

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008402.D
 Acq On : 14 Dec 2021 20:13
 Operator : CG/JU
 Sample : M5018-59
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP8

Quant Time: Dec 15 02:00:02 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	7.746	152	50163	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	185322	20.000	ng	# 0.00
39) Acenaphthene-d10	14.398	164	118818	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	262010	20.000	ng	0.00
76) Chrysene-d12	21.269	240	319904	20.000	ng	0.00
86) Perylene-d12	23.639	264	367430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	360044	113.350	ng	0.00
7) Phenol-d6	6.946	99	453943	106.407	ng	0.00
23) Nitrobenzene-d5	8.911	82	307552	70.307	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	204681	117.220	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	646631	69.181	ng	0.00
79) Terphenyl-d14	19.733	244	1190960	64.792	ng	0.00

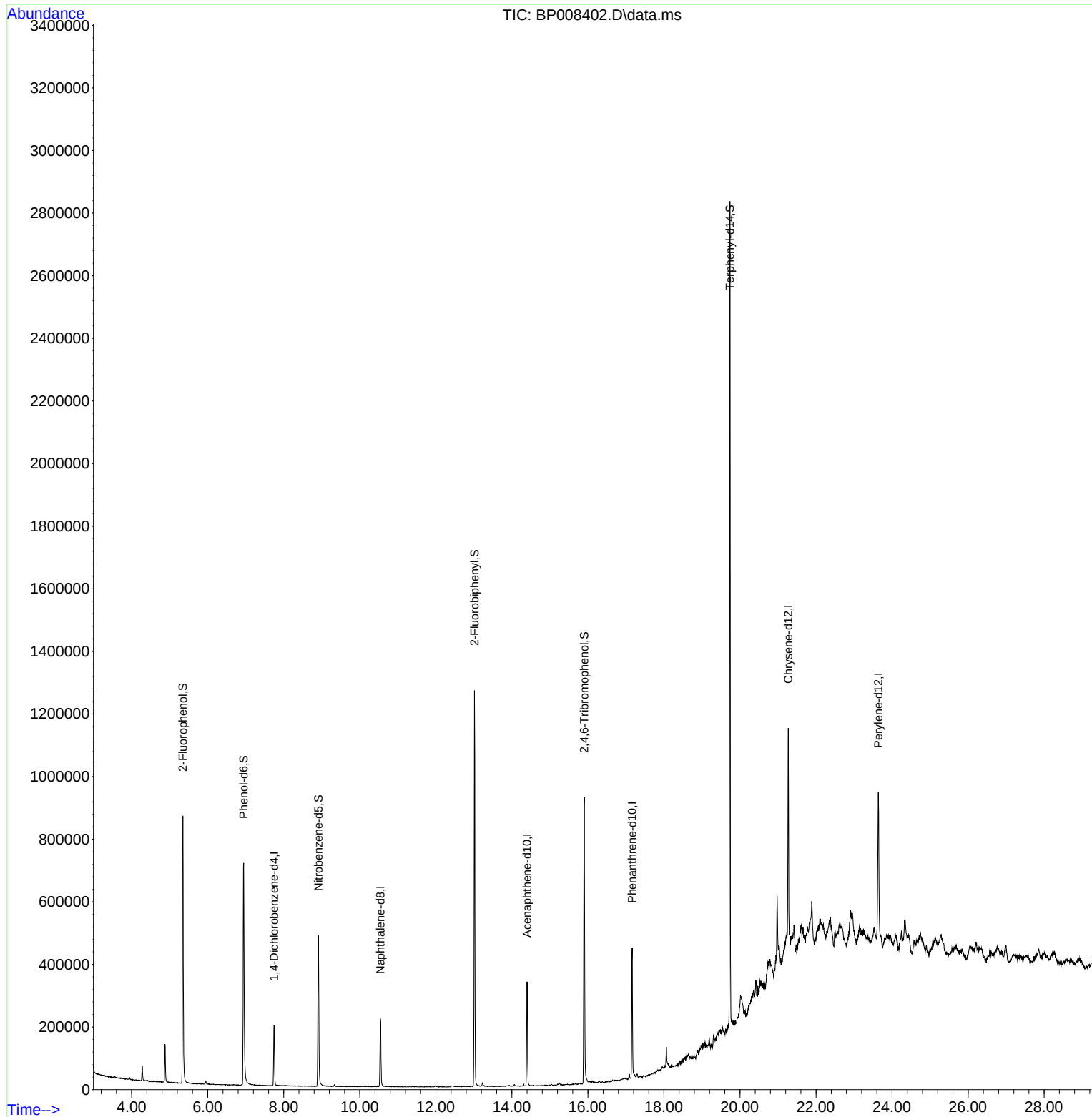
Target Compounds	Qvalue

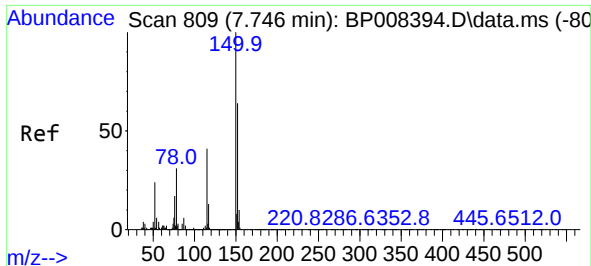
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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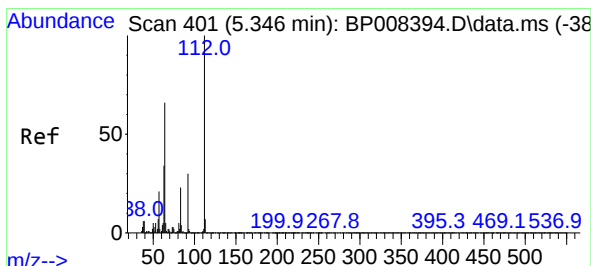
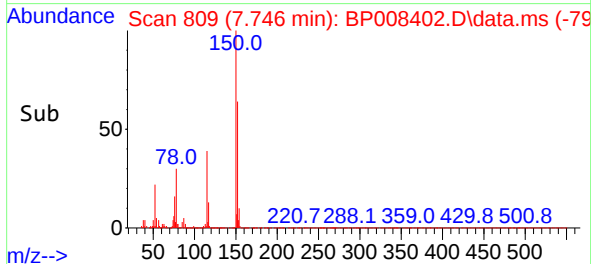
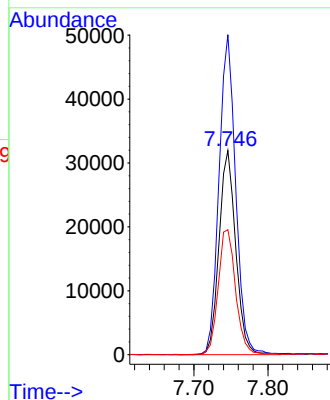
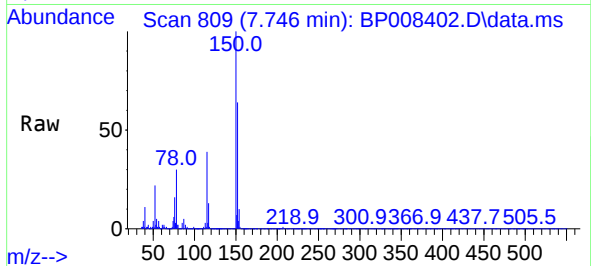




