

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124702.D
 Acq On : 22 Jul 2021 22:10
 Operator : JU/CG
 Sample : M3093-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210537-COM-10

Quant Time: Jul 23 02:06:42 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	6.869	152	5981	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22752	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	12361	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	20743	20.000	ng	0.00
76) Chrysene-d12	14.027	240	12508	20.000	ng	-0.01
86) Perylene-d12	15.498	264	12339	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	47924	135.668	ng	0.00
7) Phenol-d6	6.492	99	57617	130.106	ng	0.00
23) Nitrobenzene-d5	7.434	82	35329	92.418	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	14062	132.496	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	73233	87.016	ng	0.00
79) Terphenyl-d14	12.980	244	68707	94.159	ng	0.00

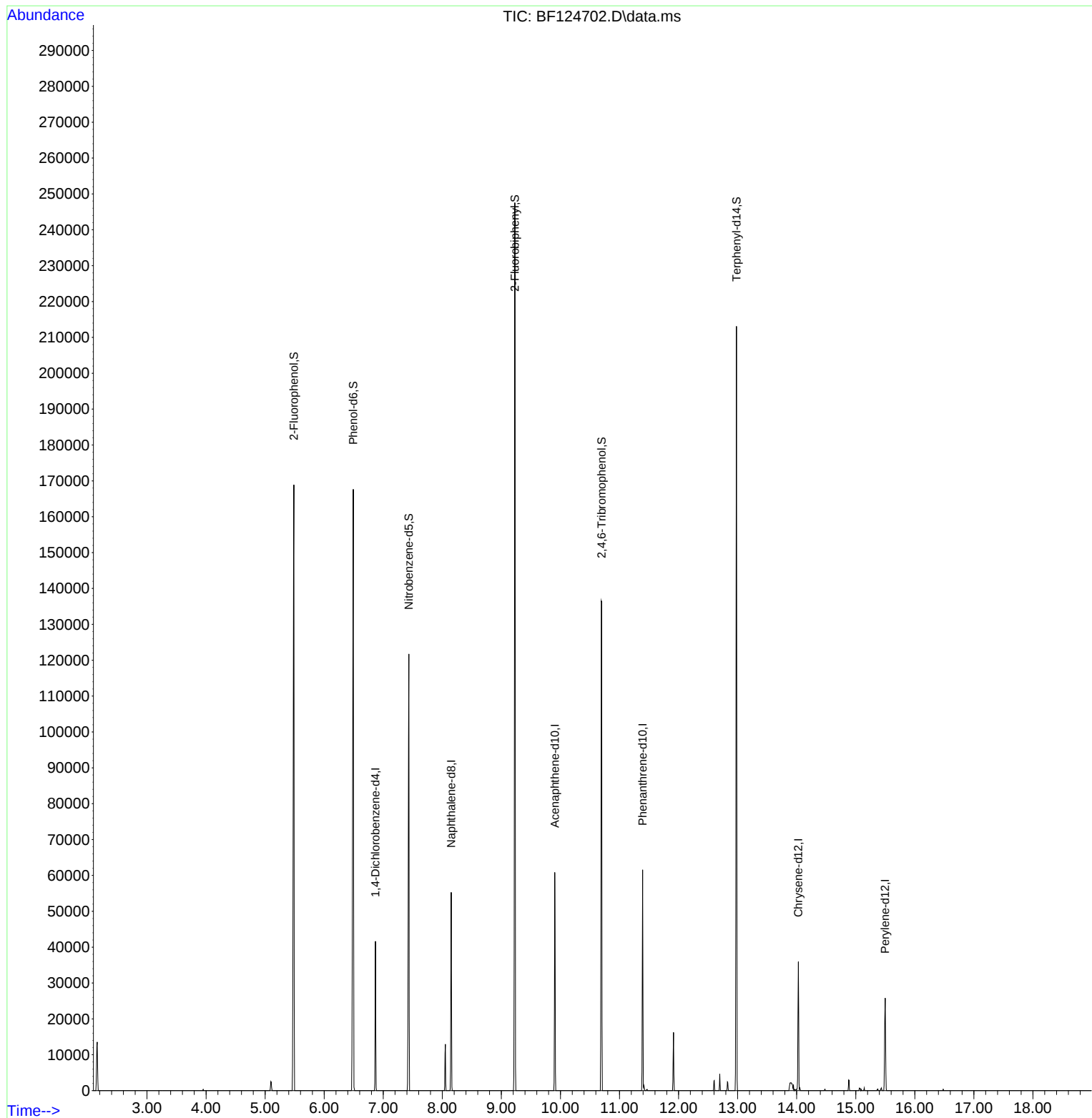
Target Compounds	Qvalue

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

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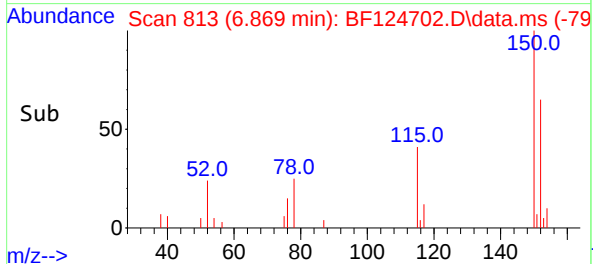
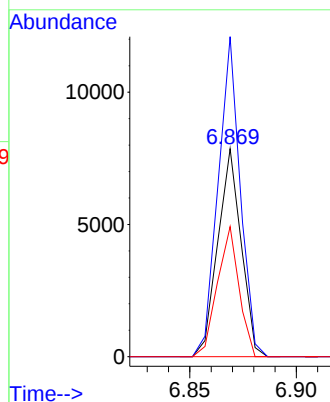
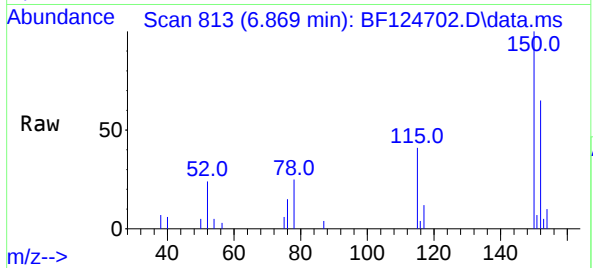




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

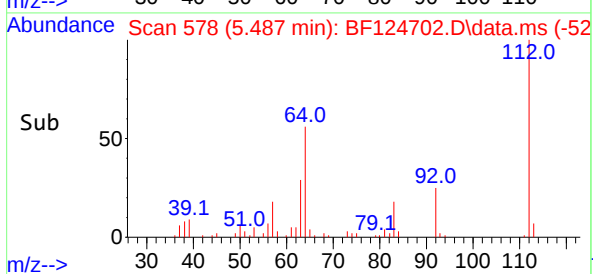
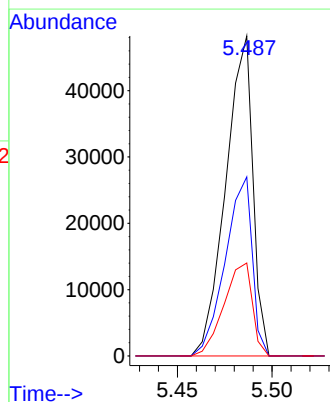
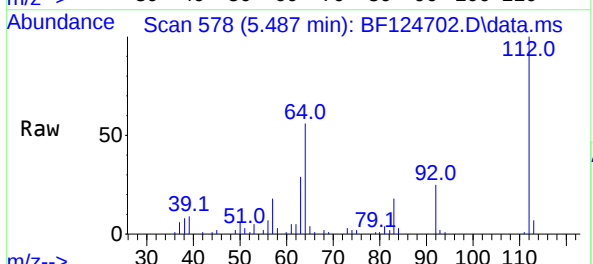
Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

Tgt Ion:152 Resp: 5981
Ion Ratio Lower Upper
152 100
150 153.9 117.6 176.4
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 135.668 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion:112 Resp: 47924
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 29.0 26.2 39.2



