

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007824.D
 Acq On : 03 Nov 2021 15:56
 Operator : CG/JU
 Sample : M4427-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FDR-BH-6-20211029-7.5-8

Quant Time: Nov 04 07:27:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

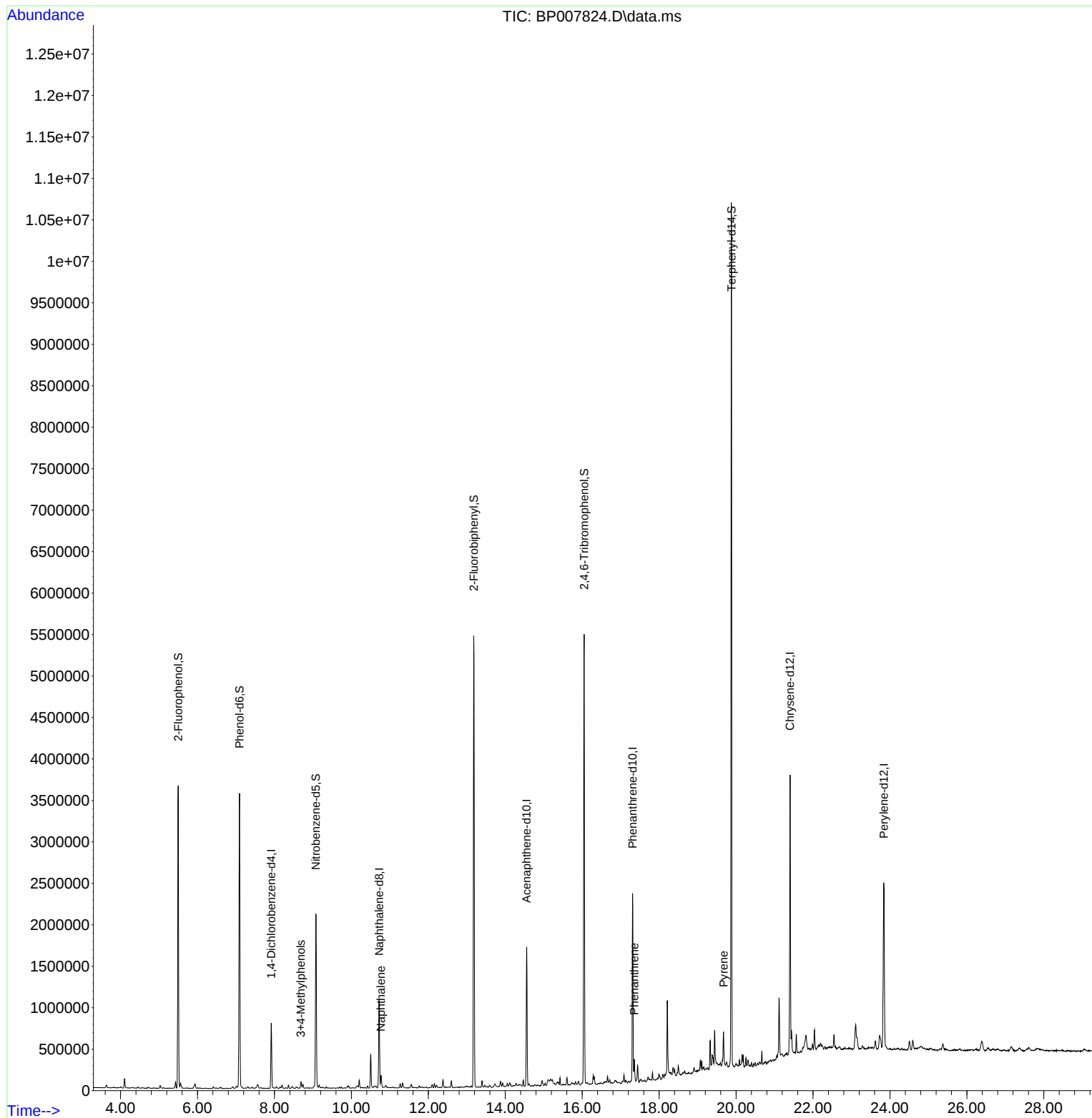
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	210401	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	856087	20.00	ng	0.00
39) Acenaphthene-d10	14.557	164	589821	20.00	ng	0.00
64) Phenanthrene-d10	17.310	188	1360034	20.00	ng	-0.01
76) Chrysene-d12	21.404	240	1557704	20.00	ng	-0.01
86) Perylene-d12	23.839	264	1585257	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1603177	129.22	ng	0.00
7) Phenol-d6	7.093	99	2042730	113.76	ng	0.00
23) Nitrobenzene-d5	9.075	82	1241545	77.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	1043812	124.00	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2872318	70.92	ng	-0.01
79) Terphenyl-d14	19.880	244	4977653	65.07	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.687	107	36292	2.18	ng	91
31) Naphthalene	10.769	128	108367	2.50	ng	98
71) Phenanthrene	17.351	178	177455	2.48	ng	98
78) Pyrene	19.675	202	211844	2.22	ng	99

