

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123465.D
 Acq On : 25 Mar 2021 17:06
 Operator : JU/CG
 Sample : M1777-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 244RE

Quant Time: Mar 25 17:39:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 17:06:59 2021
 Response via : Initial Calibration

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

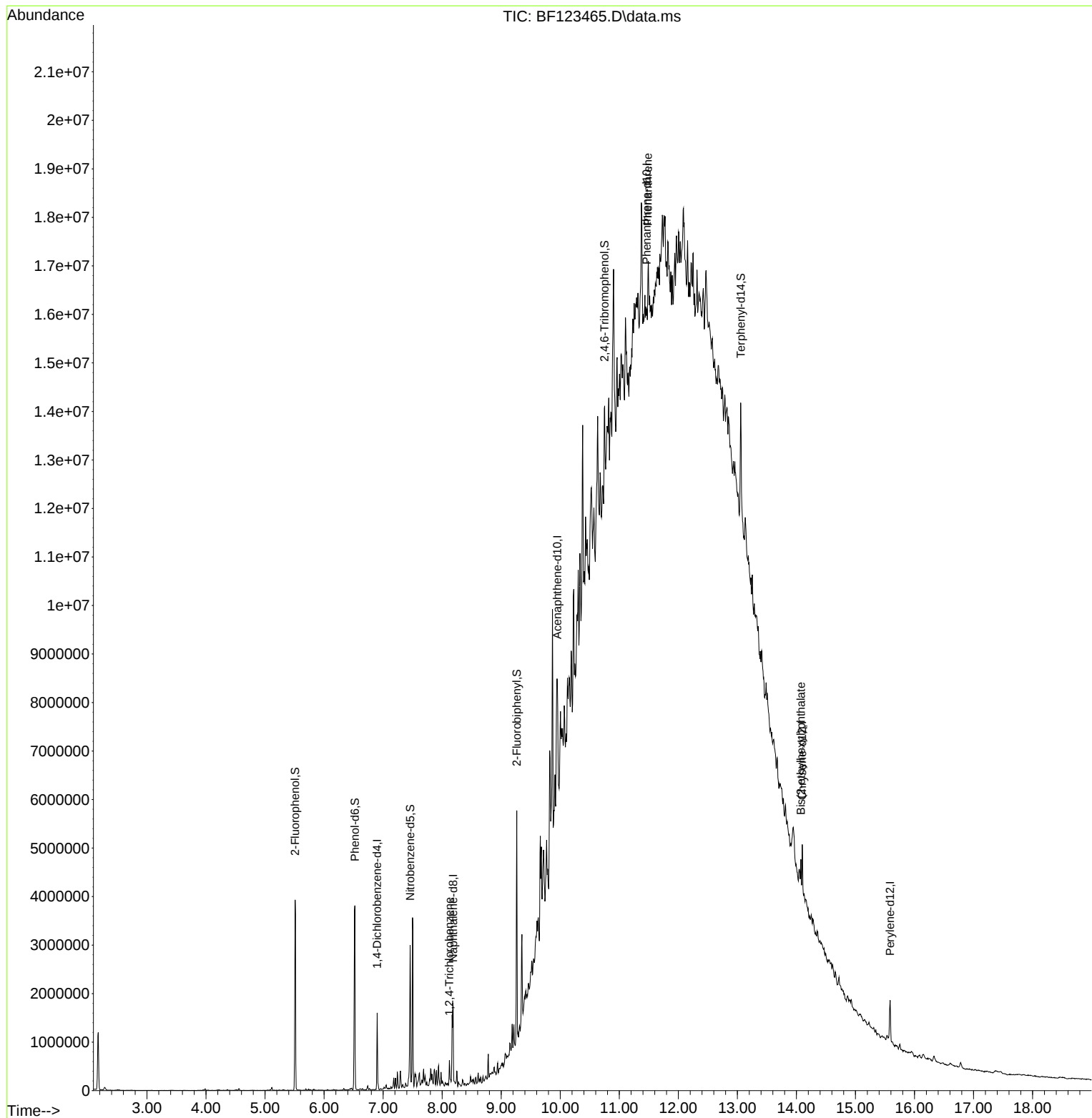
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	197487	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	689192	20.00	ng	# 0.00
39) Acenaphthene-d10	9.951	164	266581	20.00	ng	0.00
64) Phenanthrene-d10	11.463	188	318879	20.00	ng	# 0.03
76) Chrysene-d12	14.098	240	352612	20.00	ng	0.02
86) Perylene-d12	15.586	264	427518	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1007489	83.46	ng	0.00
7) Phenol-d6	6.522	99	1257589	78.26	ng	0.00
23) Nitrobenzene-d5	7.457	82	812123	63.60	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	237716	79.76	ng	0.02
45) 2-Fluorobiphenyl	9.263	172	1307685	70.08	ng	0.00
79) Terphenyl-d14	13.057	244	900691	43.29	ng	0.04
Target Compounds						
30) 1,2,4-Trichlorobenzene	8.122	180	65996	5.49	ng	Qvalue 97
71) Phenanthrene	11.486	178	78448	4.45	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.074	149	148688	10.01	ng	# 95