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

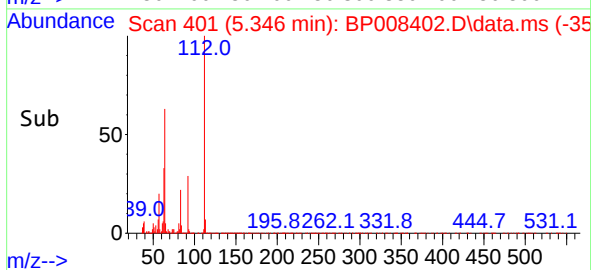
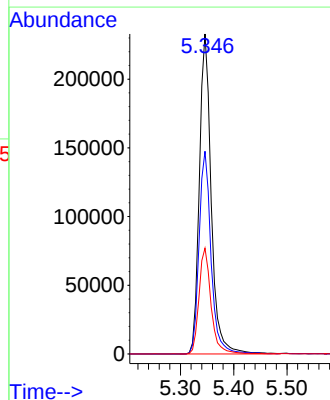
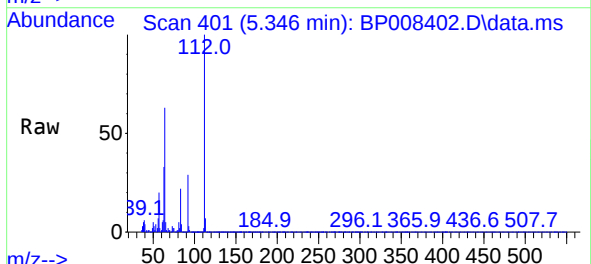
Instrument :
BNA_P
ClientSampleId :
TP8

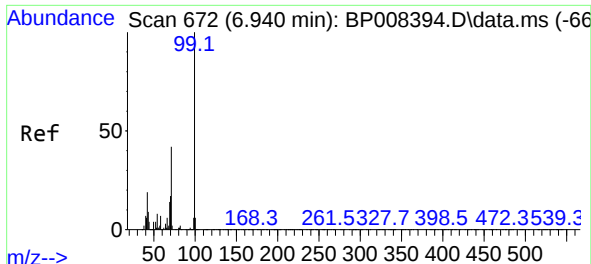
Tgt Ion:152 Resp: 50163
Ion Ratio Lower Upper
152 100
150 156.7 125.7 188.5
115 61.2 50.7 76.1



#5
2-Fluorophenol
Concen: 113.350 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

Tgt Ion:112 Resp: 360044
Ion Ratio Lower Upper
112 100
64 63.3 53.4 80.2
63 33.0 27.8 41.8





Phenol-d6

Concen: 106.407 ng

RT: 6.946 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP008402.D

Acq: 14 Dec 2021 20:13

Instrument :

BNA_P

ClientSampleId :

TP8

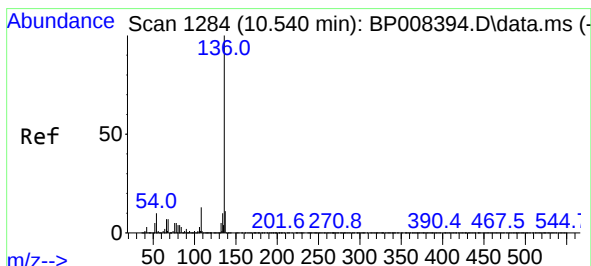
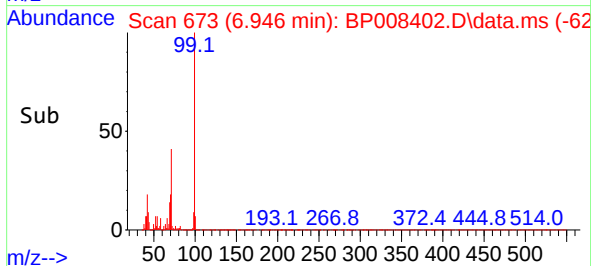
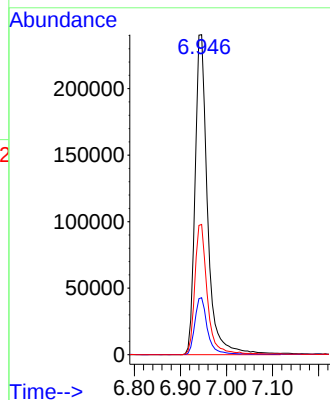
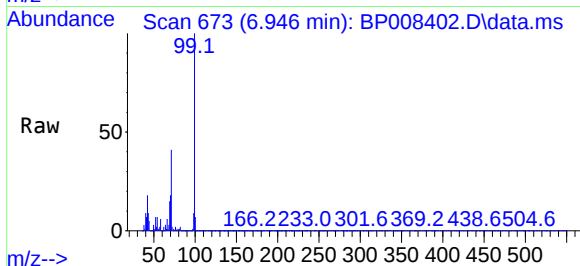
Tgt Ion: 99 Resp: 453943

