

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
 Data File : BP009590.D
 Acq On : 29 Mar 2022 12:00
 Operator : CG/JU
 Sample : PB143645BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143645BL

Quant Time: Mar 30 04:07:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 04:00:13 2022
 Response via : Initial Calibration

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

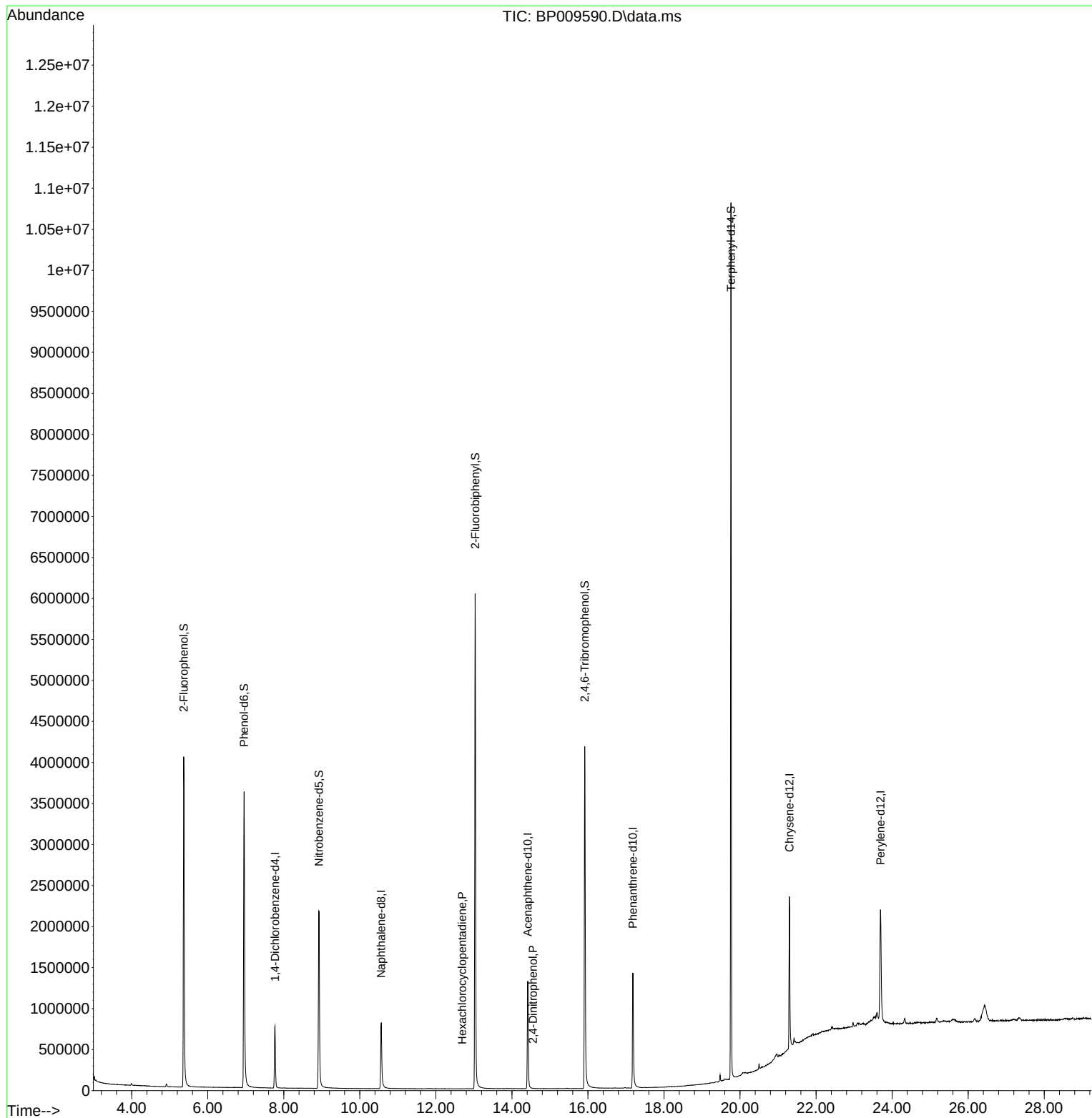
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	244025	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	925264	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	554292	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1132866	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1106393	20.000	ng	0.00
86) Perylene-d12	23.692	264	1237602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2122621	151.868	ng	0.00
7) Phenol-d6	6.957	99	2580847	136.541	ng	0.00
23) Nitrobenzene-d5	8.922	82	1610983	92.523	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1035821	113.244	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	3661527	91.575	ng	0.00
79) Terphenyl-d14	19.763	244	5484917	88.981	ng	0.00
Target Compounds						
9) Benzaldehyde	6.905	77	247	Below Cal	#	48
41) Hexachlorocyclopentadiene	12.692	237	35	7.292	ng	91
54) 2,4-Dinitrophenol	14.557	184	27	4.537	ng	# 2

