

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123490.D
 Acq On : 26 Mar 2021 17:16
 Operator : JU/CG
 Sample : M1770-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101S

Quant Time: Mar 26 22:57:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

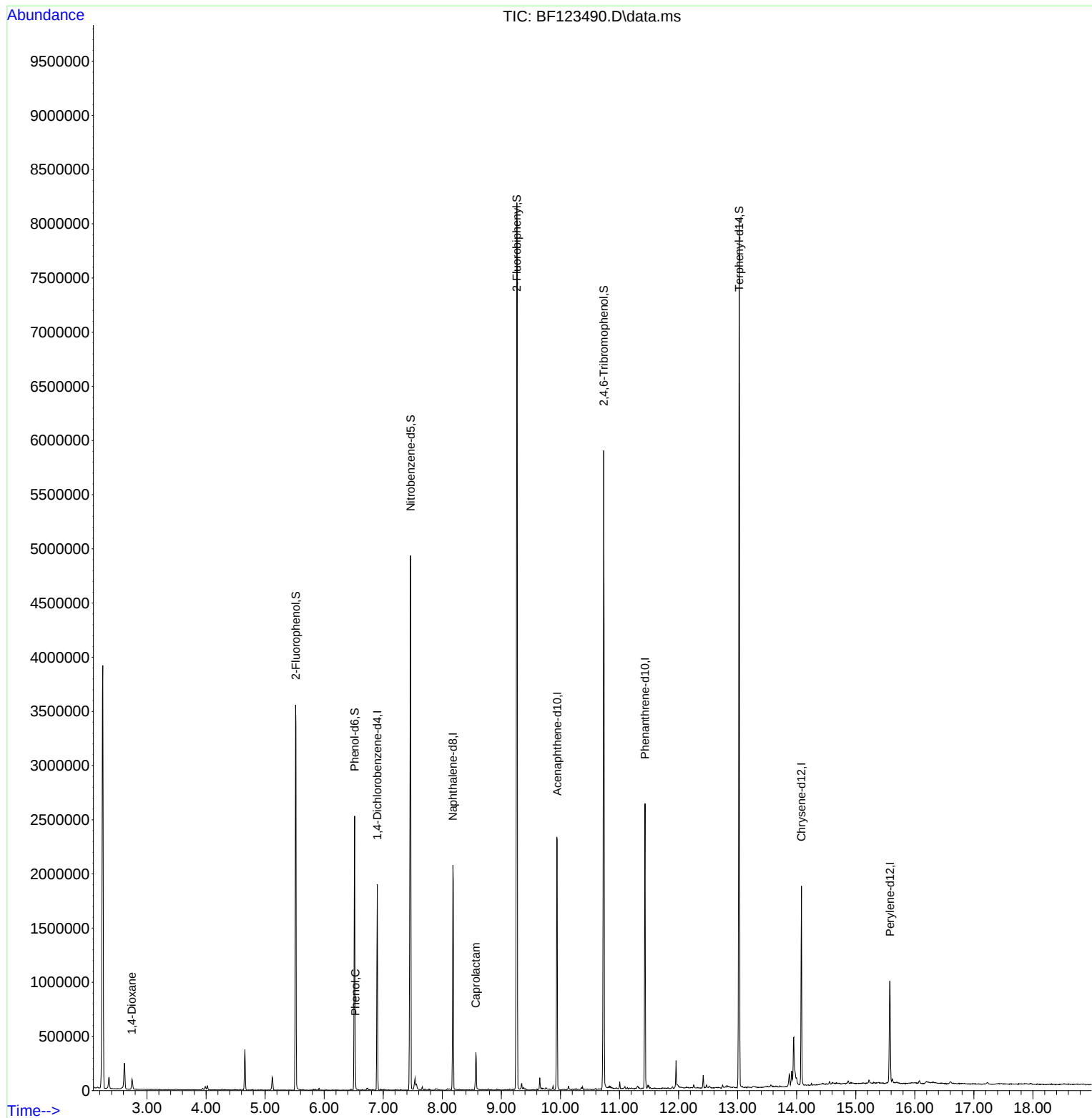
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	254308	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	949119	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	526949	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	911478	20.00	ng	0.00
76) Chrysene-d12	14.080	240	599475	20.00	ng	0.00
86) Perylene-d12	15.580	264	467654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	921400	59.27	ng	0.00
7) Phenol-d6	6.516	99	713015	34.46	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1708505	97.15	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	815230	138.38	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3028085	82.09	ng	0.00
79) Terphenyl-d14	13.027	244	2957360	83.61	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.746	88	41045	5.49	ng	# 71
10) Phenol	6.528	94	46345	2.18	ng	95
35) Caprolactam	8.569	113	32351	7.09	ng	# 32