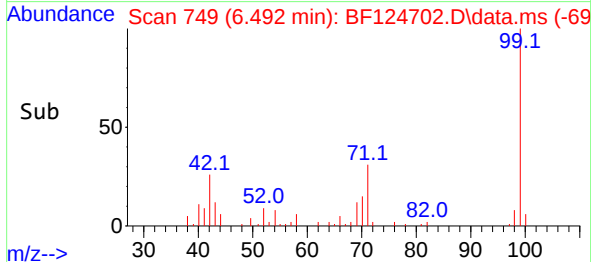
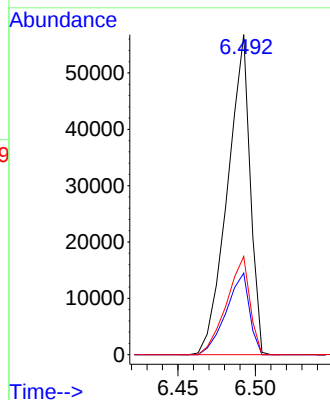
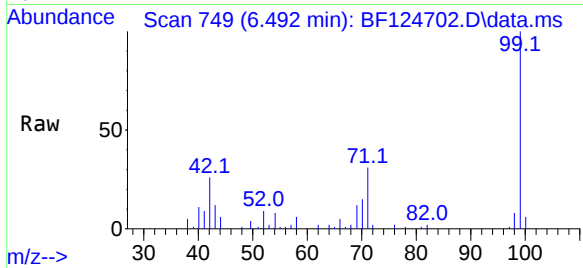


#7
Phenol-d6
Concen: 130.106 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

Tgt Ion: 99 Resp: 57617

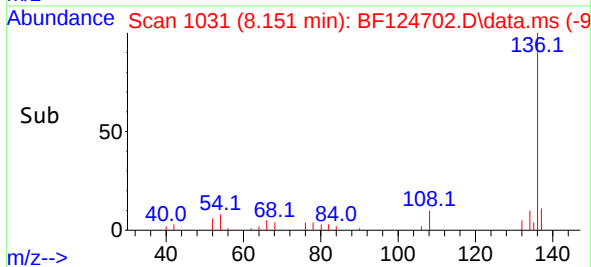
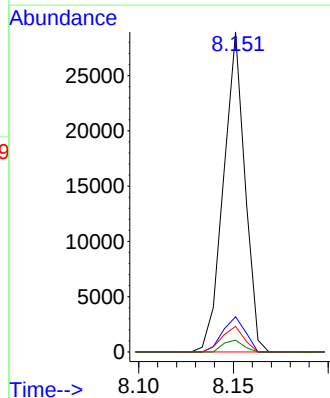
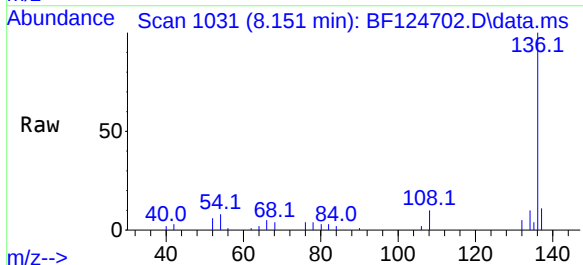
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	30.7	25.6	38.4

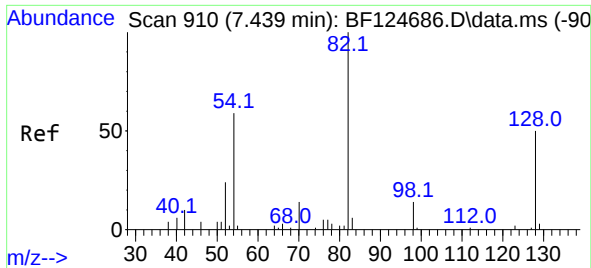


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion: 136 Resp: 22752

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	8.0	6.4	9.6
68	3.7	3.3	4.9

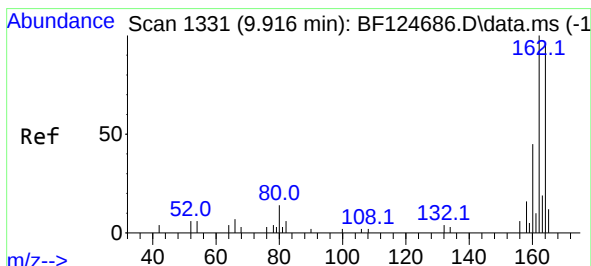
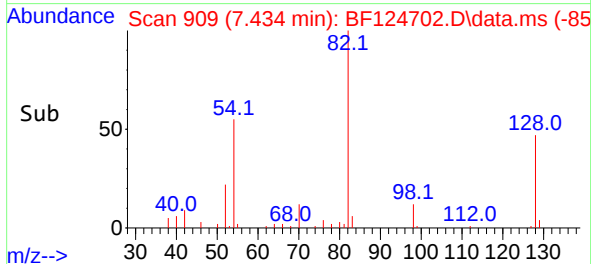
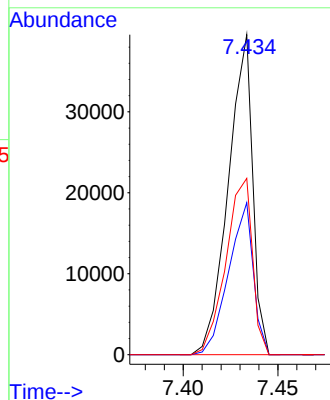
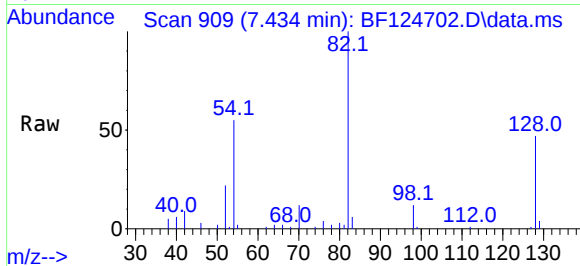




