

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008444.D
 Acq On : 16 Dec 2021 08:29
 Operator : CG/JU
 Sample : M5022-19
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP11

Quant Time: Dec 16 09:15:46 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	51433	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	179841	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	117413	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	266896	20.000	ng	0.00
76) Chrysene-d12	21.269	240	329022	20.000	ng	0.00
86) Perylene-d12	23.633	264	373220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	371662	114.118	ng	0.00
7) Phenol-d6	6.940	99	454751	103.964	ng	0.00
23) Nitrobenzene-d5	8.905	82	321354	75.701	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	201158	116.581	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	609682	66.009	ng	0.00
79) Terphenyl-d14	19.733	244	1187719	62.825	ng	0.00

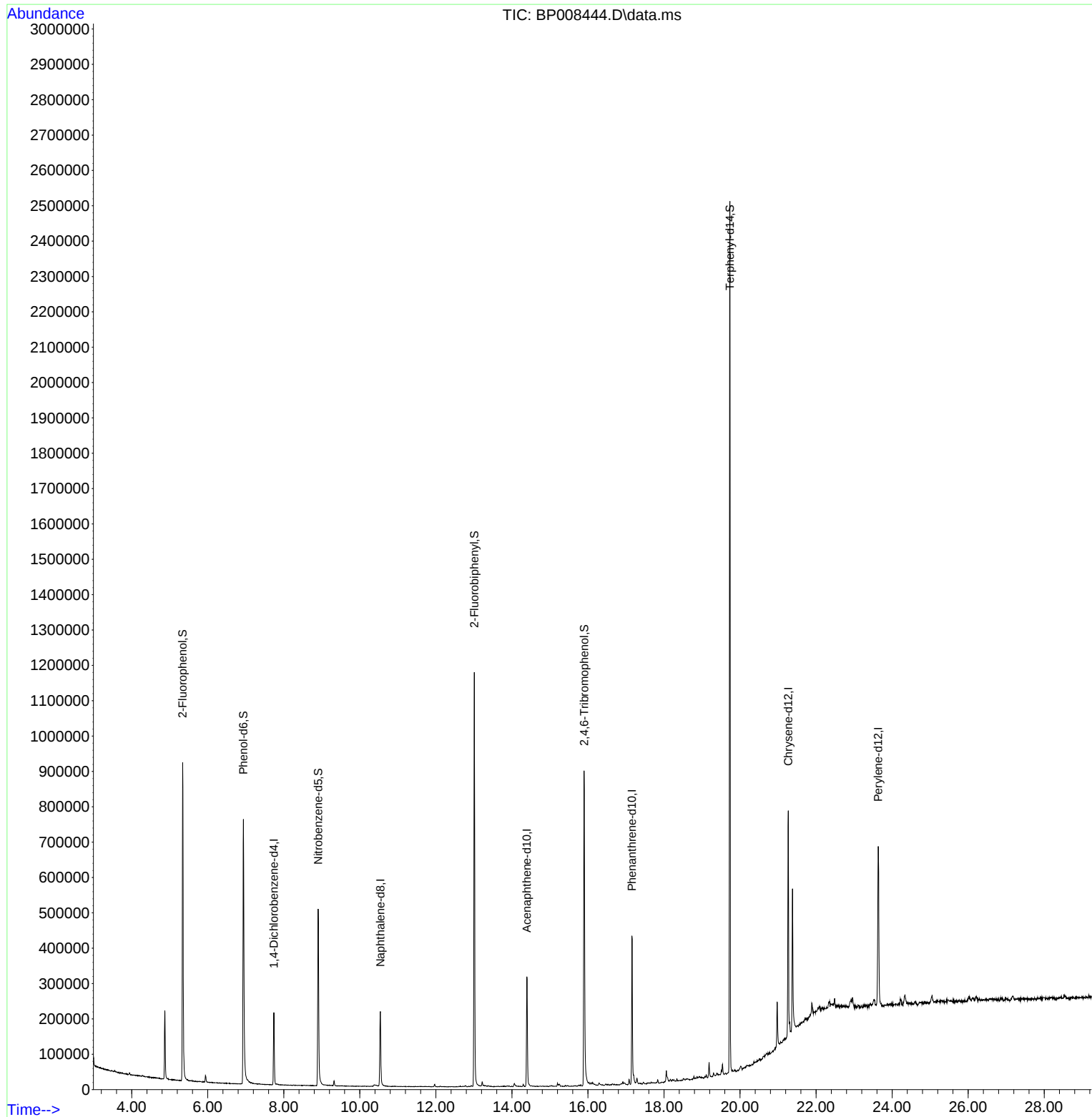
Target Compounds	Qvalue

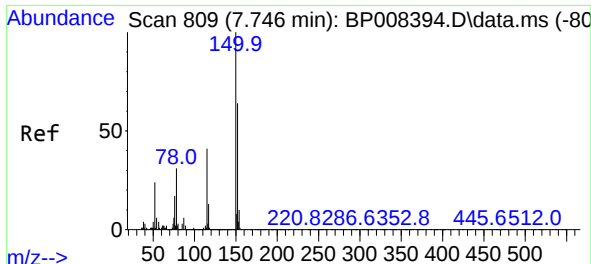
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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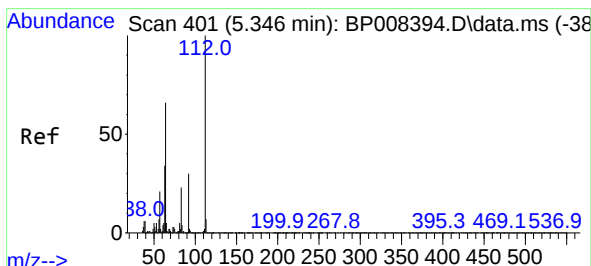
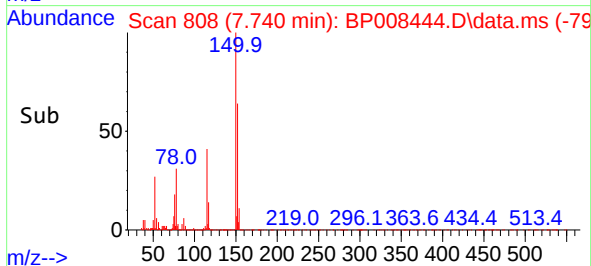
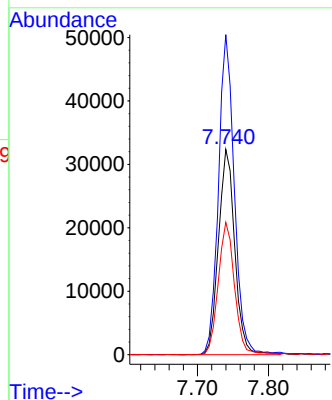
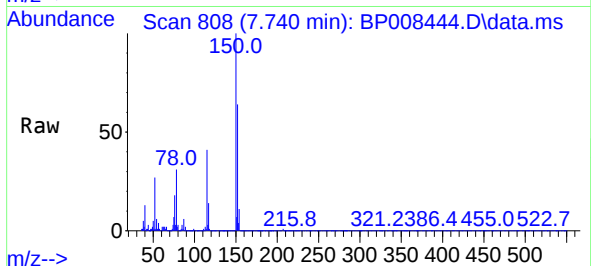