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

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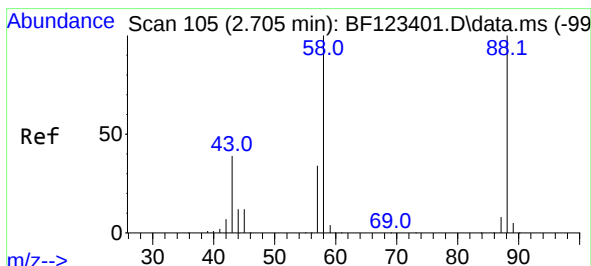
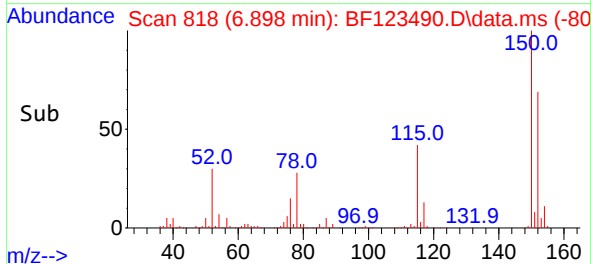
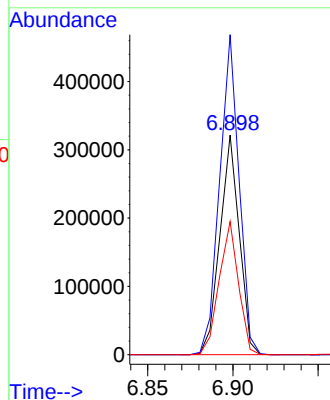
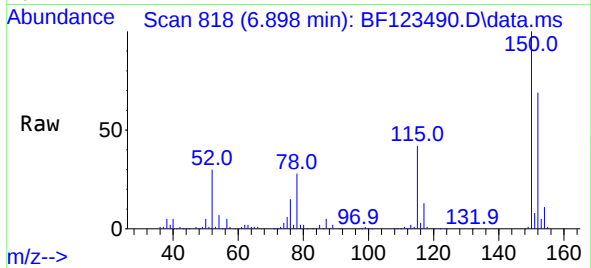




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

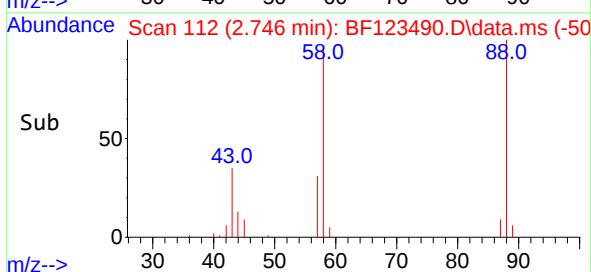
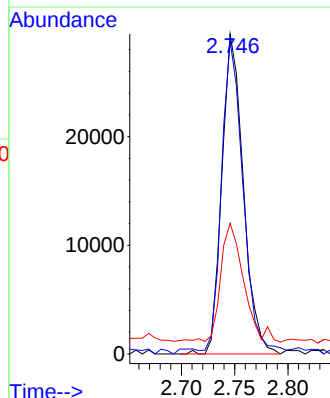
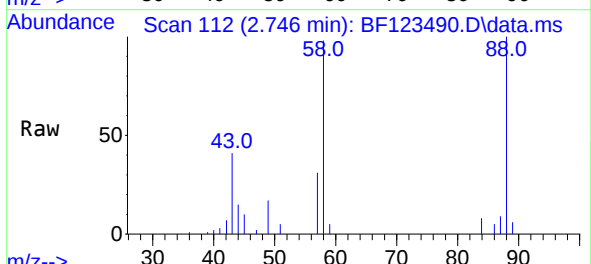
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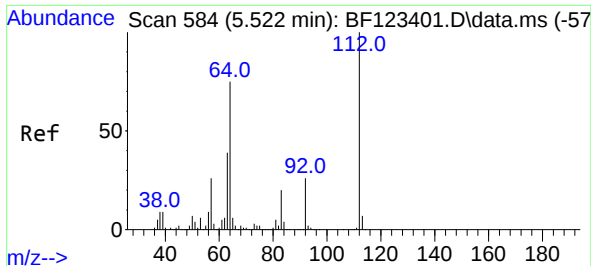
Tgt Ion:152 Resp: 254308
Ion Ratio Lower Upper
152 100
150 145.7 125.8 188.6
115 60.6 49.3 73.9