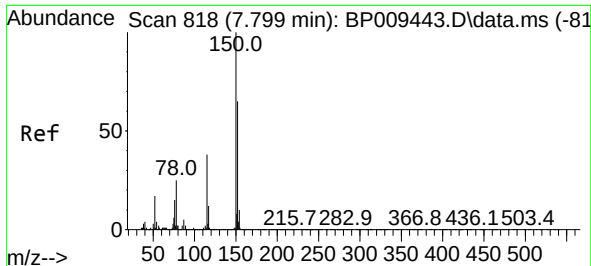
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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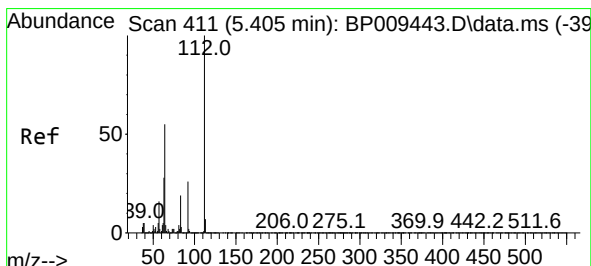
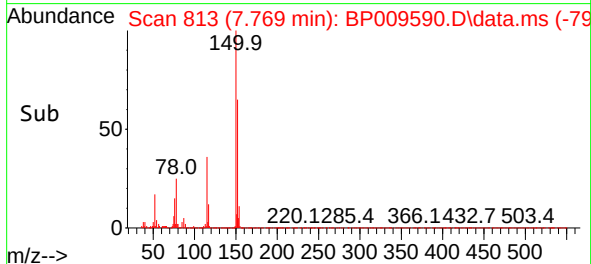
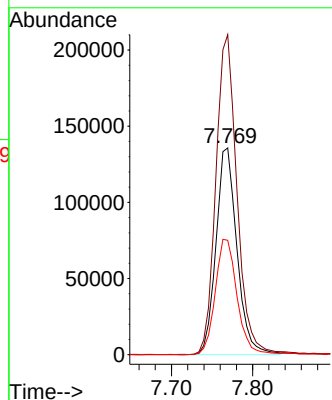
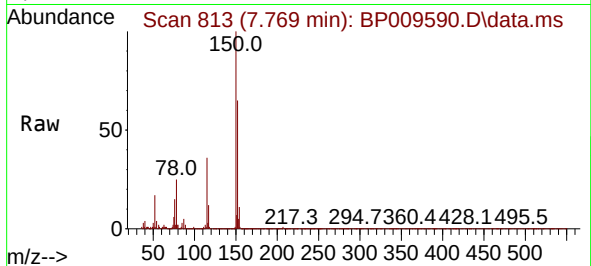




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009590.D
Acq: 29 Mar 2022 12:00

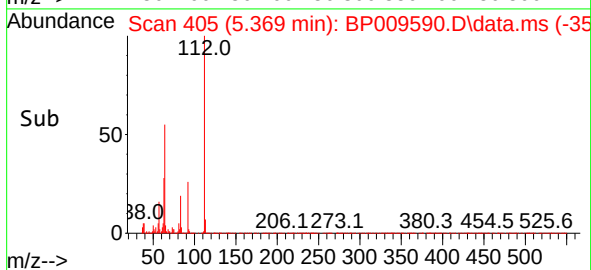
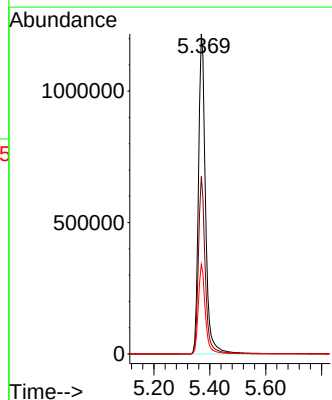
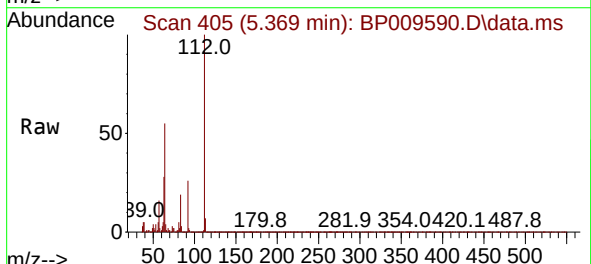
Instrument :
BNA_P
ClientSampleId :
PB143645BL

