

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123495.D
 Acq On : 26 Mar 2021 20:02
 Operator : JU/CG
 Sample : M1770-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Quant Time: Mar 26 22:58:50 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)

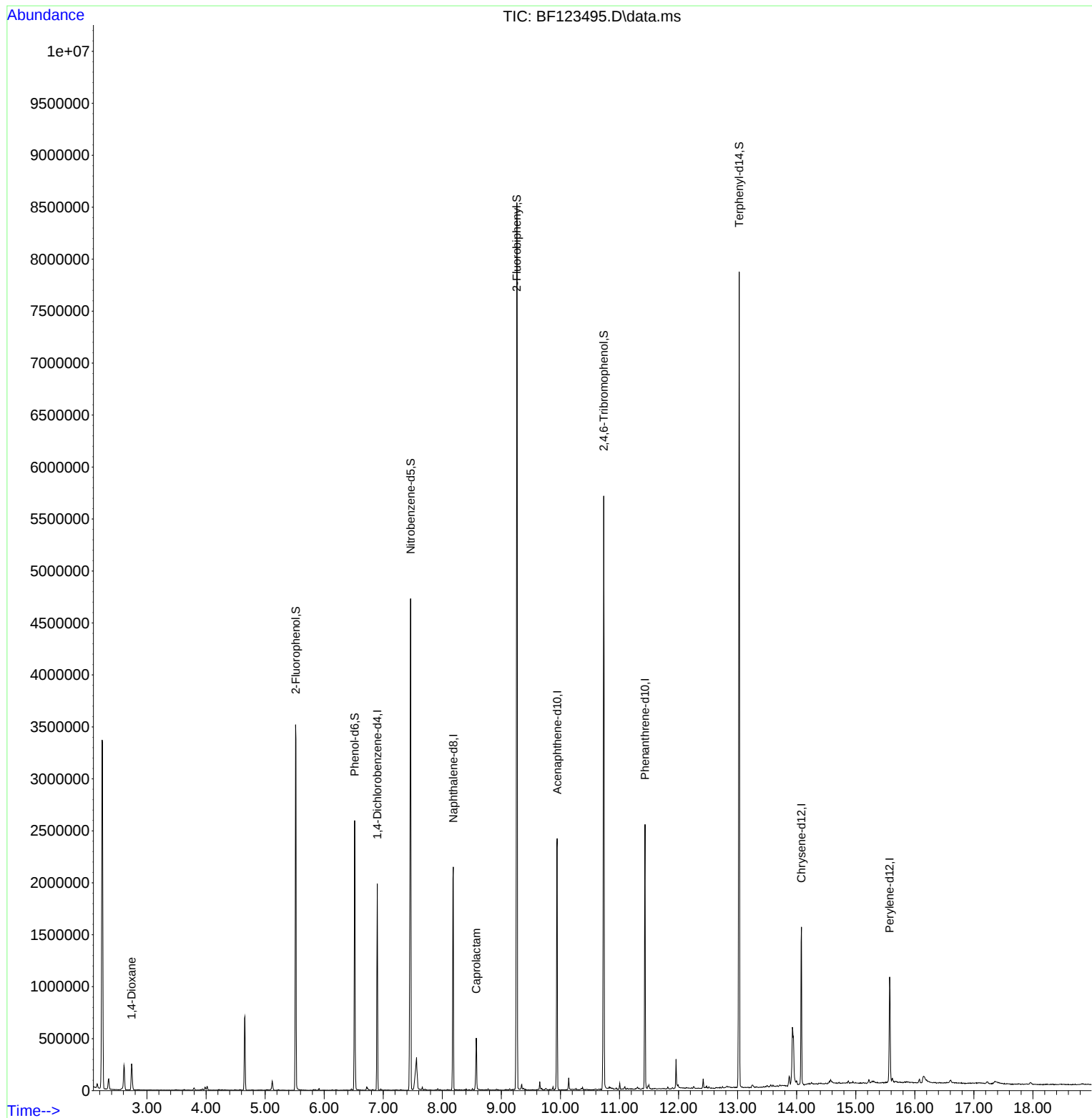
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	259823	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	960306	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	528881	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	889053	20.00	ng	0.00
76) Chrysene-d12	14.080	240	528727	20.00	ng	0.00
86) Perylene-d12	15.574	264	471285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	888244	55.93	ng	0.00
7) Phenol-d6	6.516	99	740779	35.04	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1632169	91.73	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	753902	127.50	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2890784	78.09	ng	0.00
79) Terphenyl-d14	13.027	244	2711203	86.90	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.740	88	104875	13.73	ng	# 64
35) Caprolactam	8.575	113	46692	10.12	ng	# 31