#2
1,4-Dioxane
Concen: 5.49 ng
RT: 2.746 min Scan# 112
Delta R.T. 0.065 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion: 88 Resp: 41045
Ion Ratio Lower Upper
88 100
58 95.2 56.2 84.2#
43 40.7 21.8 32.6#

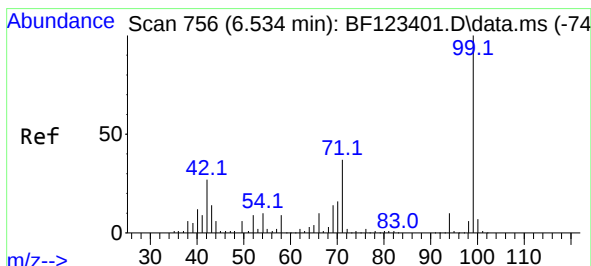
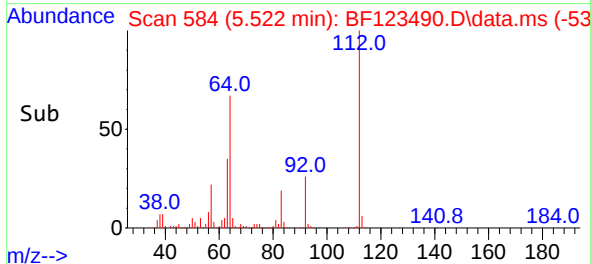
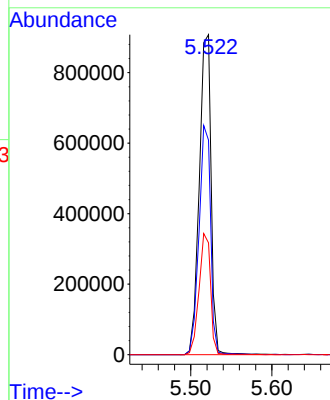
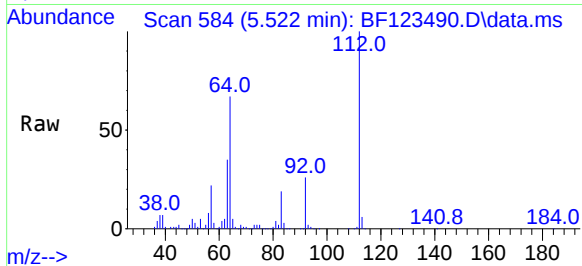




#5
2-Fluorophenol
Concen: 59.27 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

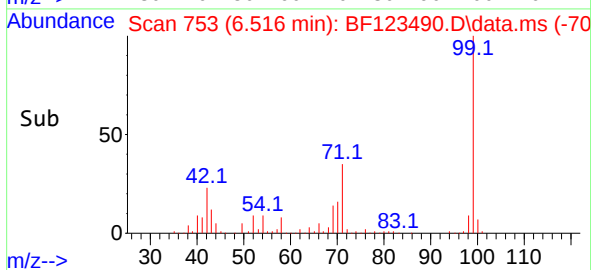
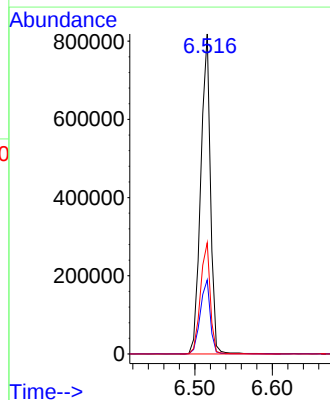
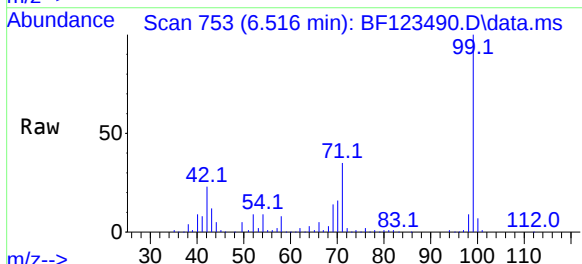
Instrument :
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ClientSampleId :
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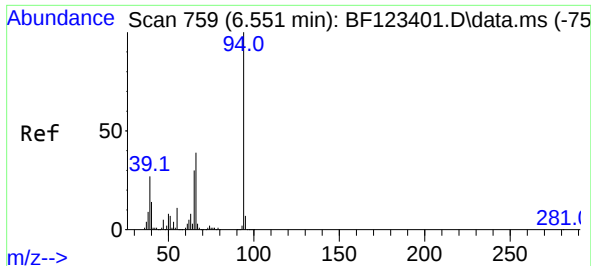
Tgt Ion:	112	Resp:	921400
Ion	Ratio	Lower	Upper
112	100		
64	67.1	46.9	70.3
63	34.9	24.5	36.7