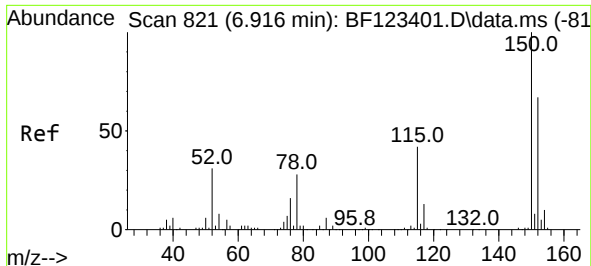
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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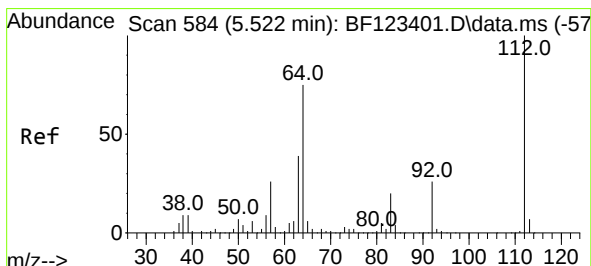
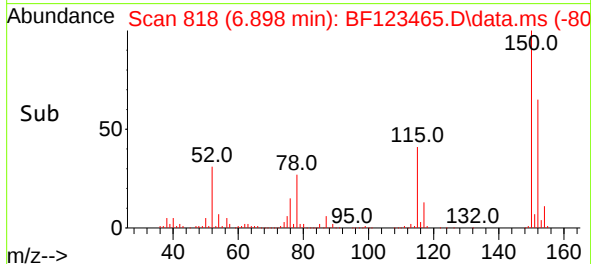
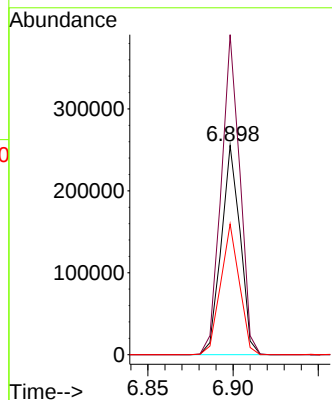
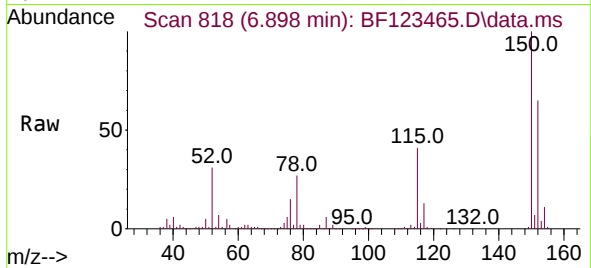




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

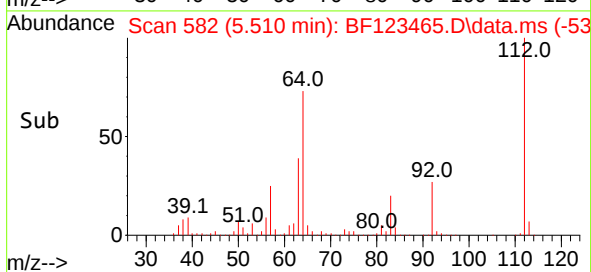
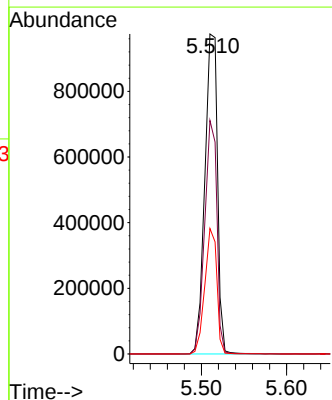
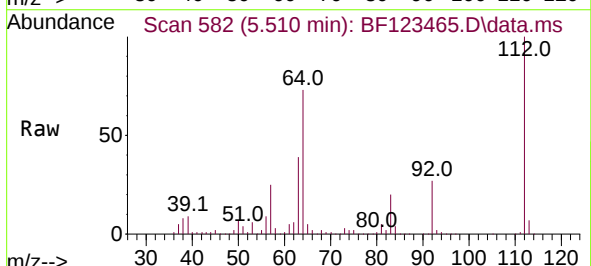
Instrument :
BNA_F
ClientSampleId :
244RE

