

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013590.D
 Acq On : 25 Jan 2023 02:09
 Operator : CG/JU
 Sample : 01233-11DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P38CDL

Quant Time: Jan 25 03:55:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

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

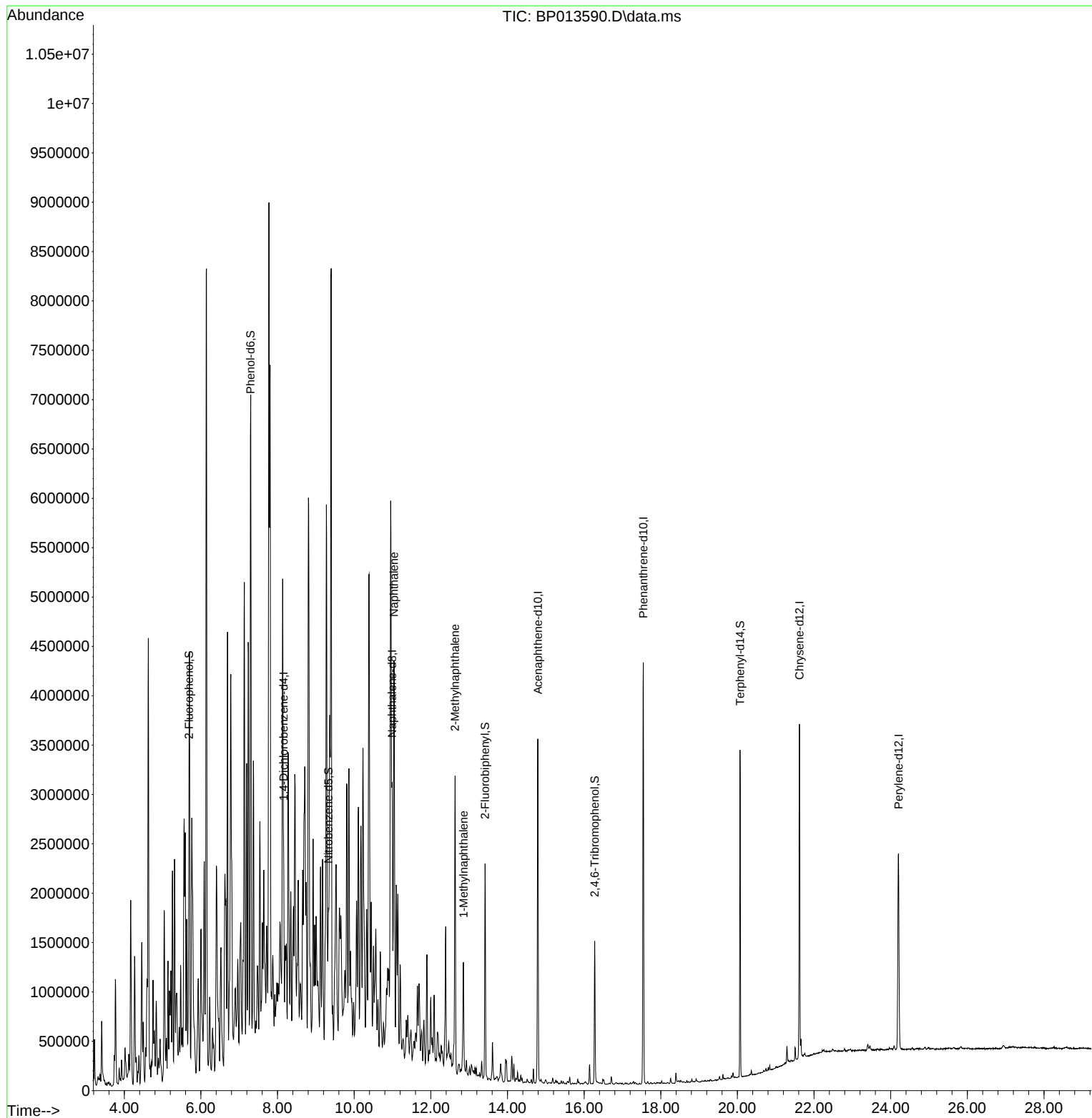
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	476799	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1980989	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	1235300	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	2590773	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1671768	20.000	ng	-0.01
86) Perylene-d12	24.204	264	1637103	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	616642	22.159	ng	0.00
7) Phenol-d6	7.293	99	772624	20.629	ng	0.00
23) Nitrobenzene-d5	9.328	82	485594	16.182	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	278533	22.479	ng	-0.01
45) 2-Fluorobiphenyl	13.416	172	1112206	12.359	ng	-0.01
79) Terphenyl-d14	20.069	244	1537432	16.544	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	11.040	128	2358525	22.146	ng	# 97
37) 2-Methylnaphthalene	12.634	142	1417002	18.719	ng	99
38) 1-Methylnaphthalene	12.851	142	522783	7.349	ng	99