#7
Phenol-d6
Concen: 34.46 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion:	99	Resp:	713015
Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.8	20.6
71	34.8	26.9	40.3

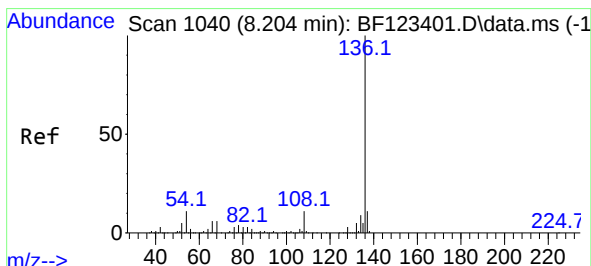
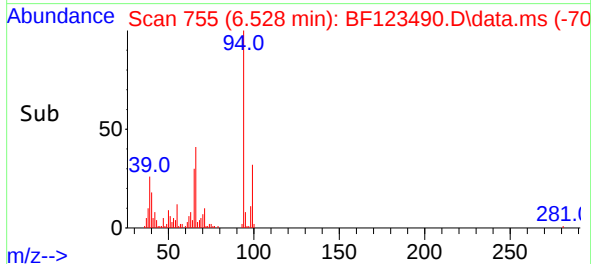
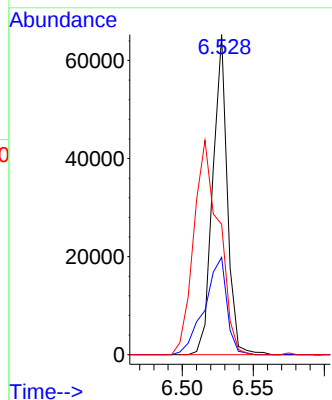
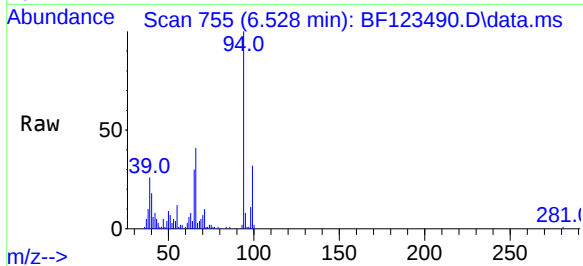




#10
Phenol
Concen: 2.18 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

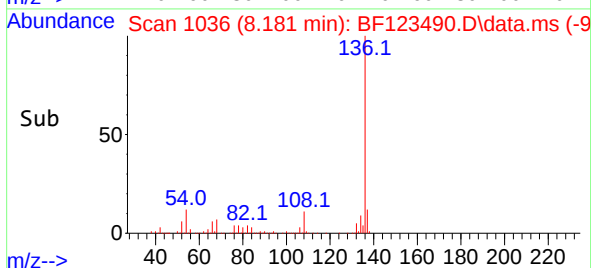
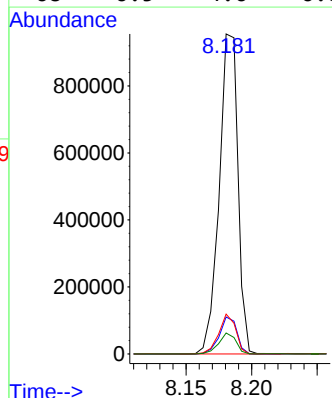
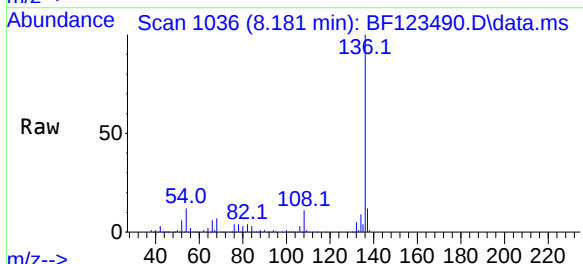
Instrument :
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ClientSampleId :
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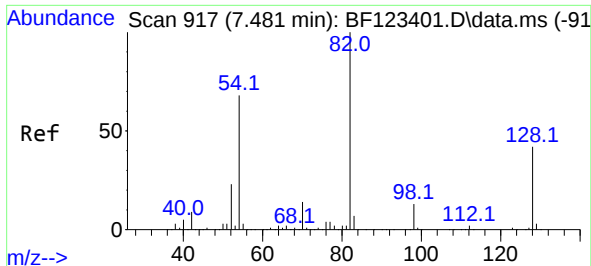
Tgt Ion: 94 Resp: 46345
Ion Ratio Lower Upper
94 100
65 30.4 11.2 51.2
66 40.8 25.8 65.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion: 136 Resp: 949119
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 12.5 5.5 8.3#
68 6.5 4.6 6.8

