

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124902.D
 Acq On : 2 Aug 2021 12:00
 Operator : JU/CG
 Sample : M3216-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210551-COM-24

Quant Time: Aug 02 12:39:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	5007	20.000	ng	# 0.00
21) Naphthalene-d8	8.134	136	20187	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	10968	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	20447	20.000	ng	0.00
76) Chrysene-d12	14.010	240	14876	20.000	ng	#-0.01
86) Perylene-d12	15.480	264	10737	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	48428	163.763	ng	0.00
7) Phenol-d6	6.487	99	59576	160.699	ng	0.00
23) Nitrobenzene-d5	7.422	82	38556	113.675	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	12122	128.723	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	73879	98.933	ng	0.00
79) Terphenyl-d14	12.963	244	79519	91.629	ng	0.00

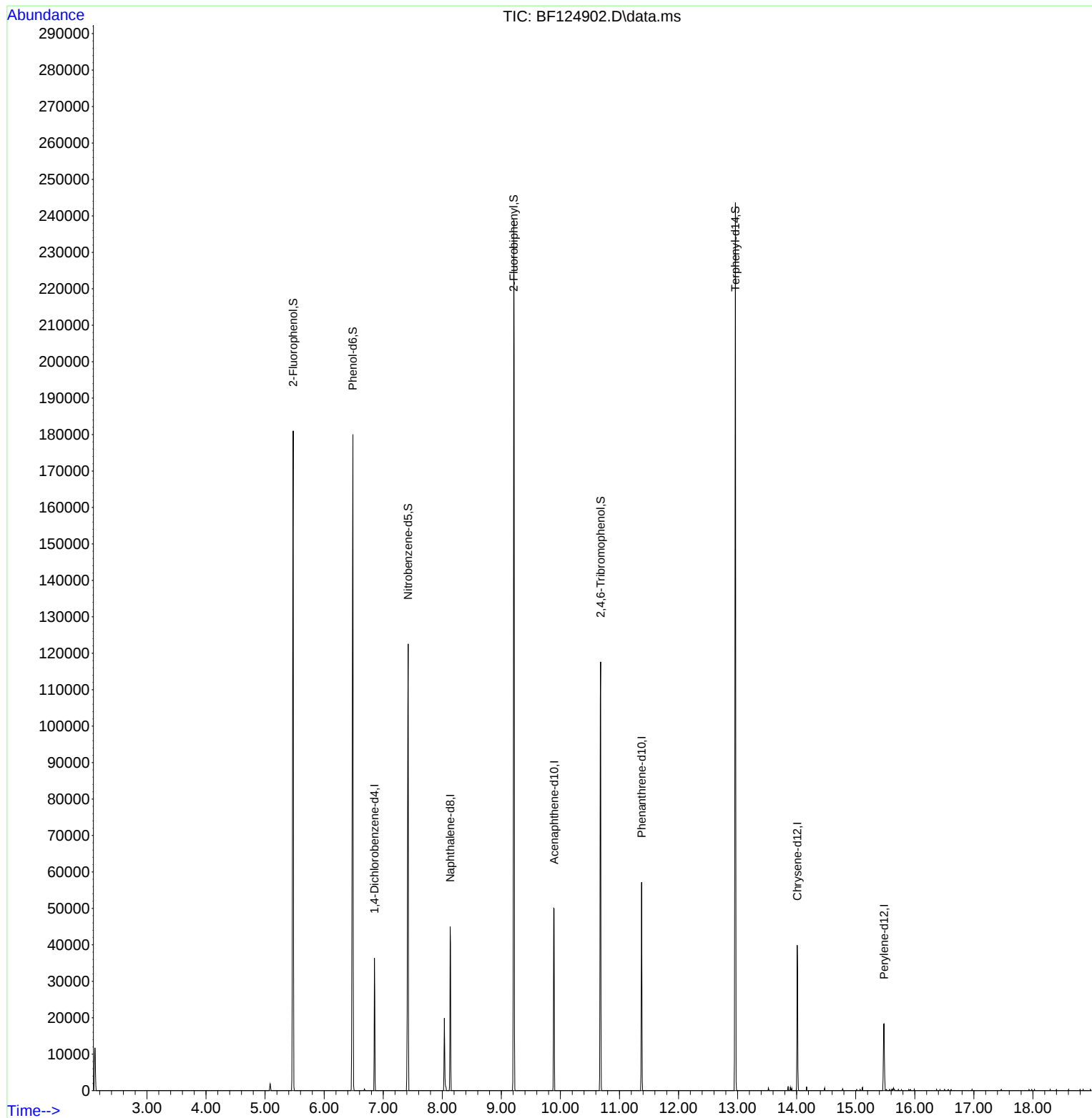
Target Compounds	Qvalue

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

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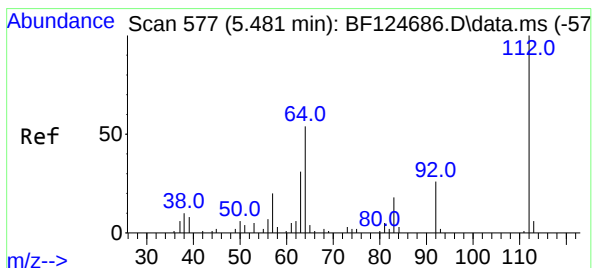
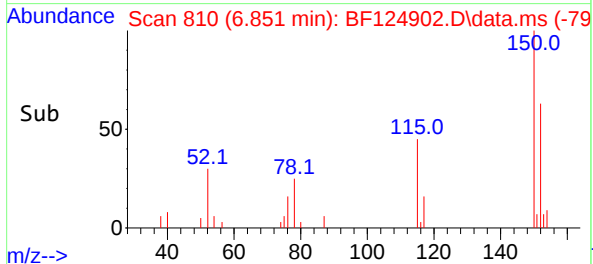
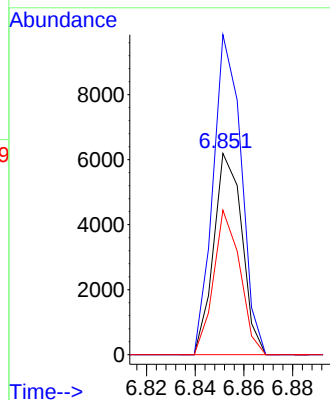
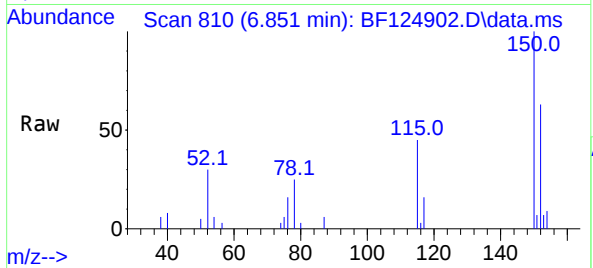




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

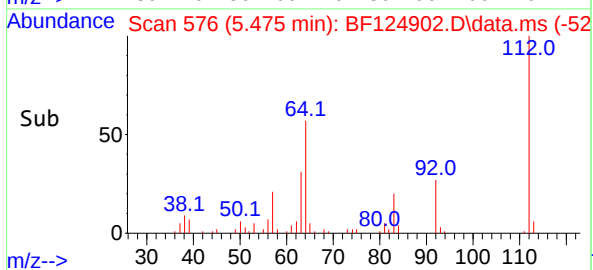
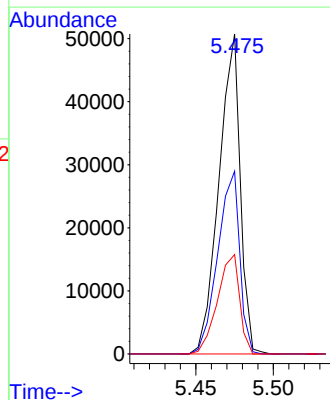
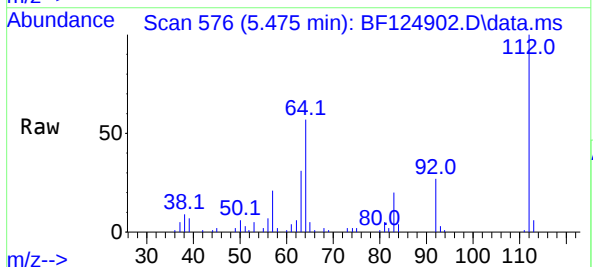
Instrument :
BNA_F
ClientSampleId :
20210551-COM-24

