

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124756.D
 Acq On : 24 Jul 2021 19:50
 Operator : JU/CG
 Sample : M3117-06 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NJ-CLEAN-6

Quant Time: Jul 25 04:30:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	7092	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	25464	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	11079	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	15187	20.000	ng	0.00
76) Chrysene-d12	14.033	240	12181	20.000	ng	0.00
86) Perylene-d12	15.509	264	8218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	6778	16.182	ng	0.00
7) Phenol-d6	6.487	99	7996	15.227	ng	-0.01
23) Nitrobenzene-d5	7.428	82	4720	11.032	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	980	10.302	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	9321	12.357	ng	0.00
79) Terphenyl-d14	12.980	244	6560	9.231	ng	0.00

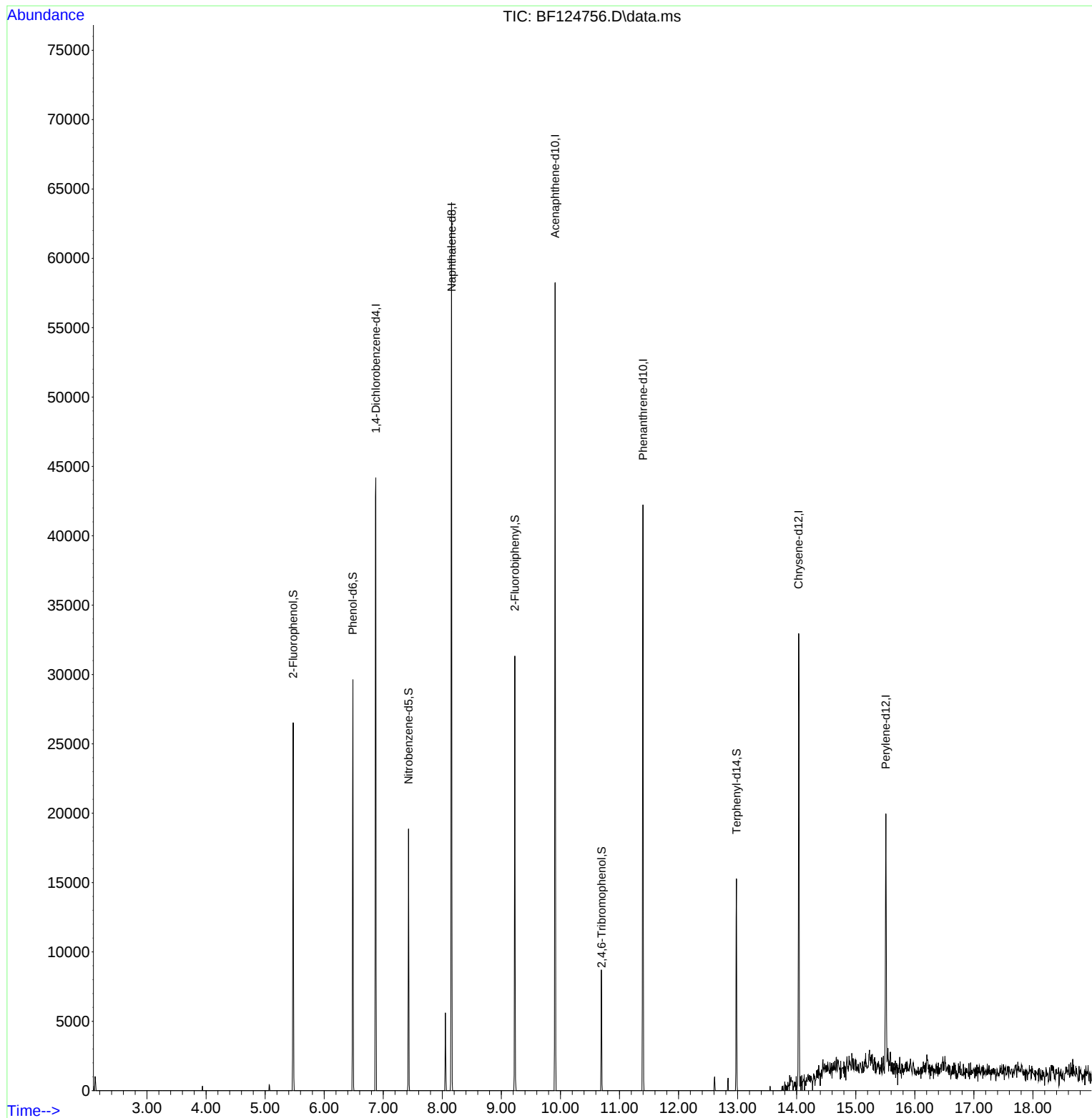
Target Compounds	Qvalue

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

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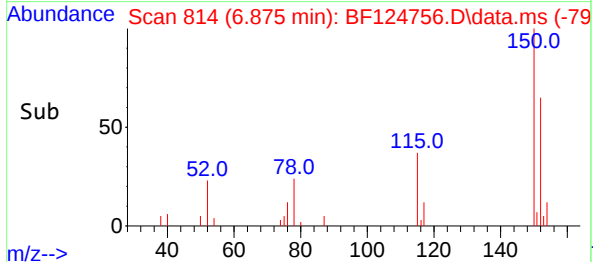
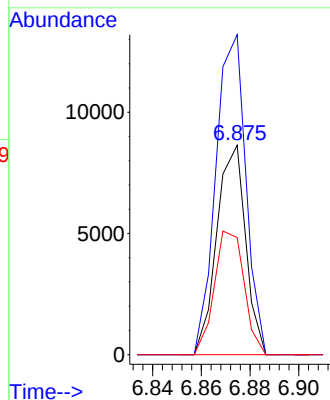
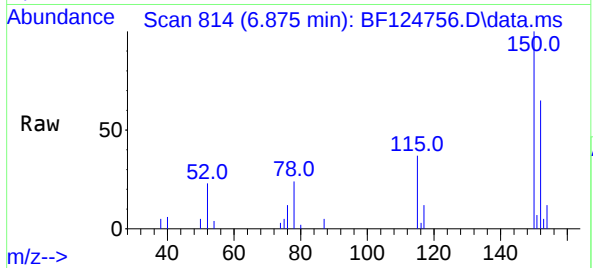




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124756.D
Acq: 24 Jul 2021 19:50

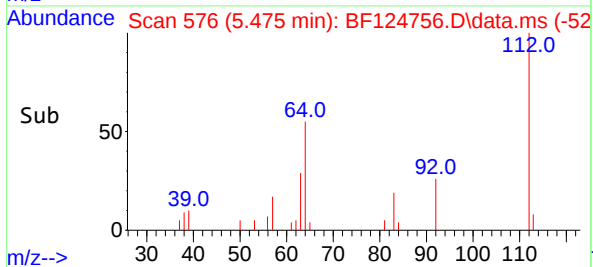
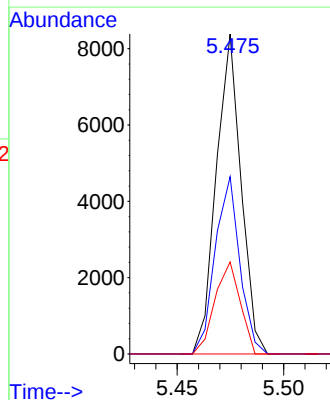
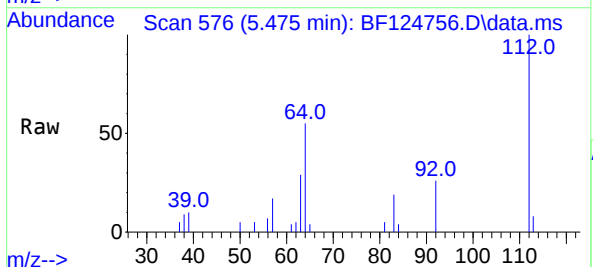
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-6

