

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)

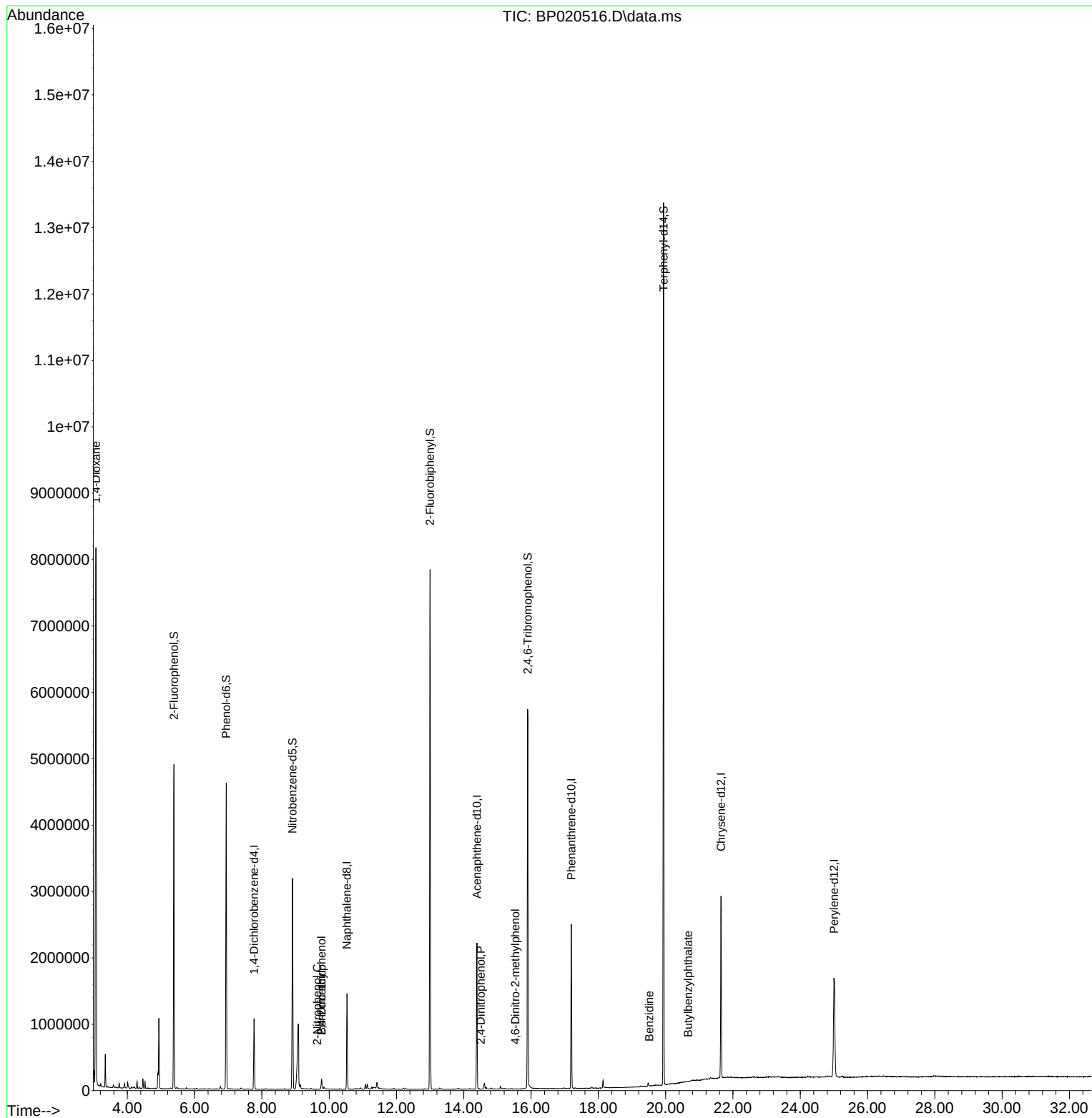
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	295710	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1144576	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	752942	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1566431	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1457586	20.000	ng	-0.02
86) 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						
						Qvalue
2) 1,4-Dioxane	3.069	88	74333	11.139	ng	# 1
26) 2-Nitrophenol	9.645	139	17	3.793	ng	# 1
27) 2,4-Dimethylphenol	9.775	122	53871	4.389	ng	# 3
32) Benzoic acid	9.775	122	53871	10.809	ng	96
54) 2,4-Dinitrophenol	14.510	184	29	4.981	ng	# 10
65) 4,6-Dinitro-2-methylph...	15.533	198	46	7.659	ng	# 1
77) Benzidine	19.515	184	294	5.976	ng	# 1
80) Butylbenzylphthalate	20.668	149	623	2.444	ng	# 85

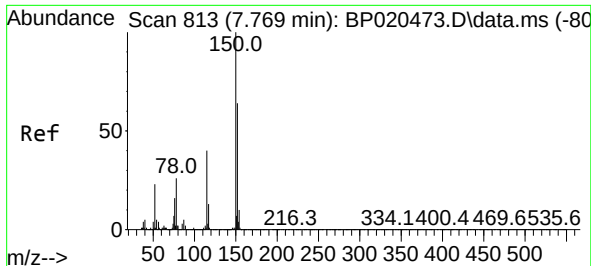
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

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BNA_P
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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

