

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
 Data File : BF123314.D
 Acq On : 26 Feb 2021 21:26
 Operator : JU/CG
 Sample : M1503-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-AVE

Quant Time: Feb 26 23:29:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

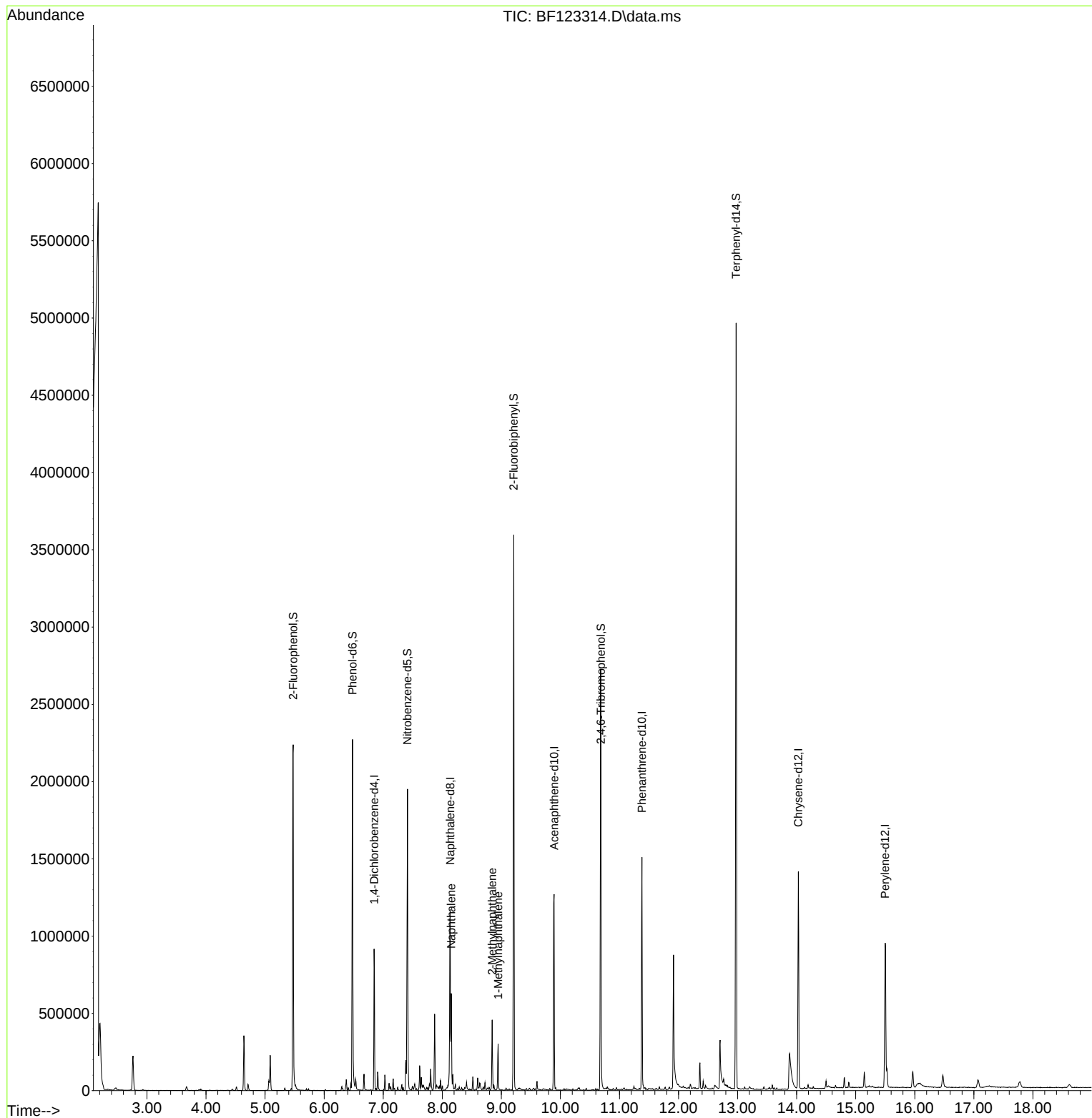
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	118494	20.00	ng	-0.01
21) Naphthalene-d8	8.134	136	474878	20.00	ng	-0.01
39) Acenaphthene-d10	9.892	164	247793	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	486901	20.00	ng	-0.01
76) Chrysene-d12	14.027	240	444517	20.00	ng	-0.02
86) Perylene-d12	15.498	264	411858	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	627932	76.28	ng	0.00
7) Phenol-d6	6.481	99	730102	65.28	ng	-0.01
23) Nitrobenzene-d5	7.410	82	570023	54.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	281238	111.46	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	957882	55.53	ng	-0.01
79) Terphenyl-d14	12.975	244	1520474	65.77	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	8.151	128	204941	7.87	ng	99
37) 2-Methylnaphthalene	8.845	142	101957	5.88	ng	98
38) 1-Methylnaphthalene	8.945	142	58479	3.61	ng	100