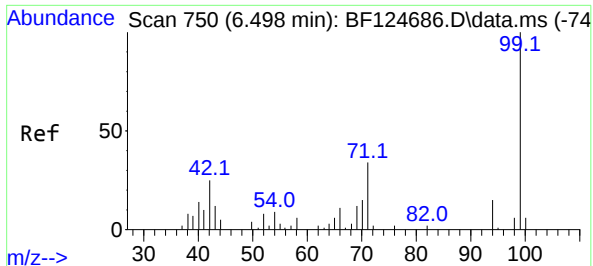
Tgt Ion:152 Resp: 7092
Ion Ratio Lower Upper
152 100
150 152.7 117.6 176.4
115 55.9 47.1 70.7



#5
2-Fluorophenol
Concen: 16.182 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124756.D
Acq: 24 Jul 2021 19:50

Tgt Ion:112 Resp: 6778
Ion Ratio Lower Upper
112 100
64 55.4 44.2 66.2
63 28.7 26.2 39.2

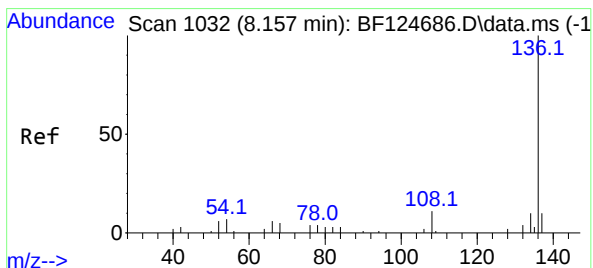
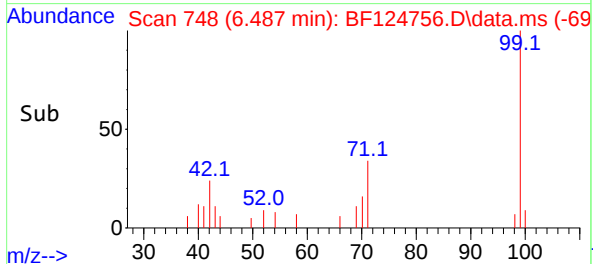
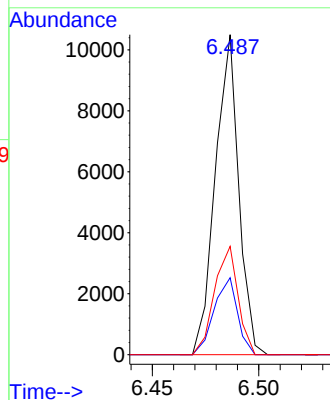
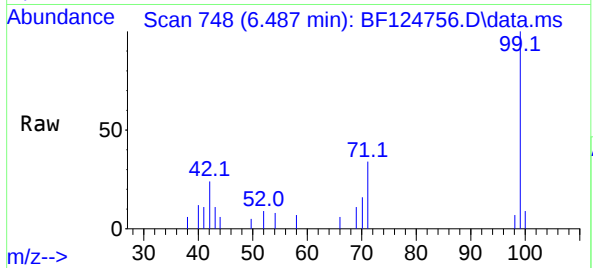




#7
Phenol-d6
Concen: 15.227 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124756.D
Acq: 24 Jul 2021 19:50

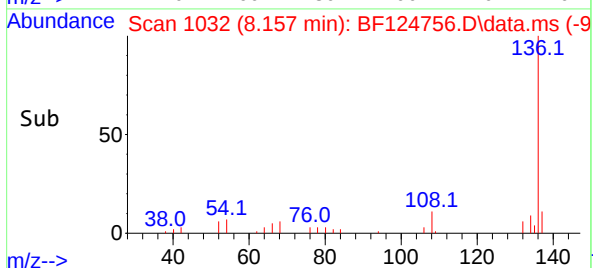
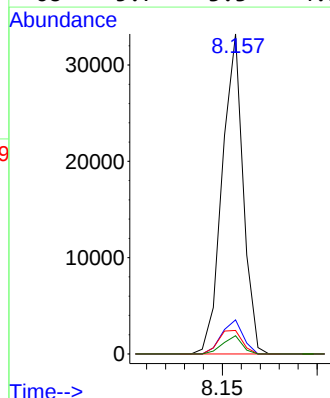
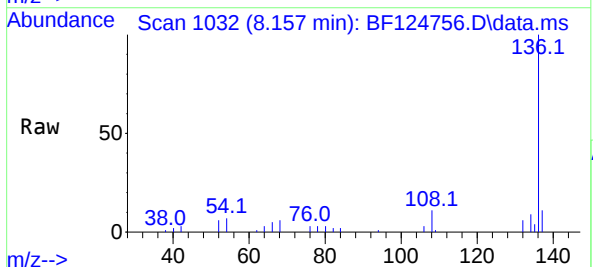
Instrument :
BNA_F
ClientSampled :
NJ-CLEAN-6