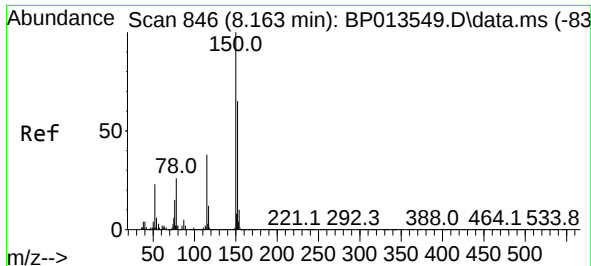
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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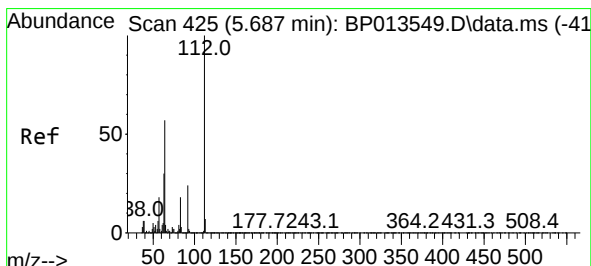
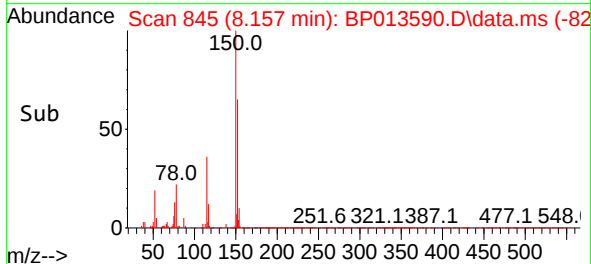
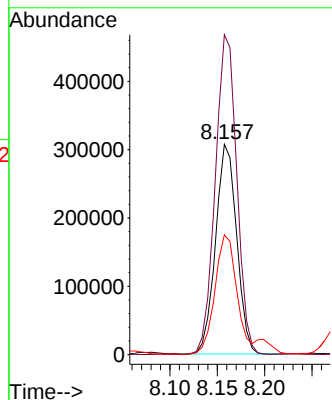
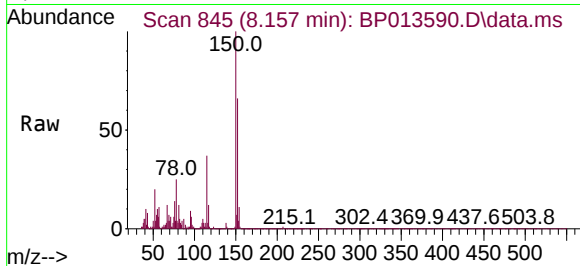




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.157 min Scan# 846
 Delta R.T. -0.007 min
 Lab File: BP013590.D
 Acq: 25 Jan 2023 02:09

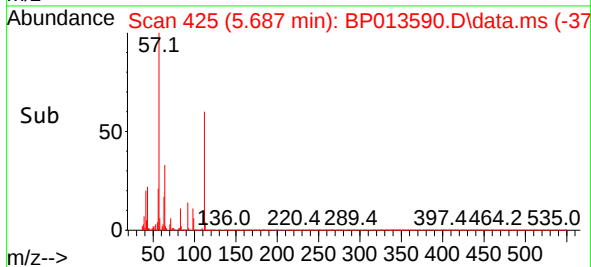
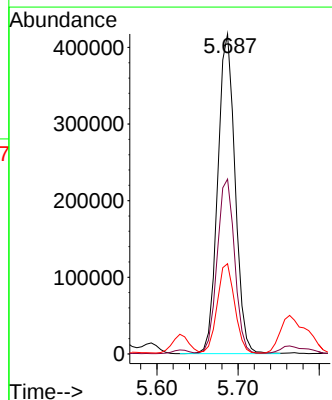
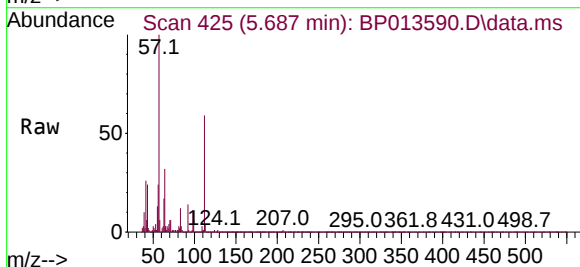
Instrument :
 BNA_P
 ClientSampleId :
 B-P38CDL

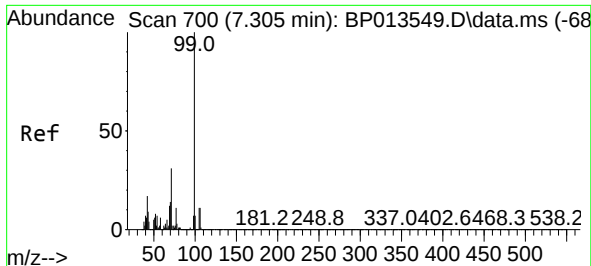
Tgt Ion:152 Resp: 476799
 Ion Ratio Lower Upper
 152 100
 150 152.2 122.4 183.6
 115 56.9 46.1 69.1



