

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
 Data File : BF123151.D
 Acq On : 8 Feb 2021 19:20
 Operator : JU/CG
 Sample : M1317-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 00:31:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

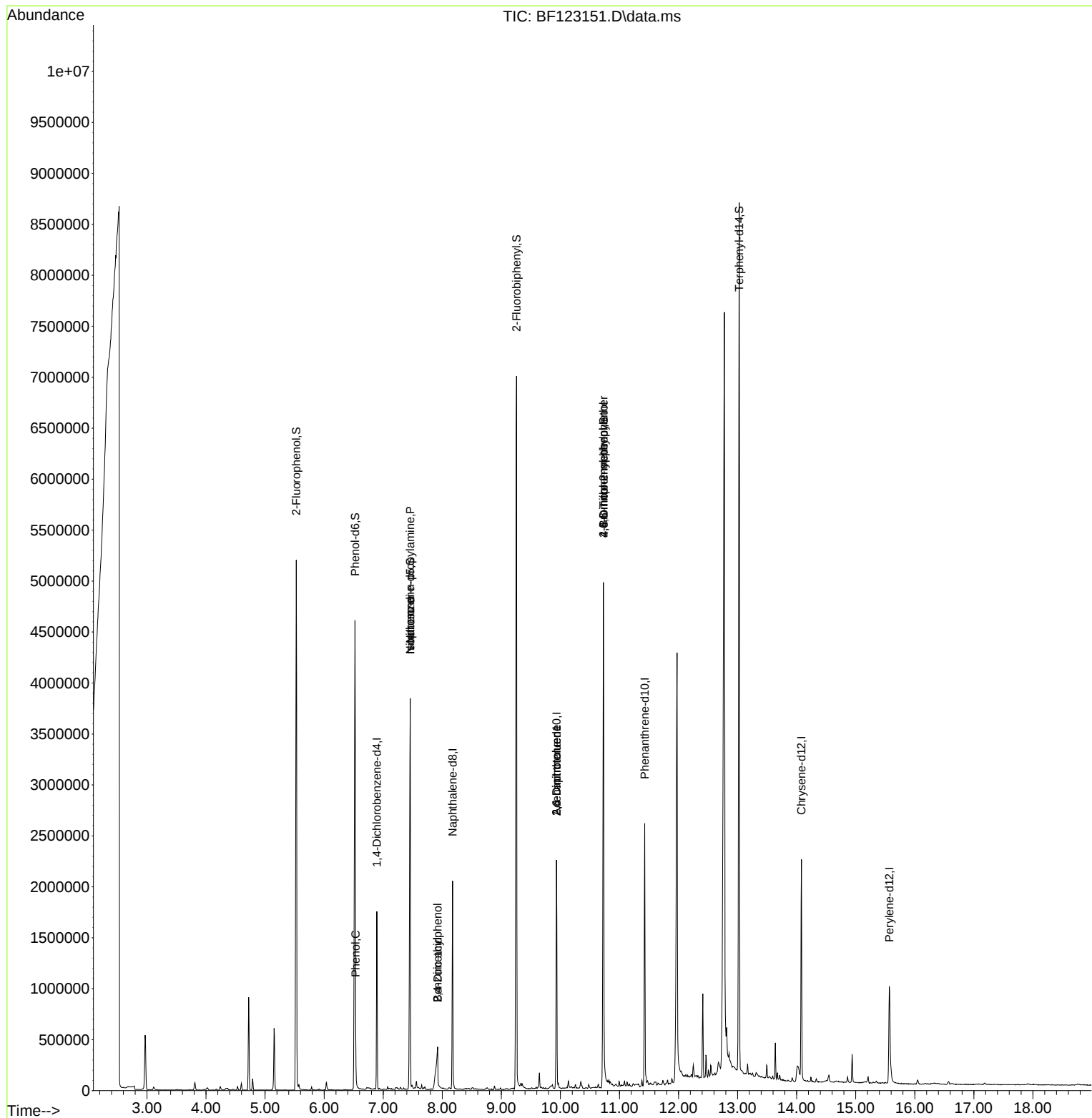
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	229032	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	885285	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	487329	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	899708	20.00	ng	0.00
76) Chrysene-d12	14.080	240	749060	20.00	ng	0.00
86) Perylene-d12	15.568	264	582643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1704855	114.82	ng	0.02
7) Phenol-d6	6.522	99	2016839	100.21	ng	0.00
23) Nitrobenzene-d5	7.457	82	1400940	79.64	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	787878	148.93	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2589871	79.00	ng	0.00
79) Terphenyl-d14	13.027	244	3116089	81.73	ng	0.00
Target Compounds						
10) Phenol	6.534	94	73901	3.70	ng	Qvalue 92
19) n-Nitroso-di-n-propyla...	7.457	70	194198	16.05	ng	# 79
25) Isophorone	7.457	82	1398566	43.41	ng	# 65
27) 2,4-Dimethylphenol	7.922	122	203486	15.05	ng	# 4
32) Benzoic acid	7.922	122	203486	21.68	ng	99
51) 2,6-Dinitrotoluene	9.933	165	64371	7.90	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	64518	6.09	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1481	5.24	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	52580	4.59	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
Data File : BF123151.D
Acq On : 8 Feb 2021 19:20
Operator : JU/CG
Sample : M1317-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 09 00:31:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

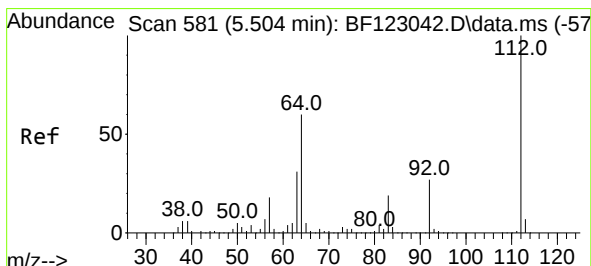
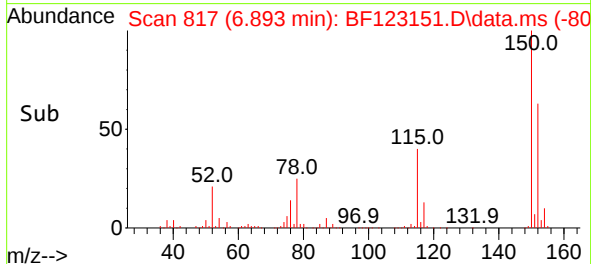
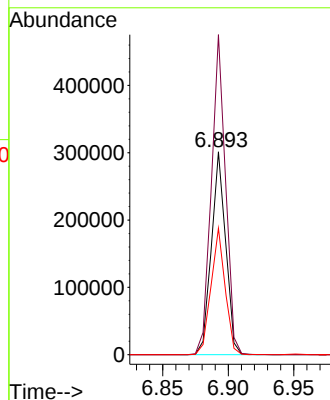
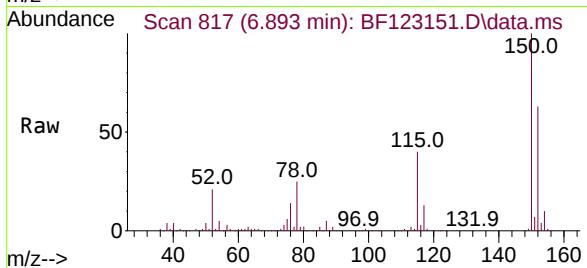