Ion Ratio Lower Upper

99 100

42 17.8 14.6 22.0

71 40.7 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: BP008402.D

Acq: 14 Dec 2021 20:13

Tgt Ion: 136 Resp: 185322

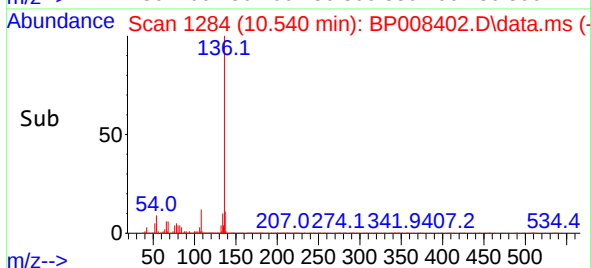
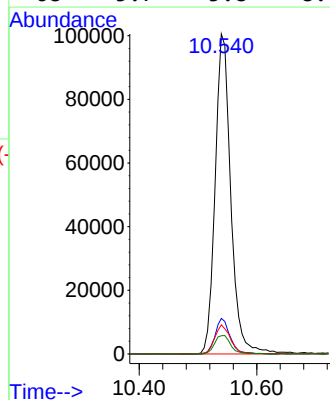
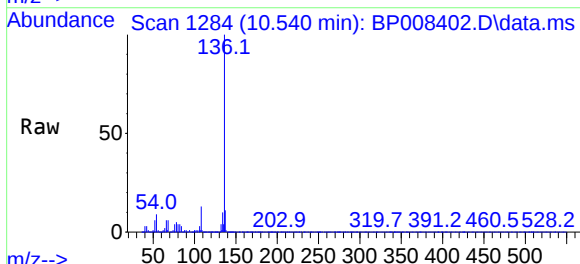
Ion Ratio Lower Upper

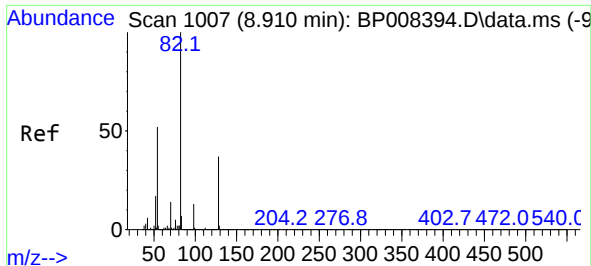
136 100

137 11.1 9.0 13.6

54 9.1 8.2 12.4

68 5.7 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 70.307 ng

RT: 8.911 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BP008402.D

Acq: 14 Dec 2021 20:13

Instrument :

BNA_P

ClientSampleId :

