

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 :
 R-C

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)

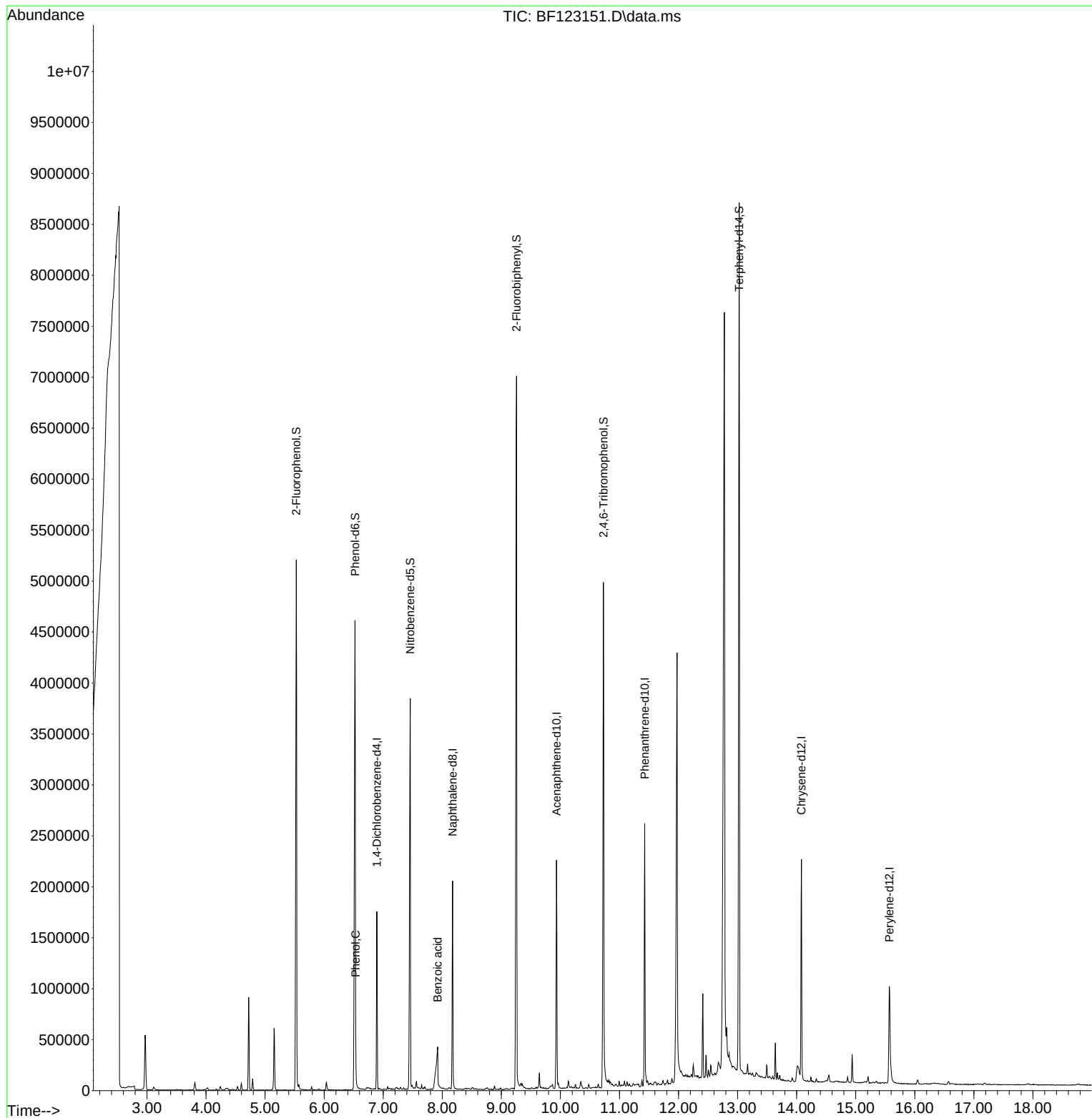
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	229032	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	885285	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	487329	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	899708	20.00	ng	0.00
76) Chrysene-d12	14.080	240	749060	20.00	ng	0.00
86) Perylene-d12	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	92
32) Benzoic acid	7.922	122	203486	21.68	ng	99