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

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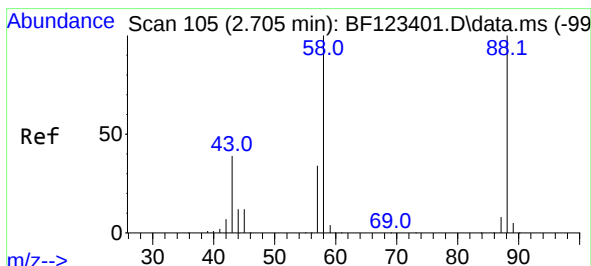
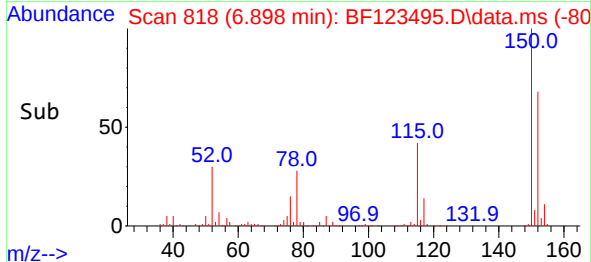
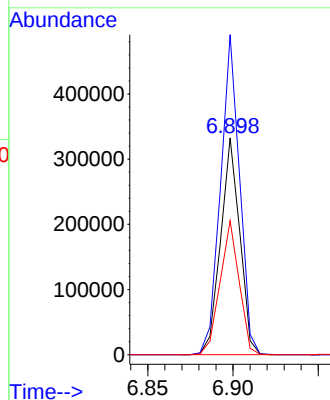
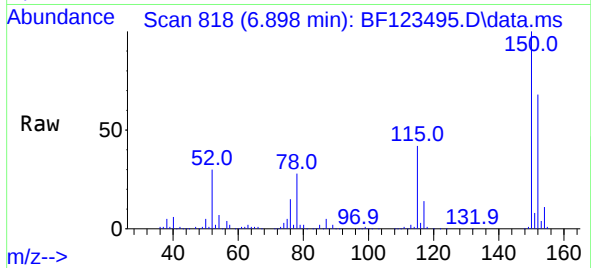




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

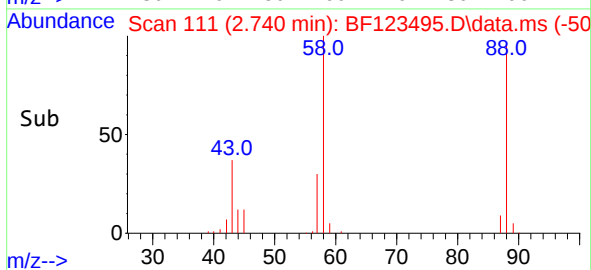
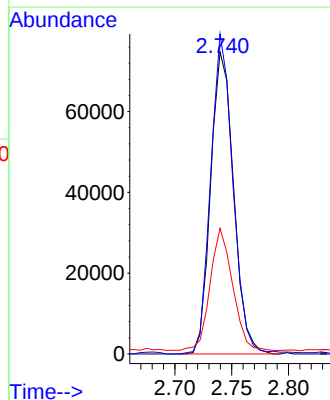
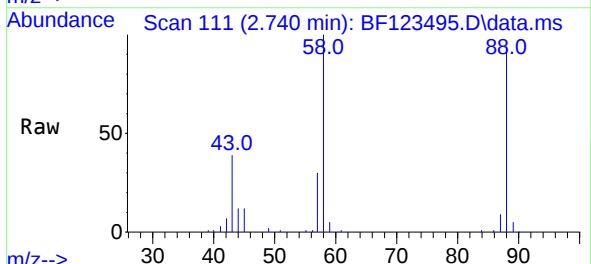
Instrument :
BNA_F
ClientSampleId :
MW-101I

