

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032522\
 Data File : BP009553.D
 Acq On : 25 Mar 2022 15:36
 Operator : CG/JU
 Sample : N2091-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MHB

Quant Time: Mar 26 03:00:24 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)

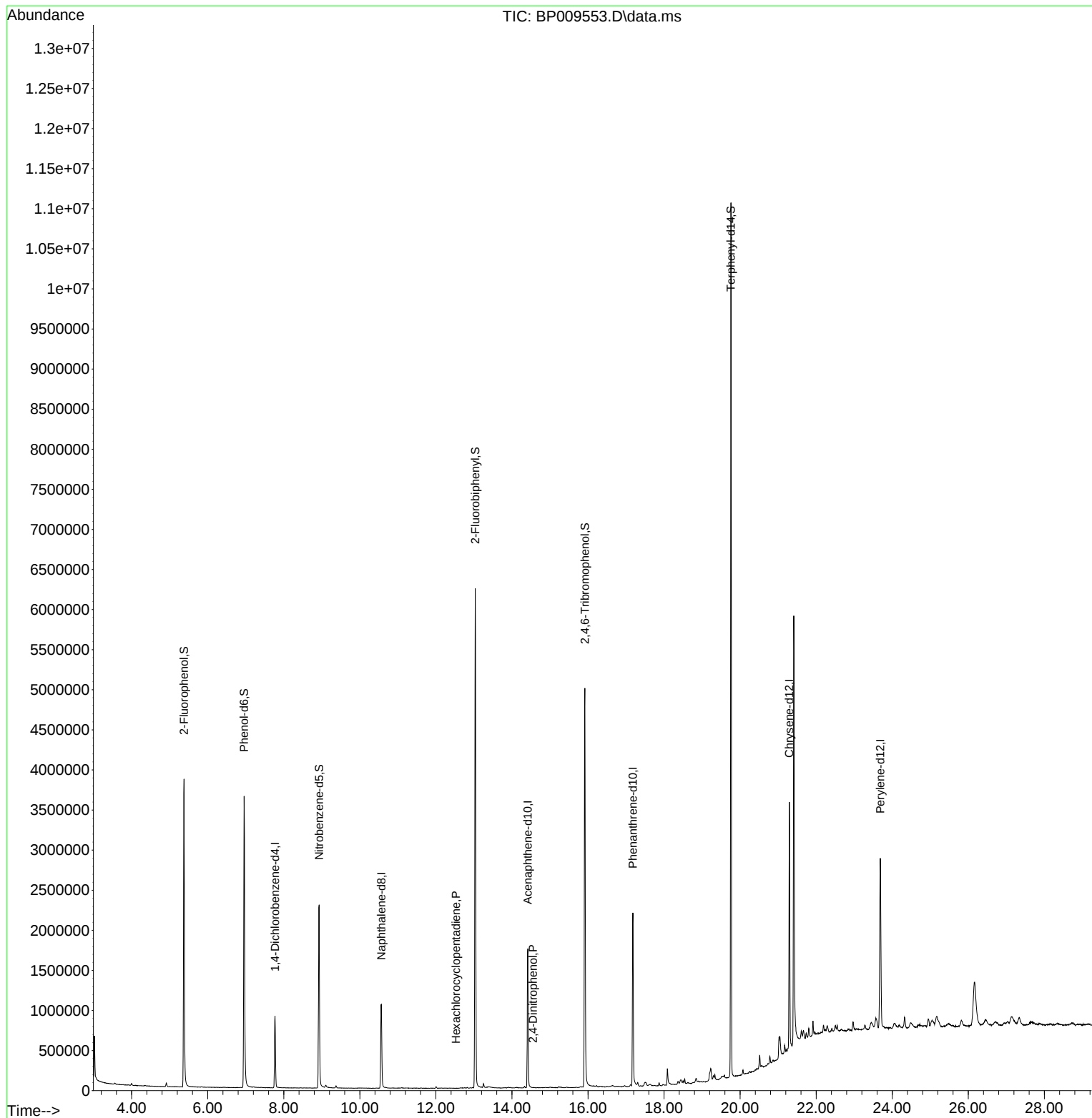
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	282128	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	1087029	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	688219	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1469085	20.000	ng	0.00
76) Chrysene-d12	21.292	240	1630019	20.000	ng	0.00
86) Perylene-d12	23.686	264	1786080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2031497	125.718	ng	0.00
7) Phenol-d6	6.958	99	2566120	117.427	ng	0.00
23) Nitrobenzene-d5	8.928	82	1589178	77.689	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1166940	102.753	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	3586772	72.249	ng	0.00
79) Terphenyl-d14	19.757	244	5700195	62.768	ng	0.00
Target Compounds						
9) Benzaldehyde	6.869	77	165	Below Cal	#	61
41) Hexachlorocyclopentadiene	12.528	237	7	7.289	ng	94
54) 2,4-Dinitrophenol	14.551	184	22	4.536	ng	# 1