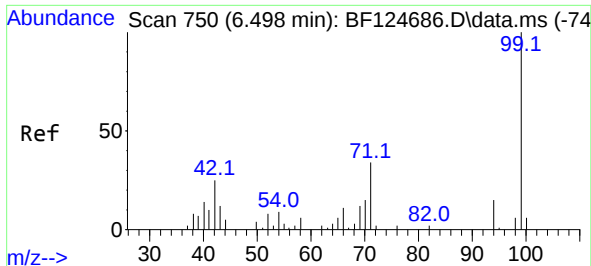
Tgt Ion:152 Resp: 5007
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 71.8 47.1 70.7#



#5
2-Fluorophenol
Concen: 163.763 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion:112 Resp: 48428
Ion Ratio Lower Upper
112 100
64 57.1 44.2 66.2
63 31.0 26.2 39.2

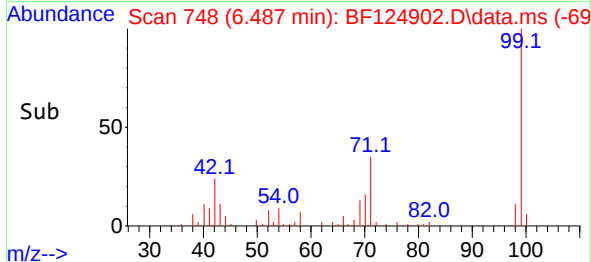
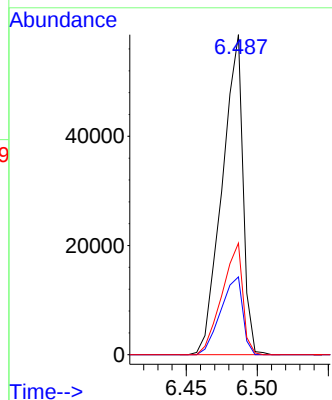
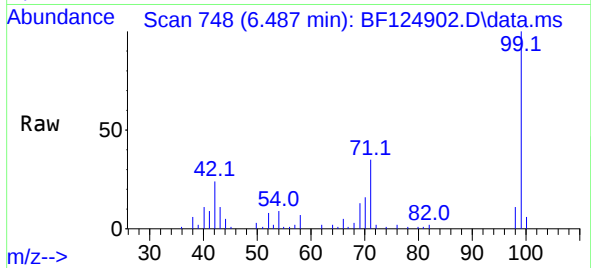




#7
Phenol-d6
Concen: 160.699 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

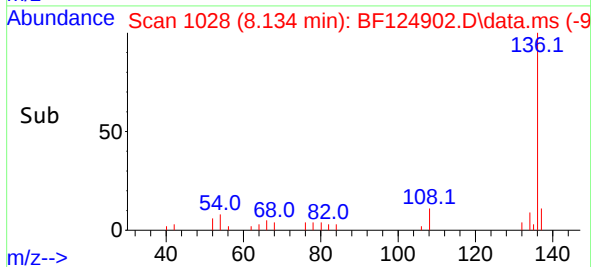
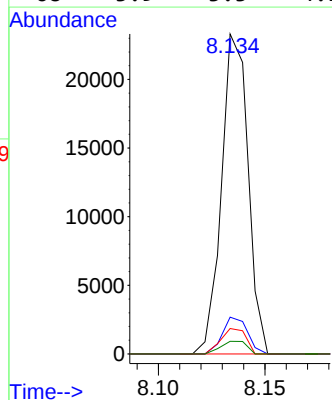
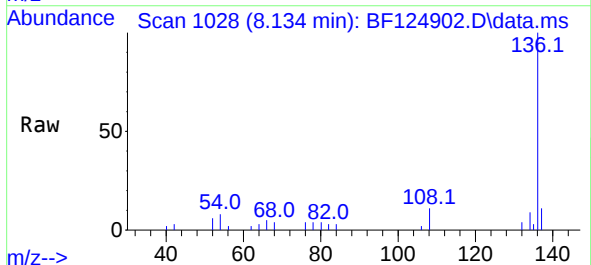
Instrument :
BNA_F
ClientSampleId :
20210551-COM-24

