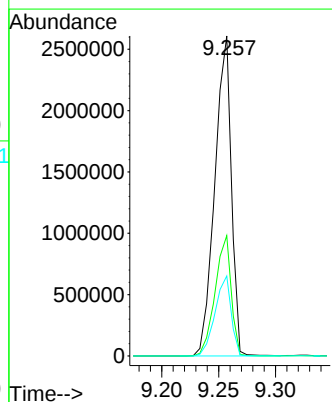
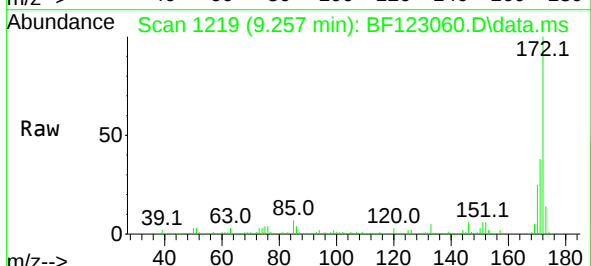
Instrument :
 BNA_F
 ClientSampleId :
 0014-048-COMP-G

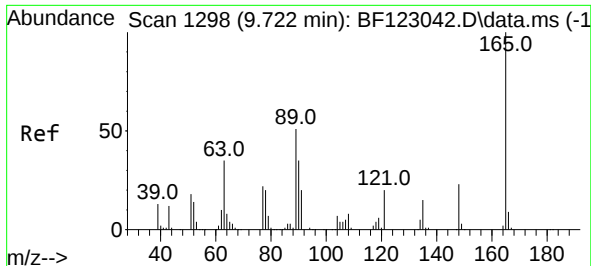
Tgt Ion: 330 Resp: 523617
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.5 116.3
 141 32.8 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 72.77 ng
 RT: 9.257 min Scan# 1219
 Delta R.T. -0.006 min
 Lab File: BF123060.D
 Acq: 28 Jan 2021 15:30

Tgt Ion: 172 Resp: 2641457
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.6 44.4
 170 25.0 19.5 29.3

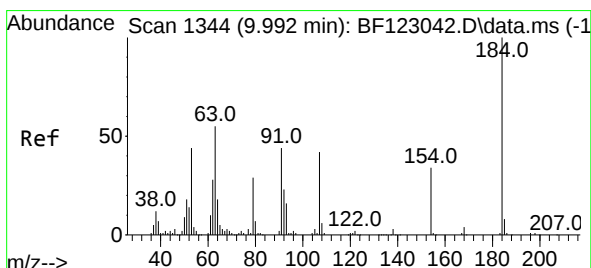
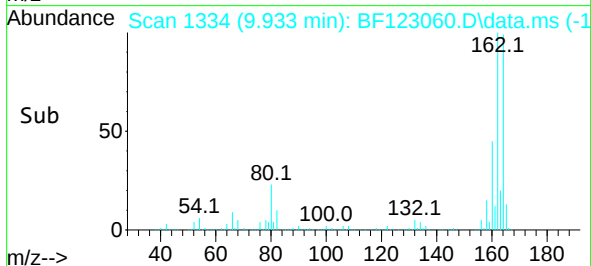
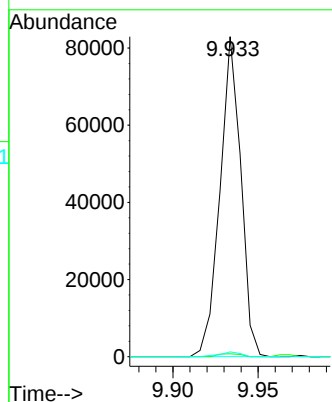
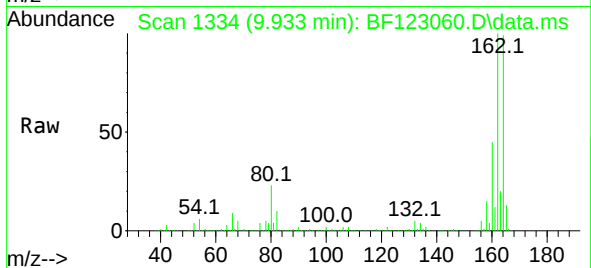