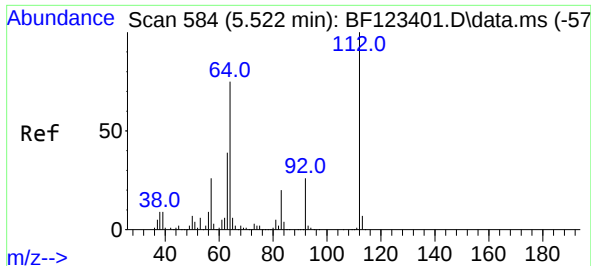
Tgt Ion:152 Resp: 259823
Ion Ratio Lower Upper
152 100
150 147.6 125.8 188.6
115 61.8 49.3 73.9



#2
1,4-Dioxane
Concen: 13.73 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.059 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion: 88 Resp: 104875
Ion Ratio Lower Upper
88 100
58 103.3 56.2 84.2#
43 39.5 21.8 32.6#

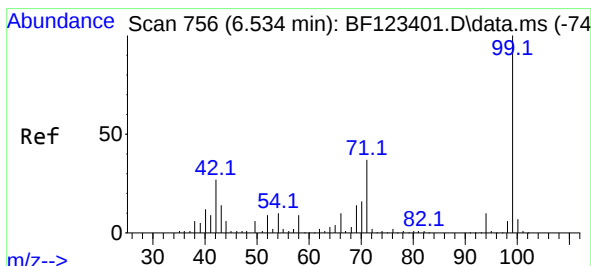
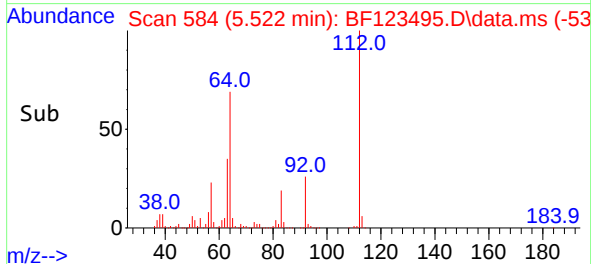
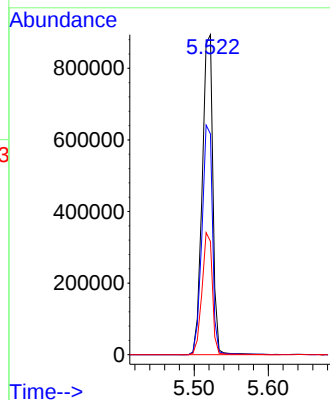
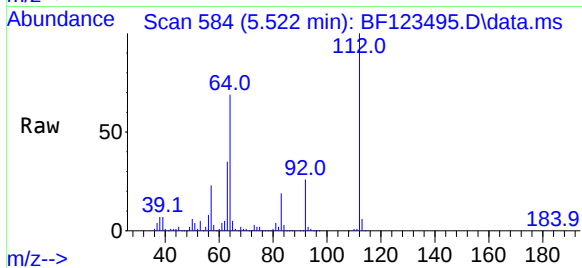




#5
2-Fluorophenol
Concen: 55.93 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

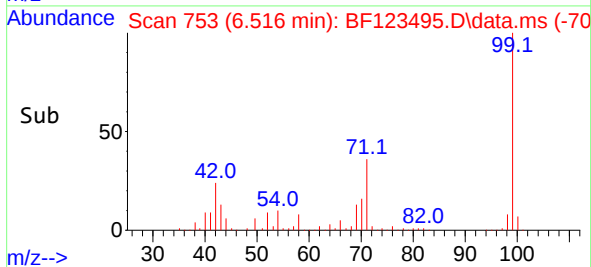
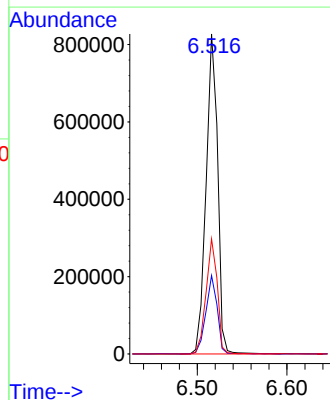
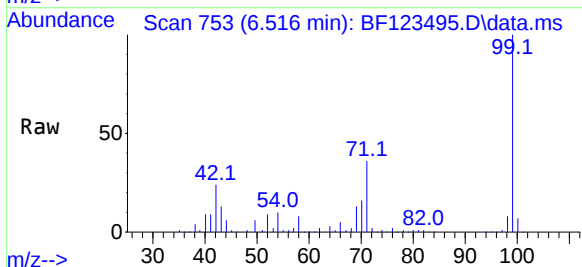
Instrument :
BNA_F
ClientSampleId :
MW-101I

