

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123443.D
 Acq On : 24 Mar 2021 17:18
 Operator : JU/CG
 Sample : M1770-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Quant Time: Mar 25 00:39:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

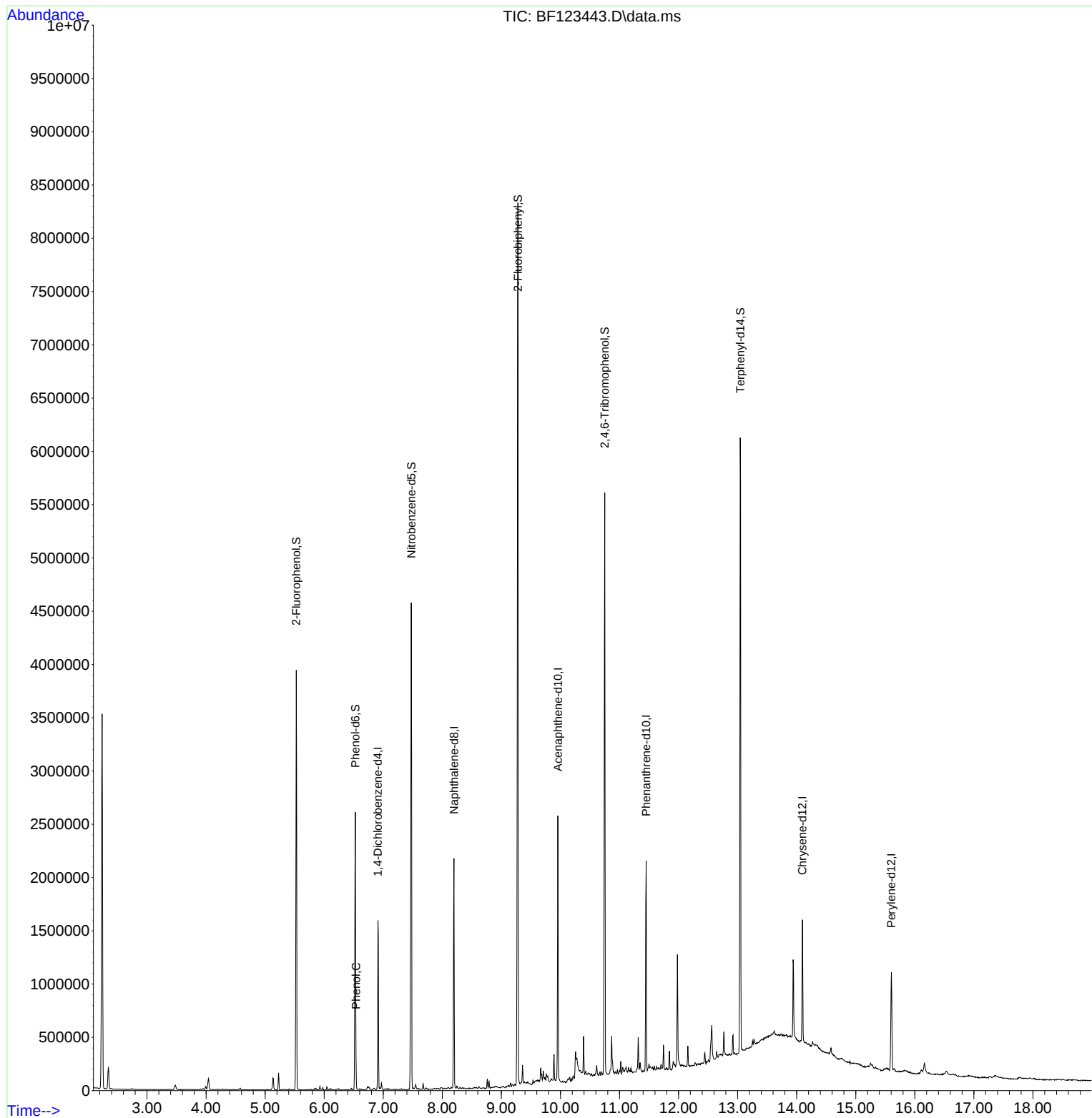
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	232412	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	856152	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	460951	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	690568	20.00	ng	0.00
76) Chrysene-d12	14.098	240	386723	20.00	ng	-0.01
86) Perylene-d12	15.604	264	443919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	939213	66.11	ng	0.00
7) Phenol-d6	6.528	99	728782	38.54	ng	-0.01
23) Nitrobenzene-d5	7.475	82	1528837	96.38	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	660288	128.13	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	2663986	82.56	ng	0.00
79) Terphenyl-d14	13.045	244	2078179	91.07	ng	0.00
Target Compounds						
10) Phenol	6.540	94	58569	3.02	ng	Qvalue 94