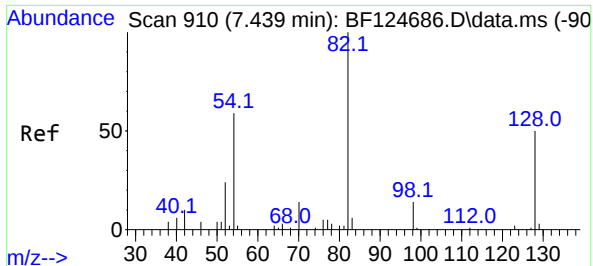
Tgt Ion: 99 Resp: 59576
Ion Ratio Lower Upper
99 100
42 24.3 23.5 35.3
71 34.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion: 136 Resp: 20187
Ion Ratio Lower Upper
136 100
137 11.5 9.8 14.6
54 8.0 6.4 9.6
68 3.9 3.3 4.9





#23

Nitrobenzene-d5

Concen: 113.675 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF124902.D

Acq: 2 Aug 2021 12:00

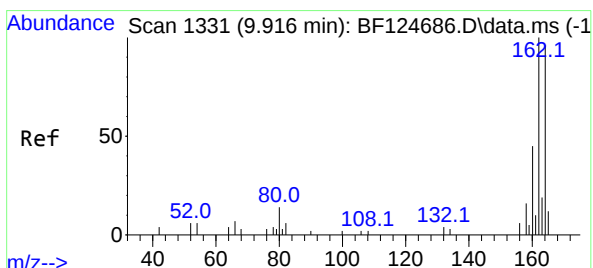
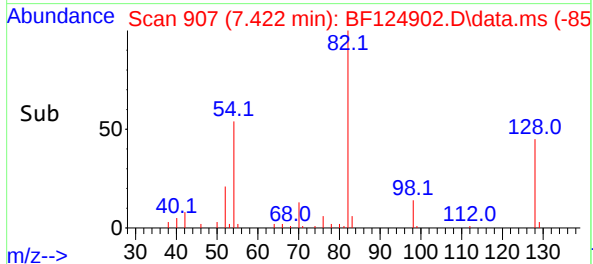
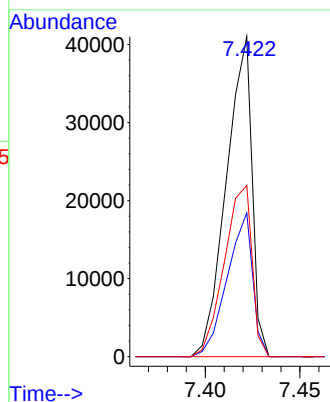
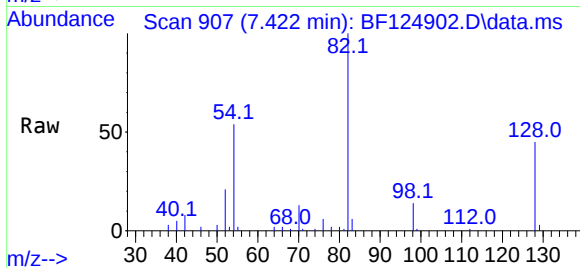
Tgt Ion: 82 Resp: 38556