#5
 2-Fluorophenol
 Concen: 22.159 ng
 RT: 5.687 min Scan# 425
 Delta R.T. -0.000 min
 Lab File: BP013590.D
 Acq: 25 Jan 2023 02:09

Tgt Ion:112 Resp: 616642
 Ion Ratio Lower Upper
 112 100
 64 54.6 45.4 68.0
 63 28.2 24.1 36.1

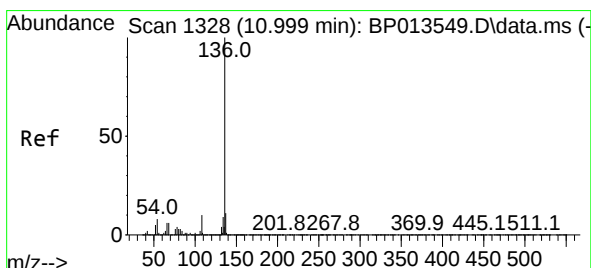
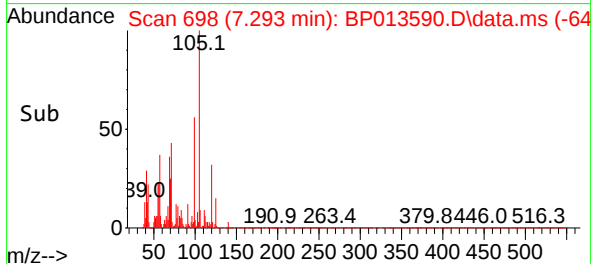
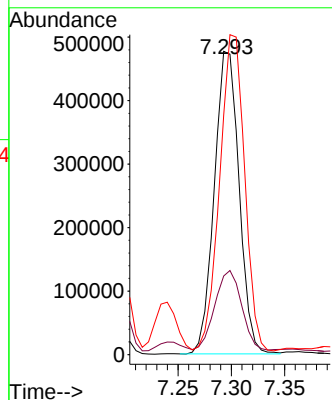
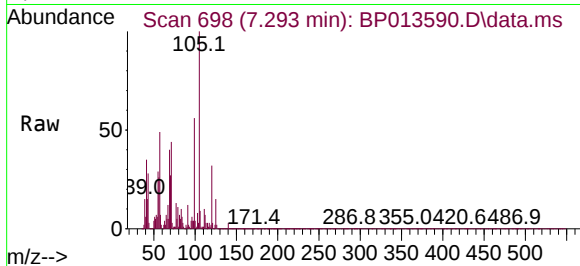




#7
Phenol-d6
Concen: 20.629 ng
RT: 7.293 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP013590.D
Acq: 25 Jan 2023 02:09

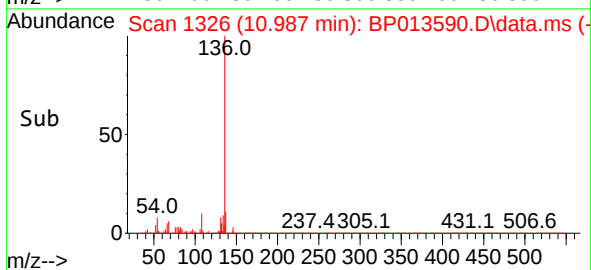
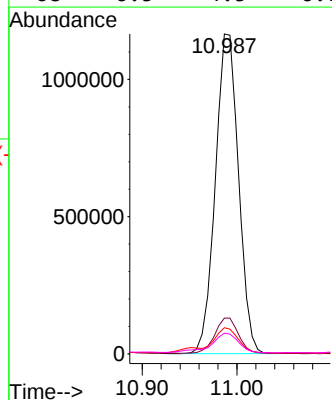
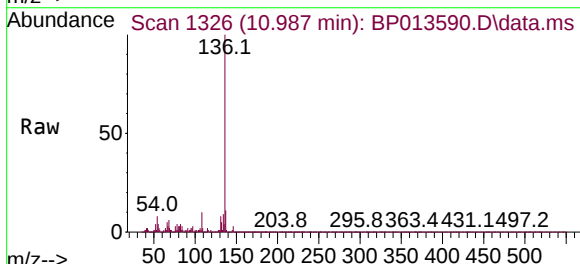
Instrument :
BNA_P
ClientSampleId :
B-P38CDL

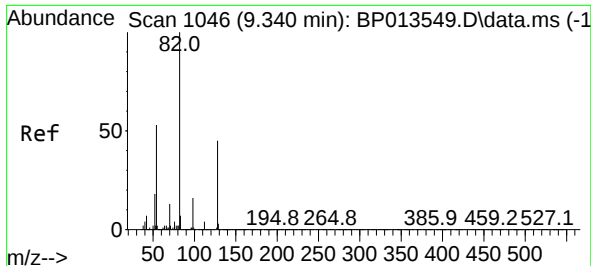
Tgt Ion: 99 Resp: 772624
Ion Ratio Lower Upper
99 100
42 25.9 14.0 21.0#
71 79.1 24.7 37.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013590.D
Acq: 25 Jan 2023 02:09