#51
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

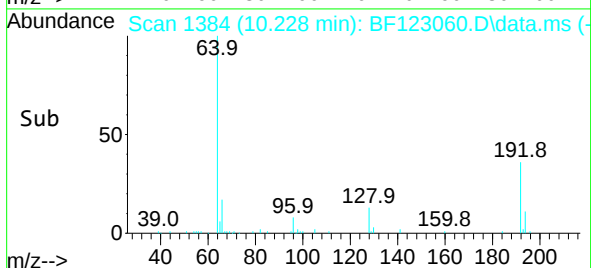
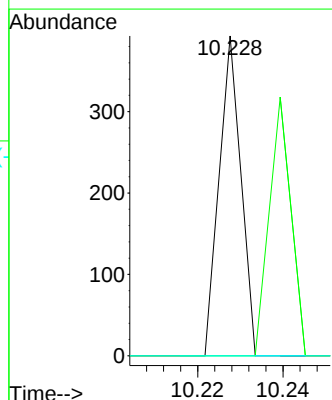
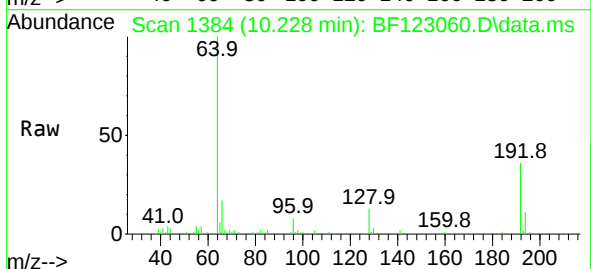
Instrument :
BNA_F
ClientSampleId :
0014-048-COMP-G

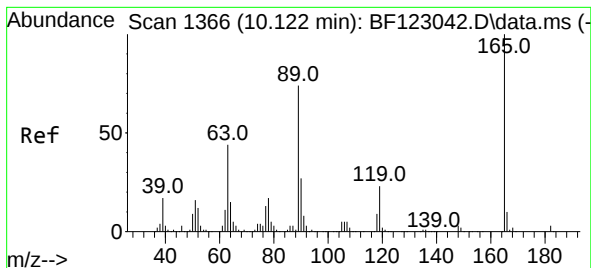
Tgt Ion:165 Resp: 70586
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.5 39.4 59.0#



#54
2,4-Dinitrophenol
Concen: 6.88 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.236 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

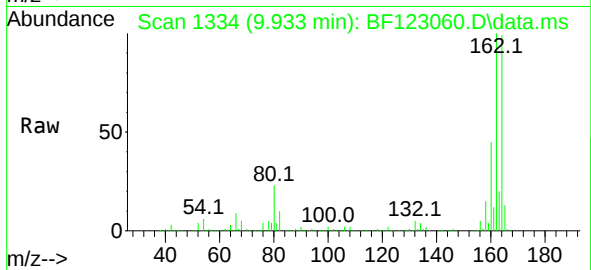
Tgt Ion:184 Resp: 139
Ion Ratio Lower Upper
184 100
63 0.0 51.4 77.2#
154 0.0 49.7 74.5#



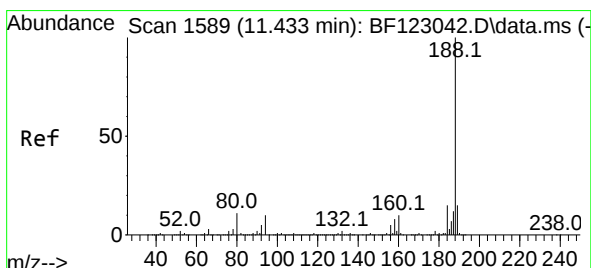
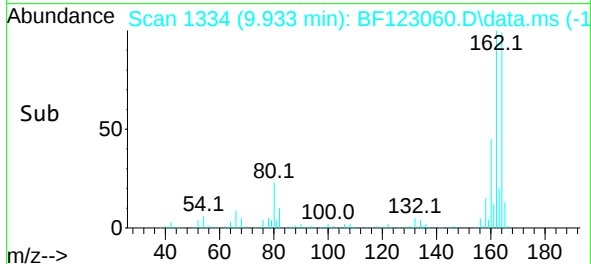
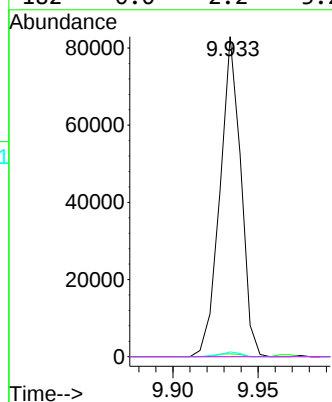


