

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013565.D
 Acq On : 24 Jan 2023 11:43
 Operator : CG/JU
 Sample : 01233-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-38

Quant Time: Jan 25 03:46:33 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)

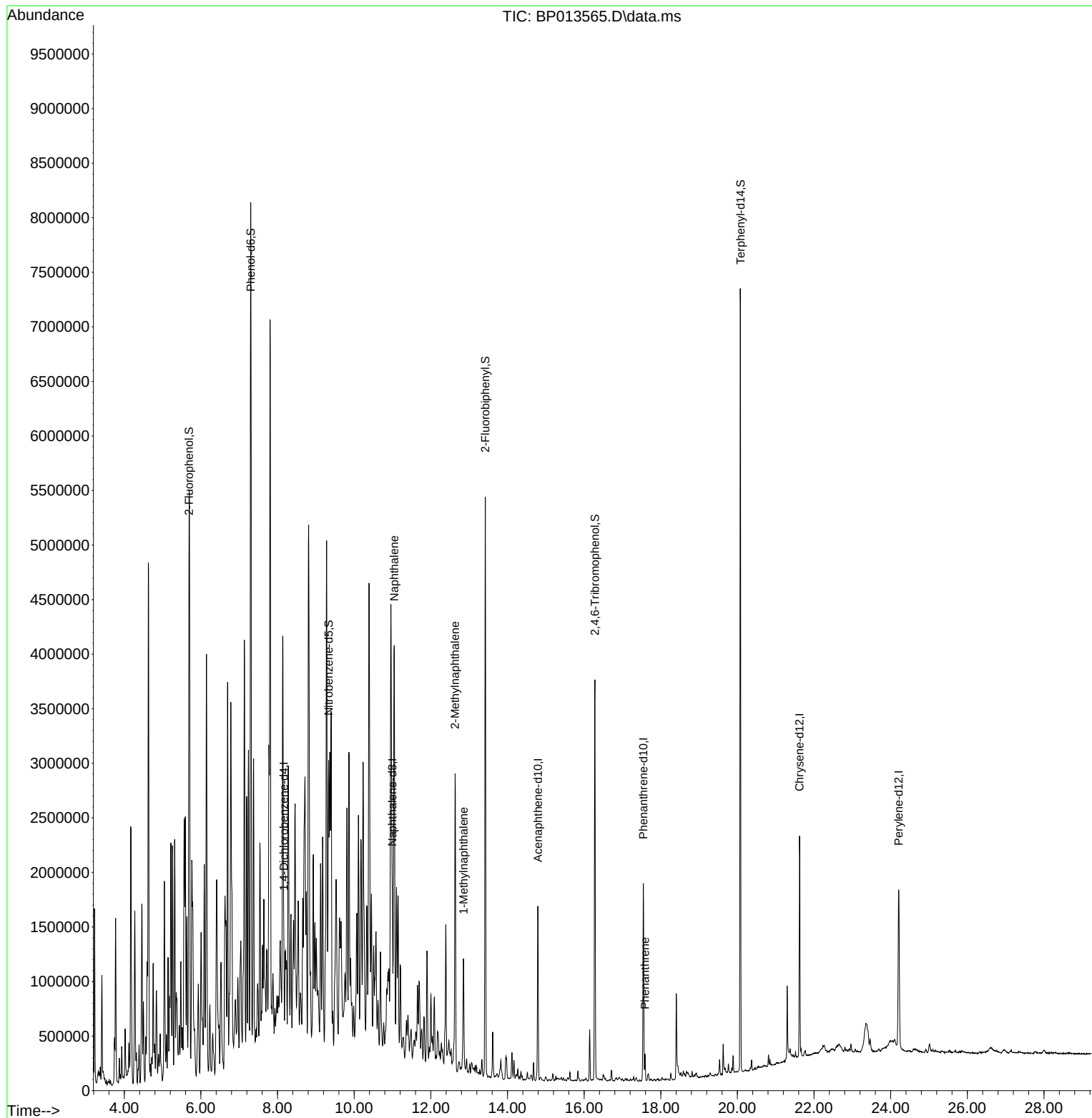
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	253707	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	972664	20.000	ng	# 0.00
39) Acenaphthene-d10	14.793	164	544889	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1077804	20.000	ng	0.00
76) Chrysene-d12	21.622	240	971180	20.000	ng	0.00
86) Perylene-d12	24.210	264	1162665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1726783	116.615	ng	0.00
7) Phenol-d6	7.299	99	2092403	104.992	ng	0.00
23) Nitrobenzene-d5	9.334	82	1256986	85.314	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	714060	130.649	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	2650143	66.761	ng	0.00
79) Terphenyl-d14	20.081	244	3436443	63.656	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	11.046	128	2262982	43.276	ng	97
37) 2-Methylnaphthalene	12.634	142	1300841	34.998	ng	99
38) 1-Methylnaphthalene	12.851	142	470768	13.479	ng	99
71) Phenanthrene	17.587	178	145625	2.428	ng	98