#23
Nitrobenzene-d5
Concen: 92.418 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

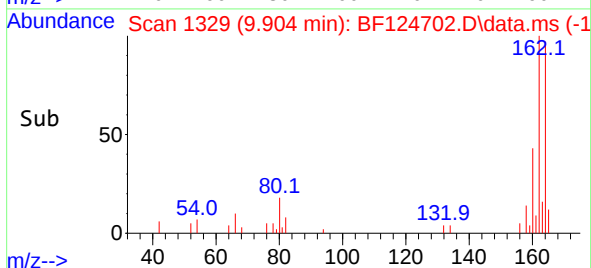
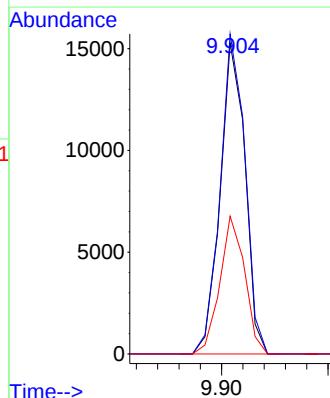
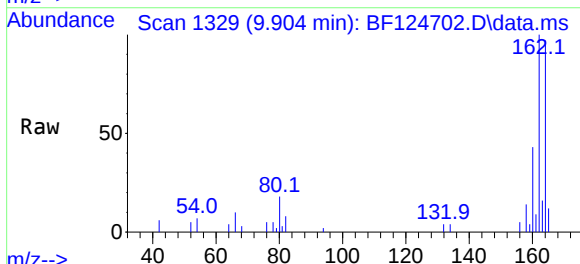
Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

Tgt Ion:	82	Resp:	35329
Ion	Ratio	Lower	Upper
82	100		
128	47.5	40.6	60.8
54	55.1	49.6	74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion:	164	Resp:	12361
Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.3	121.9
160	44.3	38.0	57.0

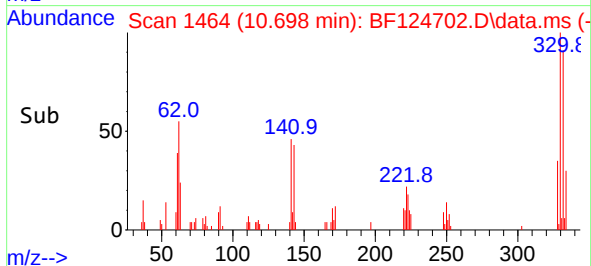
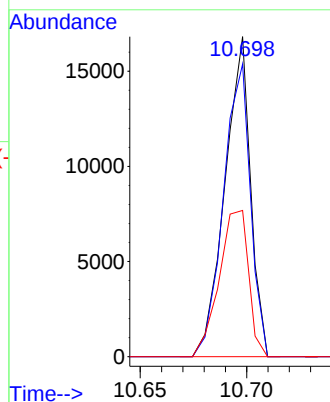
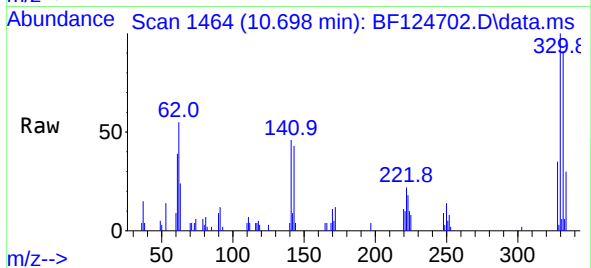




#42
2,4,6-Tribromophenol
Concen: 132.496 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