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

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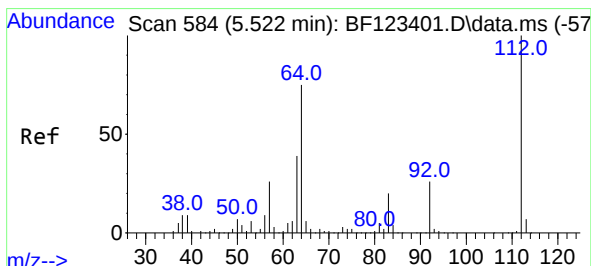
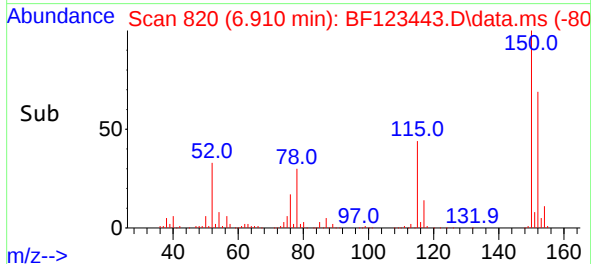
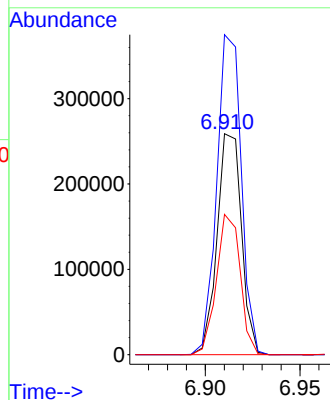
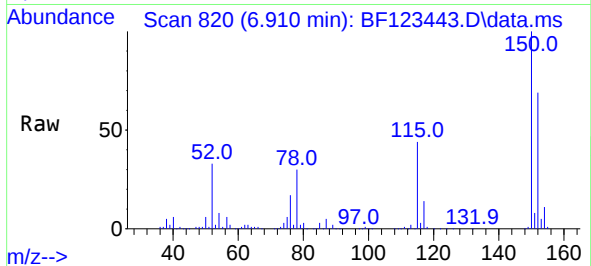




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

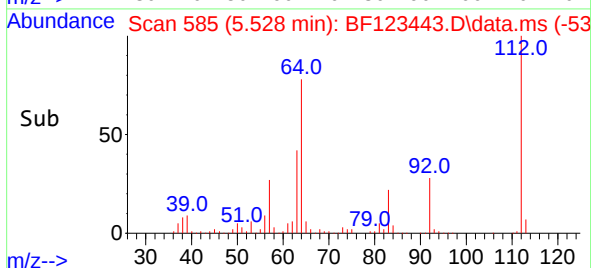
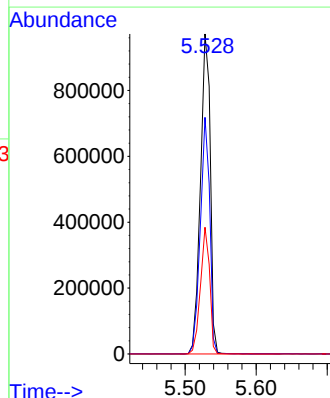
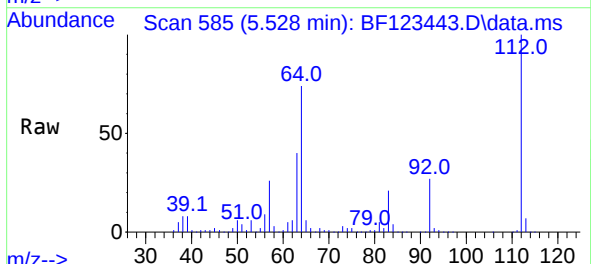
Instrument :
BNA_F
ClientSampleId :
MW-105S