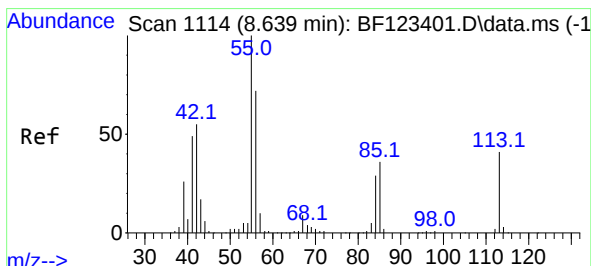
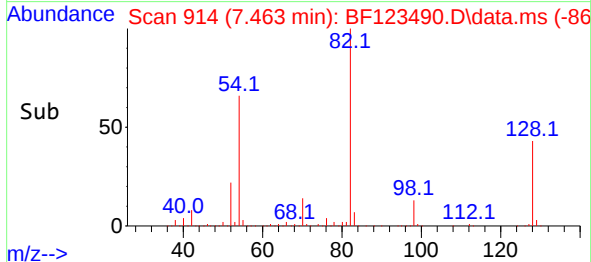
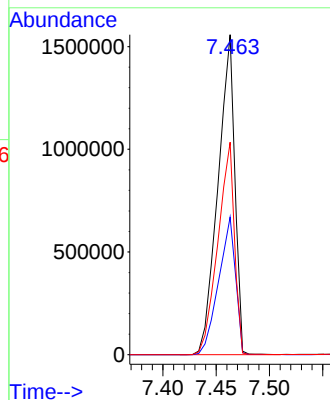
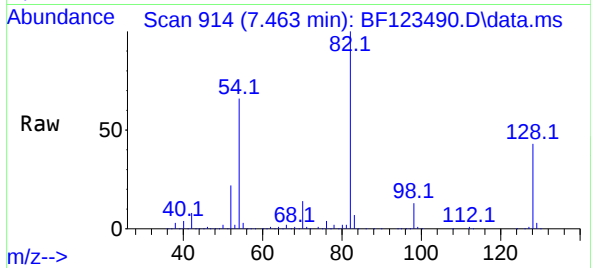




#23
Nitrobenzene-d5
Concen: 97.15 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

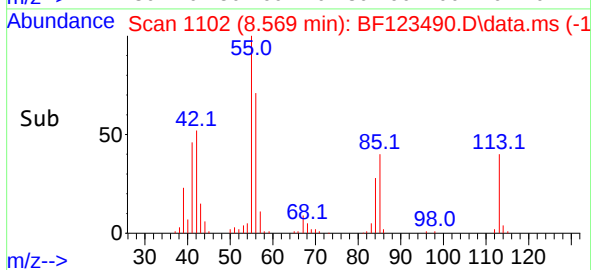
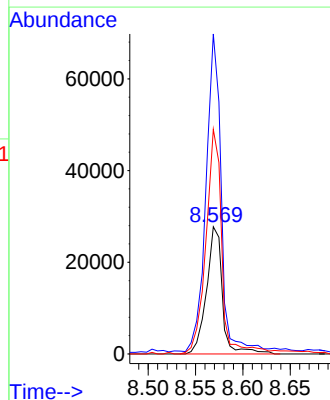
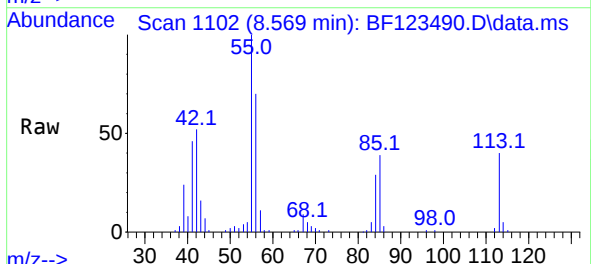
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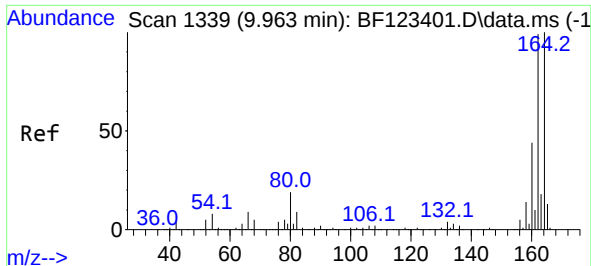
Tgt Ion: 82 Resp: 1708505
Ion Ratio Lower Upper
82 100
128 43.0 37.0 55.4
54 66.4 38.4 57.6#



