

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013447.D
 Acq On : 11 Jan 2023 17:03
 Operator : CG/JU
 Sample : 01073-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1525

Quant Time: Jan 12 02:19:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 02:16:32 2023
 Response via : Initial Calibration

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

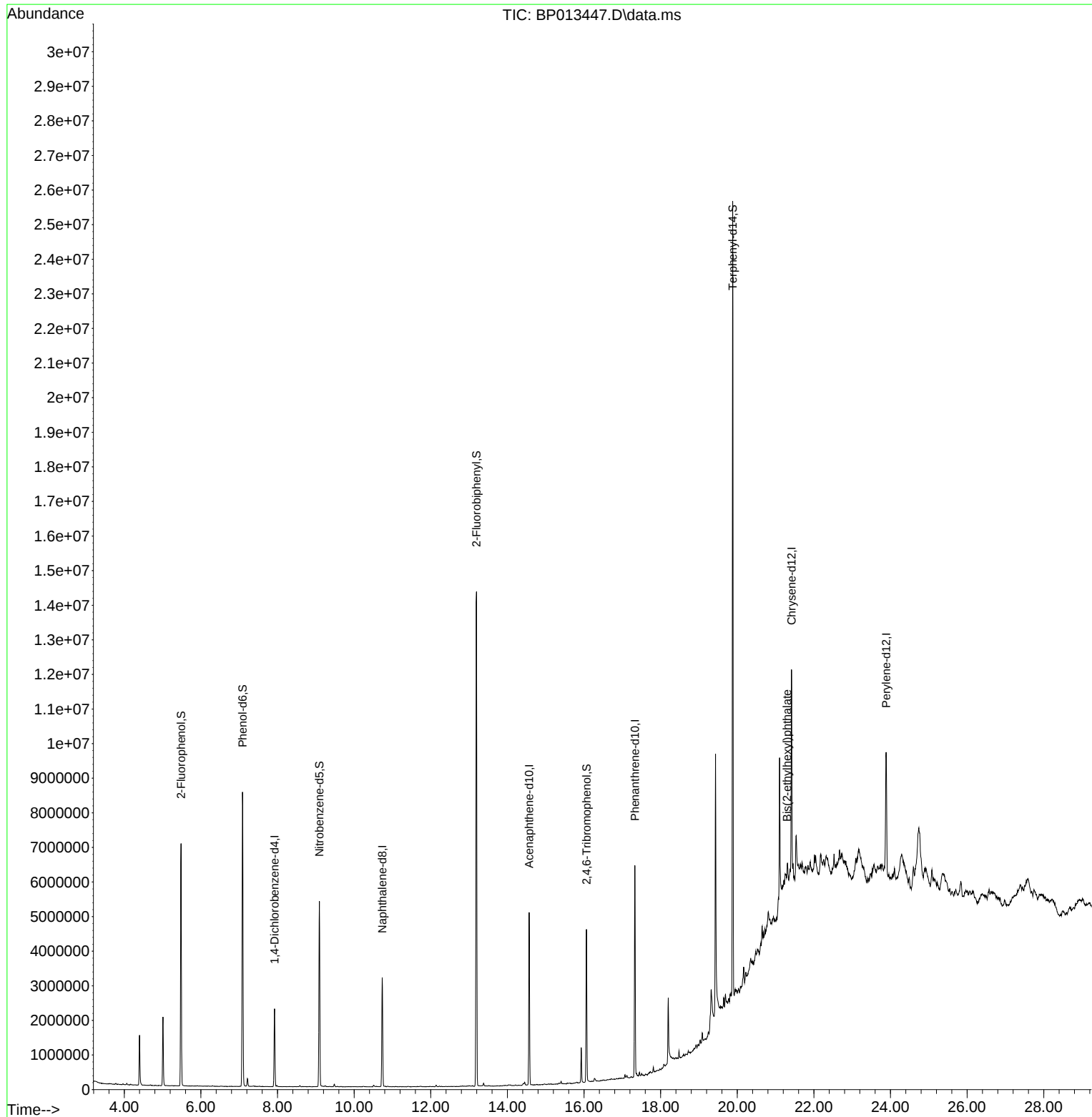
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	596080	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	2534129	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	1673337	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	3717999	20.000	ng	0.01
76) Chrysene-d12	21.416	240	2788536	20.000	ng	0.00
86) Perylene-d12	23.886	264	2895367	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2974687	91.182	ng	0.01
7) Phenol-d6	7.087	99	4778214	112.153	ng	0.01
23) Nitrobenzene-d5	9.093	82	2904931	62.844	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	875994	43.419	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	7613198	61.775	ng	0.01
79) Terphenyl-d14	19.880	244	11067531	78.302	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.304	149	90488	3.644	ng	Qvalue # 85