#57
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

Instrument :
BNA_F
ClientSampleId :
0014-048-COMP-G

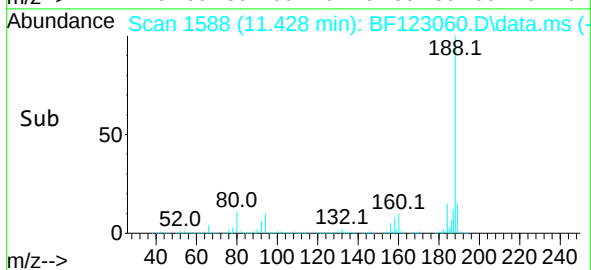
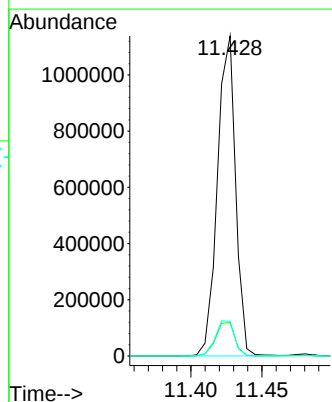
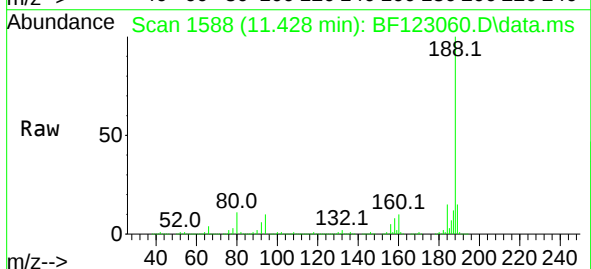


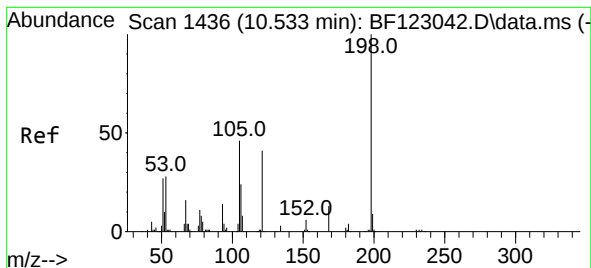
Tgt Ion:165 Resp: 70586
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

Tgt Ion:188 Resp: 1011685
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.8 8.2 12.4

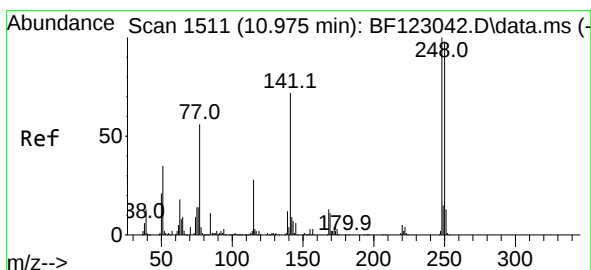
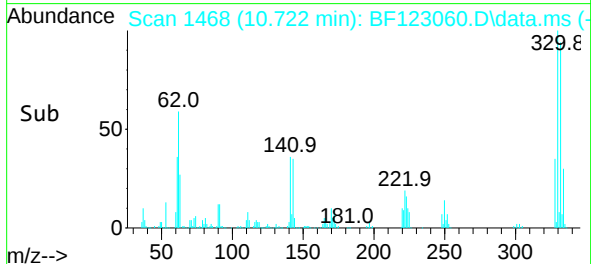
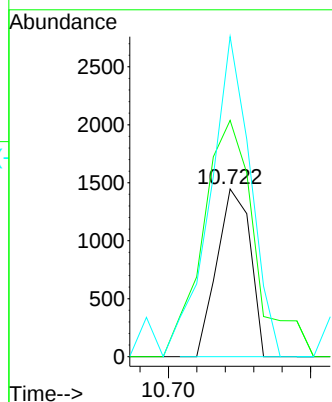
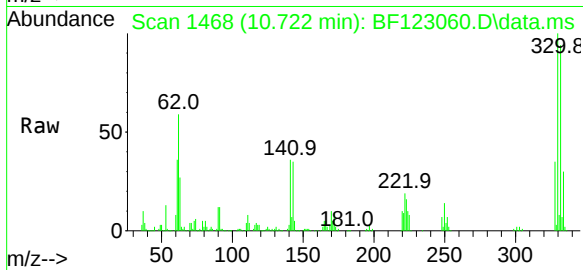




