

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
 Data File : BF123148.D
 Acq On : 8 Feb 2021 17:43
 Operator : JU/CG
 Sample : M1317-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-A

Quant Time: Feb 09 00:30:52 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)

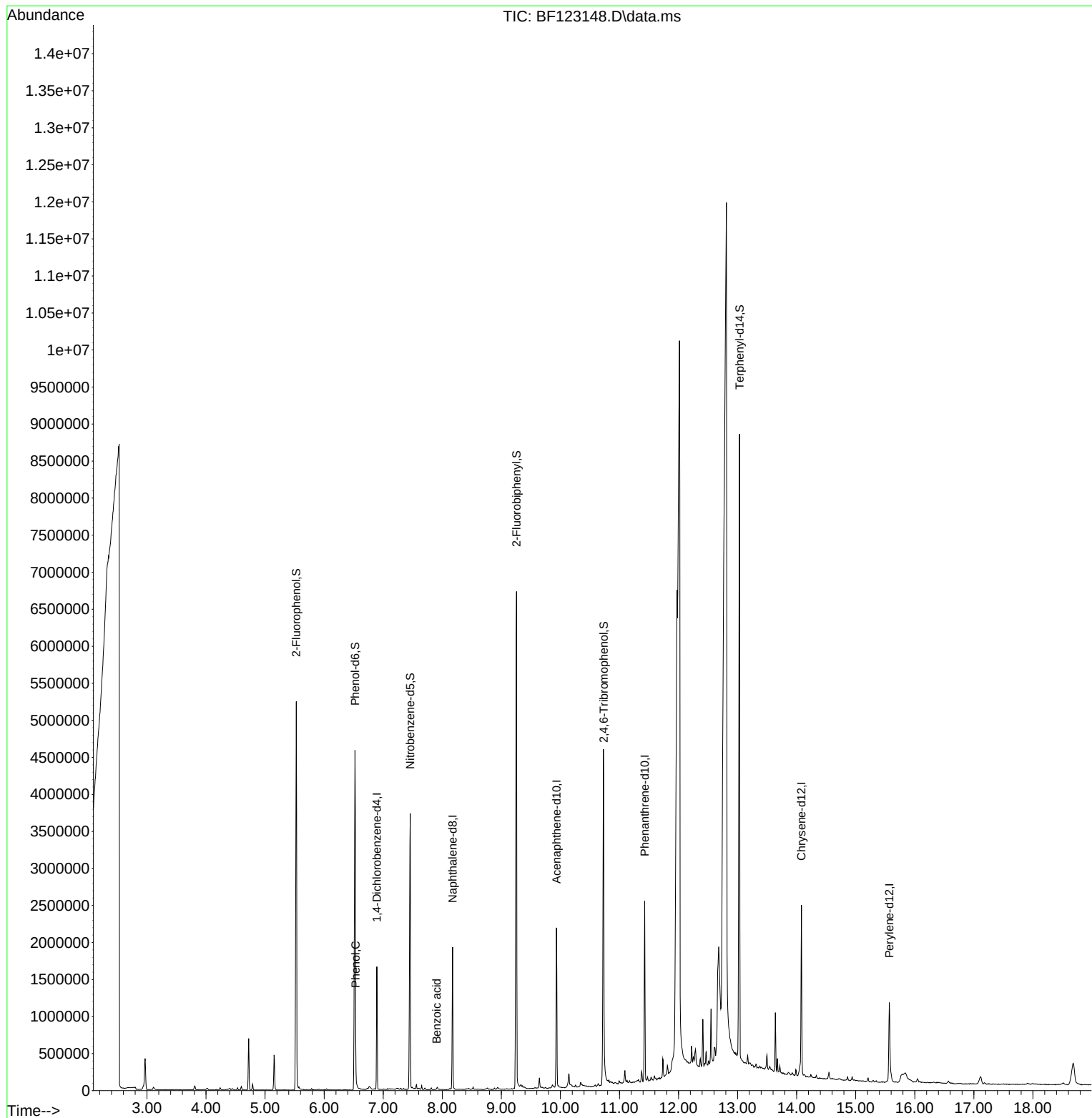
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	217304	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	835854	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	466661	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	858427	20.00	ng	0.00
76) Chrysene-d12	14.080	240	724355	20.00	ng	0.00
86) Perylene-d12	15.568	264	558021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1690592	120.01	ng	0.02
7) Phenol-d6	6.522	99	2039528	106.81	ng	0.00
23) Nitrobenzene-d5	7.457	82	1385932	83.45	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	774708	152.93	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2553001	81.33	ng	0.00
79) Terphenyl-d14	13.033	244	3060565	83.01	ng	0.00
Target Compounds						
10) Phenol	6.534	94	53211	2.81	ng	97
32) Benzoic acid	7.904	122	3723	5.24	ng	91

