

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020516.D
 Acq On : 05 Jun 2024 13:41
 Operator : MA/JU
 Sample : P2686-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TPP

Quant Time: Jun 05 14:10:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

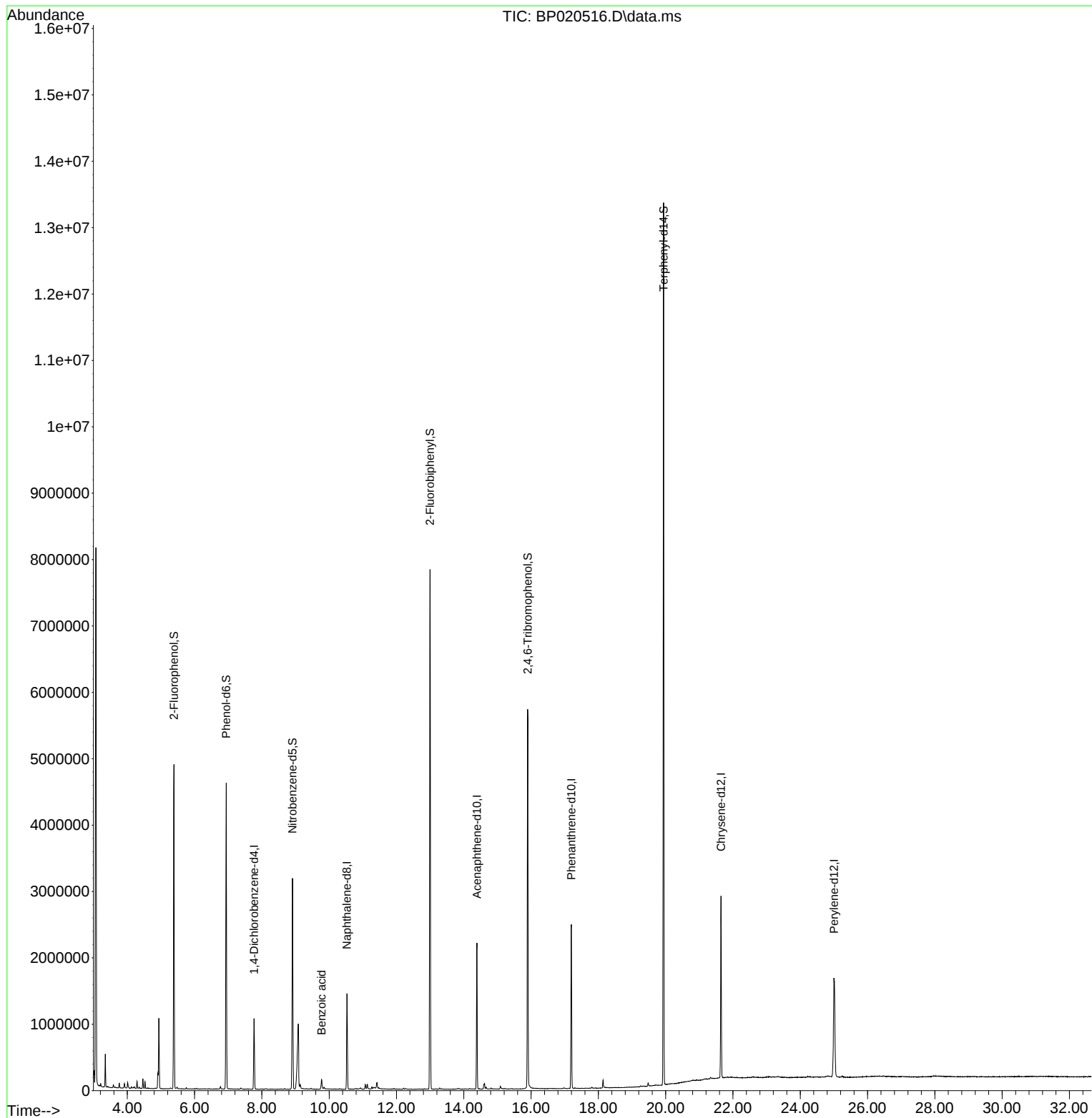
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	295710	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1144576	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	752942	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1566431	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1457586	20.000	ng	-0.02
86) Perylene-d12	25.003	264	1629685	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2046050	123.883	ng	0.01
7) Phenol-d6	6.940	99	2423702	104.059	ng	0.00
23) Nitrobenzene-d5	8.910	82	1852364	88.590	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	1157714	148.157	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	4155187	82.267	ng	0.00
79) Terphenyl-d14	19.939	244	6824620	77.945	ng	0.00
Target Compounds						
32) Benzoic acid	9.775	122	53871	10.809	ng	Qvalue 96