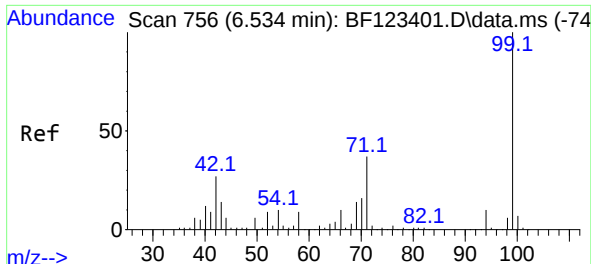
Tgt Ion:152 Resp: 232412
Ion Ratio Lower Upper
152 100
150 144.8 125.8 188.6
115 63.5 49.3 73.9



#5
2-Fluorophenol
Concen: 66.11 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion:112 Resp: 939213
Ion Ratio Lower Upper
112 100
64 74.0 46.9 70.3#
63 39.6 24.5 36.7#

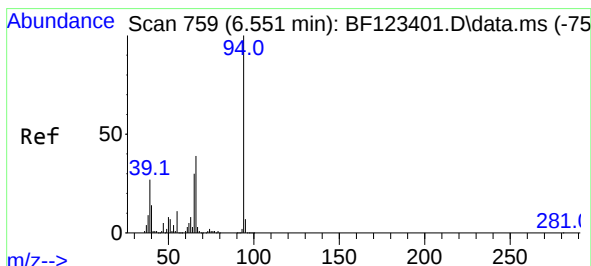
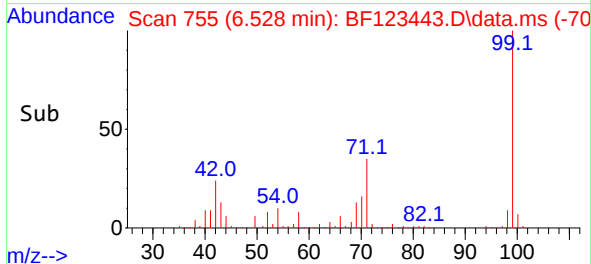
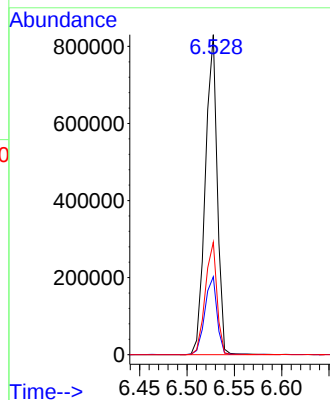
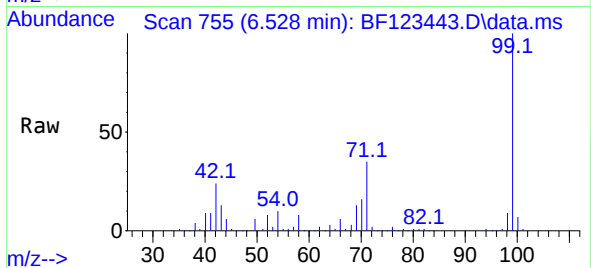