#35
Caprolactam
Concen: 7.09 ng
RT: 8.569 min Scan# 1102
Delta R.T. -0.053 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion: 113 Resp: 32351
Ion Ratio Lower Upper
113 100
55 251.7 133.7 173.7#
56 176.7 95.3 135.3#

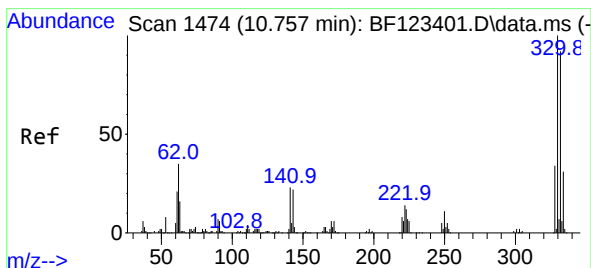
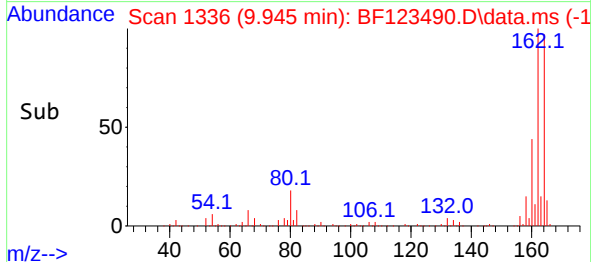
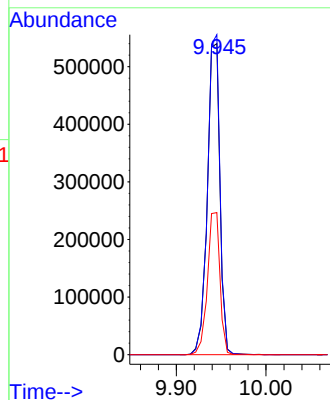
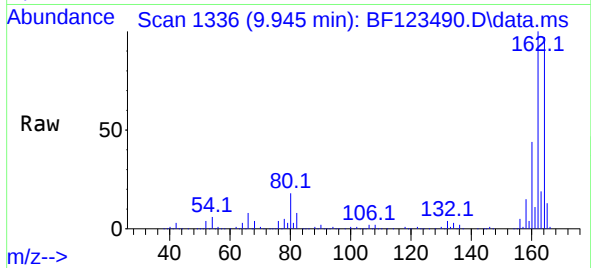




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

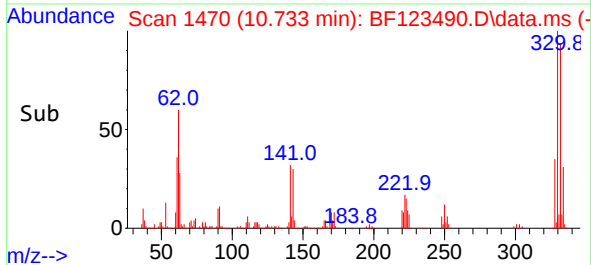
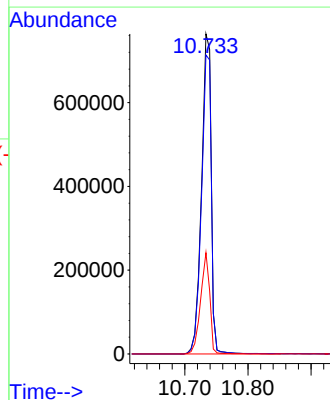
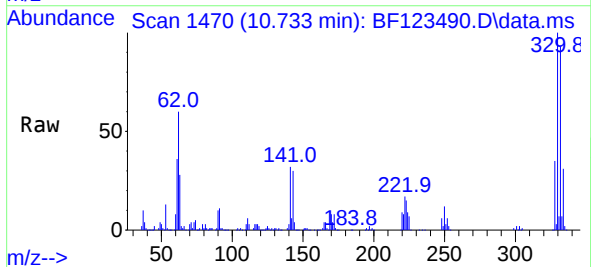
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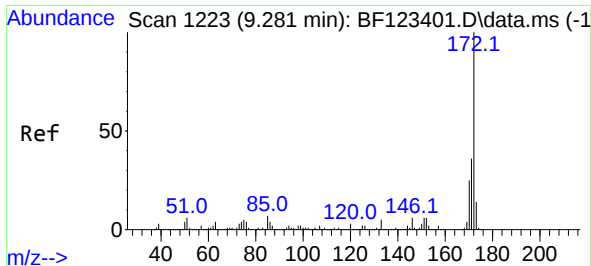
Tgt Ion:164 Resp: 526949
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 45.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 138.38 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion:330 Resp: 815230
Ion Ratio Lower Upper
330 100
332 94.8 77.5 116.3
141 29.9 23.8 35.8