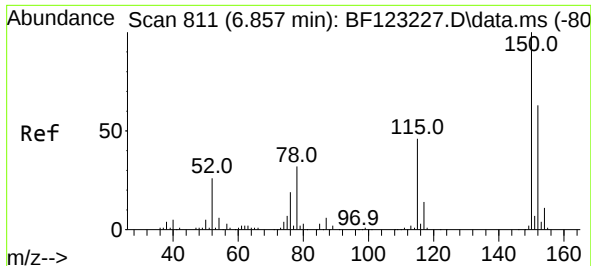
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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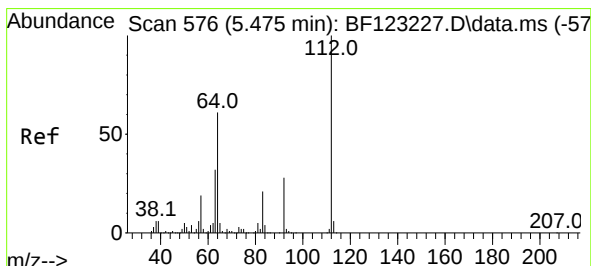
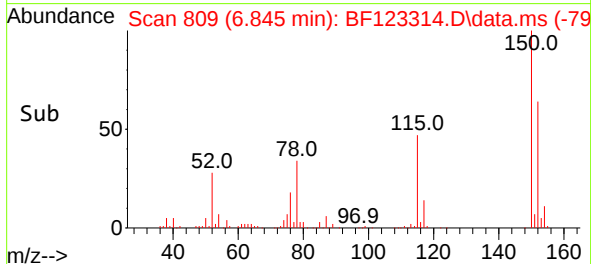
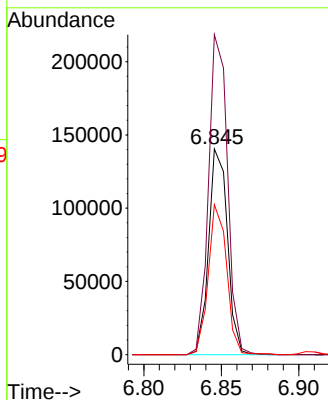
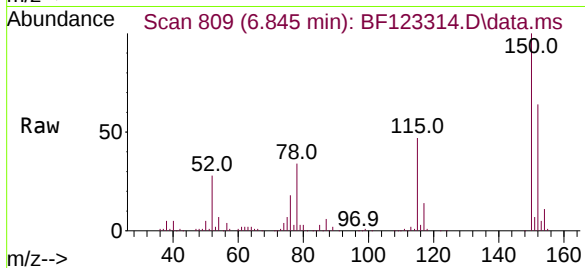




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.845 min Scan# 809
 Delta R.T. -0.012 min
 Lab File: BF123314.D
 Acq: 26 Feb 2021 21:26

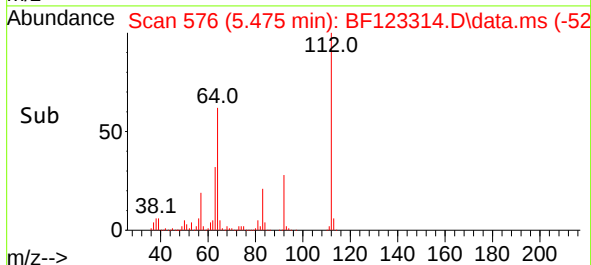
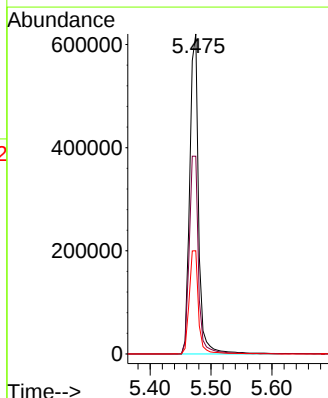
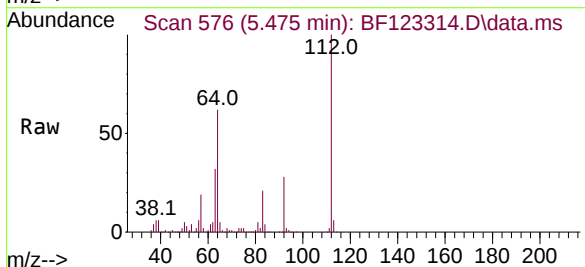
Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-AVE

