

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009561.D
 Acq On : 28 Mar 2022 10:53
 Operator : CG/JU
 Sample : PB143654BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143654BL

Quant Time: Mar 29 03:10:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

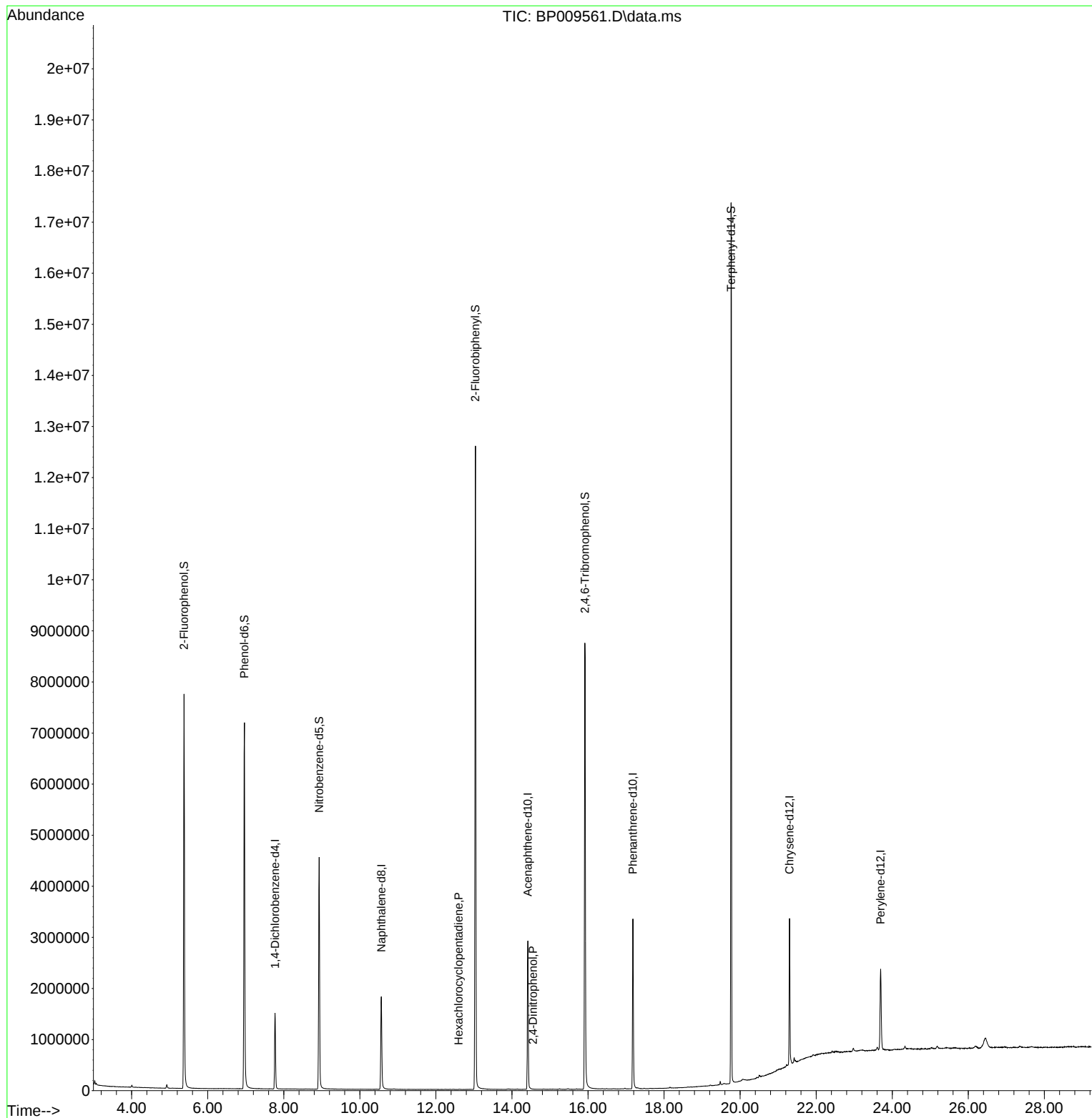
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	456264	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	1814885	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	1125579	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	2164973	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1552045	20.000	ng	0.00
86) Perylene-d12	23.692	264	1348910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3937785	150.683	ng	0.00
7) Phenol-d6	6.964	99	4886852	138.277	ng	0.00
23) Nitrobenzene-d5	8.928	82	3108985	91.032	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	2156839	116.121	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	7249485	89.286	ng	0.00
79) Terphenyl-d14	19.763	244	9068567	104.875	ng	0.00
Target Compounds						
9) Benzaldehyde	6.964	77	8974	Below Cal	#	7
41) Hexachlorocyclopentadiene	12.599	237	62	7.292	ng	81
54) 2,4-Dinitrophenol	14.551	184	12	4.534	ng	# 1