Ion Ratio Lower Upper

82 100

128 45.0 40.6 60.8

54 53.6 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF124902.D

Acq: 2 Aug 2021 12:00

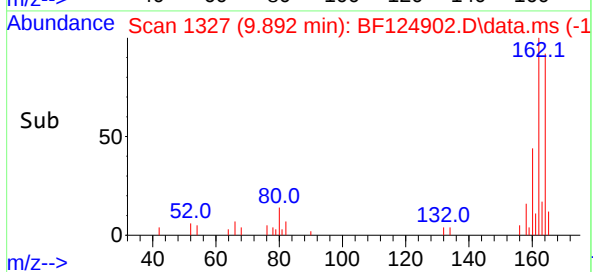
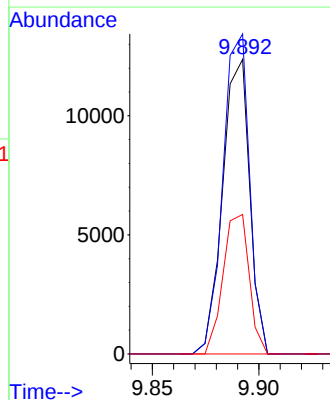
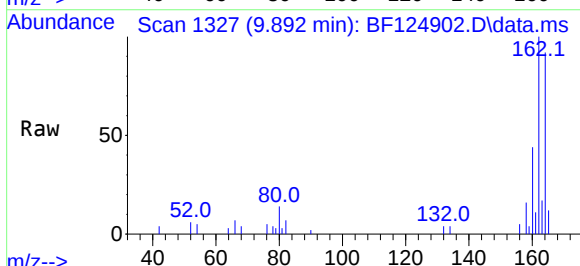
Tgt Ion:164 Resp: 10968

Ion Ratio Lower Upper

164 100

162 108.6 81.3 121.9

160 47.3 38.0 57.0

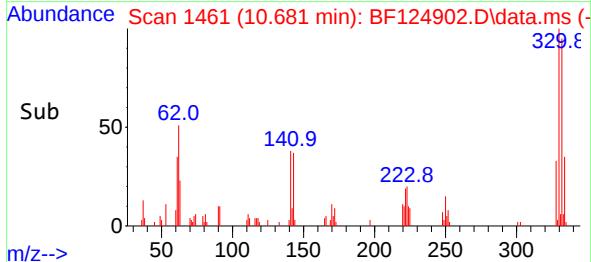
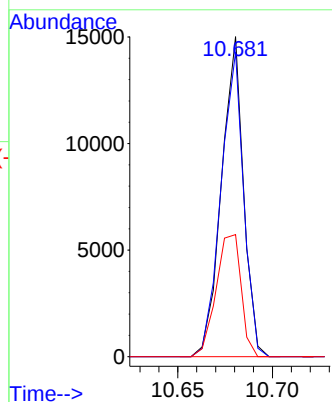
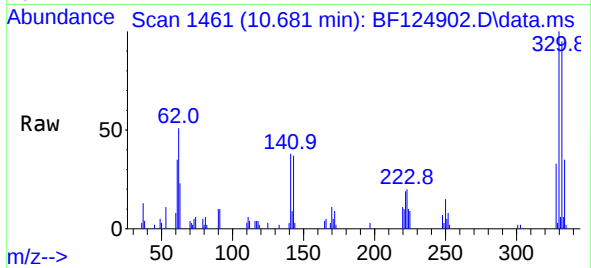




#42
2,4,6-Tribromophenol
Concen: 128.723 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