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

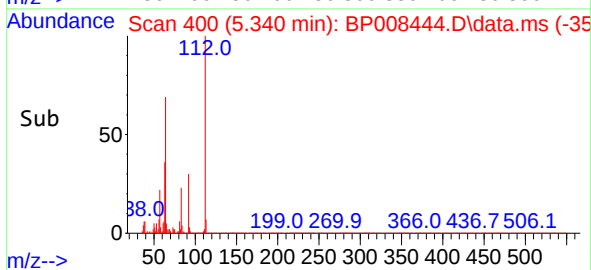
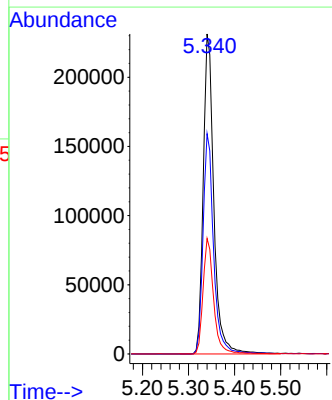
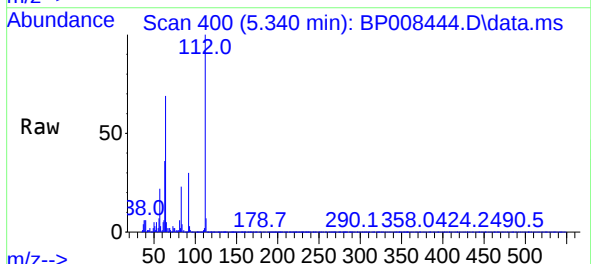
Instrument :
BNA_P
ClientSampleId :
TP11

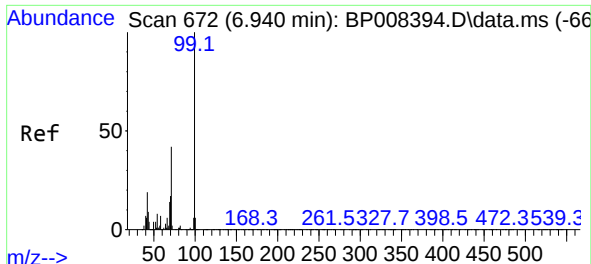
Tgt Ion:152 Resp: 51433
Ion Ratio Lower Upper
152 100
150 155.9 125.7 188.5
115 64.5 50.7 76.1



#5
2-Fluorophenol
Concen: 114.118 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

Tgt Ion:112 Resp: 371662
Ion Ratio Lower Upper
112 100
64 68.8 53.4 80.2
63 36.1 27.8 41.8





Phenol-d6

Concen: 103.964 ng

RT: 6.940 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP008444.D

Acq: 16 Dec 2021 08:29

Instrument :

BNA_P

ClientSampleId :

TP11

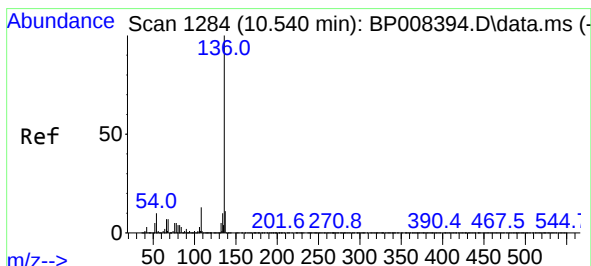
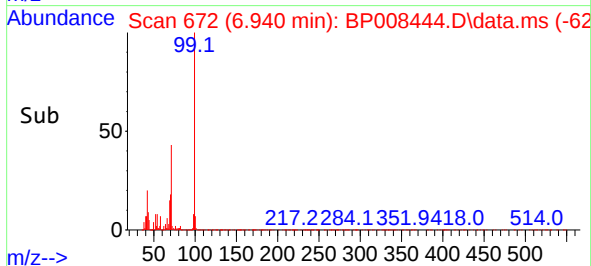
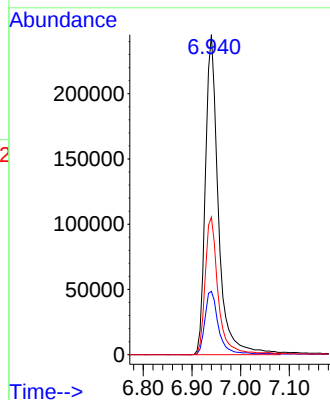
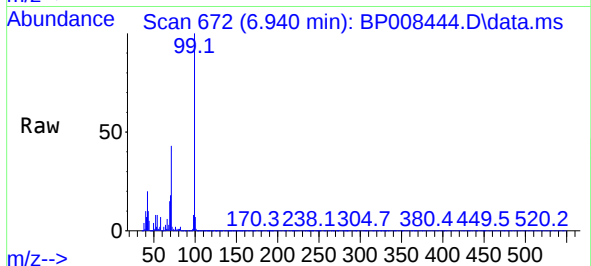
Tgt Ion: 99 Resp: 454751