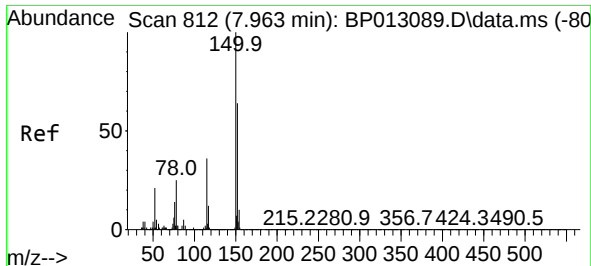
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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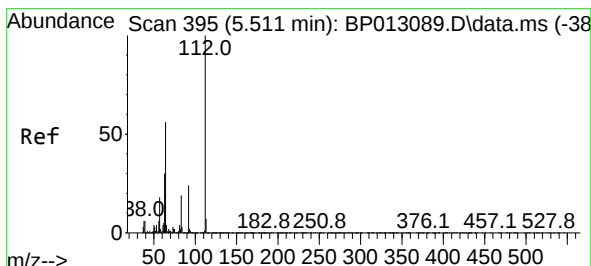
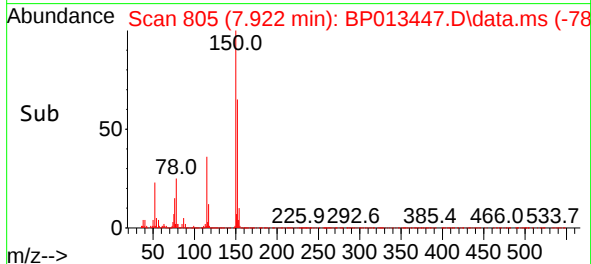
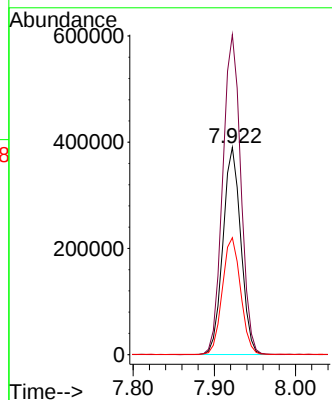
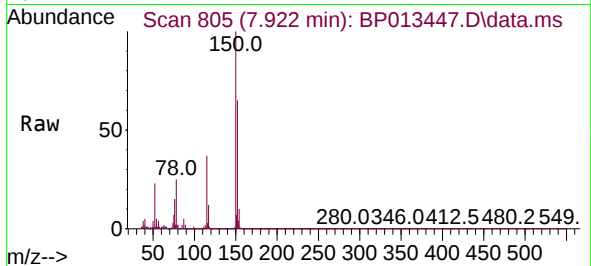




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

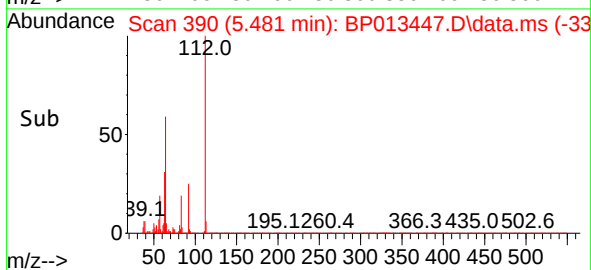
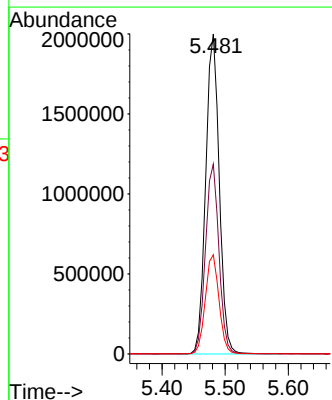
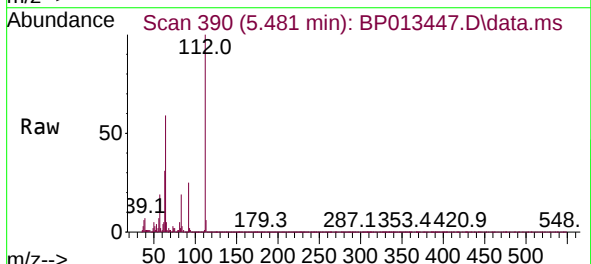
Instrument :
BNA_P
ClientSampleId :
1525