Tgt Ion:152 Resp: 118494
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.8 188.6
 115 73.0 49.3 73.9



#5
 2-Fluorophenol
 Concen: 76.28 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: BF123314.D
 Acq: 26 Feb 2021 21:26

Tgt Ion:112 Resp: 627932
 Ion Ratio Lower Upper
 112 100
 64 61.8 46.9 70.3
 63 32.3 24.5 36.7

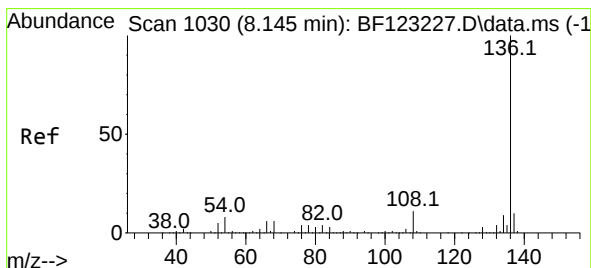
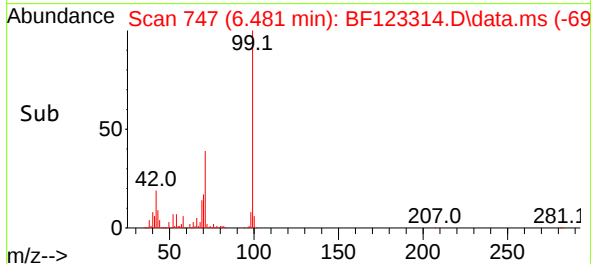
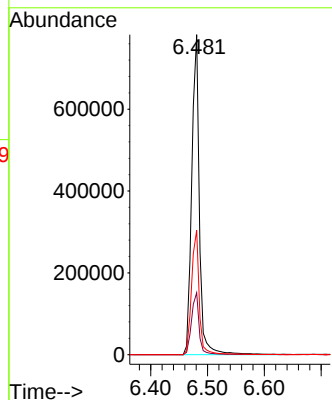
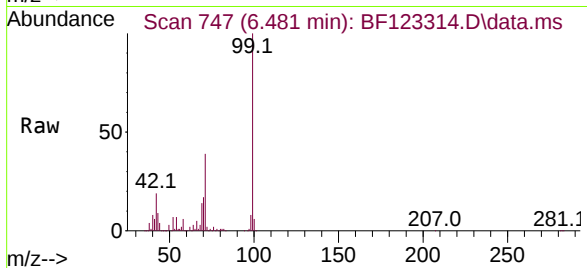




#7
Phenol-d6
Concen: 65.28 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

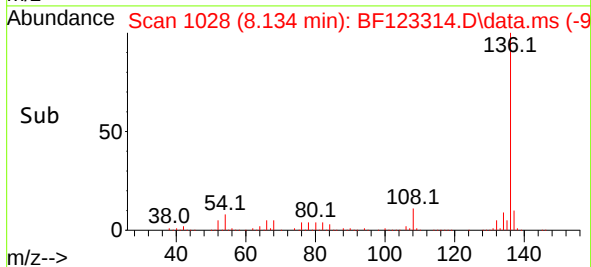
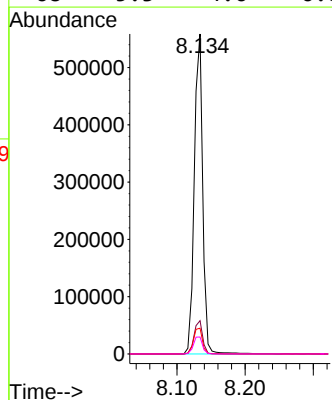
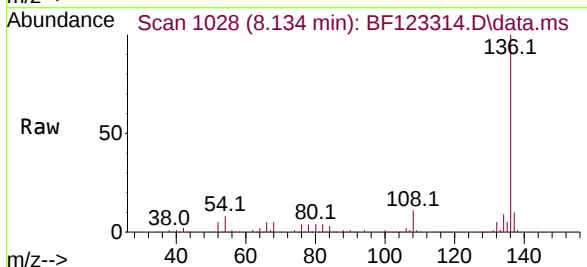
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

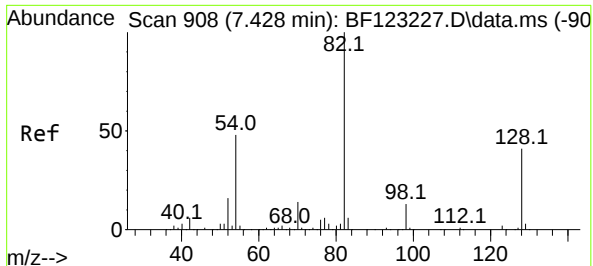
Tgt Ion: 99 Resp: 730102
Ion Ratio Lower Upper
99 100
42 19.3 13.8 20.6
71 38.9 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion: 136 Resp: 474878
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.0 5.5 8.3
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 54.95 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.017 min