#7
Phenol-d6
Concen: 38.54 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

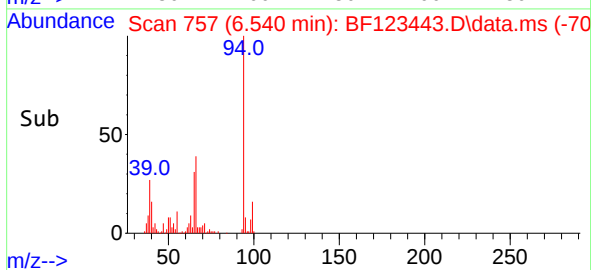
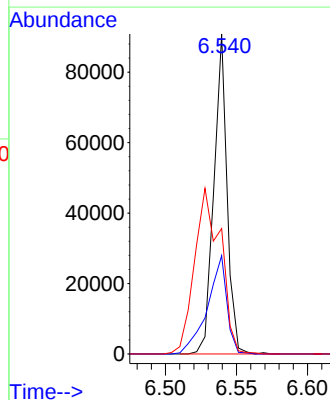
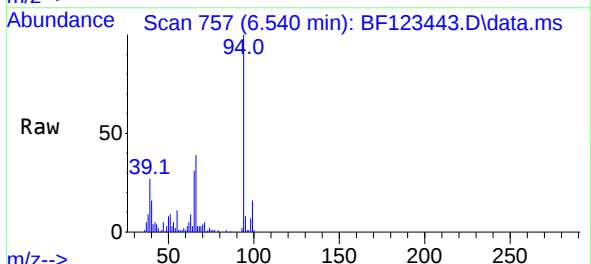
Instrument :
BNA_F
ClientSampleId :
MW-105S

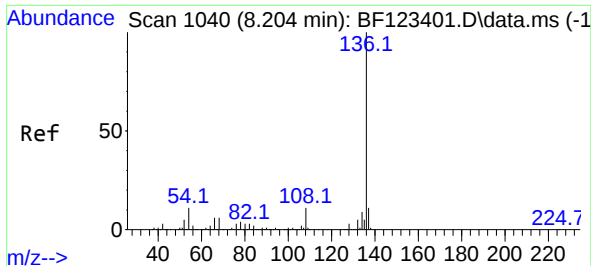
Tgt Ion: 99 Resp: 728782
Ion Ratio Lower Upper
99 100
42 24.3 13.8 20.6#
71 35.1 26.9 40.3



#10
Phenol
Concen: 3.02 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion: 94 Resp: 58569
Ion Ratio Lower Upper
94 100
65 30.7 11.2 51.2
66 39.2 25.8 65.8



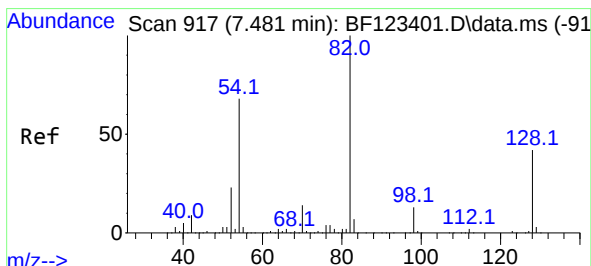
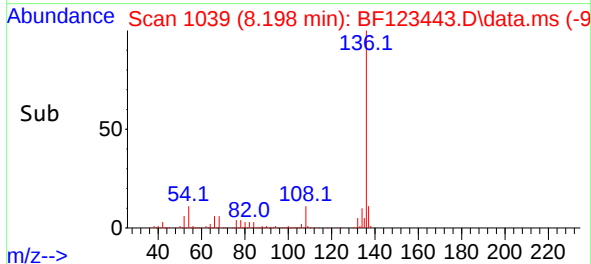
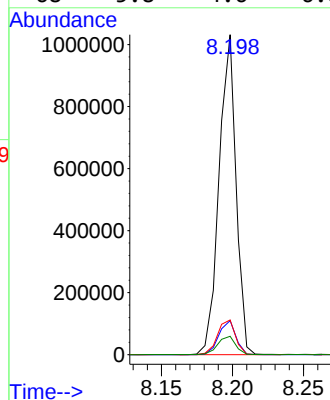
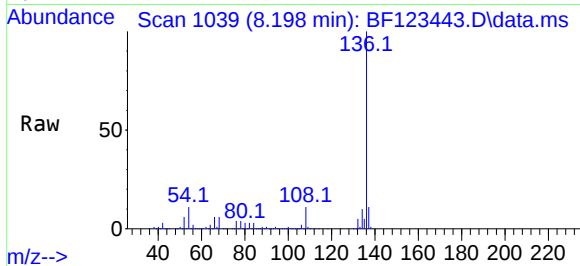