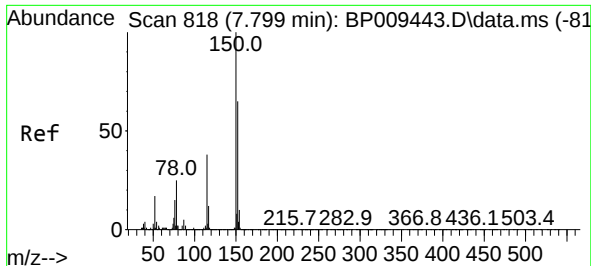
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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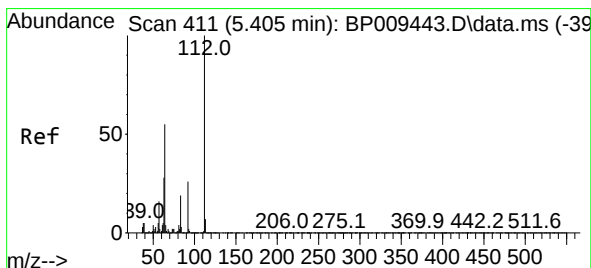
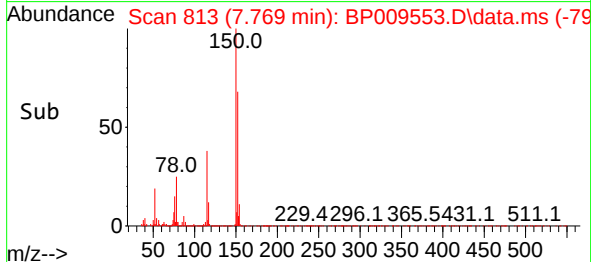
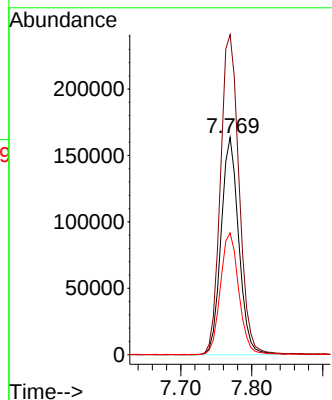
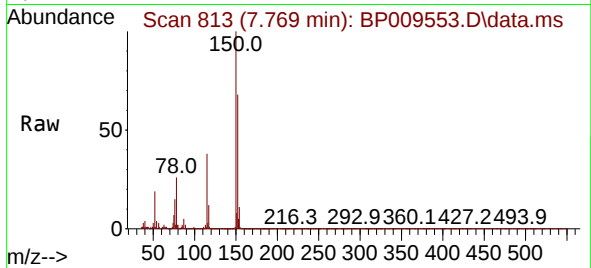




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP009553.D
 Acq: 25 Mar 2022 15:36

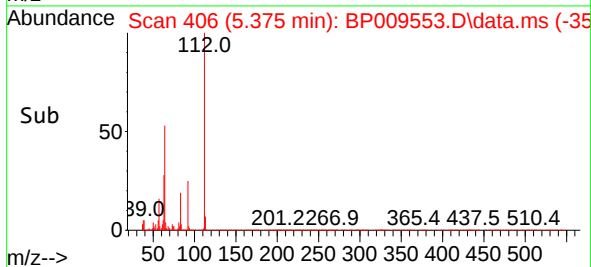
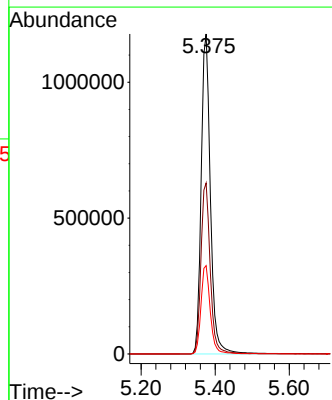
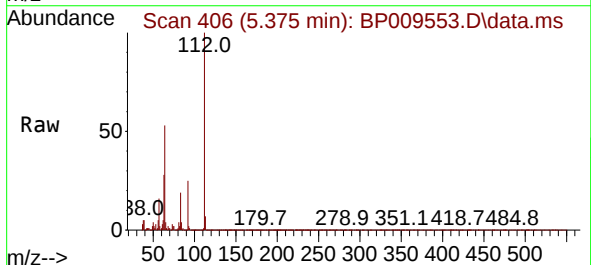
Instrument :
 BNA_P
 ClientSampleId :
 MHB

