

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124163.D
 Acq On : 7 Jun 2021 18:36
 Operator : JU/CG
 Sample : M2616-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSS-SOIL-PILE

Quant Time: Jun 08 01:30:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	35431	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	139321	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	82628	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	144220	20.000	ng	0.00
76) Chrysene-d12	14.027	240	98579	20.000	ng	0.00
86) Perylene-d12	15.510	264	92682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	262409	111.489	ng	0.00
7) Phenol-d6	6.510	99	335923	106.180	ng	0.00
23) Nitrobenzene-d5	7.422	82	265499	75.581	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	96358	82.312	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	490503	74.700	ng	0.00
79) Terphenyl-d14	12.974	244	477723	66.535	ng	0.00

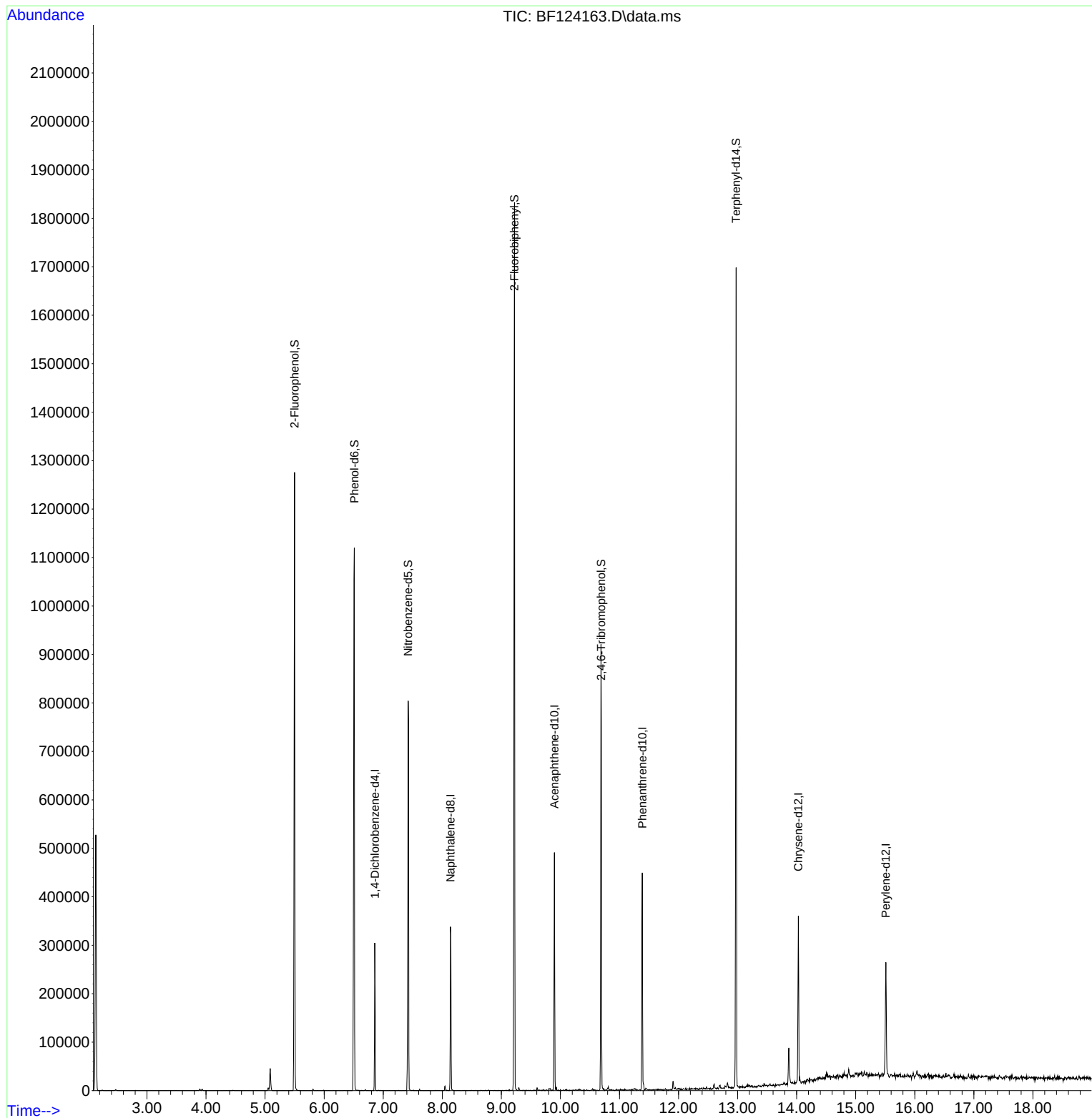
Target Compounds	Qvalue

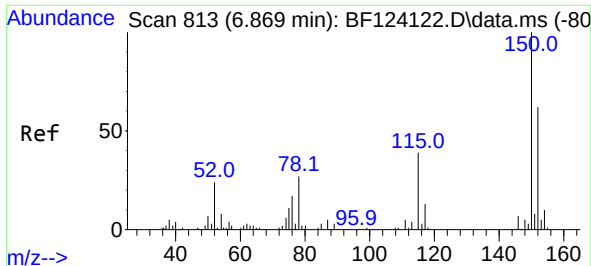
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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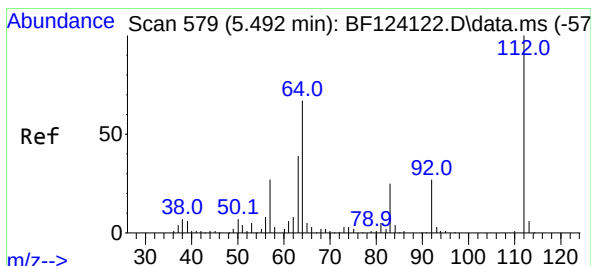
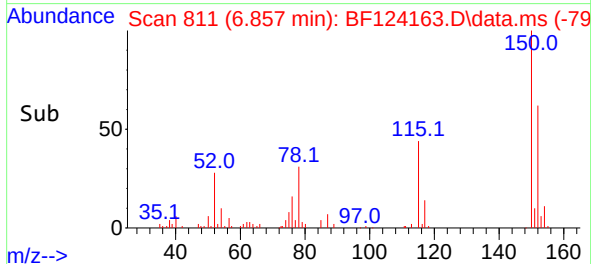
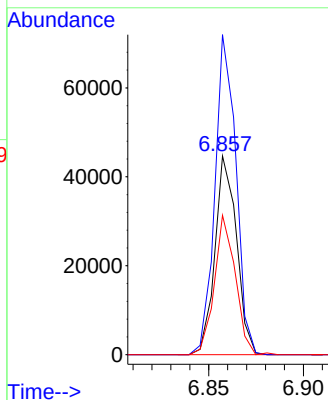
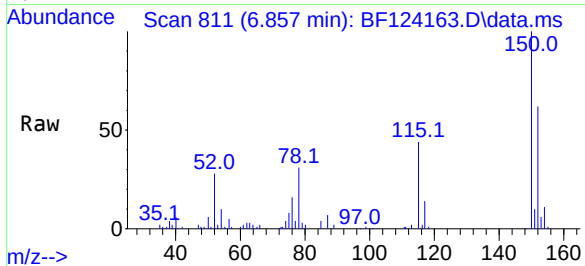




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124163.D
Acq: 7 Jun 2021 18:36