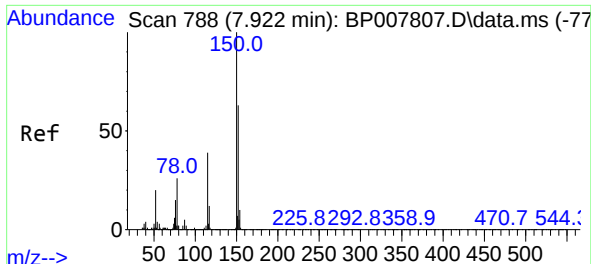
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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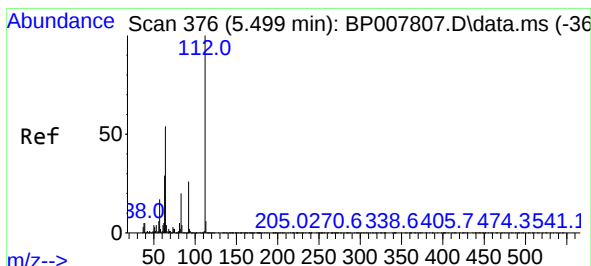
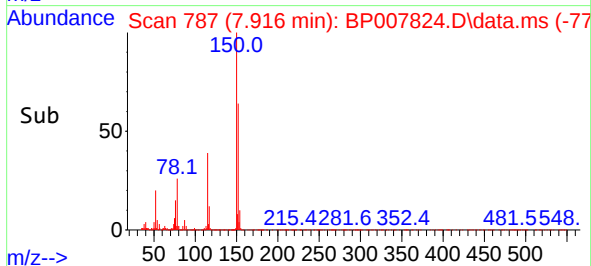
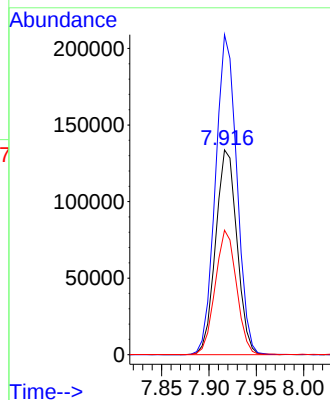
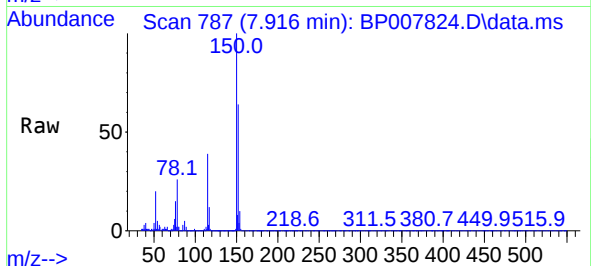




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.916 min Scan# 788
Delta R.T. -0.006 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

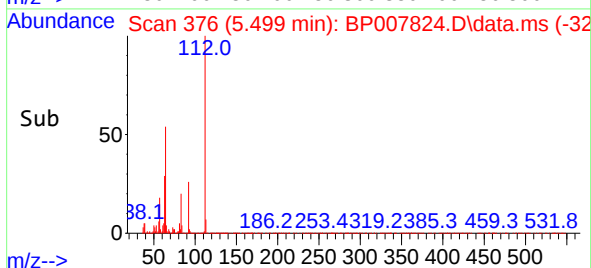
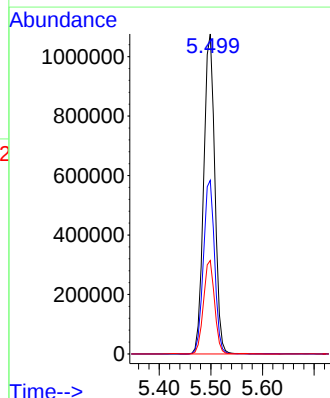
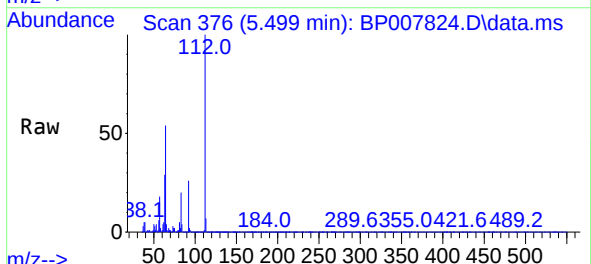
Instrument :
BNA_P
ClientSampleId :
FDR-BH-6-20211029-7.5-8

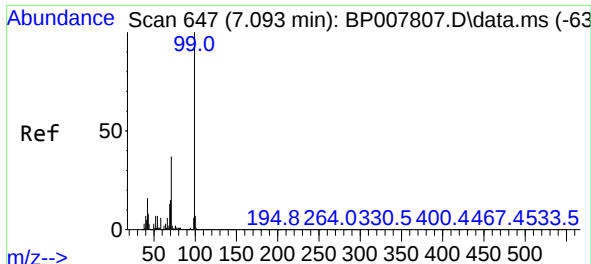
Tgt Ion:152 Resp: 210401
Ion Ratio Lower Upper
152 100
150 156.2 124.1 186.1
115 60.8 48.1 72.1