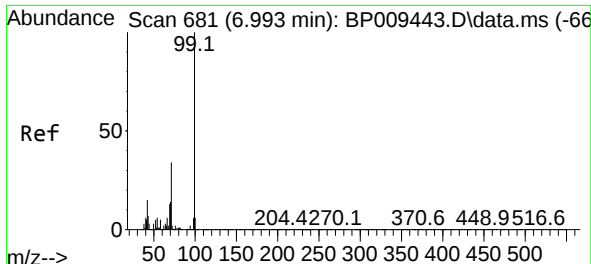
Tgt Ion:152 Resp: 282128
 Ion Ratio Lower Upper
 152 100
 150 147.3 124.5 186.7
 115 56.0 48.2 72.4



#5
 2-Fluorophenol
 Concen: 125.718 ng
 RT: 5.375 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: BP009553.D
 Acq: 25 Mar 2022 15:36

Tgt Ion:112 Resp: 2031497
 Ion Ratio Lower Upper
 112 100
 64 53.4 45.0 67.4
 63 27.6 23.0 34.6

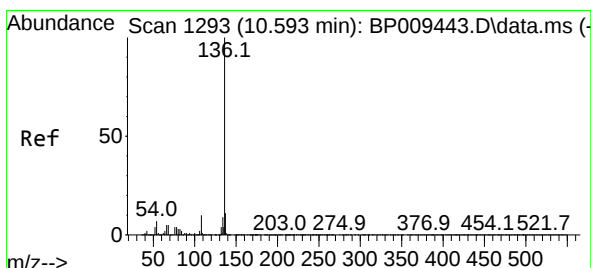
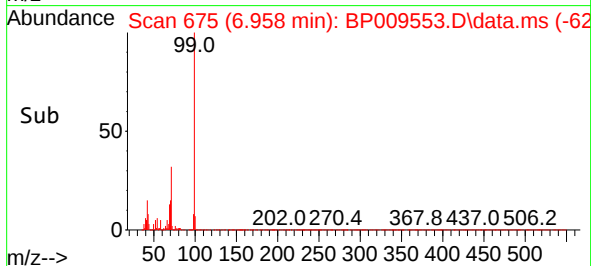
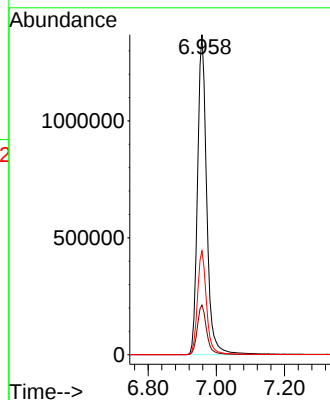
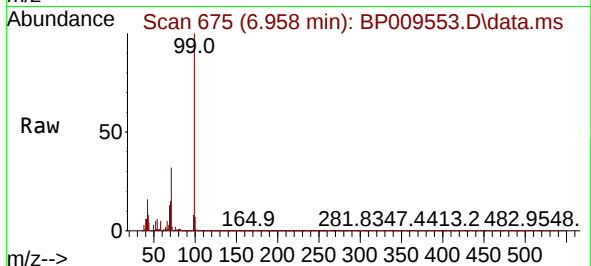




#7
Phenol-d6
Concen: 117.427 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009553.D
Acq: 25 Mar 2022 15:36

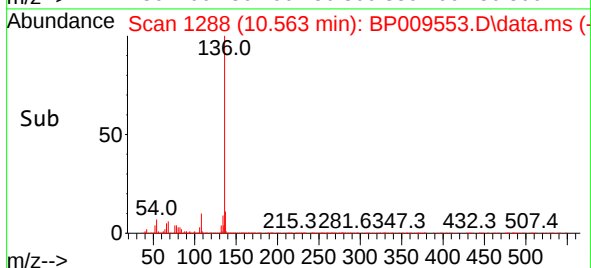
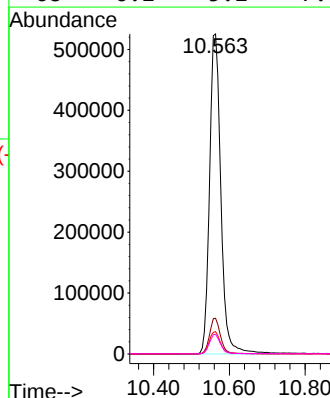
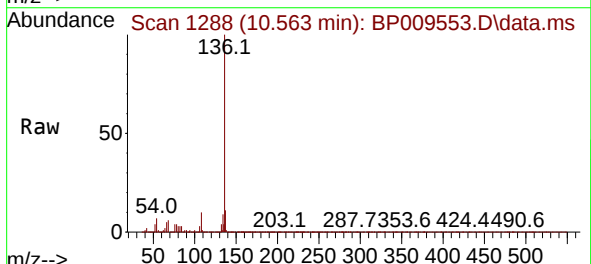
Instrument :
BNA_P
ClientSampleId :
MHB