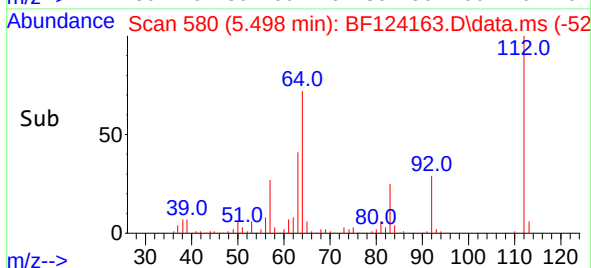
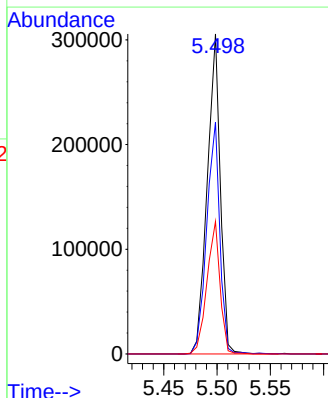
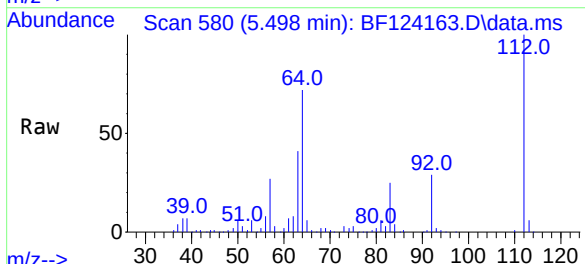
Instrument :
BNA_F
ClientSampleId :
BSS-SOIL-PILE

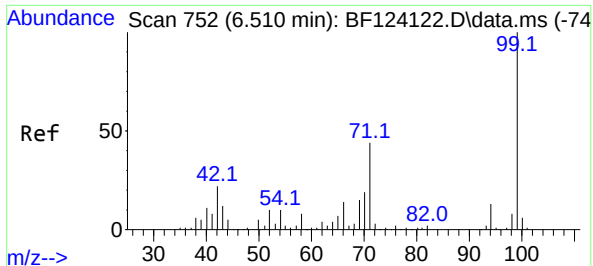
Tgt Ion:152 Resp: 35431
Ion Ratio Lower Upper
152 100
150 161.0 127.0 190.6
115 70.1 54.3 81.5



#5
2-Fluorophenol
Concen: 111.489 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124163.D
Acq: 7 Jun 2021 18:36

Tgt Ion:112 Resp: 262409
Ion Ratio Lower Upper
112 100
64 72.4 61.4 92.0
63 41.4 33.0 49.4

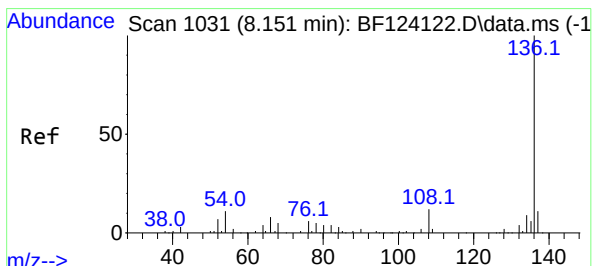
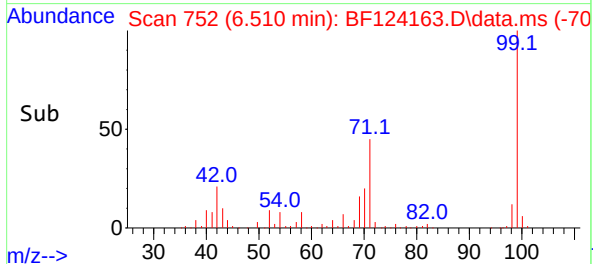
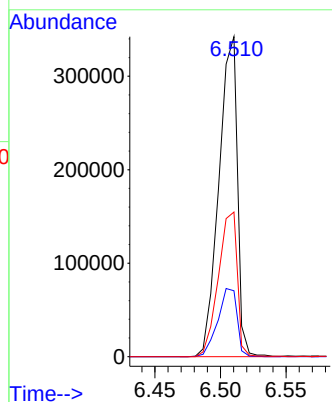
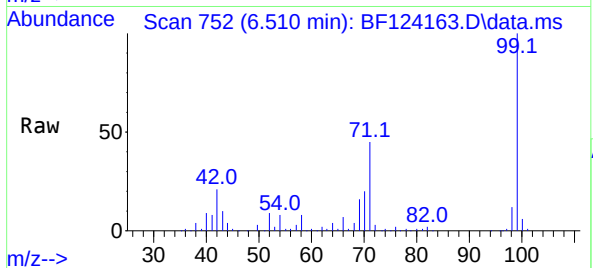




