

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008443.D
 Acq On : 16 Dec 2021 07:55
 Operator : CG/JU
 Sample : M5022-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP10

Quant Time: Dec 16 08:37:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	51035	20.000	ng	0.00
21) Naphthalene-d8	10.539	136	182316	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	121529	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	272535	20.000	ng	0.00
76) Chrysene-d12	21.268	240	329069	20.000	ng	0.00
86) Perylene-d12	23.639	264	379824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	348965	107.984	ng	0.00
7) Phenol-d6	6.940	99	430922	99.285	ng	0.00
23) Nitrobenzene-d5	8.904	82	296542	68.908	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	189888	106.323	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	573106	59.947	ng	0.00
79) Terphenyl-d14	19.733	244	1097130	58.025	ng	0.00

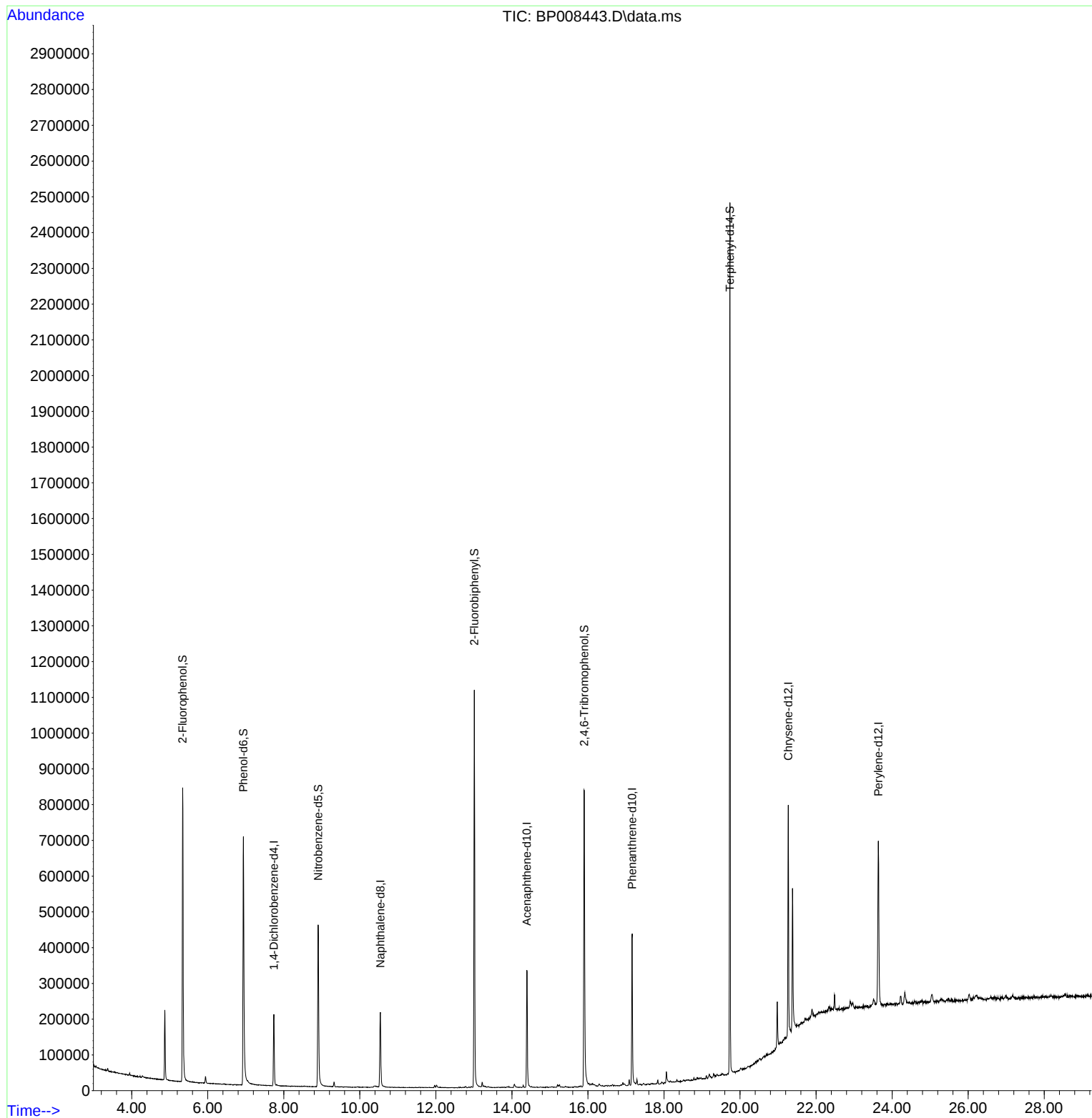
Target Compounds	Qvalue

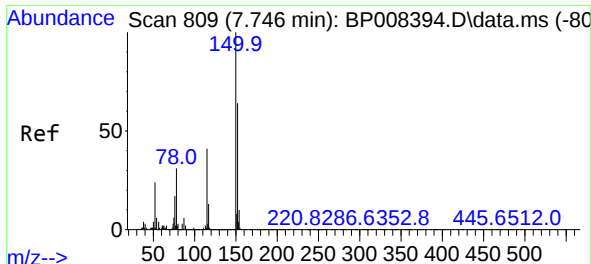
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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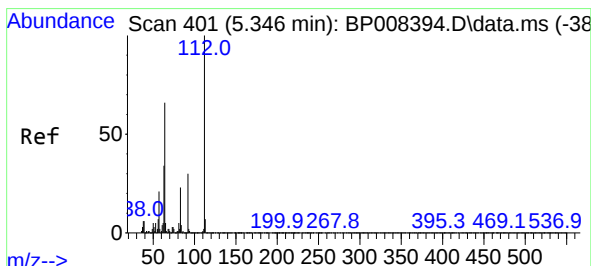
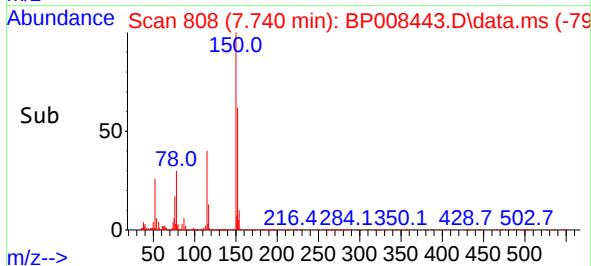
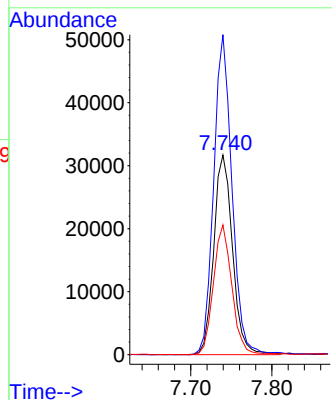
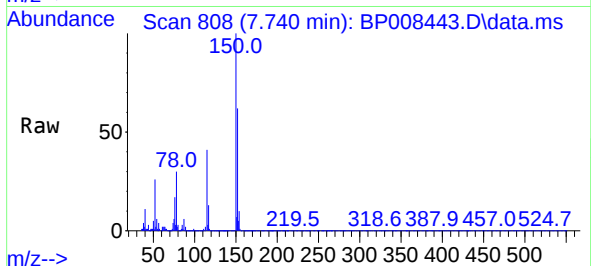