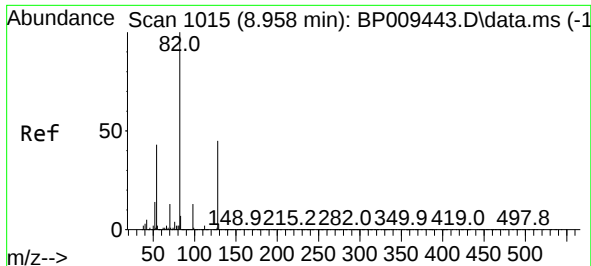
Tgt Ion: 99 Resp: 2566120
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 32.5 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP009553.D
Acq: 25 Mar 2022 15:36

Tgt Ion: 136 Resp: 1087029
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.0 5.8 8.8
68 6.2 5.2 7.8

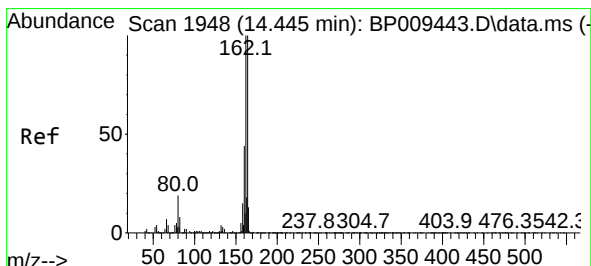
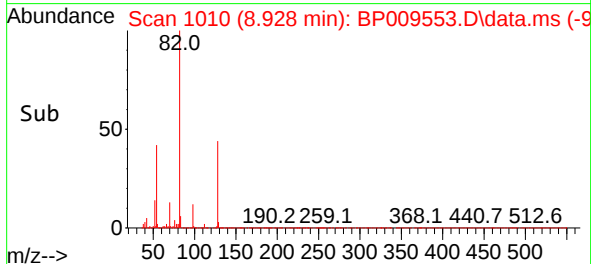
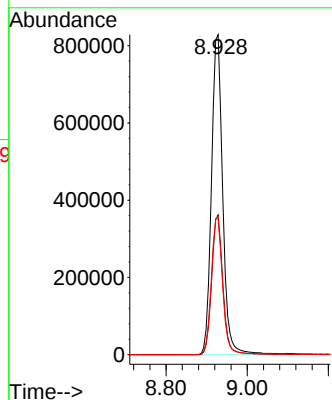
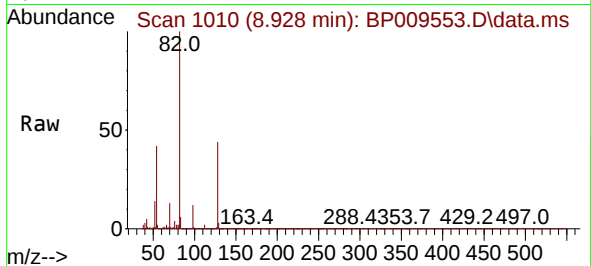




#23
Nitrobenzene-d5
Concen: 77.689 ng
RT: 8.928 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP009553.D
Acq: 25 Mar 2022 15:36