#7
Phenol-d6
Concen: 106.180 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF124163.D
Acq: 7 Jun 2021 18:36

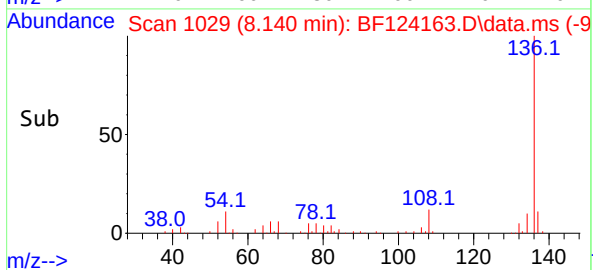
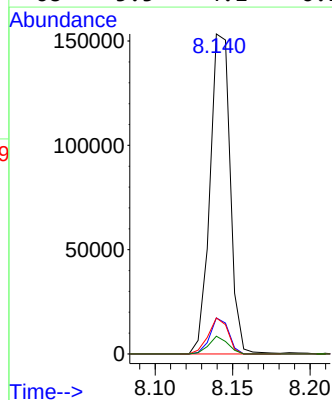
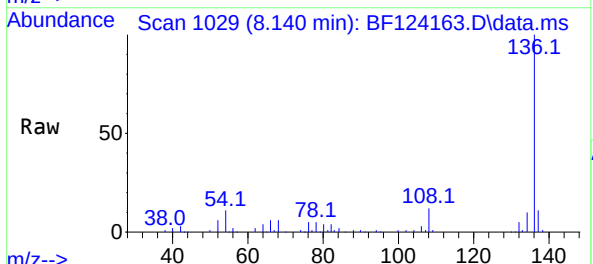
Instrument :
BNA_F
ClientSampleId :
BSS-SOIL-PILE

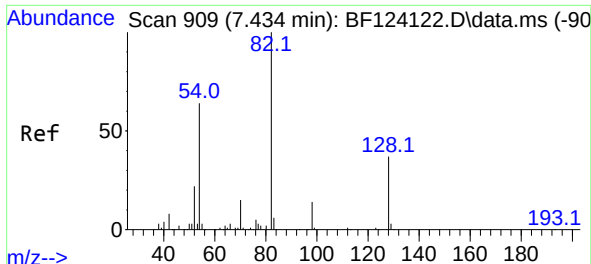
Tgt Ion: 99 Resp: 335923
Ion Ratio Lower Upper
99 100
42 20.6 19.8 29.8
71 45.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124163.D
Acq: 7 Jun 2021 18:36

Tgt Ion: 136 Resp: 139321
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 11.3 9.8 14.6
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 75.581 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF124163.D

Acq: 7 Jun 2021 18:36

Instrument :