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

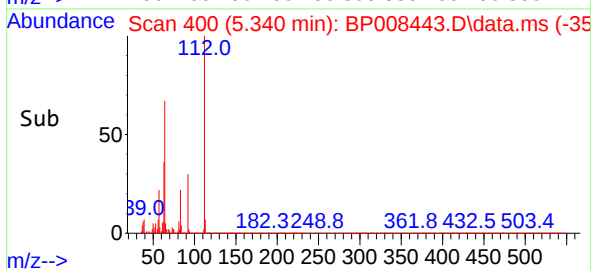
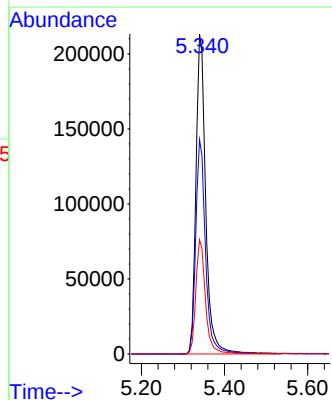
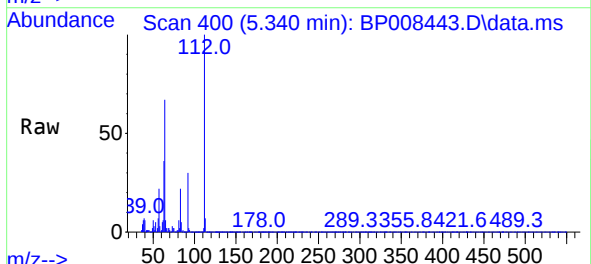
Instrument :
BNA_P
ClientSampleId :
TP10

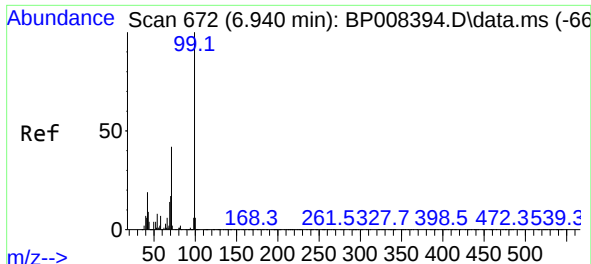
Tgt Ion:152 Resp: 51035
Ion Ratio Lower Upper
152 100
150 160.3 125.7 188.5
115 65.0 50.7 76.1



#5
2-Fluorophenol
Concen: 107.984 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

Tgt Ion:112 Resp: 348965
Ion Ratio Lower Upper
112 100
64 66.9 53.4 80.2
63 35.7 27.8 41.8



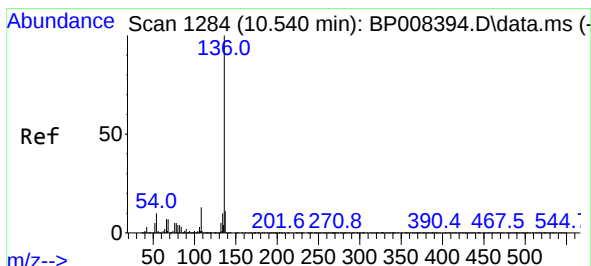
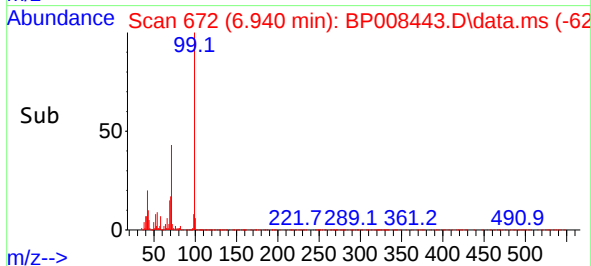
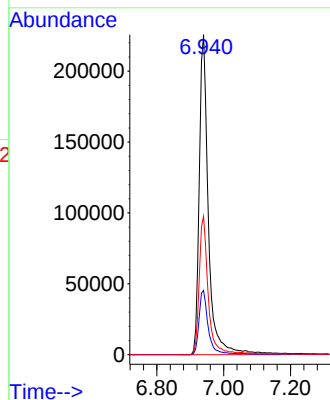
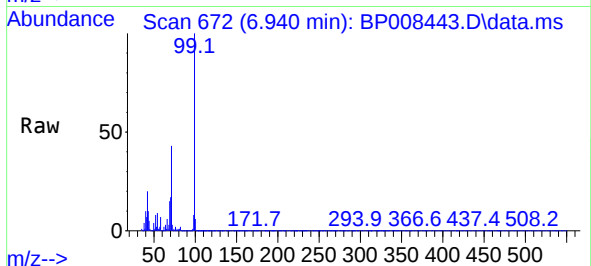