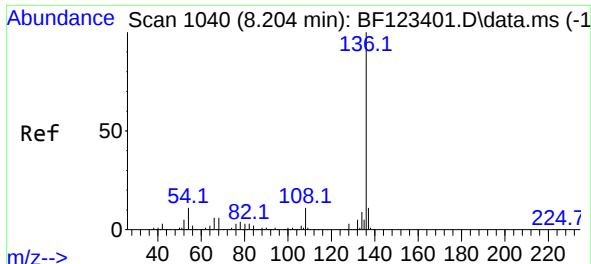
Tgt Ion:112 Resp: 888244
Ion Ratio Lower Upper
112 100
64 69.0 46.9 70.3
63 35.4 24.5 36.7



#7
Phenol-d6
Concen: 35.04 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion: 99 Resp: 740779
Ion Ratio Lower Upper
99 100
42 24.5 13.8 20.6#
71 35.9 26.9 40.3



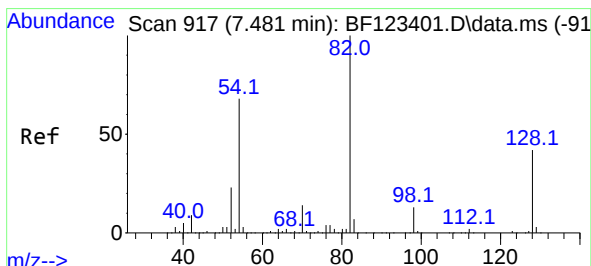
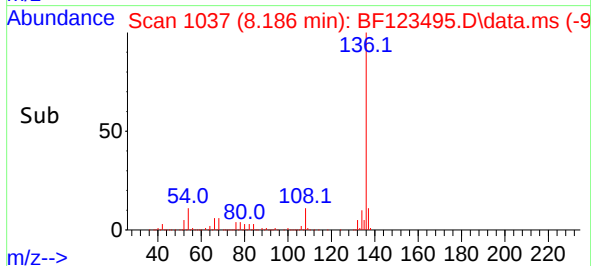
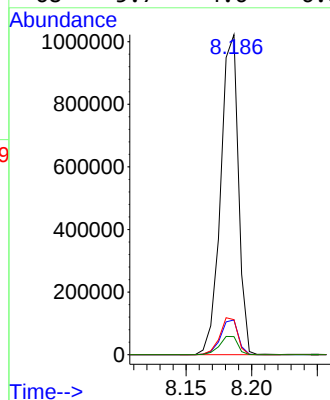
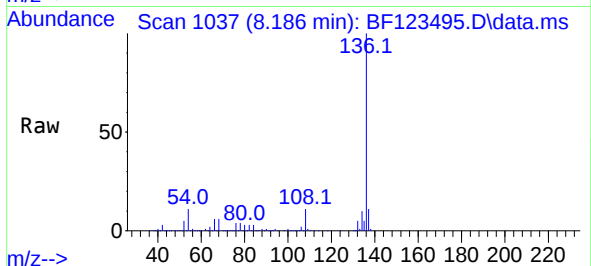


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tgt Ion:136 Resp: 960306

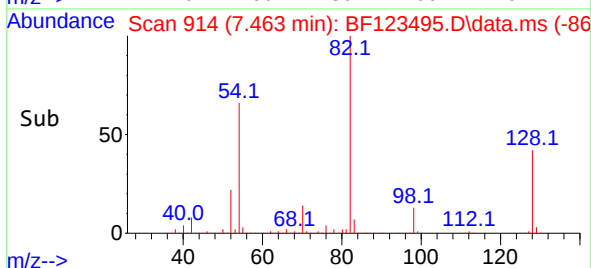
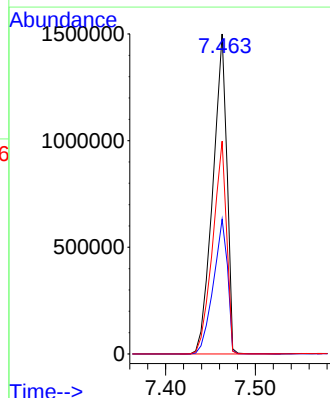
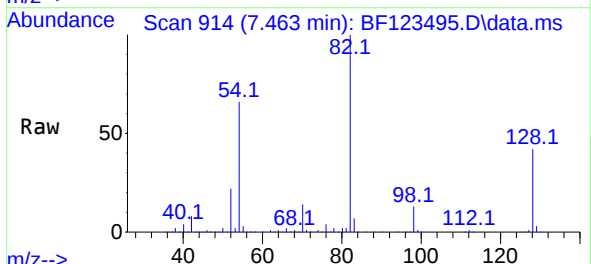
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.0	5.5	8.3#
68	5.7	4.6	6.8