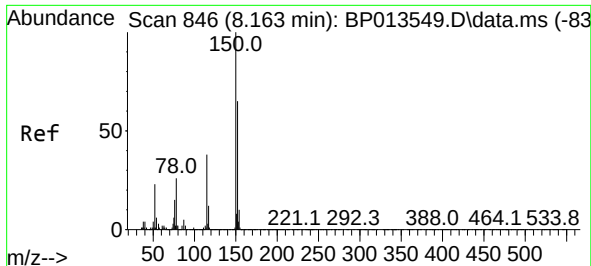
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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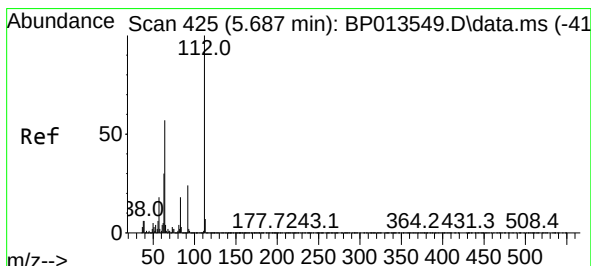
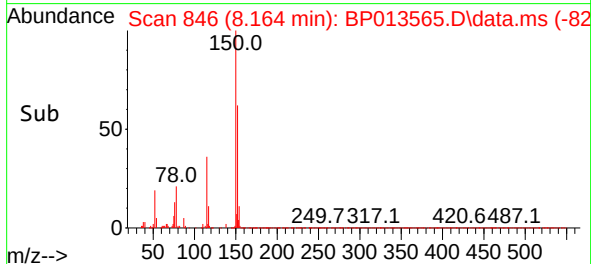
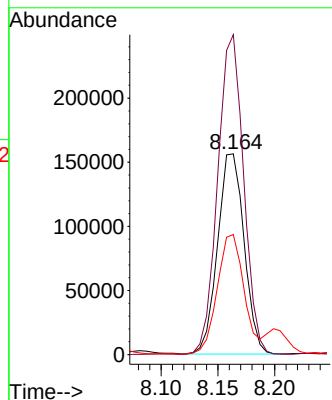
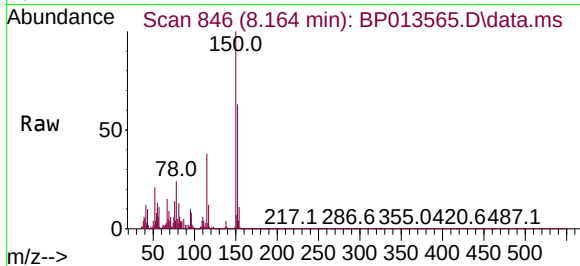




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 846
Delta R.T. -0.000 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

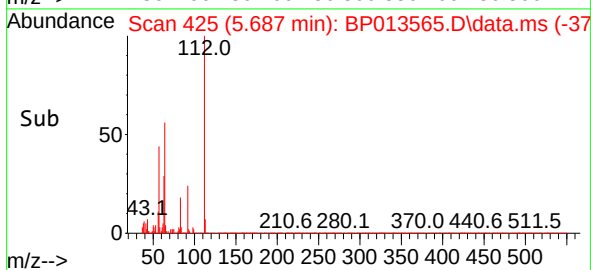
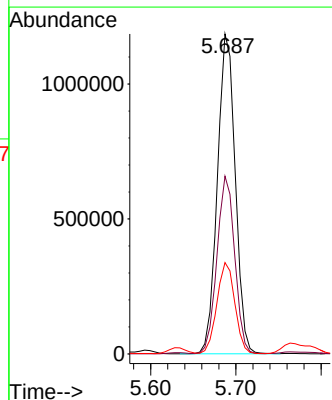
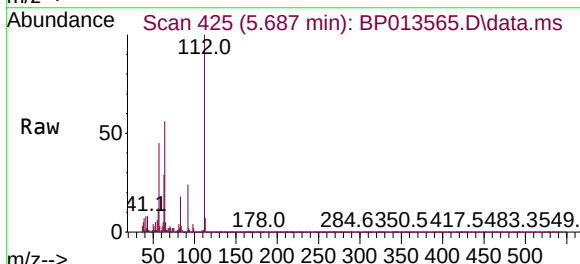
Instrument :
BNA_P
ClientSampleId :
WC-38

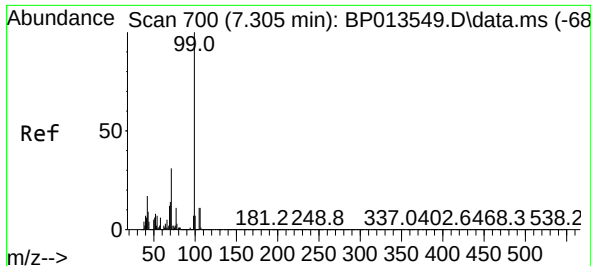
Tgt Ion:152 Resp: 253707
Ion Ratio Lower Upper
152 100
150 159.4 122.4 183.6
115 59.8 46.1 69.1



#5
2-Fluorophenol
Concen: 116.615 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

Tgt Ion:112 Resp: 1726783
Ion Ratio Lower Upper
112 100
64 55.5 45.4 68.0
63 28.5 24.1 36.1