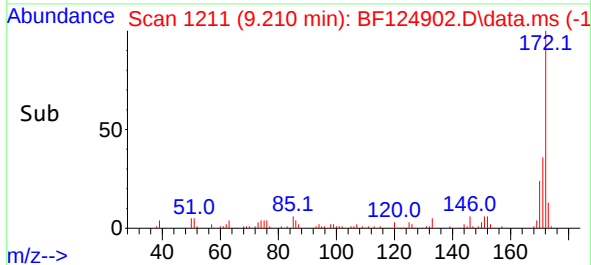
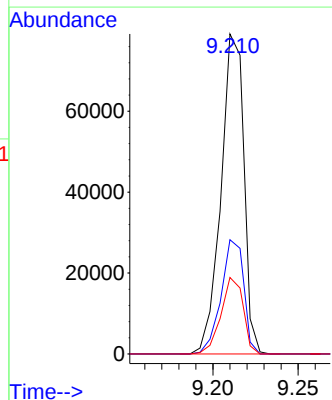
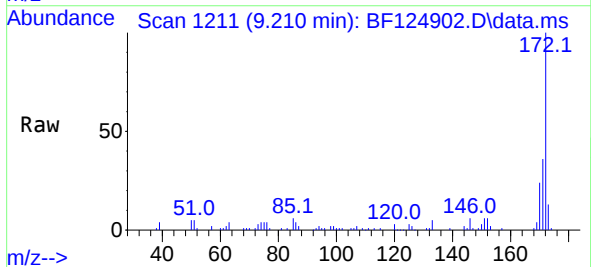
Instrument :
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20210551-COM-24

Tgt Ion:330 Resp: 12122
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 43.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 98.933 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion:172 Resp: 73879
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.9 18.8 28.2



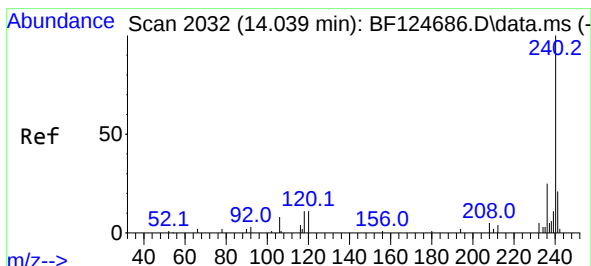
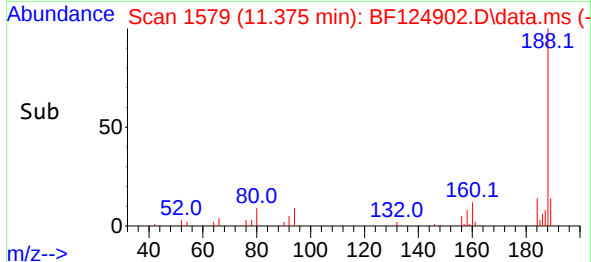
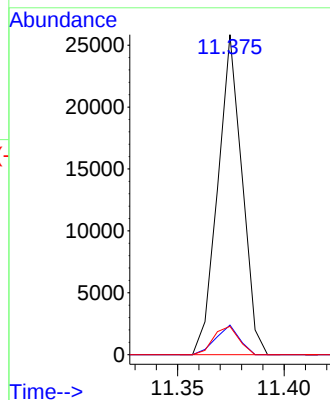
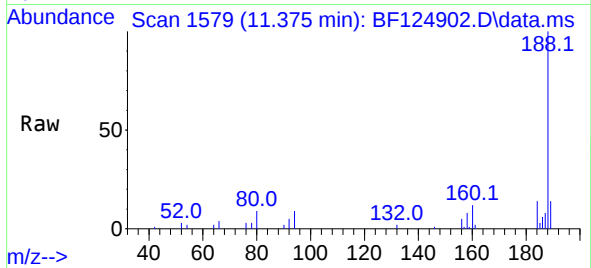


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Instrument :
BNA_F
ClientSampleId :
20210551-COM-24