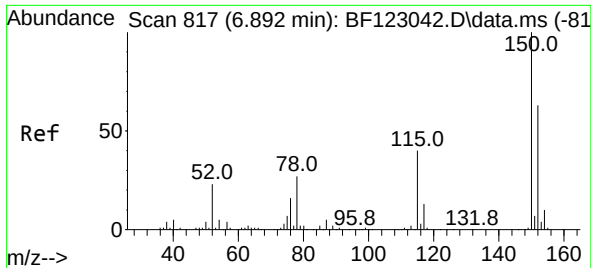
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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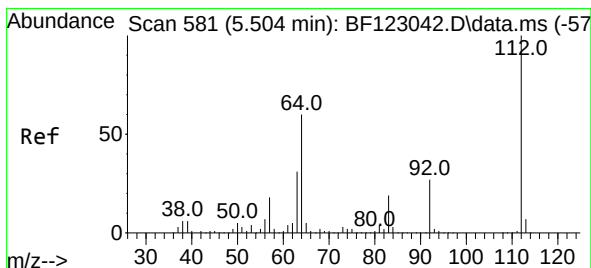
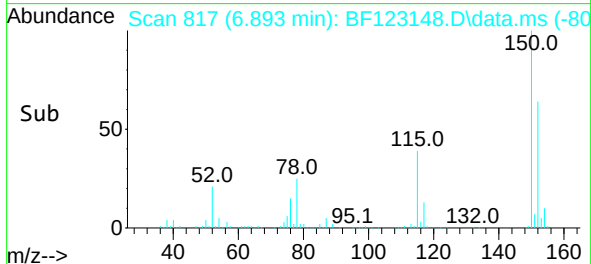
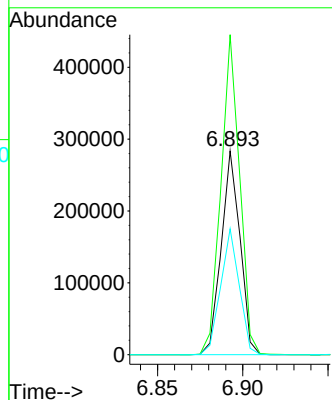
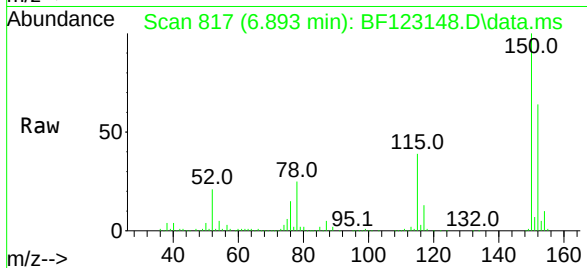




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

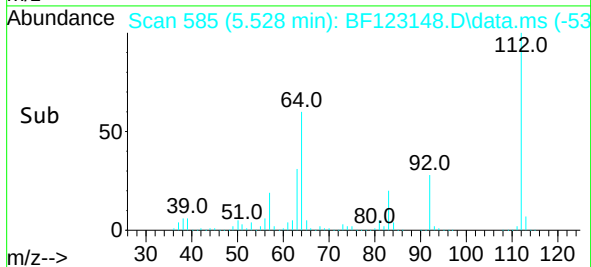
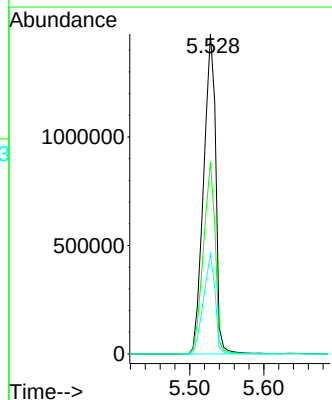
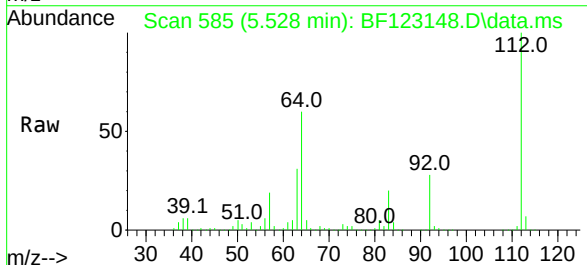
Instrument :
BNA_F
ClientSampled :
R-A