Ion Ratio Lower Upper

99 100

42 19.8 14.6 22.0

71 43.0 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.540 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BP008444.D

Acq: 16 Dec 2021 08:29

Tgt Ion: 136 Resp: 179841

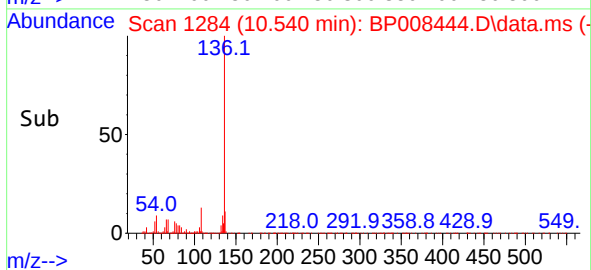
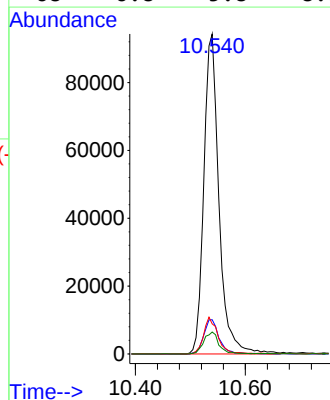
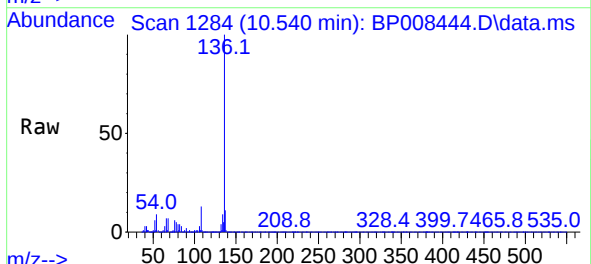
Ion Ratio Lower Upper

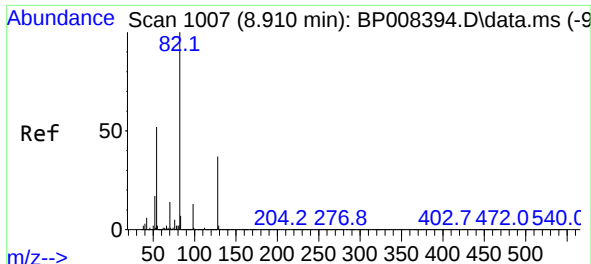
136 100

137 10.7 9.0 13.6

54 9.4 8.2 12.4

68 6.8 5.8 8.8





#23

Nitrobenzene-d5

Concen: 75.701 ng

RT: 8.905 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BP008444.D

Acq: 16 Dec 2021 08:29

Instrument :

BNA_P

ClientSampleId :