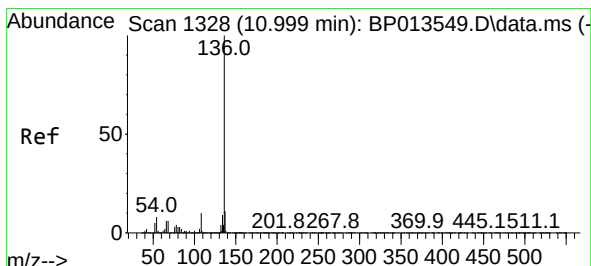
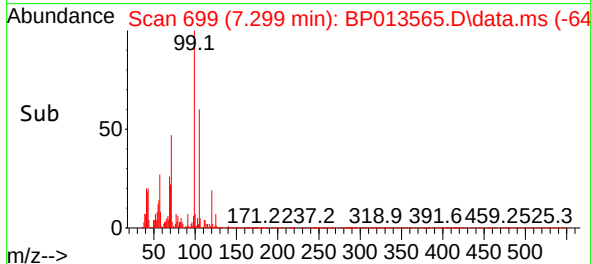
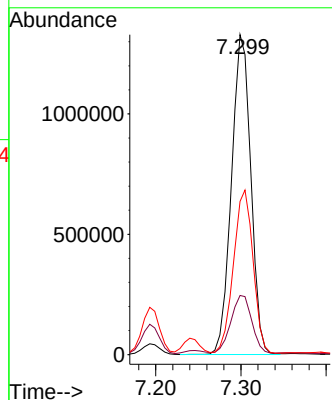
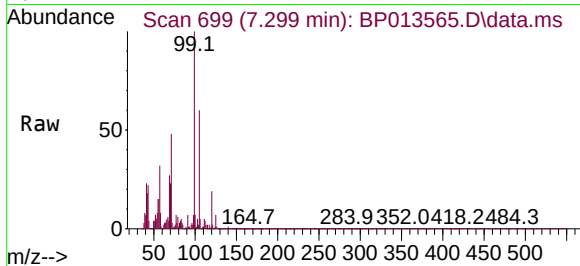




#7
Phenol-d6
Concen: 104.992 ng
RT: 7.299 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

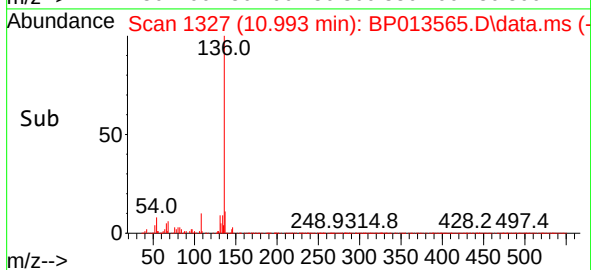
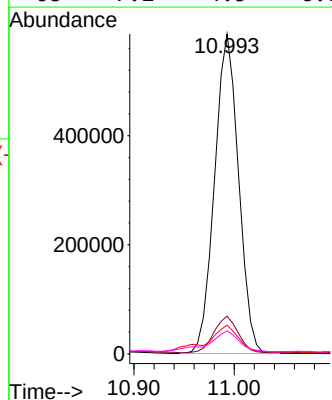
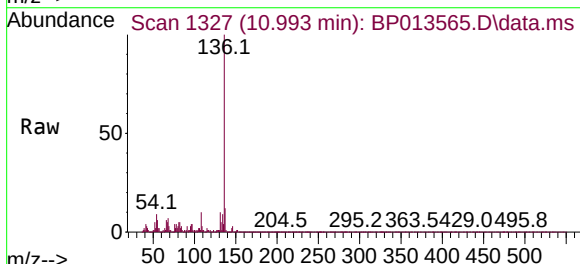
Instrument :
BNA_P
ClientSampleId :
WC-38

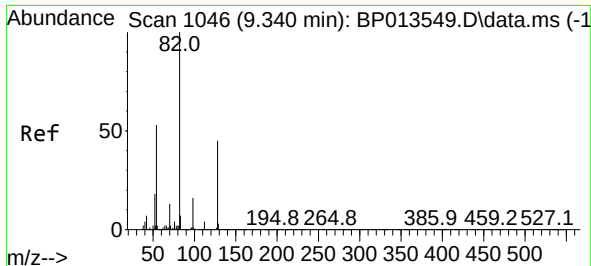
Tgt Ion: 99 Resp: 2092403
Ion Ratio Lower Upper
99 100
42 18.5 14.0 21.0
71 47.9 24.7 37.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

Tgt Ion: 136 Resp: 972664
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 9.0 6.6 9.8
68 7.2 4.5 6.7#