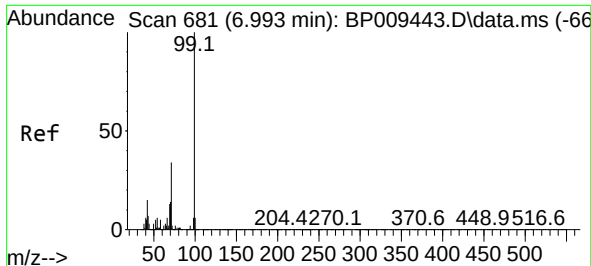
Tgt Ion:152 Resp: 244025
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 55.3 48.2 72.4



#5
2-Fluorophenol
Concen: 151.868 ng
RT: 5.369 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP009590.D
Acq: 29 Mar 2022 12:00

Tgt Ion:112 Resp: 2122621
Ion Ratio Lower Upper
112 100
64 55.5 45.0 67.4
63 28.0 23.0 34.6

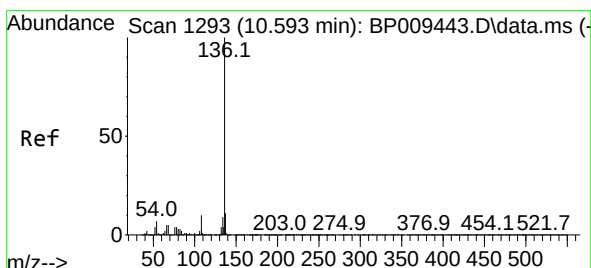
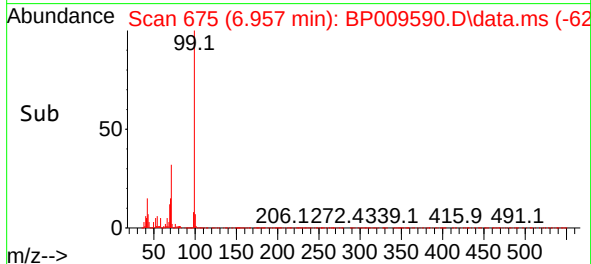
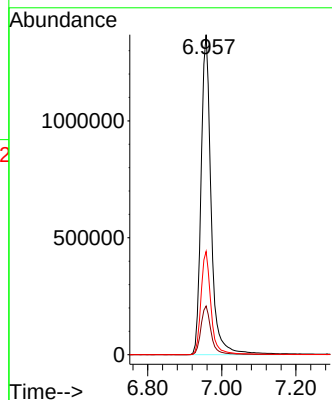
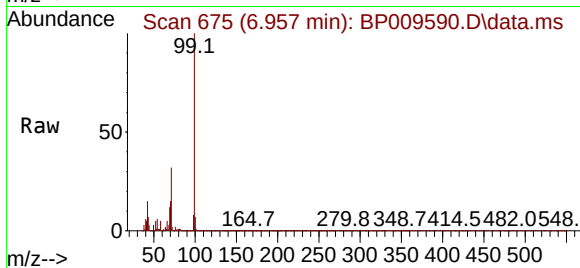




#7
Phenol-d6
Concen: 136.541 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009590.D
Acq: 29 Mar 2022 12:00

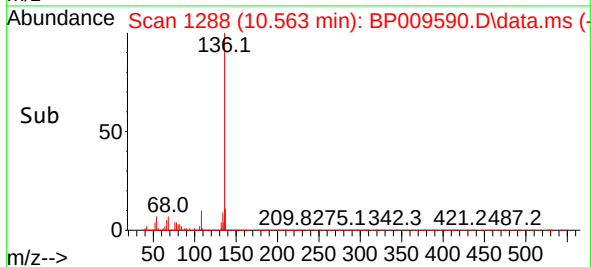
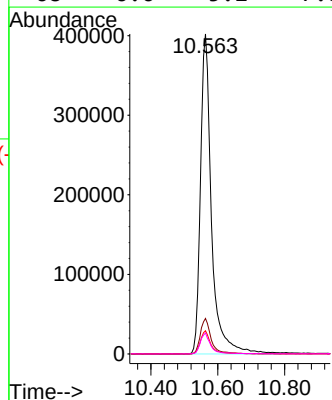
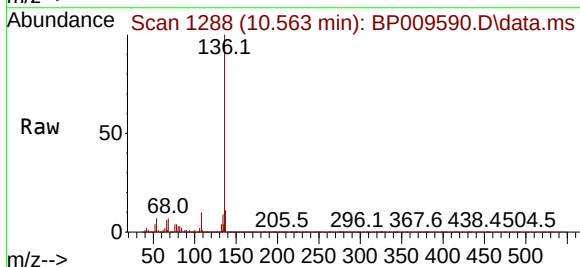
Instrument :
BNA_P
ClientSampleId :
PB143645BL