Tgt Ion: 99 Resp: 7996
Ion Ratio Lower Upper
99 100
42 24.1 23.5 35.3
71 33.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124756.D
Acq: 24 Jul 2021 19:50

Tgt Ion:136 Resp: 25464
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 7.4 6.4 9.6
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 11.032 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124756.D

Acq: 24 Jul 2021 19:50

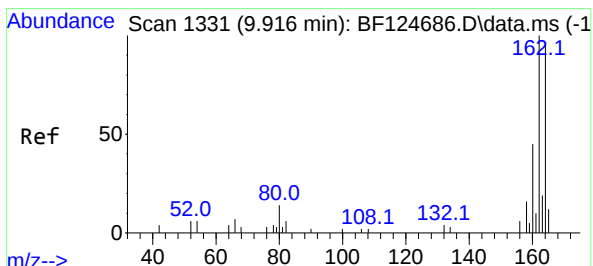
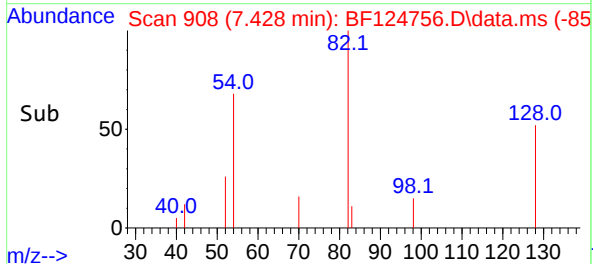
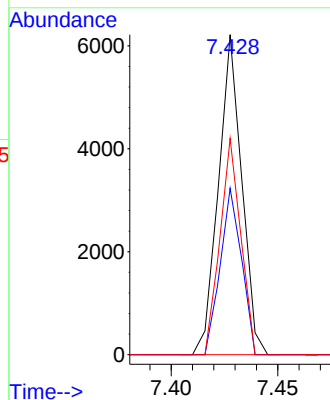
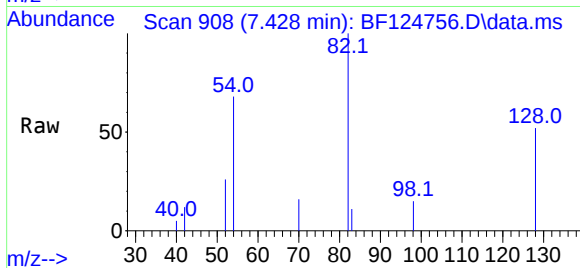
Tgt Ion: 82 Resp: 4720