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion:136 Resp: 856152

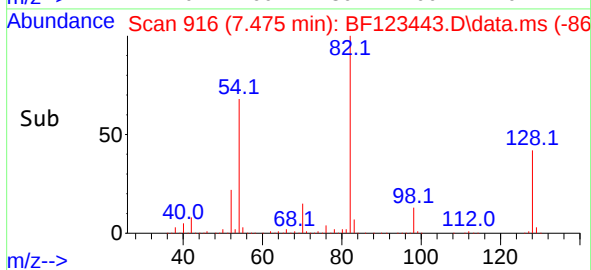
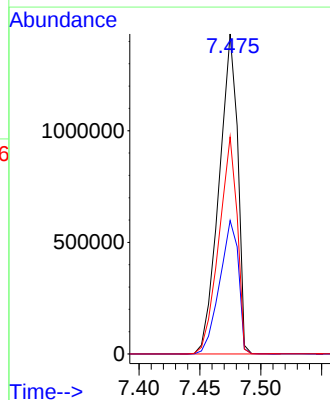
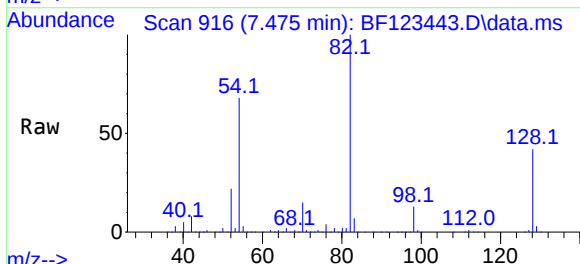
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.9	5.5	8.3#
68	5.8	4.6	6.8

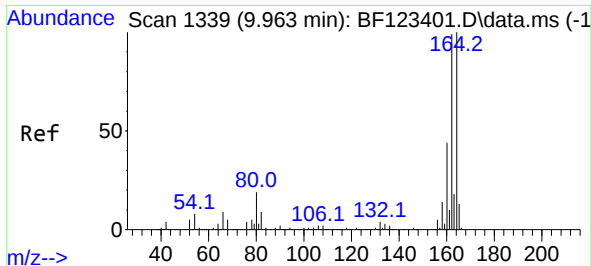


#23
Nitrobenzene-d5
Concen: 96.38 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion: 82 Resp: 1528837

Ion	Ratio	Lower	Upper
82	100		
128	41.7	37.0	55.4
54	67.8	38.4	57.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF123443.D

Acq: 24 Mar 2021 17:18

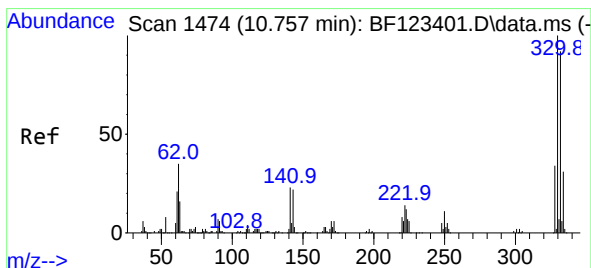
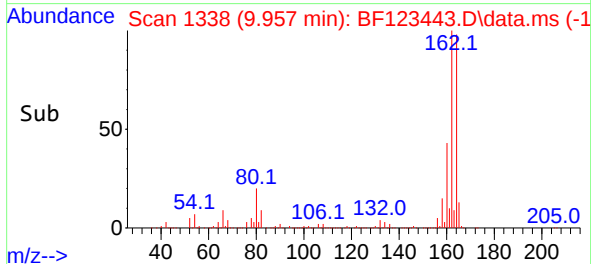
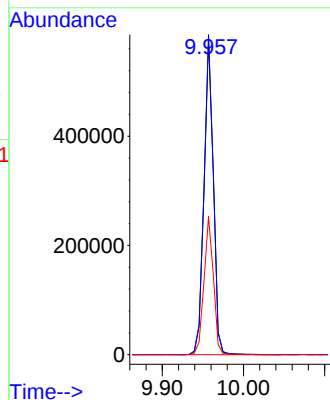
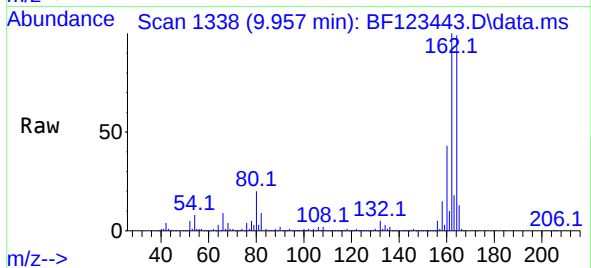
Tgt Ion:164 Resp: 460951