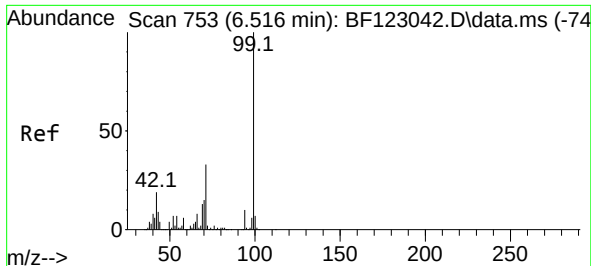
Tgt Ion:152 Resp: 217304
Ion Ratio Lower Upper
152 100
150 157.1 125.8 188.6
115 61.8 49.3 73.9



#5
2-Fluorophenol
Concen: 120.01 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.024 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Tgt Ion:112 Resp: 1690592
Ion Ratio Lower Upper
112 100
64 60.1 46.9 70.3
63 31.3 24.5 36.7

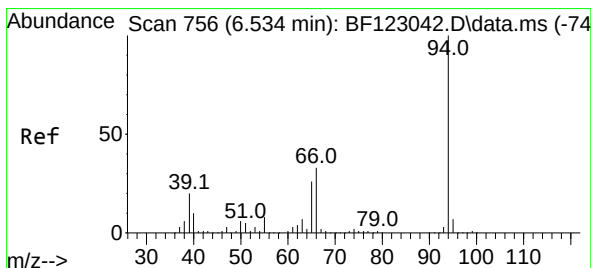
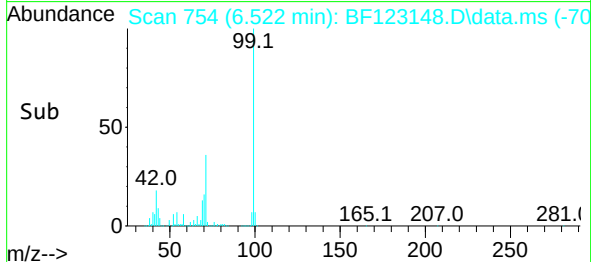
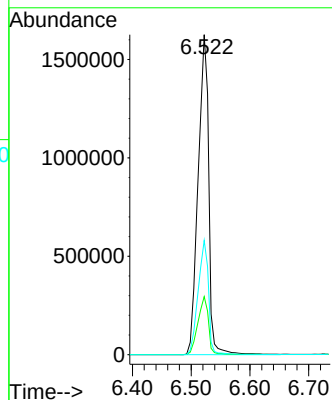
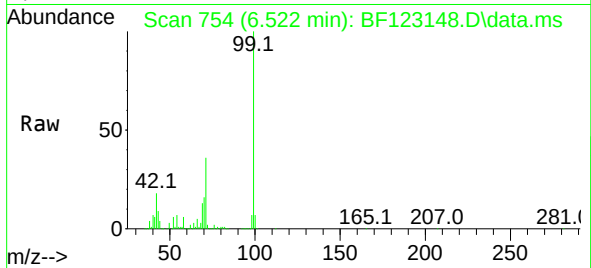




#7
Phenol-d6
Concen: 106.81 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

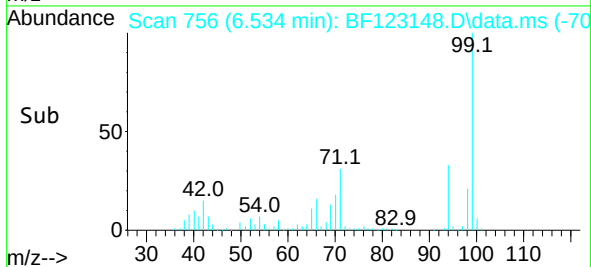
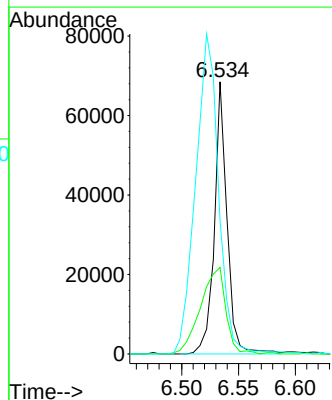
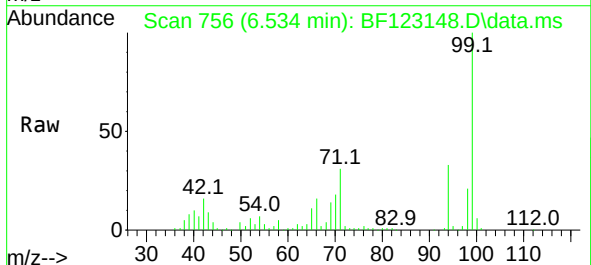
Instrument :
BNA_F
ClientSampled :
R-A