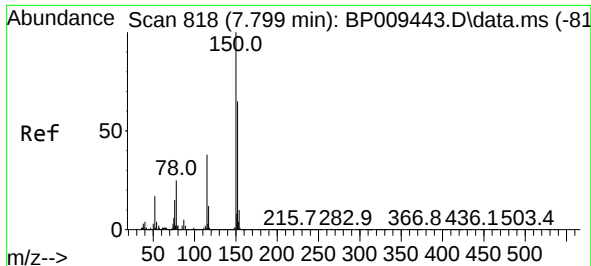
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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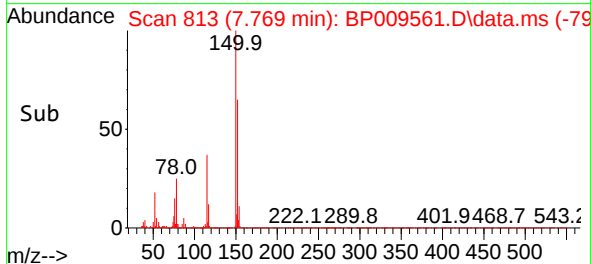
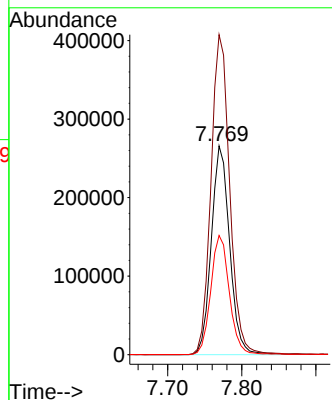
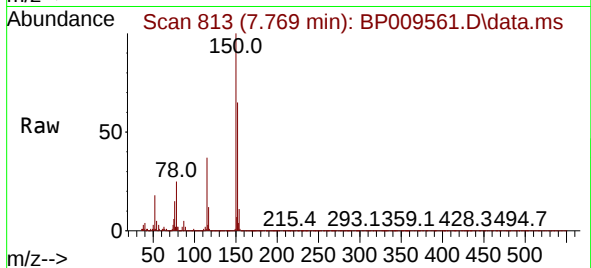




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP009561.D
 Acq: 28 Mar 2022 10:53

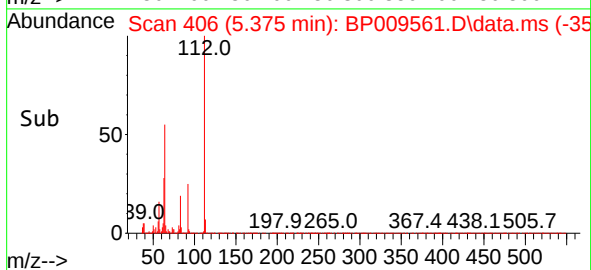
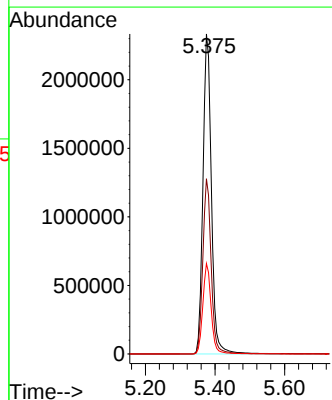
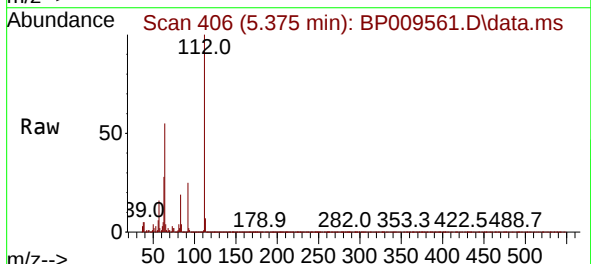
Instrument :
 BNA_P
 ClientSampleId :
 PB143654BL

Tgt Ion:152 Resp: 456264
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.5 186.7
 115 57.1 48.2 72.4