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

160 43.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 128.13 ng

RT: 10.751 min Scan# 1473

Delta R.T. -0.006 min

Lab File: BF123443.D

Acq: 24 Mar 2021 17:18

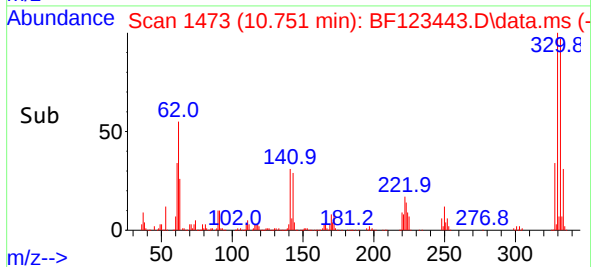
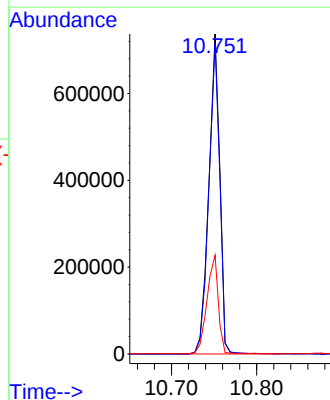
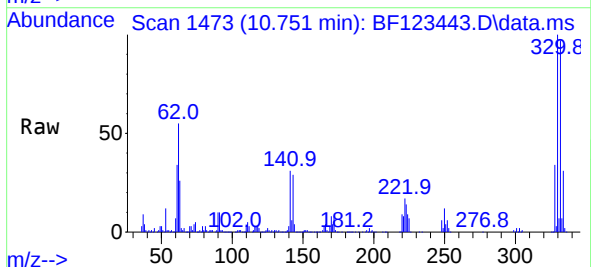
Tgt Ion:330 Resp: 660288

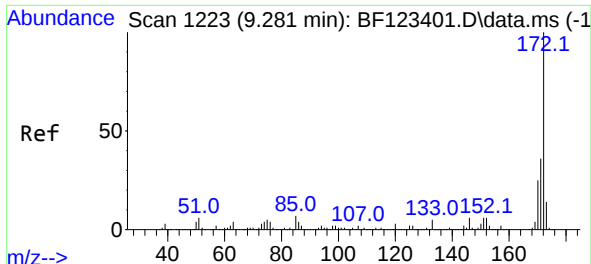
Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