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.893 min Scan# 817
 Delta R.T. 0.001 min
 Lab File: BF123151.D
 Acq: 8 Feb 2021 19:20

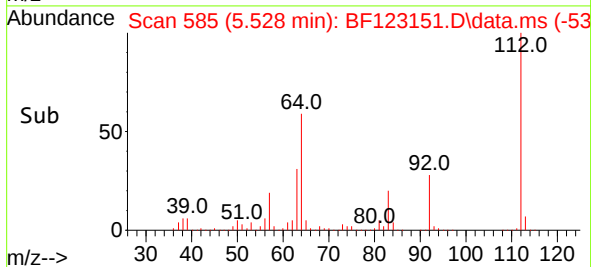
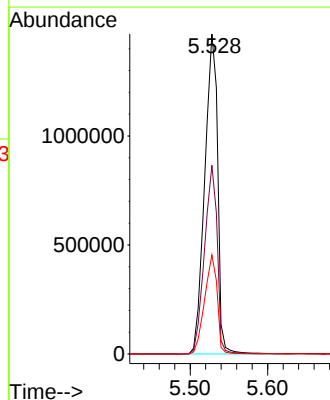
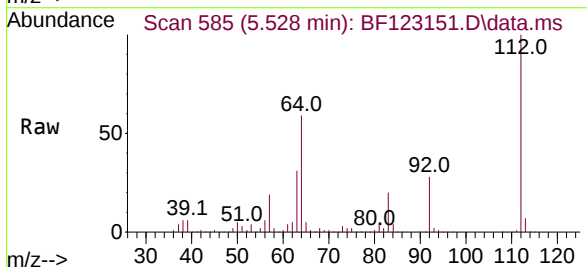
Instrument :
 BNA_F
 ClientSampled :

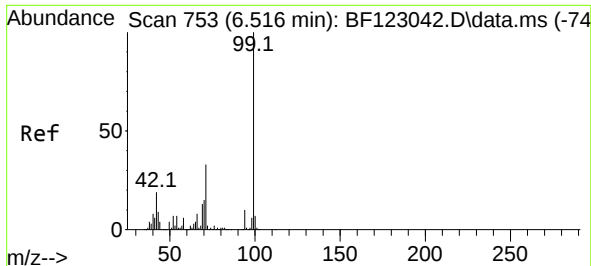
Tgt Ion:152 Resp: 229032
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.8 188.6
 115 62.3 49.3 73.9



#5
 2-Fluorophenol
 Concen: 114.82 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.024 min
 Lab File: BF123151.D
 Acq: 8 Feb 2021 19:20

Tgt Ion:112 Resp: 1704855
 Ion Ratio Lower Upper
 112 100
 64 58.9 46.9 70.3
 63 31.0 24.5 36.7

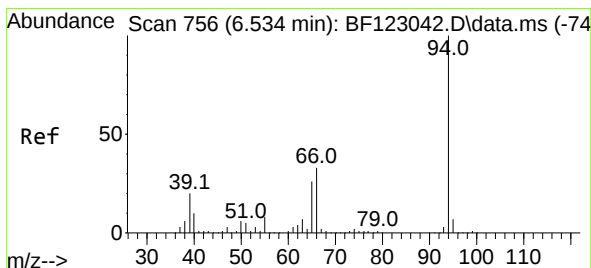
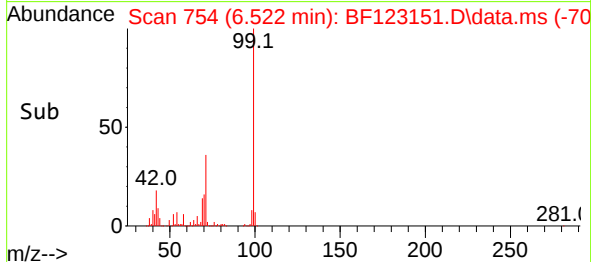
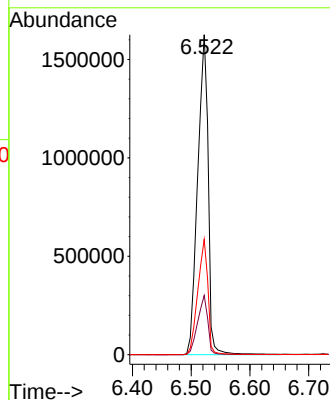
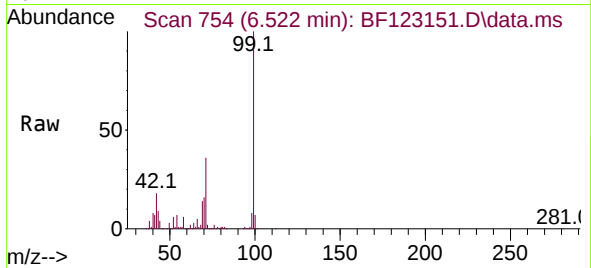




#7
Phenol-d6
Concen: 100.21 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