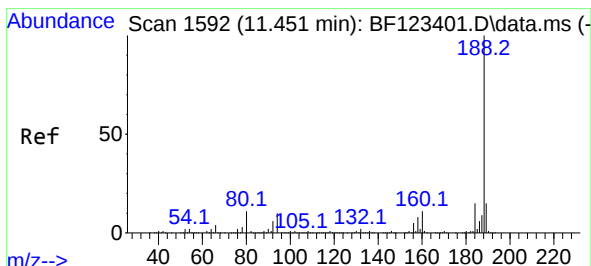
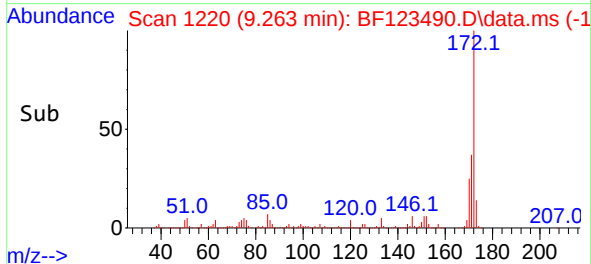
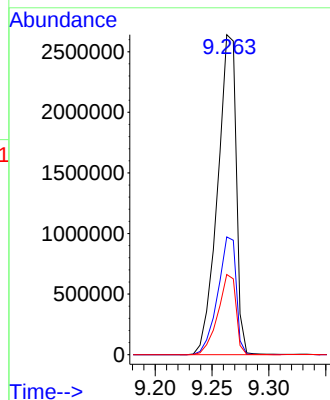
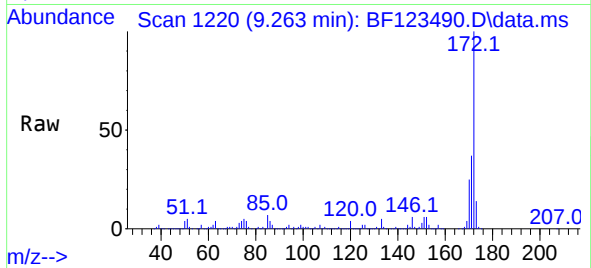




#45
2-Fluorobiphenyl
Concen: 82.09 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

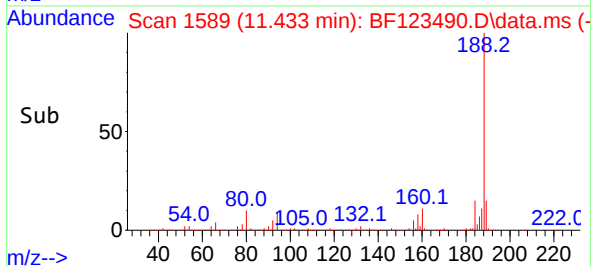
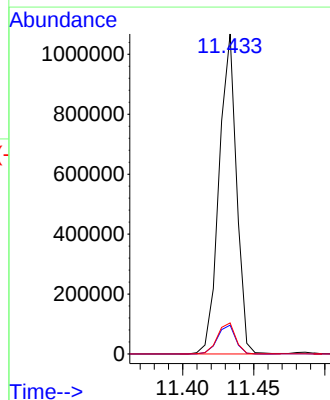
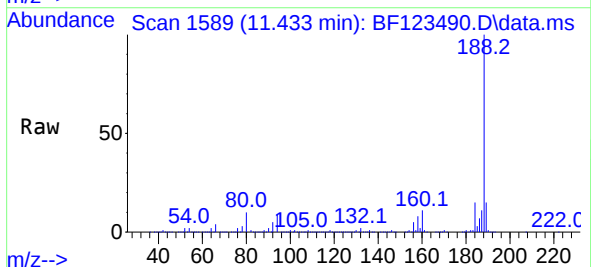
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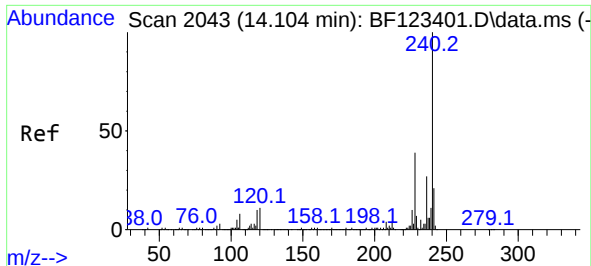
Tgt Ion:172 Resp: 3028085
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 25.0 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion:188 Resp: 911478
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.7 8.2 12.4

