

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008438.D
 Acq On : 16 Dec 2021 05:06
 Operator : CG/JU
 Sample : M5022-49
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP14

Quant Time: Dec 16 06:48:56 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	54576	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	196270	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	135270	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	303316	20.000	ng	0.00
76) Chrysene-d12	21.269	240	345514	20.000	ng	# 0.00
86) Perylene-d12	23.639	264	384210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	420888	121.790	ng	0.00
7) Phenol-d6	6.940	99	528398	113.844	ng	0.00
23) Nitrobenzene-d5	8.905	82	357353	77.135	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	227233	114.308	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	719573	67.622	ng	0.00
79) Terphenyl-d14	19.733	244	1334756	67.233	ng	0.00

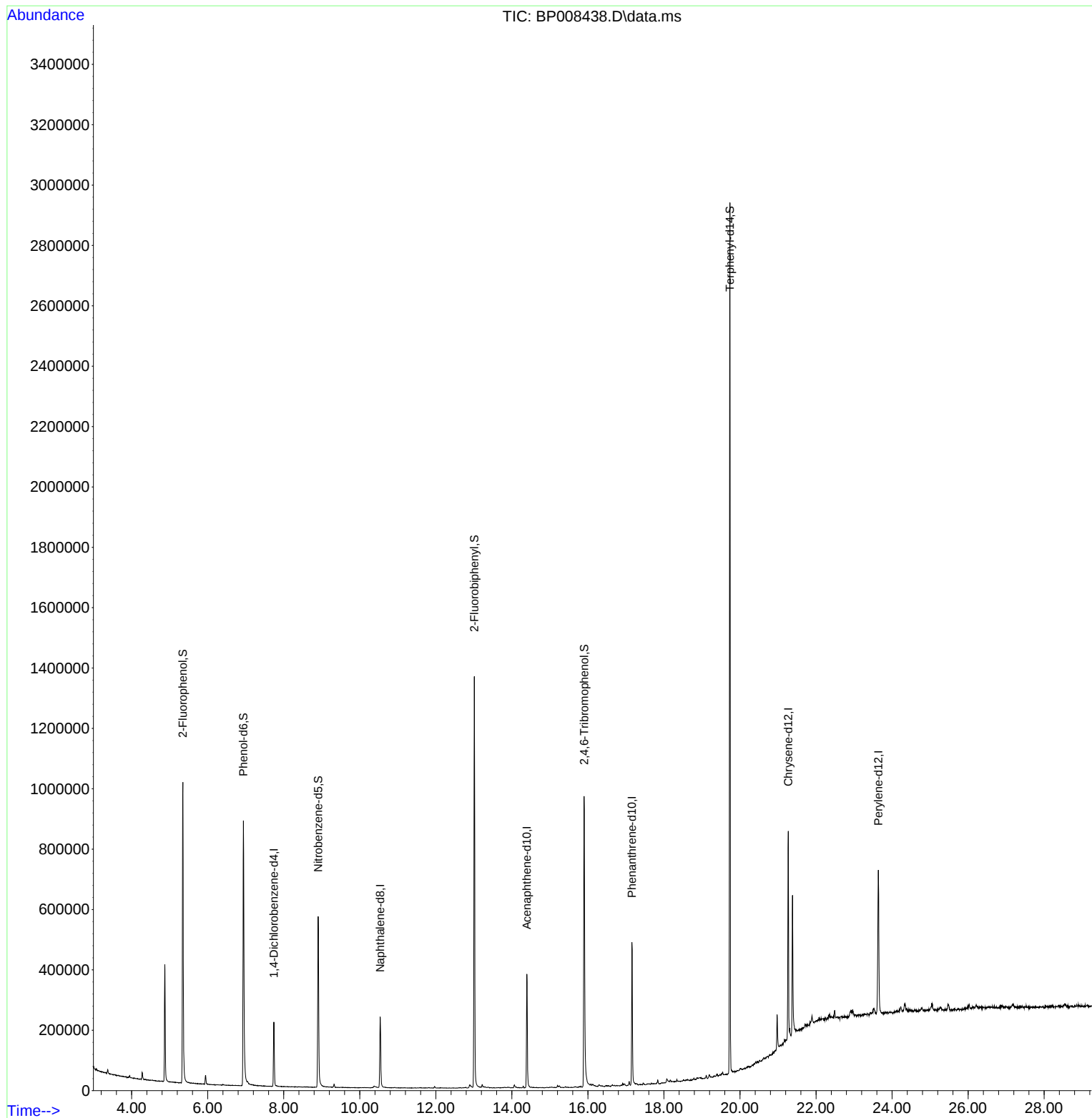
Target Compounds	Qvalue

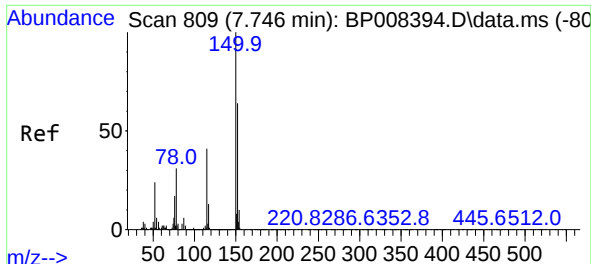
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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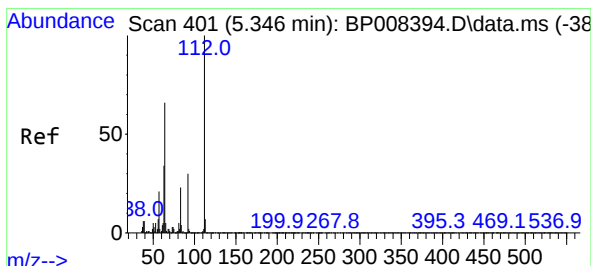
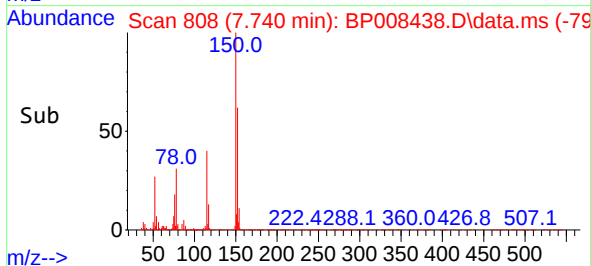
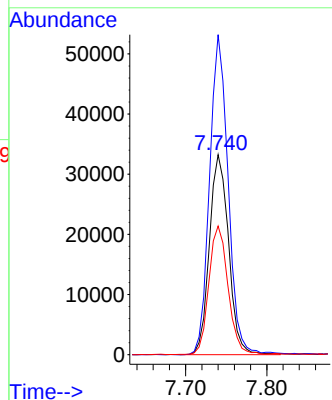
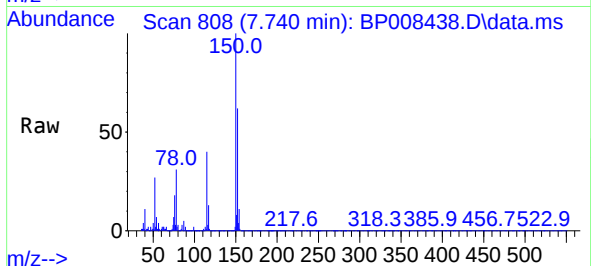