141 31.5 23.8 35.8



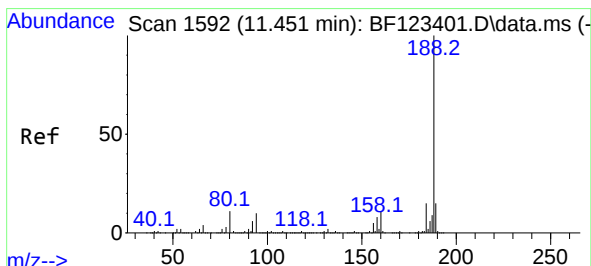
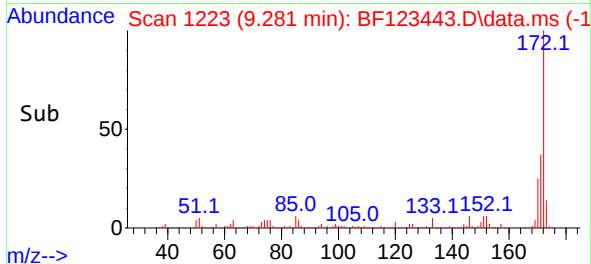
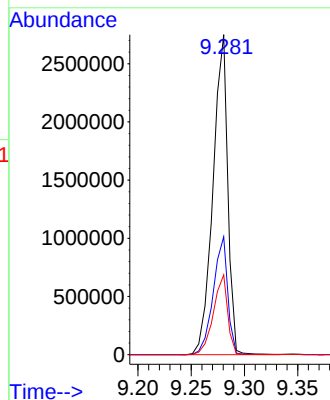
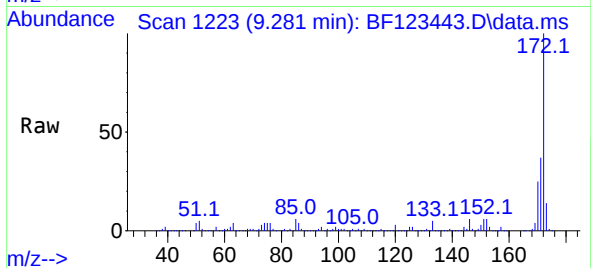


#45
2-Fluorobiphenyl
Concen: 82.56 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion:172 Resp: 2663986

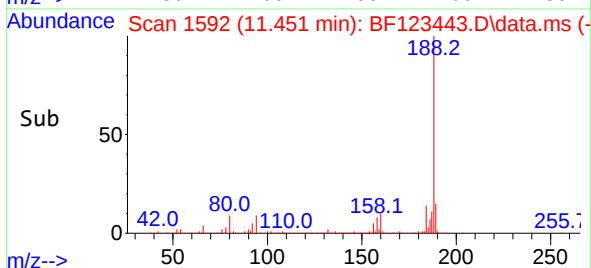
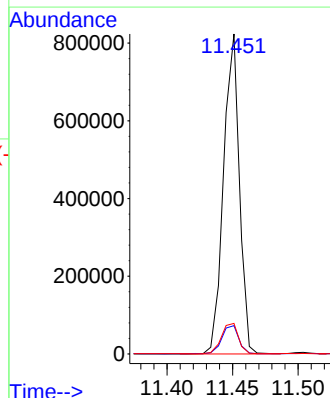
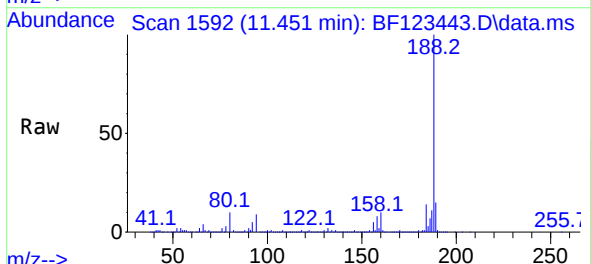
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.9	19.5	29.3