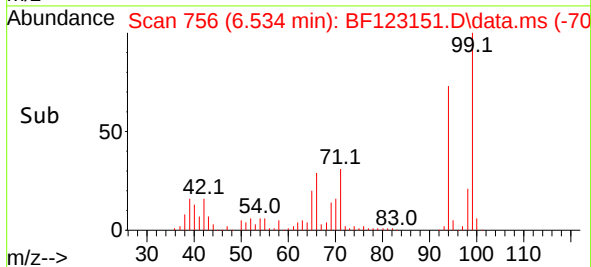
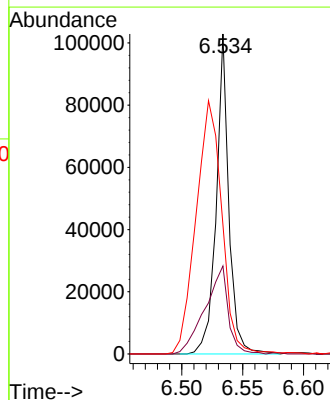
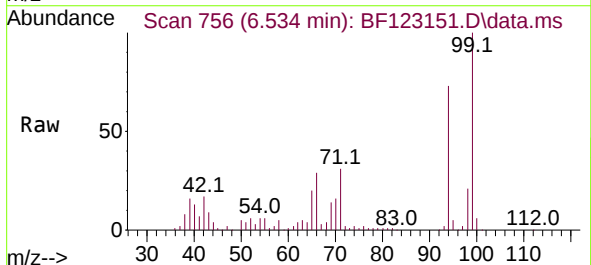
Instrument :
BNA_F
ClientSampleId :

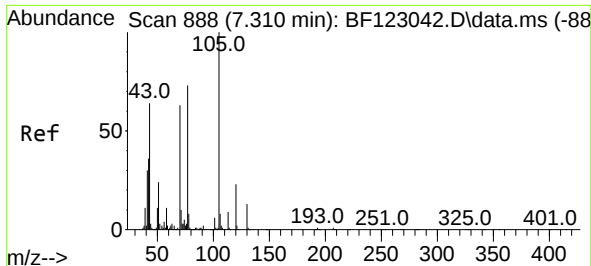
Tgt Ion: 99 Resp: 2016839
Ion Ratio Lower Upper
99 100
42 18.5 13.8 20.6
71 36.1 26.9 40.3



#10
Phenol
Concen: 3.70 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

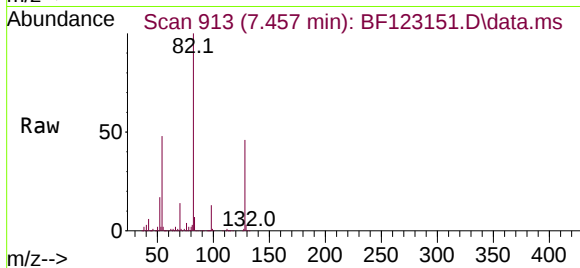
Tgt Ion: 94 Resp: 73901
Ion Ratio Lower Upper
94 100
65 27.5 11.2 51.2
66 40.5 25.8 65.8



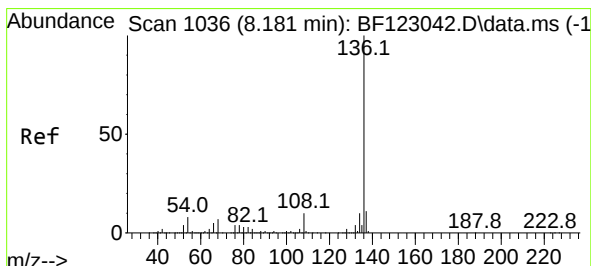
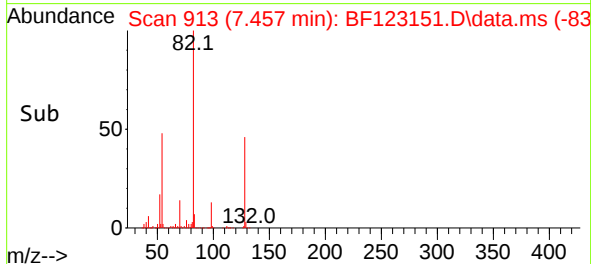
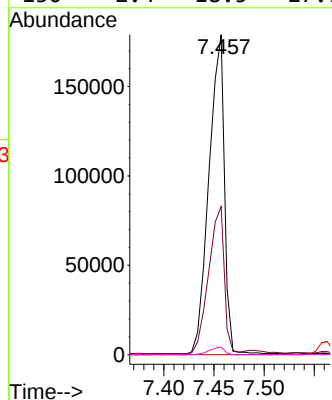


#19
n-Nitroso-di-n-propylamine
Concen: 16.05 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

Instrument :
BNA_F
ClientSampled :

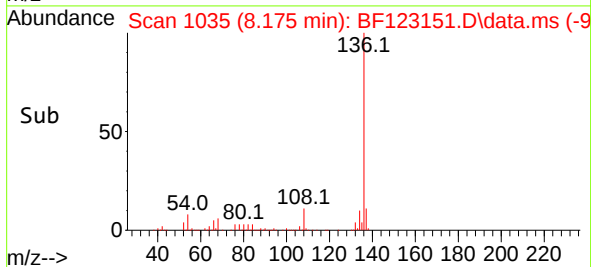
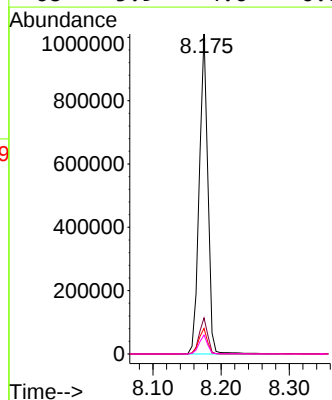
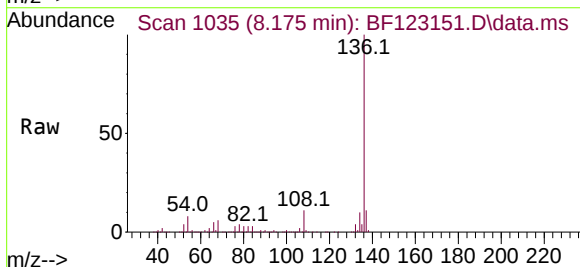


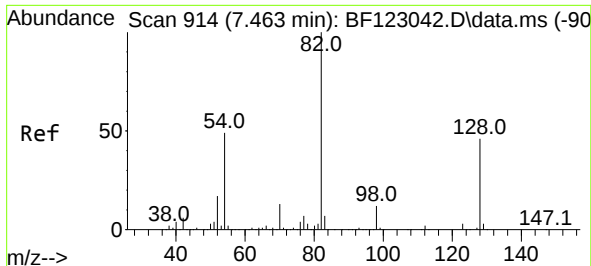
Tgt Ion: 70 Resp: 194198
Ion Ratio Lower Upper
70 100
42 46.2 43.0 64.4
101 0.0 7.9 11.9#
130 2.4 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