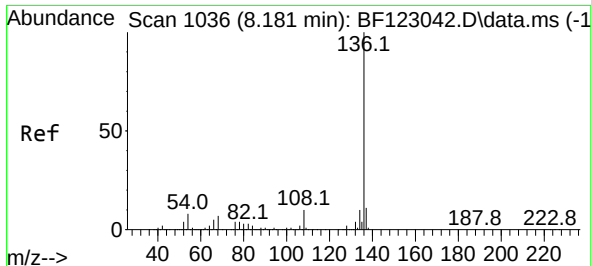
Tgt Ion: 99 Resp: 2039528
Ion Ratio Lower Upper
99 100
42 18.2 13.8 20.6
71 35.7 26.9 40.3



#10
Phenol
Concen: 2.81 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

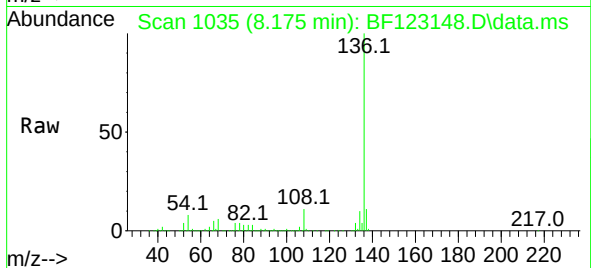
Tgt Ion: 94 Resp: 53211
Ion Ratio Lower Upper
94 100
65 31.8 11.2 51.2
66 49.1 25.8 65.8



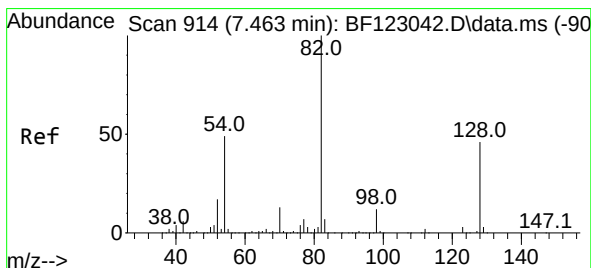
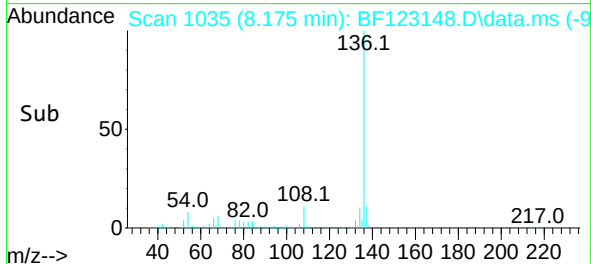
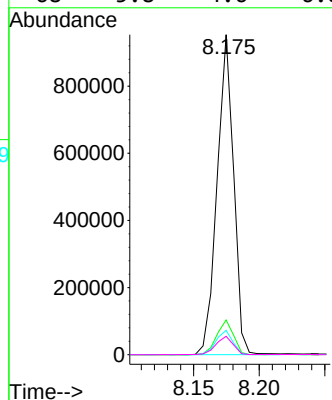


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Instrument :
BNA_F
ClientSampled :
R-A

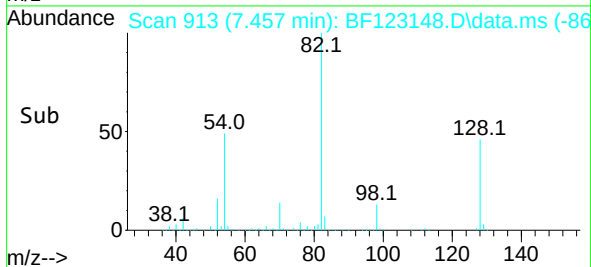
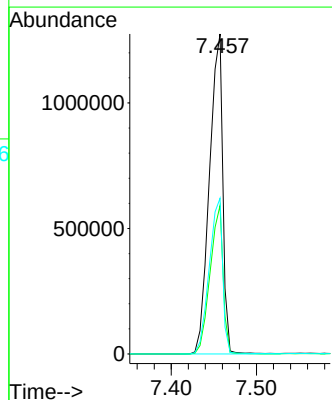
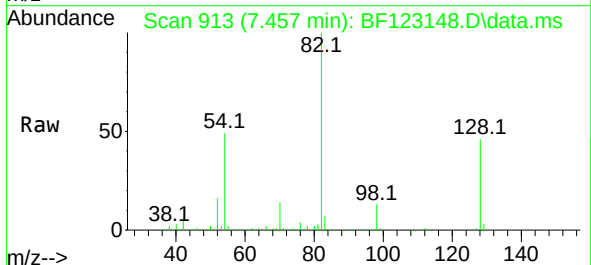