TP11

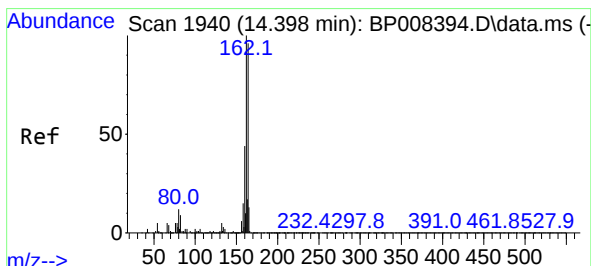
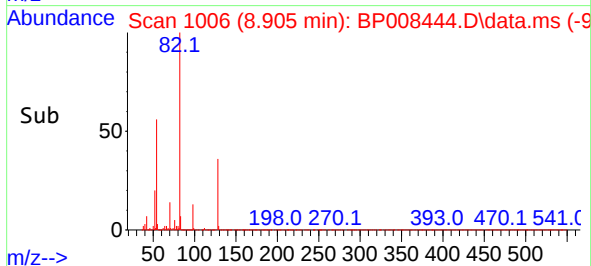
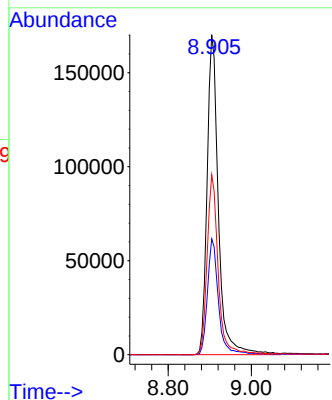
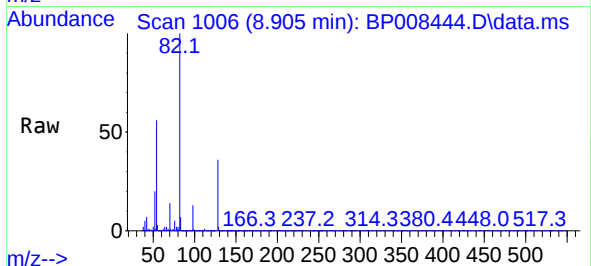
Tgt Ion: 82 Resp: 321354

Ion Ratio Lower Upper

82 100

128 36.2 29.6 44.4

54 56.2 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: BP008444.D

Acq: 16 Dec 2021 08:29

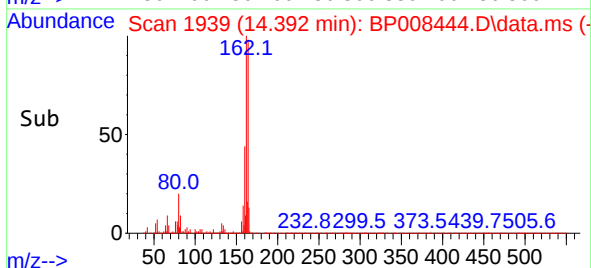
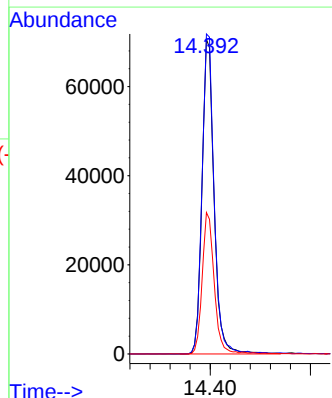
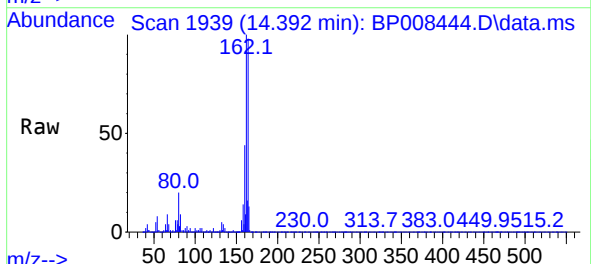
Tgt Ion:164 Resp: 117413