#65
4,6-Dinitro-2-methylphenol
Concen: 5.16 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.189 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

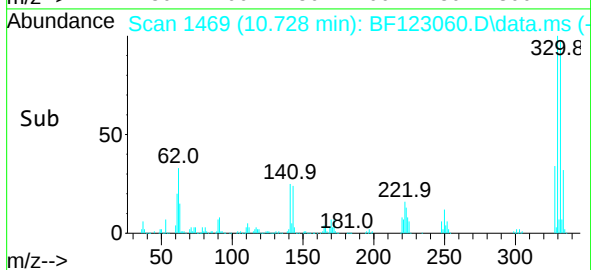
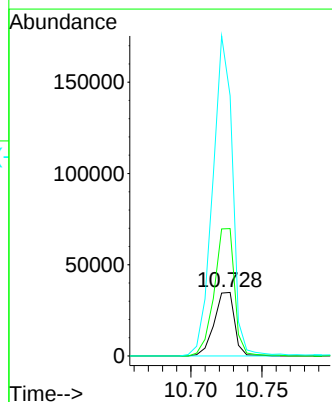
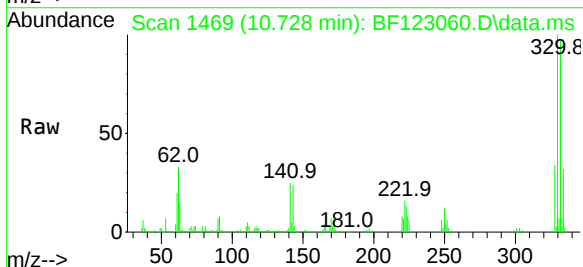
Instrument :
BNA_F
ClientSampleId :
0014-048-COMP-G

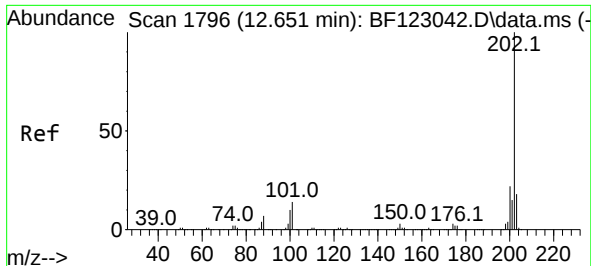
Tgt Ion:198 Resp: 1175
Ion Ratio Lower Upper
198 100
51 140.9 20.3 60.3#
105 190.9 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 2.69 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

Tgt Ion:248 Resp: 34627
Ion Ratio Lower Upper
248 100
250 200.4 76.8 115.2#
141 409.1 59.8 89.8#