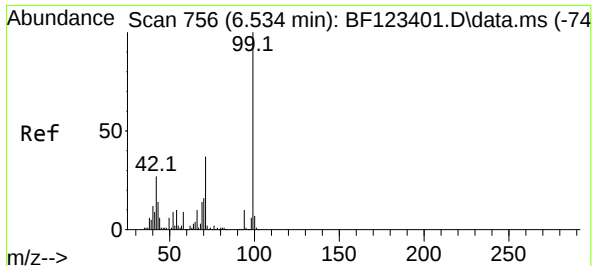
Tgt Ion:152 Resp: 197487
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.6
115 62.5 49.3 73.9



#5
2-Fluorophenol
Concen: 83.46 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:112 Resp: 1007489
Ion Ratio Lower Upper
112 100
64 72.9 46.9 70.3#
63 39.2 24.5 36.7#

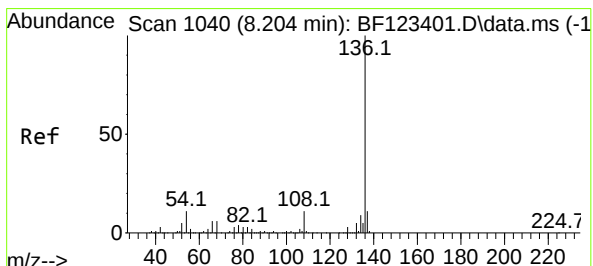
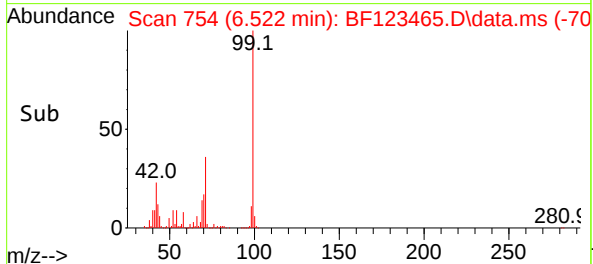
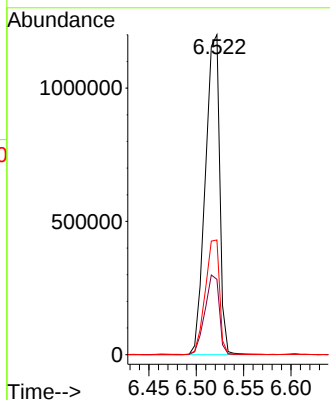
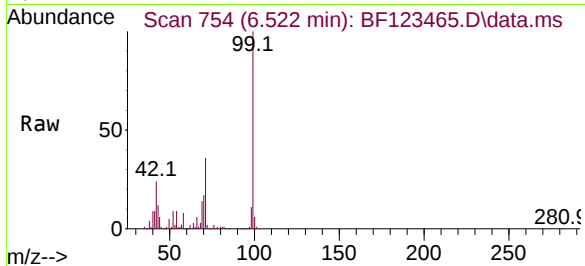




#7
Phenol-d6
Concen: 78.26 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

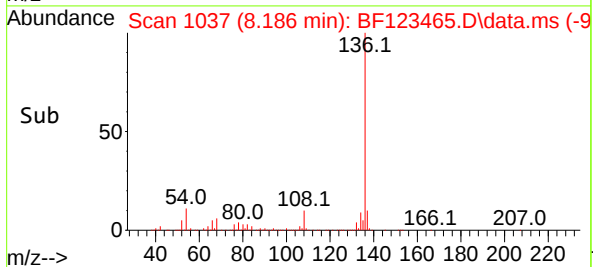
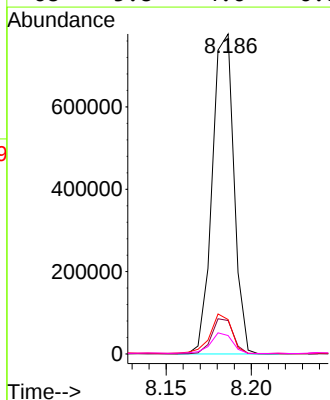
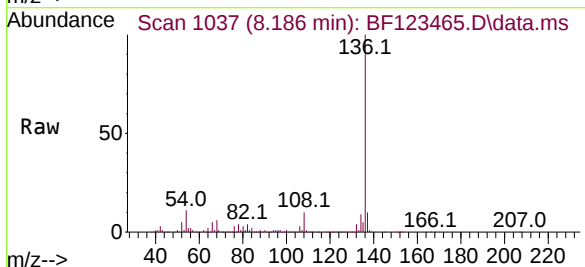
Instrument :
BNA_F
ClientSampleId :
244RE

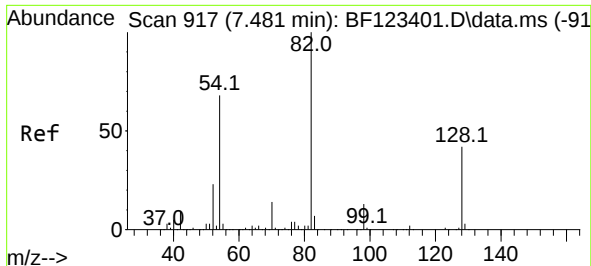
Tgt Ion: 99 Resp: 1257589
Ion Ratio Lower Upper
99 100
42 23.5 13.8 20.6#
71 35.9 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion: 136 Resp: 689192
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.8 5.5 8.3#
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 63.60 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF123465.D