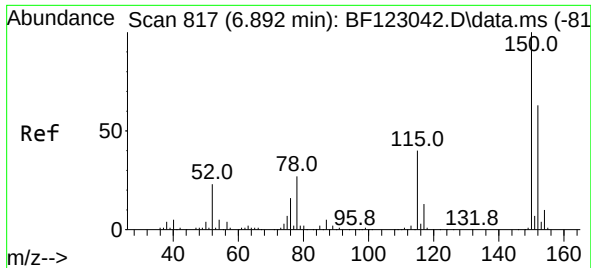
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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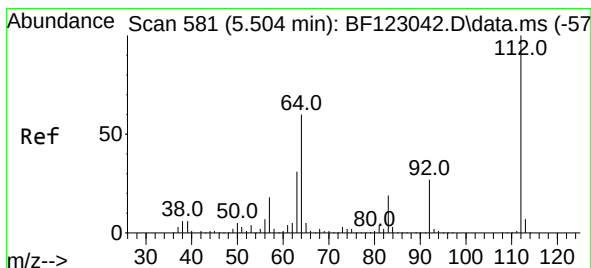
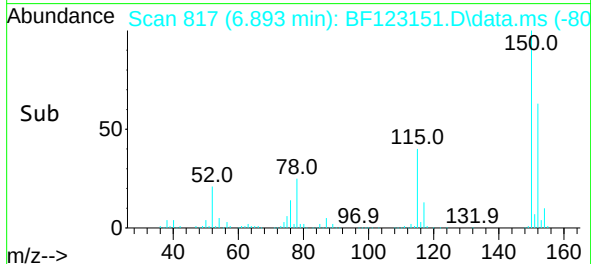
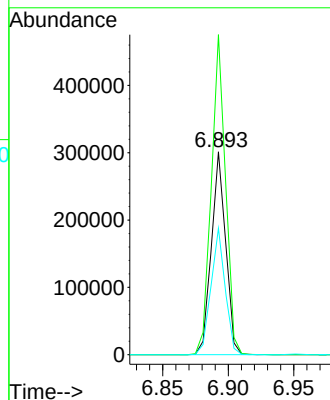
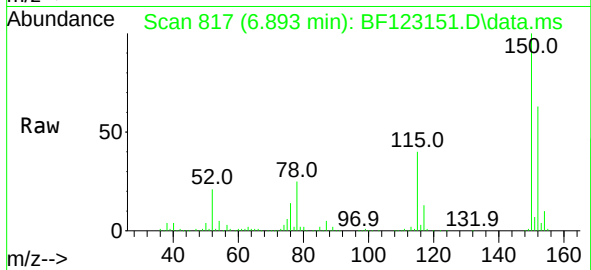




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

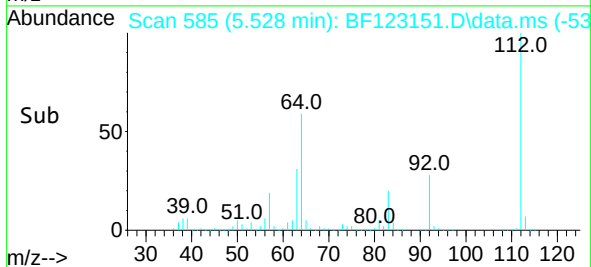
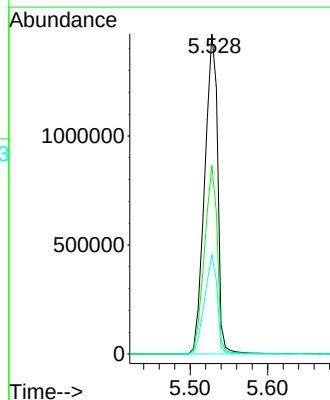
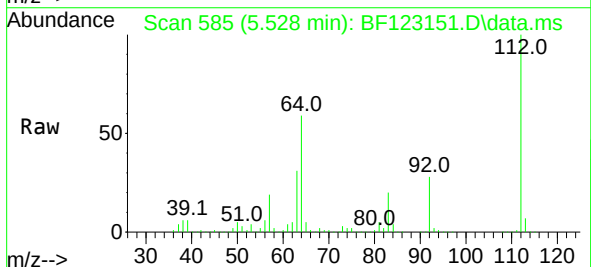
Instrument :
BNA_F
ClientSampled :
R-C