Tgt Ion: 136 Resp: 885285
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.0 5.5 8.3
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 79.64 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

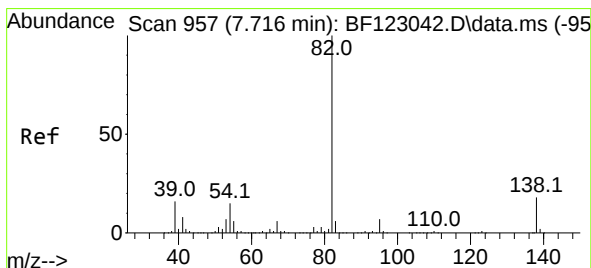
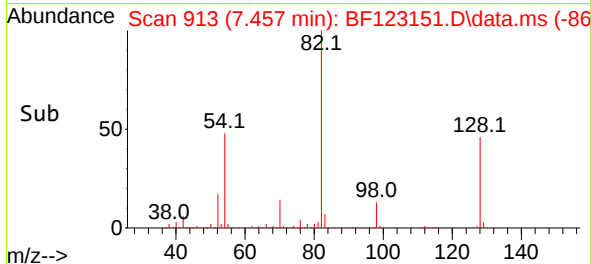
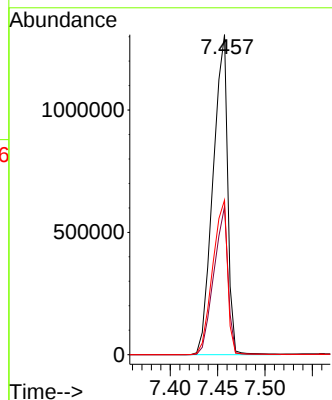
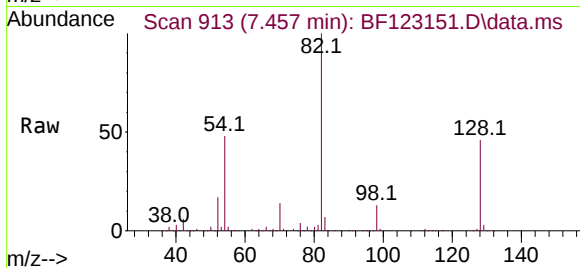
Lab File: BF123151.D

Acq: 8 Feb 2021 19:20

Tgt Ion: 82 Resp: 1400940

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.4
54	48.3	38.4	57.6

Instrument :
BNA_F
ClientSampleId :



#25

Isophorone

Concen: 43.41 ng

RT: 7.457 min Scan# 913

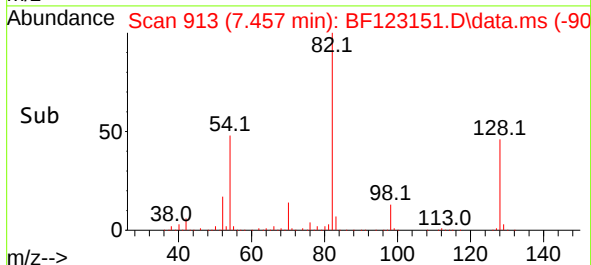
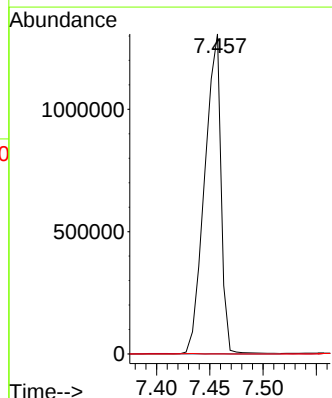
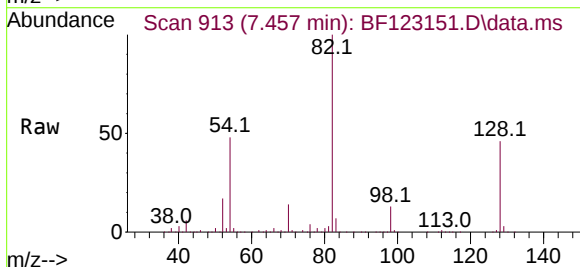
Delta R.T. -0.259 min

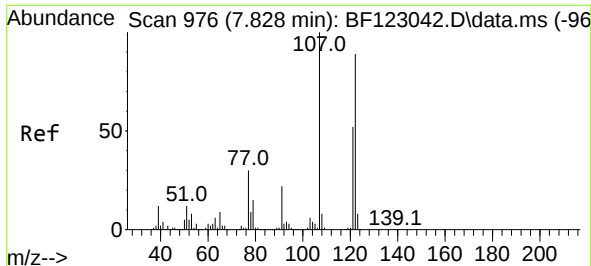
Lab File: BF123151.D

Acq: 8 Feb 2021 19:20

Tgt Ion: 82 Resp: 1398566

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

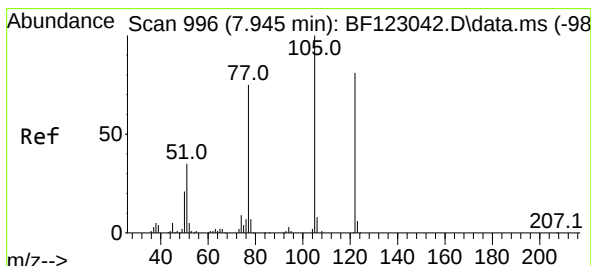
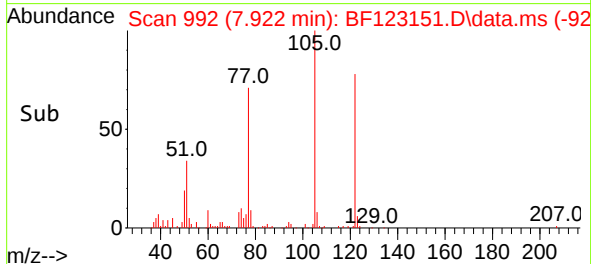
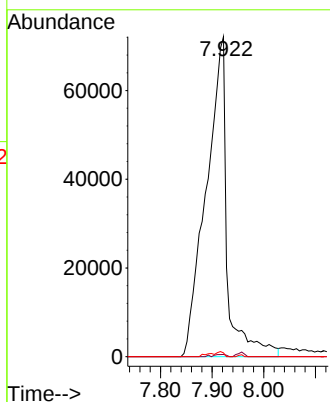
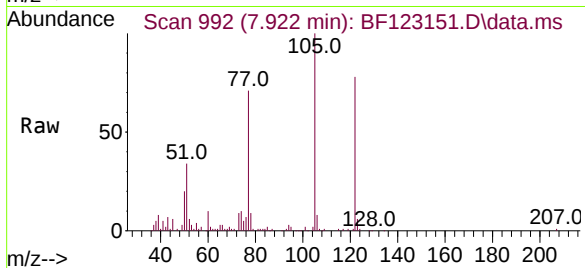