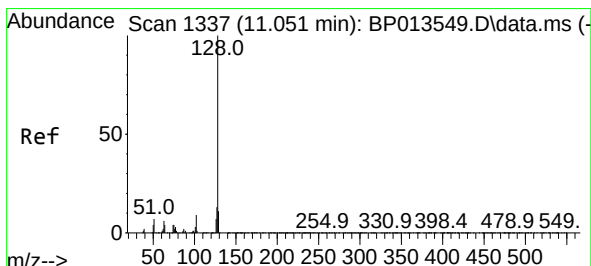
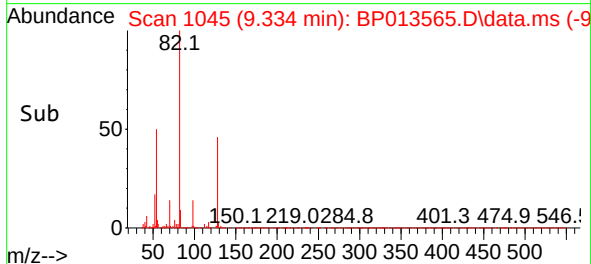
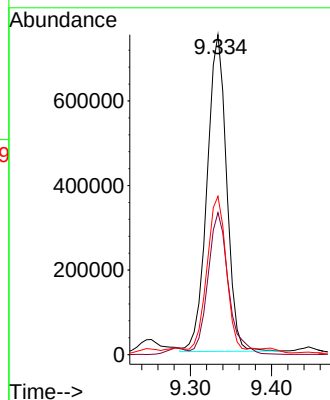
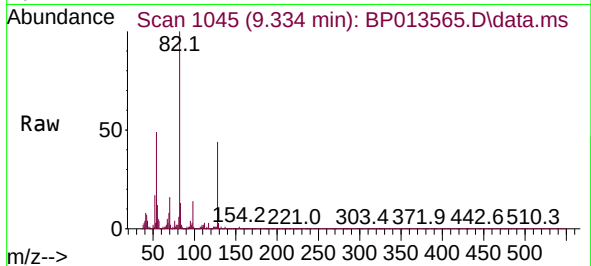




#23
Nitrobenzene-d5
Concen: 85.314 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

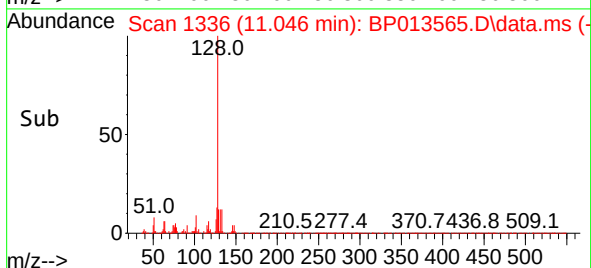
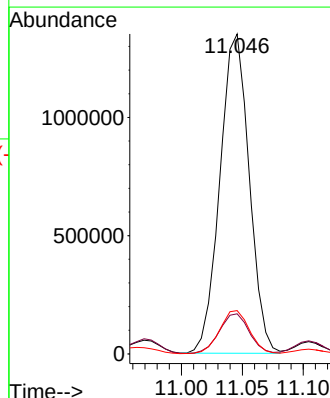
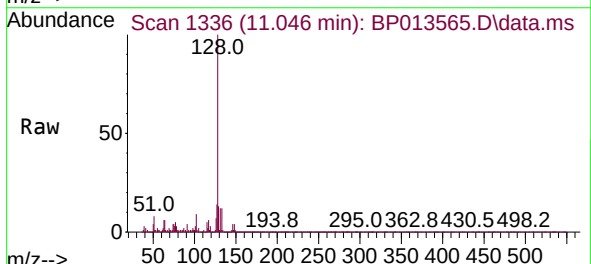
Instrument :
BNA_P
ClientSampleId :
WC-38

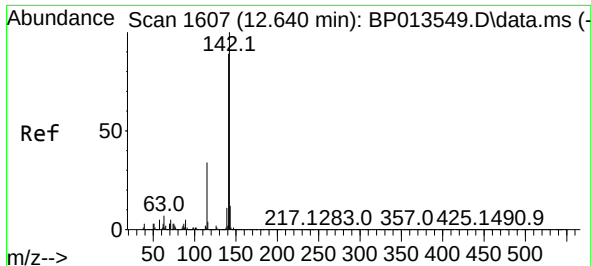
Tgt Ion: 82 Resp: 1256986
Ion Ratio Lower Upper
82 100
128 44.4 35.8 53.6
54 49.5 42.6 64.0



#31
Naphthalene
Concen: 43.276 ng
RT: 11.046 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

Tgt Ion: 128 Resp: 2262982
Ion Ratio Lower Upper
128 100
129 12.5 8.5 12.7
127 13.5 10.6 16.0