Ion Ratio Lower Upper

82 100

128 52.0 40.6 60.8

54 67.6 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124756.D

Acq: 24 Jul 2021 19:50

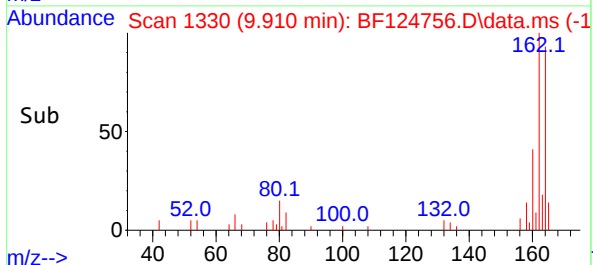
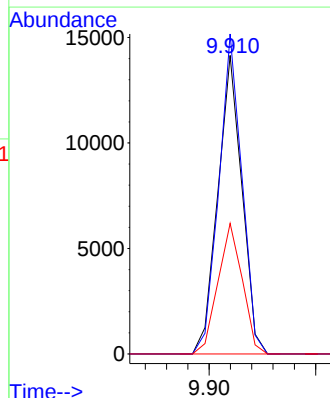
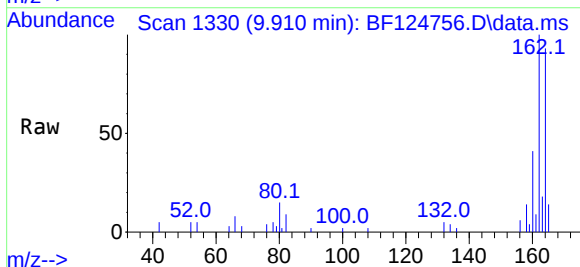
Tgt Ion:164 Resp: 11079

Ion Ratio Lower Upper

164 100

162 107.2 81.3 121.9

160 43.7 38.0 57.0

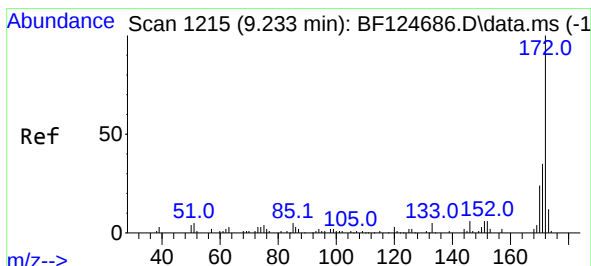
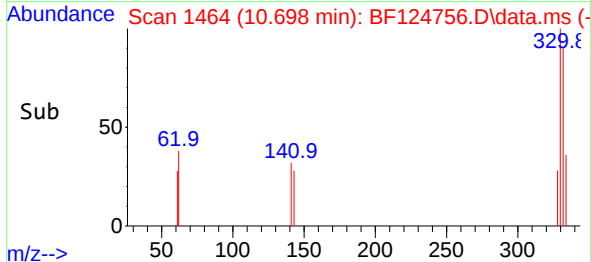
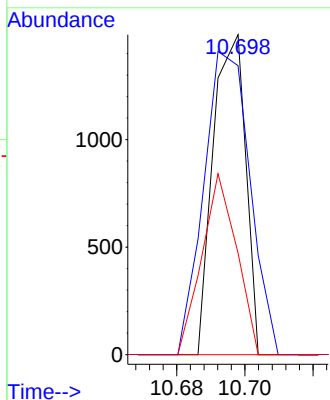
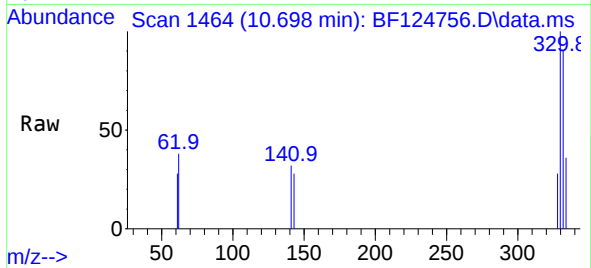




#42
2,4,6-Tribromophenol
Concen: 10.302 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124756.D
Acq: 24 Jul 2021 19:50