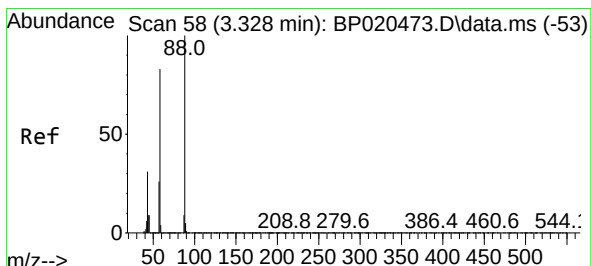
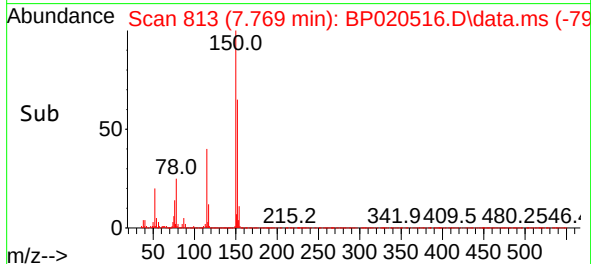
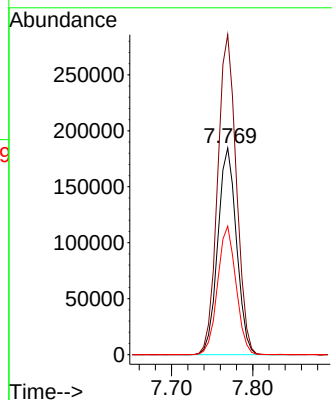
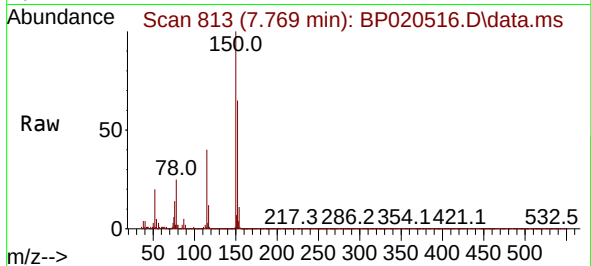




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP020516.D
 Acq: 05 Jun 2024 13:41

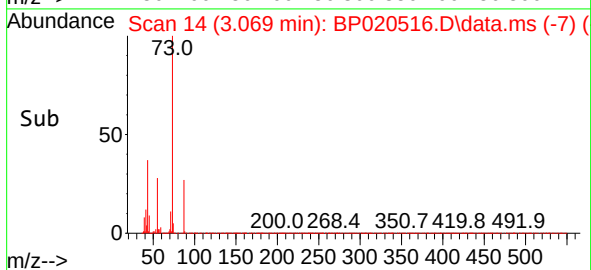
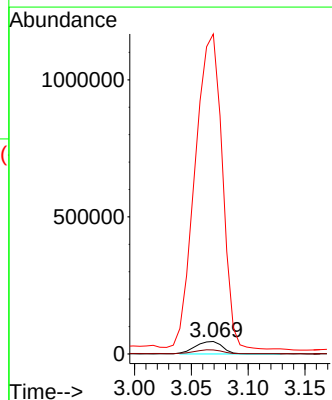
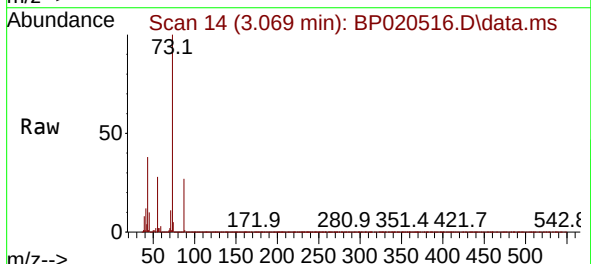
Instrument :
 BNA_P
 ClientSampleId :
 WCS-TPP

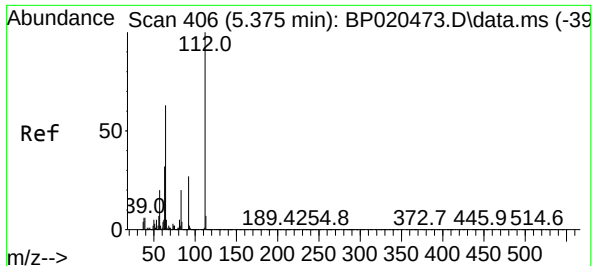
Tgt Ion:152 Resp: 295710
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.2 186.2
 115 62.2 49.5 74.3



#2
 1,4-Dioxane
 Concen: 11.139 ng
 RT: 3.069 min Scan# 14
 Delta R.T. -0.259 min
 Lab File: BP020516.D
 Acq: 05 Jun 2024 13:41

Tgt Ion: 88 Resp: 74333
 Ion Ratio Lower Upper
 88 100
 58 29.7 64.6 97.0#
 43 2556.4 24.5 36.7#

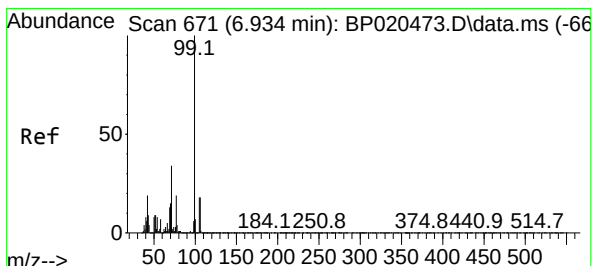
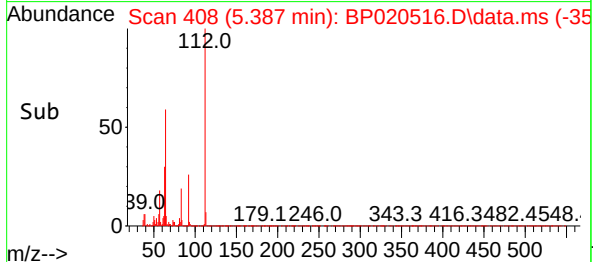
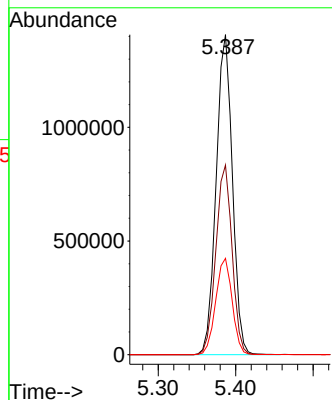
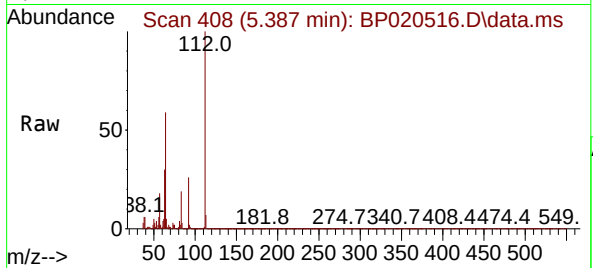