#5
 2-Fluorophenol
 Concen: 150.683 ng
 RT: 5.375 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: BP009561.D
 Acq: 28 Mar 2022 10:53

Tgt Ion:112 Resp: 3937785
 Ion Ratio Lower Upper
 112 100
 64 54.7 45.0 67.4
 63 28.2 23.0 34.6

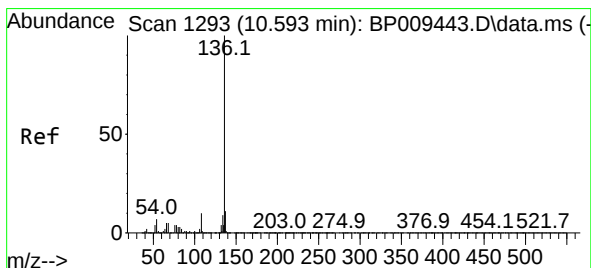
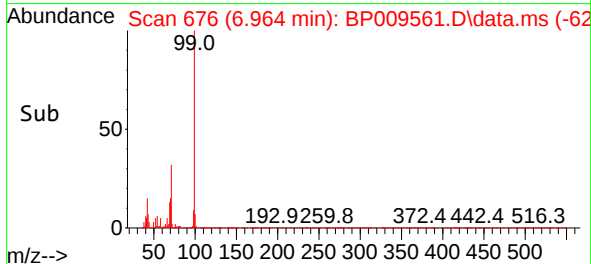
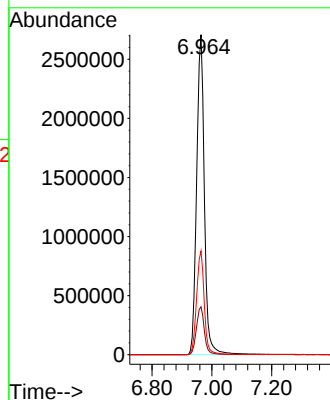
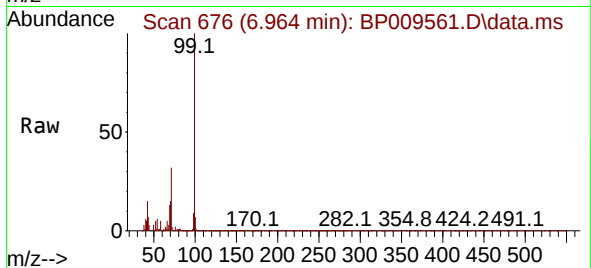




#7
Phenol-d6
Concen: 138.277 ng
RT: 6.964 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009561.D
Acq: 28 Mar 2022 10:53

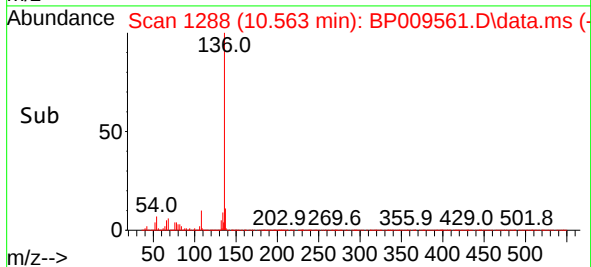
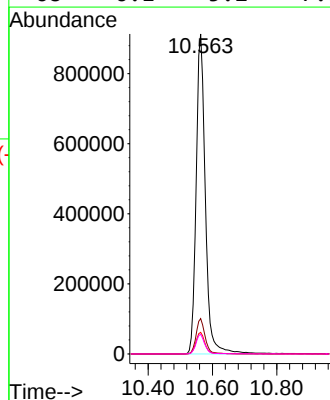
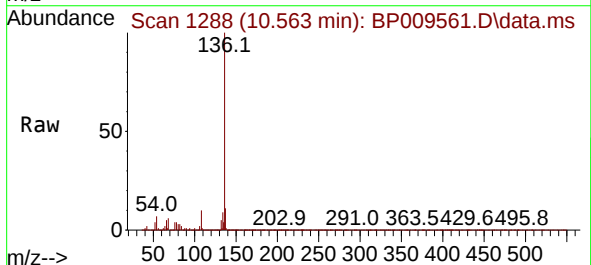
Instrument :
BNA_P
ClientSampleId :
PB143654BL