#27
2,4-Dimethylphenol
Concen: 15.05 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.094 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

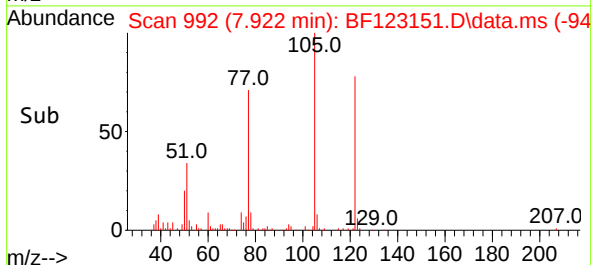
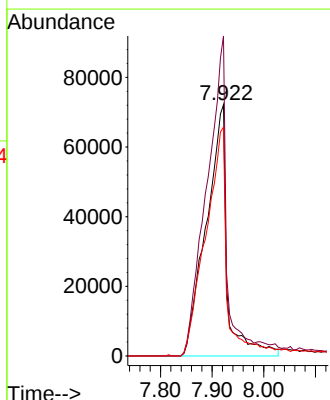
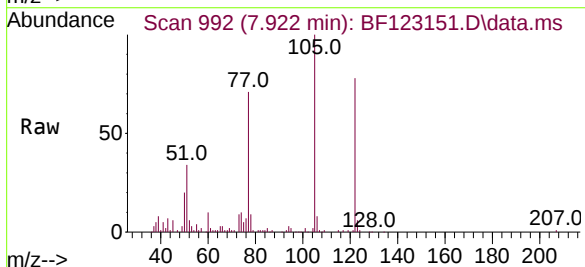
Instrument :
BNA_F
ClientSampleId :

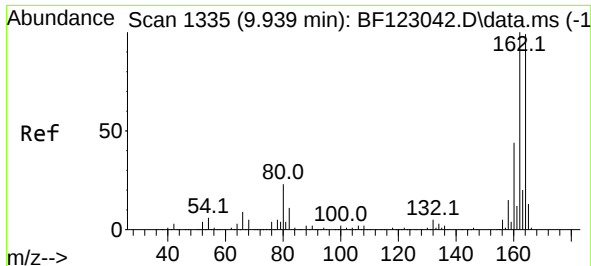
Tgt Ion:122 Resp: 203486
Ion Ratio Lower Upper
122 100
107 0.7 91.8 137.8#
121 1.2 47.3 70.9#



#32
Benzoic acid
Concen: 21.68 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.023 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

Tgt Ion:122 Resp: 203486
Ion Ratio Lower Upper
122 100
105 127.4 104.8 144.8
77 91.0 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: BF123151.D

Acq: 8 Feb 2021 19:20

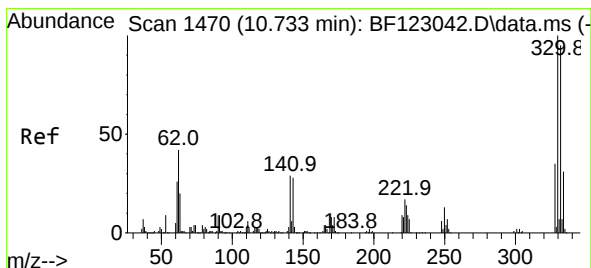
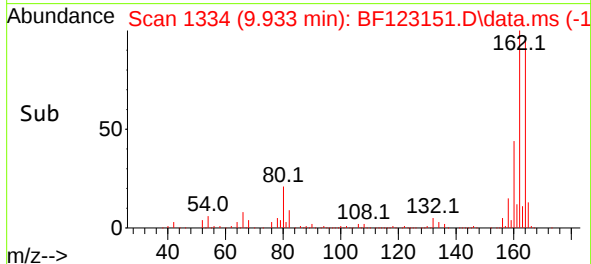
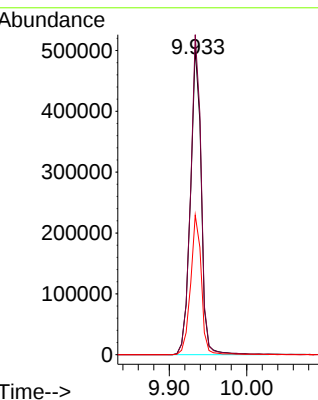
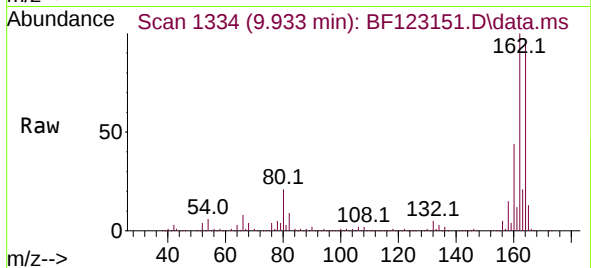
Tgt Ion:164 Resp: 487329

Ion Ratio Lower Upper

164 100

162 104.2 80.8 121.2

160 45.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 148.93 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF123151.D

Acq: 8 Feb 2021 19:20

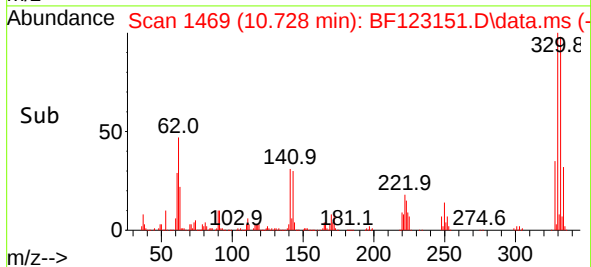
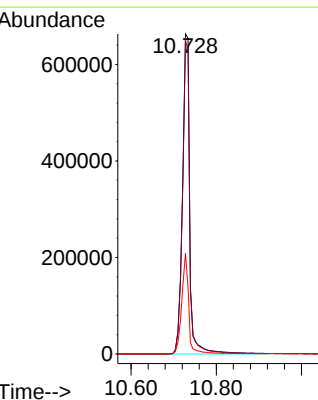
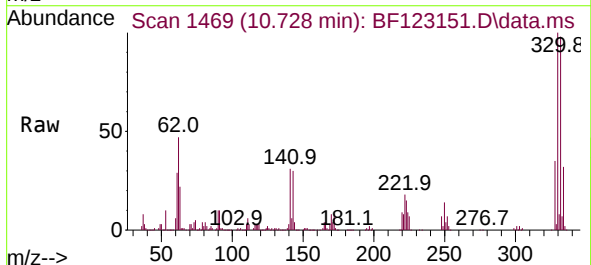
Tgt Ion:330 Resp: 787878