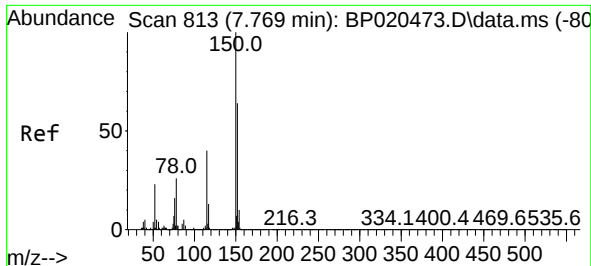
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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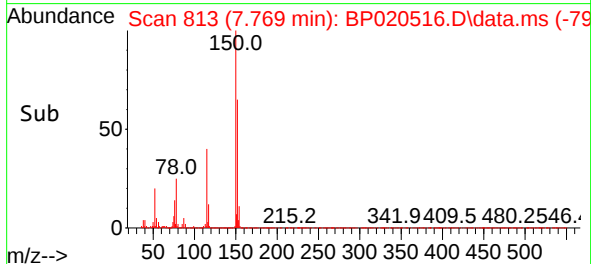
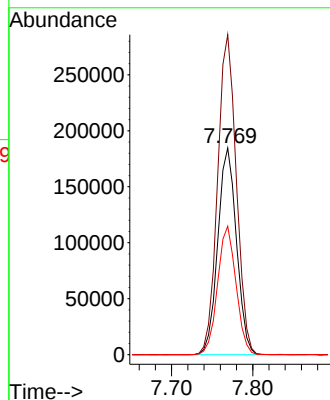
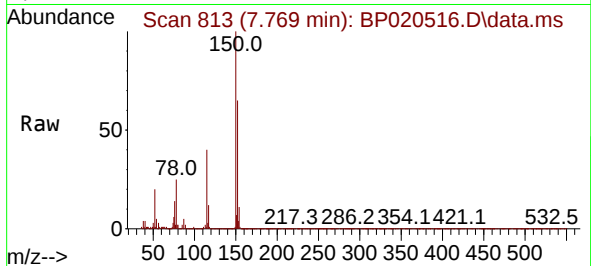




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

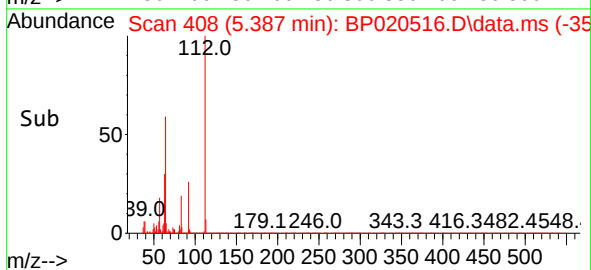
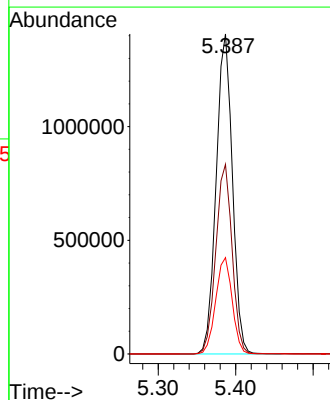
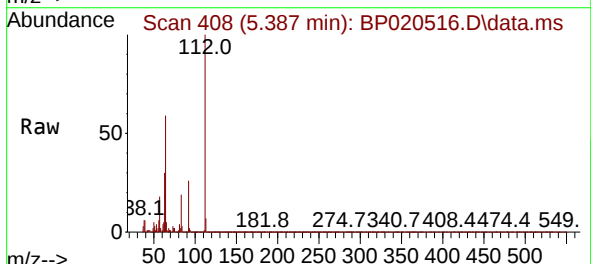
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