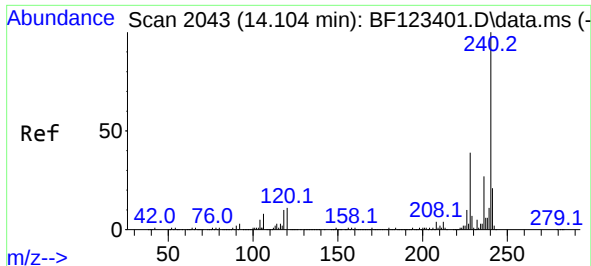


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion:188 Resp: 690568

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.5	8.2	12.4

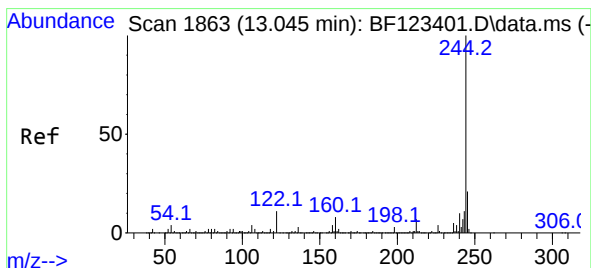
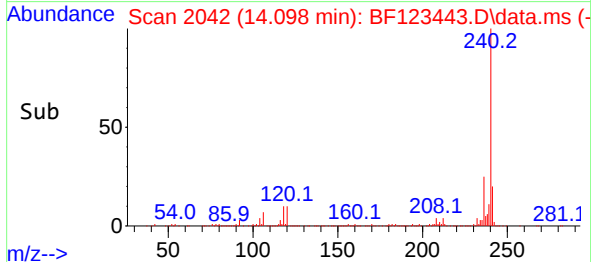
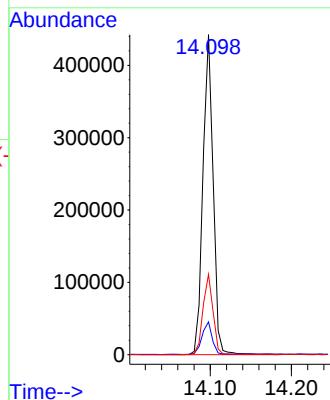
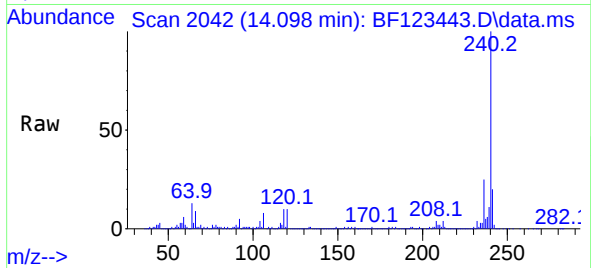




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

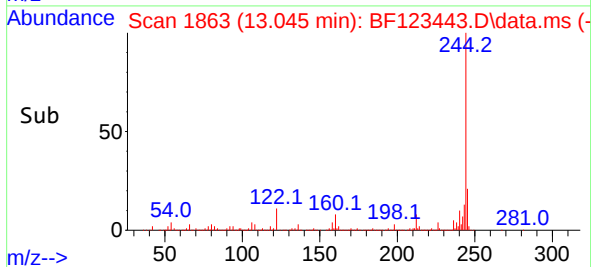
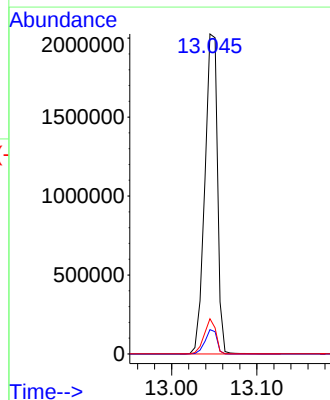
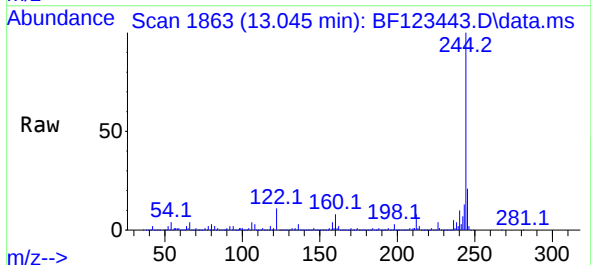
Instrument :
BNA_F
ClientSampleId :
MW-105S

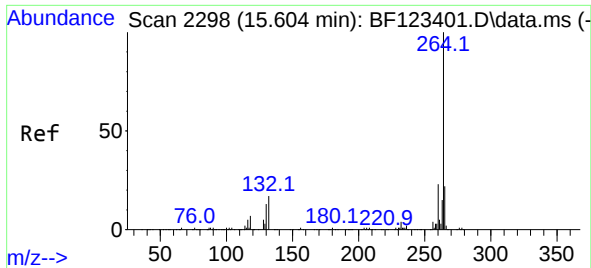
Tgt Ion:240 Resp: 386723
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.1 20.3 30.5



#79
Terphenyl-d14
Concen: 91.07 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF123443.D
Acq: 24 Mar 2021 17:18

Tgt Ion:244 Resp: 2078179
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 11.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF123443.D
 Acq: 24 Mar 2021 17:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Tgt Ion:264 Resp: 443919

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.9	17.0	25.6