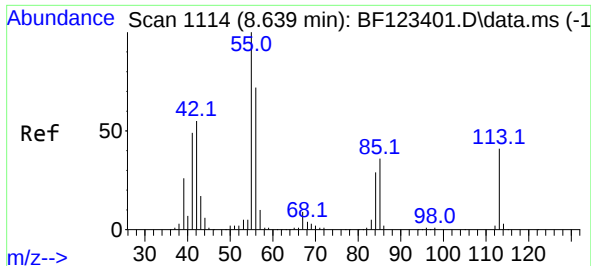


#23
Nitrobenzene-d5
Concen: 91.73 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion: 82 Resp: 1632169

Ion	Ratio	Lower	Upper
82	100		
128	42.1	37.0	55.4
54	66.5	38.4	57.6#

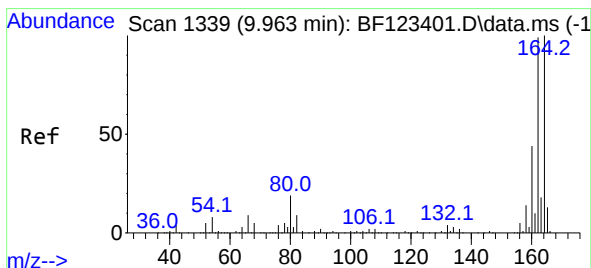
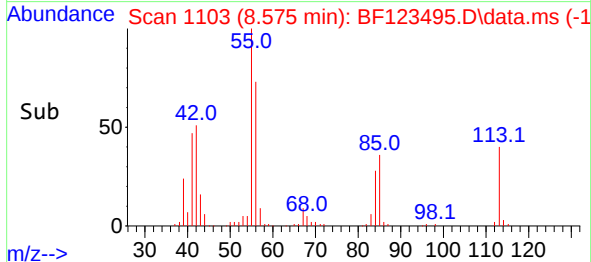
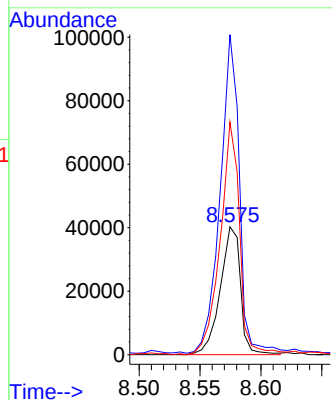
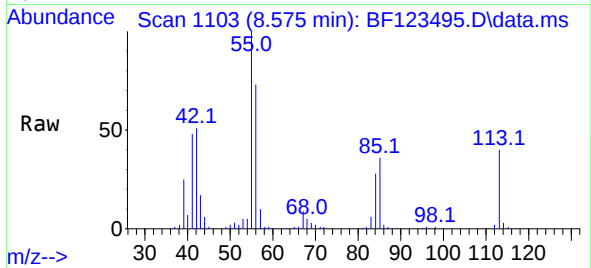




#35
Caprolactam
Concen: 10.12 ng
RT: 8.575 min Scan# 1103
Delta R.T. -0.047 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