Lab File: BF123314.D

Acq: 26 Feb 2021 21:26

Tgt Ion: 82 Resp: 570023

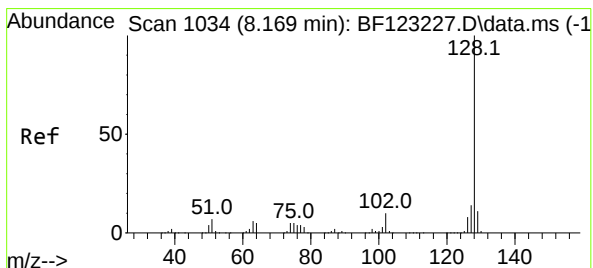
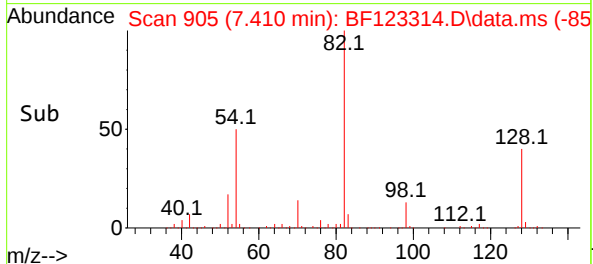
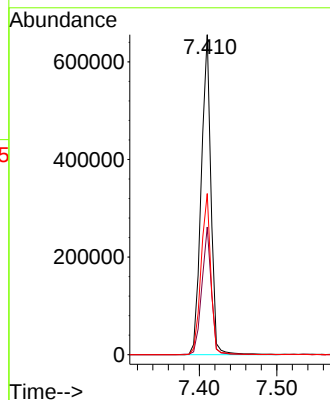
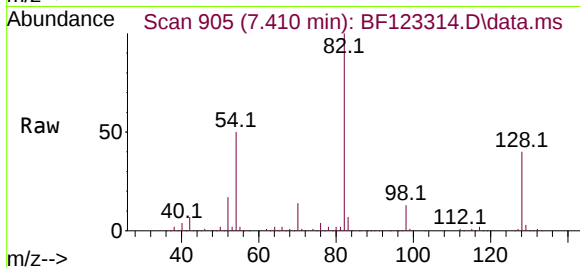
Ion	Ratio	Lower	Upper
82	100		
128	39.9	37.0	55.4
54	50.3	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

SEDGWICK-AVE



#31

Naphthalene

Concen: 7.87 ng

RT: 8.151 min Scan# 1031

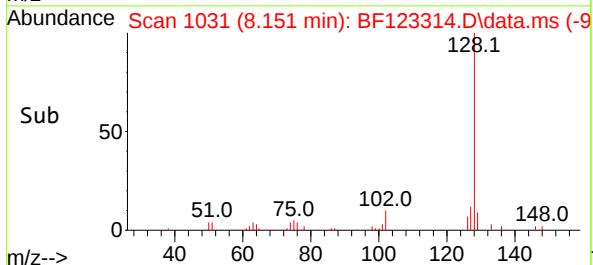
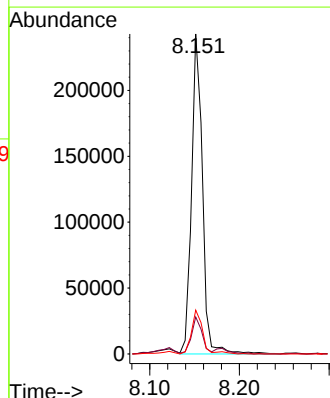
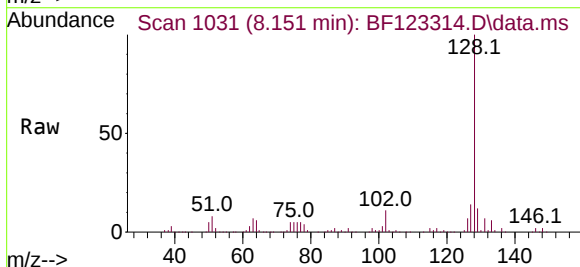
Delta R.T. -0.017 min

