

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
 Data File : BF123510.D
 Acq On : 29 Mar 2021 23:00
 Operator : JU/CG
 Sample : M1796-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2021-WS-000-06

Quant Time: Mar 30 00:35:12 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)

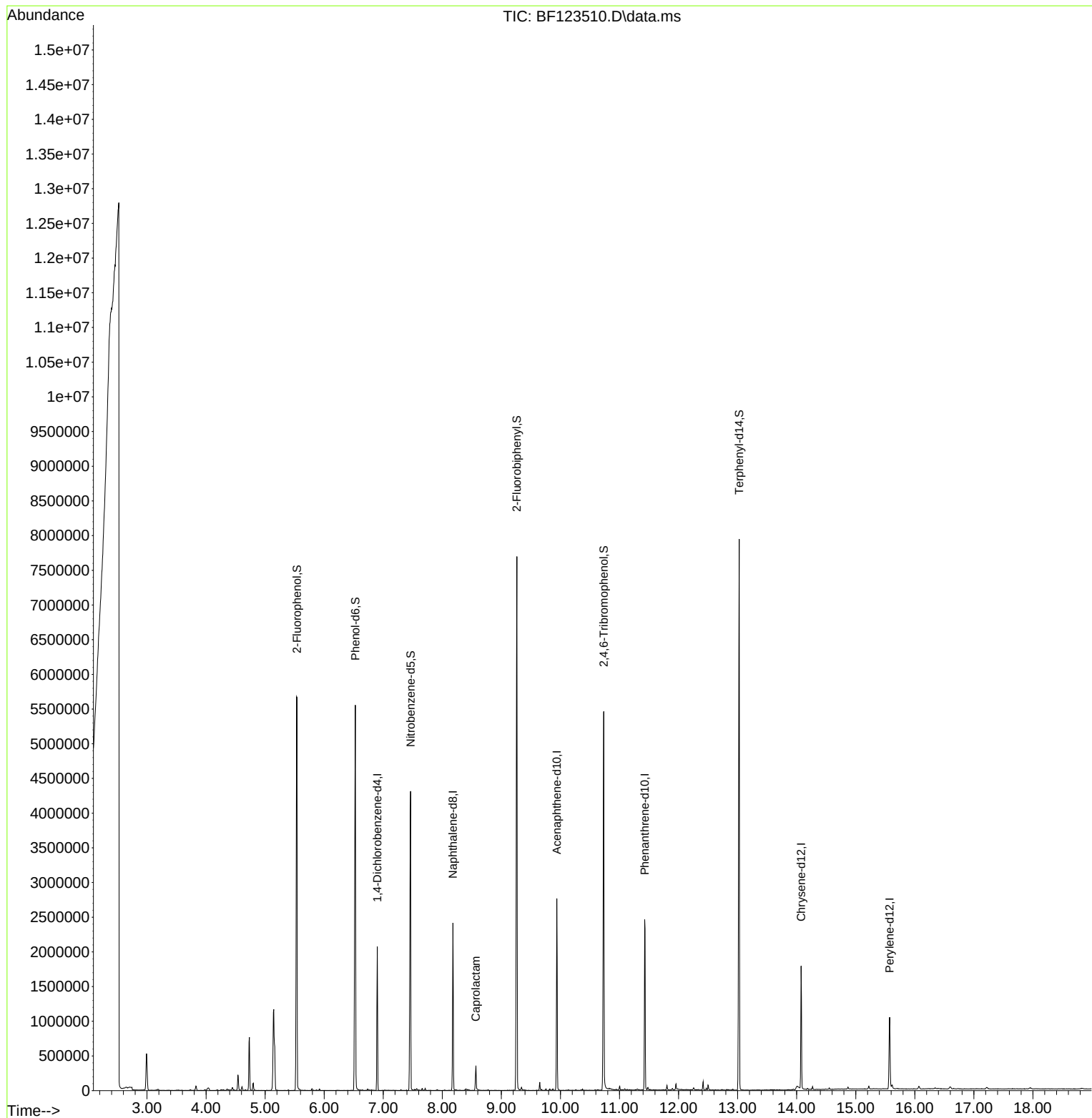
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	264636	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	969824	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	539261	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	943715	20.00	ng	0.00
76) Chrysene-d12	14.074	240	585746	20.00	ng	-0.01
86) Perylene-d12	15.574	264	503340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1607499	99.37	ng	0.02
7) Phenol-d6	6.528	99	1897070	88.10	ng	0.00
23) Nitrobenzene-d5	7.463	82	1457854	81.13	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	700720	116.23	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2551874	67.60	ng	0.00
79) Terphenyl-d14	13.027	244	2714597	78.54	ng	0.00
Target Compounds						
35) Caprolactam	8.569	113	32627	7.00	ng	Qvalue # 46