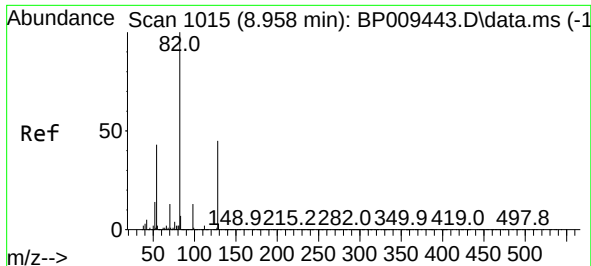
Tgt Ion: 99 Resp: 2580847
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 32.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BP009590.D
Acq: 29 Mar 2022 12:00

Tgt Ion: 136 Resp: 925264
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.3 5.8 8.8
68 6.6 5.2 7.8

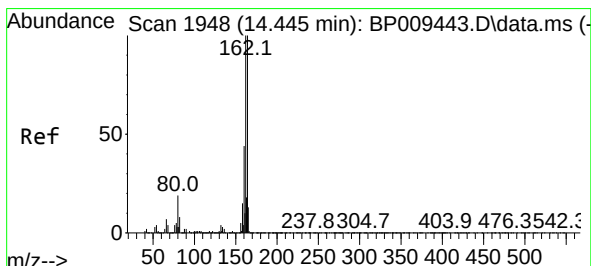
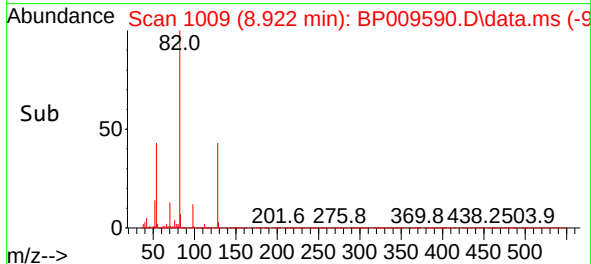
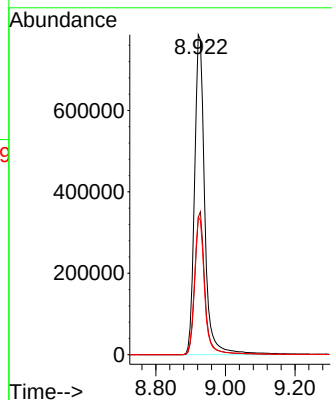
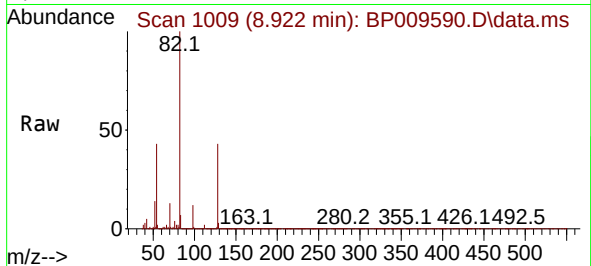




#23
Nitrobenzene-d5
Concen: 92.523 ng
RT: 8.922 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP009590.D
Acq: 29 Mar 2022 12:00

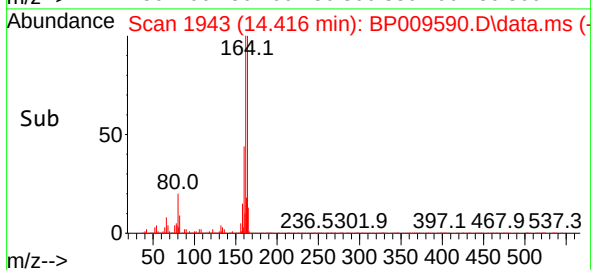
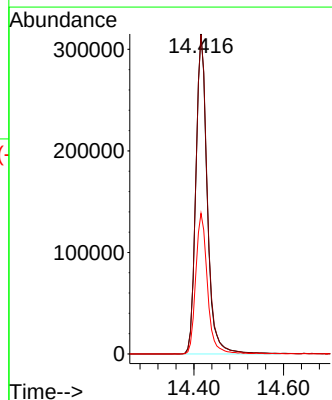
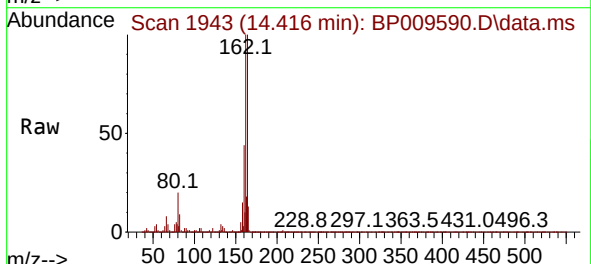
Instrument :
BNA_P
ClientSampleId :
PB143645BL