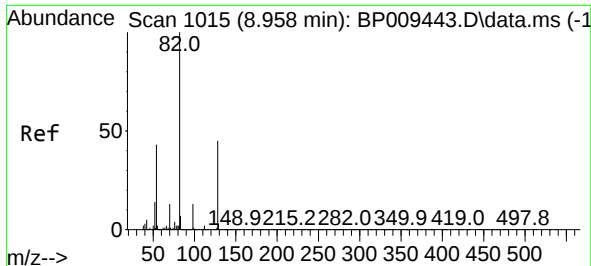
Tgt Ion: 99 Resp: 4886852
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 32.4 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP009561.D
Acq: 28 Mar 2022 10:53

Tgt Ion: 136 Resp: 1814885
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.7 5.8 8.8
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 91.032 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BP009561.D

Acq: 28 Mar 2022 10:53

Instrument :

BNA_P

ClientSampleId :

PB143654BL

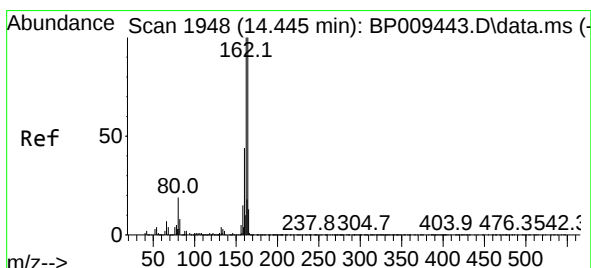
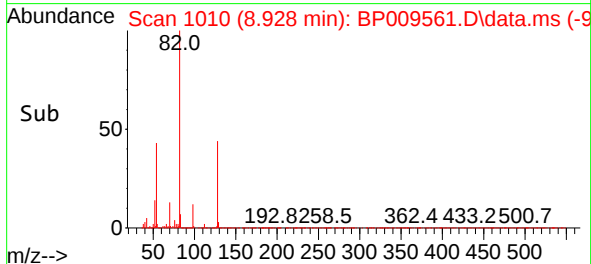
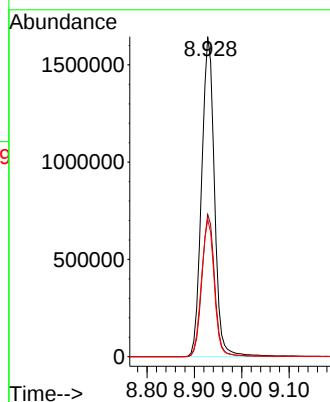
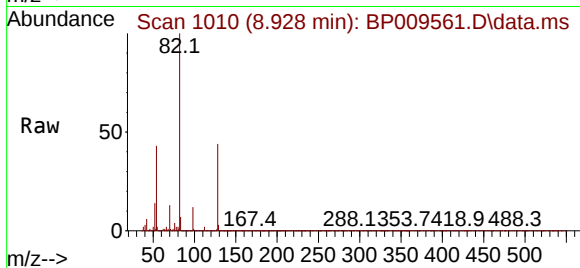
Tgt Ion: 82 Resp: 3108985

Ion Ratio Lower Upper

82 100

128 44.4 34.2 51.4

54 42.8 34.7 52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BP009561.D

Acq: 28 Mar 2022 10:53

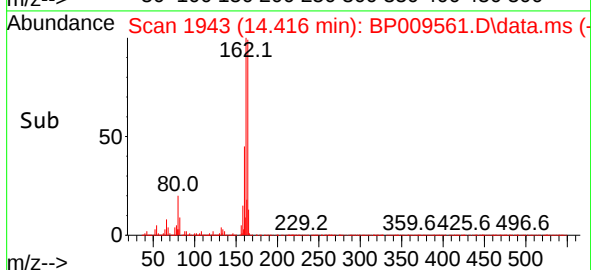
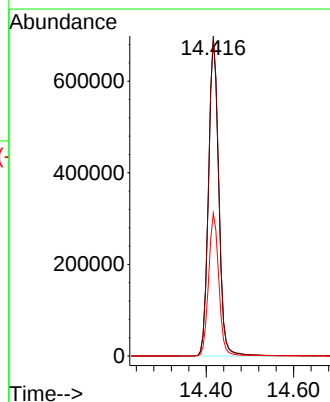
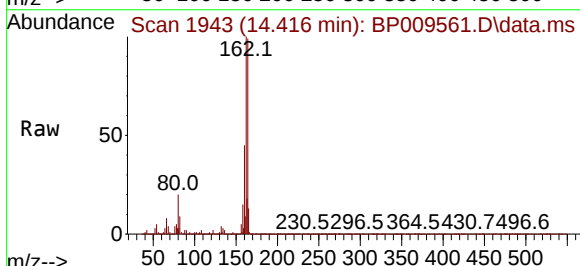
Tgt Ion: 164 Resp: 1125579