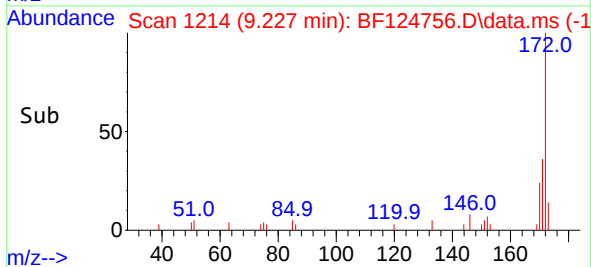
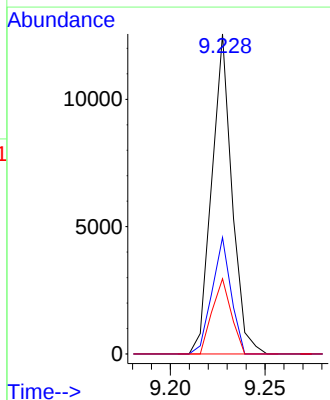
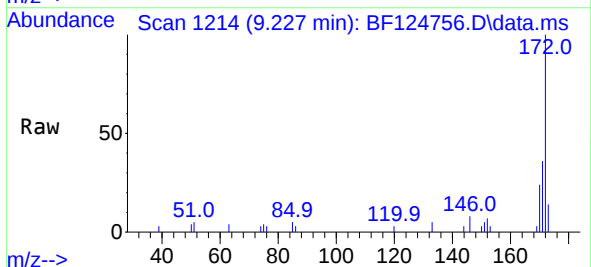
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-6

Tgt Ion:330 Resp: 980
Ion Ratio Lower Upper
330 100
332 135.2 76.2 114.4#
141 60.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 12.357 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124756.D
Acq: 24 Jul 2021 19:50

Tgt Ion:172 Resp: 9321
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 23.5 18.8 28.2

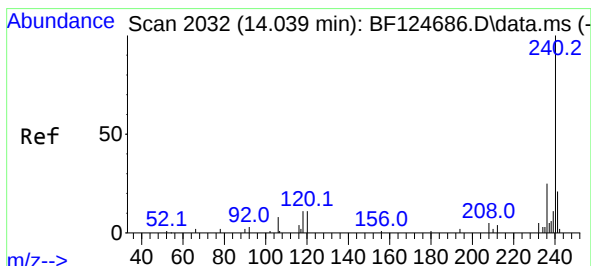
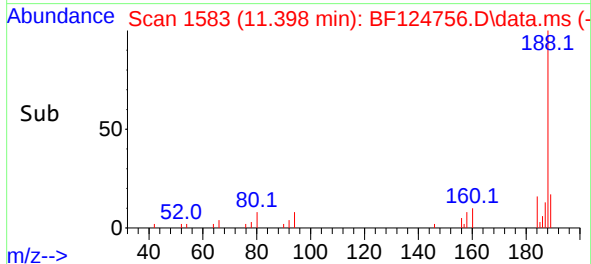
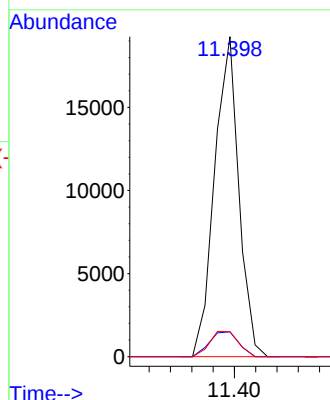
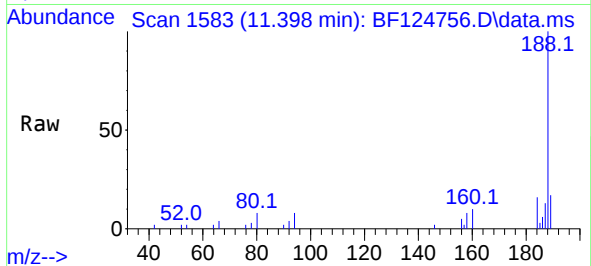




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124756.D
Acq: 24 Jul 2021 19:50