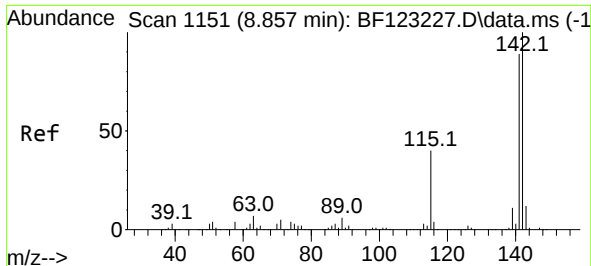
Lab File: BF123314.D

Acq: 26 Feb 2021 21:26

Tgt Ion: 128 Resp: 204941

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.7	10.7	16.1

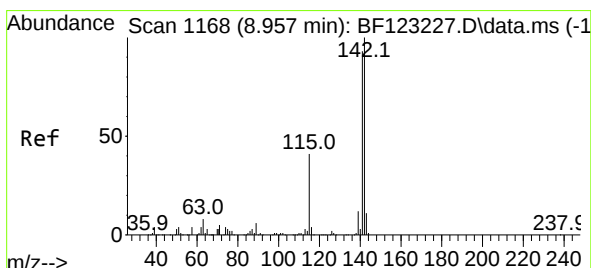
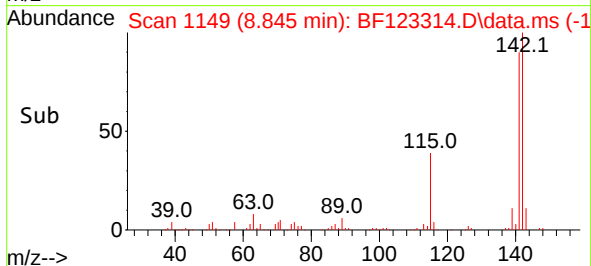
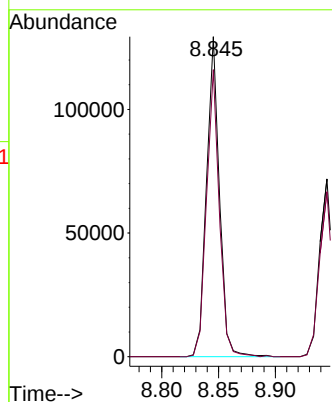
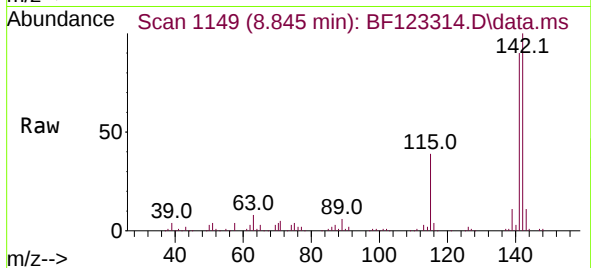




#37
2-Methylnaphthalene
Concen: 5.88 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

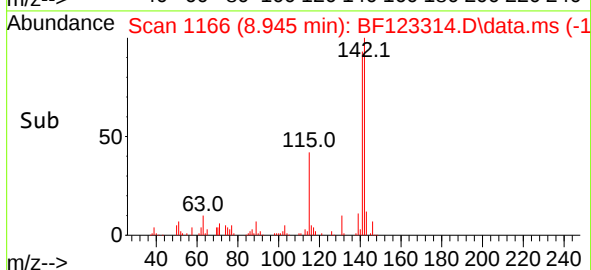
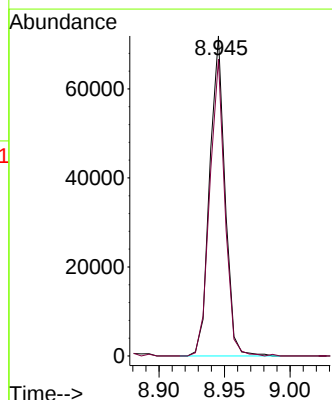
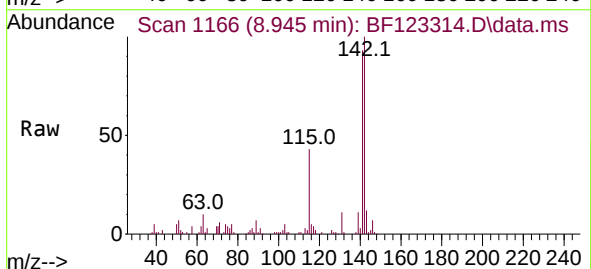
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ClientSampleId :
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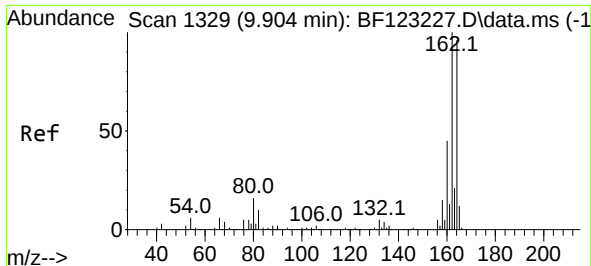
Tgt Ion:142 Resp: 101957
Ion Ratio Lower Upper
142 100
141 89.7 70.6 106.0