Tgt Ion: 136 Resp: 1980989
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.2 6.6 9.8
68 6.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 16.182 ng

RT: 9.328 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BP013590.D

Acq: 25 Jan 2023 02:09

Instrument :

BNA_P

ClientSampleId :

B-P38CDL

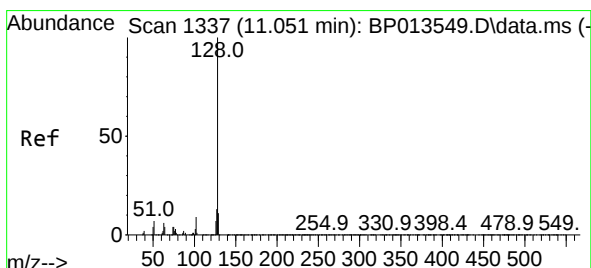
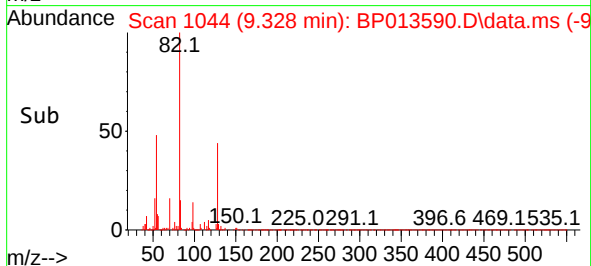
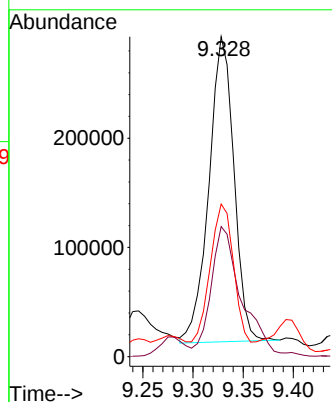
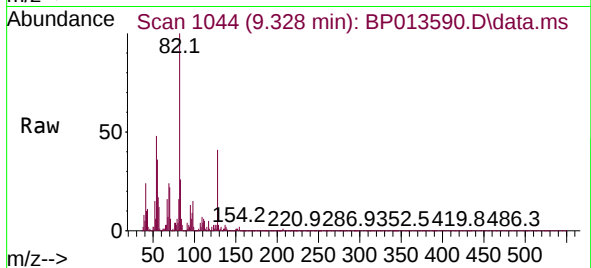
Tgt Ion: 82 Resp: 485594

Ion Ratio Lower Upper

82 100

128 40.6 35.8 53.6

54 47.7 42.6 64.0



#31

Naphthalene

Concen: 22.146 ng

RT: 11.040 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BP013590.D

Acq: 25 Jan 2023 02:09

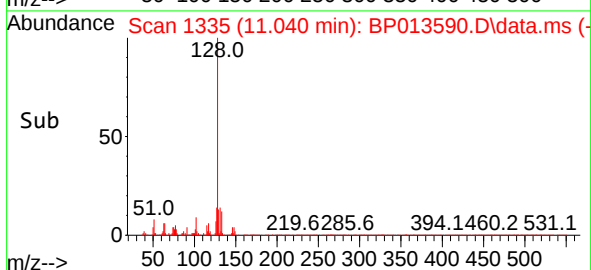
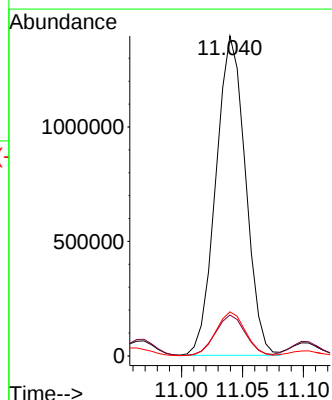
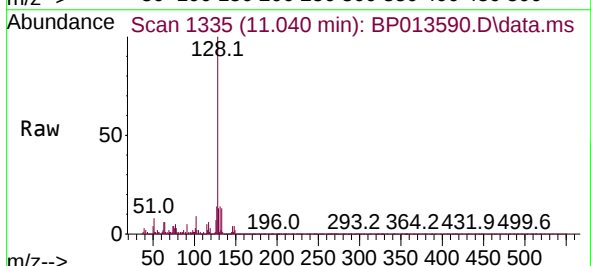
Tgt Ion:128 Resp: 2358525