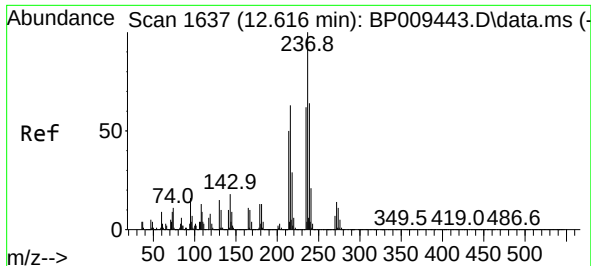
Tgt Ion: 82 Resp: 1610983
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 43.0 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BP009590.D
Acq: 29 Mar 2022 12:00

Tgt Ion:164 Resp: 554292
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 43.9 34.9 52.3

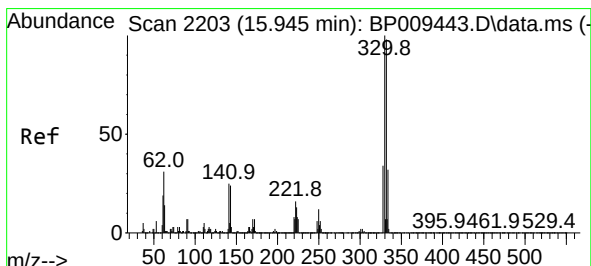
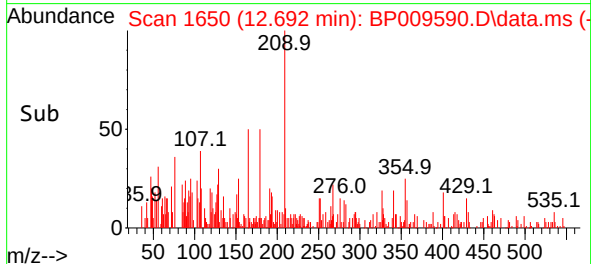
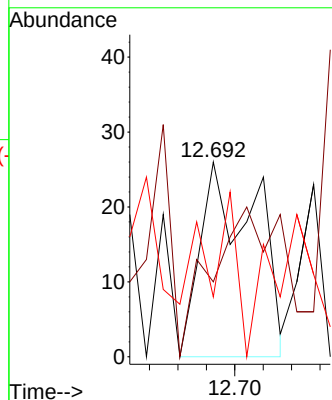
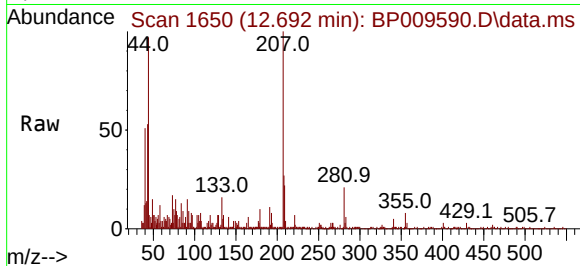




#41
Hexachlorocyclopentadiene
Concen: 7.292 ng
RT: 12.692 min Scan# 1
Delta R.T. 0.118 min
Lab File: BP009590.D
Acq: 29 Mar 2022 12:00