#38
1-Methylnaphthalene
Concen: 3.61 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:142 Resp: 58479
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7

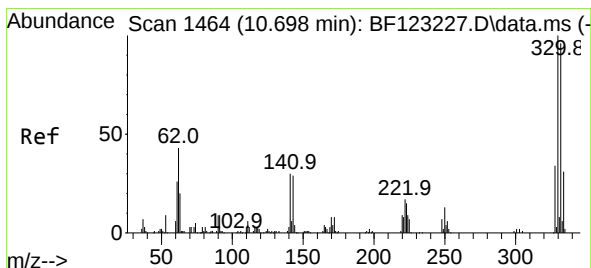
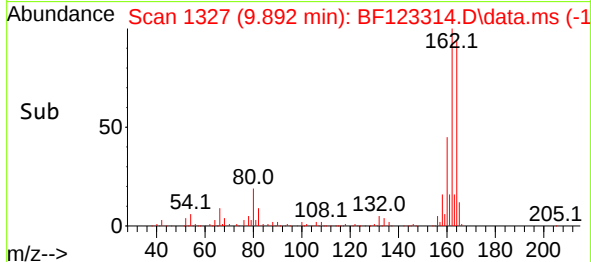
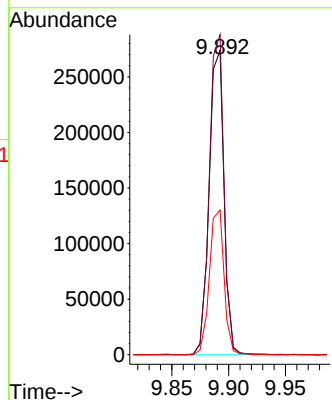
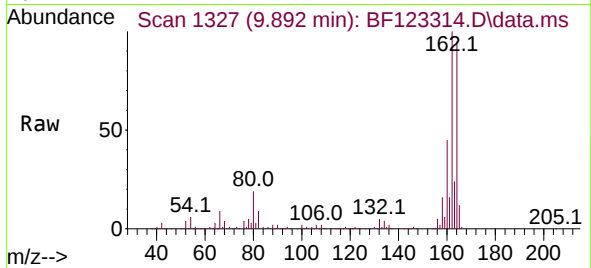




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

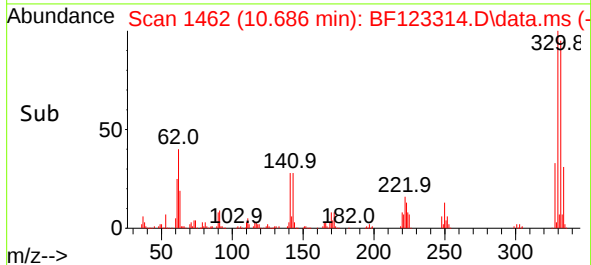
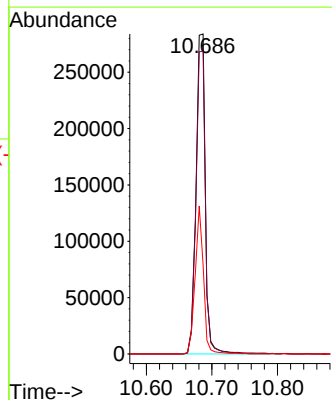
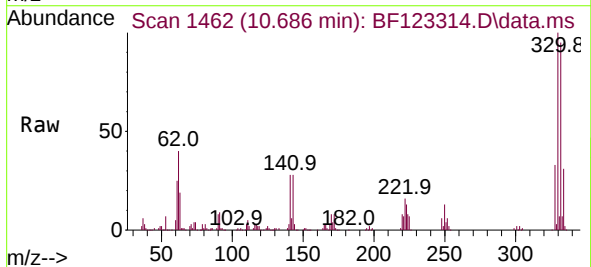
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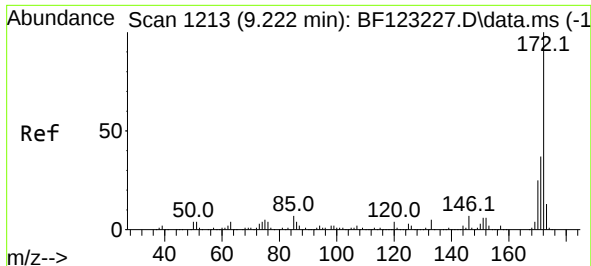
Tgt Ion:164 Resp: 247793
Ion Ratio Lower Upper
164 100
162 105.1 80.8 121.2
160 47.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 111.46 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:330 Resp: 281238
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 41.1 23.8 35.8#