#5
2-Fluorophenol
Concen: 123.883 ng
RT: 5.387 min Scan# 406
Delta R.T. 0.012 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

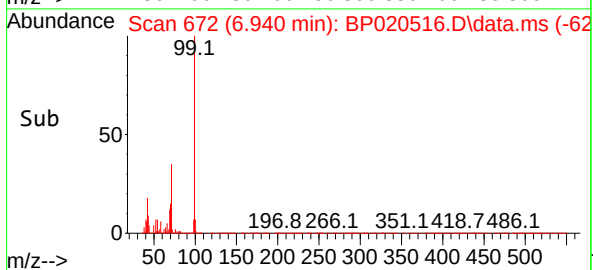
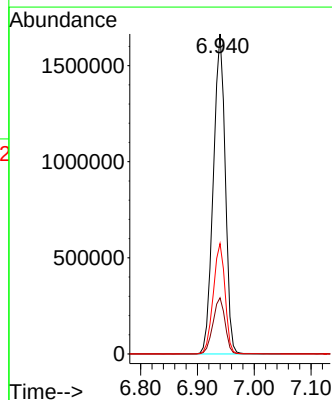
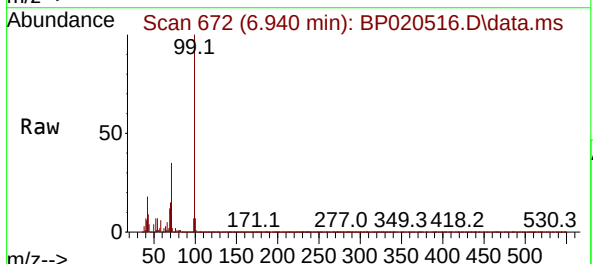
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

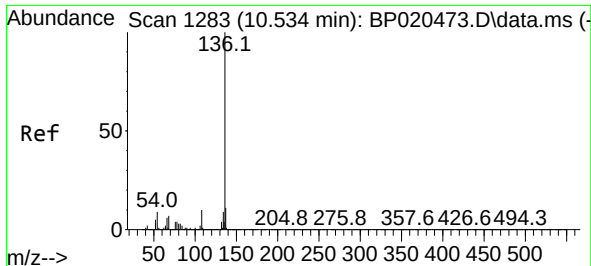
Tgt Ion:112 Resp: 2046050
Ion Ratio Lower Upper
112 100
64 59.2 50.1 75.1
63 30.1 25.7 38.5



#7
Phenol-d6
Concen: 104.059 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.006 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

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

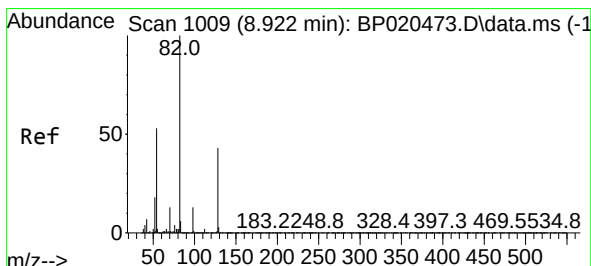
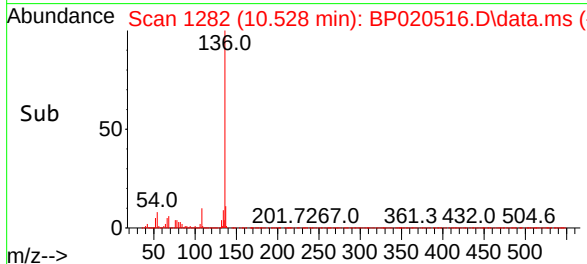
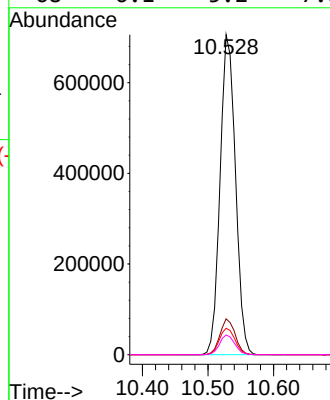
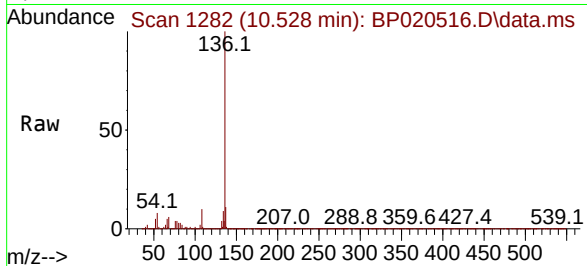




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

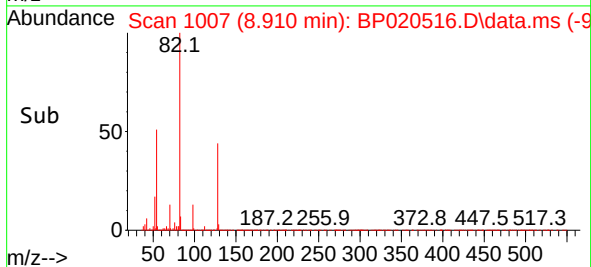
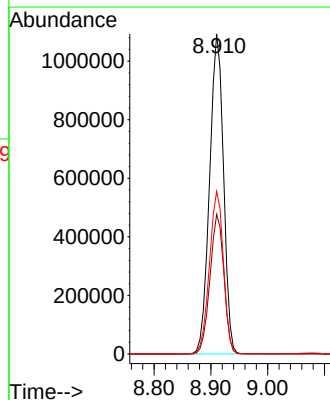
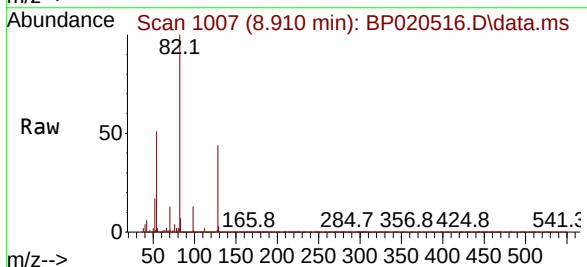
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