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

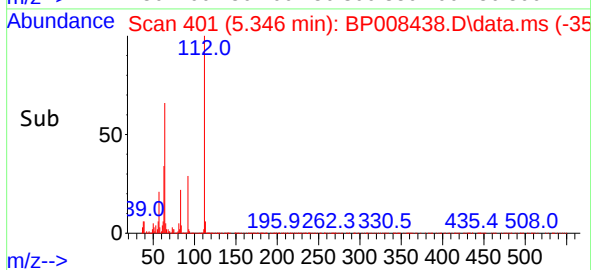
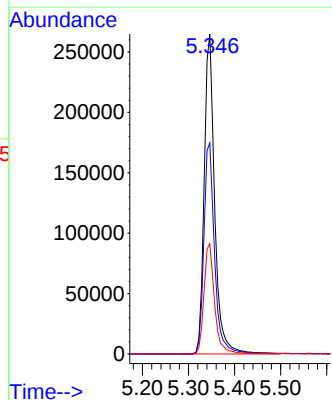
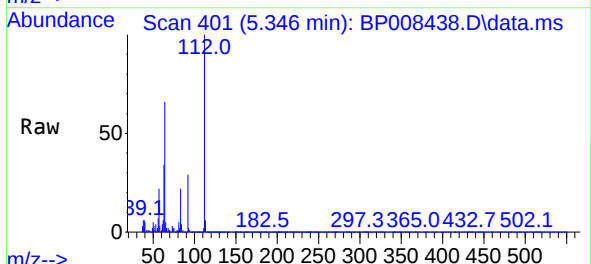
Instrument :
BNA_P
ClientSampleId :
TP14

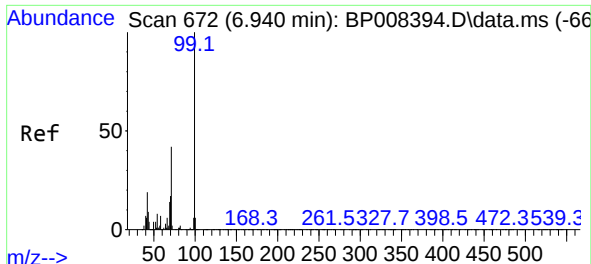
Tgt Ion:152 Resp: 54576
Ion Ratio Lower Upper
152 100
150 160.0 125.7 188.5
115 64.3 50.7 76.1



#5
2-Fluorophenol
Concen: 121.790 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

Tgt Ion:112 Resp: 420888
Ion Ratio Lower Upper
112 100
64 65.9 53.4 80.2
63 34.5 27.8 41.8





Phenol-d6

Concen: 113.844 ng

RT: 6.940 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP008438.D

Acq: 16 Dec 2021 05:06

Instrument :

BNA_P

ClientSampleId :

TP14

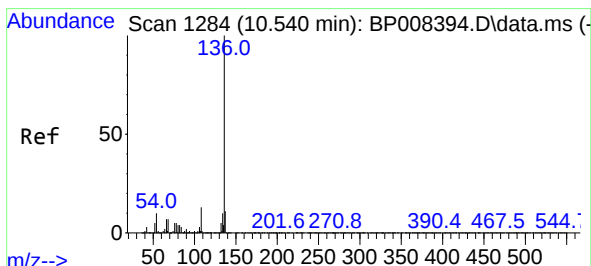
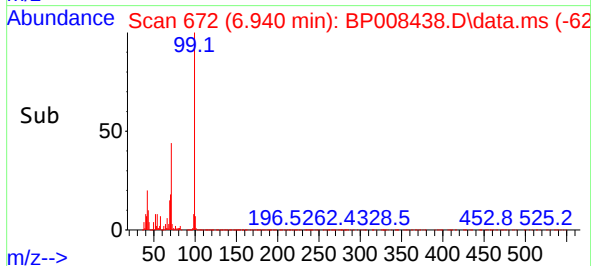
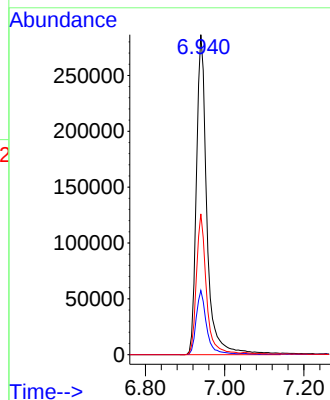
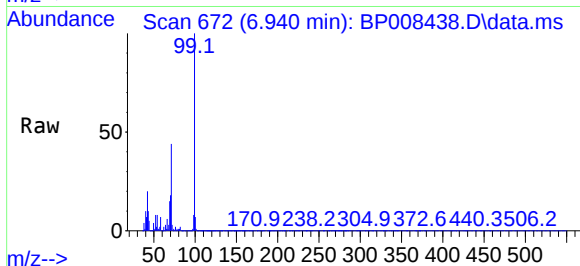
Tgt Ion: 99 Resp: 528398