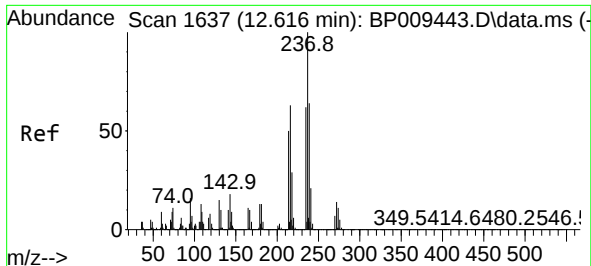
Ion Ratio Lower Upper

164 100

162 100.9 79.1 118.7

160 45.0 34.9 52.3

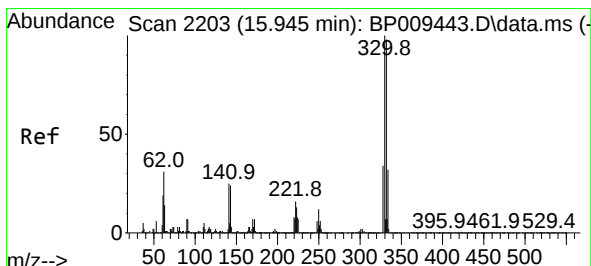
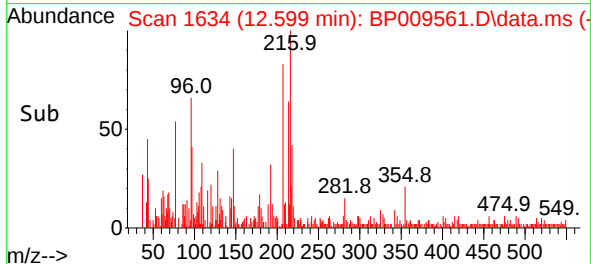
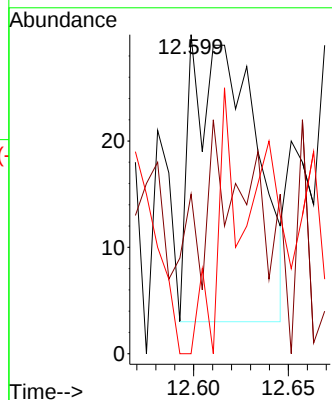
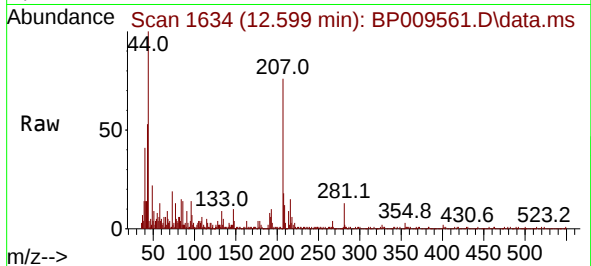




#41
Hexachlorocyclopentadiene
Concen: 7.292 ng
RT: 12.599 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP009561.D
Acq: 28 Mar 2022 10:53

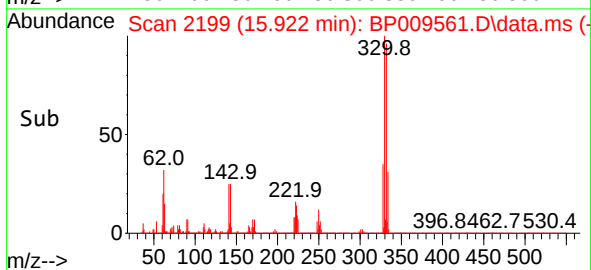
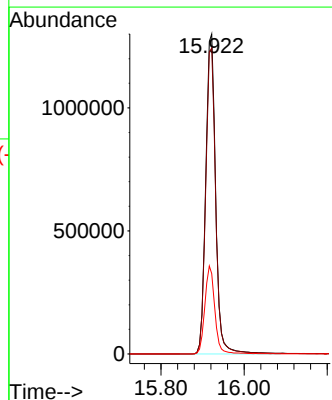
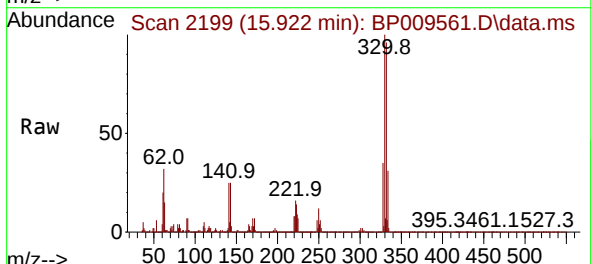
Instrument :
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PB143654BL