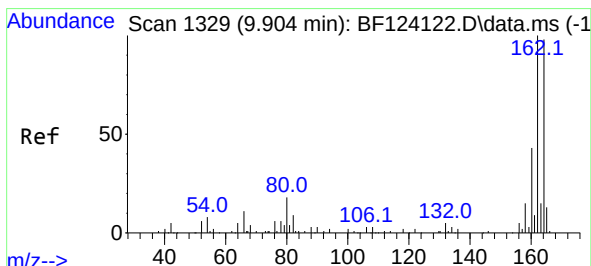
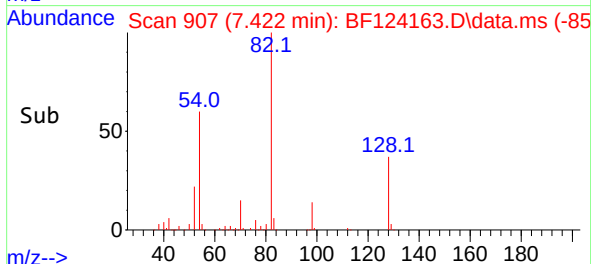
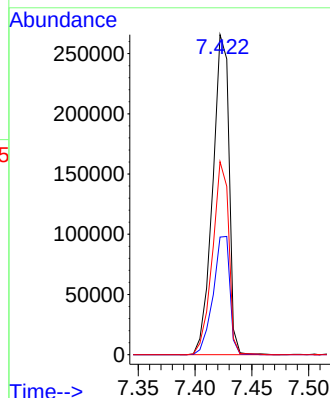
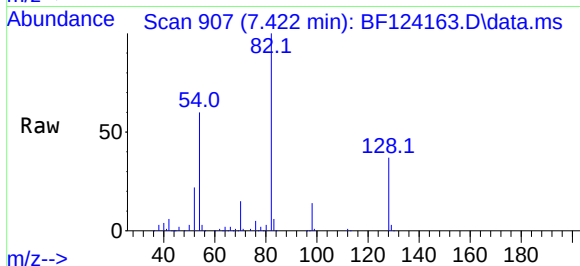
BNA_F

ClientSampleId :

BSS-SOIL-PILE

Tgt Ion: 82 Resp: 265499

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.4	44.2
54	60.3	54.1	81.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

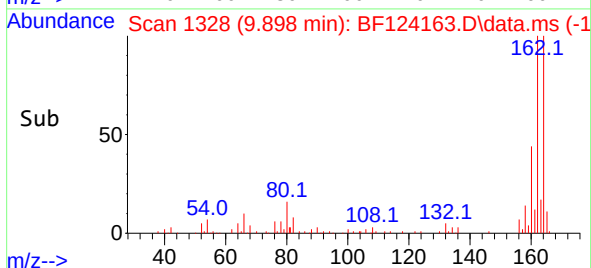
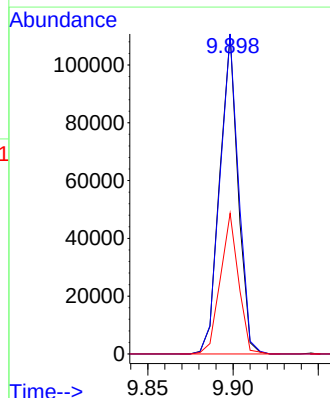
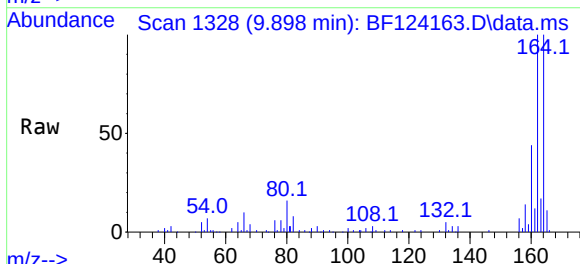
Delta R.T. -0.006 min

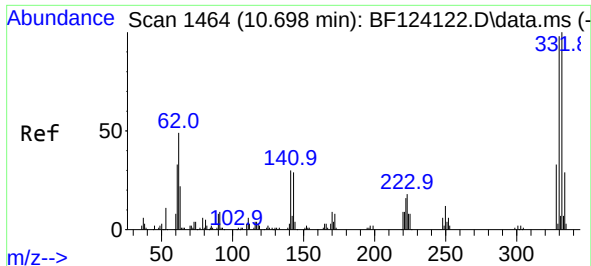
Lab File: BF124163.D

Acq: 7 Jun 2021 18:36

Tgt Ion: 164 Resp: 82628

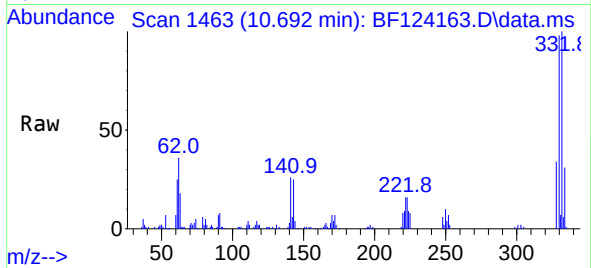
Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.7	121.1
160	44.0	37.3	55.9