Tgt Ion:152 Resp: 295710
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.2
115 62.2 49.5 74.3



#5
2-Fluorophenol
Concen: 123.883 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.012 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

Tgt Ion:112 Resp: 2046050
Ion Ratio Lower Upper
112 100
64 59.2 50.1 75.1
63 30.1 25.7 38.5

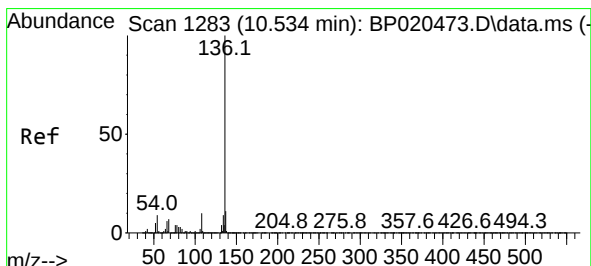
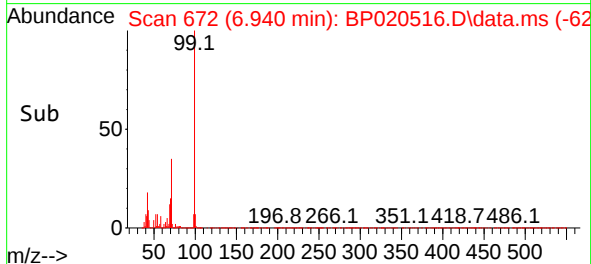
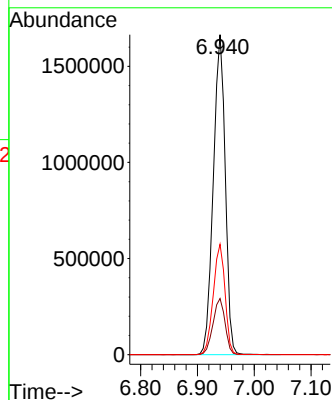
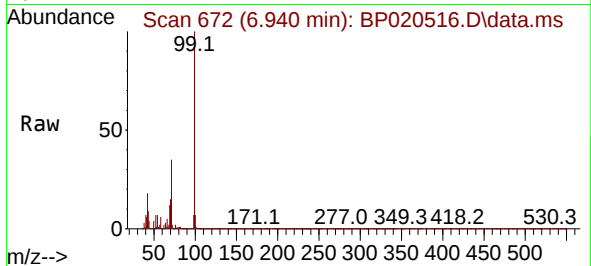




#7
Phenol-d6
Concen: 104.059 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

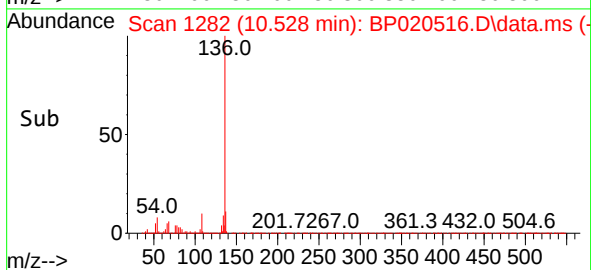
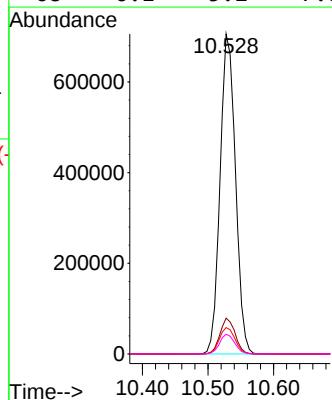
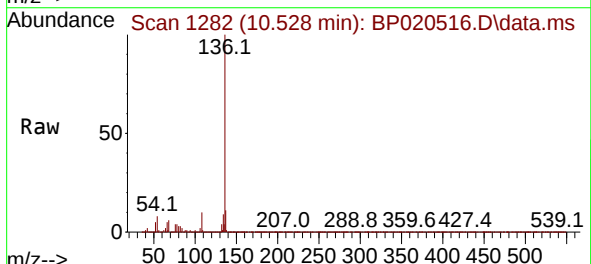
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