TP8

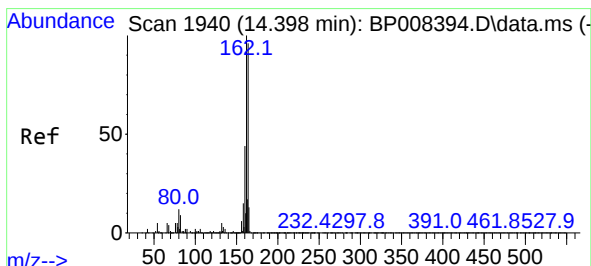
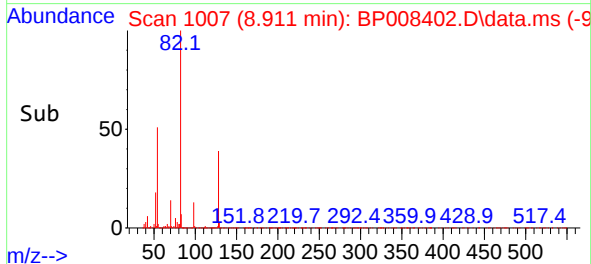
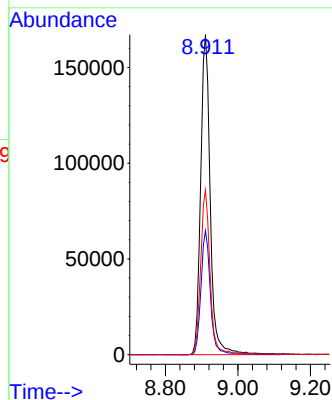
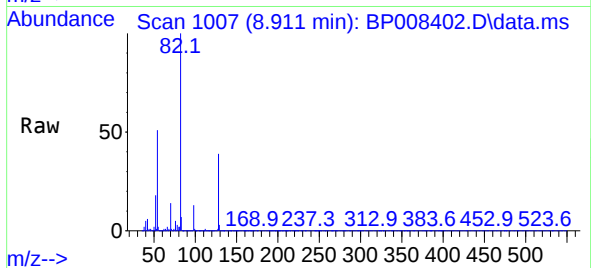
Tgt Ion: 82 Resp: 307552

Ion Ratio Lower Upper

82 100

128 38.7 29.6 44.4

54 51.5 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BP008402.D

Acq: 14 Dec 2021 20:13

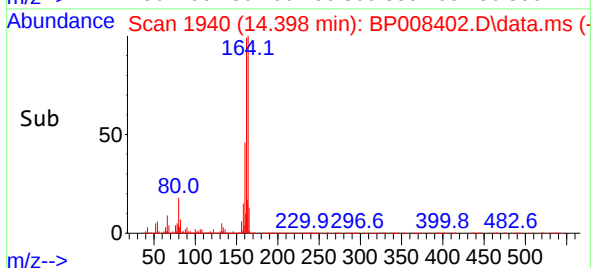
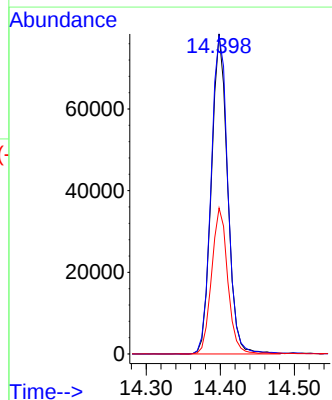
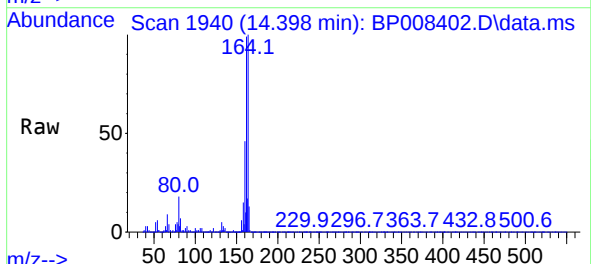
Tgt Ion:164 Resp: 118818