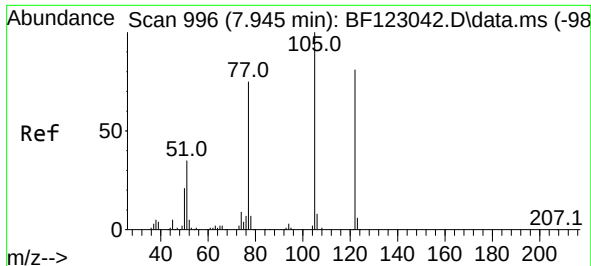
Tgt Ion:136 Resp: 835854
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 5.5 8.3
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 83.45 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

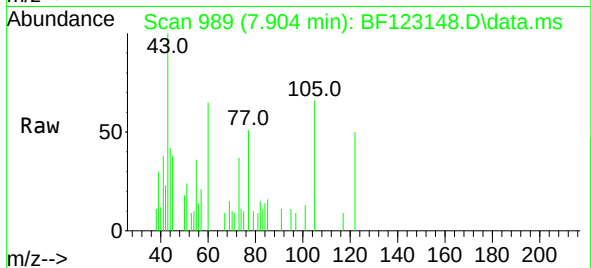
Tgt Ion: 82 Resp: 1385932
Ion Ratio Lower Upper
82 100
128 46.4 37.0 55.4
54 48.7 38.4 57.6



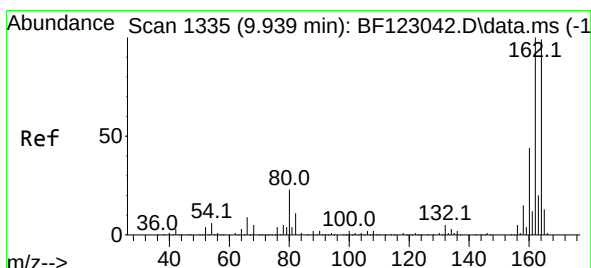
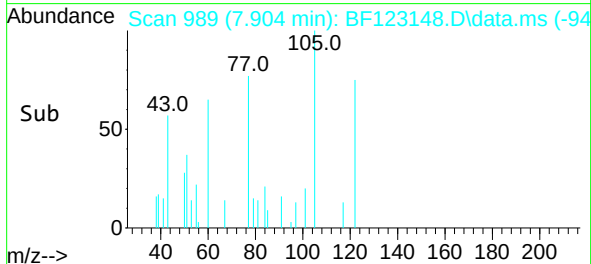
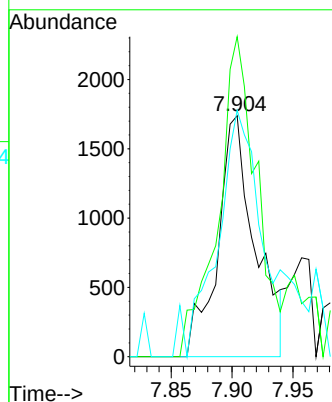


#32
Benzoic acid
Concen: 5.24 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.041 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Instrument :
BNA_F
ClientSampled :
R-A

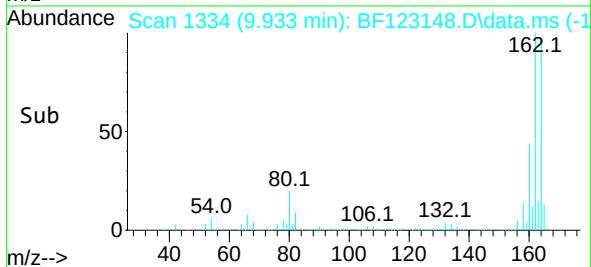
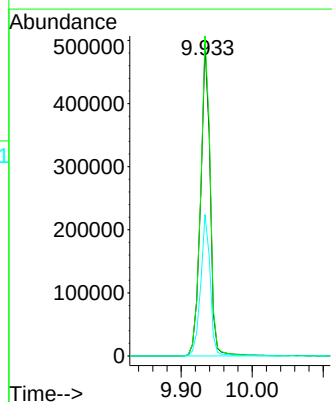
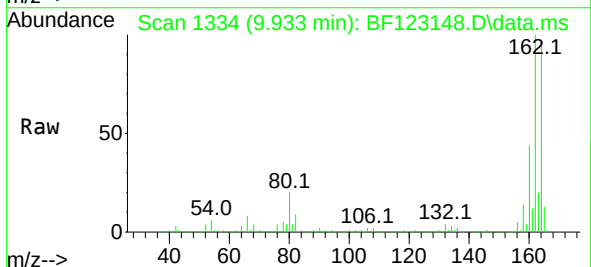