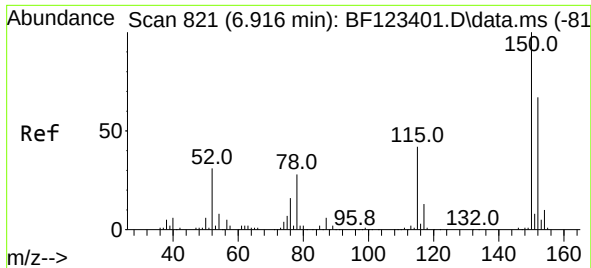
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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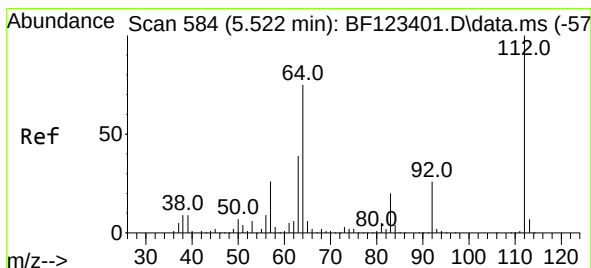
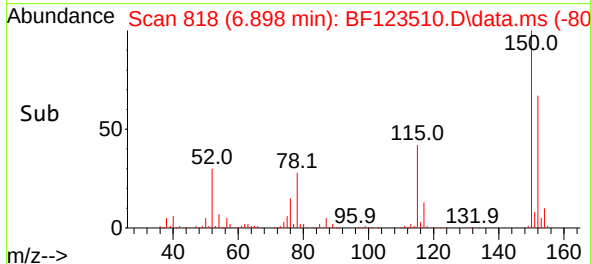
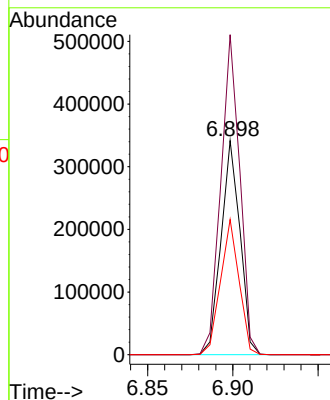
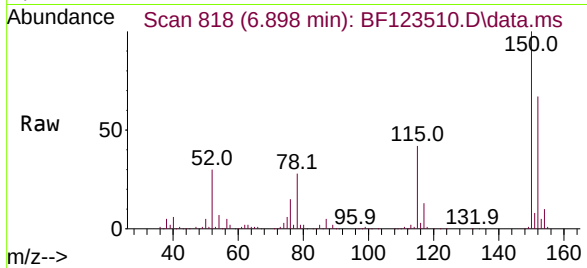




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

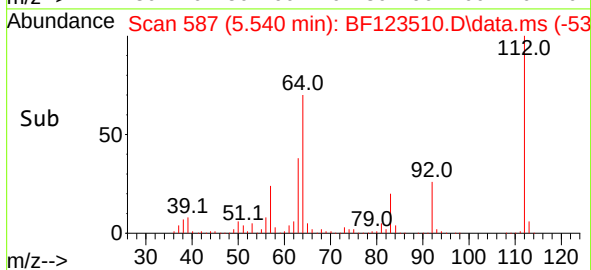
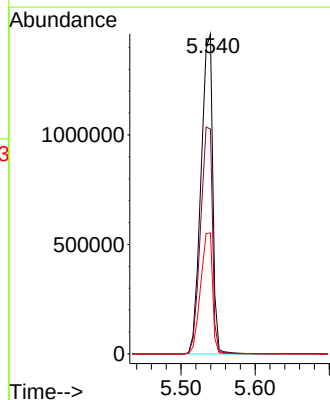
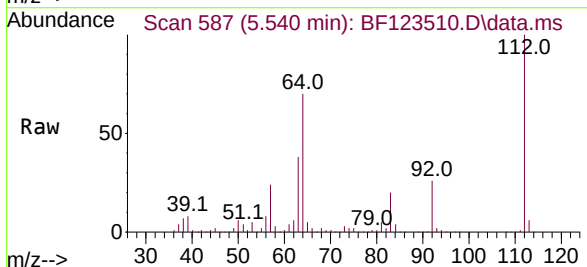
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-06