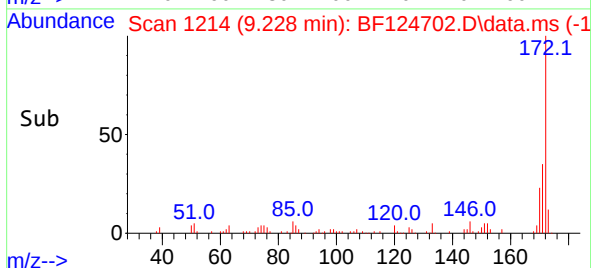
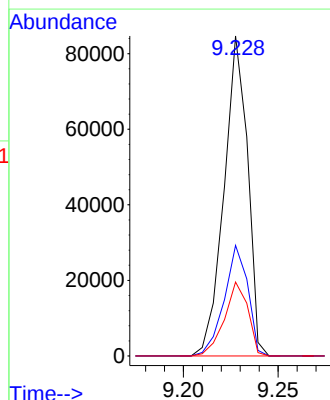
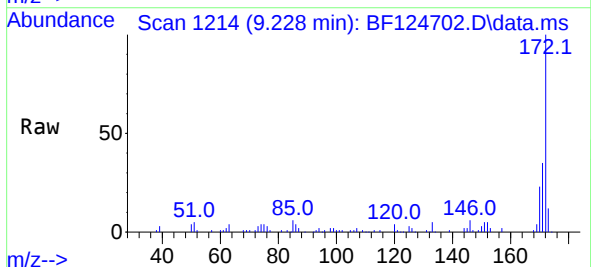
Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

Tgt Ion:330 Resp: 14062
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 52.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 87.016 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

Tgt Ion:172 Resp: 73233
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.1 18.8 28.2

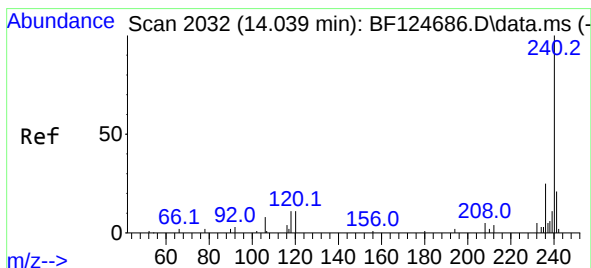
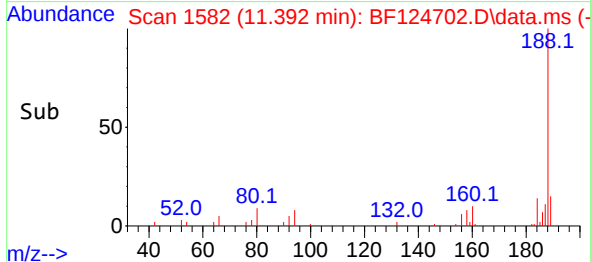
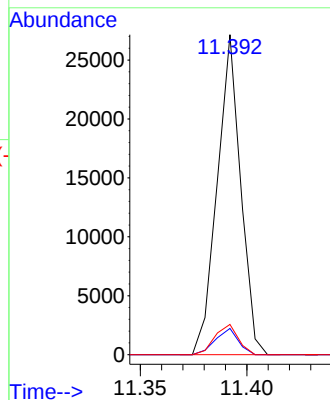
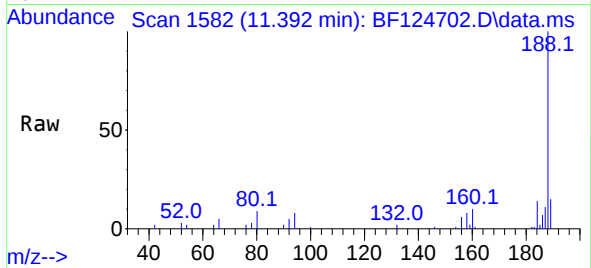