#5
2-Fluorophenol
Concen: 129.22 ng
RT: 5.499 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion:112 Resp: 1603177
Ion Ratio Lower Upper
112 100
64 54.2 46.6 70.0
63 29.2 25.0 37.6



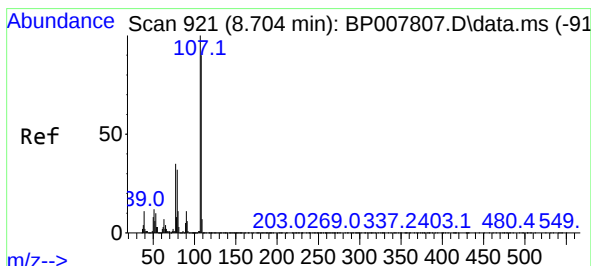
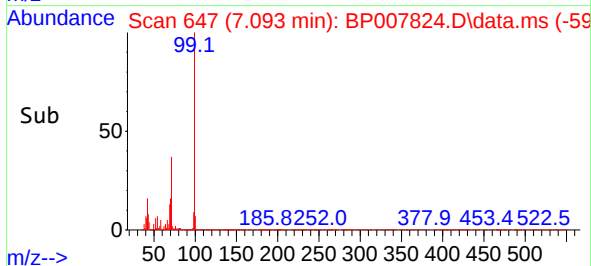
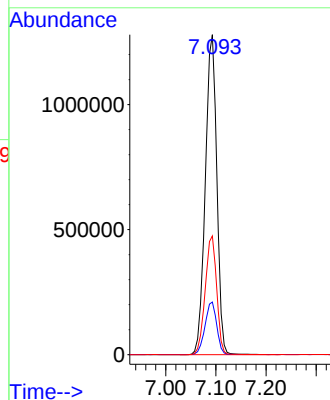
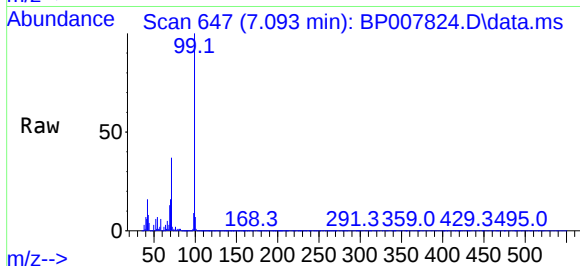


#7
Phenol-d6
Concen: 113.76 ng
RT: 7.093 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Instrument :
BNA_P
ClientSampleId :
FDR-BH-6-20211029-7.5-8

Tgt Ion: 99 Resp: 2042730

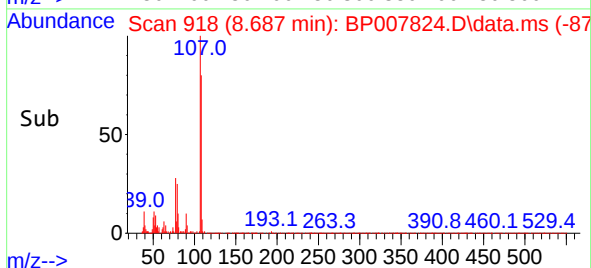
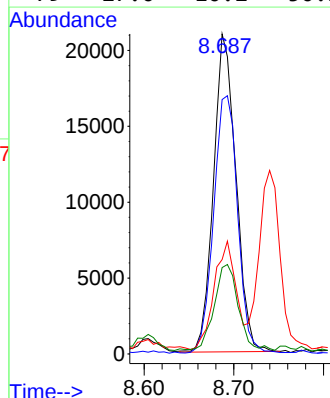
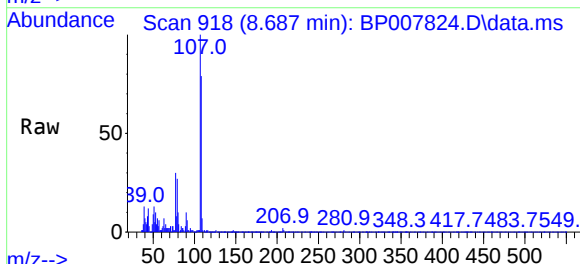
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.9	22.3
71	37.1	29.2	43.8

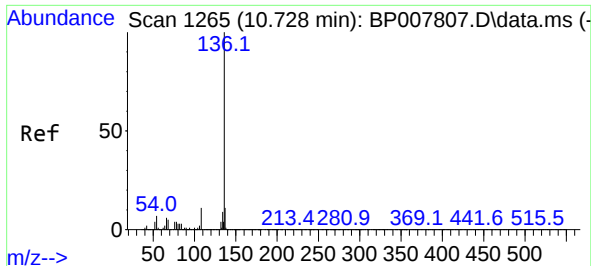


#20
3+4-Methylphenols
Concen: 2.18 ng
RT: 8.687 min Scan# 918
Delta R.T. -0.018 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion: 107 Resp: 36292

Ion	Ratio	Lower	Upper
107	100		
108	79.5	69.2	109.2
77	29.5	13.8	53.8
79	27.0	10.2	50.2