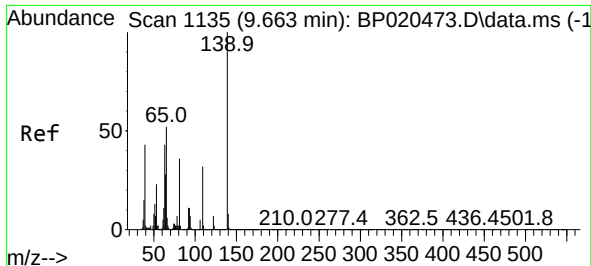
Tgt Ion:136 Resp: 1144576
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.2 7.4 11.0
68 6.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 88.590 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

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

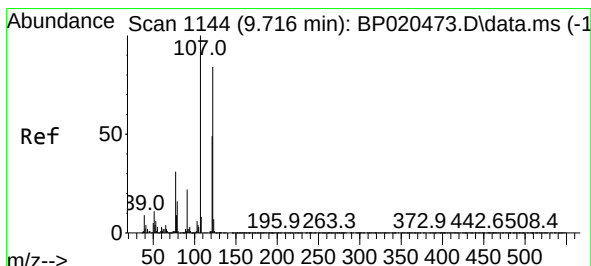
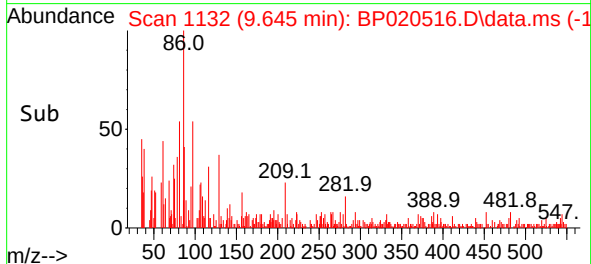
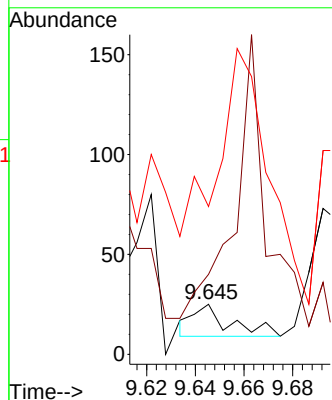
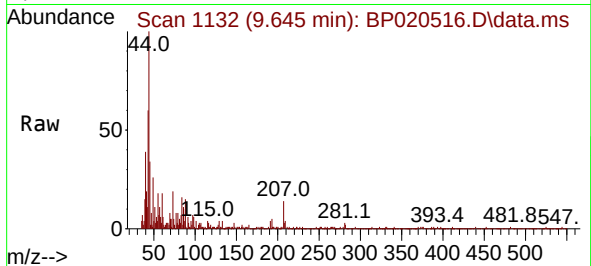




#26
2-Nitrophenol
Concen: 3.793 ng
RT: 9.645 min Scan# 1135
Delta R.T. -0.018 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

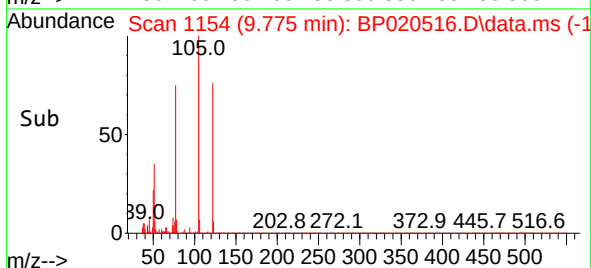
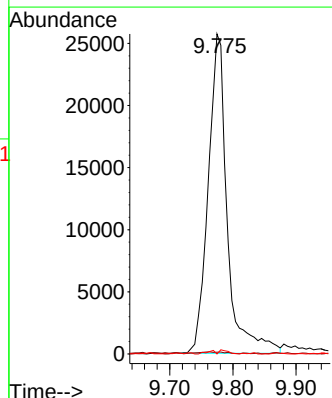
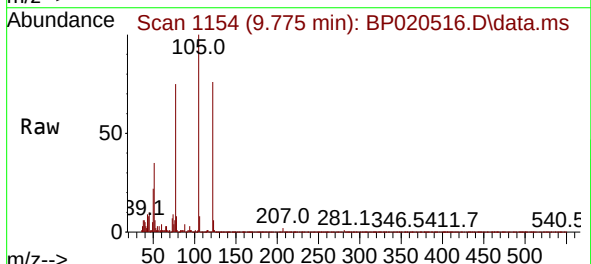
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

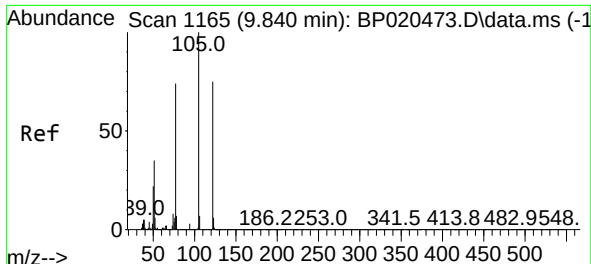
Tgt Ion:139 Resp: 17
Ion Ratio Lower Upper
139 100
109 160.0 25.8 38.8#
65 296.0 41.8 62.8#



#27
2,4-Dimethylphenol
Concen: 4.389 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.059 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

Tgt Ion:122 Resp: 53871
Ion Ratio Lower Upper
122 100
107 0.5 95.0 142.4#
121 0.0 46.1 69.1#