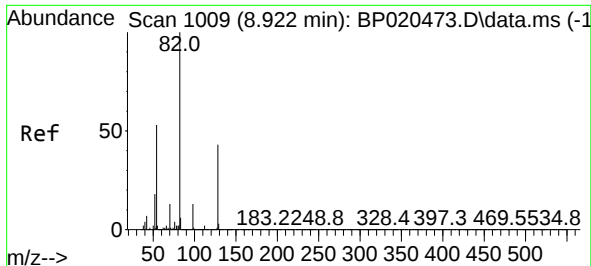
Tgt Ion: 99 Resp: 2423702
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 34.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

Tgt Ion: 136 Resp: 1144576
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.2 7.4 11.0
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 88.590 ng

RT: 8.910 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BP020516.D

Acq: 05 Jun 2024 13:41

Instrument :

BNA_P

ClientSampleId :

WCS-TPP

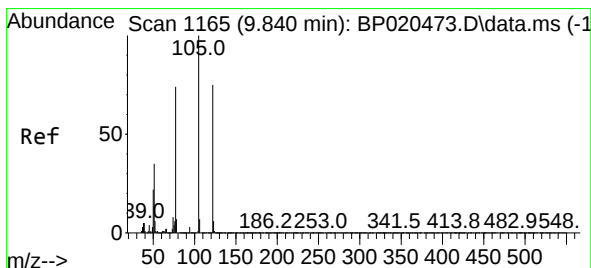
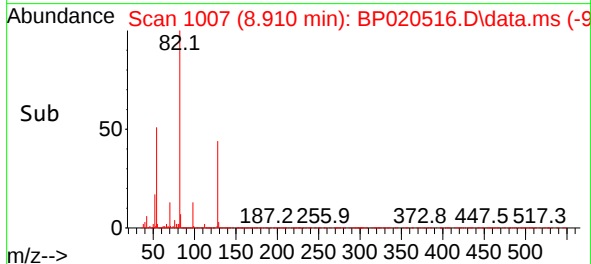
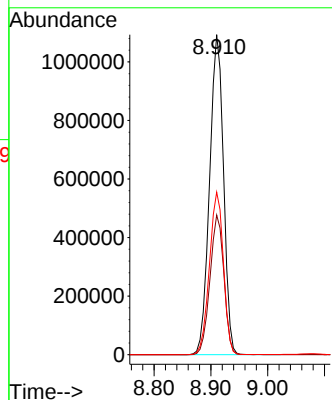
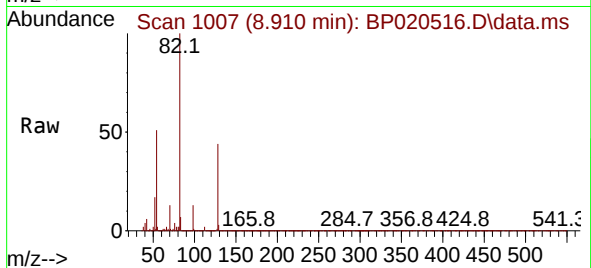
Tgt Ion: 82 Resp: 1852364