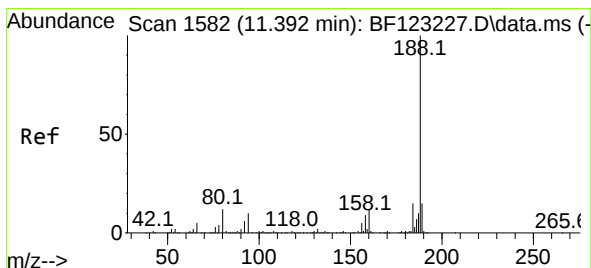
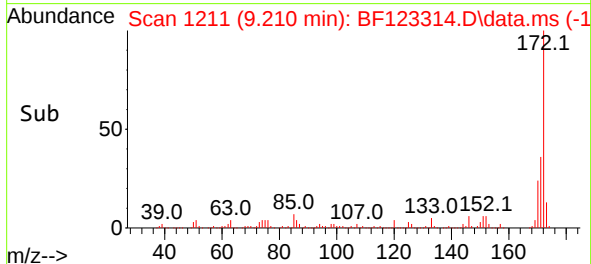
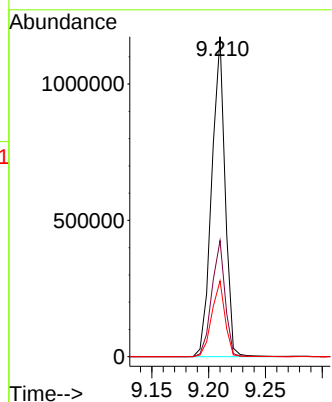
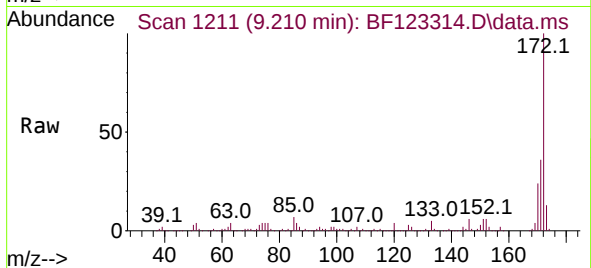




#45
2-Fluorobiphenyl
Concen: 55.53 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

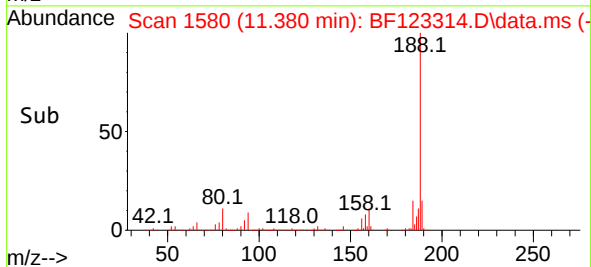
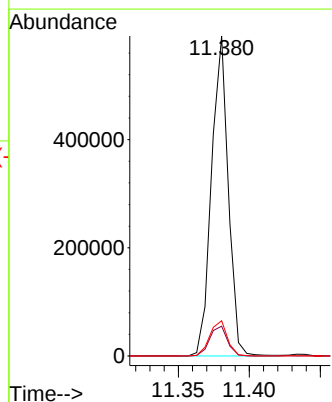
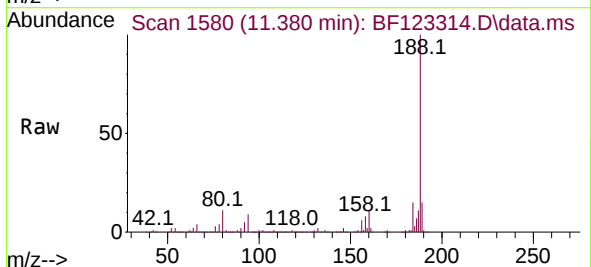
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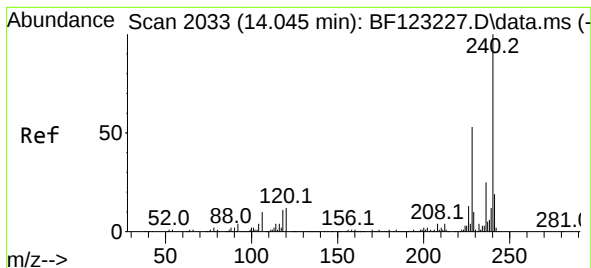
Tgt Ion:172 Resp: 957882
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.7 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:188 Resp: 486901
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 11.0 8.2 12.4