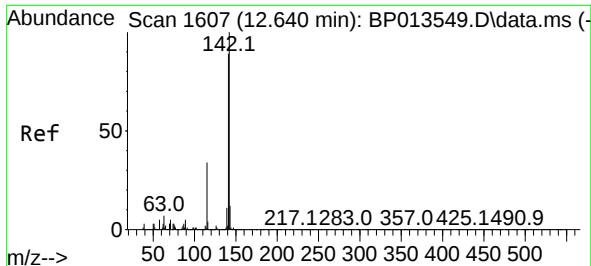
Ion Ratio Lower Upper

128 100

129 12.8 8.5 12.7#

127 13.8 10.6 16.0

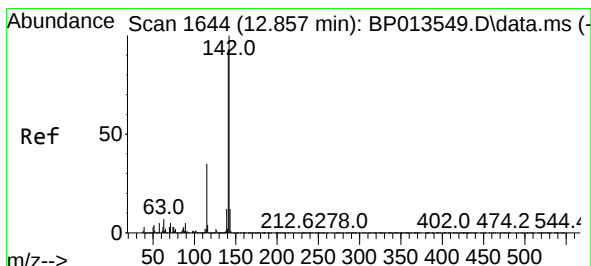
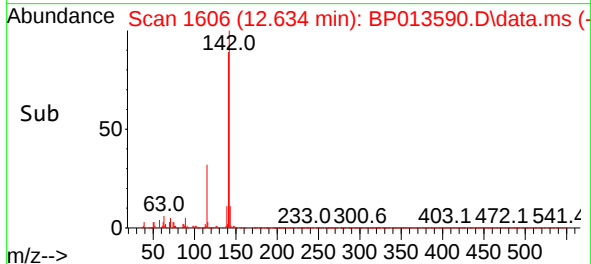
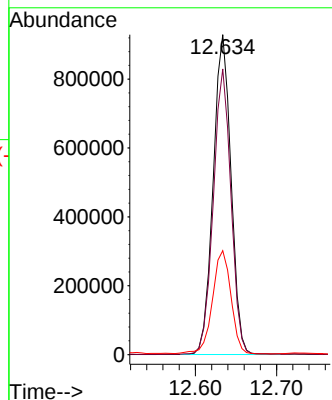
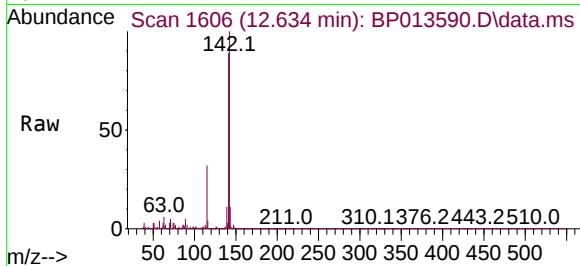




#37
2-Methylnaphthalene
Concen: 18.719 ng
RT: 12.634 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BP013590.D
Acq: 25 Jan 2023 02:09

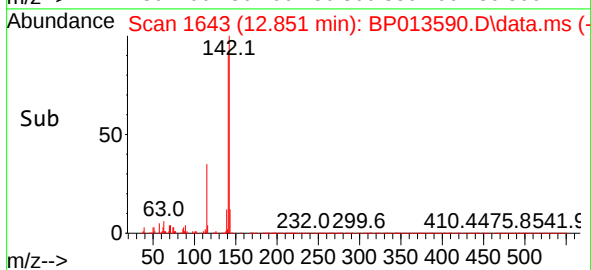
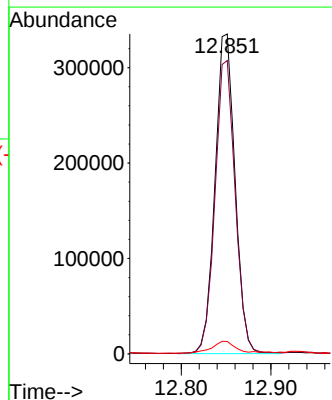
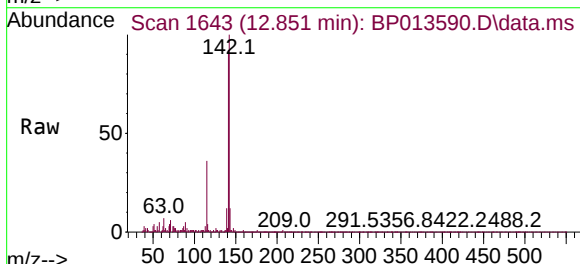
Instrument :
BNA_P
ClientSampleId :
B-P38CDL

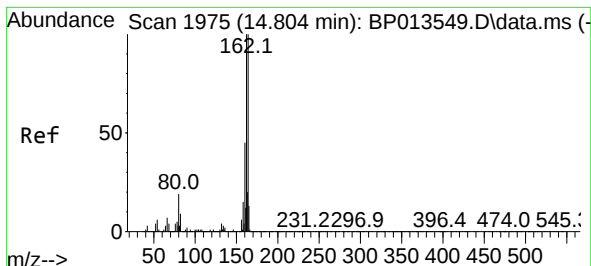
Tgt Ion:142 Resp: 1417002
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 32.5 27.4 41.2



#38
1-Methylnaphthalene
Concen: 7.349 ng
RT: 12.851 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BP013590.D
Acq: 25 Jan 2023 02:09

Tgt Ion:142 Resp: 522783
Ion Ratio Lower Upper
142 100
141 91.7 74.3 111.5
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.792 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BP013590.D