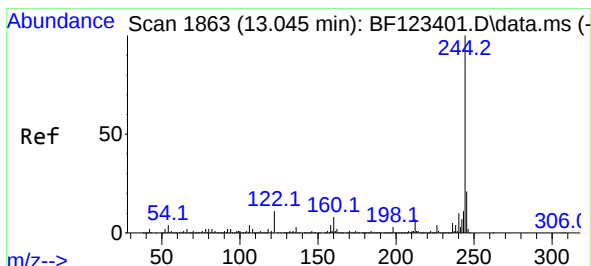
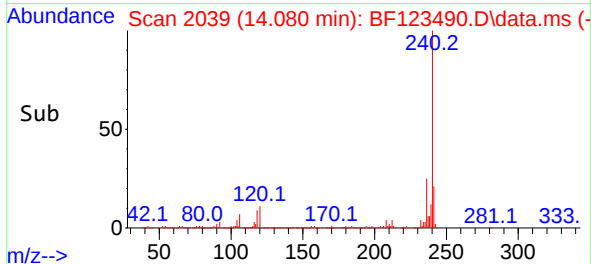
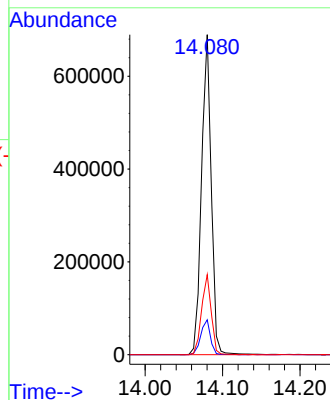
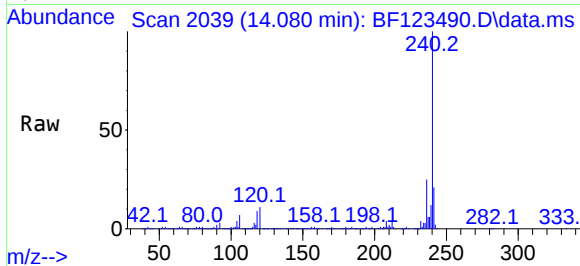




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

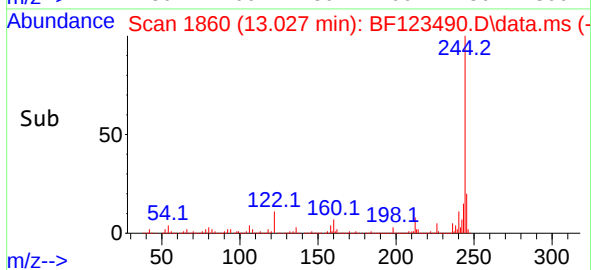
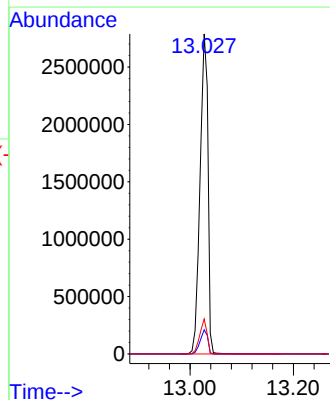
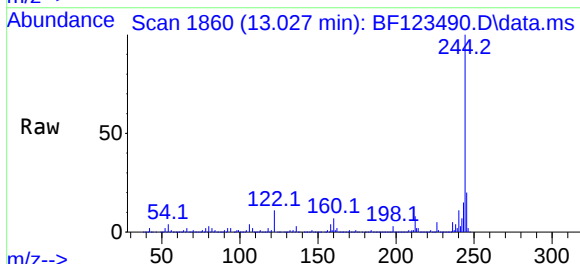
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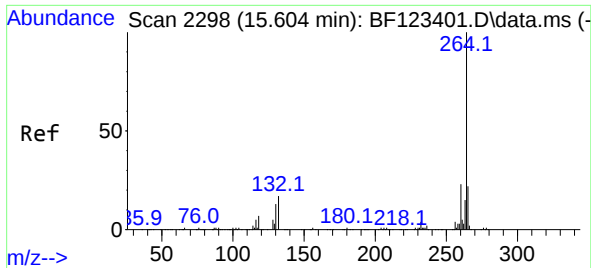
Tgt Ion:240 Resp: 599475
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.0 20.3 30.5



#79
Terphenyl-d14
Concen: 83.61 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123490.D
Acq: 26 Mar 2021 17:16

Tgt Ion:244 Resp: 2957360
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.9 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.000 min
 Lab File: BF123490.D
 Acq: 26 Mar 2021 17:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-101S

Tgt Ion:264	Resp:	467654
Ion	Ratio	Lower Upper
264	100	
260	22.4	18.6 28.0
265	22.1	17.0 25.6