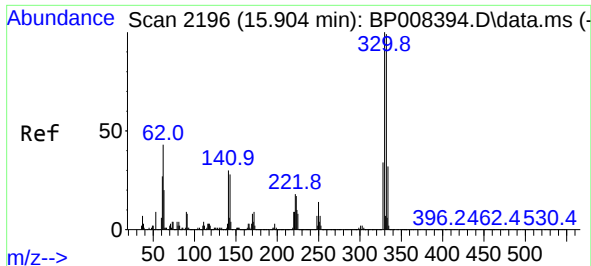
Ion Ratio Lower Upper

164 100

162 99.3 81.9 122.9

160 45.6 35.4 53.0

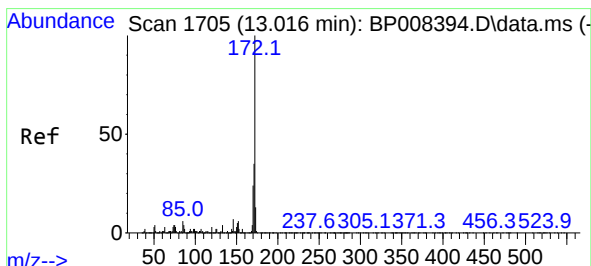
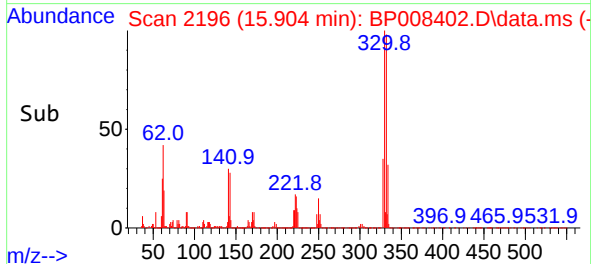
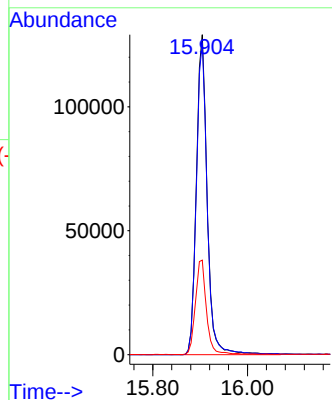
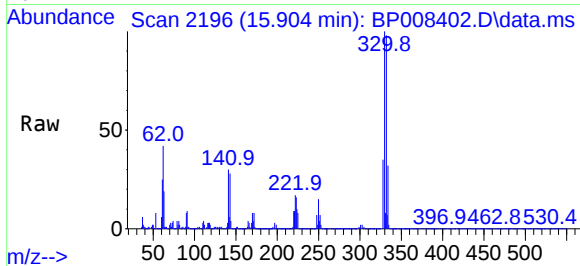




#42
2,4,6-Tribromophenol
Concen: 117.220 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

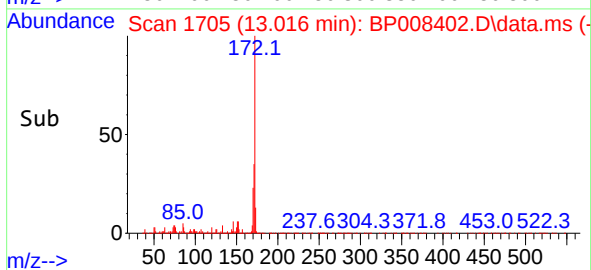
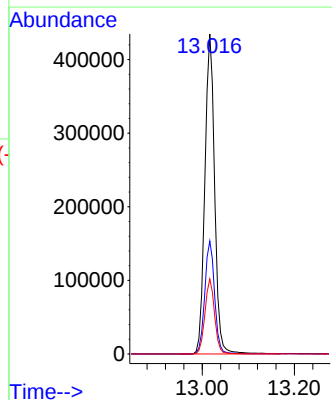
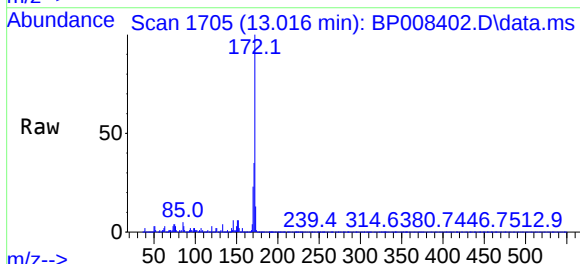
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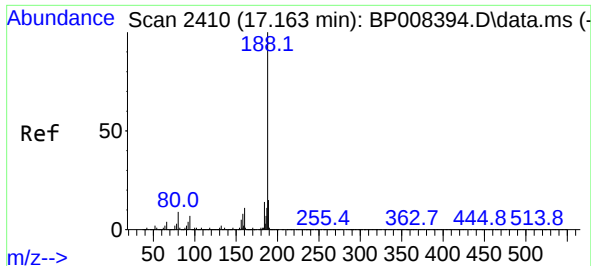
Tgt Ion:330 Resp: 204681
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.4
141 30.3 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 69.181 ng
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