Acq: 25 Mar 2021 17:06

Tgt Ion: 82 Resp: 812123

Ion Ratio Lower Upper

82 100

128 41.3 37.0 55.4

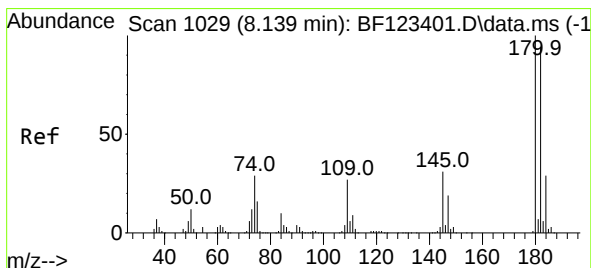
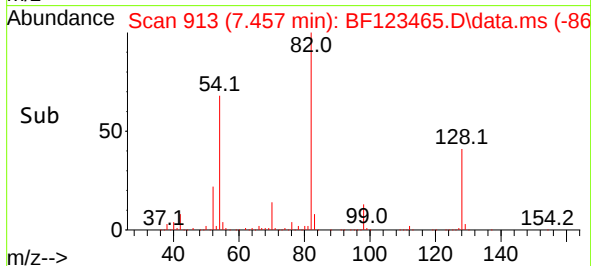
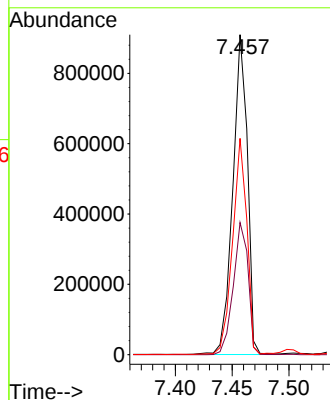
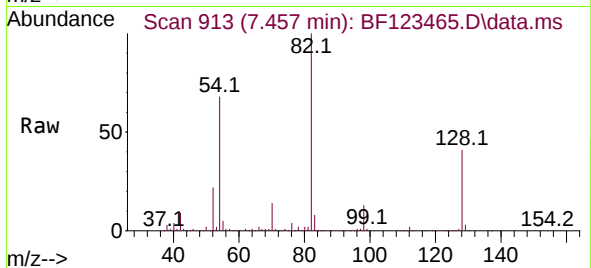
54 67.6 38.4 57.6#

Instrument :

BNA_F

ClientSampleId :

244RE



#30

1,2,4-Trichlorobenzene

Concen: 5.49 ng

RT: 8.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF123465.D

Acq: 25 Mar 2021 17:06

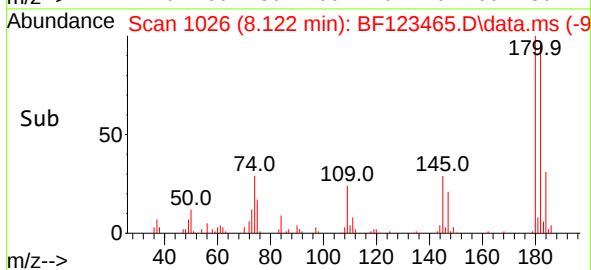
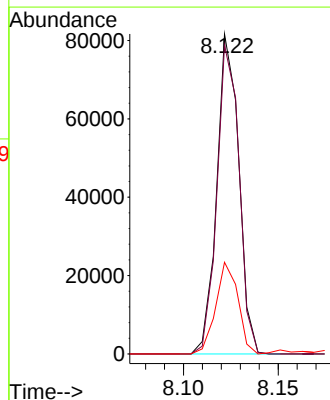
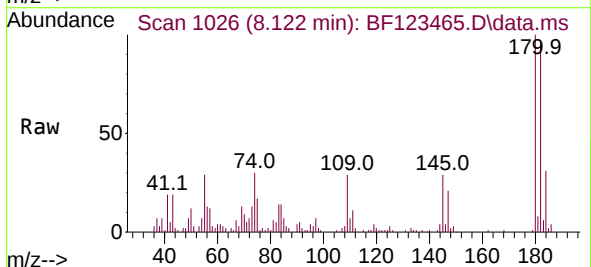
Tgt Ion:180 Resp: 65996