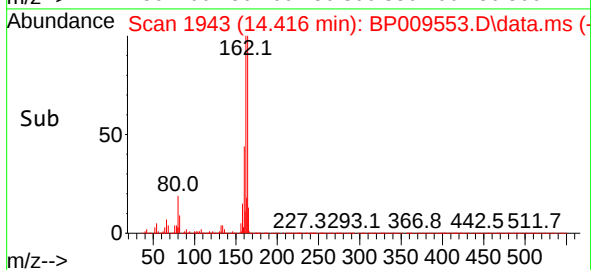
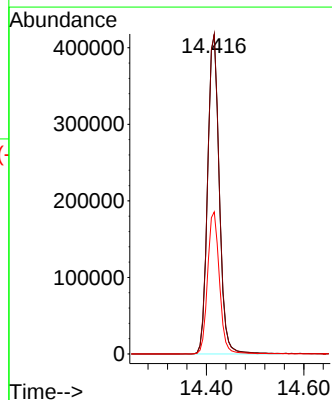
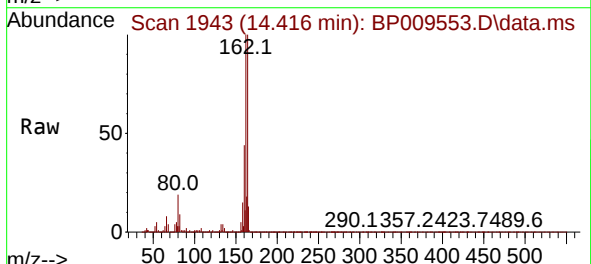
Instrument :
BNA_P
ClientSampleId :
MHB

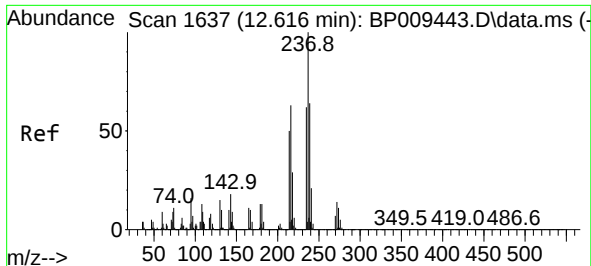
Tgt Ion: 82 Resp: 1589178
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 42.5 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP009553.D
Acq: 25 Mar 2022 15:36

Tgt Ion:164 Resp: 688219
Ion Ratio Lower Upper
164 100
162 100.3 79.1 118.7
160 44.5 34.9 52.3

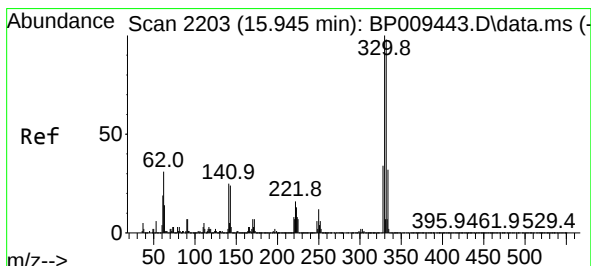
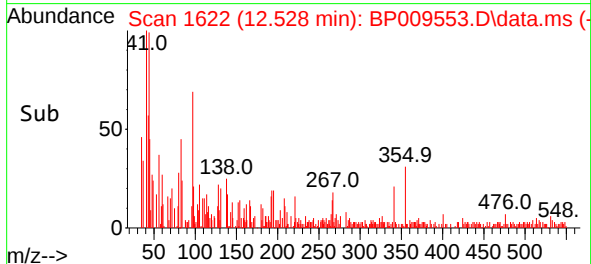
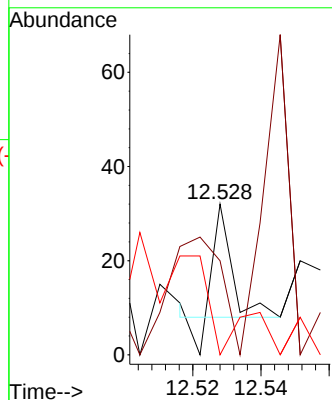
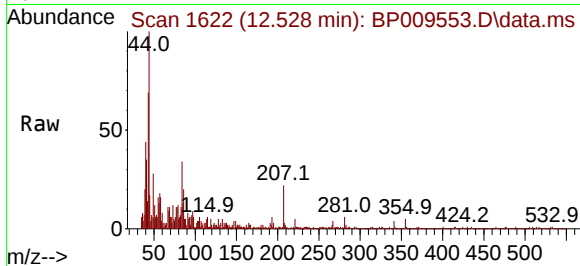




#41
Hexachlorocyclopentadiene
Concen: 7.289 ng
RT: 12.528 min Scan# 1
Delta R.T. -0.059 min
Lab File: BP009553.D
Acq: 25 Mar 2022 15:36