#7
Phenol-d6
Concen: 99.285 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

Instrument :
BNA_P
ClientSampleId :
TP10

Tgt Ion: 99 Resp: 430922

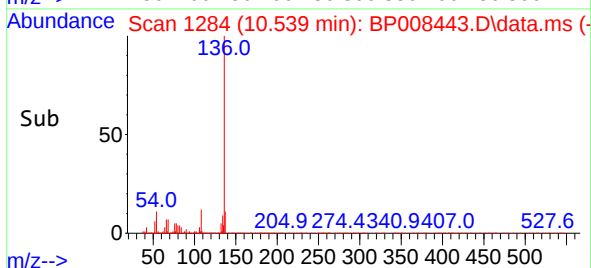
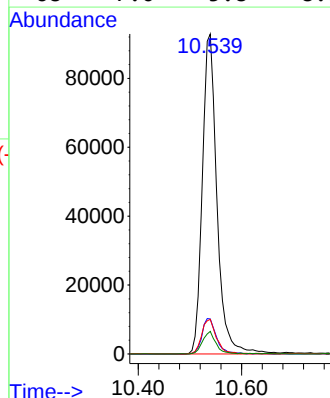
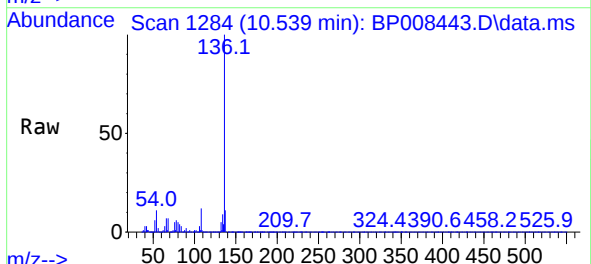
Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.6	22.0
71	43.3	31.1	46.7

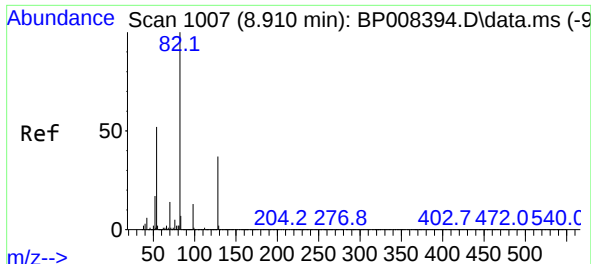


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.001 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

Tgt Ion: 136 Resp: 182316

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.8	8.2	12.4
68	7.0	5.8	8.8





#23

Nitrobenzene-d5

Concen: 68.908 ng

RT: 8.904 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP008443.D

Acq: 16 Dec 2021 07:55

Instrument :

BNA_P

ClientSampleId :