Ion Ratio Lower Upper

99 100

42 20.0 14.6 22.0

71 44.0 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.534 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BP008438.D

Acq: 16 Dec 2021 05:06

Tgt Ion: 136 Resp: 196270

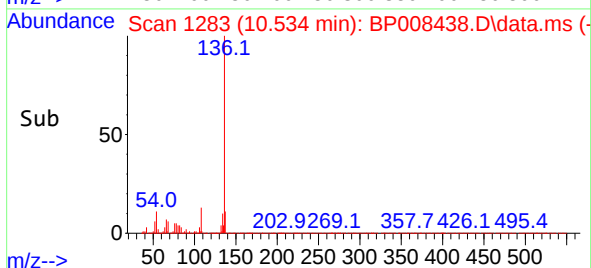
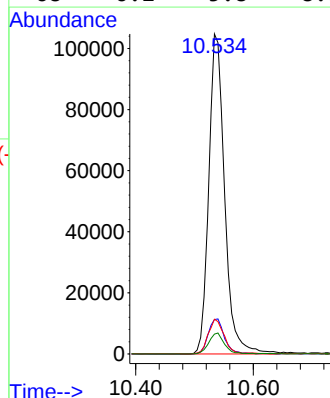
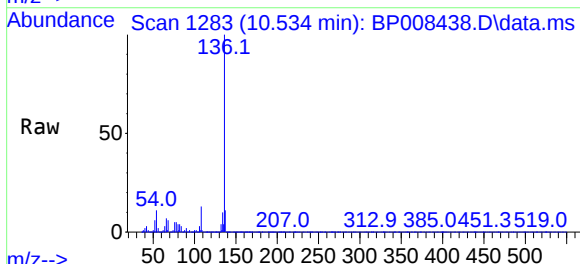
Ion Ratio Lower Upper