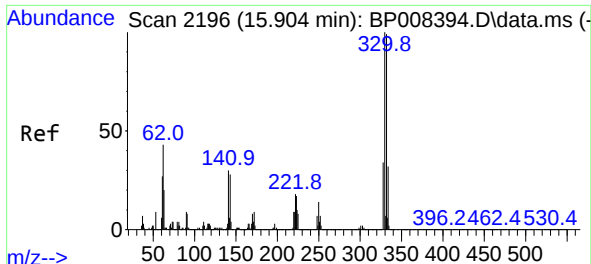
Ion Ratio Lower Upper

164 100

162 101.7 81.9 122.9

160 44.9 35.4 53.0

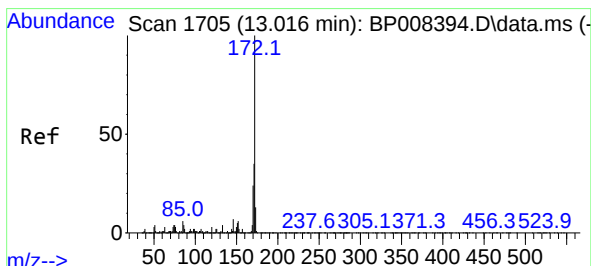
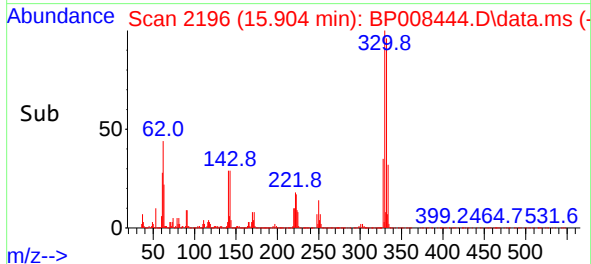
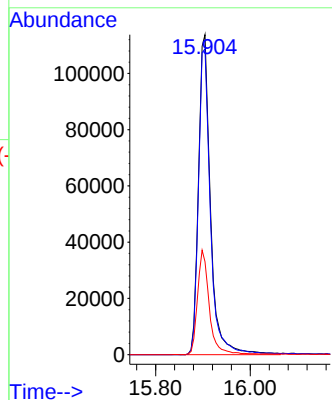
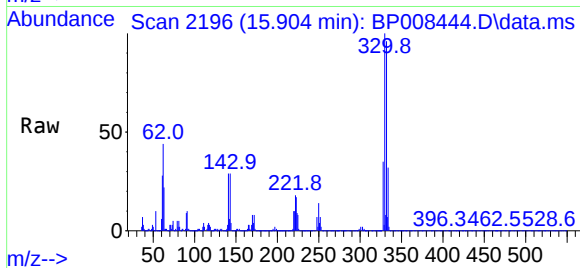




#42
2,4,6-Tribromophenol
Concen: 116.581 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

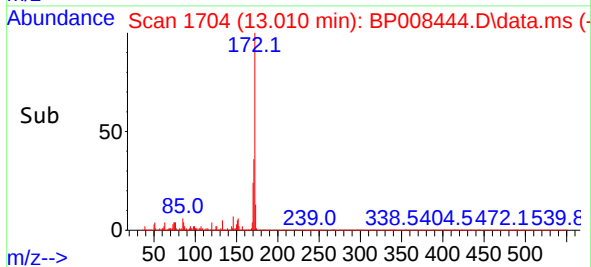
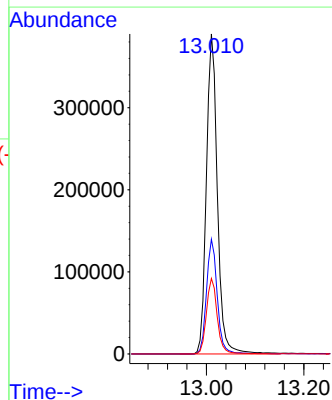
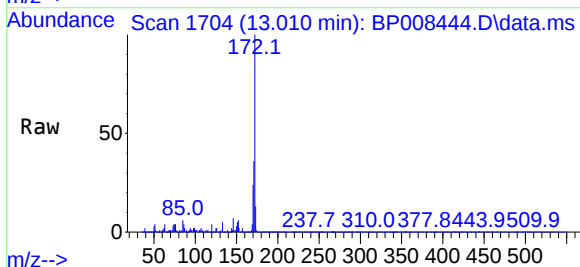
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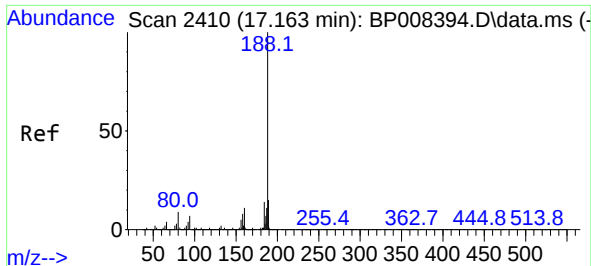
Tgt Ion:330 Resp: 201158
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.4
141 32.4 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 66.009 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