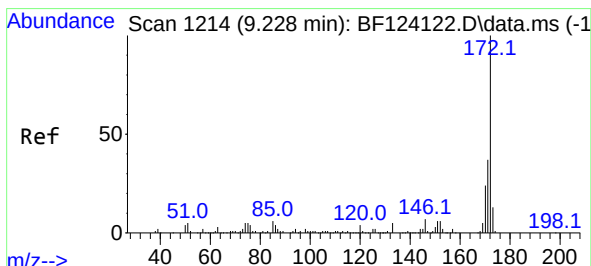
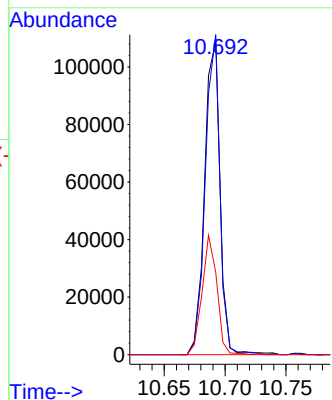
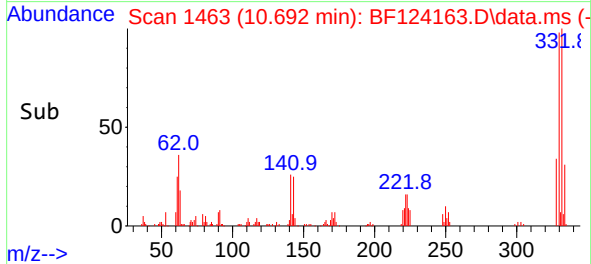


#42
2,4,6-Tribromophenol
Concen: 82.312 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124163.D
Acq: 7 Jun 2021 18:36

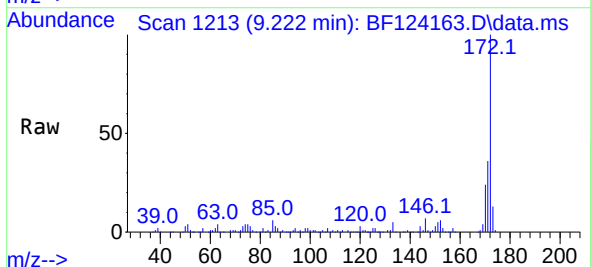
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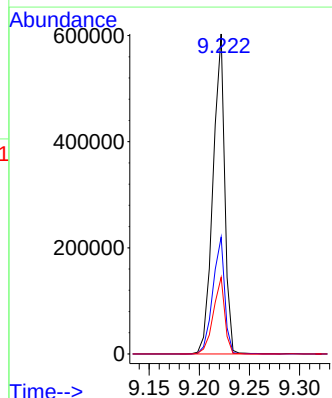
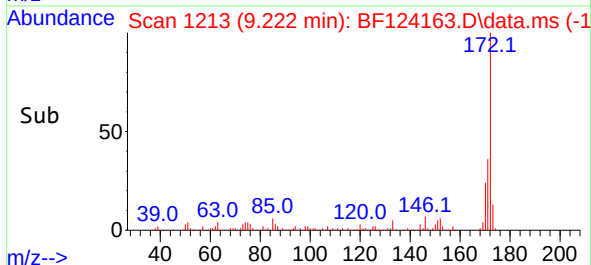
Tgt Ion:330 Resp: 96358
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 36.5 27.9 41.9

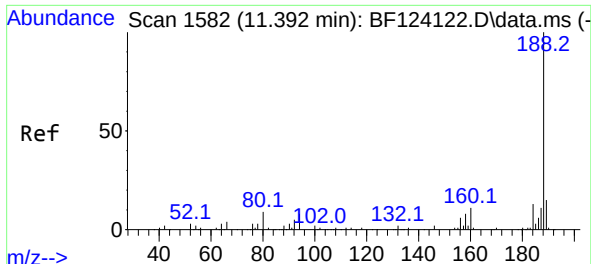


#45
2-Fluorobiphenyl
Concen: 74.700 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124163.D
Acq: 7 Jun 2021 18:36