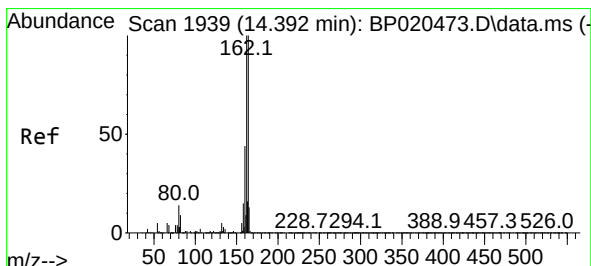
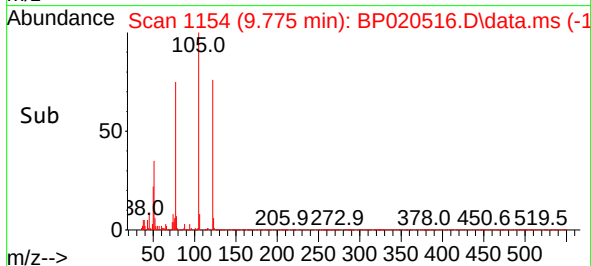
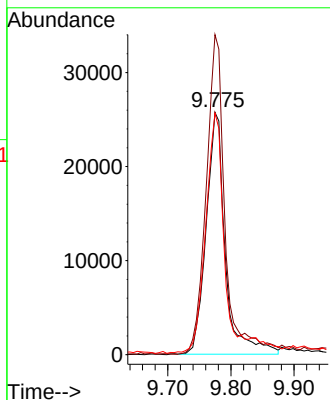
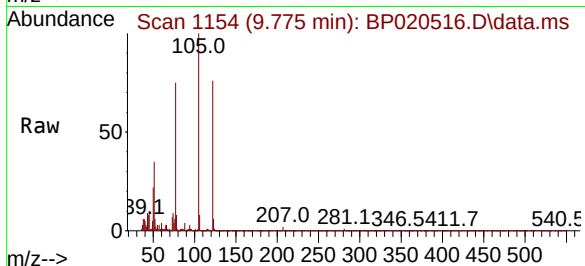




#32
Benzoic acid
Concen: 10.809 ng
RT: 9.775 min Scan# 1165
Delta R.T. -0.065 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

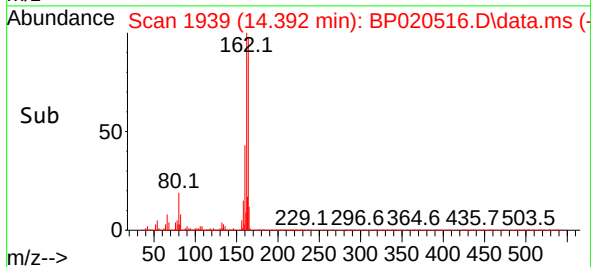
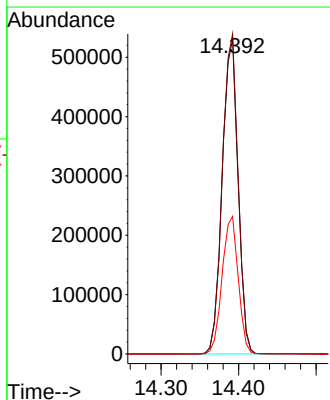
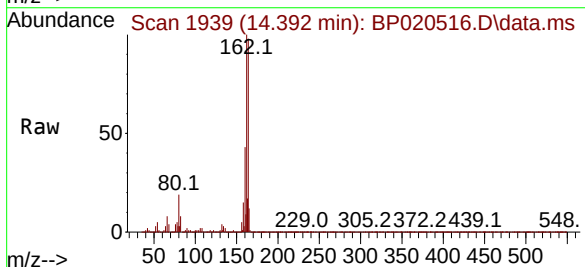
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BNA_P
ClientSampleId :
WCS-TPP

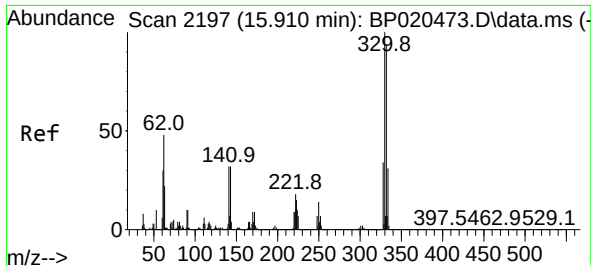
Tgt Ion:122 Resp: 53871
Ion Ratio Lower Upper
122 100
105 132.1 107.5 147.5
77 99.7 76.1 116.1



#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

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

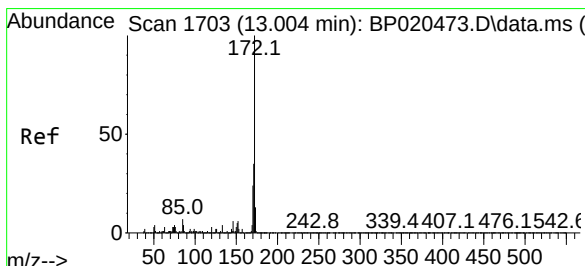
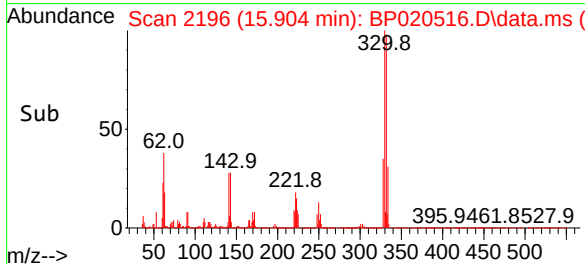
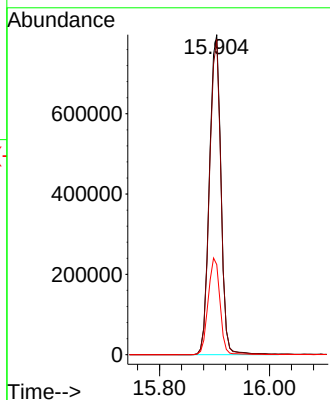
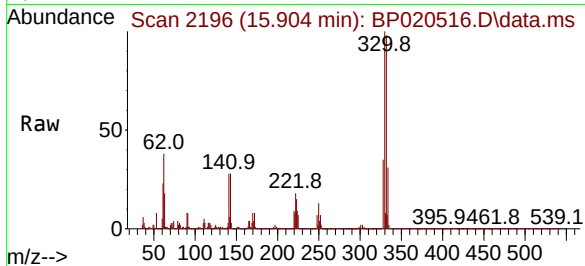




#42
2,4,6-Tribromophenol
Concen: 148.157 ng
RT: 15.904 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