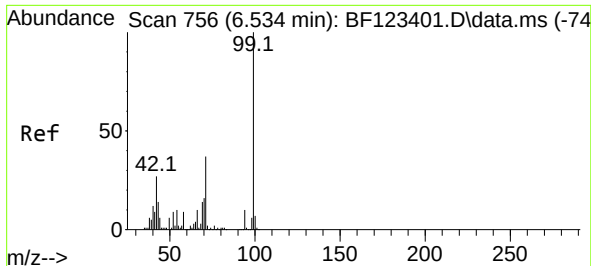
Tgt Ion:152 Resp: 264636
Ion Ratio Lower Upper
152 100
150 149.5 125.8 188.6
115 63.2 49.3 73.9



#5
2-Fluorophenol
Concen: 99.37 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.024 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion:112 Resp: 1607499
Ion Ratio Lower Upper
112 100
64 70.3 46.9 70.3
63 37.8 24.5 36.7#

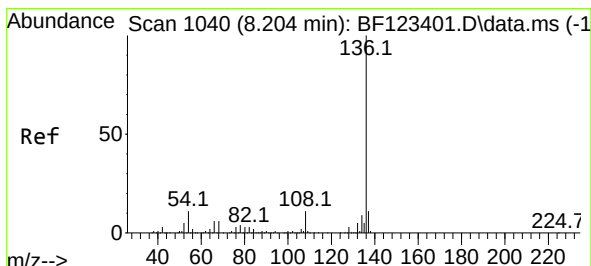
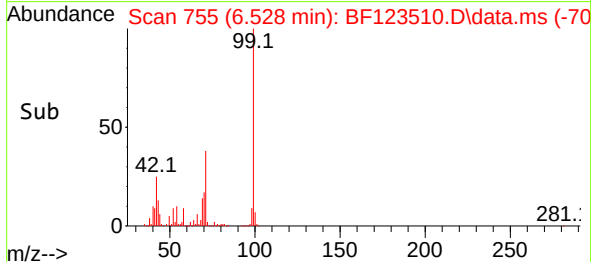
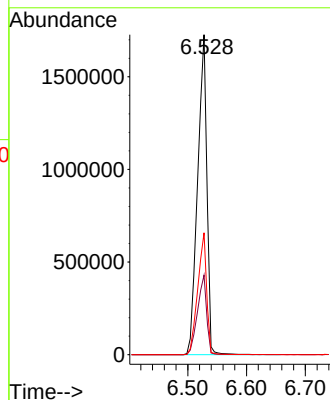
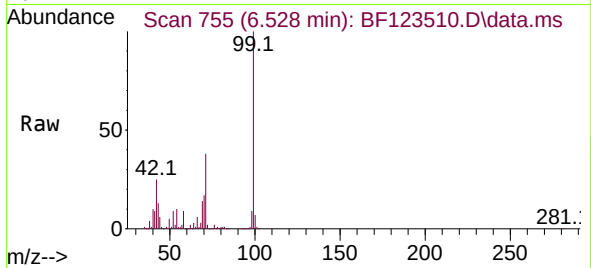