Tgt Ion:172 Resp: 609682
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.6 18.9 28.3

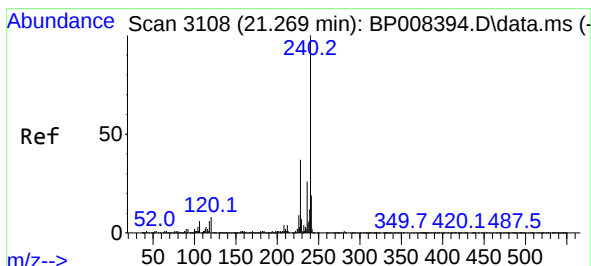
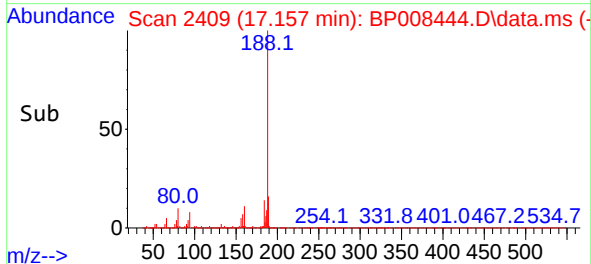
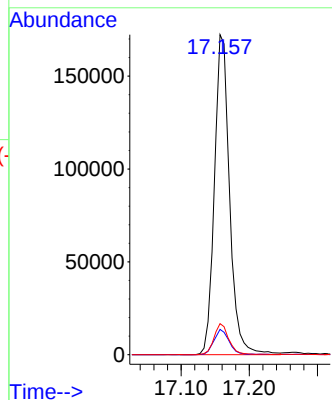
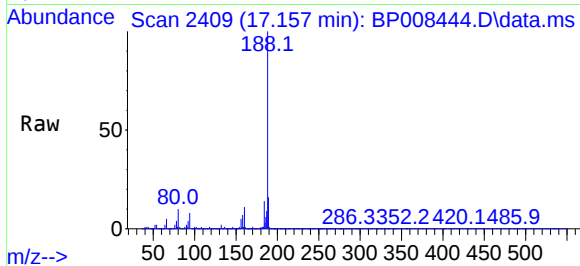