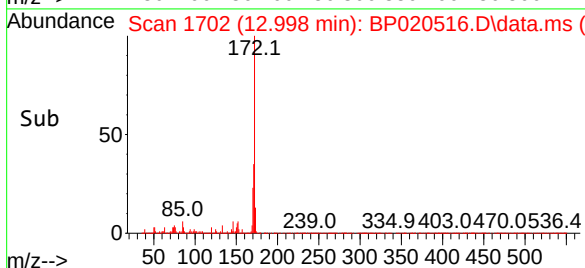
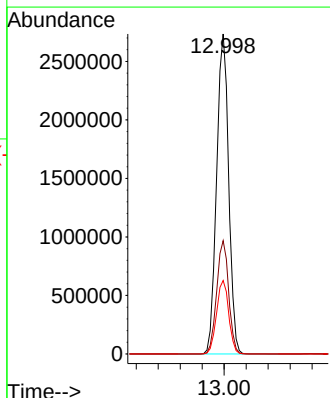
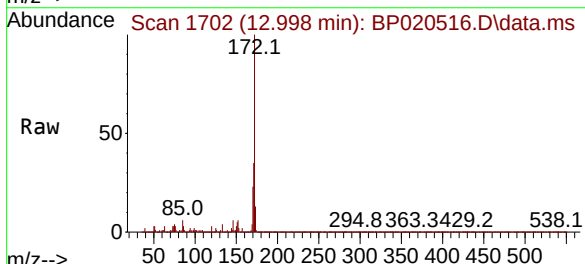
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WCS-TPP

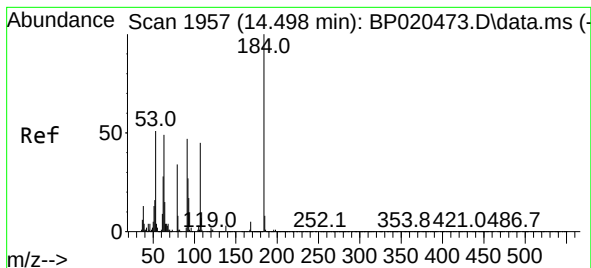
Tgt Ion:330 Resp: 1157714
Ion Ratio Lower Upper
330 100
332 97.6 76.6 114.8
141 31.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 82.267 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

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

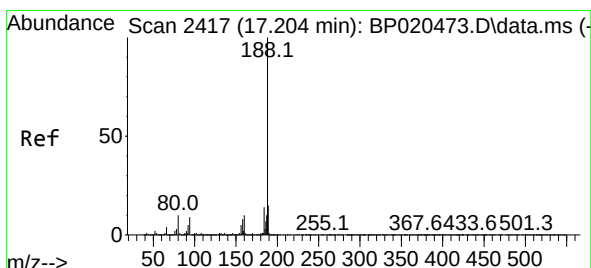
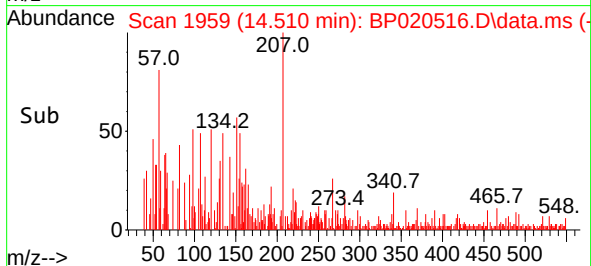
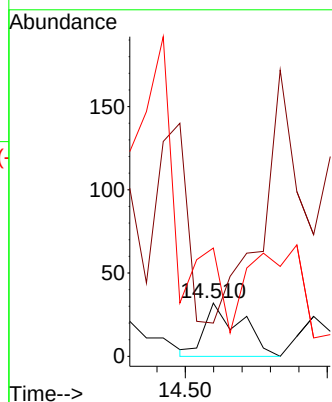
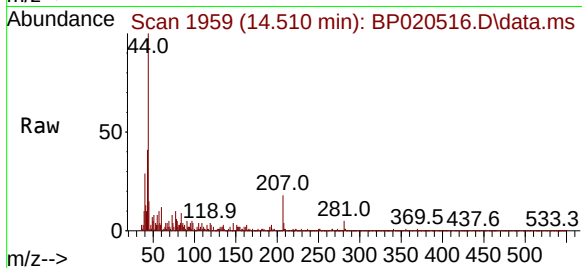




#54
2,4-Dinitrophenol
Concen: 4.981 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

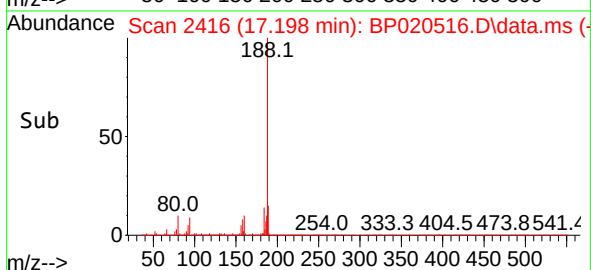
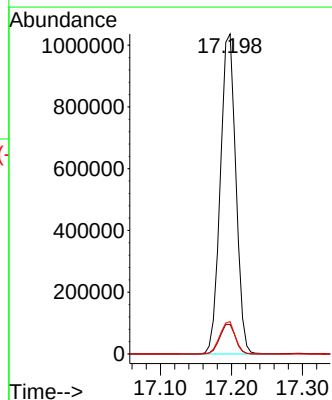
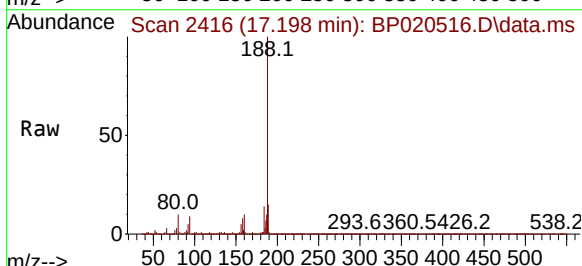
Instrument :
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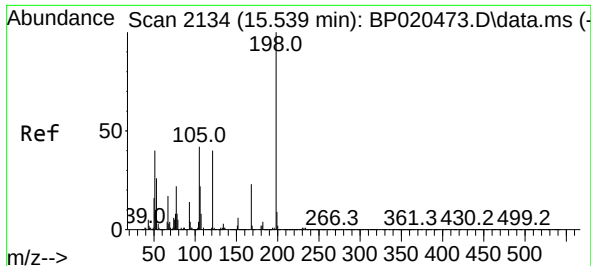
Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 62.5 54.2 81.4
154 203.1 51.0 76.6#