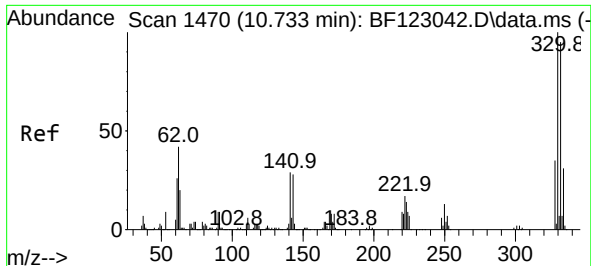
Tgt Ion:	122	Resp:	3723
Ion	Ratio	Lower	Upper
122	100		
105	132.8	104.8	144.8
77	102.2	71.0	111.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

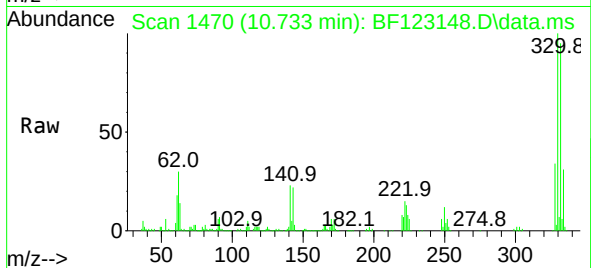
Tgt Ion:	164	Resp:	466661
Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.8	121.2
160	45.4	35.4	53.0



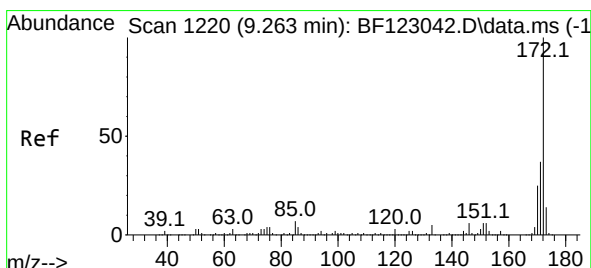
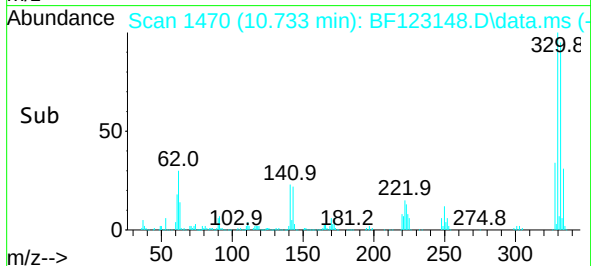
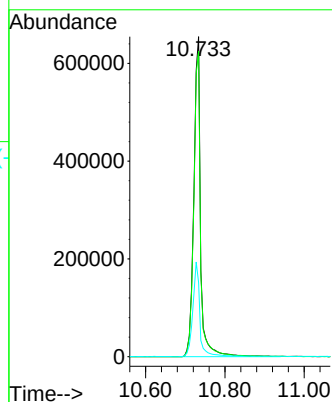


#42
 2,4,6-Tribromophenol
 Concen: 152.93 ng
 RT: 10.733 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: BF123148.D
 Acq: 8 Feb 2021 17:43