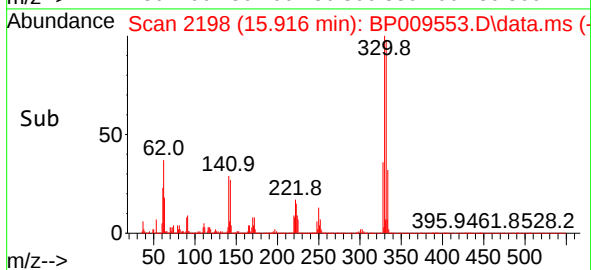
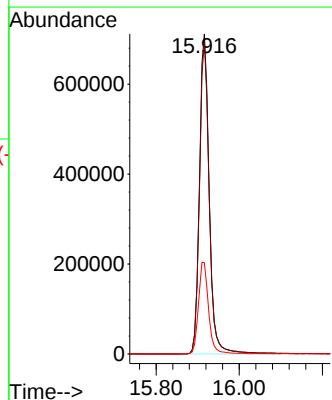
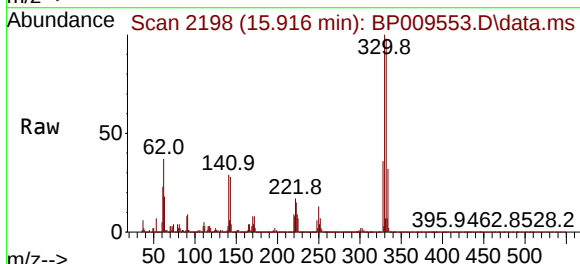
Instrument :
BNA_P
ClientSampleId :
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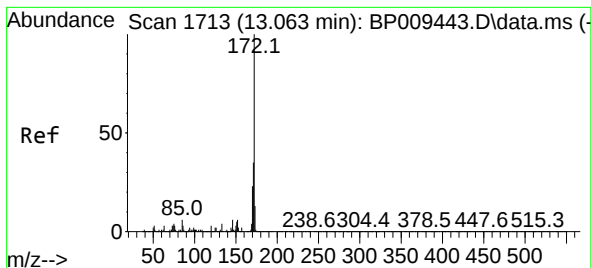
Tgt Ion:237	Resp:	7	
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 102.753 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009553.D
Acq: 25 Mar 2022 15:36

Tgt Ion:330	Resp:	1166940	
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	29.5	27.6	41.4

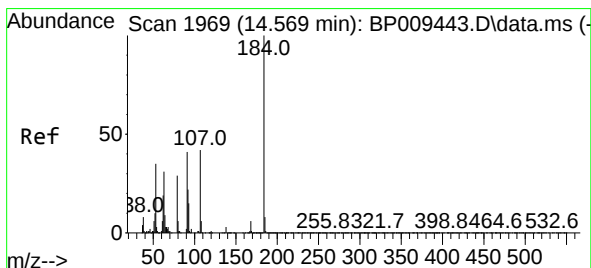
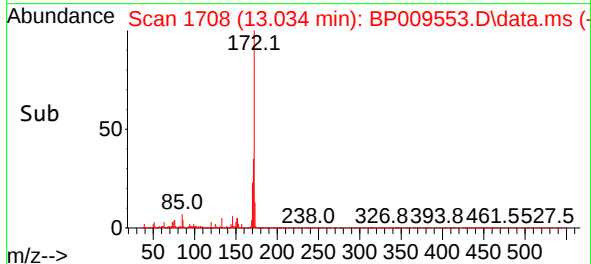
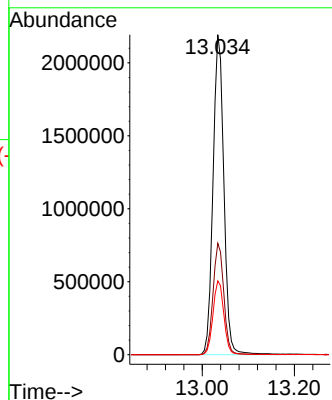
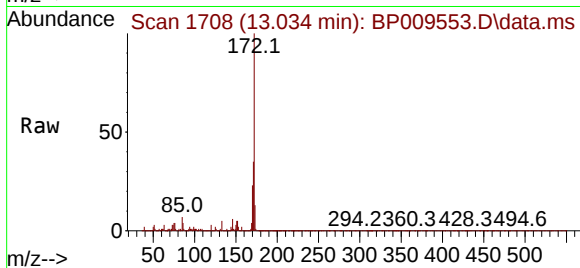




#45
2-Fluorobiphenyl
Concen: 72.249 ng
RT: 13.034 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP009553.D
Acq: 25 Mar 2022 15:36