Ion Ratio Lower Upper

82 100

128 43.6 34.2 51.4

54 50.8 42.7 64.1



#32

Benzoic acid

Concen: 10.809 ng

RT: 9.775 min Scan# 1154

Delta R.T. -0.065 min

Lab File: BP020516.D

Acq: 05 Jun 2024 13:41

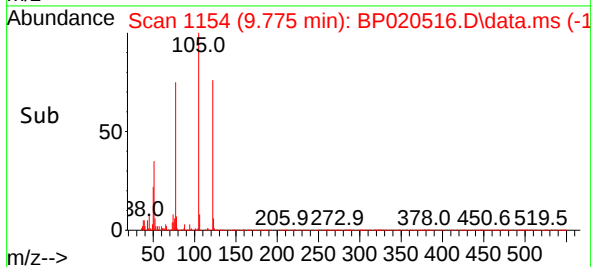
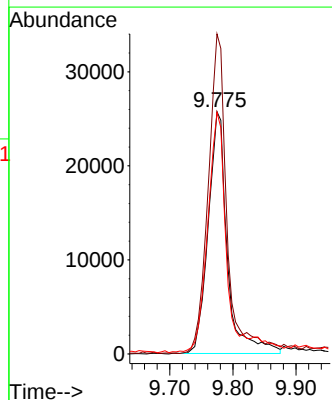
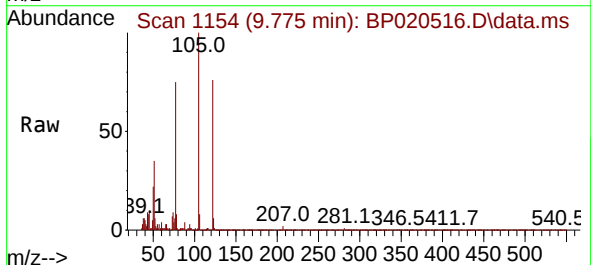
Tgt Ion: 122 Resp: 53871

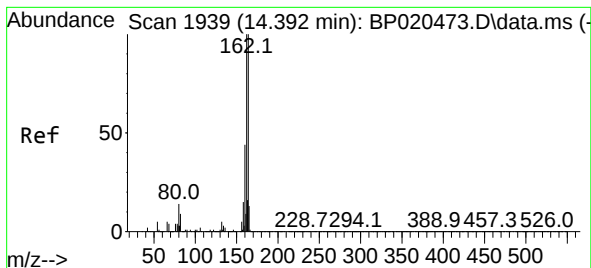
Ion Ratio Lower Upper

122 100

105 132.1 107.5 147.5

77 99.7 76.1 116.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BP020516.D

Acq: 05 Jun 2024 13:41

Instrument :

BNA_P

ClientSampleId :

WCS-TPP

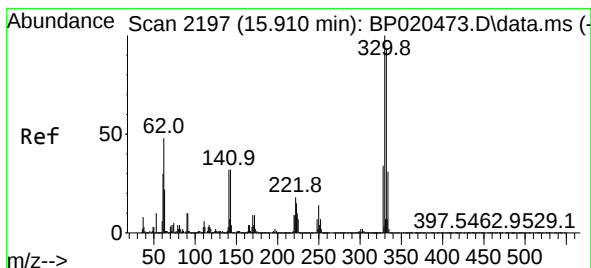
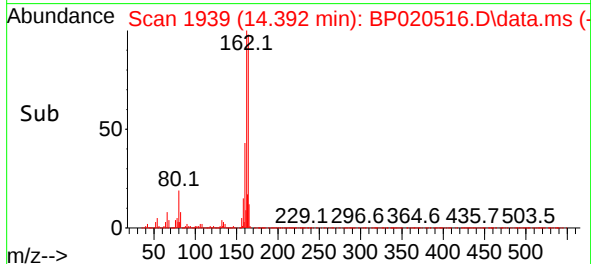
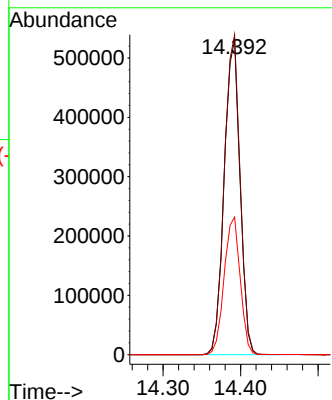
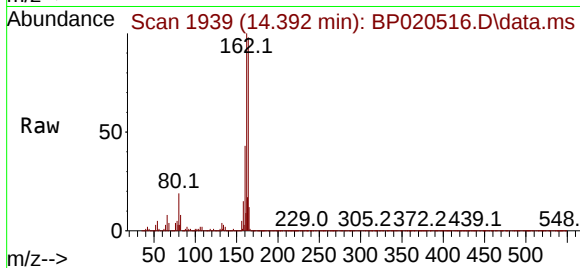
Tgt Ion:164 Resp: 752942