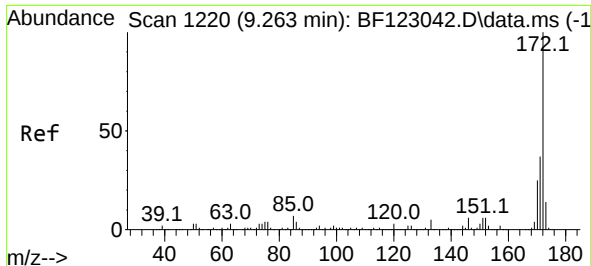
Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 30.0 23.8 35.8

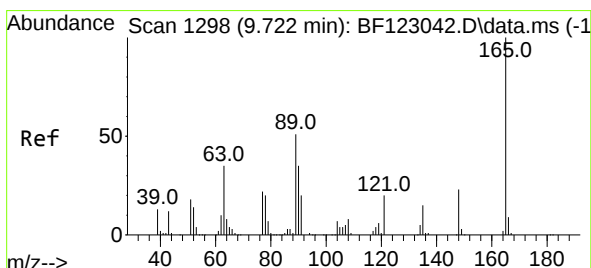
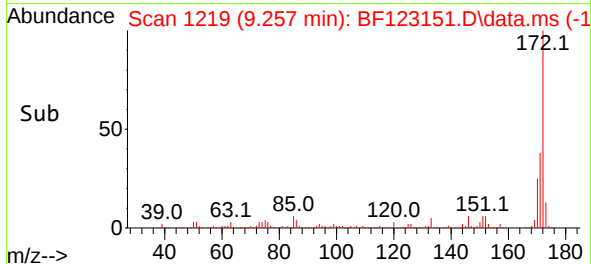
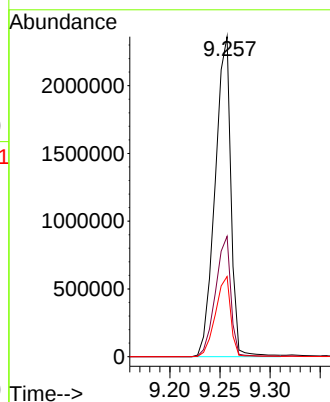
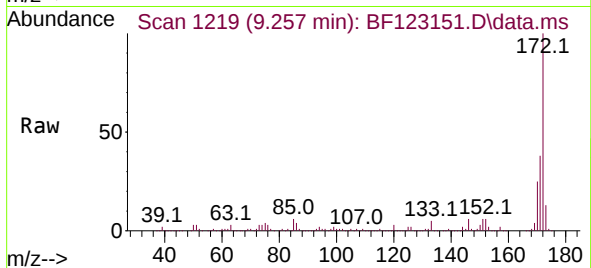




#45
2-Fluorobiphenyl
Concen: 79.00 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

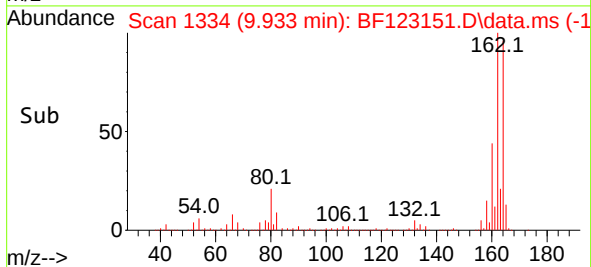
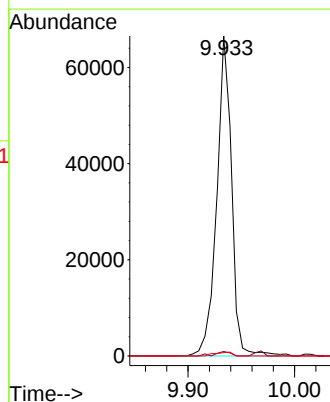
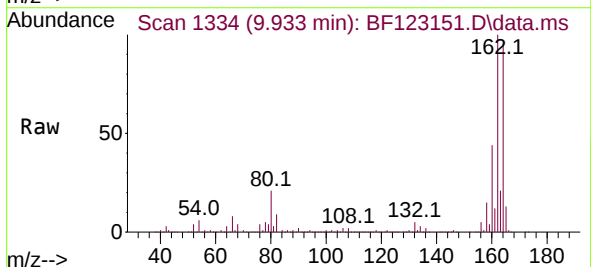
Instrument :
BNA_F
ClientSampleId :

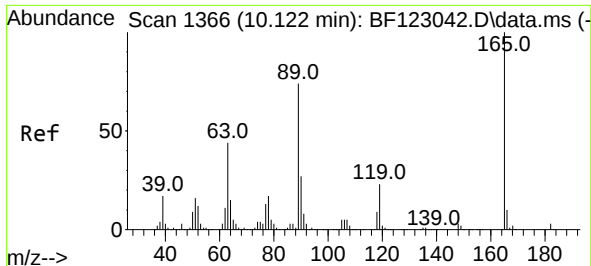
Tgt Ion:172 Resp: 2589871
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 25.1 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

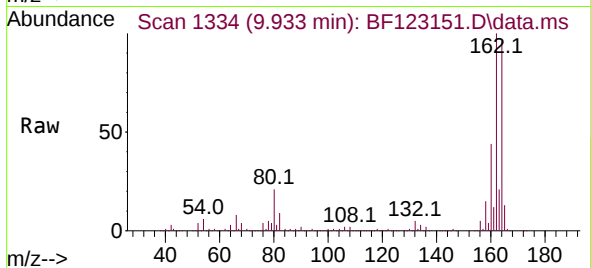
Tgt Ion:165 Resp: 64371
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.1 39.4 59.0#