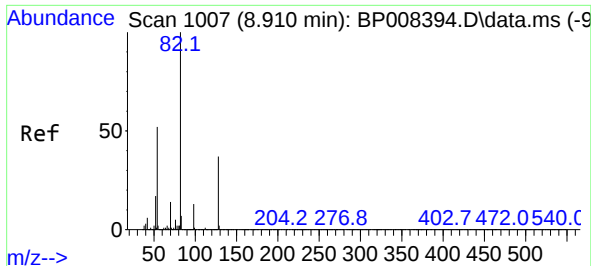
136 100

137 10.8 9.0 13.6

54 10.8 8.2 12.4

68 6.2 5.8 8.8

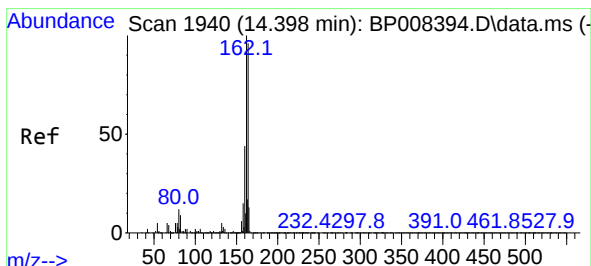
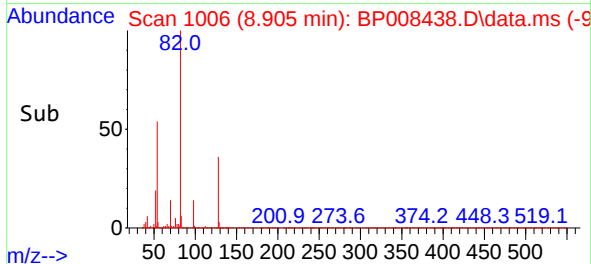
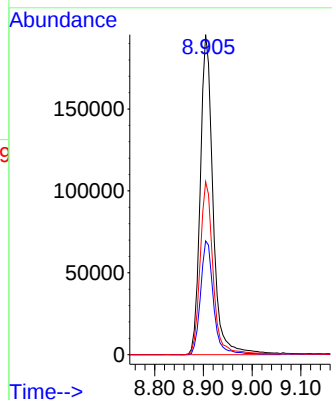
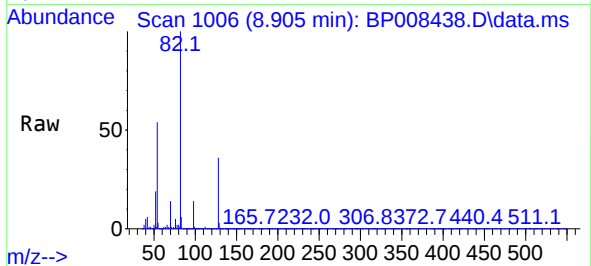




#23
Nitrobenzene-d5
Concen: 77.135 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

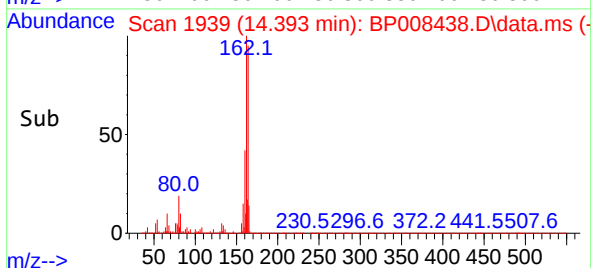
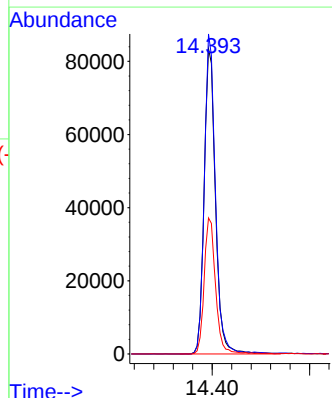
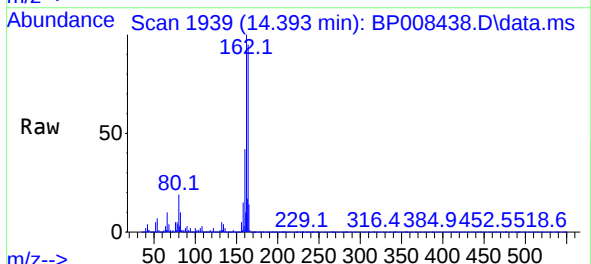
Instrument :
BNA_P
ClientSampleId :
TP14

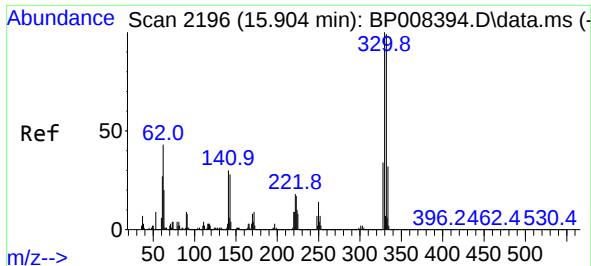
Tgt Ion: 82 Resp: 357353
Ion Ratio Lower Upper
82 100
128 35.6 29.6 44.4
54 54.1 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

Tgt Ion: 164 Resp: 135270
Ion Ratio Lower Upper
164 100
162 104.8 81.9 122.9
160 44.5 35.4 53.0