TP10

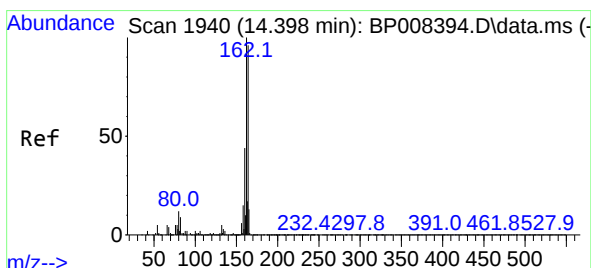
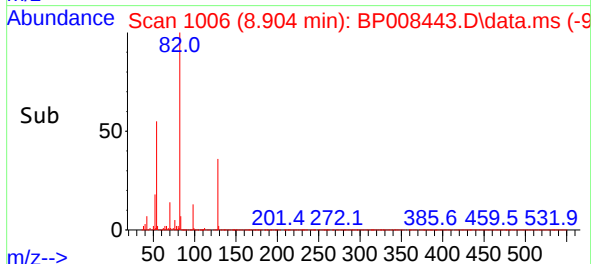
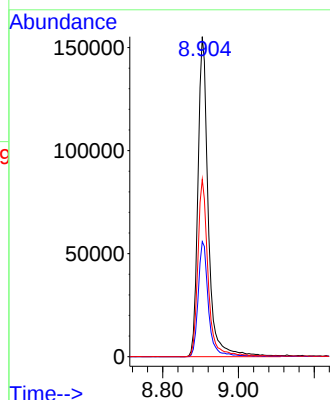
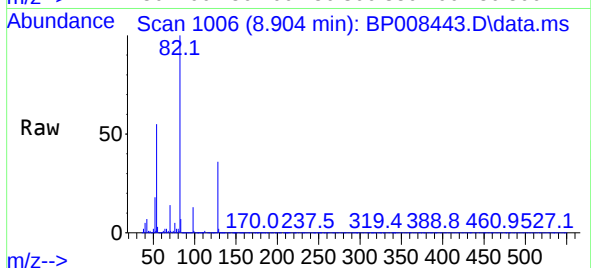
Tgt Ion: 82 Resp: 296542

Ion Ratio Lower Upper

82 100

128 35.9 29.6 44.4

54 55.4 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BP008443.D

Acq: 16 Dec 2021 07:55

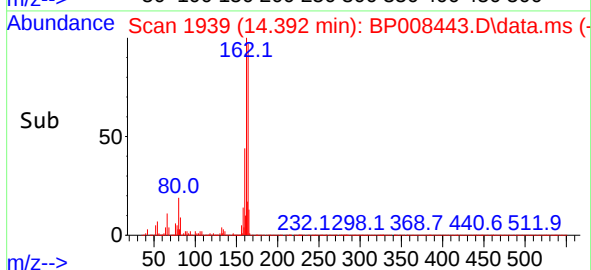
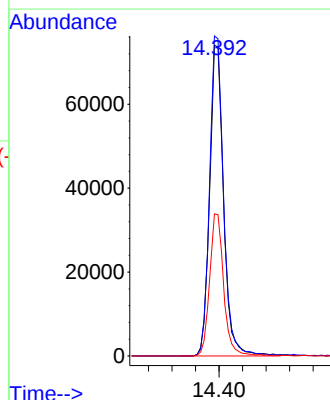
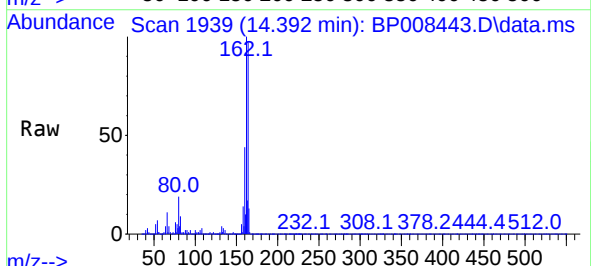
Tgt Ion: 164 Resp: 121529