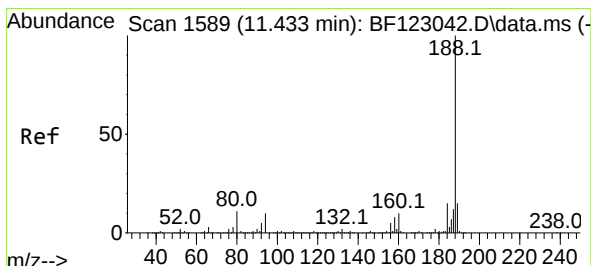
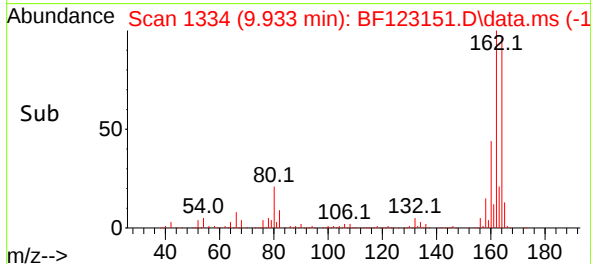
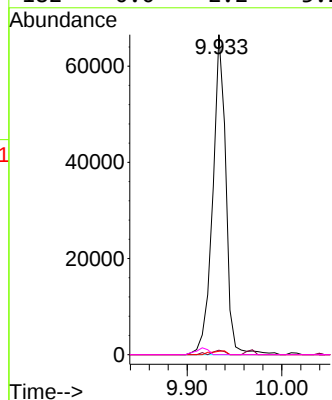


#57
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

Instrument :
BNA_F
ClientSampleId :

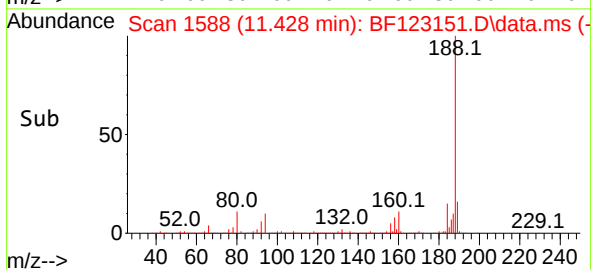
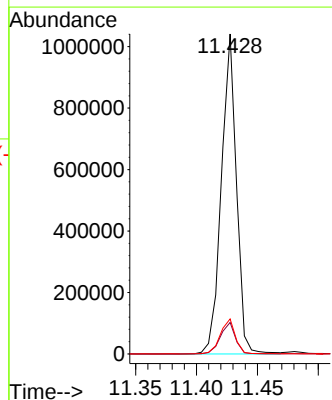
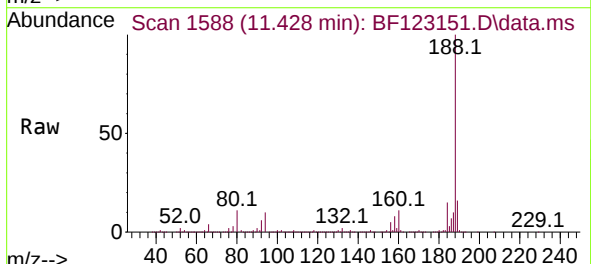


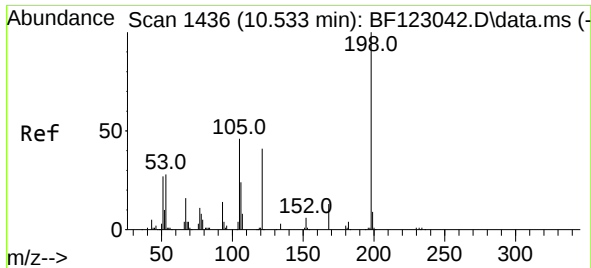
Tgt Ion:165 Resp: 64518
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

Tgt Ion:188 Resp: 899708
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.0 8.2 12.4

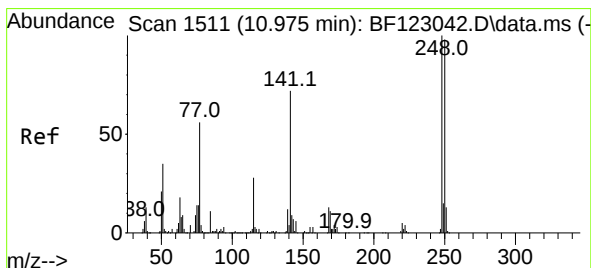
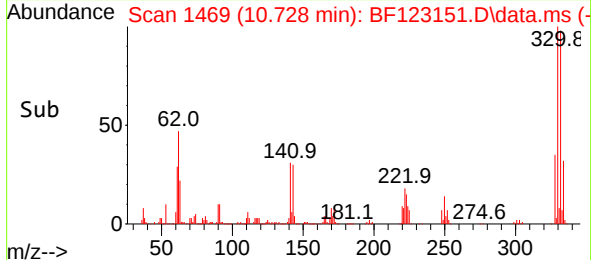
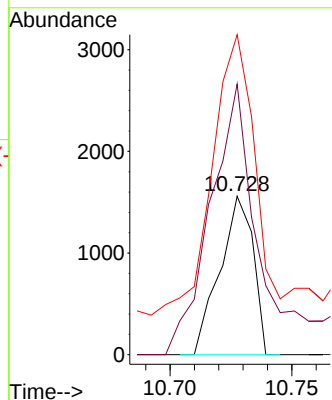
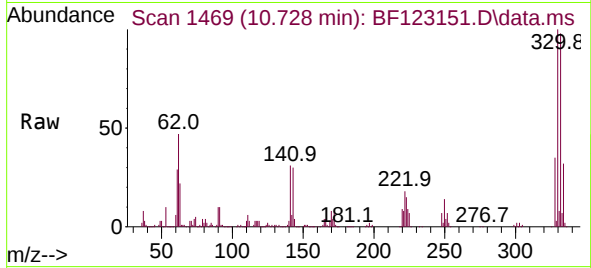




#65
4,6-Dinitro-2-methylphenol
Concen: 5.24 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