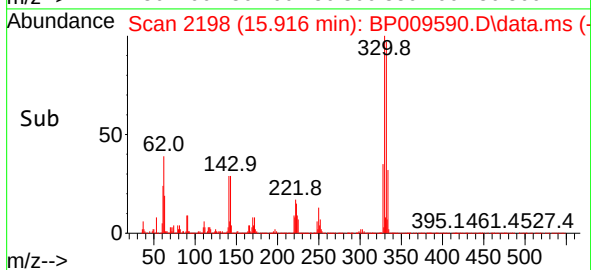
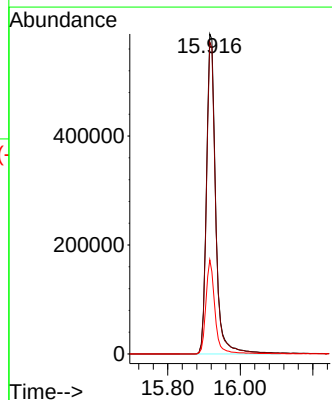
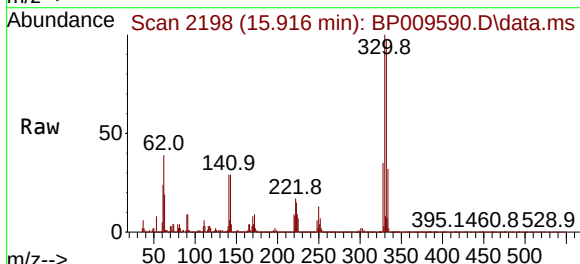
Instrument :
BNA_P
ClientSampleId :
PB143645BL

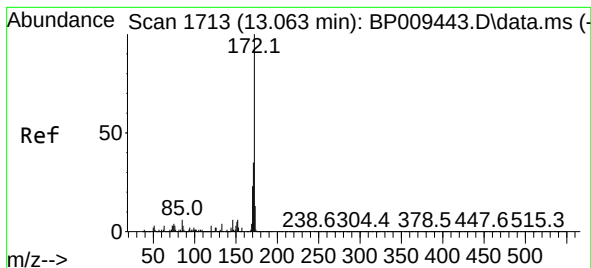
Tgt Ion:	237	Resp:	35
Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.6	82.6
272	30.8	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 113.244 ng
RT: 15.916 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BP009590.D
Acq: 29 Mar 2022 12:00

Tgt Ion:	330	Resp:	1035821
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	29.1	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 91.575 ng

RT: 13.034 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP009590.D

Acq: 29 Mar 2022 12:00

Instrument :

BNA_P

ClientSampleId :

PB143645BL

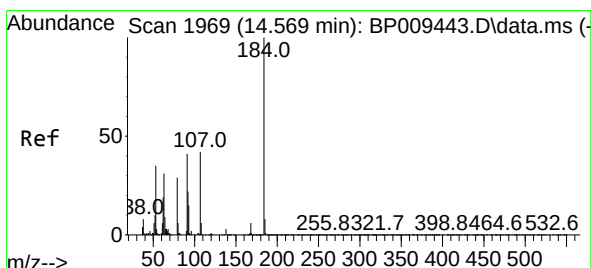
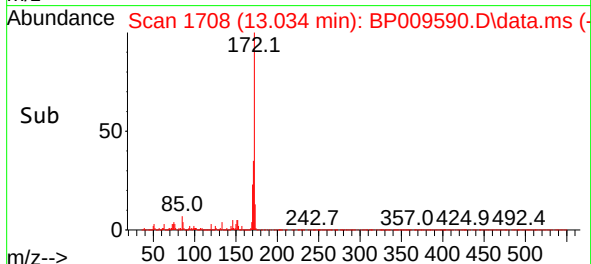
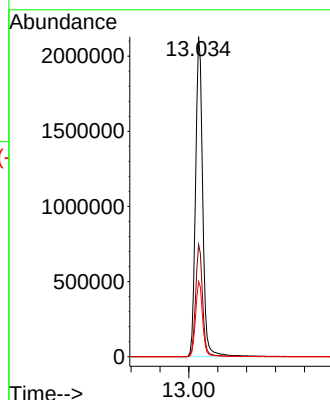
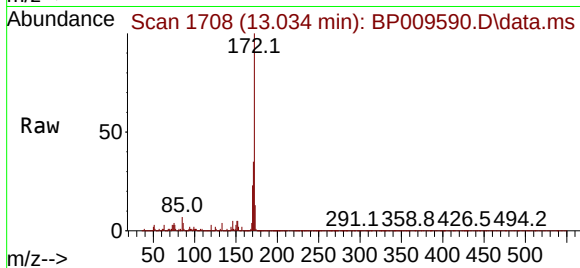
Tgt Ion:172 Resp: 3661527

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.5 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.537 ng