#7
Phenol-d6
Concen: 88.10 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

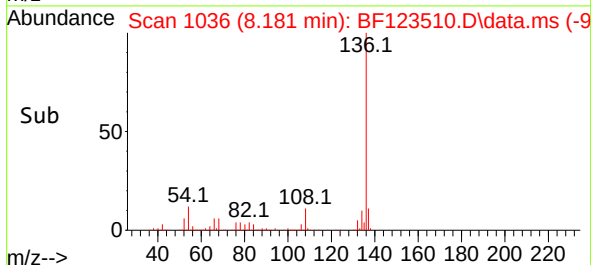
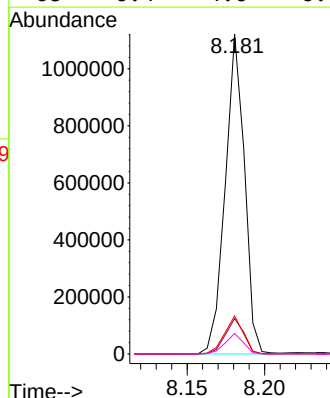
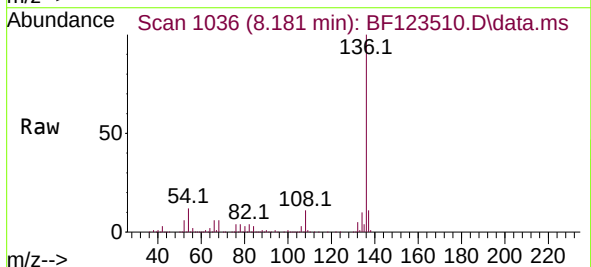
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-06

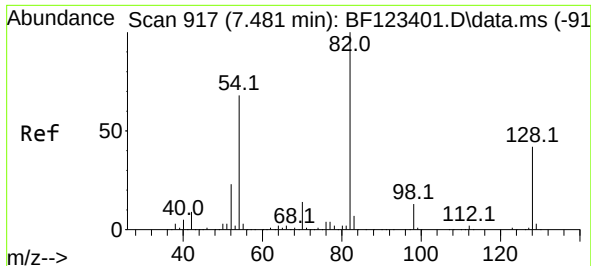
Tgt Ion: 99 Resp: 1897070
Ion Ratio Lower Upper
99 100
42 24.9 13.8 20.6#
71 38.1 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion: 136 Resp: 969824
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.9 5.5 8.3#
68 6.4 4.6 6.8

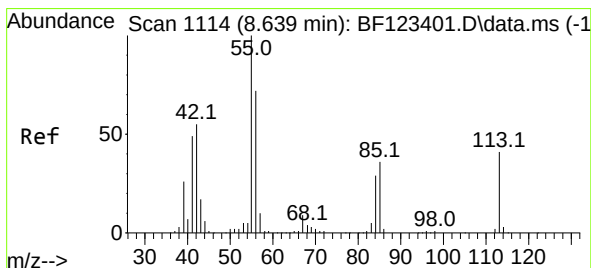
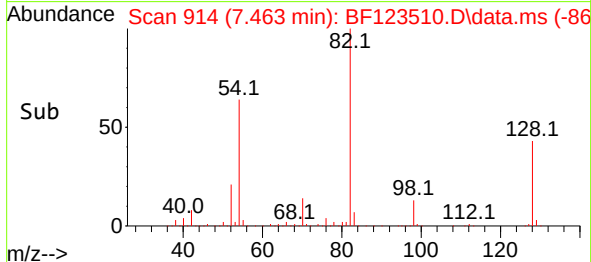
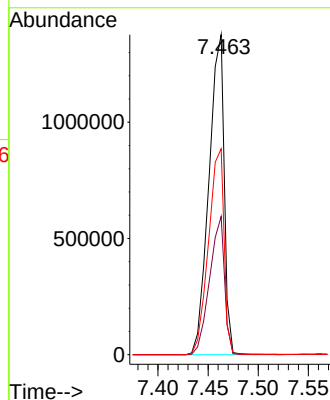
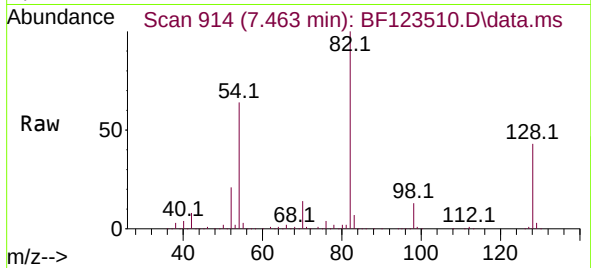