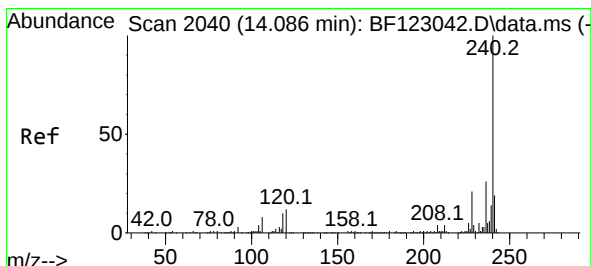
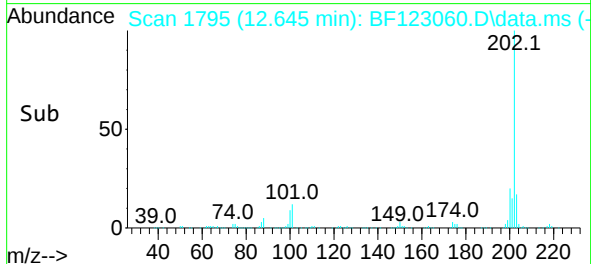
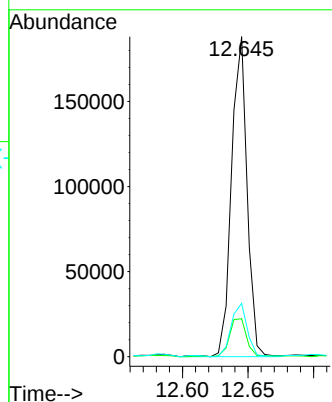
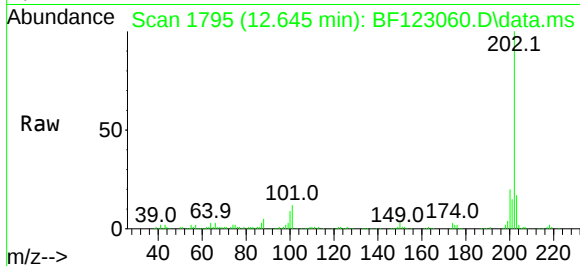




#75
Fluoranthene
Concen: 2.47 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

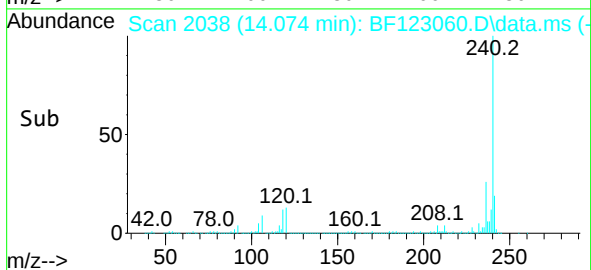
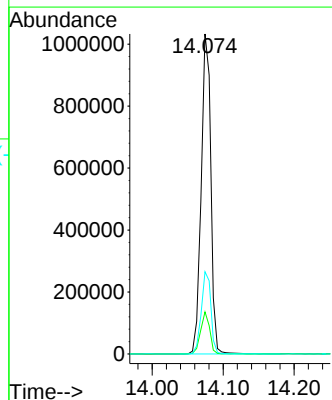
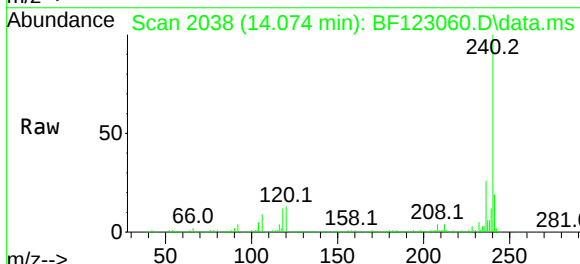
Instrument :
BNA_F
ClientSampleId :
0014-048-COMP-G

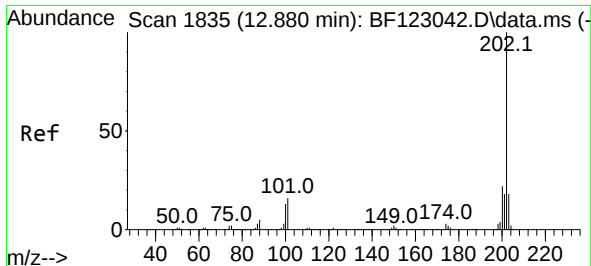
Tgt Ion:202 Resp: 155357
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.2
203 16.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

Tgt Ion:240 Resp: 975244
Ion Ratio Lower Upper
240 100
120 13.1 8.6 12.8#
236 25.7 20.3 30.5

