

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
 Data File : BP009536.D
 Acq On : 24 Mar 2022 19:00
 Operator : CG/JU
 Sample : N2090-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-63

Quant Time: Mar 25 03:16:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 01:19:11 2022
 Response via : Initial Calibration

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

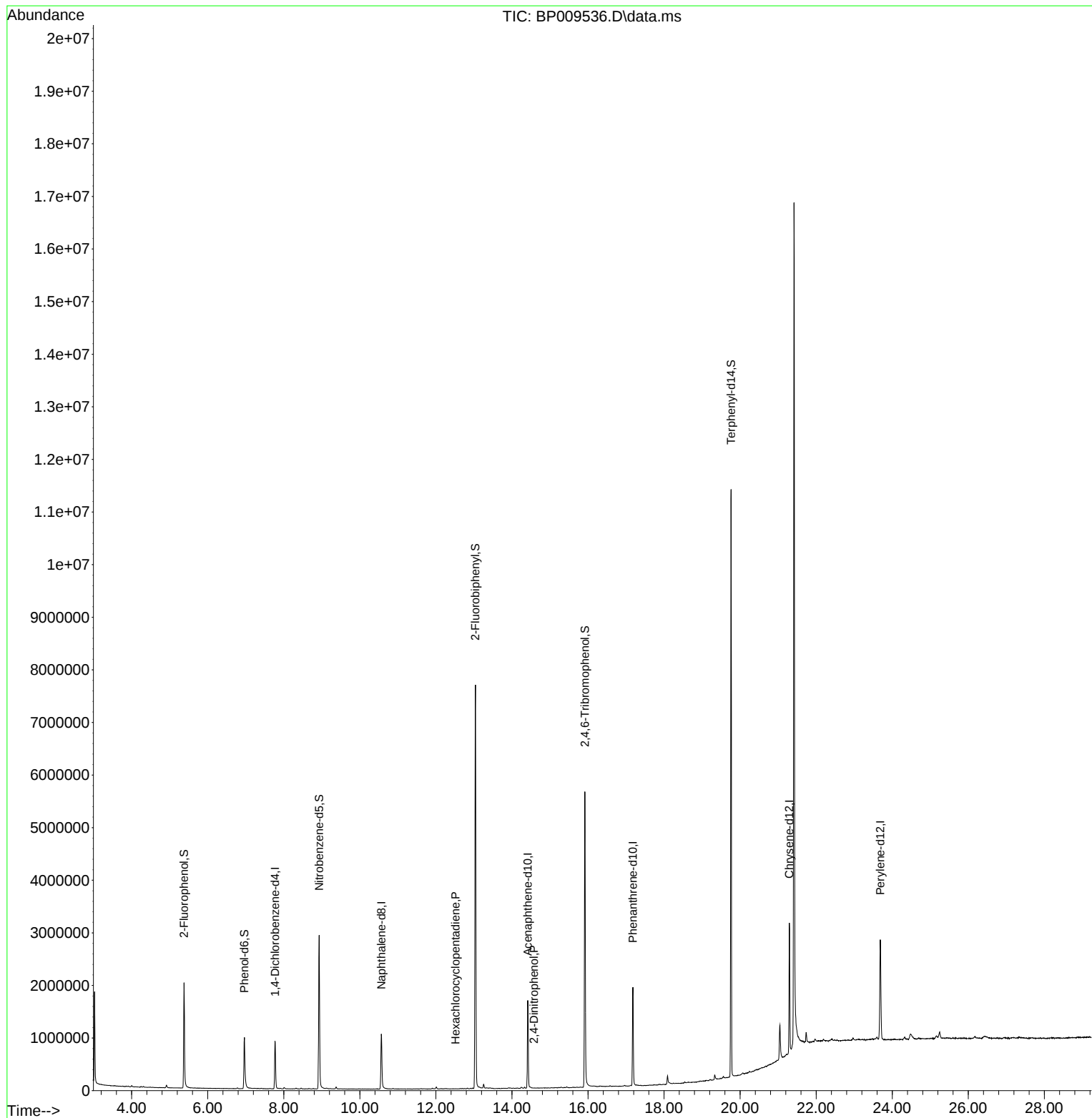
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	283466	20.000	ng	-0.02
21) Naphthalene-d8	10.563	136	1067489	20.000	ng	-0.02
39) Acenaphthene-d10	14.416	164	632903	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1259555	20.000	ng	-0.02
76) Chrysene-d12	21.292	240	1307619	20.000	ng	-0.02
86) Perylene-d12	23.686	264	1498350	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1077581	66.371	ng	-0.02
7) Phenol-d6	6.963	99	786733	35.831	ng	-0.02
23) Nitrobenzene-d5	8.928	82	1961893	97.665	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	1286390	123.170	ng	-0.02
45) 2-Fluorobiphenyl	13.040	172	4498916	98.543	ng	-0.02
79) Terphenyl-d14	19.763	244	5961134	81.825	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.928	77	442	Below Cal	#	75
41) Hexachlorocyclopentadiene	12.516	237	23	7.291	ng	85
54) 2,4-Dinitrophenol	14.575	184	130	4.552	ng	# 5