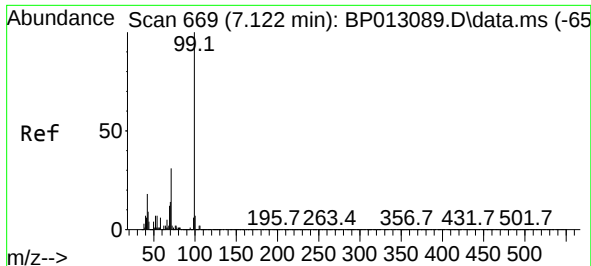
Tgt Ion:152 Resp: 596080
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 56.4 45.6 68.4



#5
2-Fluorophenol
Concen: 91.182 ng
RT: 5.481 min Scan# 390
Delta R.T. 0.012 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

Tgt Ion:112 Resp: 2974687
Ion Ratio Lower Upper
112 100
64 59.3 45.1 67.7
63 31.0 23.8 35.6

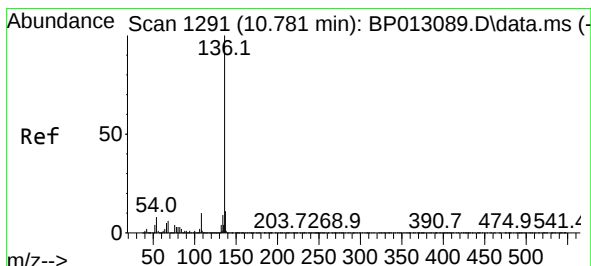
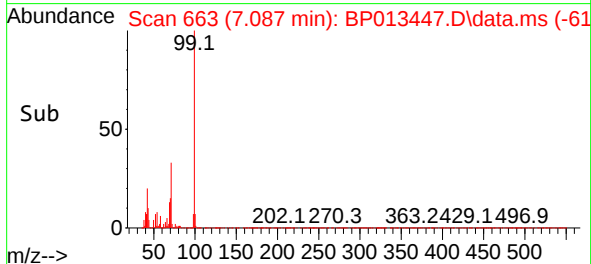
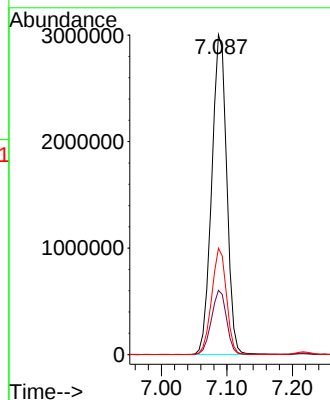
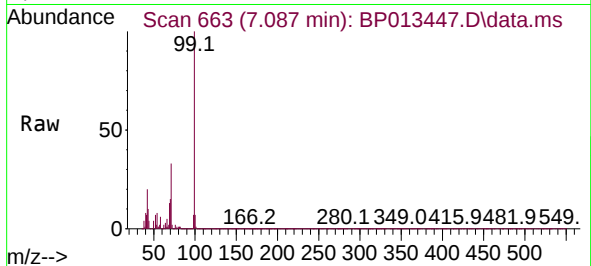




#7
Phenol-d6
Concen: 112.153 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.012 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