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

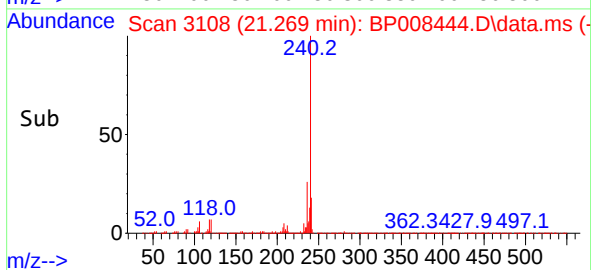
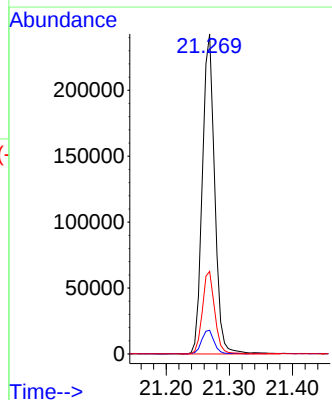
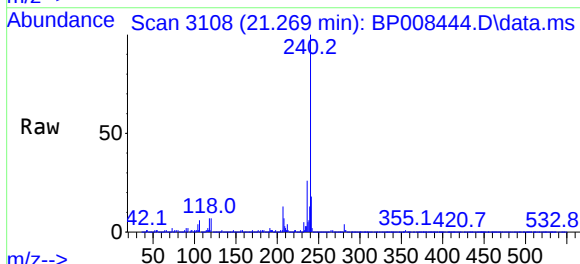
Instrument :
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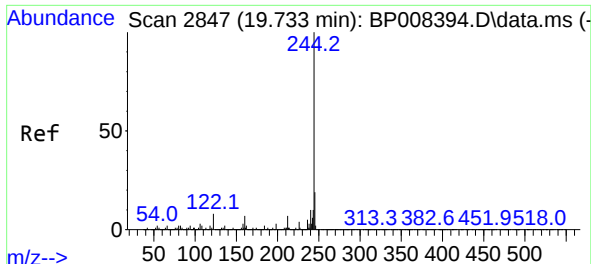
Tgt Ion:188 Resp: 266896
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008444.D
Acq: 16 Dec 2021 08:29

Tgt Ion:240 Resp: 329022
Ion Ratio Lower Upper
240 100
120 7.4 7.3 10.9
236 25.8 21.4 32.2



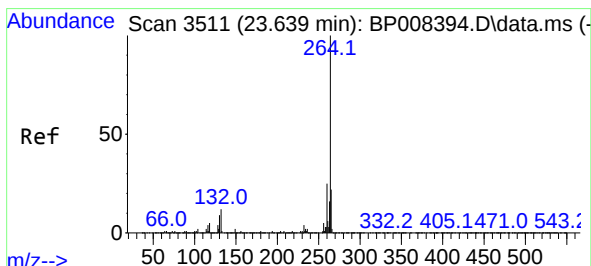
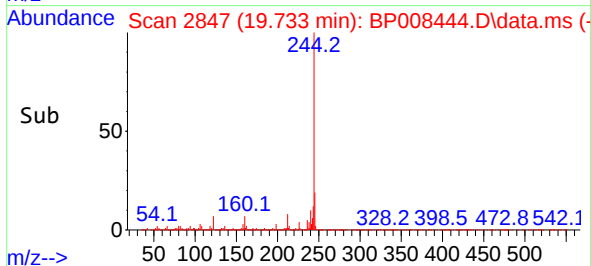
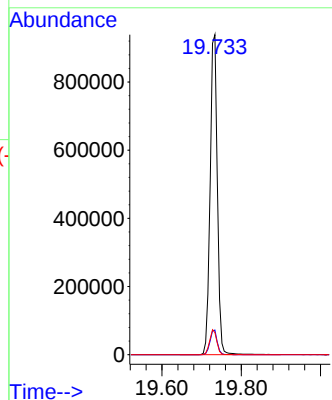
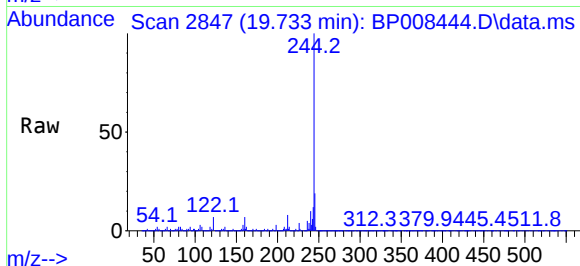


#79
 Terphenyl-d14
 Concen: 62.825 ng
 RT: 19.733 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP008444.D
 Acq: 16 Dec 2021 08:29

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1187719

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	6.9	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.633 min Scan# 3510
 Delta R.T. -0.006 min
 Lab File: BP008444.D
 Acq: 16 Dec 2021 08:29

Tgt Ion:264 Resp: 373220

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.3	17.6	26.4