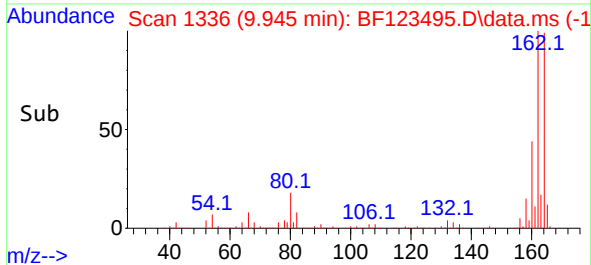
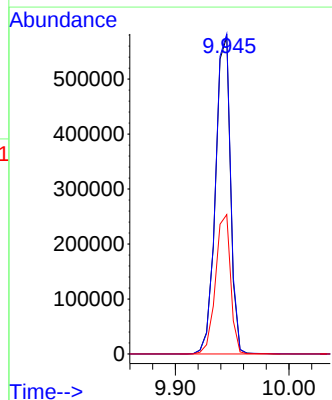
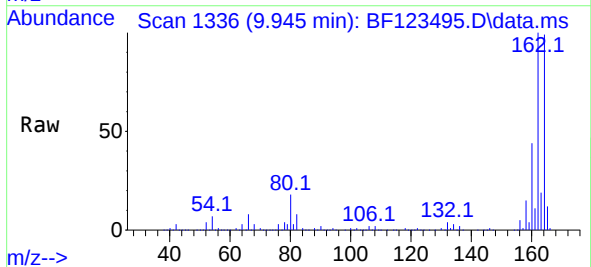
Instrument :
BNA_F
ClientSampleId :
MW-101I

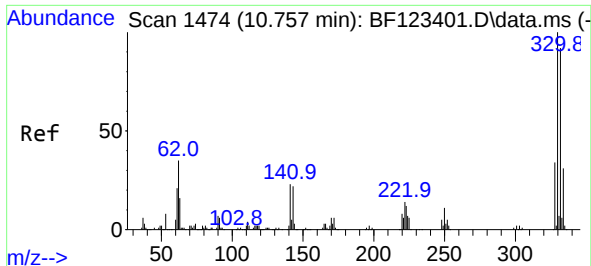
Tgt Ion:113 Resp: 46692
Ion Ratio Lower Upper
113 100
55 250.4 133.7 173.7#
56 181.9 95.3 135.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion:164 Resp: 528881
Ion Ratio Lower Upper
164 100
162 100.9 80.8 121.2
160 44.0 35.4 53.0

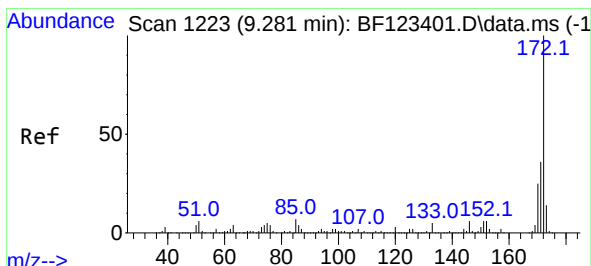
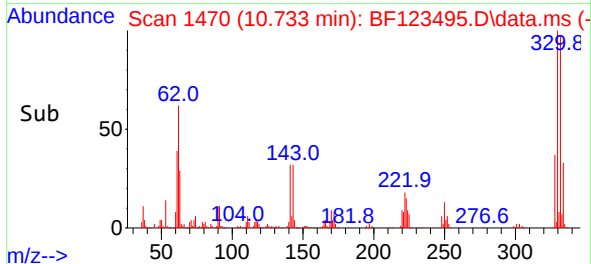
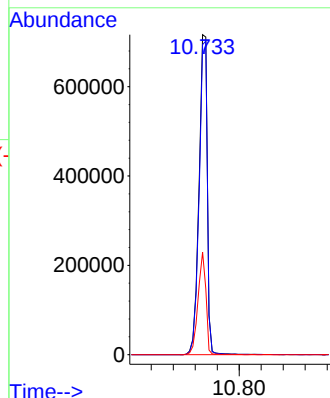
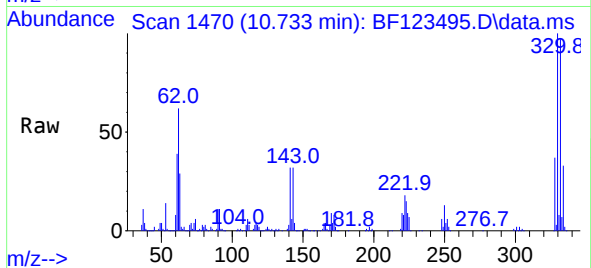




#42
2,4,6-Tribromophenol
Concen: 127.50 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