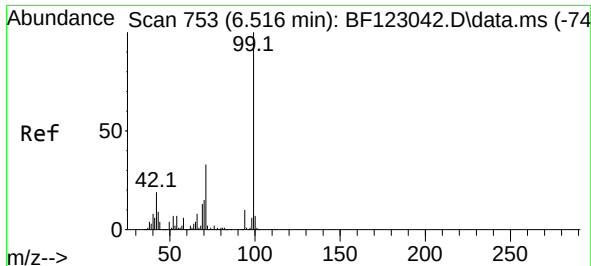
Tgt Ion:152 Resp: 229032
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 62.3 49.3 73.9



#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

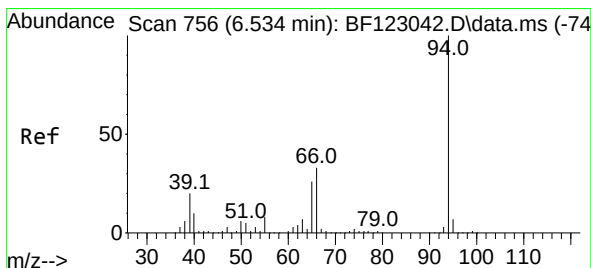
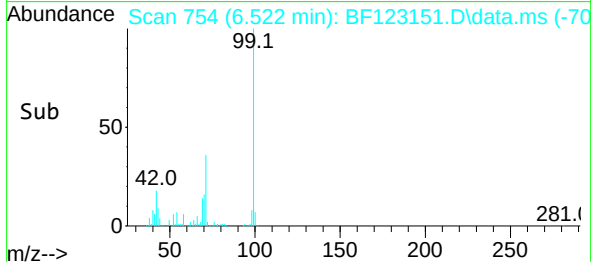
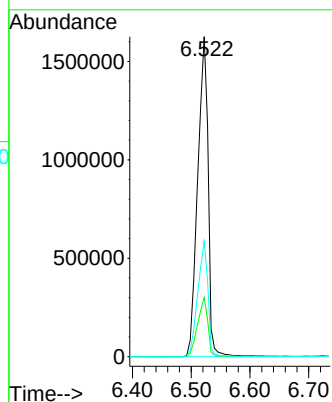
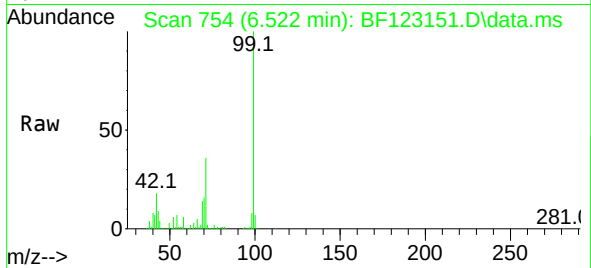




#7
Phenol-d6
Concen: 100.21 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

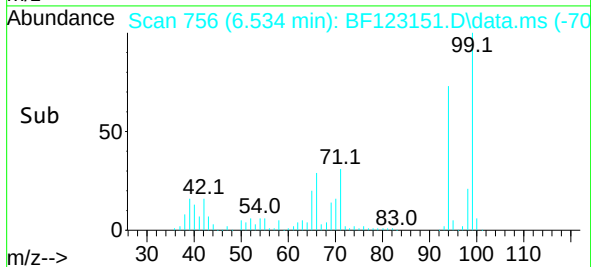
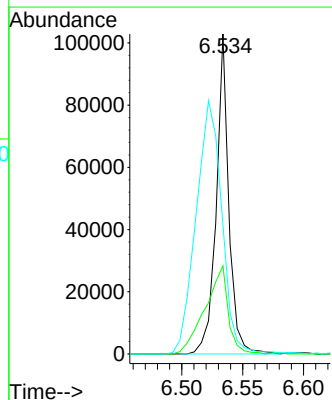
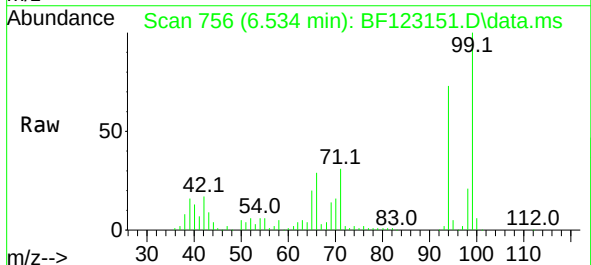
Instrument :
BNA_F
ClientSampled :
R-C