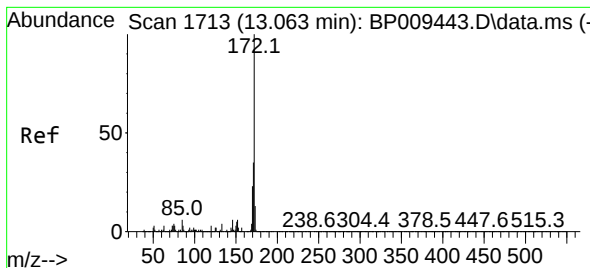
Tgt Ion:	237	Resp:	62
Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 116.121 ng
RT: 15.922 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BP009561.D
Acq: 28 Mar 2022 10:53

Tgt Ion:	330	Resp:	2156839
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	27.9	27.6	41.4

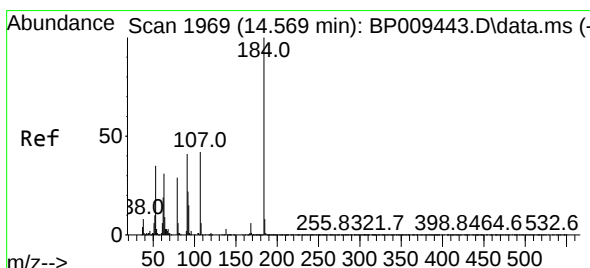
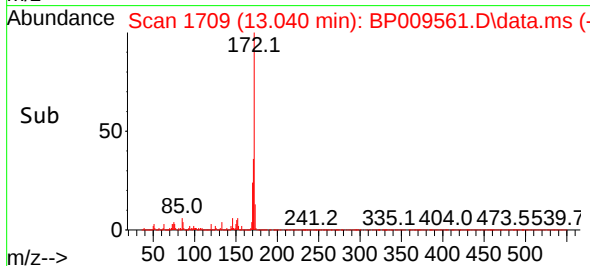
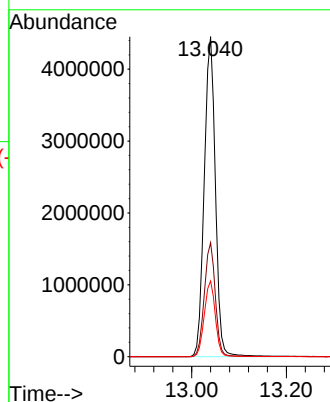
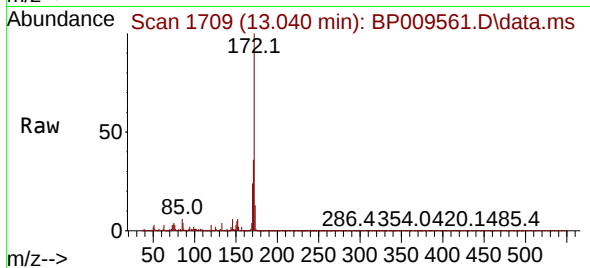




#45
2-Fluorobiphenyl
Concen: 89.286 ng
RT: 13.040 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP009561.D
Acq: 28 Mar 2022 10:53

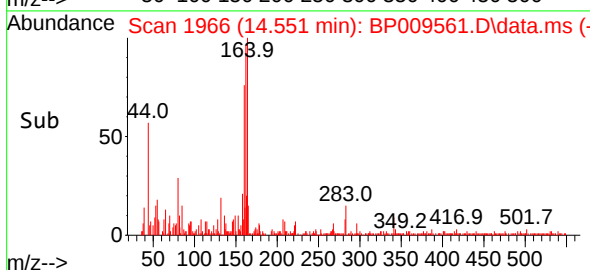
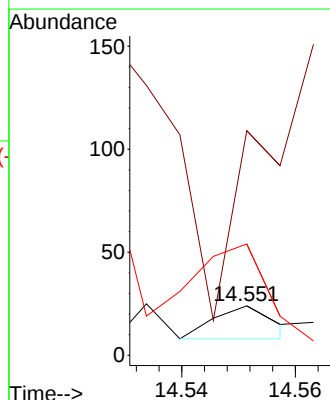
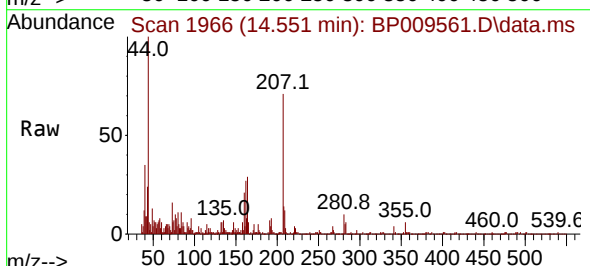
Instrument :
BNA_P
ClientSampleId :
PB143654BL