Acq: 25 Jan 2023 02:09

Instrument :

BNA_P

ClientSampleId :

B-P38CDL

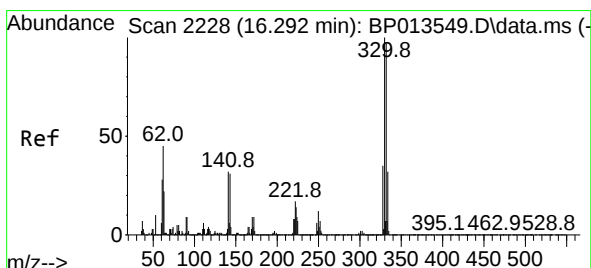
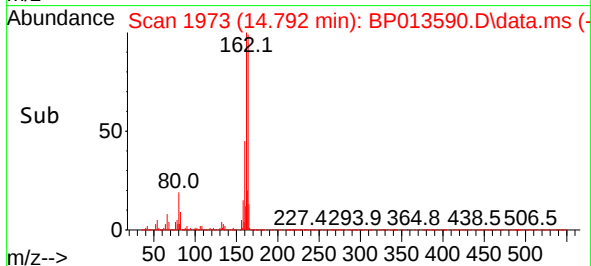
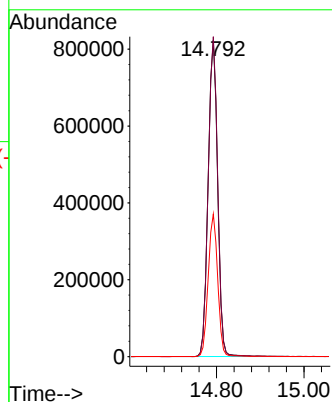
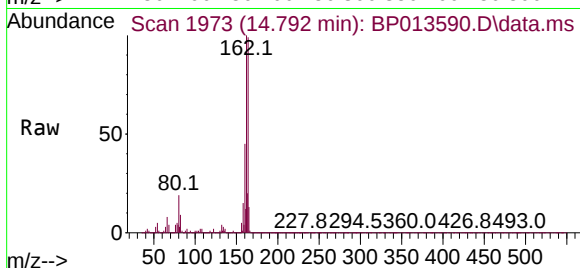
Tgt Ion:164 Resp: 1235300

Ion Ratio Lower Upper

164 100

162 101.1 80.1 120.1

160 45.0 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 22.479 ng

RT: 16.275 min Scan# 2225

Delta R.T. -0.012 min

Lab File: BP013590.D

Acq: 25 Jan 2023 02:09

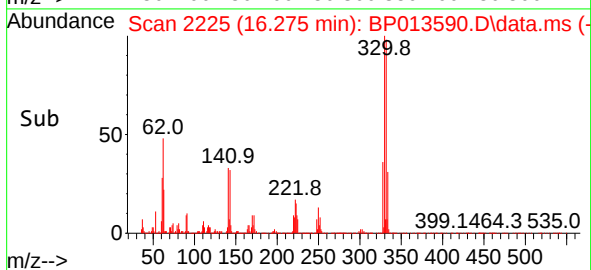
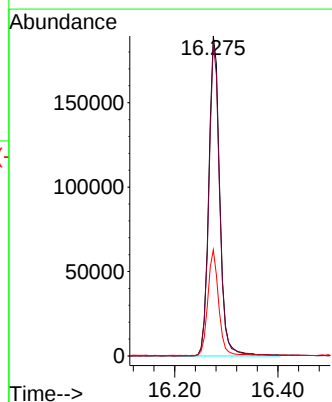
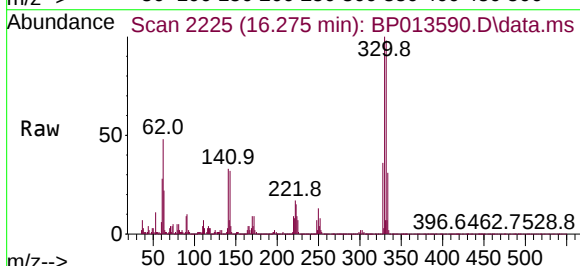
Tgt Ion:330 Resp: 278533

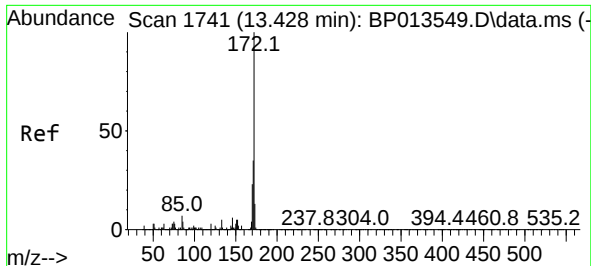
Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