#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

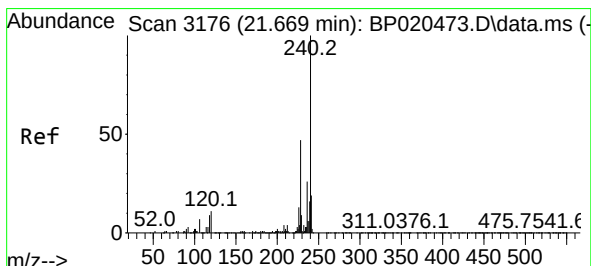
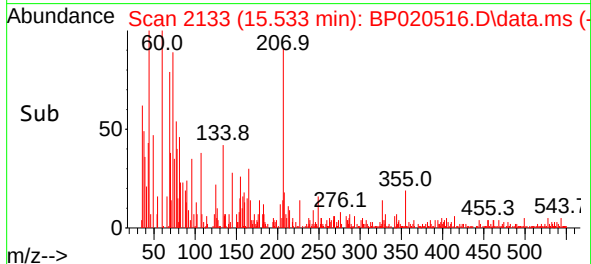
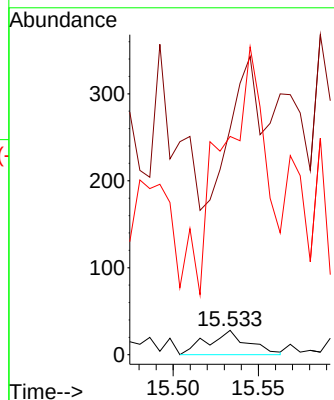
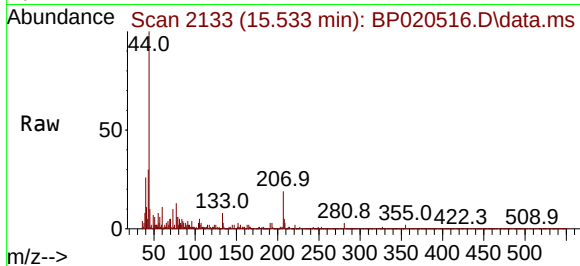




#65
4,6-Dinitro-2-methylphenol
Concen: 7.659 ng
RT: 15.533 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

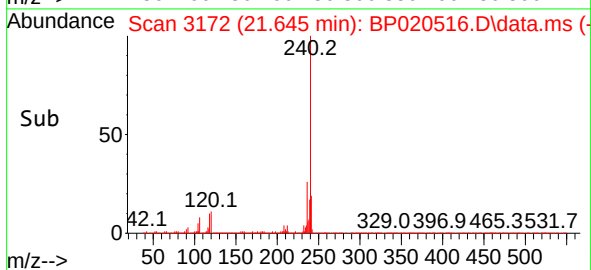
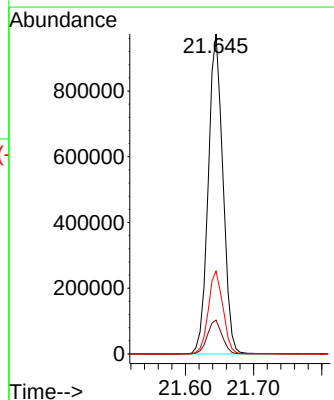
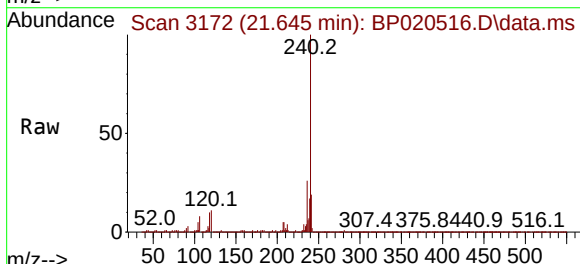
Instrument :
BNA_P
ClientSampleId :
WCS-TPP

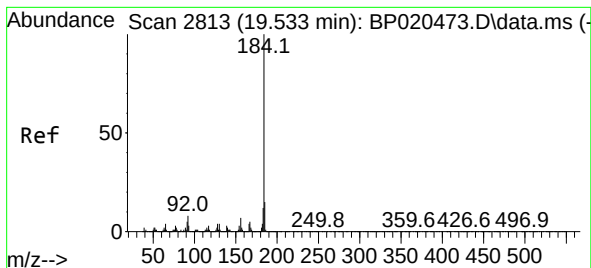
Tgt Ion:198 Resp: 46
Ion Ratio Lower Upper
198 100
51 928.6 24.8 64.8#
105 896.4 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3172
Delta R.T. -0.024 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

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





#77

Benzidine

Concen: 5.976 ng

RT: 19.515 min Scan# 2810

Delta R.T. -0.018 min

Lab File: BP020516.D

Acq: 05 Jun 2024 13:41

Instrument :

BNA_P

ClientSampleId :