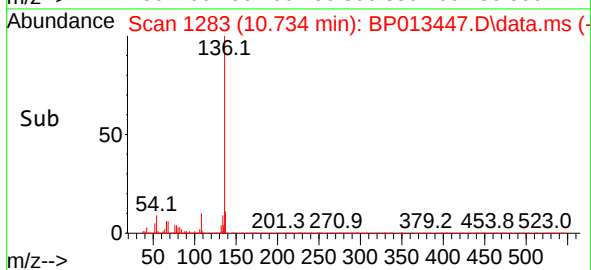
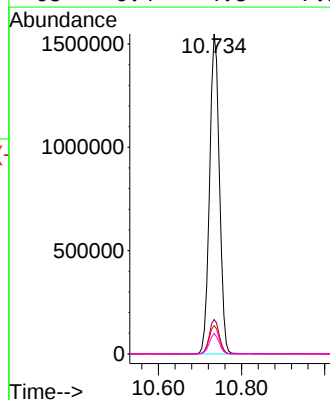
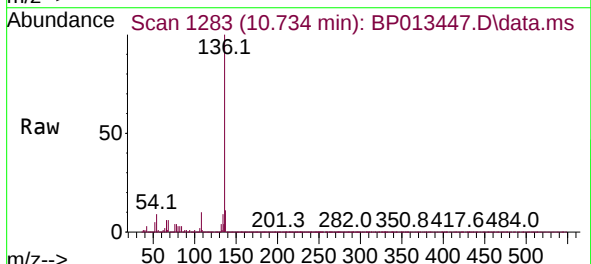
Instrument :
BNA_P
ClientSampleId :
1525

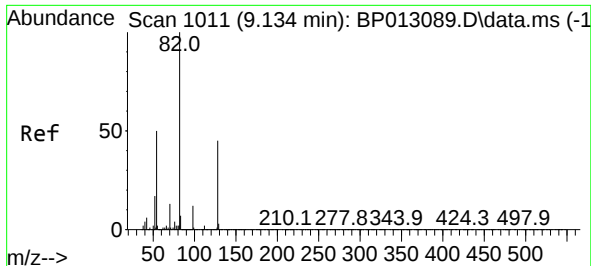
Tgt Ion: 99 Resp: 4778214
Ion Ratio Lower Upper
99 100
42 20.1 14.2 21.4
71 33.2 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BP013447.D
Acq: 11 Jan 2023 17:03

Tgt Ion:136 Resp: 2534129
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.8 6.2 9.4
68 6.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 62.844 ng

RT: 9.093 min Scan# 10

Delta R.T. 0.006 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

Instrument :

BNA_P

ClientSampleId :

1525

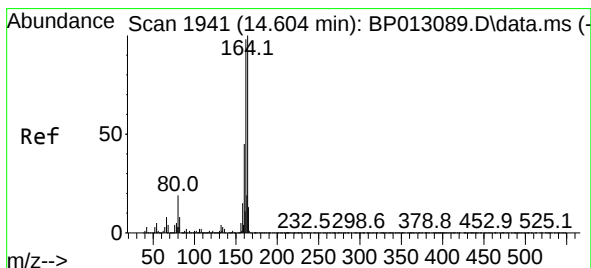
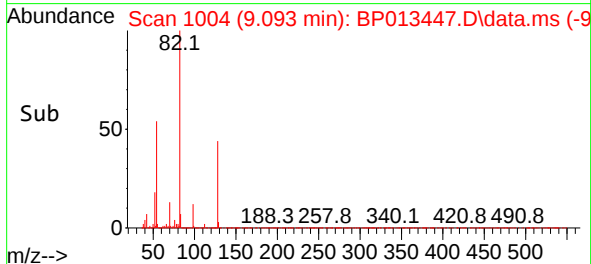
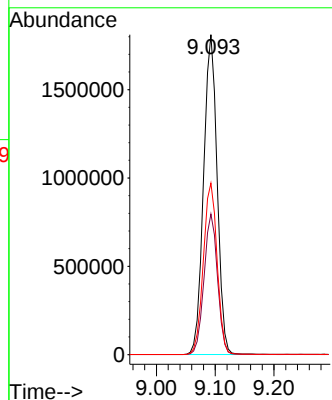
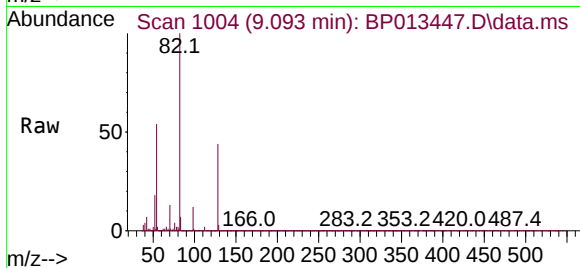
Tgt Ion: 82 Resp: 2904931