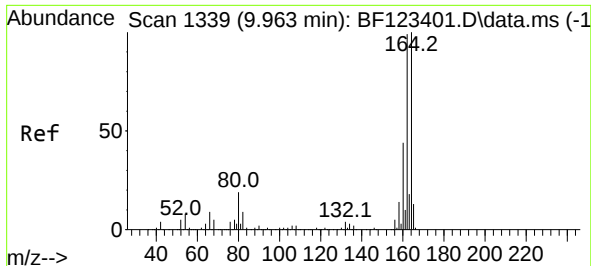
Ion Ratio Lower Upper

180 100

182 96.5 75.7 113.5

145 28.6 25.0 37.4

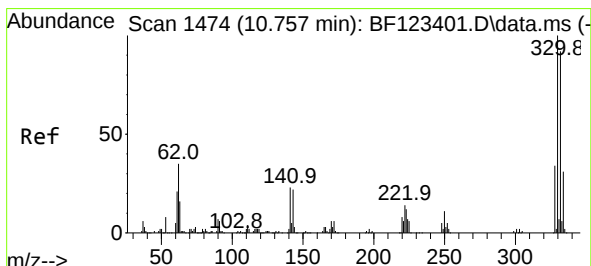
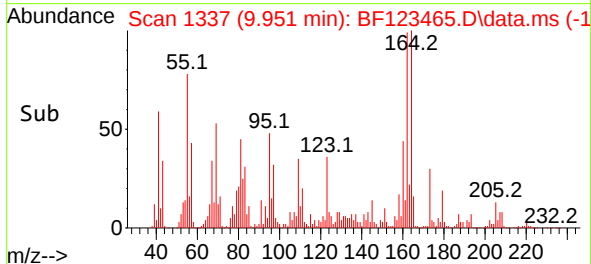
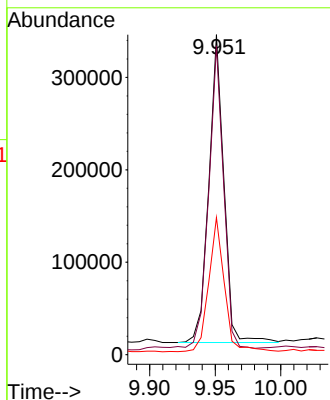
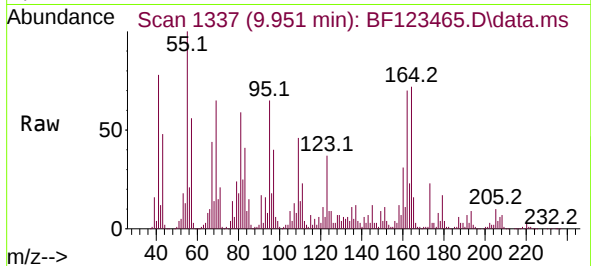




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

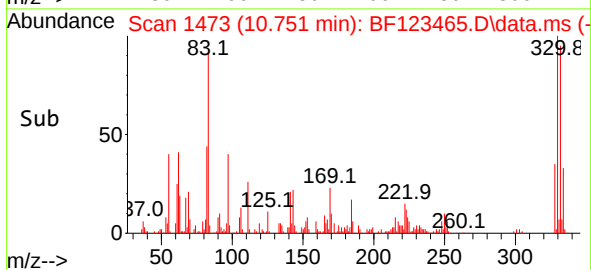
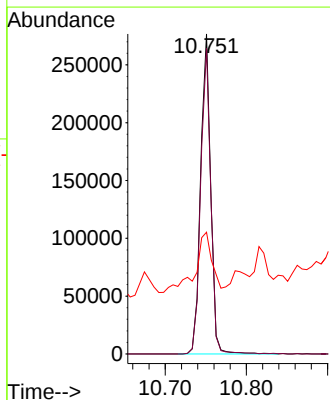
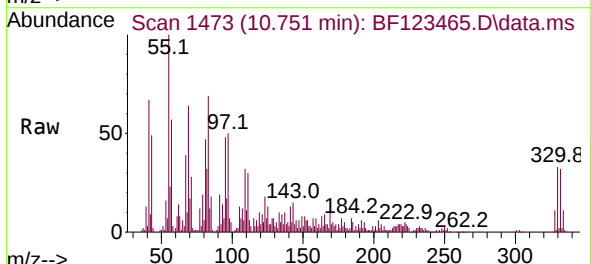
Instrument :
BNA_F
ClientSampleId :
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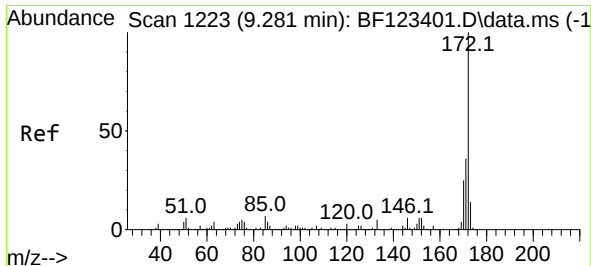
Tgt Ion:164 Resp: 266581
Ion Ratio Lower Upper
164 100
162 96.5 80.8 121.2
160 42.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 79.76 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.017 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:330 Resp: 237716
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 31.6 23.8 35.8