#23
Nitrobenzene-d5
Concen: 81.13 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

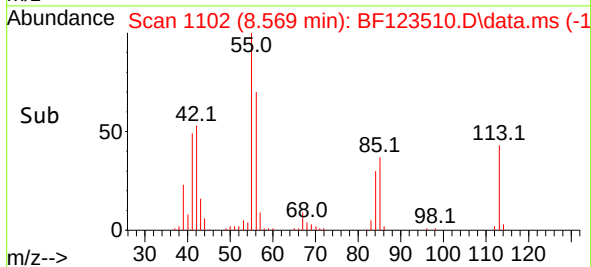
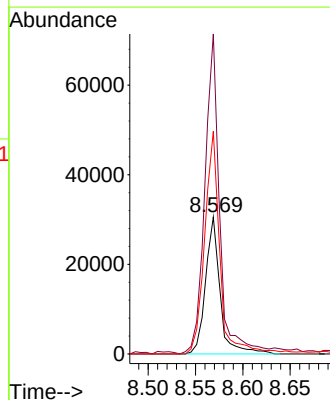
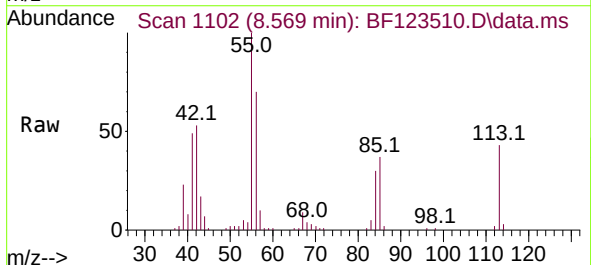
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-06

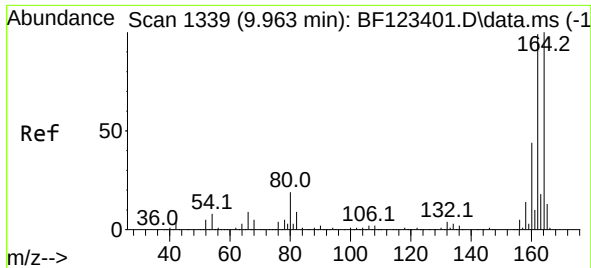
Tgt Ion: 82 Resp: 1457854
Ion Ratio Lower Upper
82 100
128 43.2 37.0 55.4
54 64.3 38.4 57.6#



#35
Caprolactam
Concen: 7.00 ng
RT: 8.569 min Scan# 1102
Delta R.T. -0.053 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion: 113 Resp: 32627
Ion Ratio Lower Upper
113 100
55 233.6 133.7 173.7#
56 162.6 95.3 135.3#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF123510.D

Acq: 29 Mar 2021 23:00

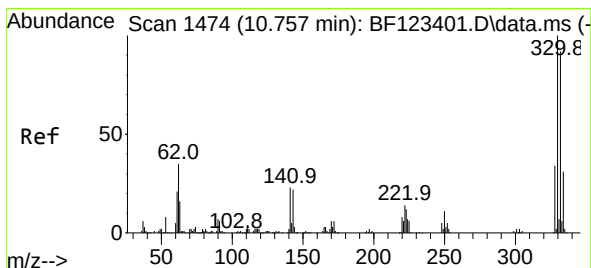
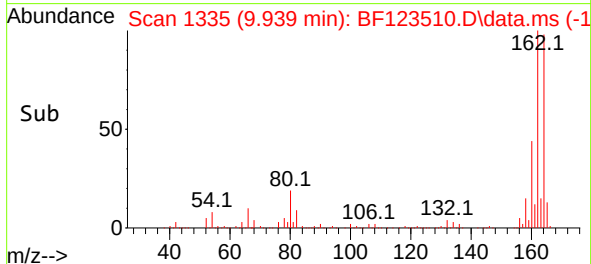
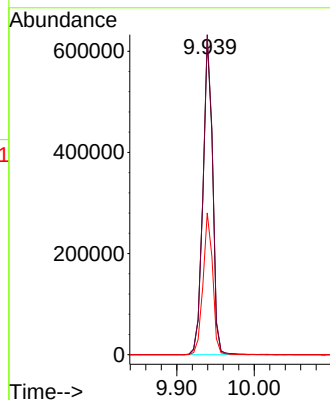
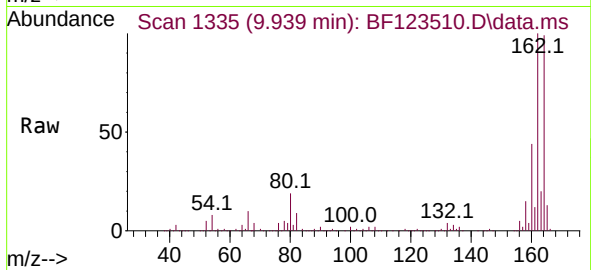
Tgt Ion:164 Resp: 539261