Instrument :
 BNA_F
 ClientSampled :
 R-A

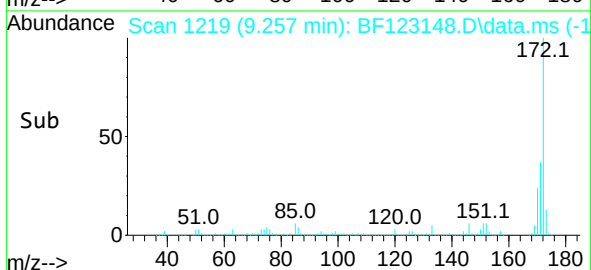
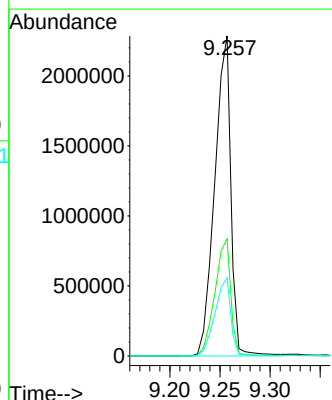
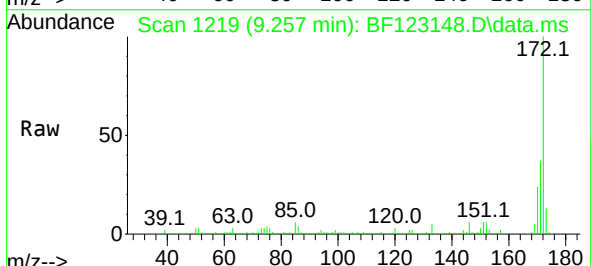


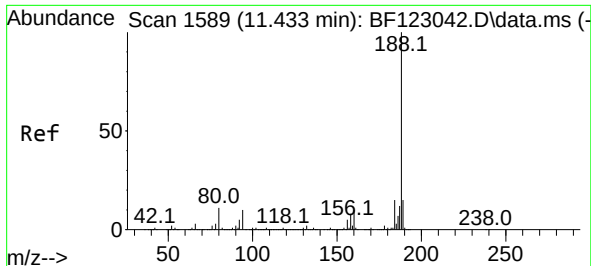
Tgt Ion:330 Resp: 774708
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.5 116.3
 141 30.9 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 81.33 ng
 RT: 9.257 min Scan# 1219
 Delta R.T. -0.006 min
 Lab File: BF123148.D
 Acq: 8 Feb 2021 17:43

Tgt Ion:172 Resp: 2553001
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.5 19.5 29.3

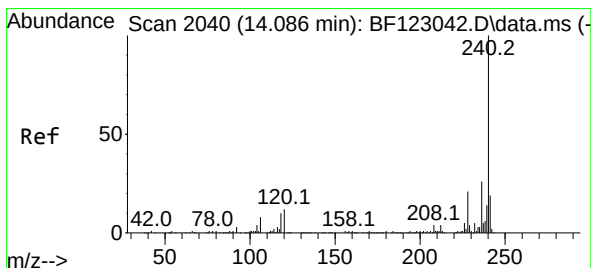
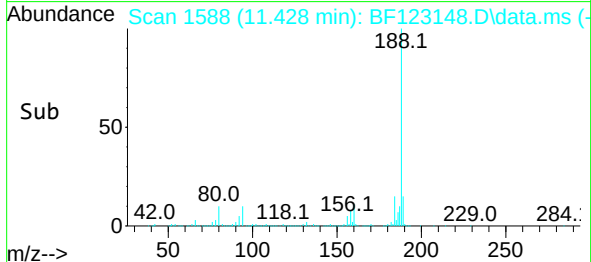
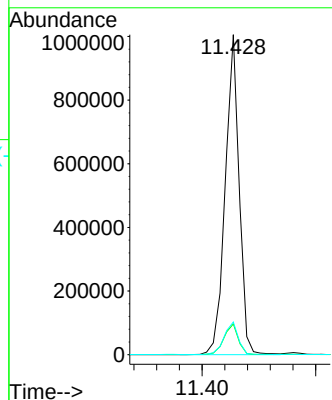
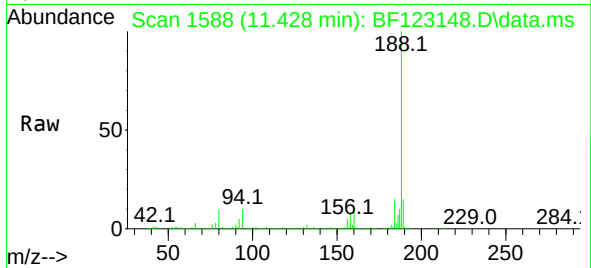