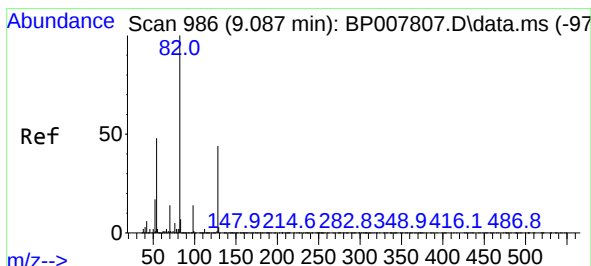
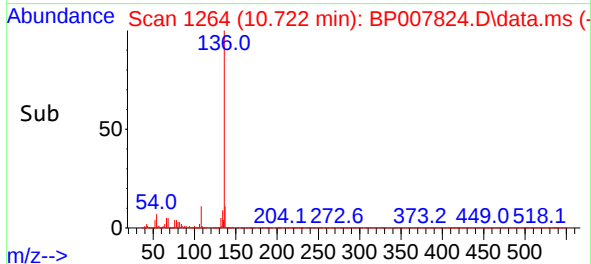
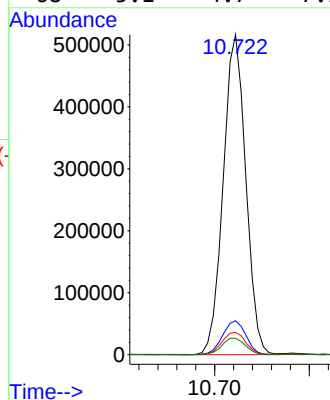
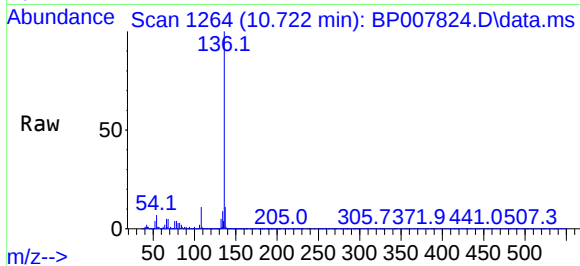




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

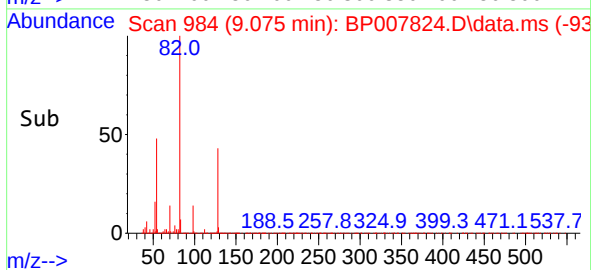
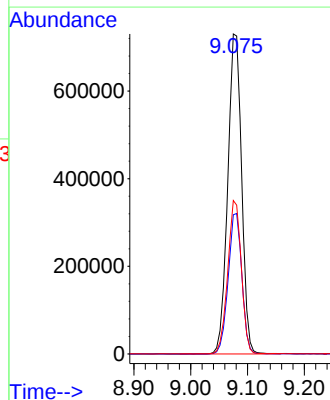
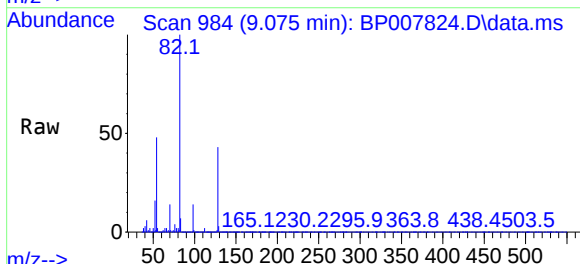
Instrument :
BNA_P
ClientSampleId :
FDR-BH-6-20211029-7.5-8

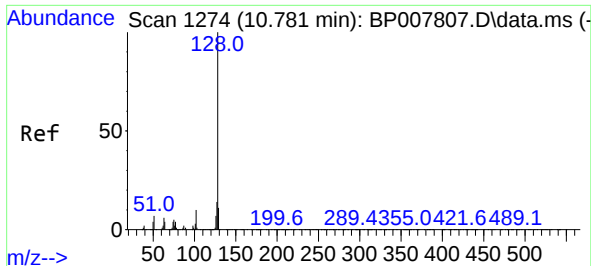
Tgt Ion:	136	Resp:	856087
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.0	6.2	9.4
68	5.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 77.90 ng
RT: 9.075 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion:	82	Resp:	1241545
Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.6	48.8
54	47.9	40.4	60.6