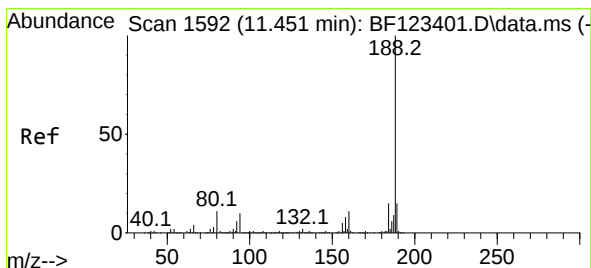
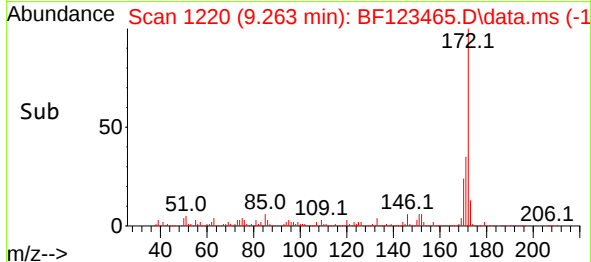
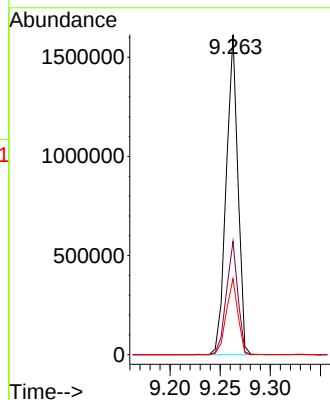
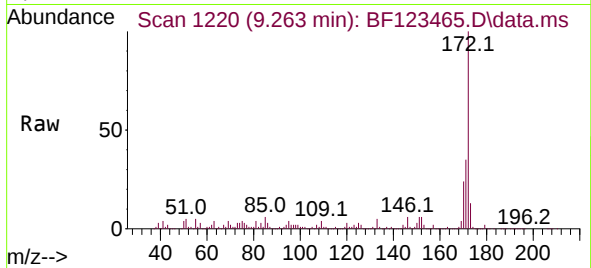




#45
2-Fluorobiphenyl
Concen: 70.08 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

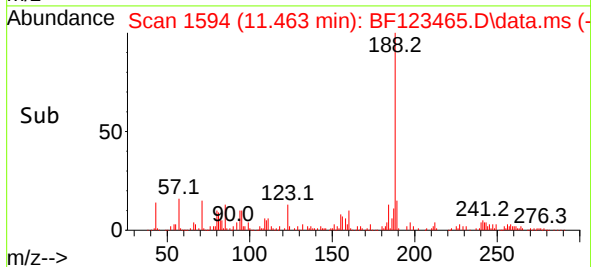
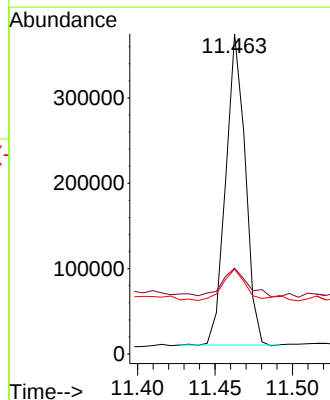
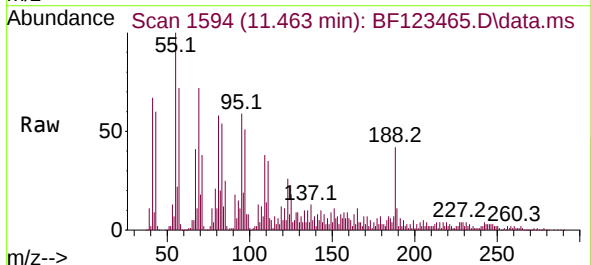
Instrument :
BNA_F
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244RE

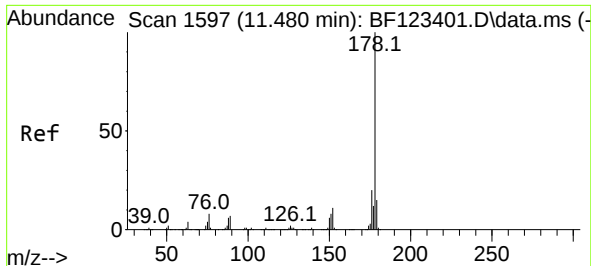
Tgt Ion:172 Resp: 1307685
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.8 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.029 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:188 Resp: 318879
Ion Ratio Lower Upper
188 100
94 26.8 7.4 11.2#
80 26.5 8.2 12.4#