WCS-TPP

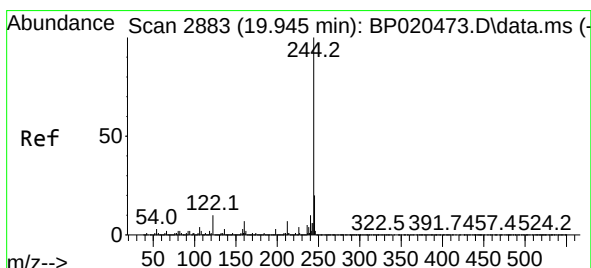
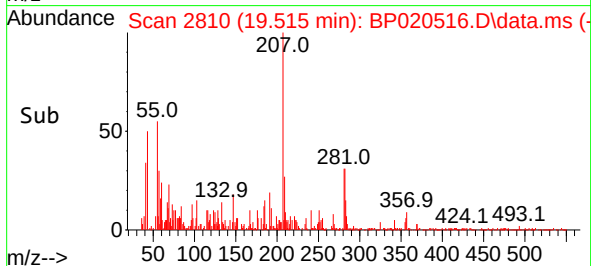
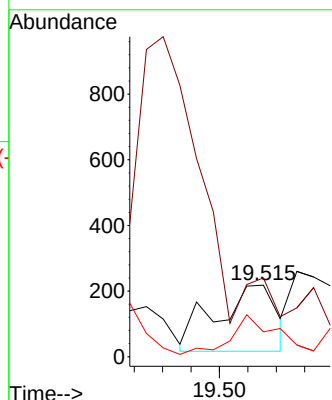
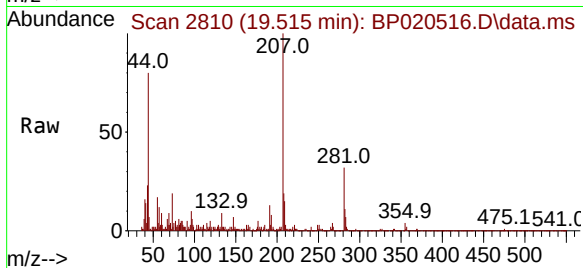
Tgt Ion:184 Resp: 294

Ion Ratio Lower Upper

184 100

185 110.1 12.0 18.0#

183 34.9 9.4 14.0#



#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

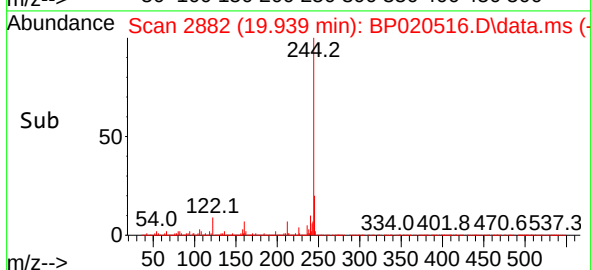
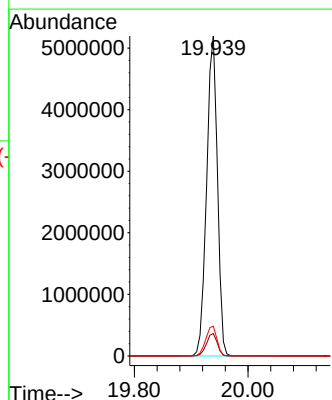
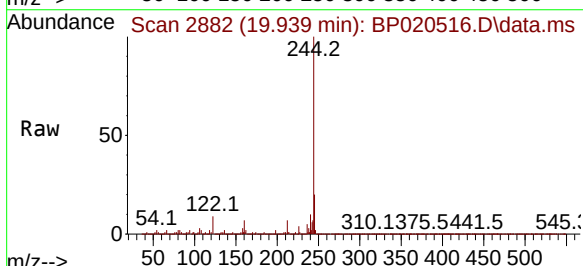
Tgt Ion:244 Resp: 6824620

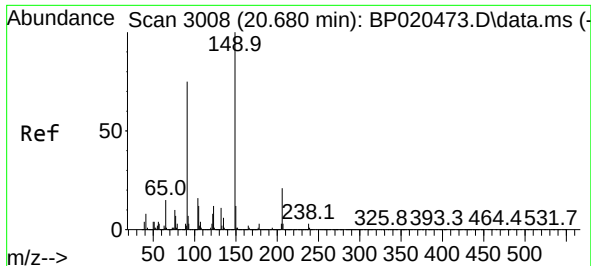
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.3 8.2 12.2

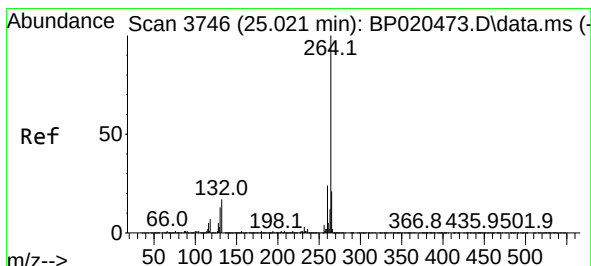
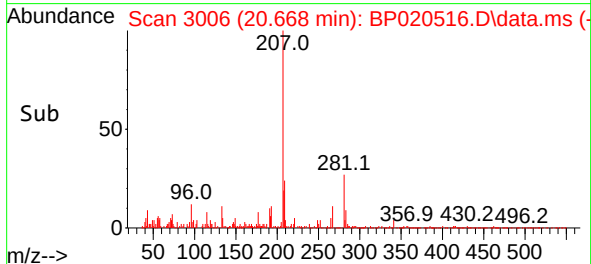
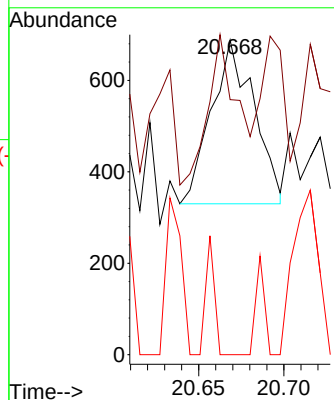
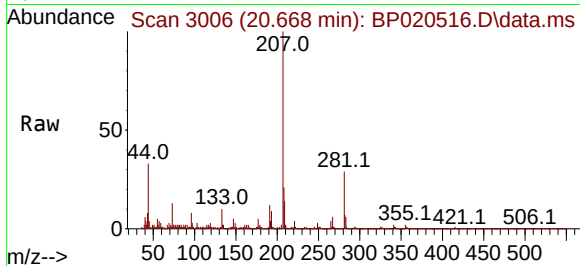




#80
Butylbenzylphthalate
Concen: 2.444 ng
RT: 20.668 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

Instrument :
BNA_P
ClientSampleId :
WCS-TPP

Tgt Ion:	149	Resp:	623
Ion	Ratio	Lower	Upper
149	100		
91	81.1	60.0	90.0
206	0.0	16.6	25.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3743
Delta R.T. -0.018 min
Lab File: BP020516.D
Acq: 05 Jun 2024 13:41

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