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

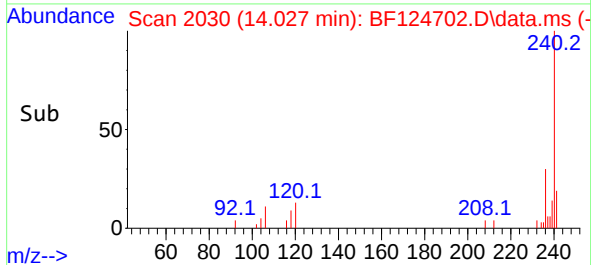
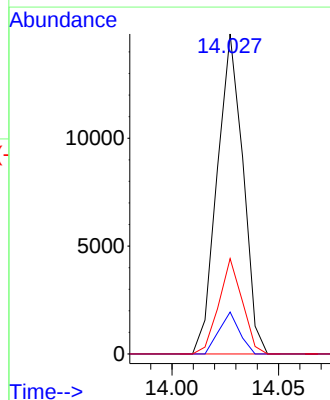
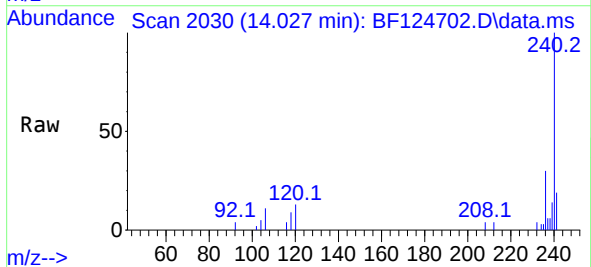
Instrument :
BNA_F
ClientSampleId :
20210537-COM-10

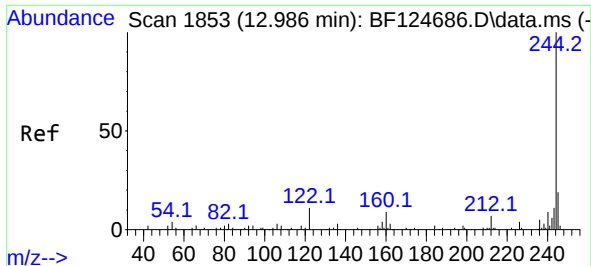
Tgt Ion:188 Resp: 20743
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124702.D
Acq: 22 Jul 2021 22:10

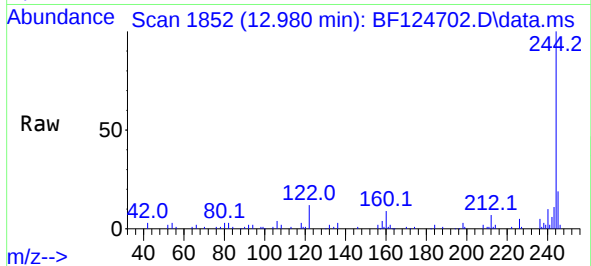
Tgt Ion:240 Resp: 12508
Ion Ratio Lower Upper
240 100
120 13.1 10.8 16.2
236 29.8 21.6 32.4



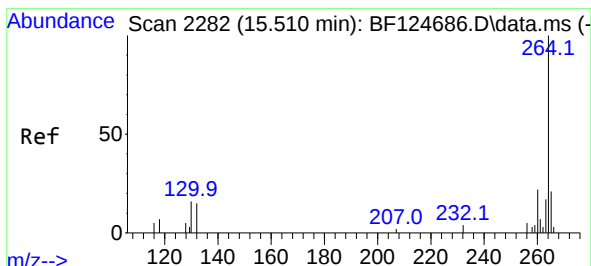
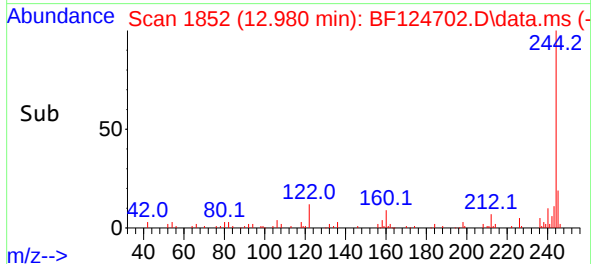
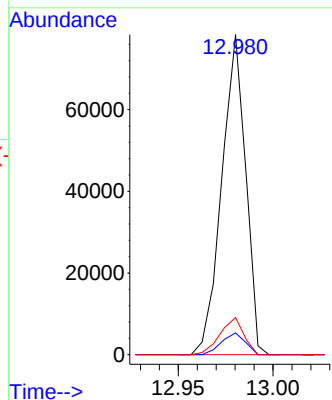


#79
 Terphenyl-d14
 Concen: 94.159 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124702.D
 Acq: 22 Jul 2021 22:10

Instrument :
 BNA_F
 ClientSampleId :
 20210537-COM-10



Tgt Ion:244 Resp: 68707
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124702.D
 Acq: 22 Jul 2021 22:10

Tgt Ion:264 Resp: 12339
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 18.9 17.2 25.8