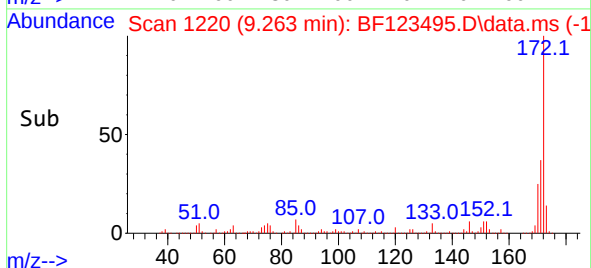
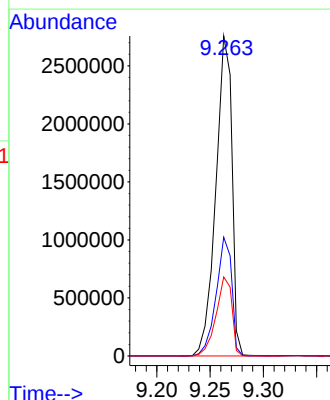
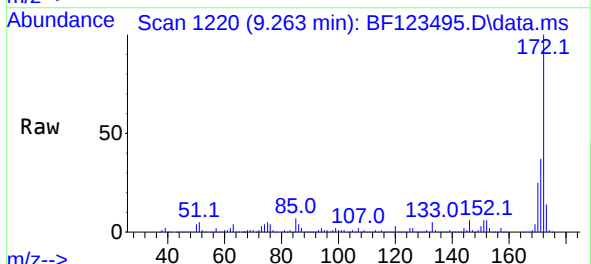
Instrument :
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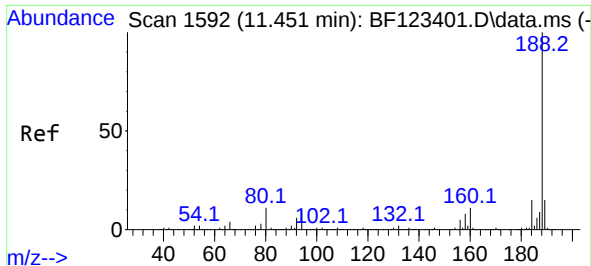
Tgt Ion: 330 Resp: 753902
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 30.4 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 78.09 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion: 172 Resp: 2890784
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.7 19.5 29.3

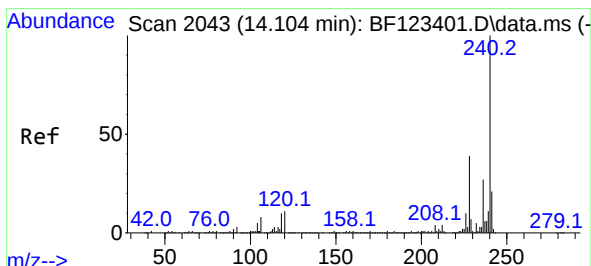
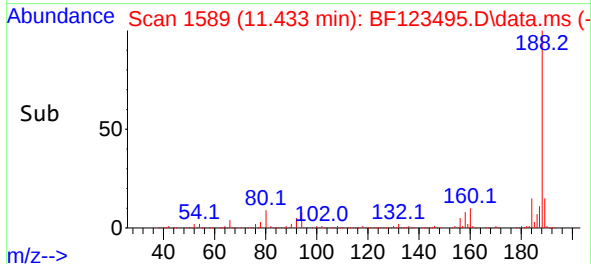
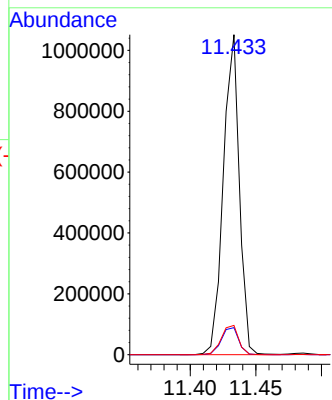
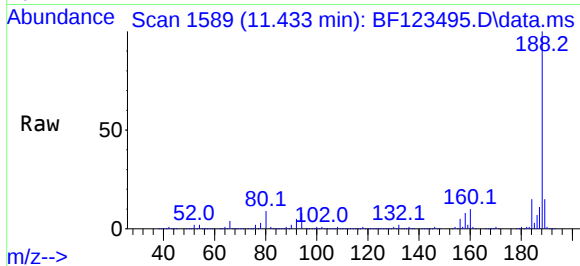