Ion Ratio Lower Upper

82 100

128 43.9 35.9 53.9

54 53.6 40.4 60.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

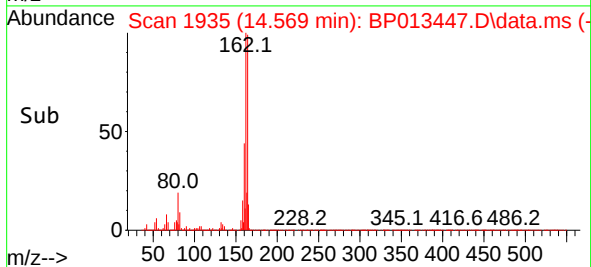
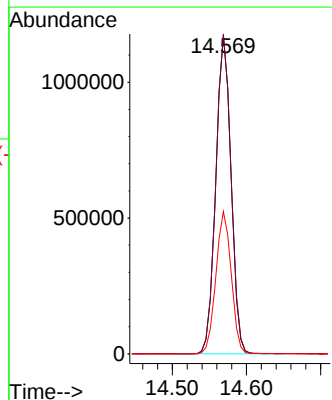
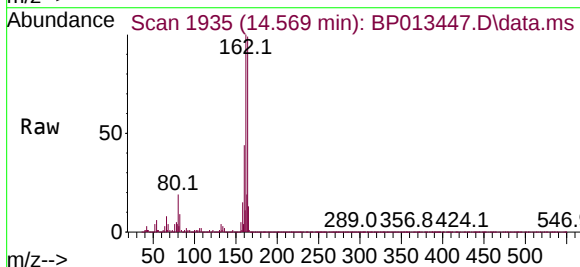
Tgt Ion: 164 Resp: 1673337

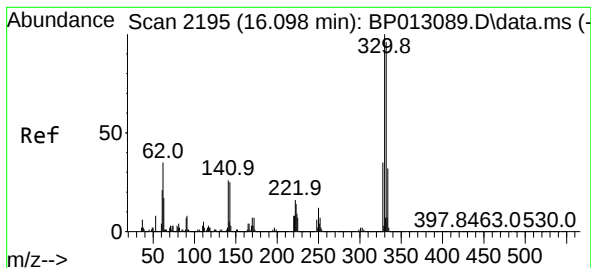
Ion Ratio Lower Upper

164 100

162 100.5 78.8 118.2

160 44.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 43.419 ng

RT: 16.063 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

Instrument :

BNA_P

ClientSampleId :

1525

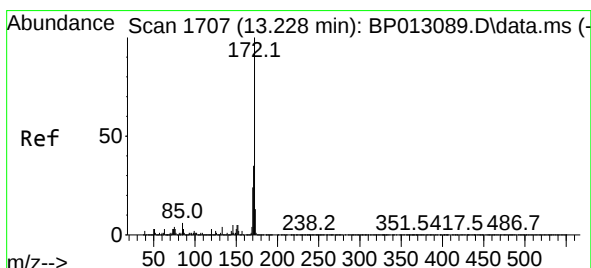
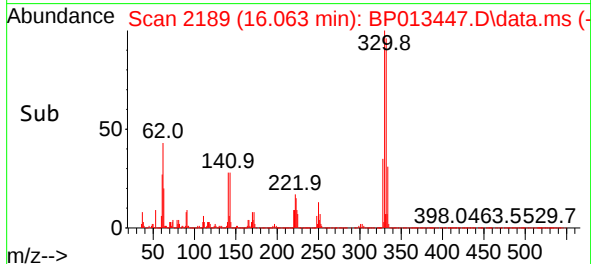
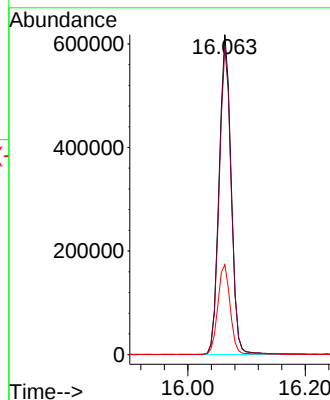
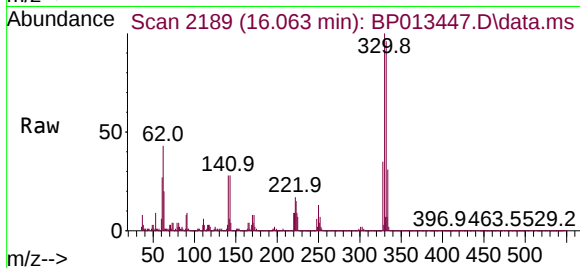
Tgt Ion:330 Resp: 875994