Tgt Ion:172 Resp: 646631
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.4 18.9 28.3

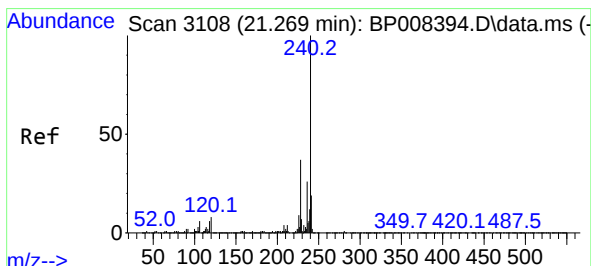
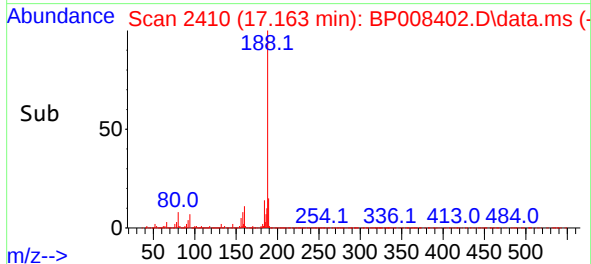
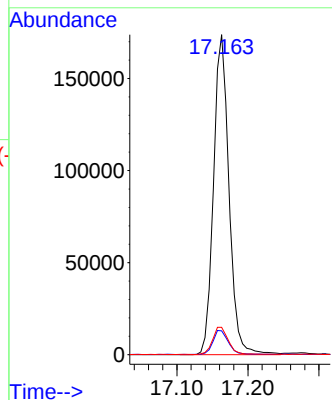
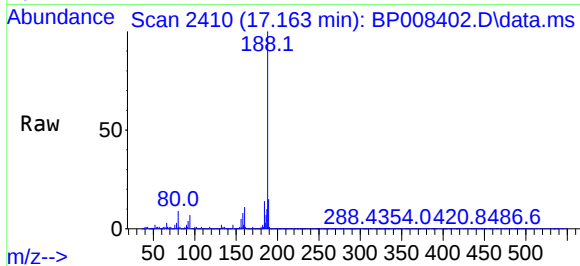