RT: 14.557 min Scan# 1967

Delta R.T. 0.006 min

Lab File: BP009590.D

Acq: 29 Mar 2022 12:00

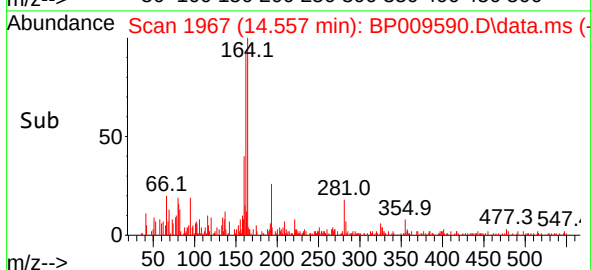
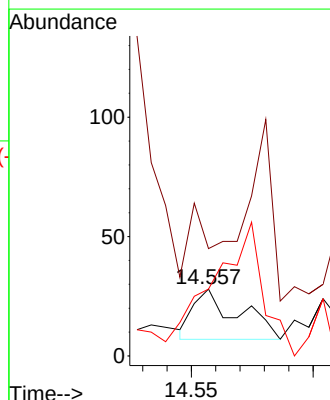
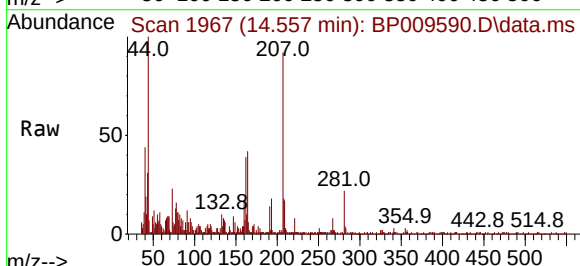
Tgt Ion:184 Resp: 27

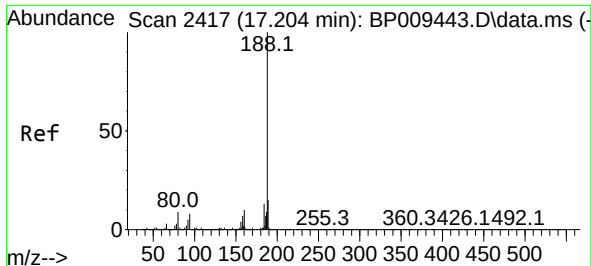
Ion Ratio Lower Upper

184 100

63 160.7 46.3 69.5#

154 100.0 45.8 68.6#

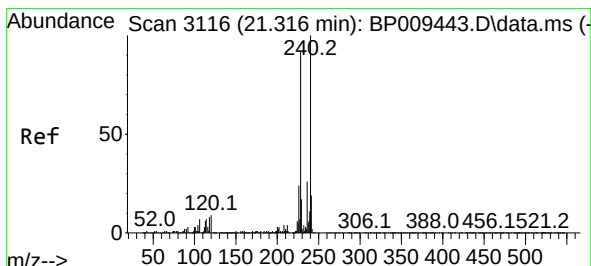
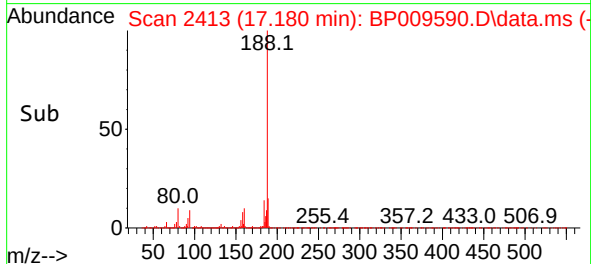
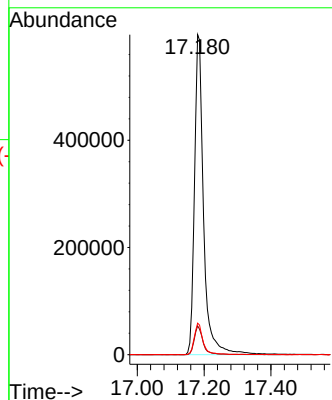
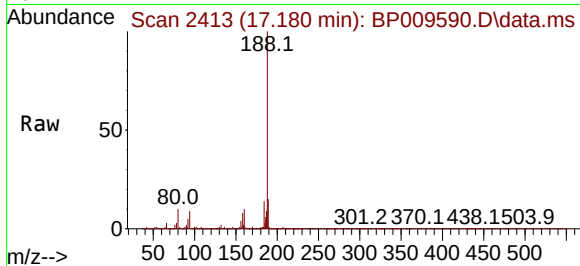




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP009590.D
Acq: 29 Mar 2022 12:00