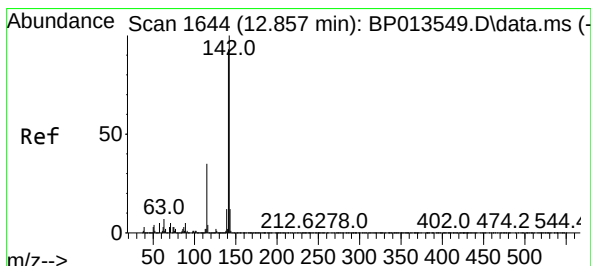
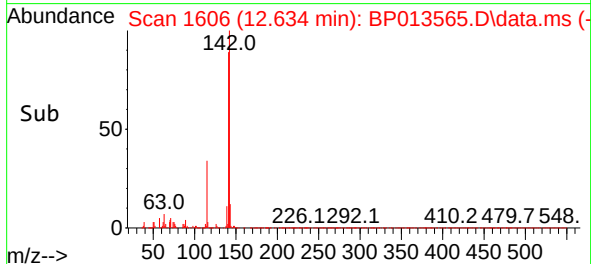
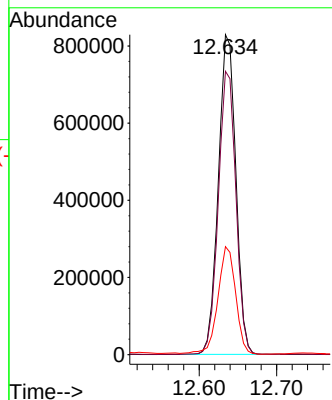
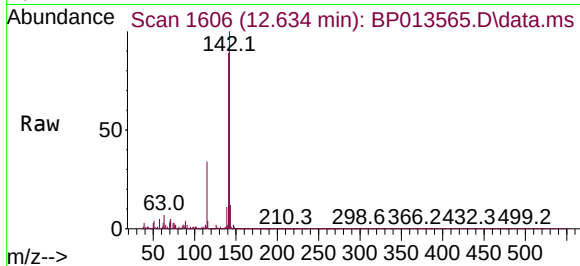




#37
2-Methylnaphthalene
Concen: 34.998 ng
RT: 12.634 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

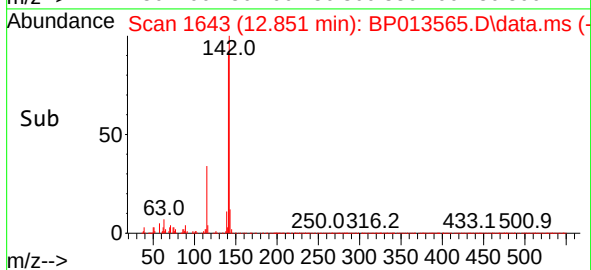
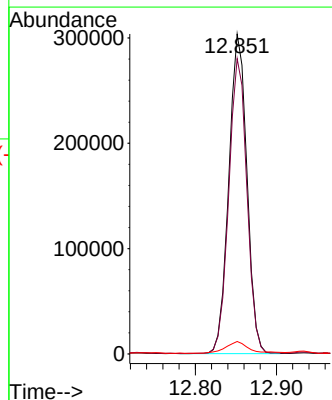
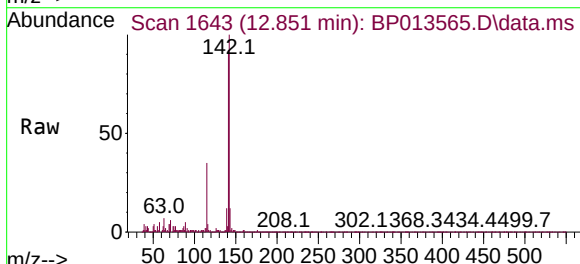
Instrument :
BNA_P
ClientSampleId :
WC-38

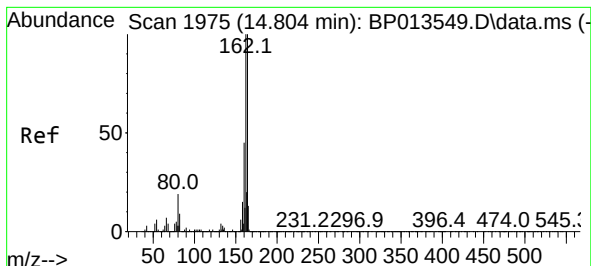
Tgt Ion:142 Resp: 1300841
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2
115 33.7 27.4 41.2



#38
1-Methylnaphthalene
Concen: 13.479 ng
RT: 12.851 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

Tgt Ion:142 Resp: 470768
Ion Ratio Lower Upper
142 100
141 92.3 74.3 111.5
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.793 min Scan# 1975

Delta R.T. -0.006 min

Lab File: BP013565.D

Acq: 24 Jan 2023 11:43

Instrument :

BNA_P

ClientSampleId :