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

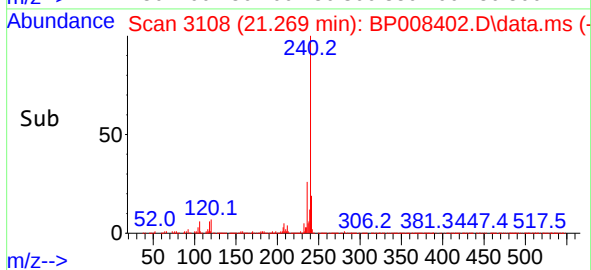
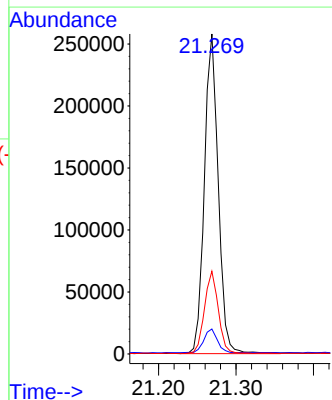
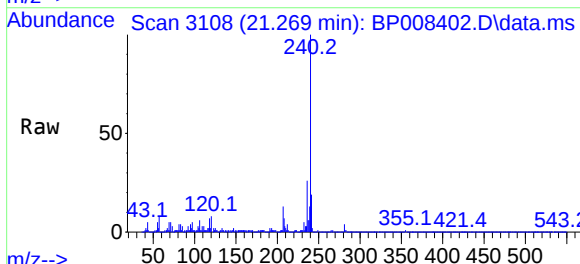
Instrument :
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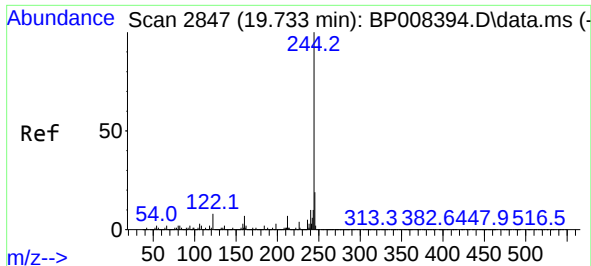
Tgt Ion:188 Resp: 262010
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 8.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008402.D
Acq: 14 Dec 2021 20:13

Tgt Ion:240 Resp: 319904
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 25.9 21.4 32.2



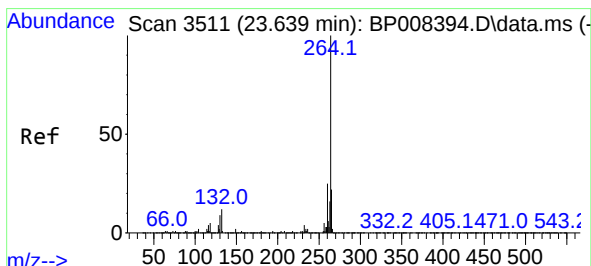
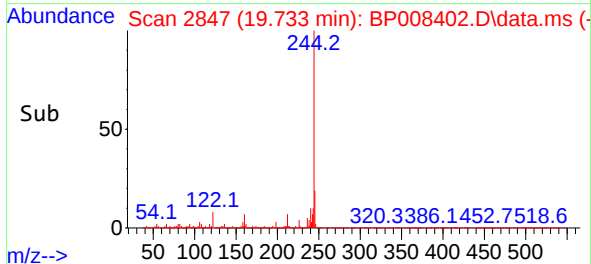
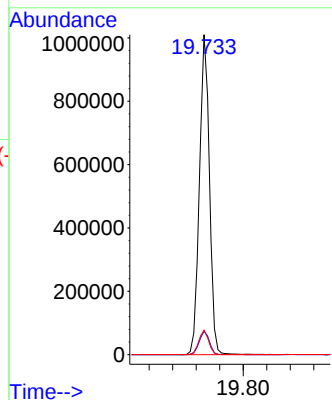
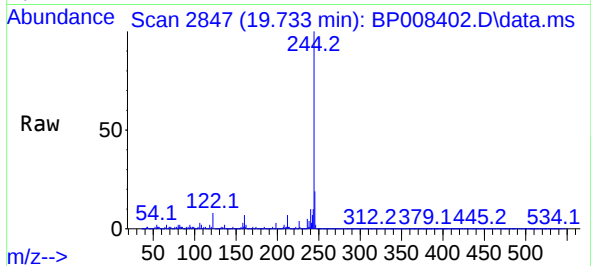


#79
 Terphenyl-d14
 Concen: 64.792 ng
 RT: 19.733 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BP008402.D
 Acq: 14 Dec 2021 20:13

Instrument :
 BNA_P
 ClientSampleId :
 TP8

Tgt Ion:244 Resp: 1190960

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	7.7	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: BP008402.D
 Acq: 14 Dec 2021 20:13

Tgt Ion:264 Resp: 367430

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.8	17.6	26.4