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 28.7 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 61.775 ng

RT: 13.192 min Scan# 1701

Delta R.T. 0.012 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

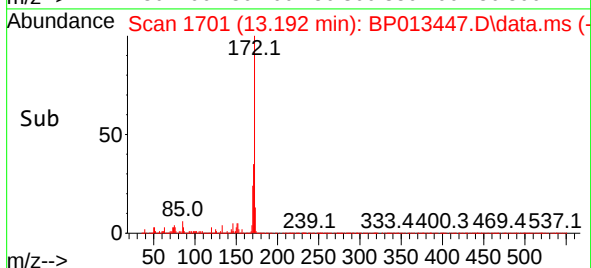
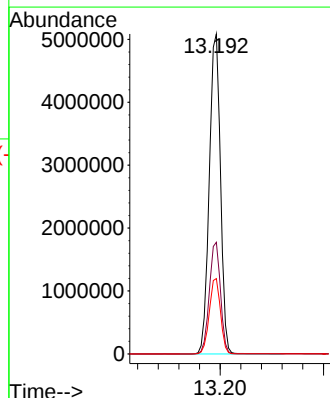
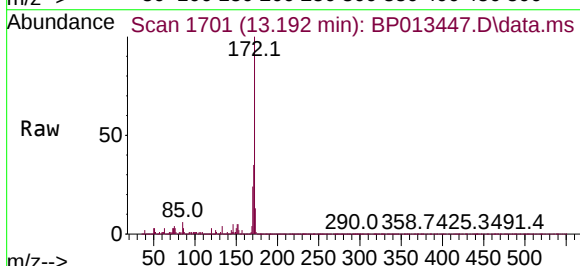
Tgt Ion:172 Resp: 7613198

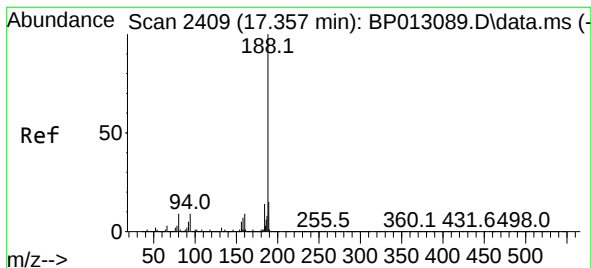
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.5 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.328 min Scan# 24

Delta R.T. 0.012 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

Instrument :

BNA_P

ClientSampleId :

1525

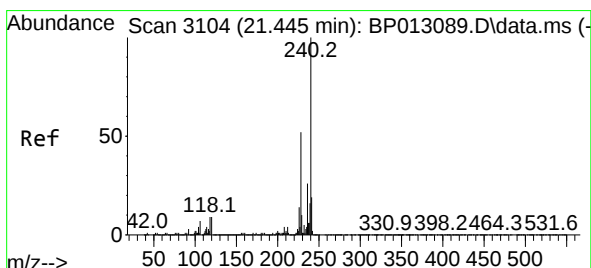
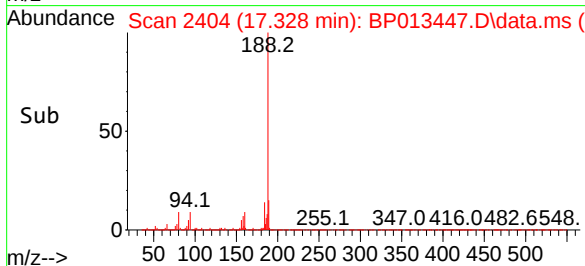
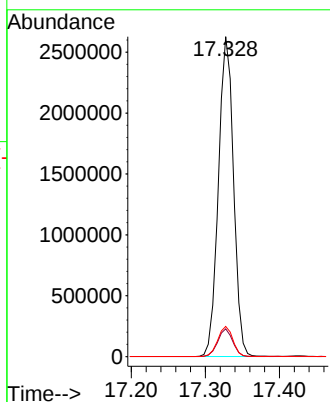
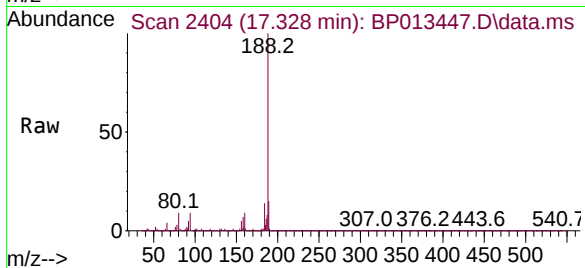
Tgt Ion:188 Resp: 3717999