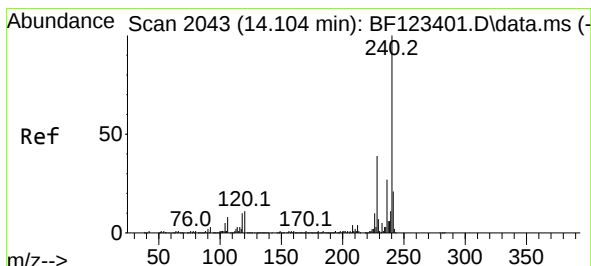
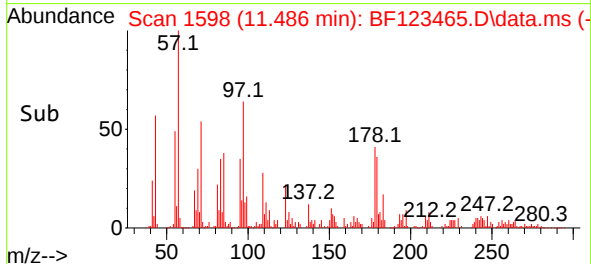
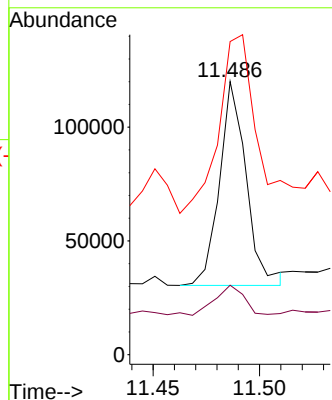
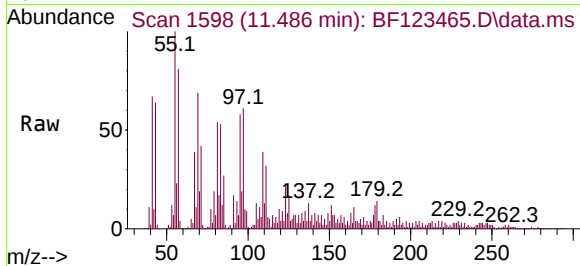




#71
Phenanthrene
Concen: 4.45 ng
RT: 11.486 min Scan# 1598
Delta R.T. 0.023 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

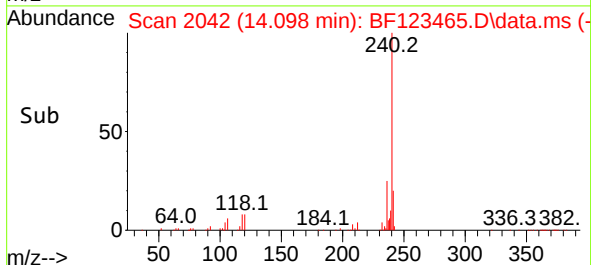
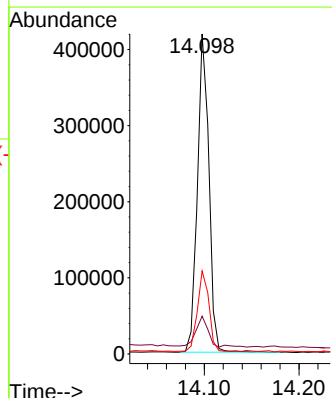
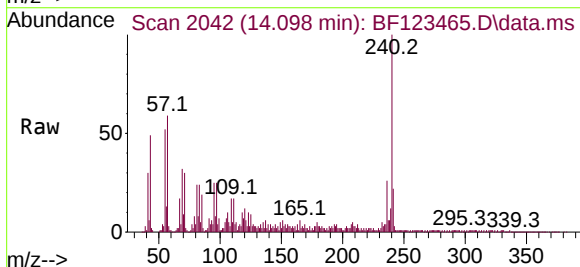
Instrument :
BNA_F
ClientSampled :
244RE

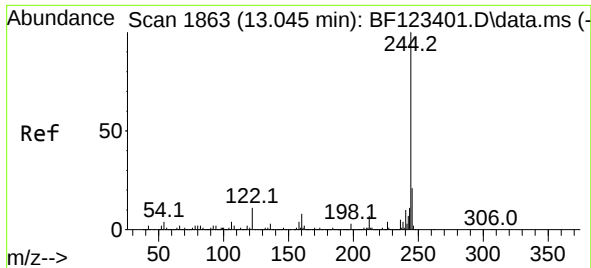
Tgt Ion:178 Resp: 78448
Ion Ratio Lower Upper
178 100
176 25.5 16.2 24.2#
179 114.7 12.7 19.1#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.017 min
Lab File: BF123465.D
Acq: 25 Mar 2021 17:06

Tgt Ion:240 Resp: 352612
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 25.9 20.3 30.5