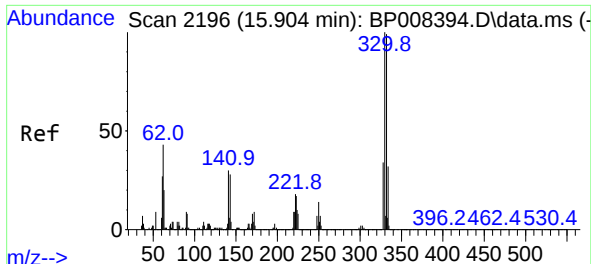
Ion Ratio Lower Upper

164 100

162 103.0 81.9 122.9

160 45.7 35.4 53.0

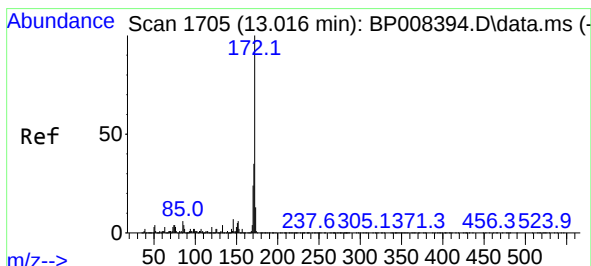
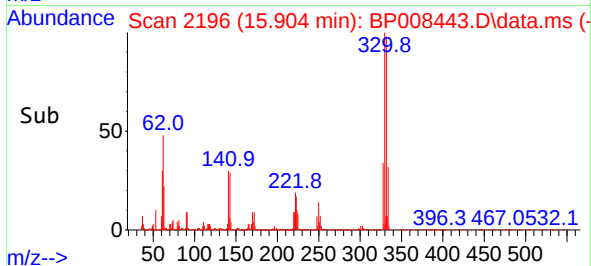
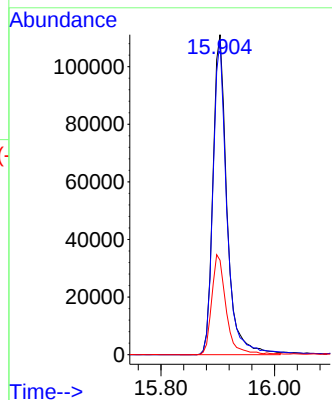
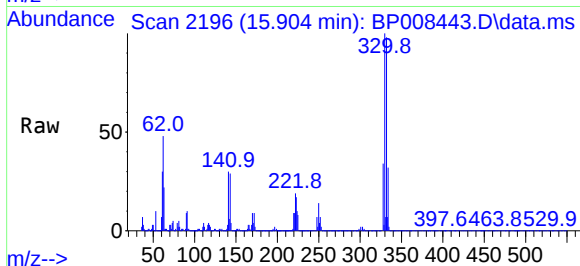




#42
2,4,6-Tribromophenol
Concen: 106.323 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

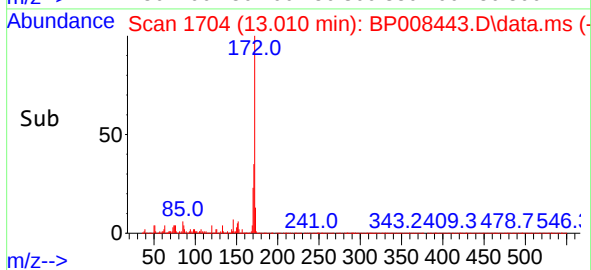
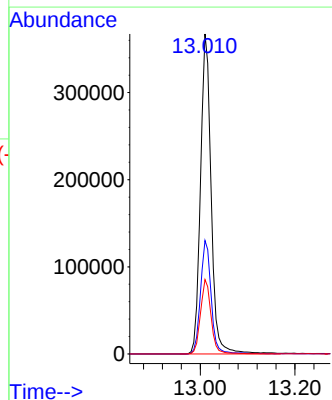
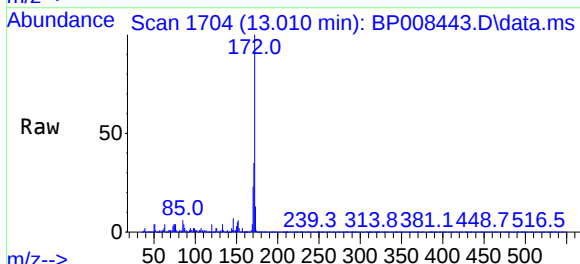
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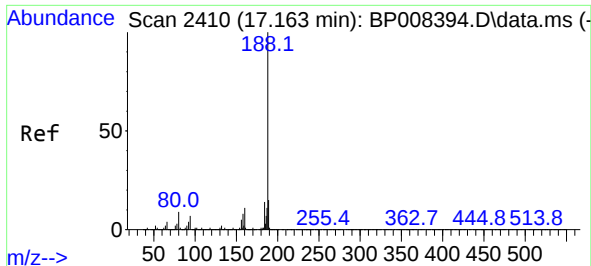
Tgt Ion:330 Resp: 189888
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.4
141 31.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 59.947 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