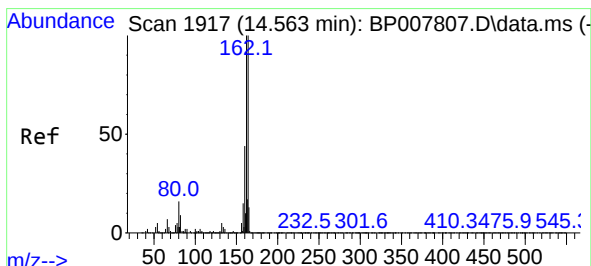
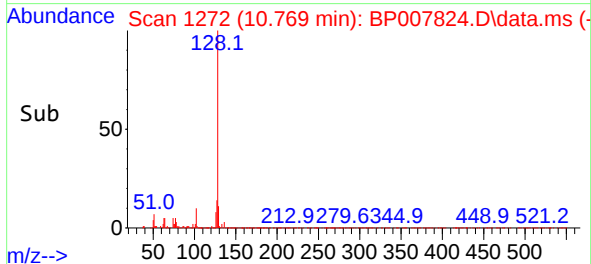
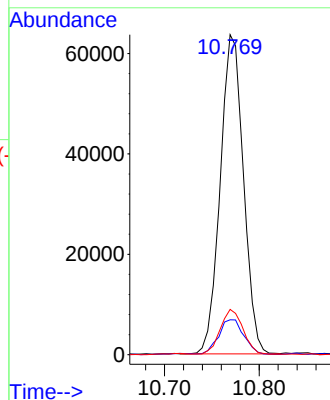
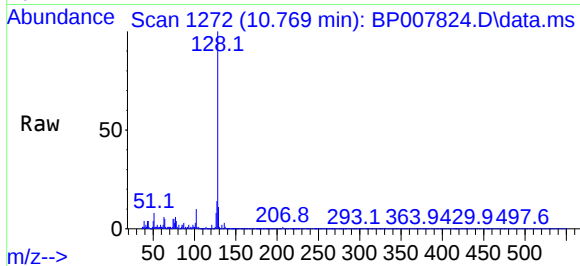




#31
Naphthalene
Concen: 2.50 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

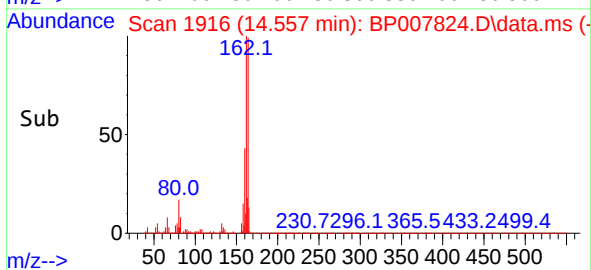
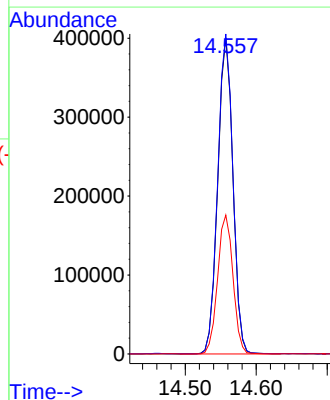
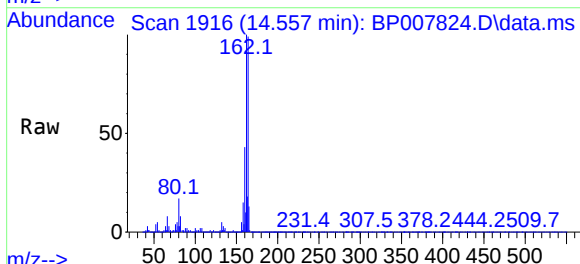
Instrument :
BNA_P
ClientSampleId :
FDR-BH-6-20211029-7.5-8

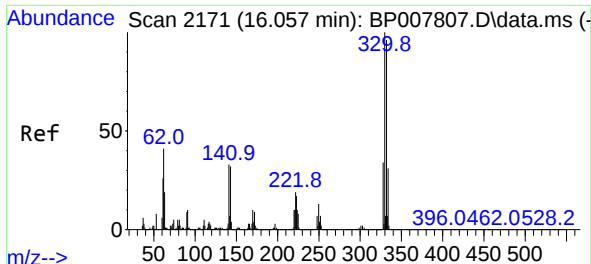
Tgt Ion:	128	Resp:	108367
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	14.2	10.2	15.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion:	164	Resp:	589821
Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.1	121.7
160	43.9	36.0	54.0

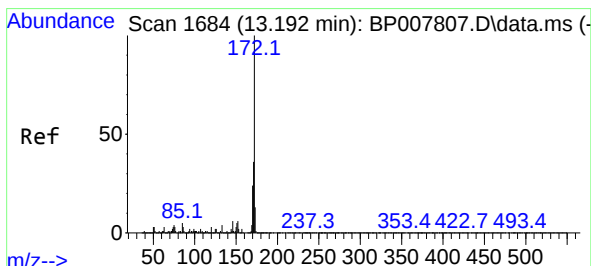
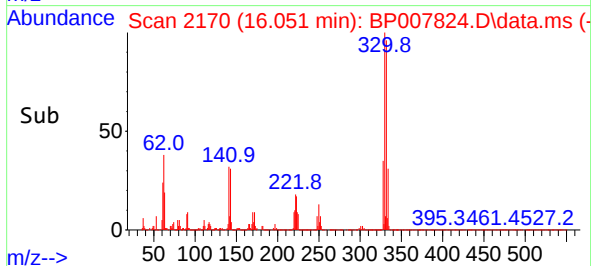
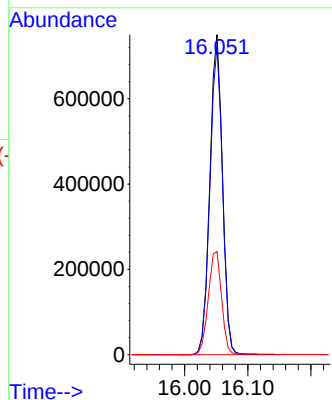
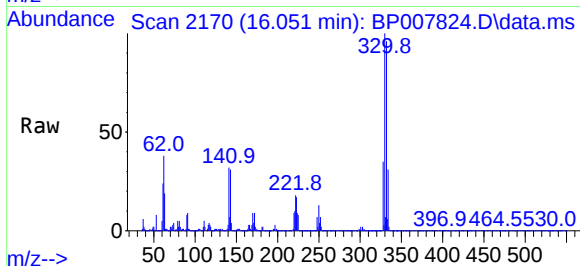