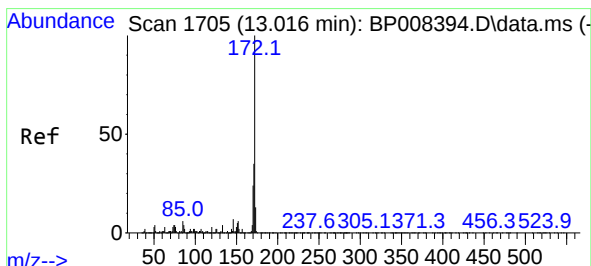
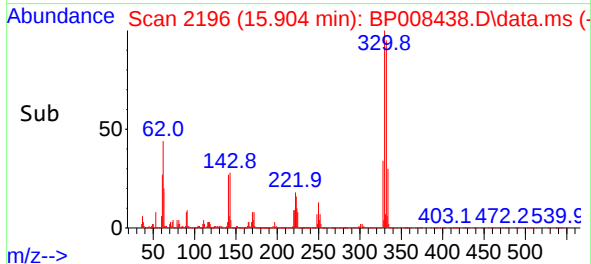
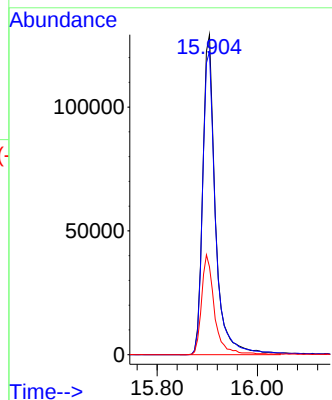
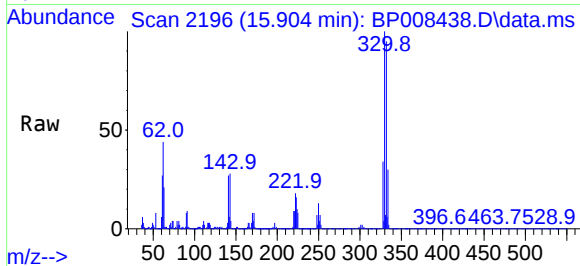




#42
2,4,6-Tribromophenol
Concen: 114.308 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

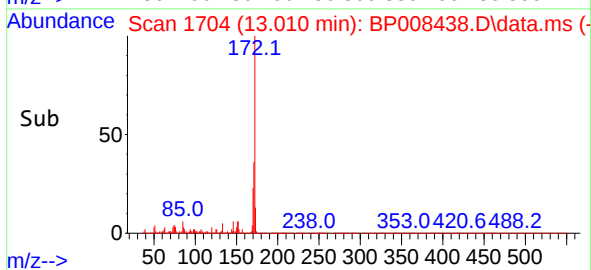
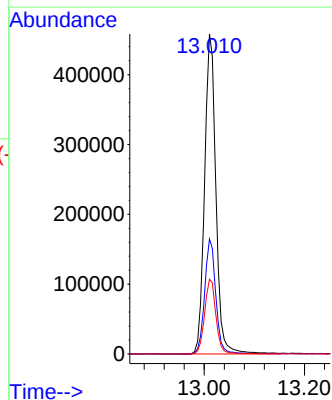
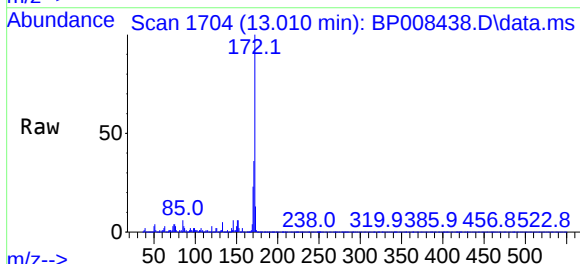
Instrument :
BNA_P
ClientSampleId :
TP14