Tgt Ion:172 Resp: 573106
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.2 18.9 28.3

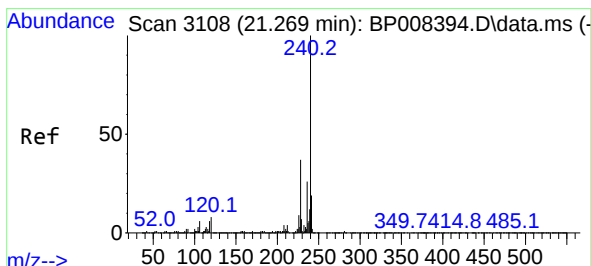
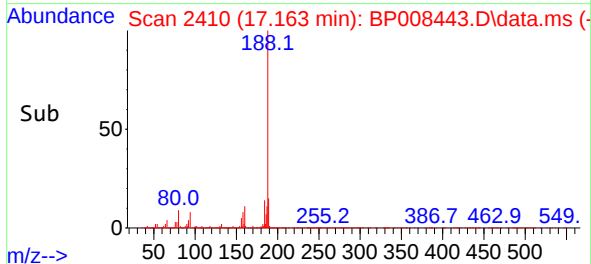
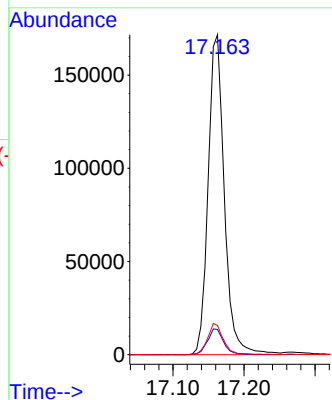
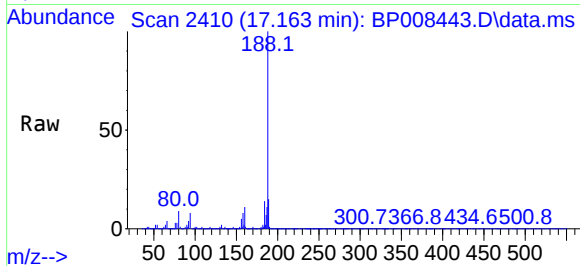