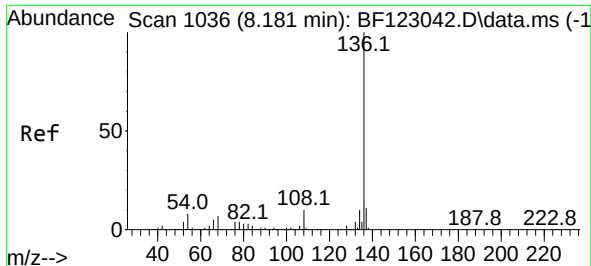
Tgt Ion: 99 Resp: 2016839
Ion Ratio Lower Upper
99 100
42 18.5 13.8 20.6
71 36.1 26.9 40.3



#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

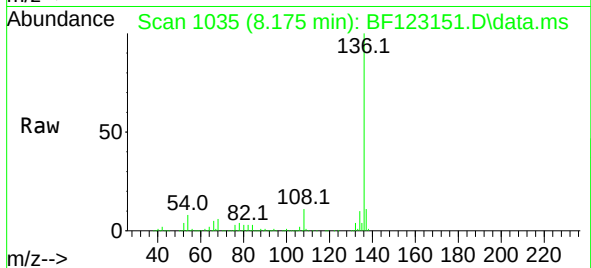
Tgt Ion: 94 Resp: 73901
Ion Ratio Lower Upper
94 100
65 27.5 11.2 51.2
66 40.5 25.8 65.8



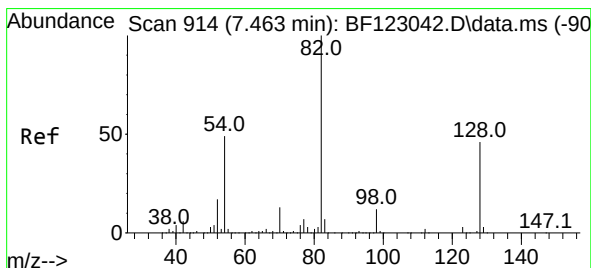
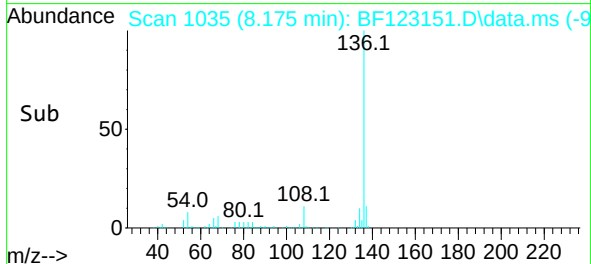
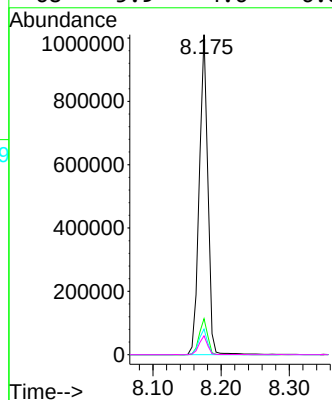


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

Instrument :
BNA_F
ClientSampleId :
R-C

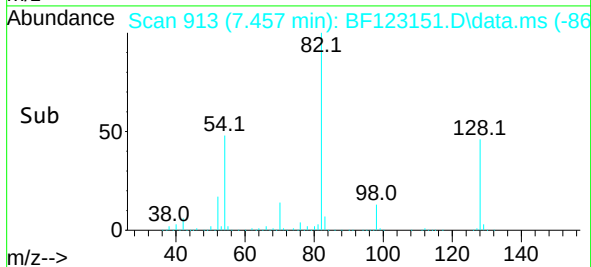
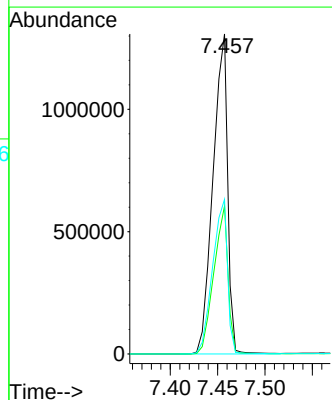
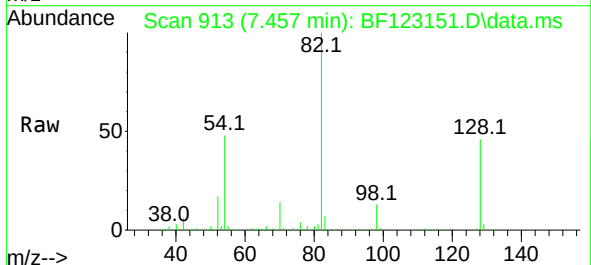