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

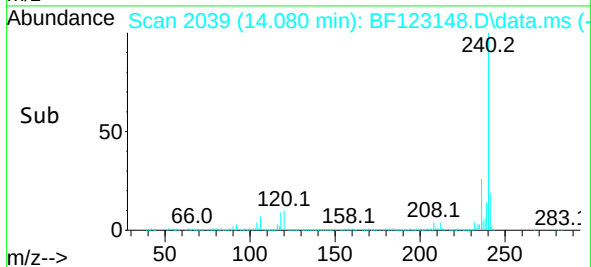
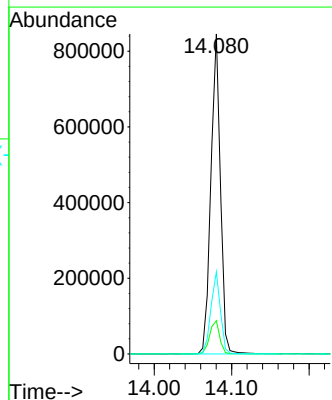
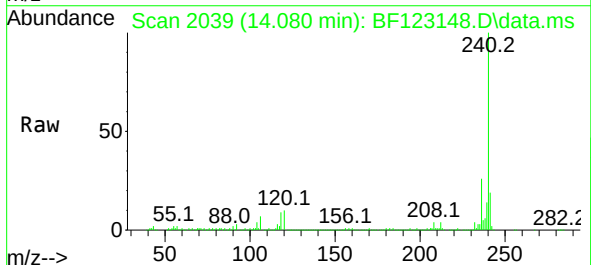
Instrument :
BNA_F
ClientSampled :
R-A

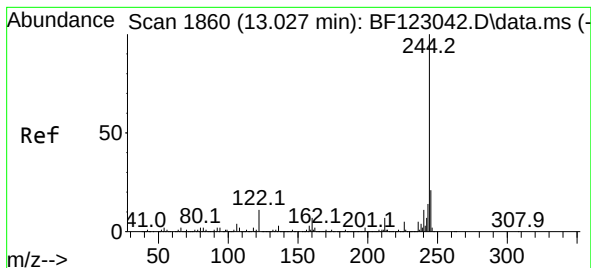
Tgt Ion:188 Resp: 858427
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123148.D
Acq: 8 Feb 2021 17:43

Tgt Ion:240 Resp: 724355
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.7 20.3 30.5





#79

Terphenyl-d14

Concen: 83.01 ng

RT: 13.033 min Scan# 1861

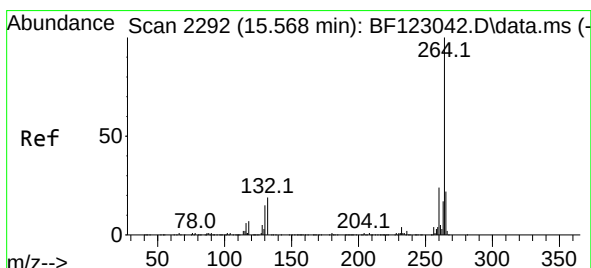
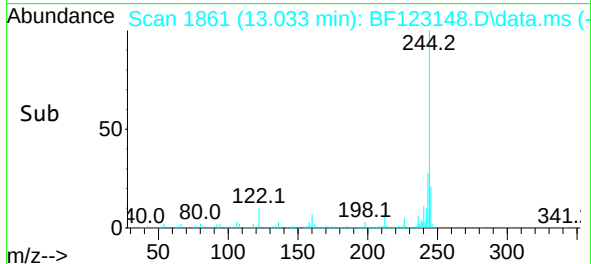
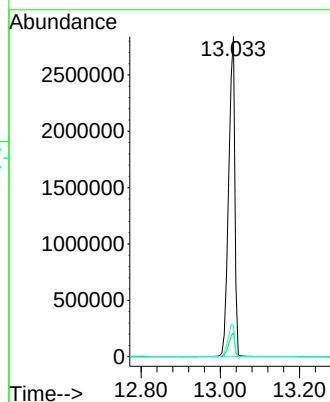
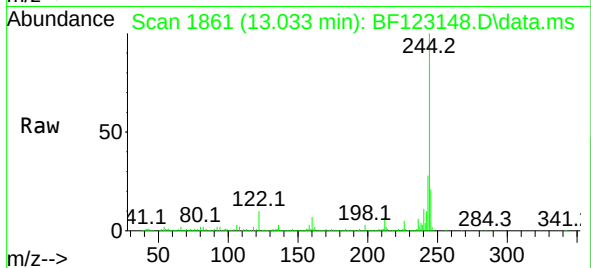
Delta R.T. 0.006 min

Lab File: BF123148.D

Acq: 8 Feb 2021 17:43

Tgt Ion:244 Resp: 3060565

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	9.8	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: BF123148.D

Acq: 8 Feb 2021 17:43

Tgt Ion:264 Resp: 558021

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	21.8	17.0	25.6