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

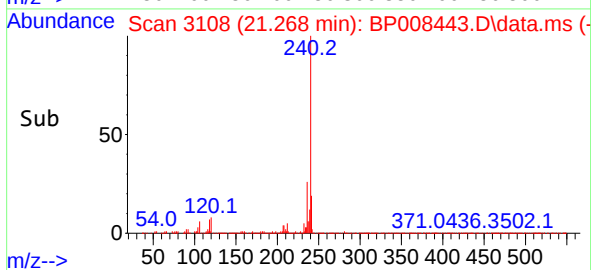
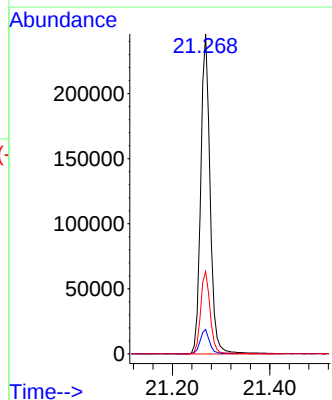
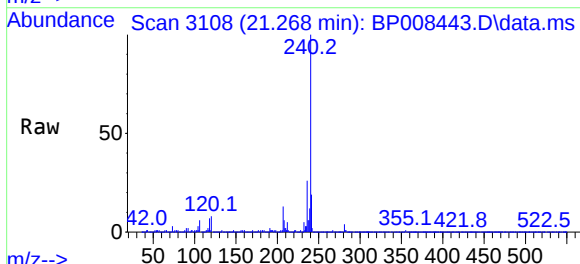
Instrument :
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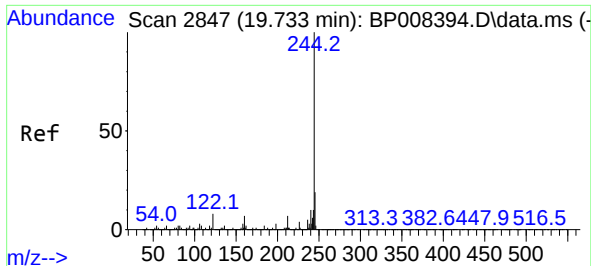
Tgt Ion:188 Resp: 272535
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.268 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008443.D
Acq: 16 Dec 2021 07:55

Tgt Ion:240 Resp: 329069
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 25.8 21.4 32.2



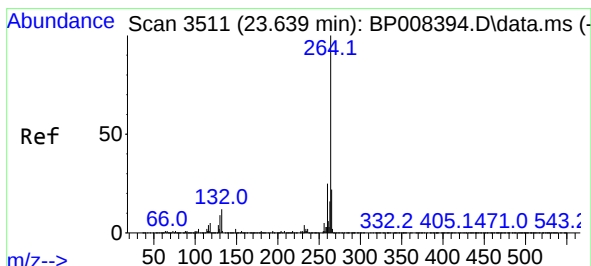
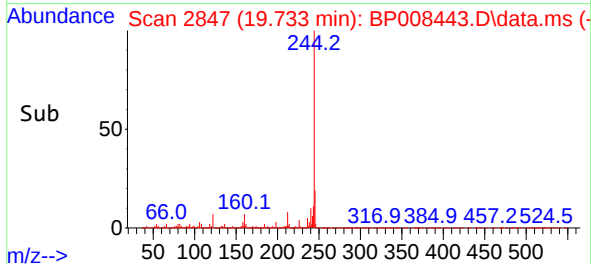
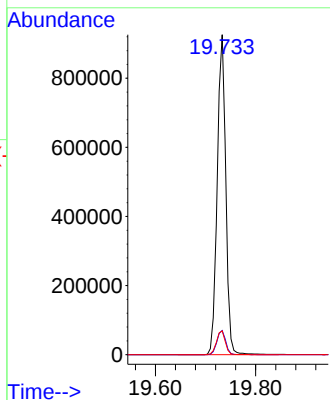
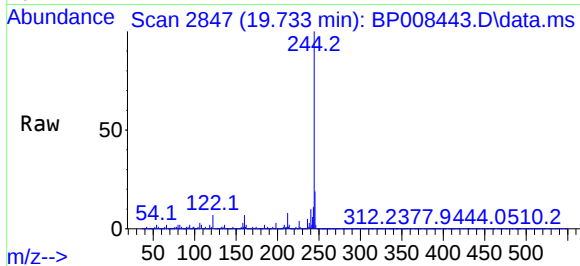


#79
 Terphenyl-d14
 Concen: 58.025 ng
 RT: 19.733 min Scan# 2847
 Delta R.T. -0.000 min
 Lab File: BP008443.D
 Acq: 16 Dec 2021 07:55

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1097130

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	7.5	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 3511
 Delta R.T. -0.000 min
 Lab File: BP008443.D
 Acq: 16 Dec 2021 07:55

Tgt Ion:264 Resp: 379824

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.0	17.6	26.4