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

160 44.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 116.23 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.006 min

Lab File: BF123510.D

Acq: 29 Mar 2021 23:00

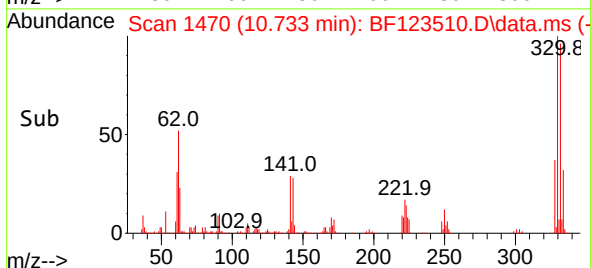
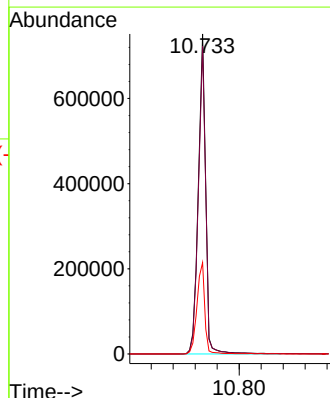
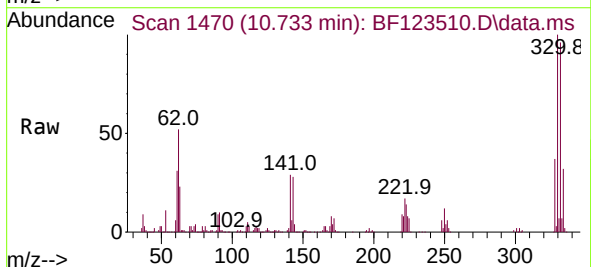
Tgt Ion:330 Resp: 700720

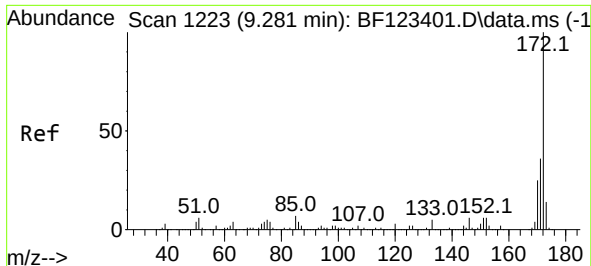
Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 30.4 23.8 35.8