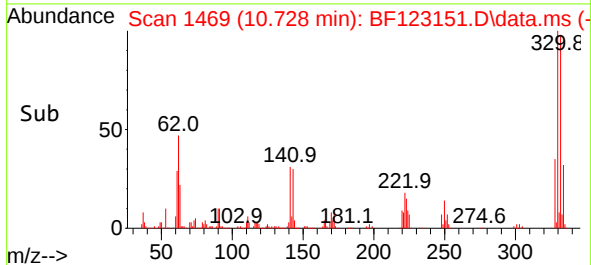
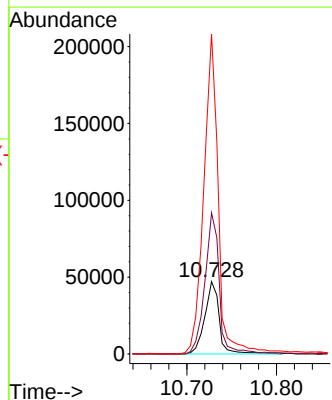
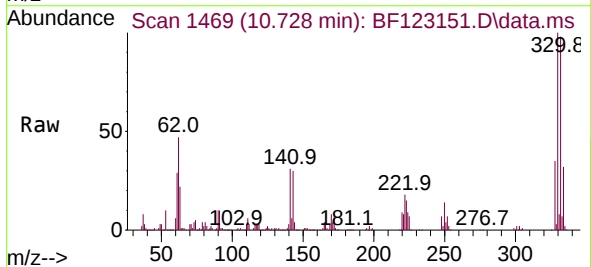
Instrument :
BNA_F
ClientSampleId :

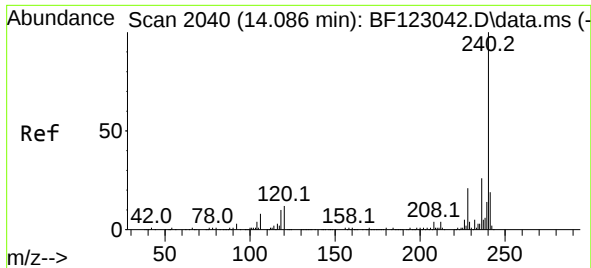
Tgt Ion:198 Resp: 1481
Ion Ratio Lower Upper
198 100
51 170.8 20.3 60.3#
105 201.9 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

Tgt Ion:248 Resp: 52580
Ion Ratio Lower Upper
248 100
250 195.3 76.8 115.2#
141 442.9 59.8 89.8#

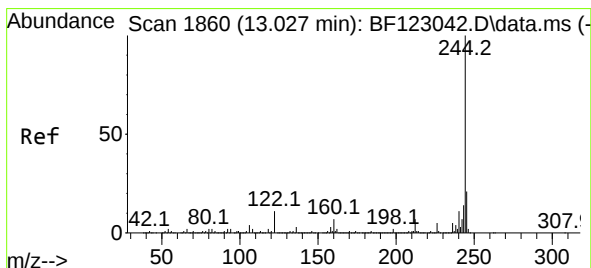
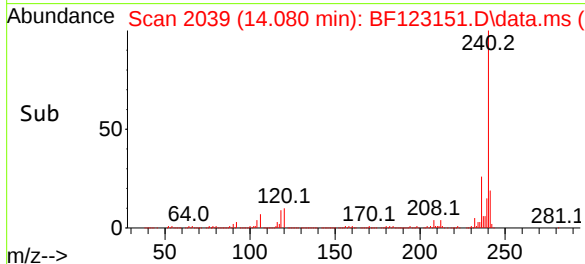
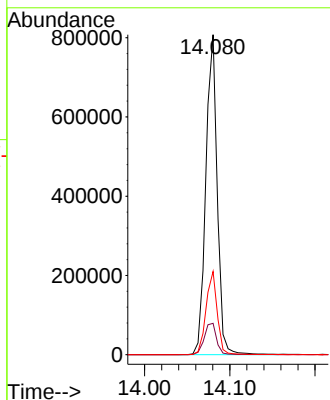
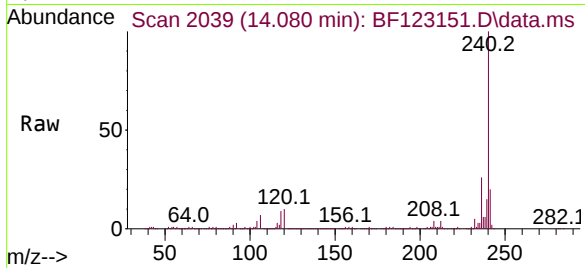




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

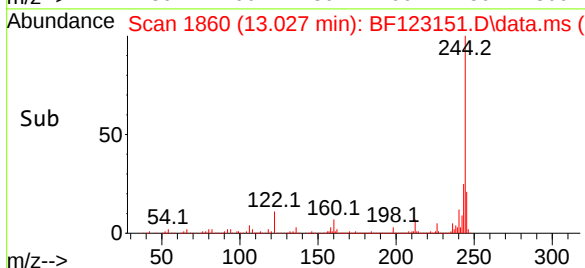
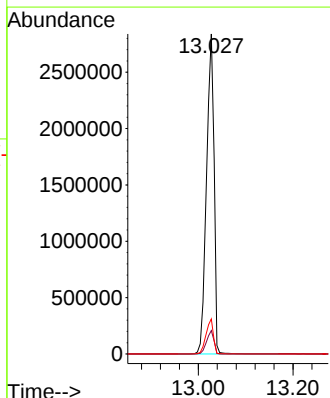
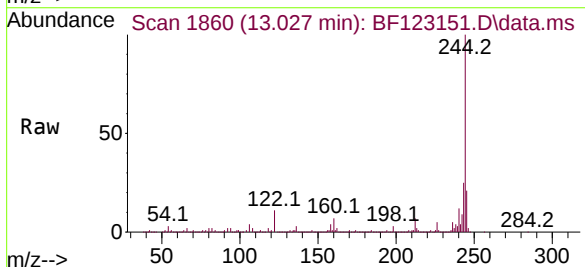
Instrument :
BNA_F
ClientSampleId :

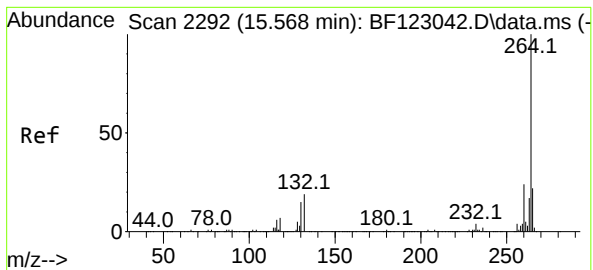
Tgt Ion:240 Resp: 749060
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 81.73 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

Tgt Ion:244 Resp: 3116089
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF123151.D
 Acq: 8 Feb 2021 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264 Resp: 582643

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	22.0	17.0	25.6