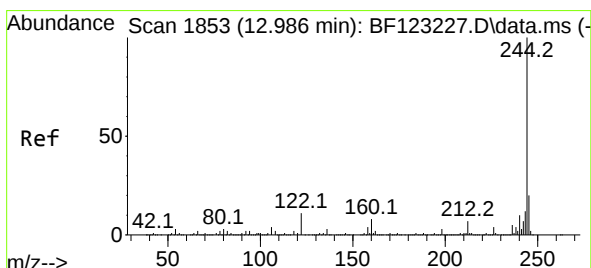
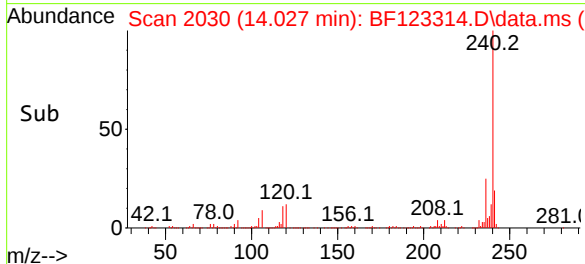
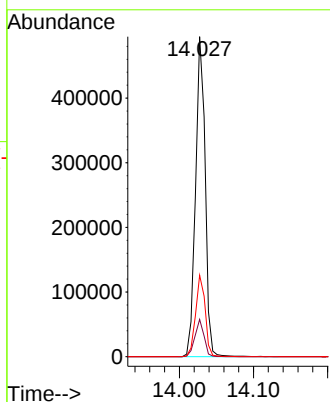
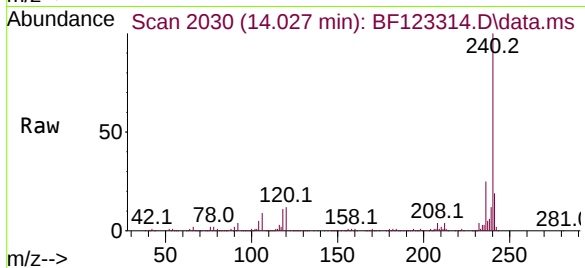




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.017 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

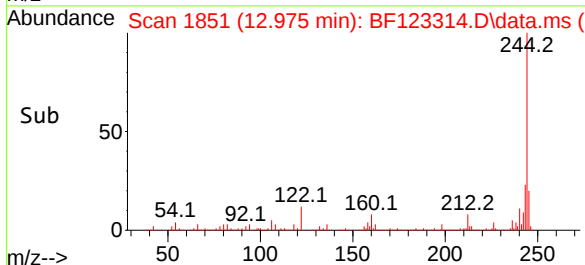
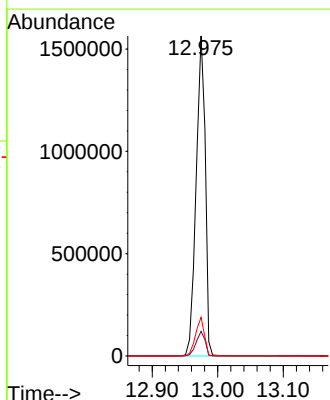
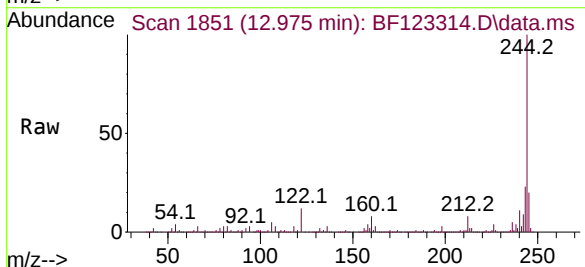
Instrument :
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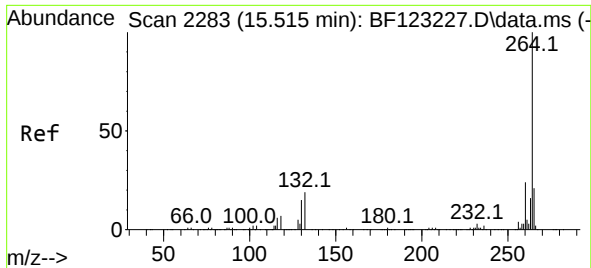
Tgt Ion:240 Resp: 444517
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.4 20.3 30.5



#79
Terphenyl-d14
Concen: 65.77 ng
RT: 12.975 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:244 Resp: 1520474
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 12.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.017 min
 Lab File: BF123314.D
 Acq: 26 Feb 2021 21:26

Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-AVE

Tgt Ion:264	Resp:	411858
Ion Ratio	Lower	Upper
264	100	
260	23.7	18.6 28.0
265	22.1	17.0 25.6