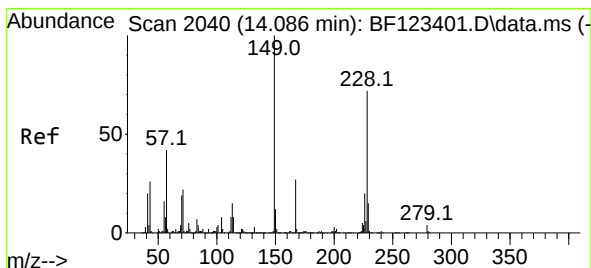
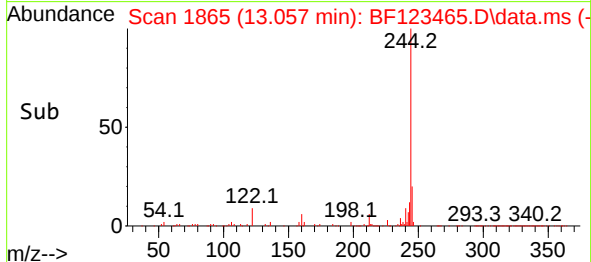
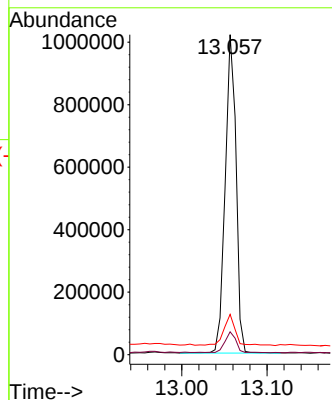
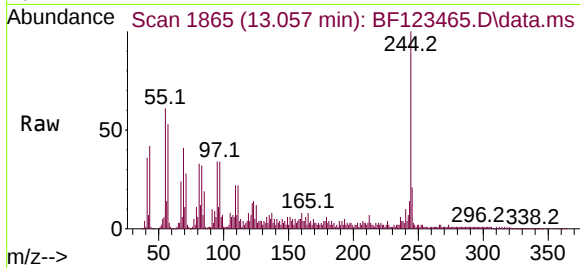




#79
 Terphenyl-d14
 Concen: 43.29 ng
 RT: 13.057 min Scan# 1865
 Delta R.T. 0.035 min
 Lab File: BF123465.D
 Acq: 25 Mar 2021 17:06

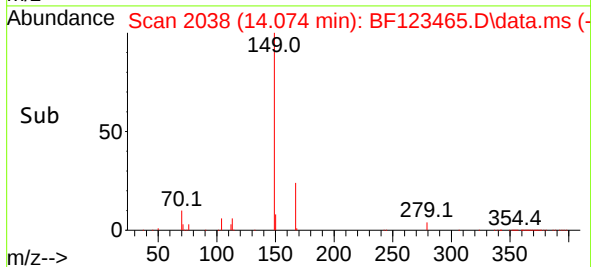
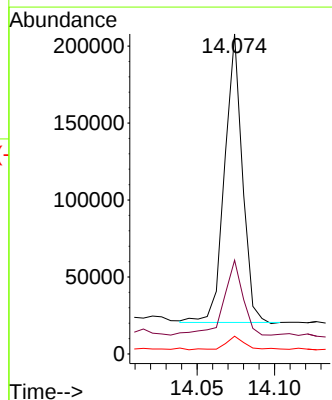
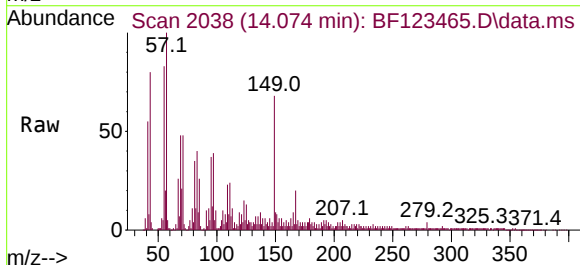
Instrument :
 BNA_F
 ClientSampled :
 244RE

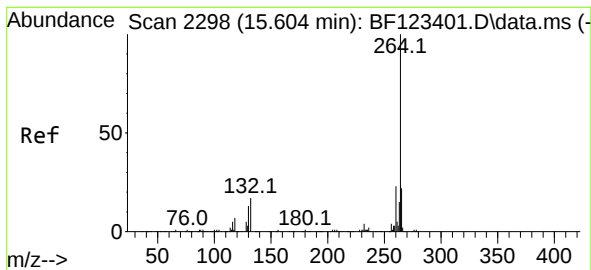
Tgt Ion:244 Resp: 900691
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 12.6 8.3 12.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.01 ng
 RT: 14.074 min Scan# 2038
 Delta R.T. 0.012 min
 Lab File: BF123465.D
 Acq: 25 Mar 2021 17:06

Tgt Ion:149 Resp: 148688
 Ion Ratio Lower Upper
 149 100
 167 29.3 21.4 32.2
 279 5.6 3.4 5.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.586 min Scan# 2295

Delta R.T. 0.012 min

Lab File: BF123465.D

Acq: 25 Mar 2021 17:06

Instrument :

BNA_F

ClientSampleId :

244RE

Tgt Ion:264 Resp: 427518

Ion Ratio Lower Upper

264 100

260 21.9 18.6 28.0

265 22.2 17.0 25.6