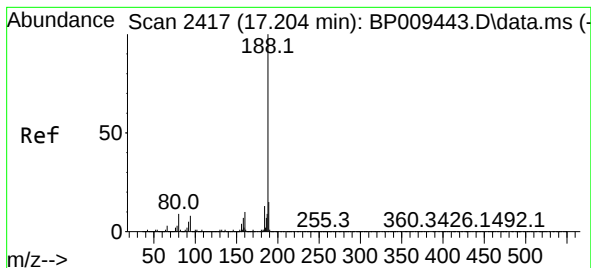
Tgt Ion:172 Resp: 7249485
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.7 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.534 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP009561.D
Acq: 28 Mar 2022 10:53

Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 454.2 46.3 69.5#
154 225.0 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BP009561.D

Acq: 28 Mar 2022 10:53

Instrument :

BNA_P

ClientSampleId :

PB143654BL

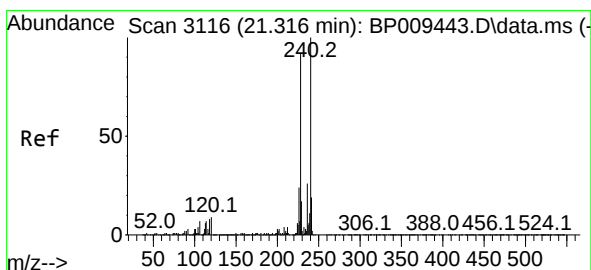
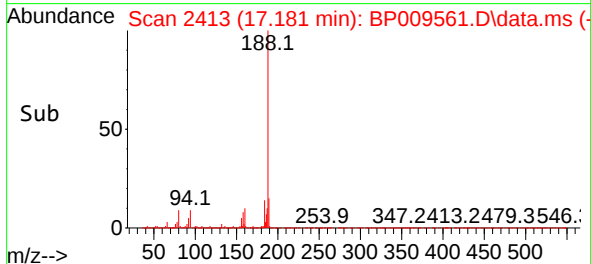
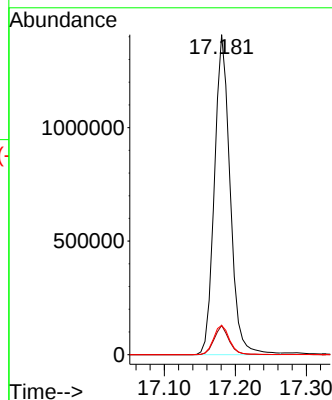
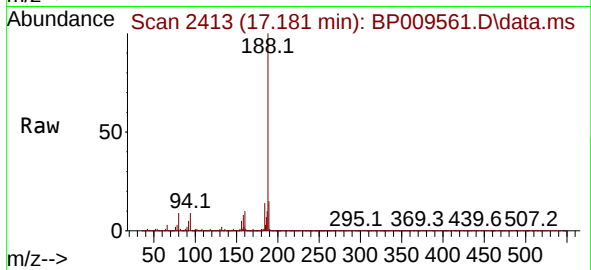
Tgt Ion:188 Resp: 2164973

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 9.2 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP009561.D