WC-38

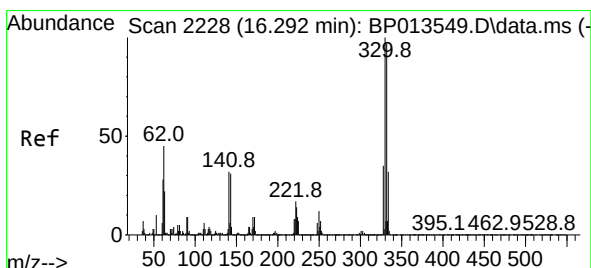
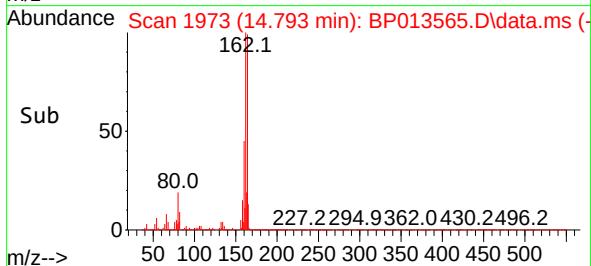
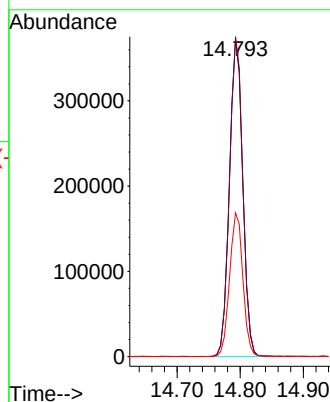
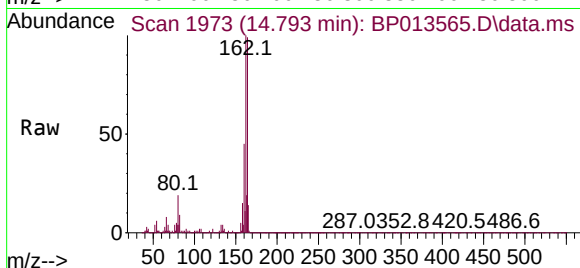
Tgt Ion:164 Resp: 544889

Ion Ratio Lower Upper

164 100

162 100.8 80.1 120.1

160 45.3 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 130.649 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BP013565.D

Acq: 24 Jan 2023 11:43

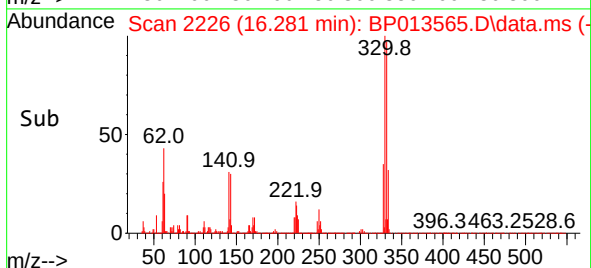
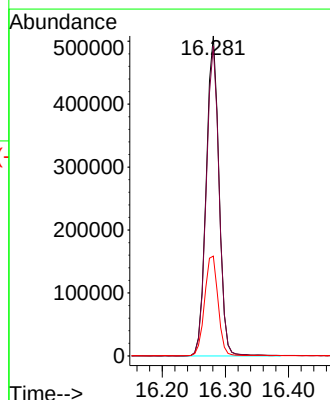
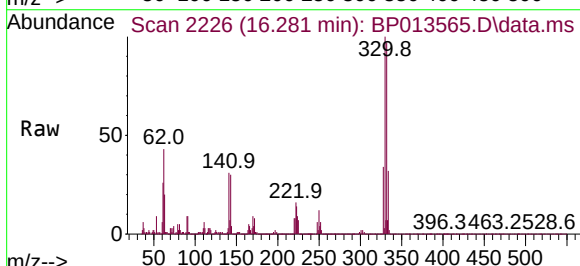
Tgt Ion:330 Resp: 714060

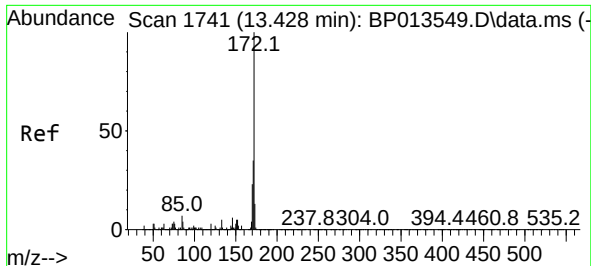
Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 32.6 27.6 41.4

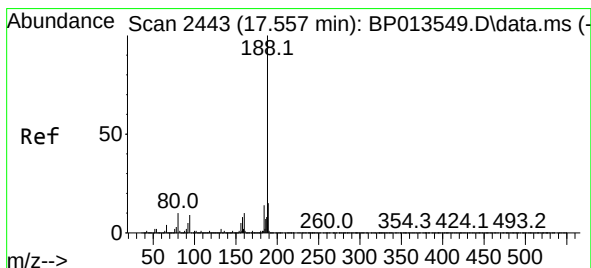
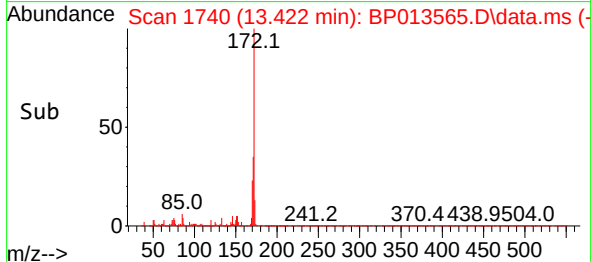
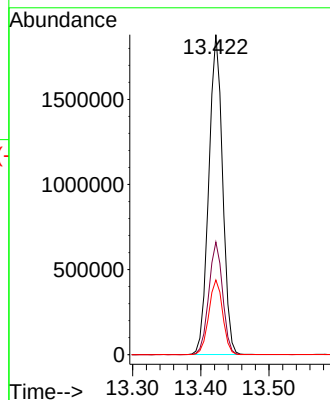
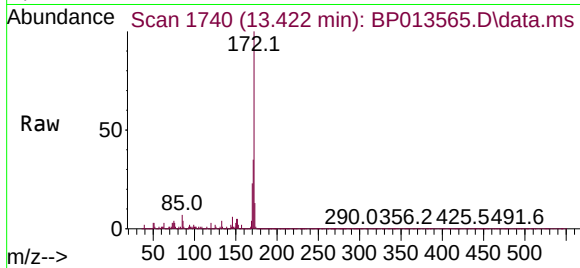