Tgt Ion:172 Resp: 490503
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 23.9 19.2 28.8

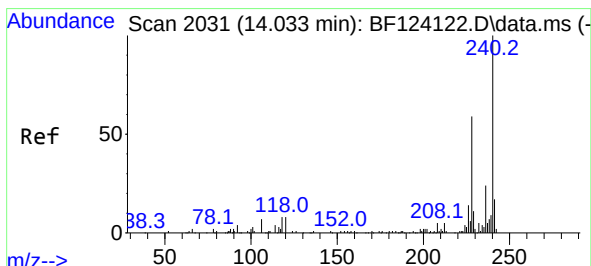
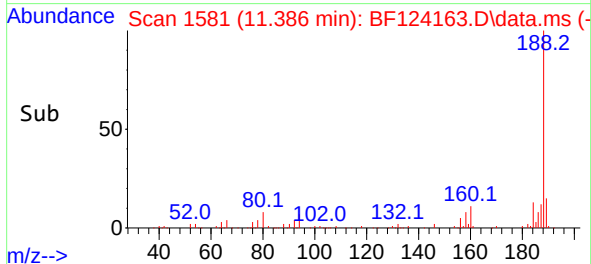
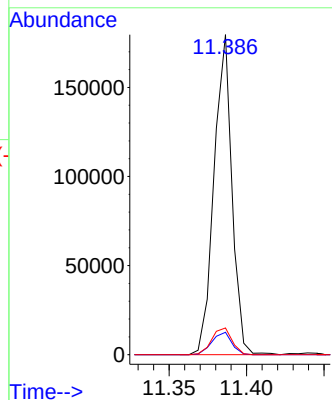
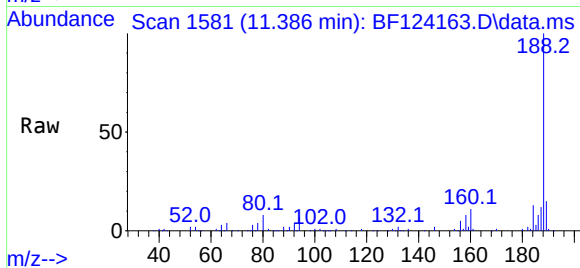




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124163.D
Acq: 7 Jun 2021 18:36

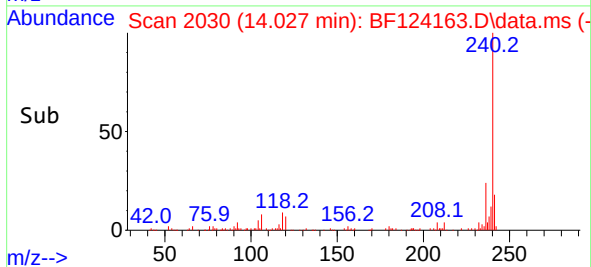
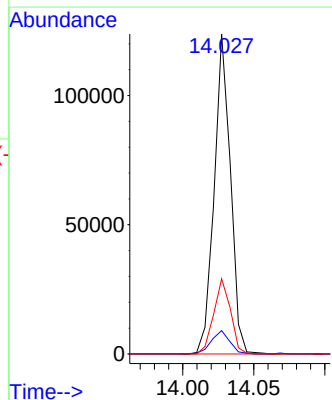
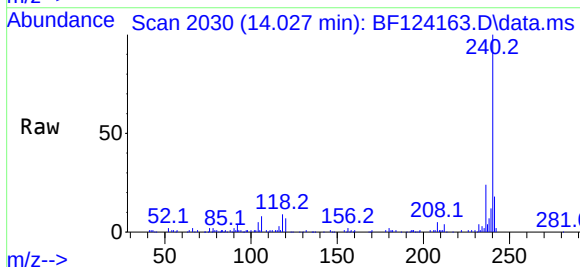
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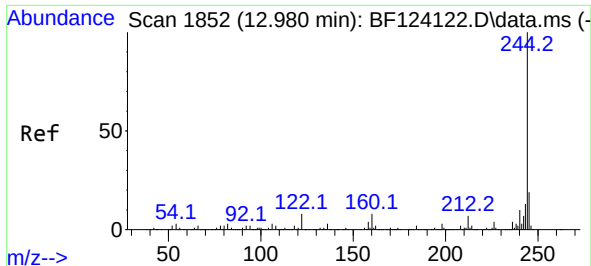
Tgt Ion:188 Resp: 144220
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 8.4 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124163.D
Acq: 7 Jun 2021 18:36