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.4 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3099

Delta R.T. 0.006 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

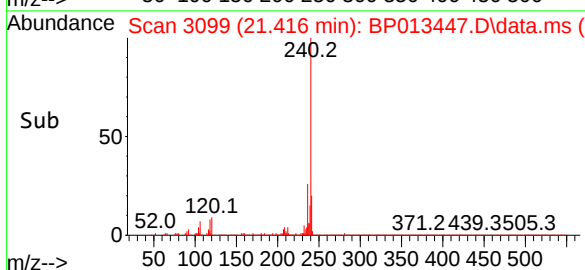
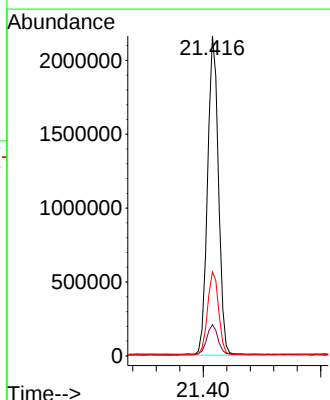
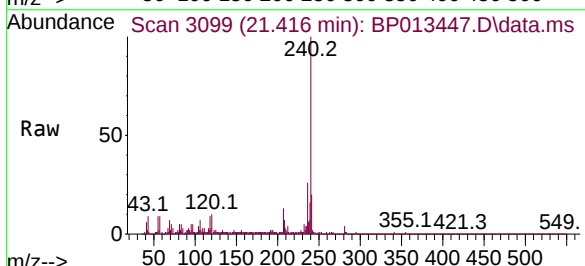
Tgt Ion:240 Resp: 2788536

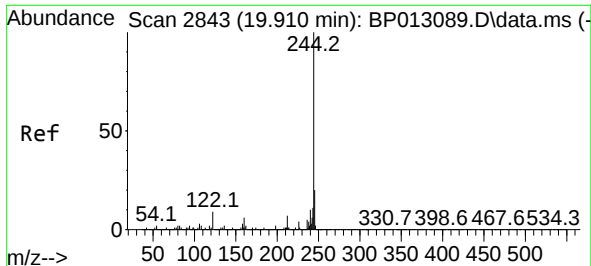
Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.2