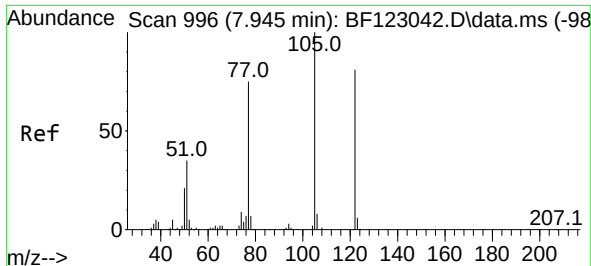
Tgt Ion:136	Resp: 885285
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 8.0	5.5 8.3
68 5.9	4.6 6.8



#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

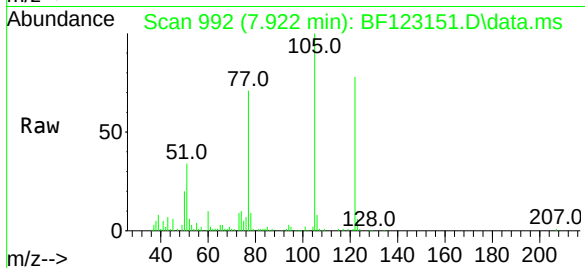
Tgt Ion: 82		Resp: 1400940	
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.4
54	48.3	38.4	57.6



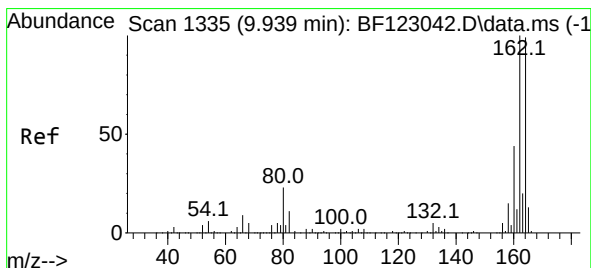
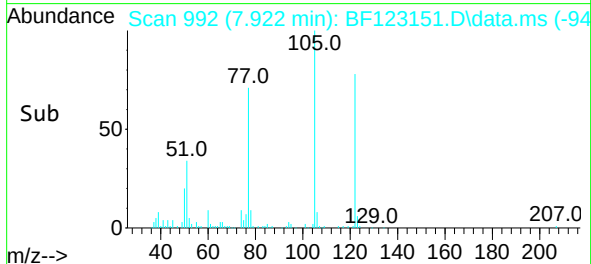
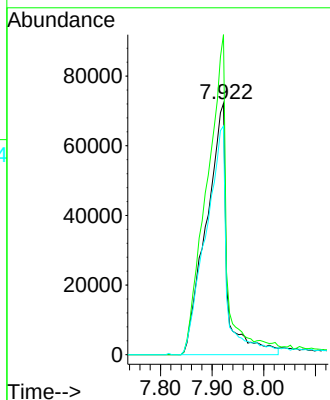


#32
Benzoic acid
Concen: 21.68 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.023 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

Instrument :
BNA_F
ClientSampleId :
R-C

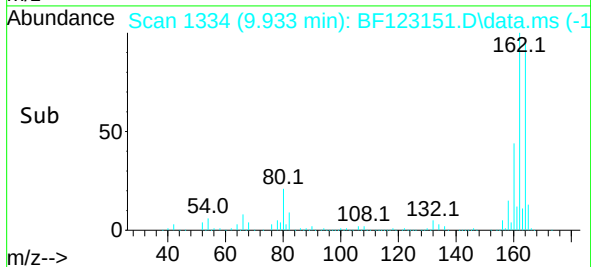
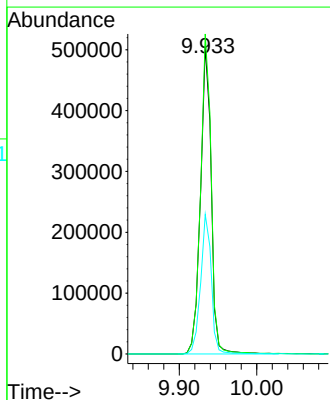
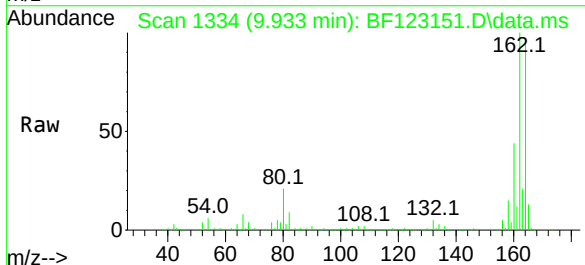