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

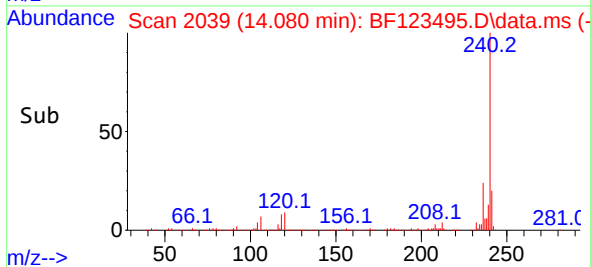
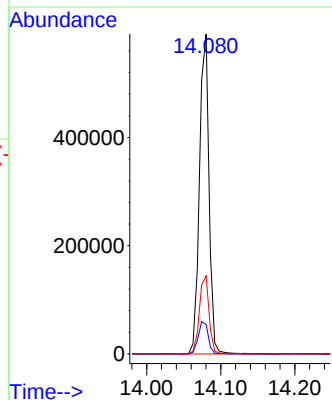
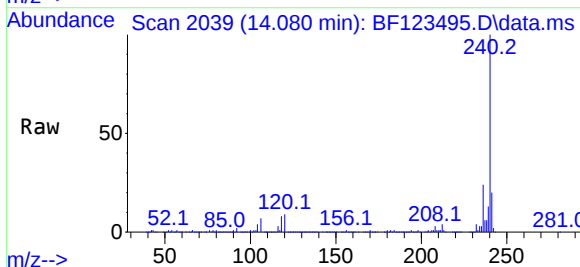
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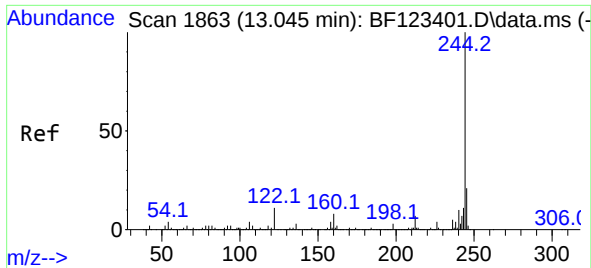
Tgt Ion:188 Resp: 889053
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion:240 Resp: 528727
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 24.4 20.3 30.5

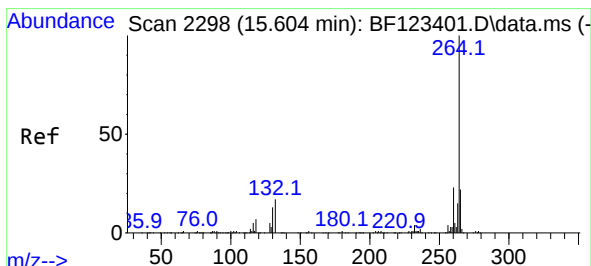
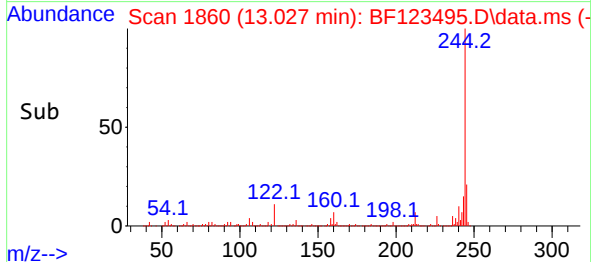
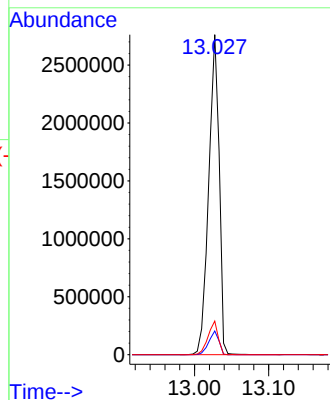
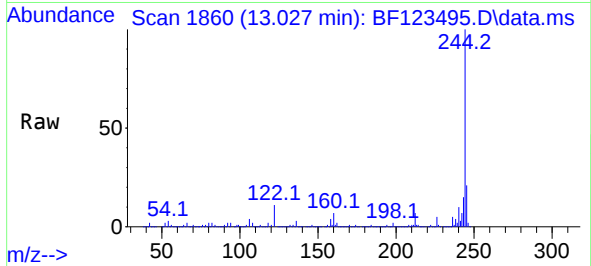




#79
Terphenyl-d14
Concen: 86.90 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 2711203
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.5 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BF123495.D
Acq: 26 Mar 2021 20:02

Tgt Ion:264 Resp: 471285
Ion Ratio Lower Upper
264 100
260 22.5 18.6 28.0
265 21.5 17.0 25.6