141 32.8 27.6 41.4

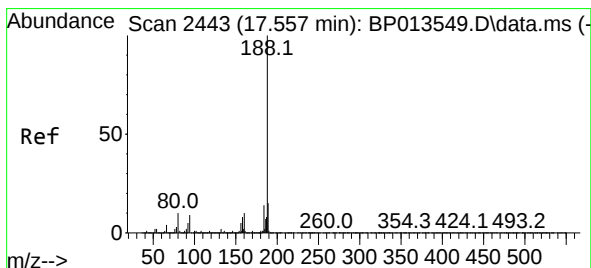
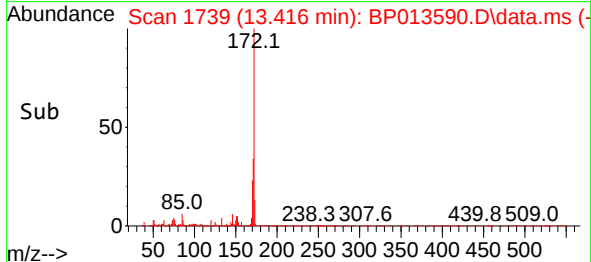
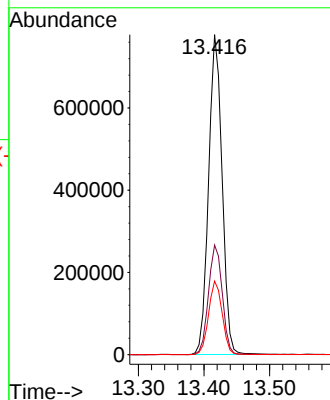
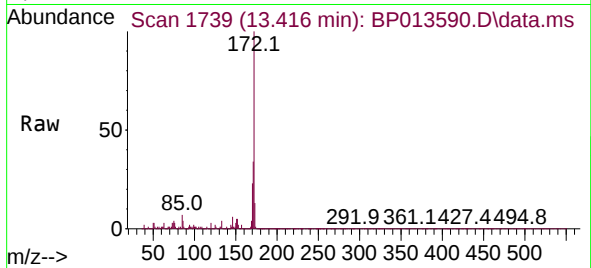




#45
2-Fluorobiphenyl
Concen: 12.359 ng
RT: 13.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP013590.D
Acq: 25 Jan 2023 02:09

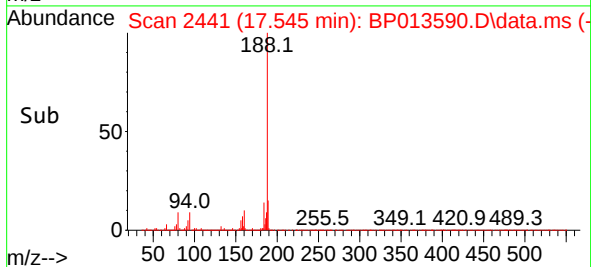
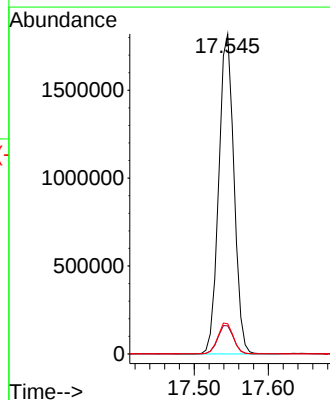
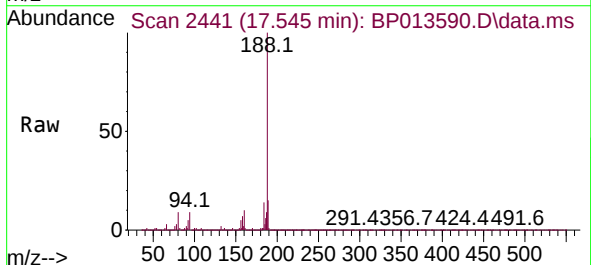
Instrument :
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B-P38CDL

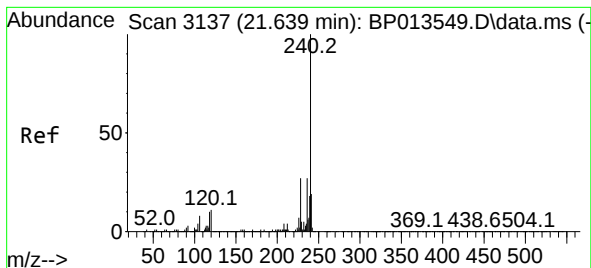
Tgt Ion:172 Resp: 1112206
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.0 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013590.D
Acq: 25 Jan 2023 02:09

Tgt Ion:188 Resp: 2590773
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.5 8.2 12.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013590.D

Acq: 25 Jan 2023 02:09

Instrument :

BNA_P

ClientSampleId :