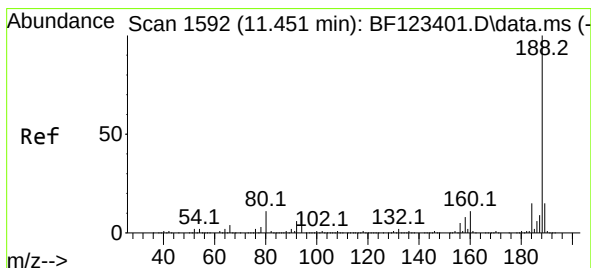
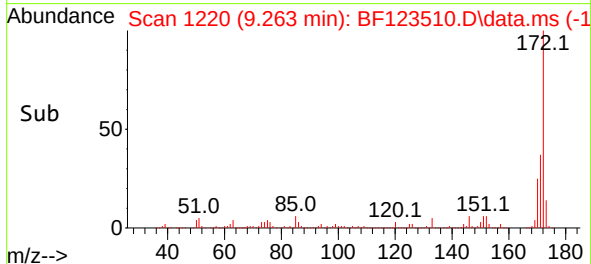
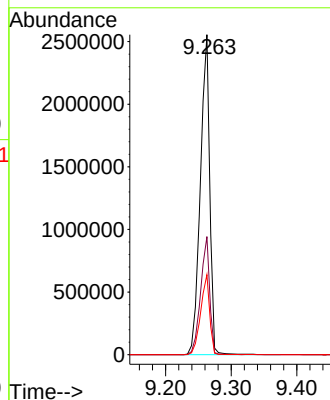
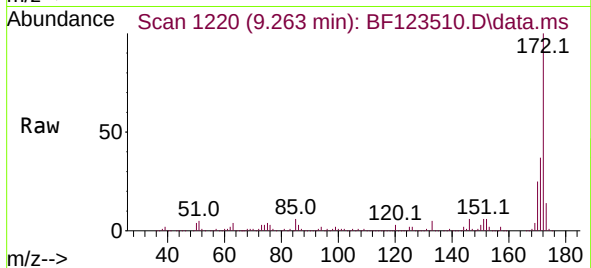




#45
2-Fluorobiphenyl
Concen: 67.60 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

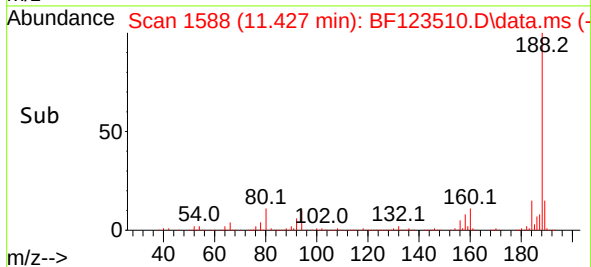
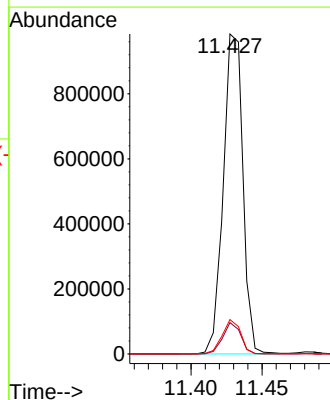
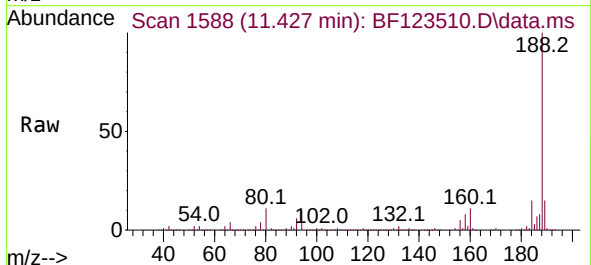
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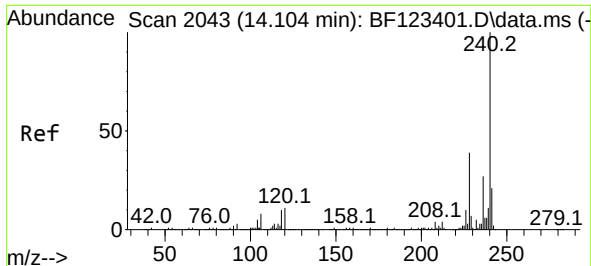
Tgt Ion:172 Resp: 2551874
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 25.0 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion:188 Resp: 943715
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.7 8.2 12.4