Ion Ratio Lower Upper

164 100

162 101.6 80.3 120.5

160 43.7 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 148.157 ng

RT: 15.904 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BP020516.D

Acq: 05 Jun 2024 13:41

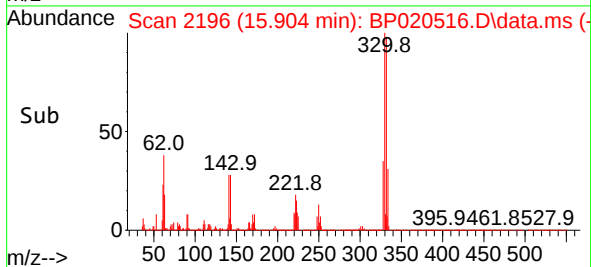
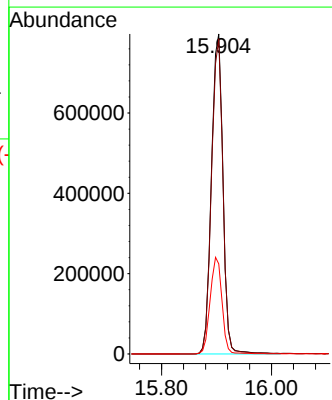
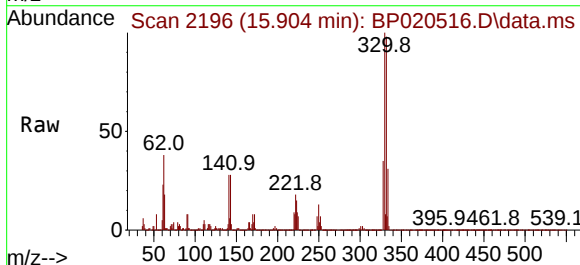
Tgt Ion:330 Resp: 1157714

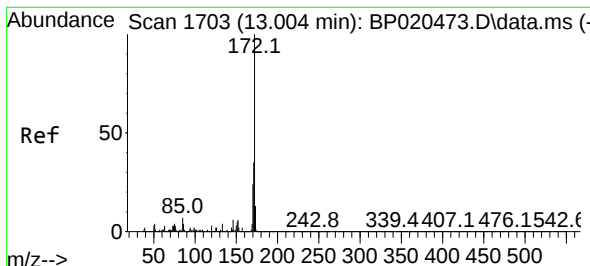
Ion Ratio Lower Upper

330 100

332 97.6 76.6 114.8

141 31.1 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 82.267 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP020516.D

Acq: 05 Jun 2024 13:41

Instrument :

BNA_P

ClientSampleId :

WCS-TPP

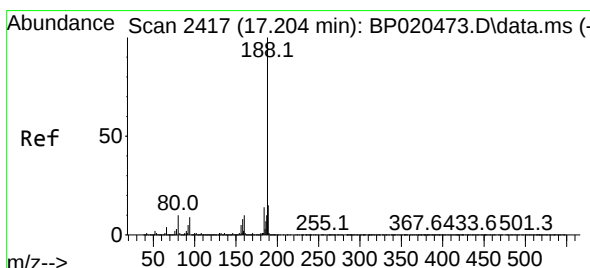
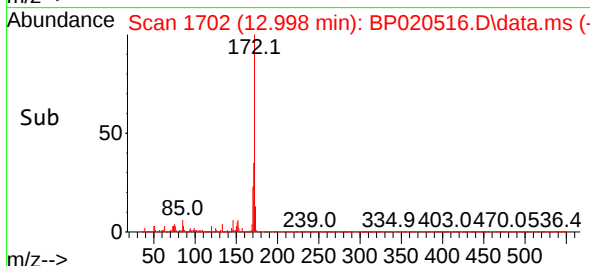
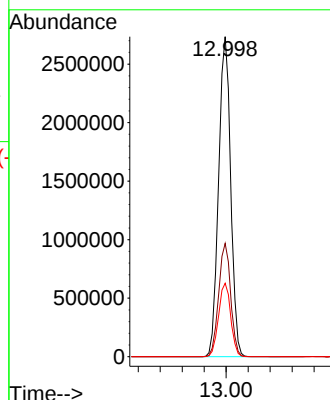
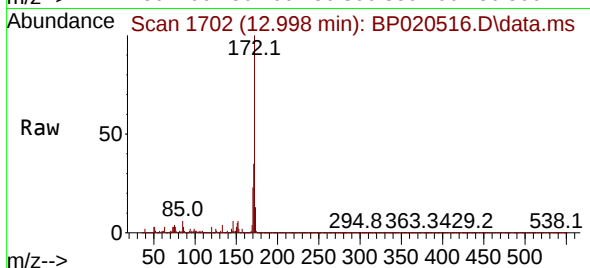
Tgt Ion:172 Resp: 4155187