#42
2,4,6-Tribromophenol
Concen: 124.00 ng
RT: 16.051 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

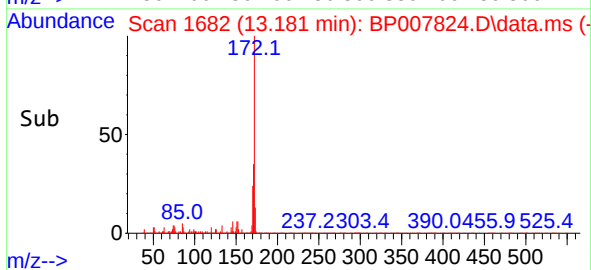
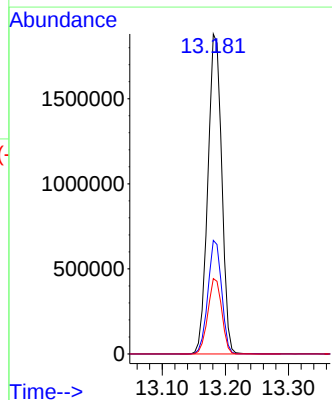
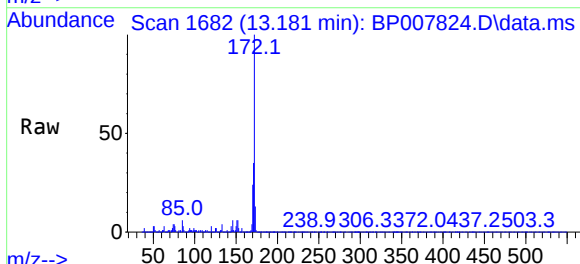
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ClientSampleId :
FDR-BH-6-20211029-7.5-8

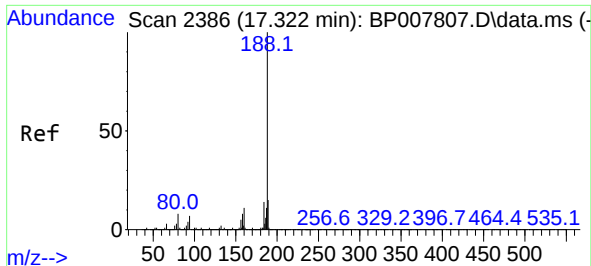
Tgt Ion:330 Resp: 1043812
Ion Ratio Lower Upper
330 100
332 96.3 78.9 118.3
141 33.8 30.7 46.1



#45
2-Fluorobiphenyl
Concen: 70.92 ng
RT: 13.181 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion:172 Resp: 2872318
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.5 19.0 28.4

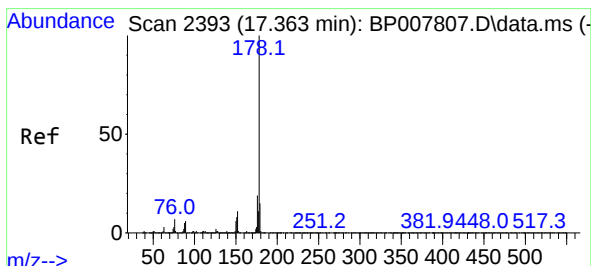
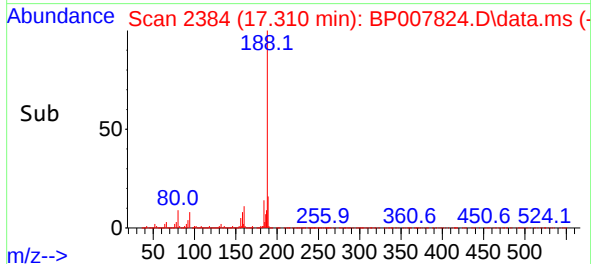
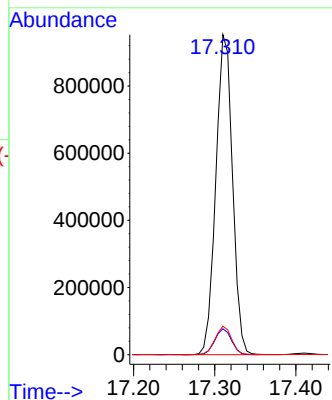
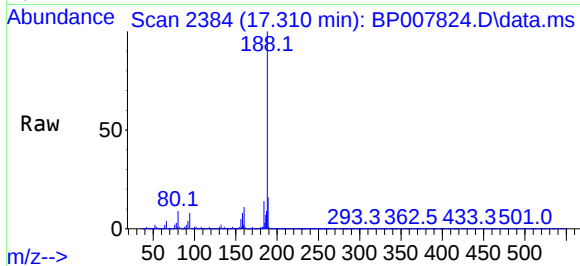