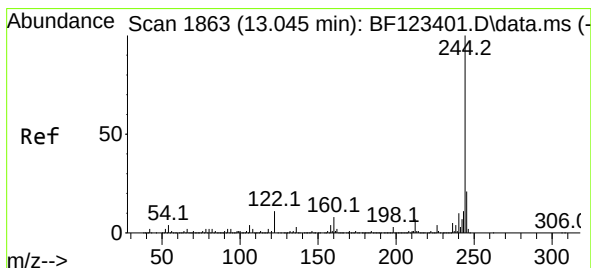
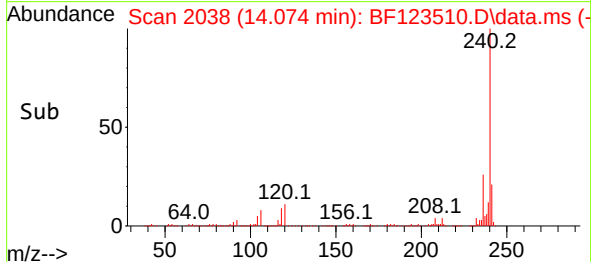
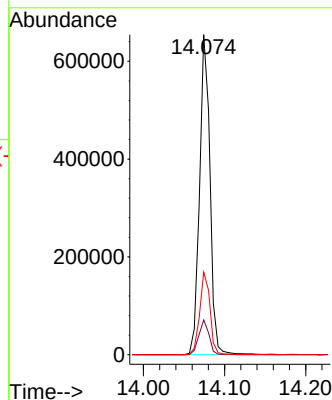
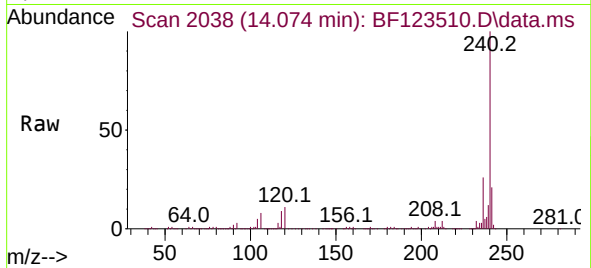




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

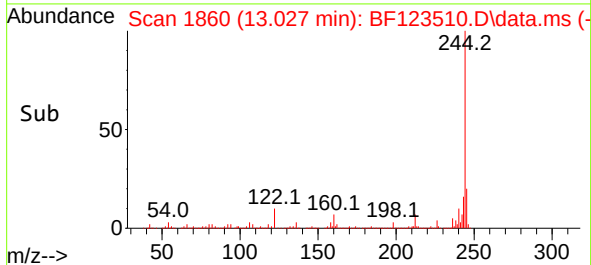
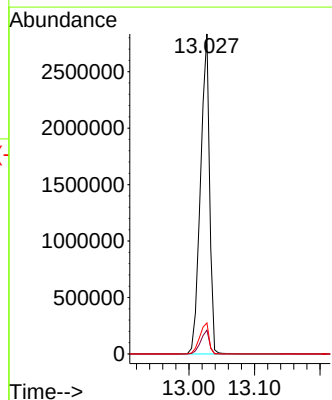
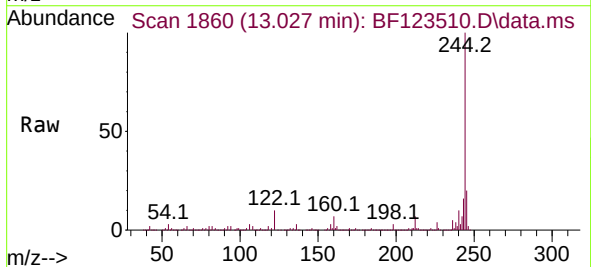
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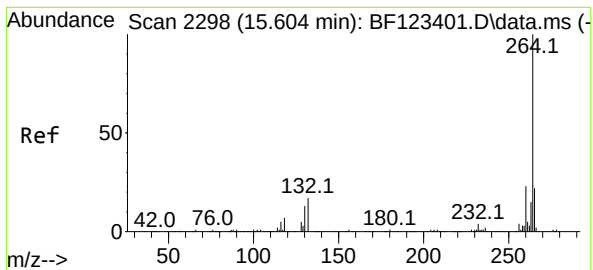
Tgt Ion:240 Resp: 585746
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 78.54 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion:244 Resp: 2714597
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 9.7 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: BF123510.D
Acq: 29 Mar 2021 23:00

Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-06

Tgt Ion:264	Resp:	503340
Ion	Ratio	Lower Upper
264	100	
260	22.9	18.6 28.0
265	20.9	17.0 25.6