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.0 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP020516.D

Acq: 05 Jun 2024 13:41

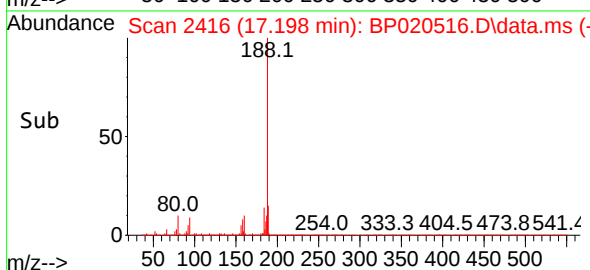
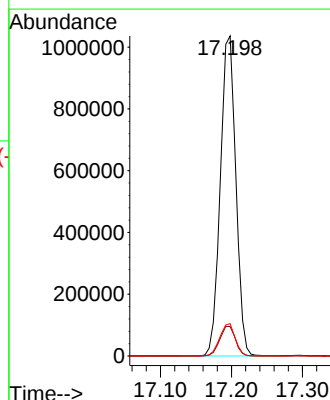
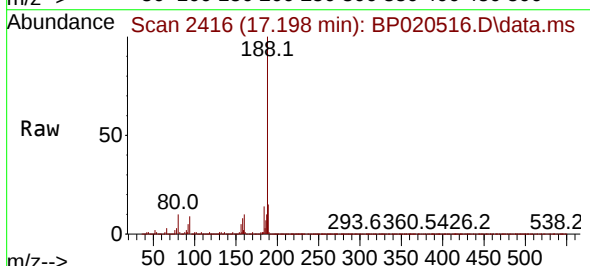
Tgt Ion:188 Resp: 1566431

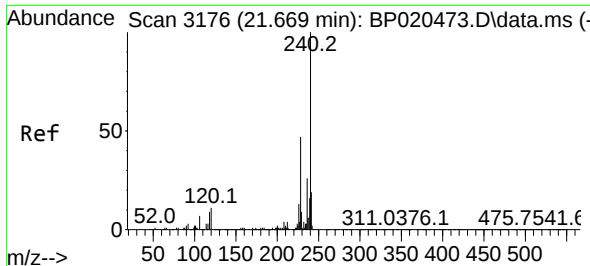
Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 10.1 8.1 12.1