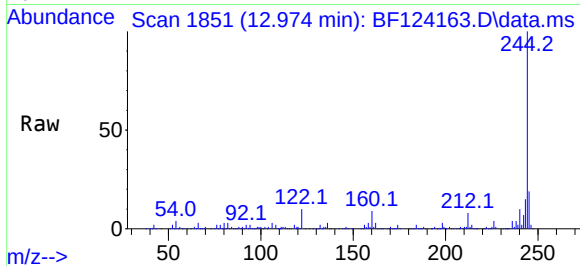
Tgt Ion:240 Resp: 98579
Ion Ratio Lower Upper
240 100
120 7.3 7.2 10.8
236 23.5 19.0 28.4



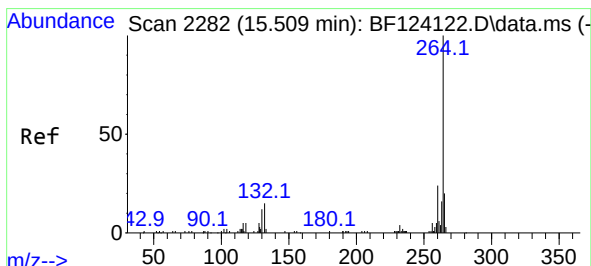
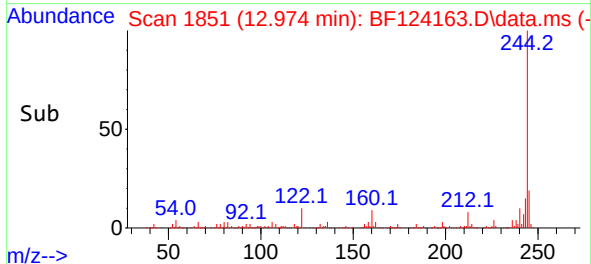
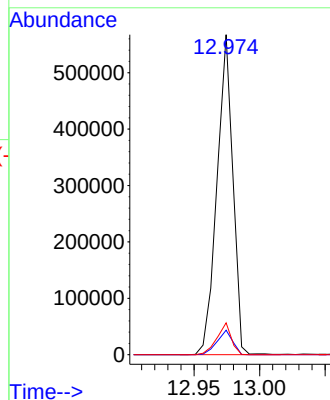


#79
Terphenyl-d14
Concen: 66.535 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124163.D
Acq: 7 Jun 2021 18:36

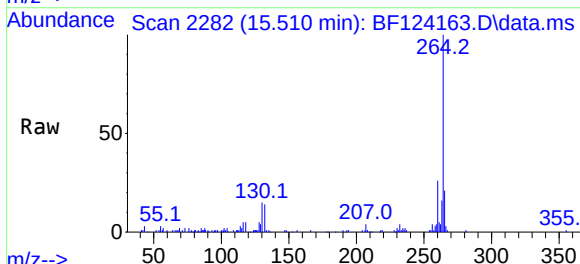
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 477723
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.0 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.001 min
Lab File: BF124163.D
Acq: 7 Jun 2021 18:36



Tgt Ion:264 Resp: 92682
Ion Ratio Lower Upper
264 100
260 25.8 18.7 28.1
265 21.0 17.8 26.8