#45
2-Fluorobiphenyl
Concen: 66.761 ng
RT: 13.422 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

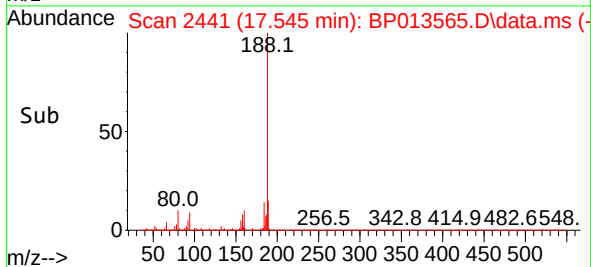
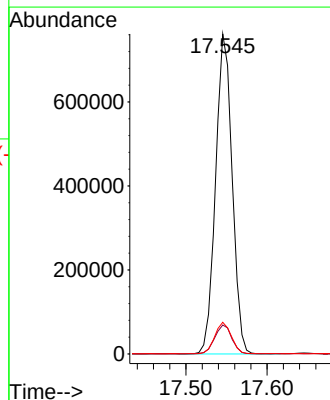
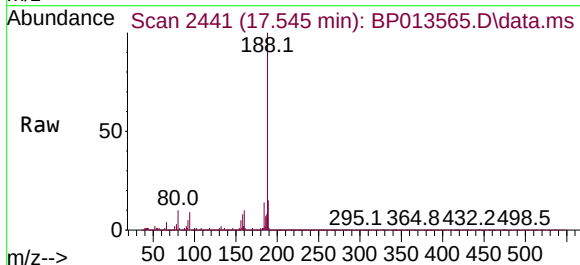
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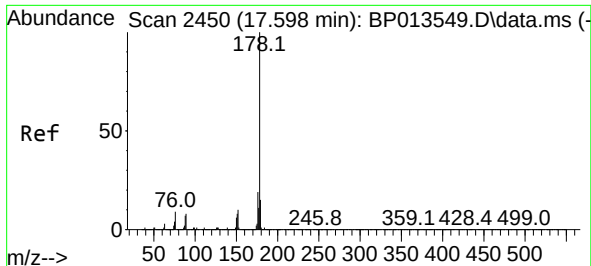
Tgt Ion:172 Resp: 2650143
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.3 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

Tgt Ion:188 Resp: 1077804
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.9 8.2 12.2

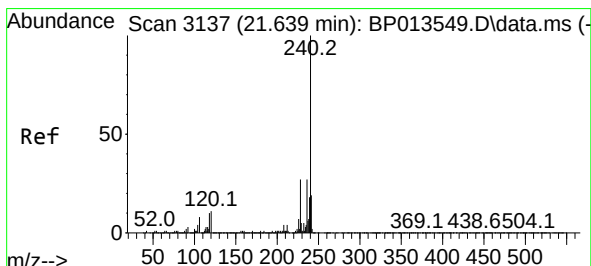
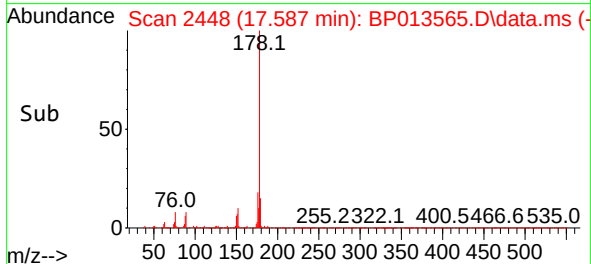
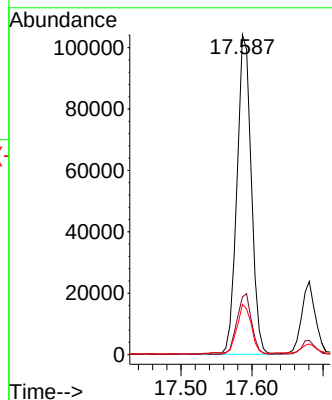
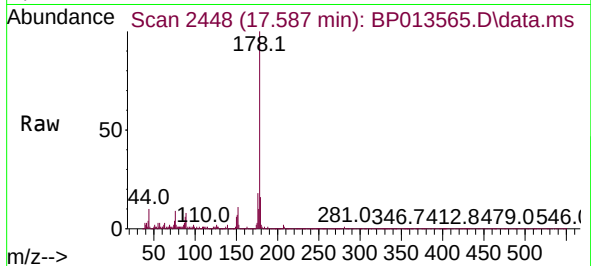




#71
Phenanthrene
Concen: 2.428 ng
RT: 17.587 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