Acq: 28 Mar 2022 10:53

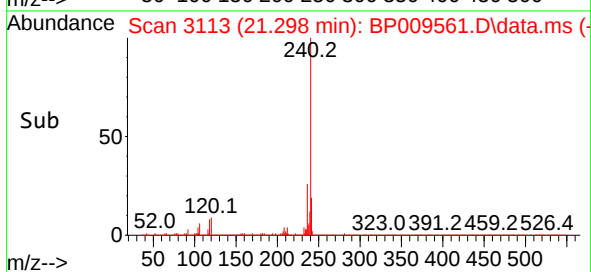
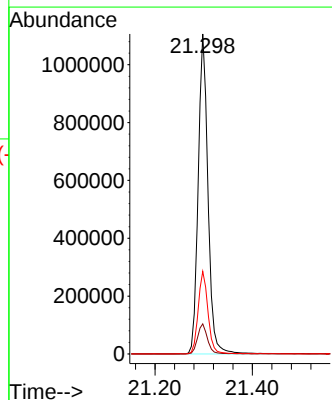
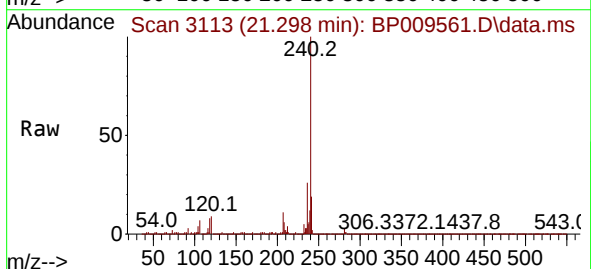
Tgt Ion:240 Resp: 1552045

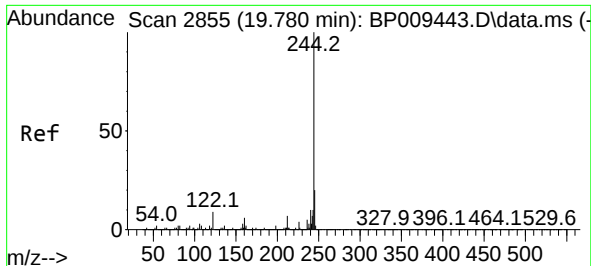
Ion Ratio Lower Upper

240 100

120 9.4 9.0 13.4

236 25.8 20.6 30.8

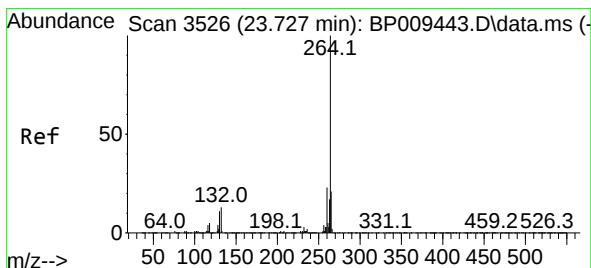
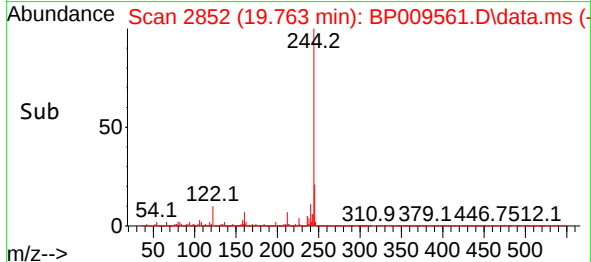
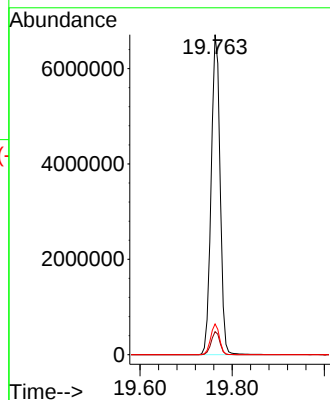
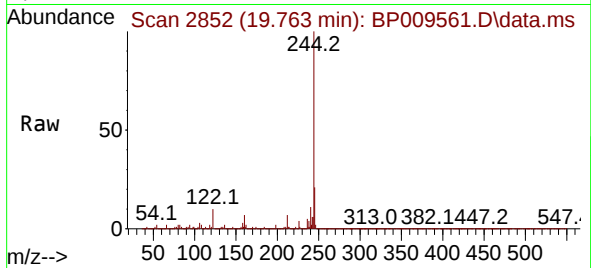




#79
 Terphenyl-d14
 Concen: 104.875 ng
 RT: 19.763 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP009561.D
 Acq: 28 Mar 2022 10:53

Instrument :
 BNA_P
 ClientSampleId :
 PB143654BL

Tgt Ion:244 Resp: 9068567
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.692 min Scan# 3520
 Delta R.T. 0.000 min
 Lab File: BP009561.D
 Acq: 28 Mar 2022 10:53

Tgt Ion:264 Resp: 1348910
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 22.0 17.2 25.8