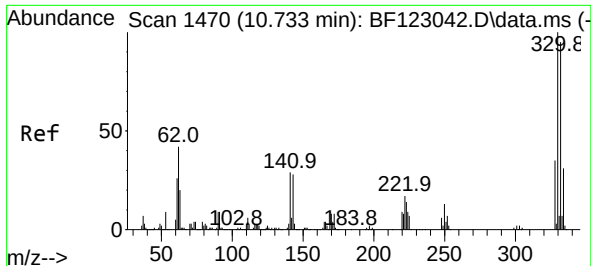
Tgt Ion:122 Resp: 203486
Ion Ratio Lower Upper
122 100
105 127.4 104.8 144.8
77 91.0 71.0 111.0



#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

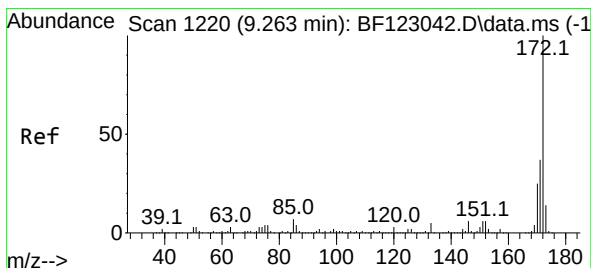
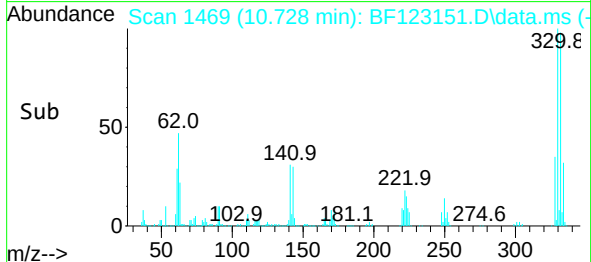
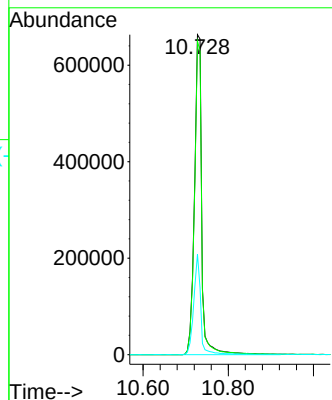
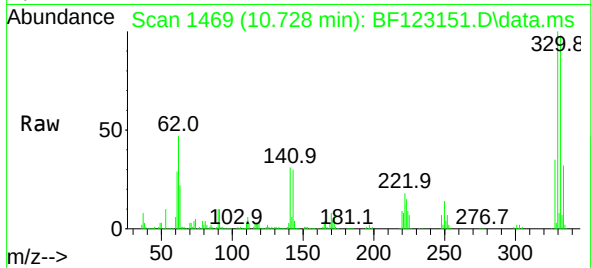




#42
 2,4,6-Tribromophenol
 Concen: 148.93 ng
 RT: 10.728 min Scan# 1469
 Delta R.T. -0.006 min
 Lab File: BF123151.D
 Acq: 8 Feb 2021 19:20