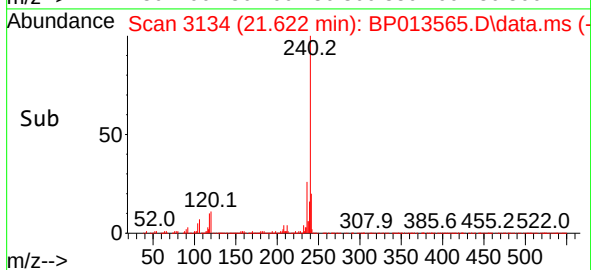
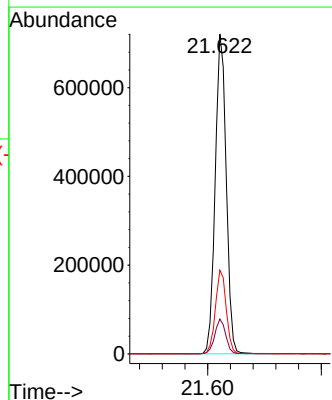
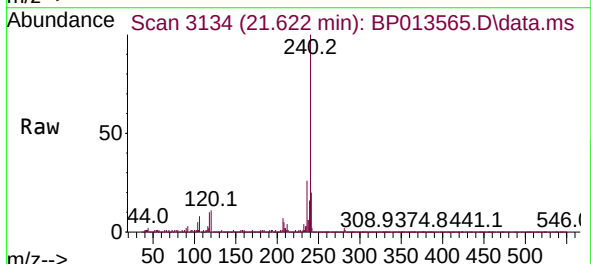
Instrument :
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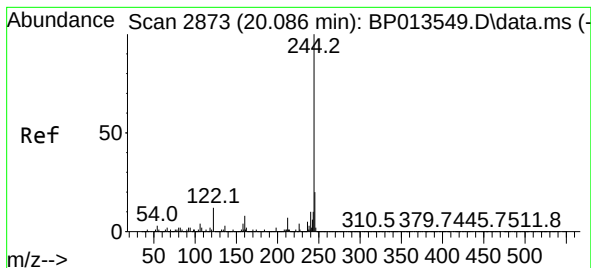
Tgt Ion:178 Resp: 145625
Ion Ratio Lower Upper
178 100
176 18.0 15.5 23.3
179 15.7 12.2 18.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BP013565.D
Acq: 24 Jan 2023 11:43

Tgt Ion:240 Resp: 971180
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 26.1 21.3 31.9





#79

Terphenyl-d14

Concen: 63.656 ng

RT: 20.081 min Scan# 2873

Delta R.T. -0.000 min

Lab File: BP013565.D

Acq: 24 Jan 2023 11:43

Instrument :

BNA_P

ClientSampleId :

WC-38

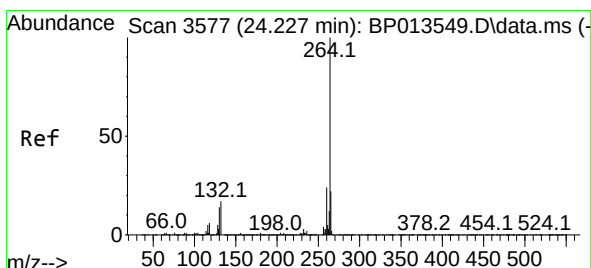
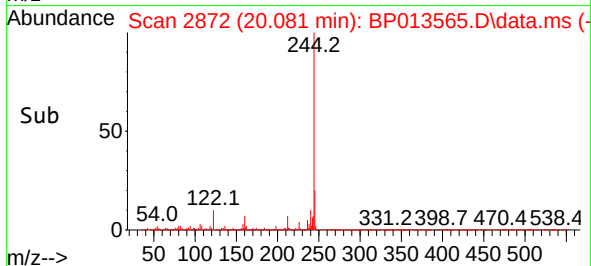
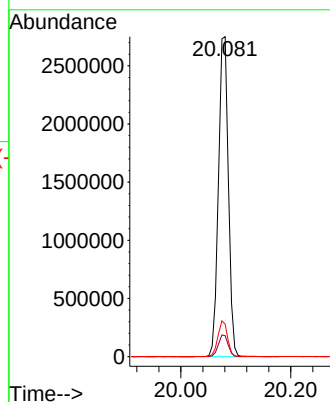
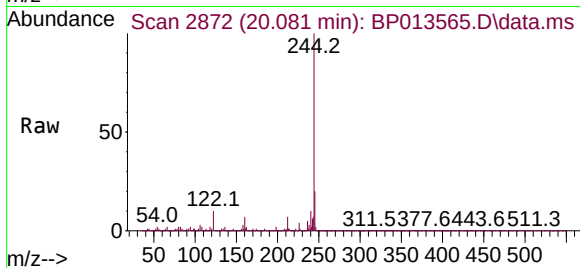
Tgt Ion:244 Resp: 3436443

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.1 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.210 min Scan# 3574

Delta R.T. -0.006 min

Lab File: BP013565.D

Acq: 24 Jan 2023 11:43

Tgt Ion:264 Resp: 1162665

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.4 17.4 26.2