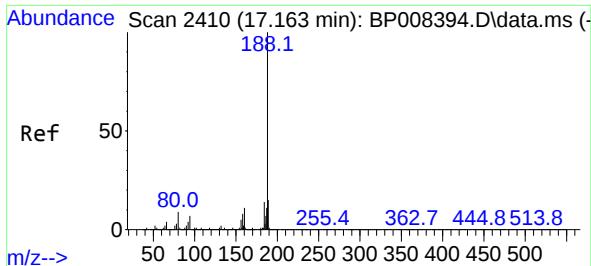
Tgt Ion:330 Resp: 227233
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 31.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 67.622 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

Tgt Ion:172 Resp: 719573
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 23.3 18.9 28.3

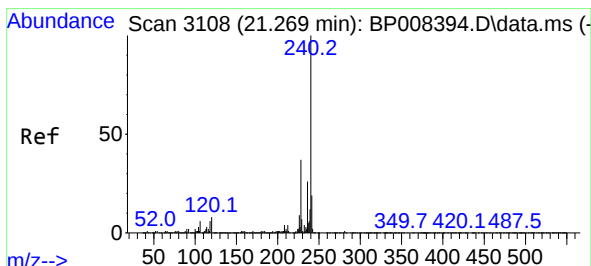
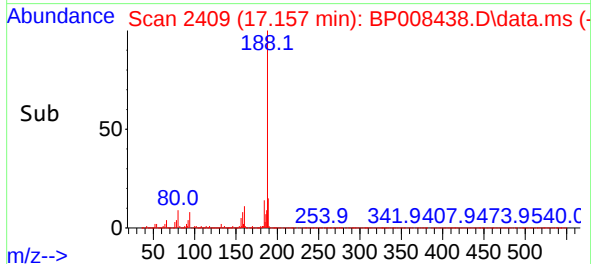
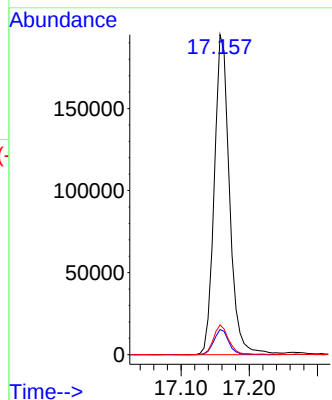
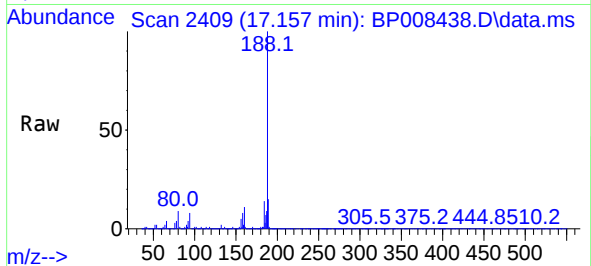