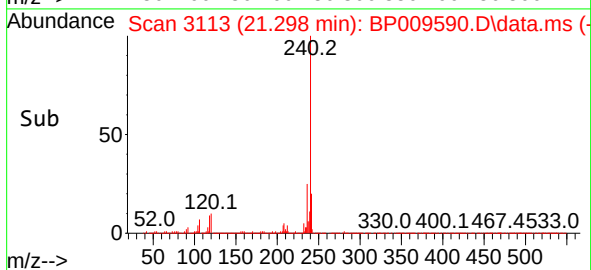
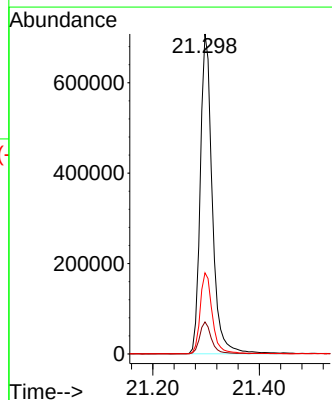
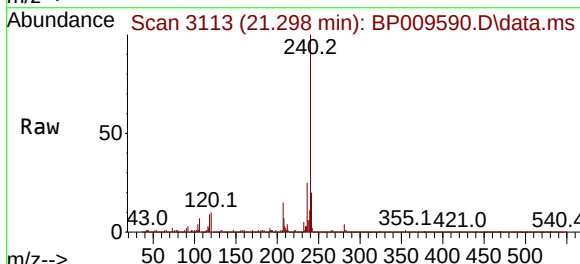
Instrument :
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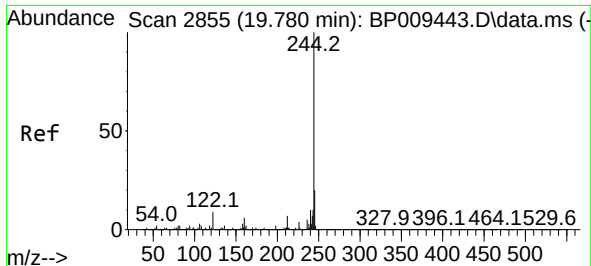
Tgt Ion:188 Resp: 1132866
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.8 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BP009590.D
Acq: 29 Mar 2022 12:00

Tgt Ion:240 Resp: 1106393
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 25.4 20.6 30.8

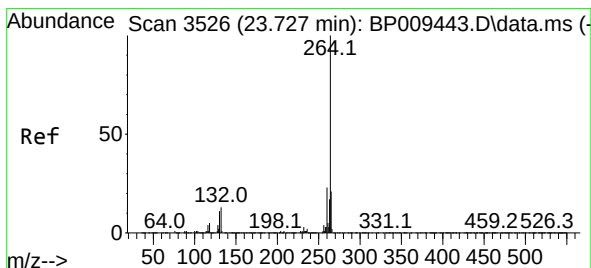
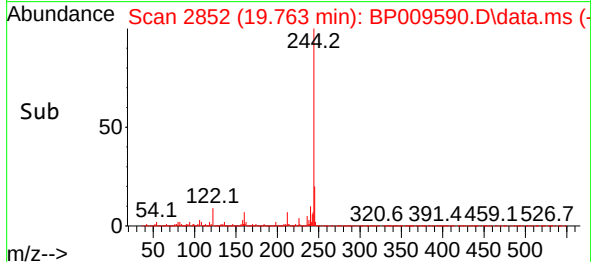
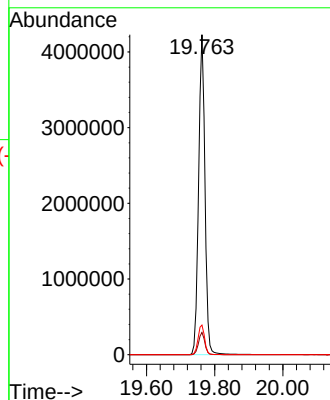
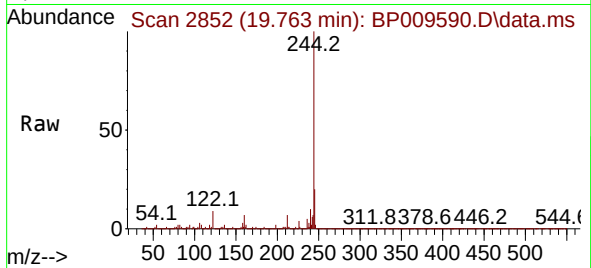




#79
 Terphenyl-d14
 Concen: 88.981 ng
 RT: 19.763 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP009590.D
 Acq: 29 Mar 2022 12:00

Instrument :
 BNA_P
 ClientSampleId :
 PB143645BL

Tgt Ion:244 Resp: 5484917
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.692 min Scan# 3520
 Delta R.T. 0.006 min
 Lab File: BP009590.D
 Acq: 29 Mar 2022 12:00

Tgt Ion:264 Resp: 1237602
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 22.7 17.2 25.8