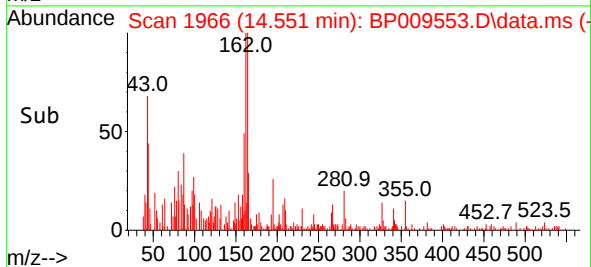
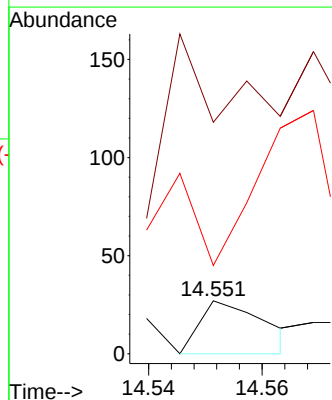
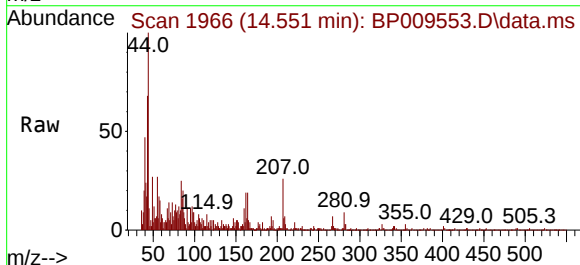
Instrument :
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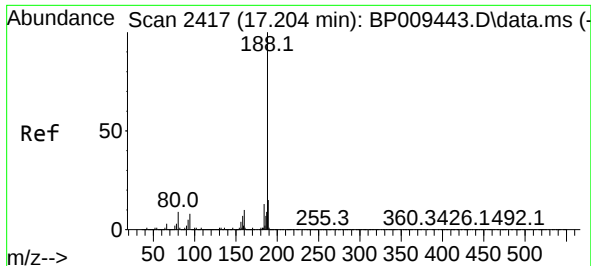
Tgt Ion:172 Resp: 3586772
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.1 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.536 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP009553.D
Acq: 25 Mar 2022 15:36

Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 437.0 46.3 69.5#
154 166.7 45.8 68.6#

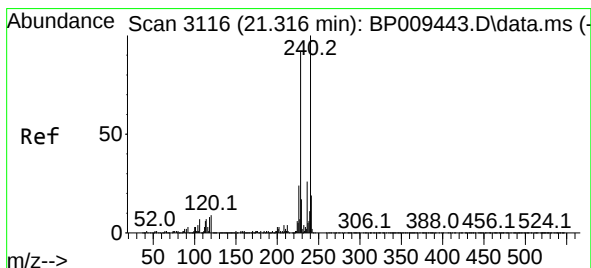
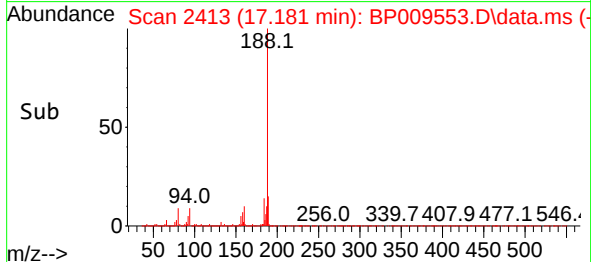
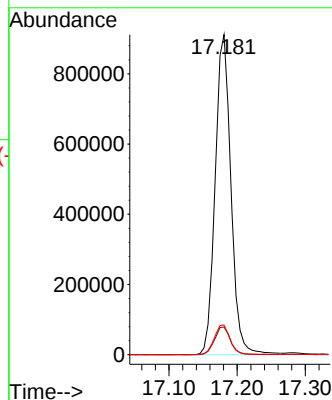
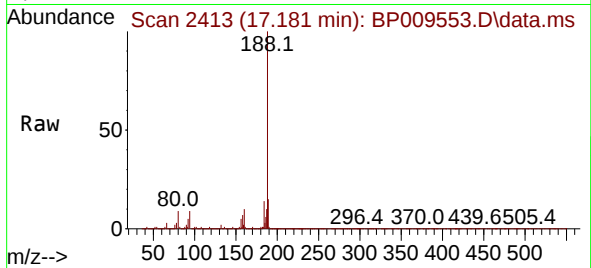




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP009553.D
Acq: 25 Mar 2022 15:36