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

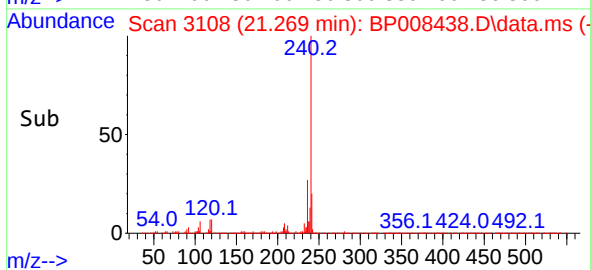
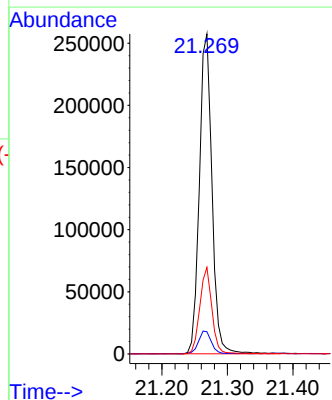
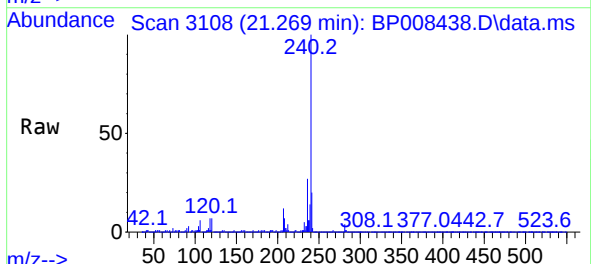
Instrument :
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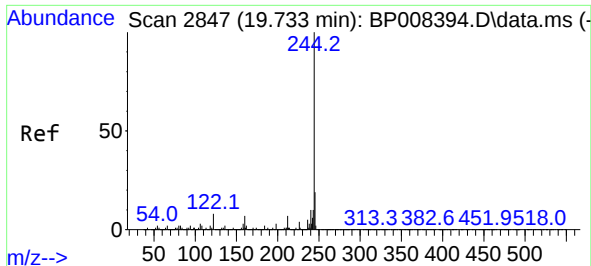
Tgt Ion:188 Resp: 303316
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008438.D
Acq: 16 Dec 2021 05:06

Tgt Ion:240 Resp: 345514
Ion Ratio Lower Upper
240 100
120 7.0 7.3 10.9#
236 27.1 21.4 32.2



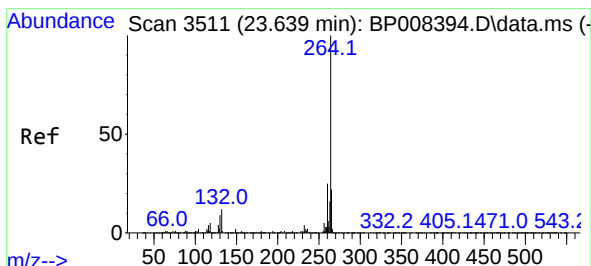
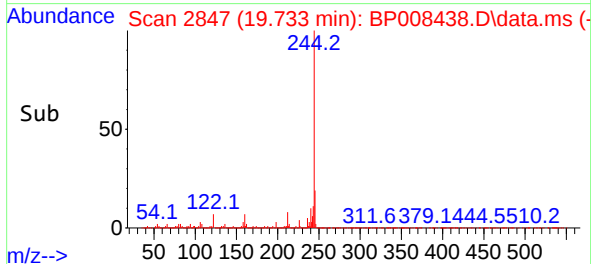
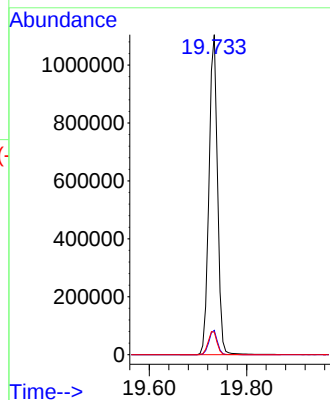
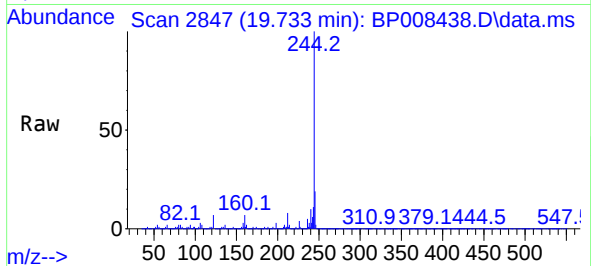


#79
 Terphenyl-d14
 Concen: 67.233 ng
 RT: 19.733 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BP008438.D
 Acq: 16 Dec 2021 05:06

Instrument :
 BNA_P
 ClientSampleId :
 TP14

Tgt Ion:244 Resp: 1334756

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	7.1	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: BP008438.D
 Acq: 16 Dec 2021 05:06

Tgt Ion:264 Resp: 384210

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.8	17.6	26.4