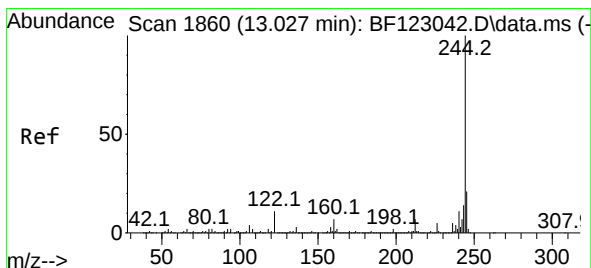
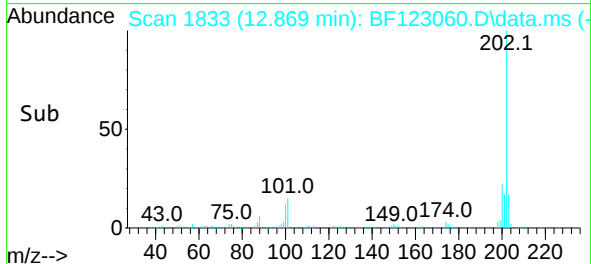
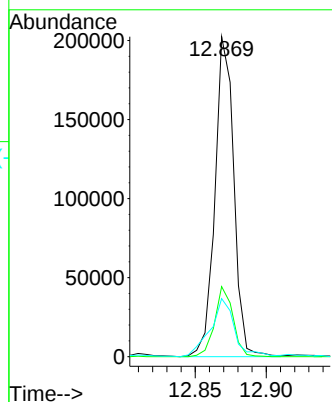
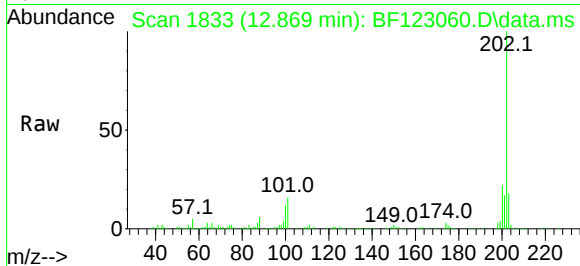




#78
Pyrene
Concen: 2.54 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

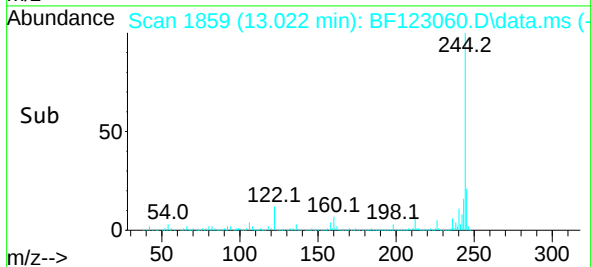
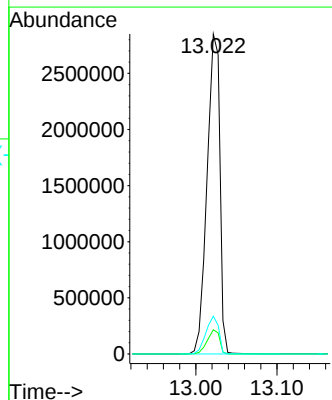
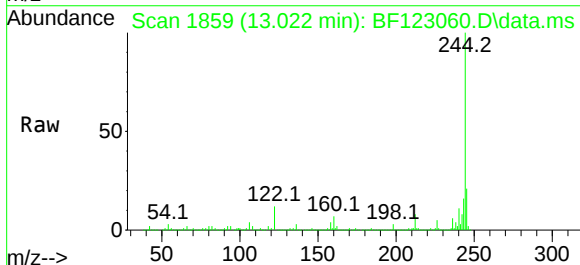
Instrument :
BNA_F
ClientSampleId :
0014-048-COMP-G

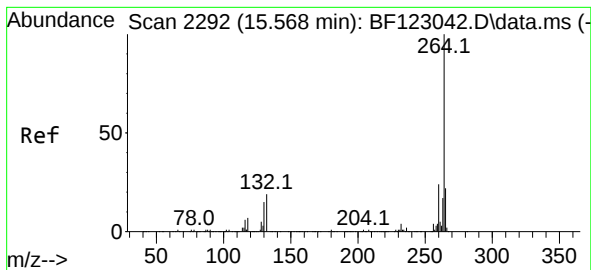
Tgt Ion:202 Resp: 186933
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.2 14.6 21.8



#79
Terphenyl-d14
Concen: 62.86 ng
RT: 13.022 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123060.D
Acq: 28 Jan 2021 15:30

Tgt Ion:244 Resp: 3120037
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 11.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123060.D
 Acq: 28 Jan 2021 15:30

Instrument :
 BNA_F
 ClientSampleId :
 0014-048-COMP-G

Tgt Ion:264 Resp: 887229
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.0 17.0 25.6