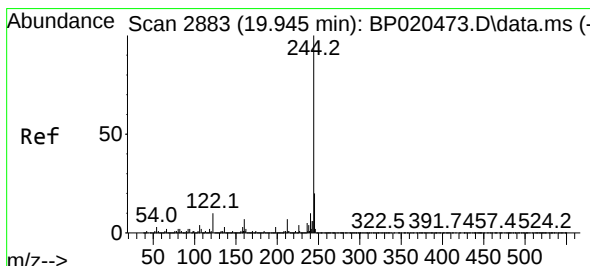
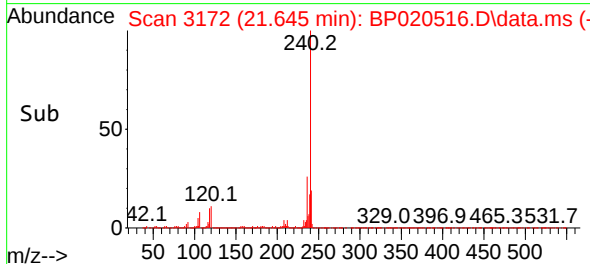
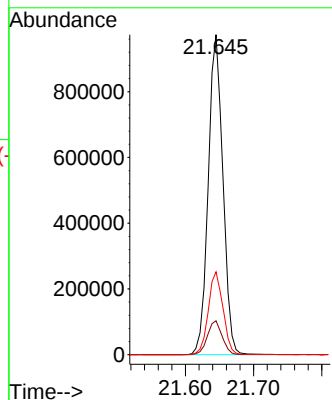
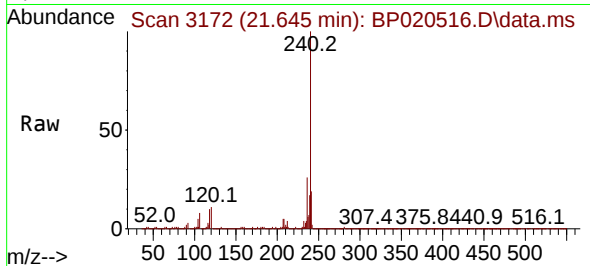




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3176
Delta R.T. -0.024 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

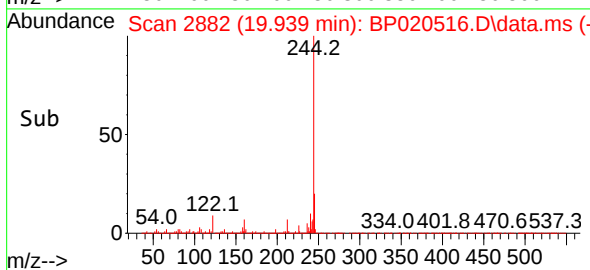
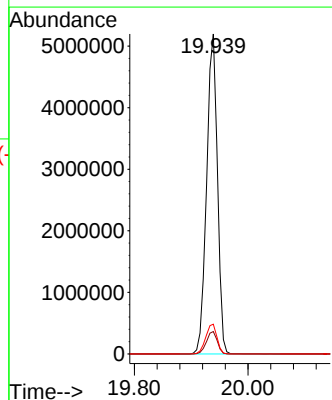
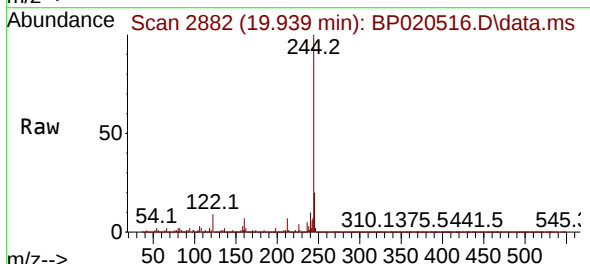
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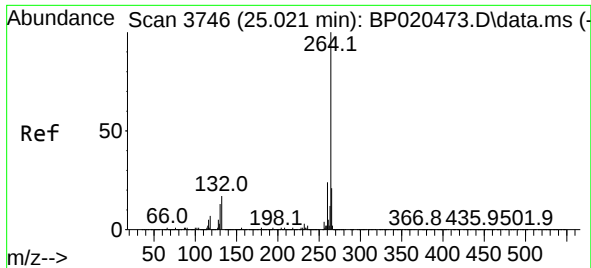
Tgt Ion:240 Resp: 1457586
Ion Ratio Lower Upper
240 100
120 10.6 8.5 12.7
236 25.9 20.5 30.7



#79
Terphenyl-d14
Concen: 77.945 ng
RT: 19.939 min Scan# 2882
Delta R.T. -0.006 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

Tgt Ion:244 Resp: 6824620
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.3 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

Instrument :
BNA_P
ClientSampleId :
WCS-TPP

Tgt Ion:264 Resp: 1629685

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.5	17.4	26.0