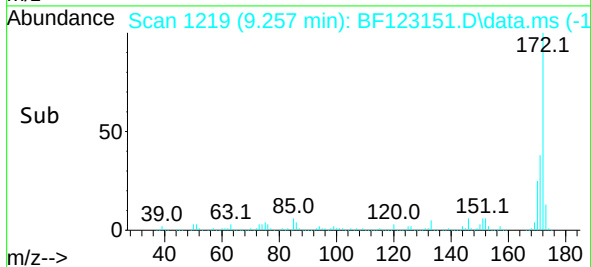
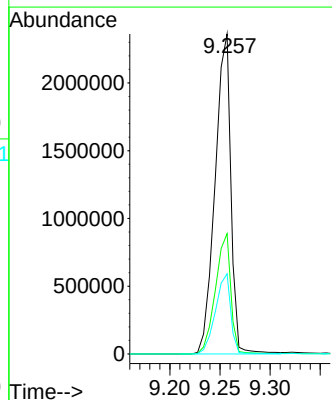
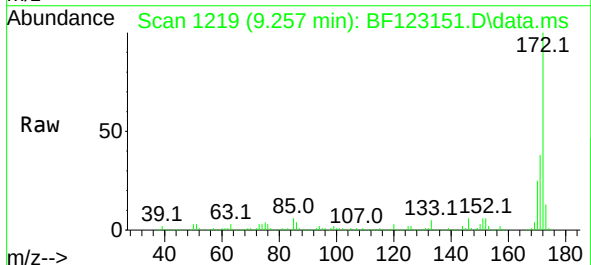
Instrument :
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 ClientSampleID :
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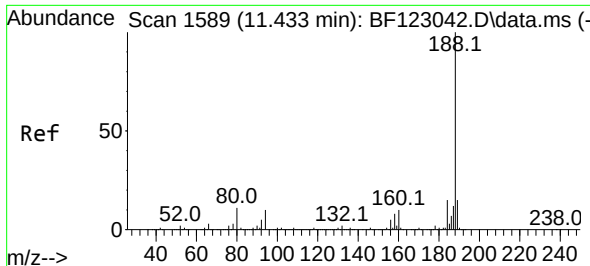
Tgt Ion: 330 Resp: 787878
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.5 116.3
 141 30.0 23.8 35.8



#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

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

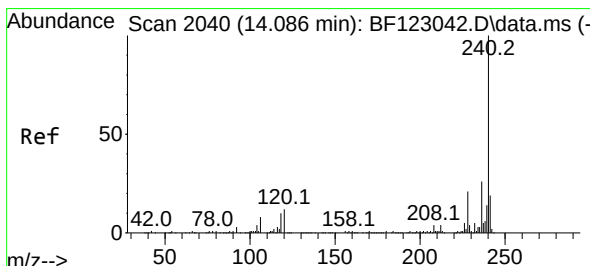
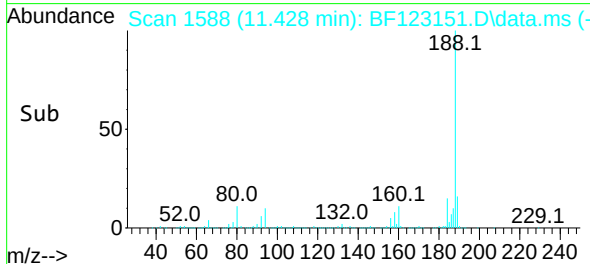
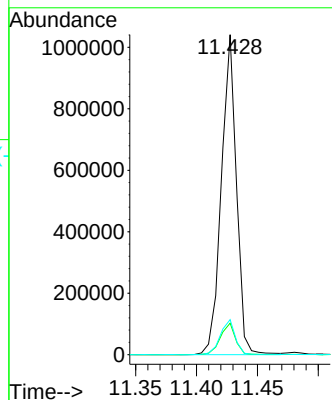
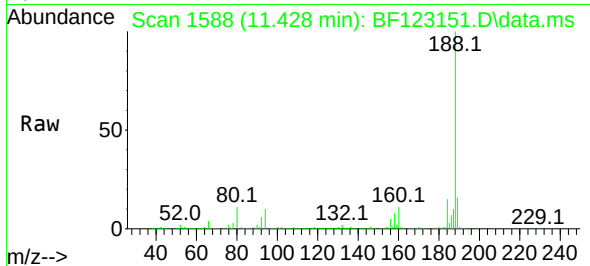




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123151.D
Acq: 8 Feb 2021 19:20