236 26.3 21.0 31.4

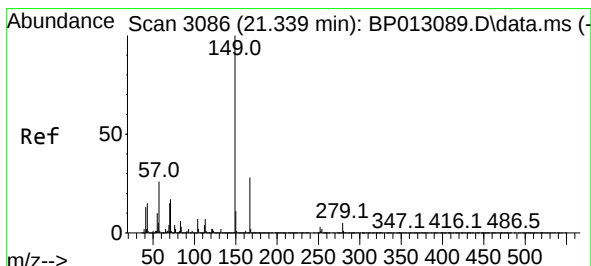
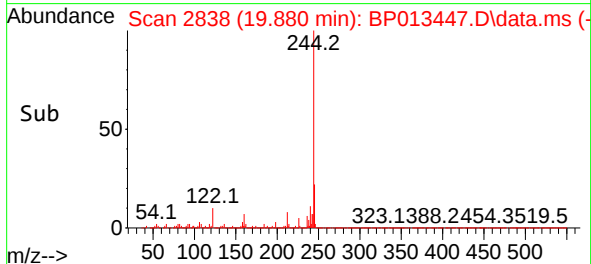
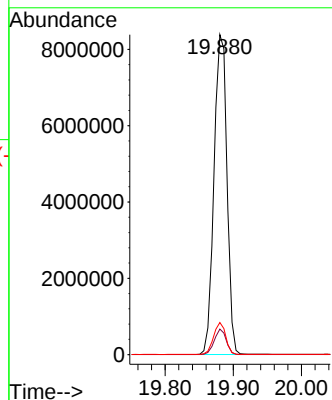
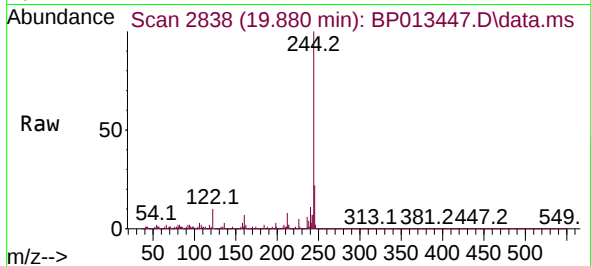




#79
 Terphenyl-d14
 Concen: 78.302 ng
 RT: 19.880 min Scan# 2843
 Delta R.T. 0.006 min
 Lab File: BP013447.D
 Acq: 11 Jan 2023 17:03

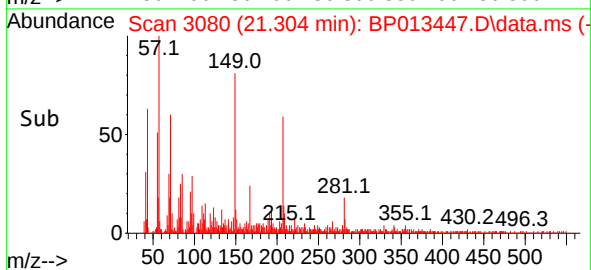
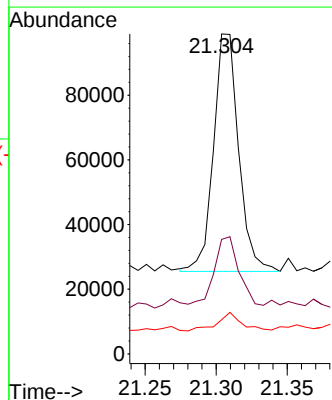
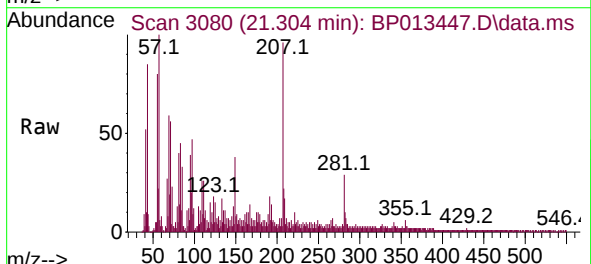
Instrument :
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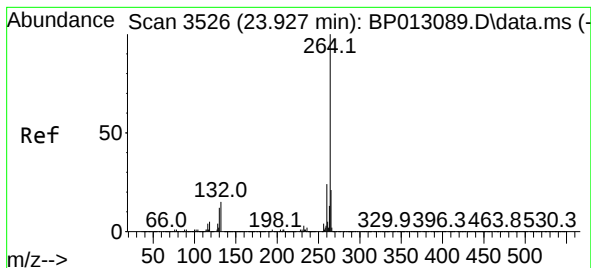
Tgt Ion:244 Resp:11067531
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.5 8.3
 122 10.0 7.2 10.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.644 ng
 RT: 21.304 min Scan# 3080
 Delta R.T. 0.000 min
 Lab File: BP013447.D
 Acq: 11 Jan 2023 17:03

Tgt Ion:149 Resp: 90488
 Ion Ratio Lower Upper
 149 100
 167 35.8 22.6 34.0#
 279 10.7 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.886 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP013447.D

Acq: 11 Jan 2023 17:03

Instrument :

BNA_P

ClientSampleId :

1525

Tgt Ion:264 Resp: 2895367

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 22.9 17.7 26.5