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.310 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

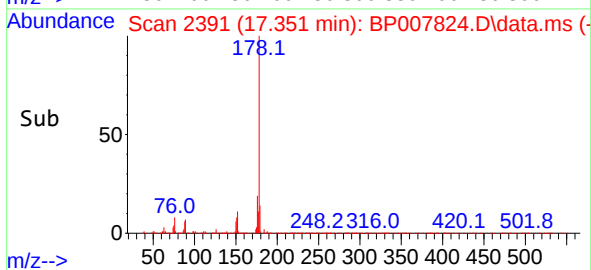
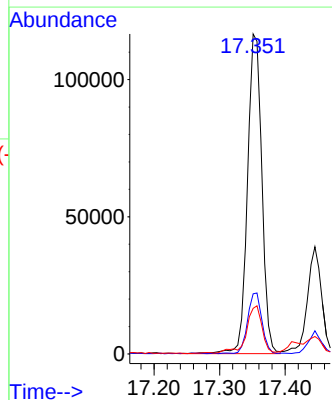
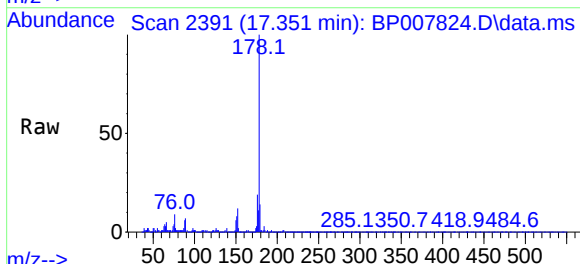
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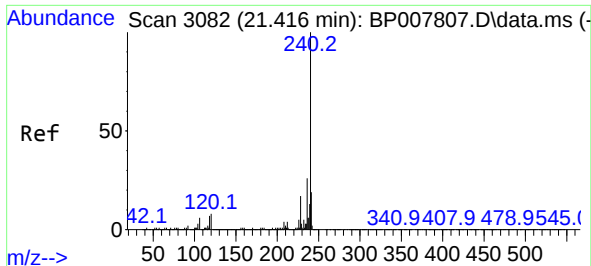
Tgt Ion:188 Resp: 1360034
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 8.9 7.8 11.6



#71
Phenanthrene
Concen: 2.48 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion:178 Resp: 177455
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 14.3 12.3 18.5

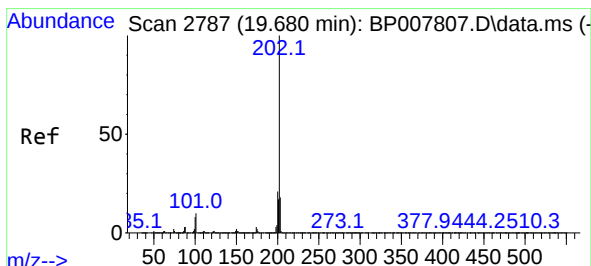
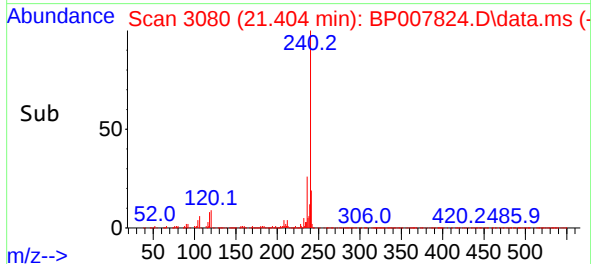
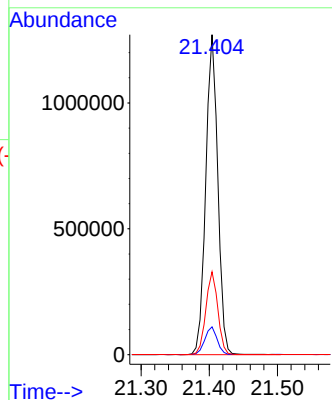
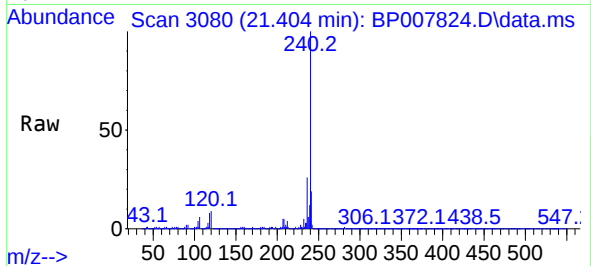




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.404 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