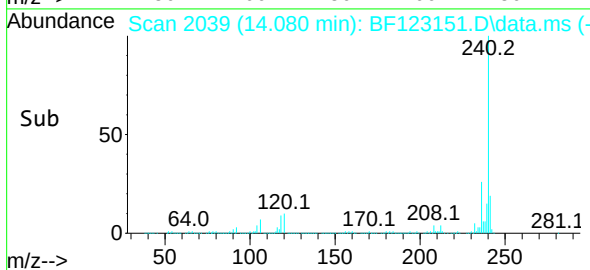
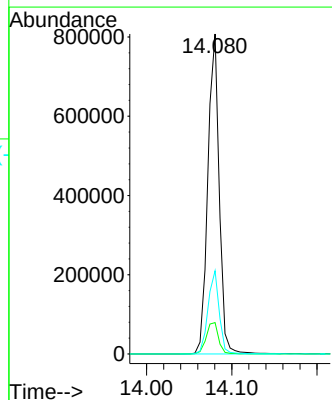
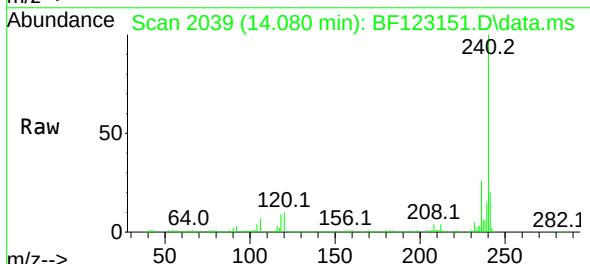
Instrument :
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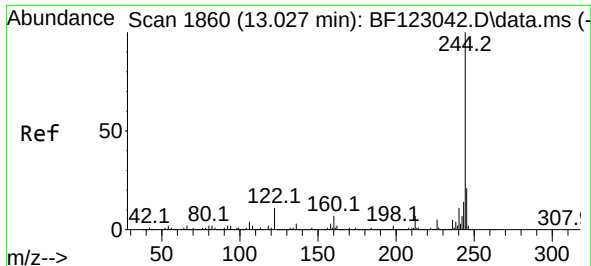
Tgt Ion:188 Resp: 899708
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.0 8.2 12.4



#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

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

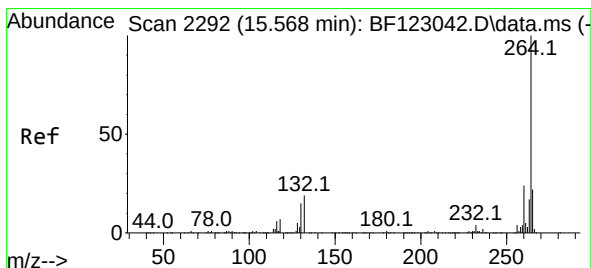
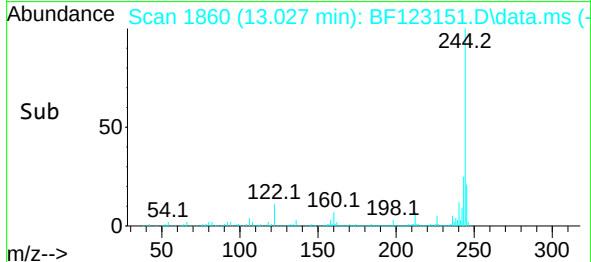
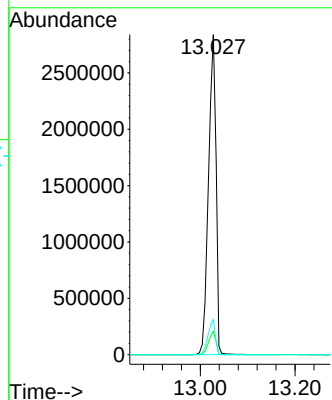
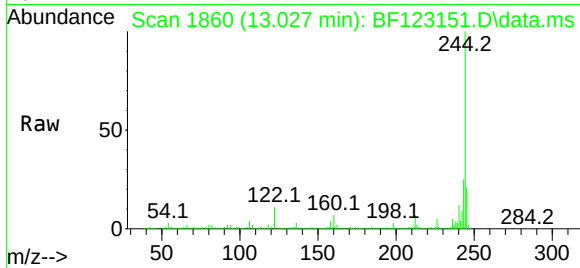




#79
 Terphenyl-d14
 Concen: 81.73 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF123151.D
 Acq: 8 Feb 2021 19:20

Instrument :
 BNA_F
 ClientSampled :
 R-C

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

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