B-P38CDL

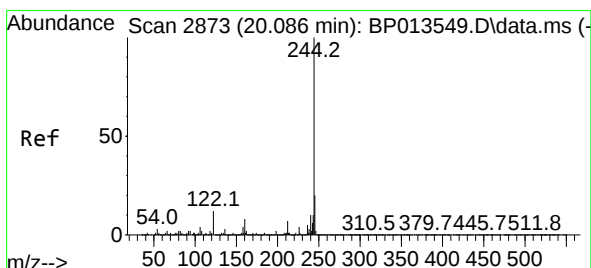
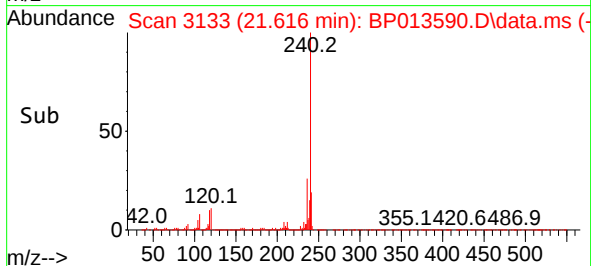
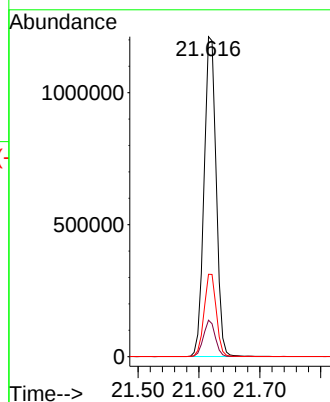
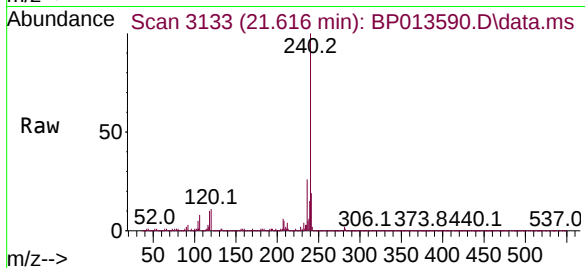
Tgt Ion:240 Resp: 1671768

Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

236 25.7 21.3 31.9



#79

Terphenyl-d14

Concen: 16.544 ng

RT: 20.069 min Scan# 2870

Delta R.T. -0.012 min

Lab File: BP013590.D

Acq: 25 Jan 2023 02:09

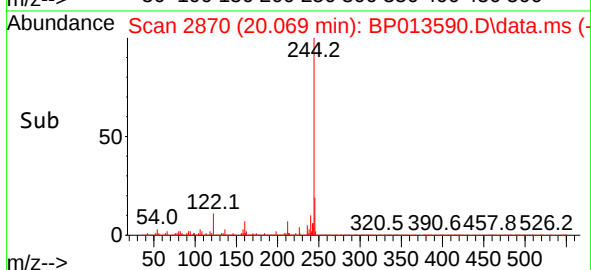
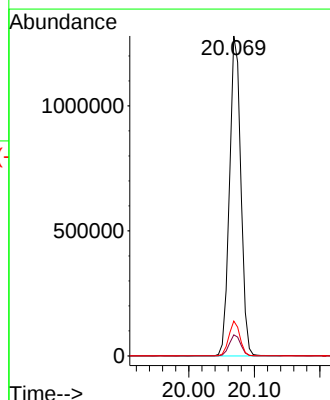
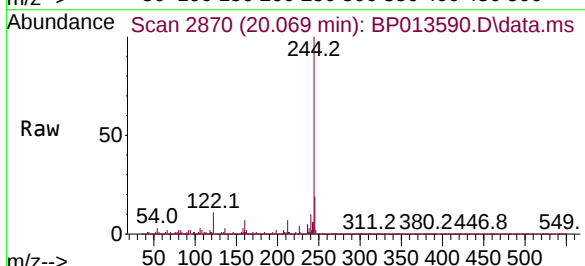
Tgt Ion:244 Resp: 1537432

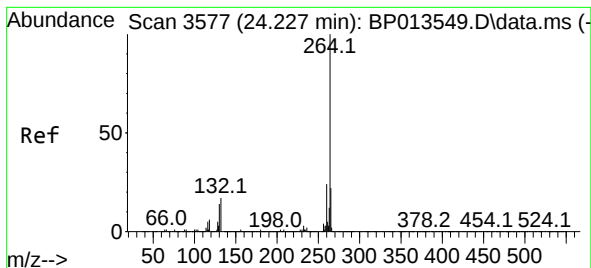
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.9 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.204 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP013590.D

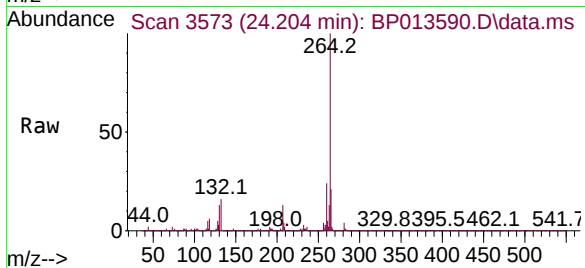
Acq: 25 Jan 2023 02:09

Instrument :

BNA_P

ClientSampleId :

B-P38CDL



Tgt Ion:264 Resp: 1637103

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.1	17.4	26.2