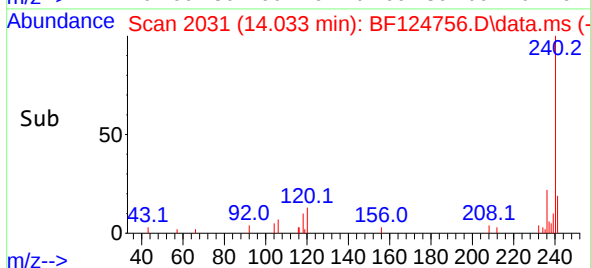
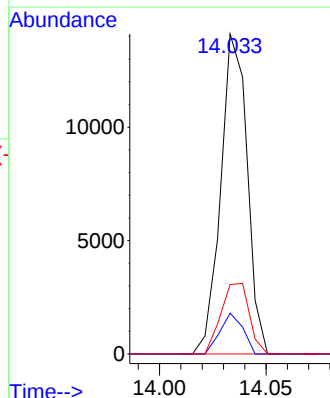
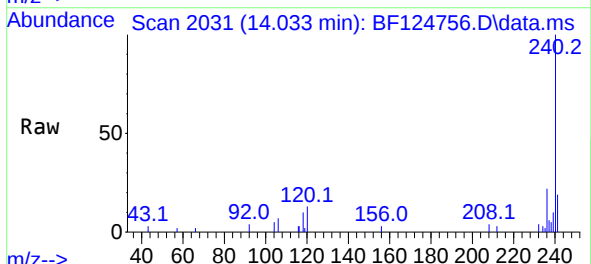
Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-6

Tgt Ion:188	Resp:	15187
Ion Ratio	Lower	Upper
188	100	
94	7.7	6.7 10.1
80	7.8	7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124756.D
Acq: 24 Jul 2021 19:50

Tgt Ion:240	Resp:	12181
Ion Ratio	Lower	Upper
240	100	
120	12.7	10.8 16.2
236	21.7	21.6 32.4

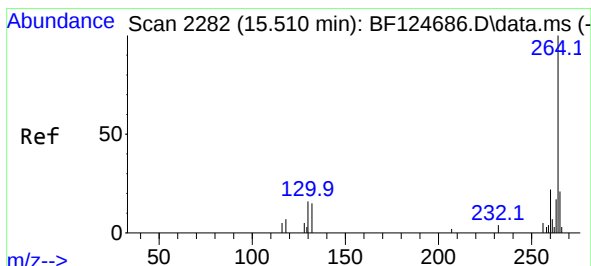
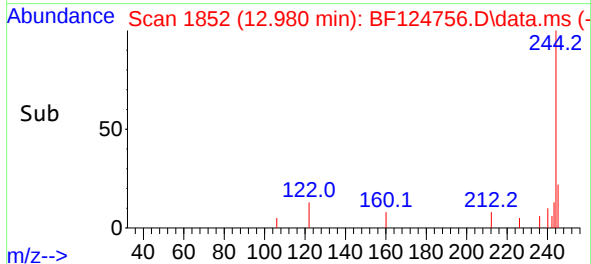
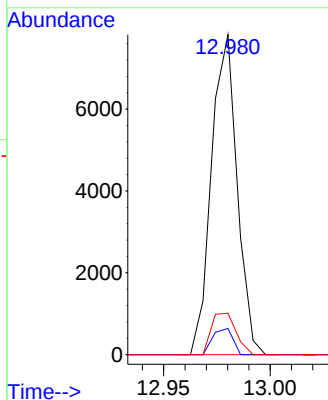
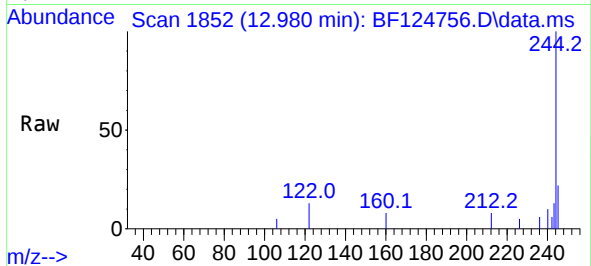




#79
Terphenyl-d14
Concen: 9.231 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124756.D
Acq: 24 Jul 2021 19:50

Instrument :
BNA_F
ClientSampleId :
NJ-CLEAN-6

Tgt Ion:244	Resp:	6560
Ion Ratio	Lower	Upper
244	100	
212	8.2	5.9 8.9
122	13.0	9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124756.D
Acq: 24 Jul 2021 19:50

Tgt Ion:264	Resp:	8218
Ion Ratio	Lower	Upper
264	100	
260	22.1	19.6 29.4
265	23.3	17.2 25.8