Tgt Ion:188 Resp: 20447

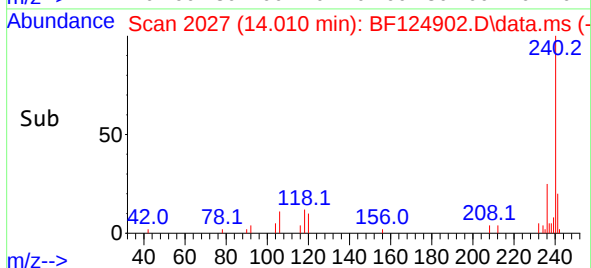
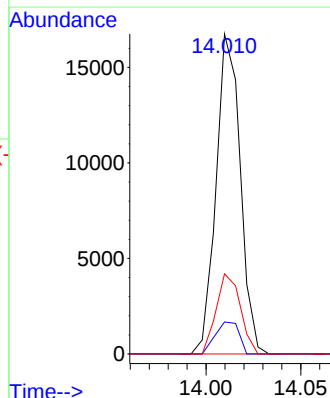
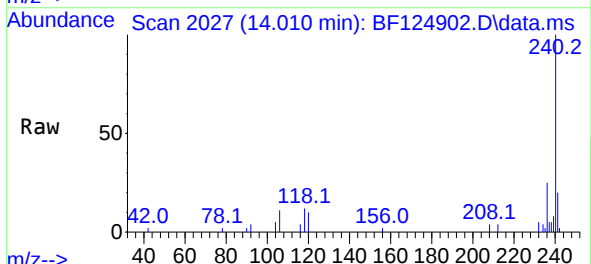
Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.7	10.1
80	8.8	7.5	11.3

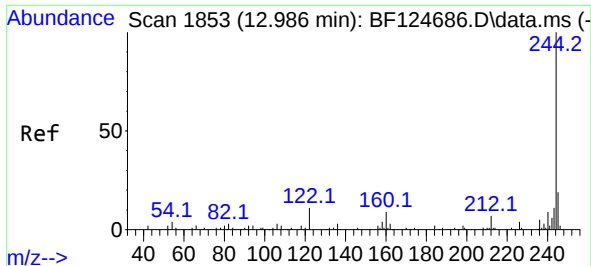


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion:240 Resp: 14876

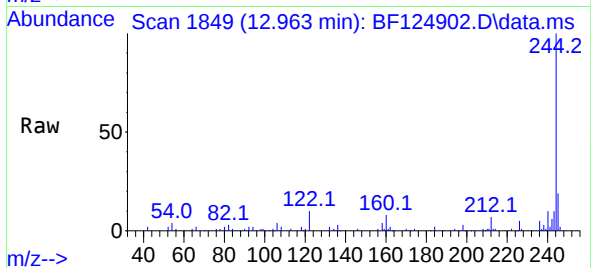
Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.8	16.2#
236	25.1	21.6	32.4



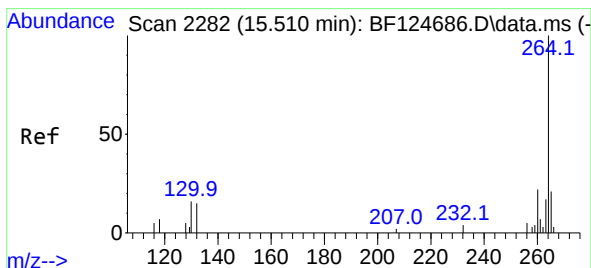
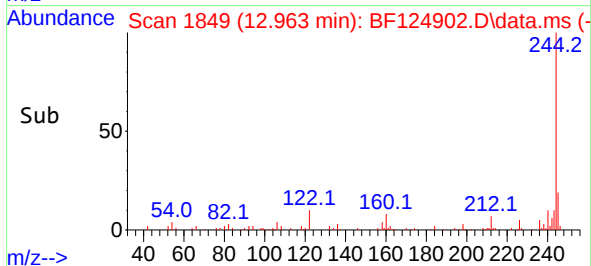
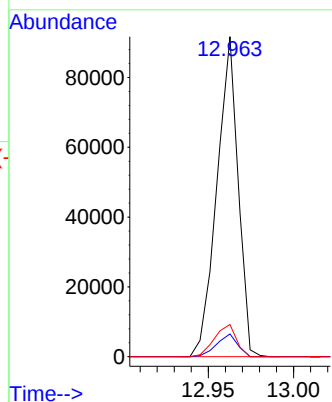


#79
Terphenyl-d14
Concen: 91.629 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 79519
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF124902.D
Acq: 2 Aug 2021 12:00

Tgt Ion:264 Resp: 10737
Ion Ratio Lower Upper
264 100
260 19.5 19.6 29.4#
265 17.1 17.2 25.8#