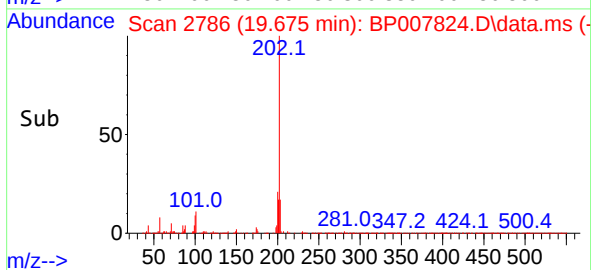
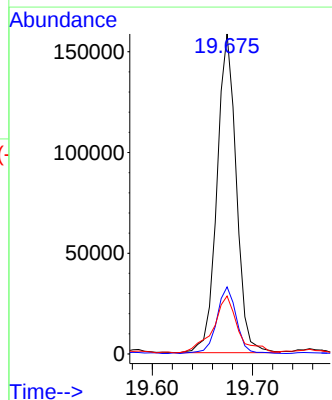
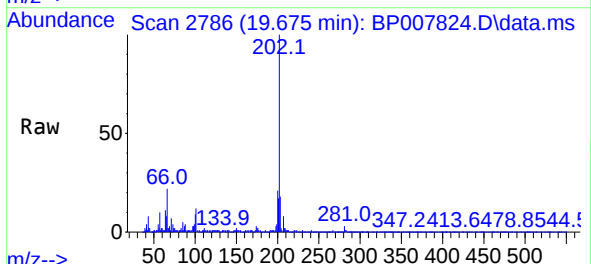
Instrument :
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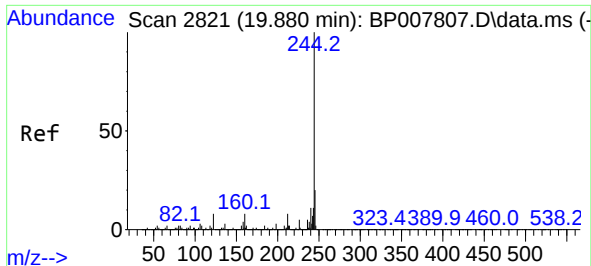
Tgt Ion:240 Resp: 1557704
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.8
236 25.9 20.6 30.8



#78
Pyrene
Concen: 2.22 ng
RT: 19.675 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP007824.D
Acq: 03 Nov 2021 15:56

Tgt Ion:202 Resp: 211844
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 18.1 13.8 20.6

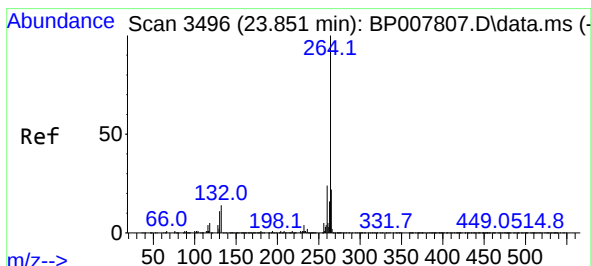
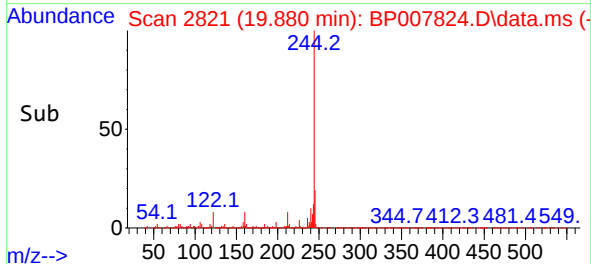
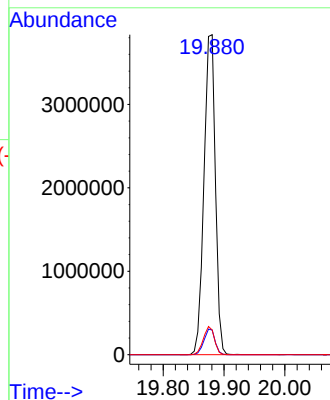
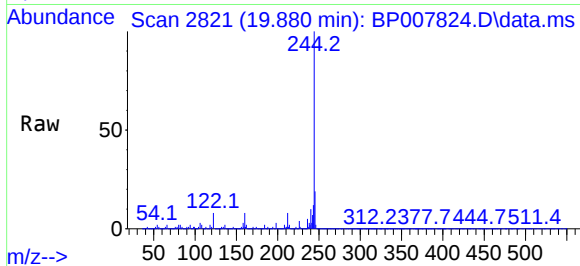




#79
 Terphenyl-d14
 Concen: 65.07 ng
 RT: 19.880 min Scan# 2821
 Delta R.T. 0.000 min
 Lab File: BP007824.D
 Acq: 03 Nov 2021 15:56

Instrument :
 BNA_P
 ClientSampleId :
 FDR-BH-6-20211029-7.5-8

Tgt Ion:244 Resp: 4977653
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 7.7 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.839 min Scan# 3494
 Delta R.T. -0.012 min
 Lab File: BP007824.D
 Acq: 03 Nov 2021 15:56

Tgt Ion:264 Resp: 1585257
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.8 16.7 25.1