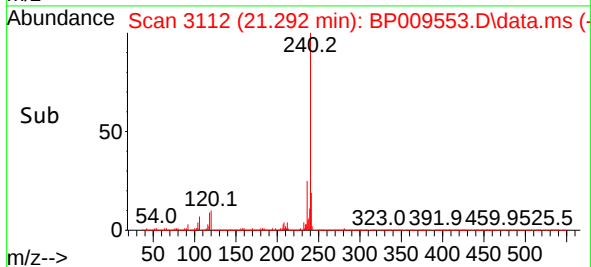
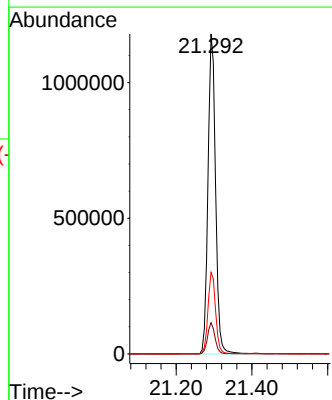
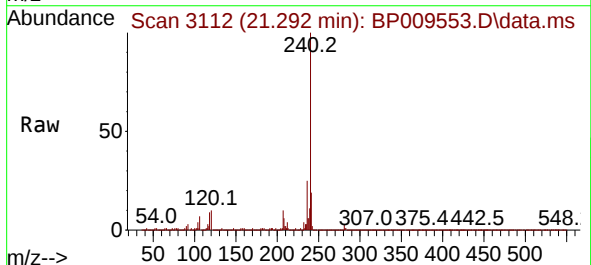
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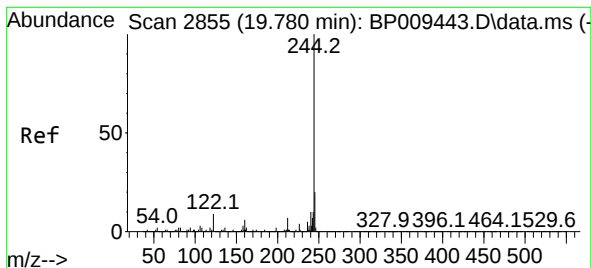
Tgt Ion:188 Resp: 1469085
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 9.3 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009553.D
Acq: 25 Mar 2022 15:36

Tgt Ion:240 Resp: 1630019
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 25.5 20.6 30.8





#79

Terphenyl-d14

Concen: 62.768 ng

RT: 19.757 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009553.D

Acq: 25 Mar 2022 15:36

Instrument :

BNA_P

ClientSampleId :

MHB

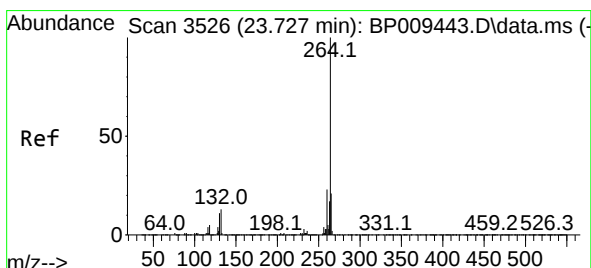
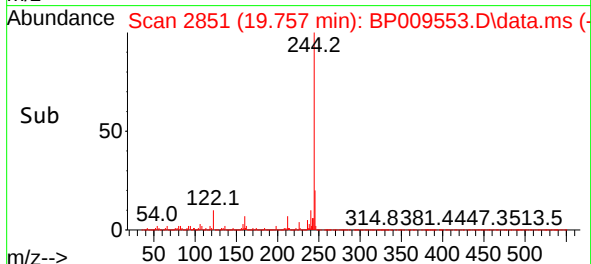
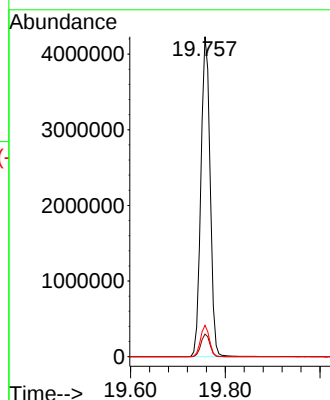
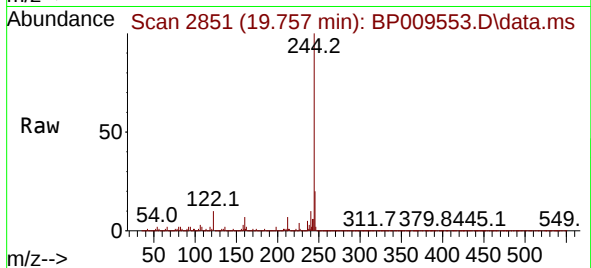
Tgt Ion:244 Resp: 5700195

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.8 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.686 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BP009553.D

Acq: 25 Mar 2022 15:36

Tgt Ion:264 Resp: 1786080

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.6 17.2 25.8