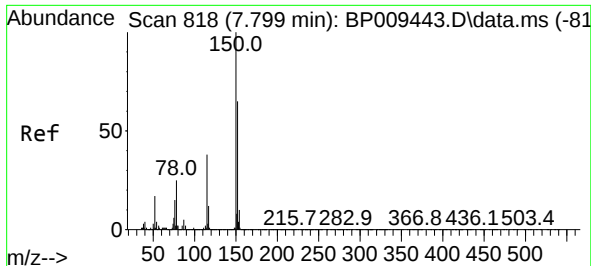
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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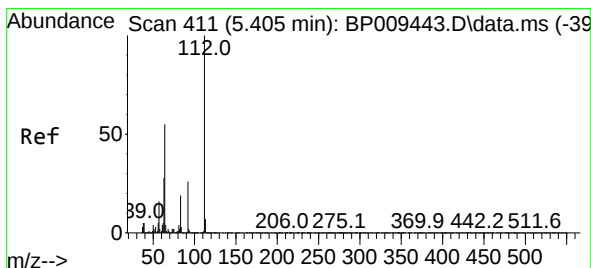
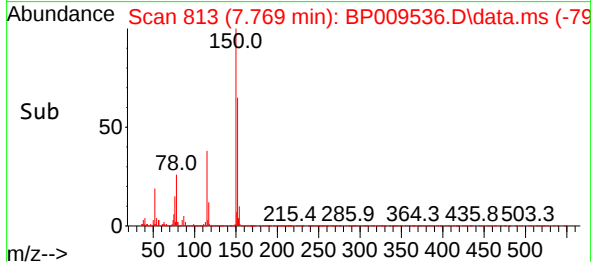
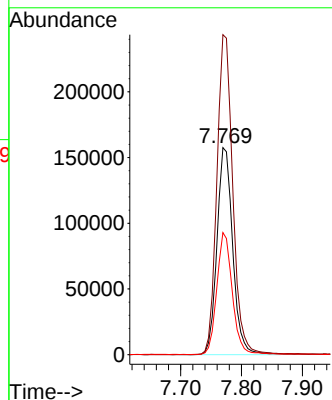
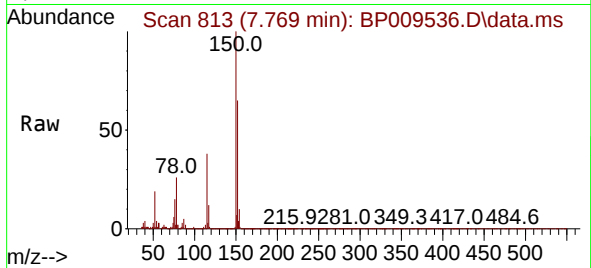




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP009536.D
Acq: 24 Mar 2022 19:00

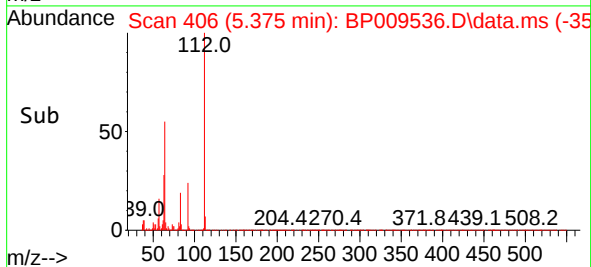
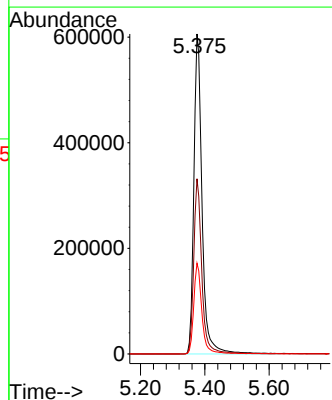
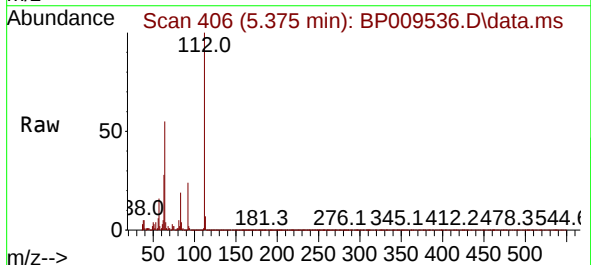
Instrument :
BNA_P
ClientSampleId :
MW-63

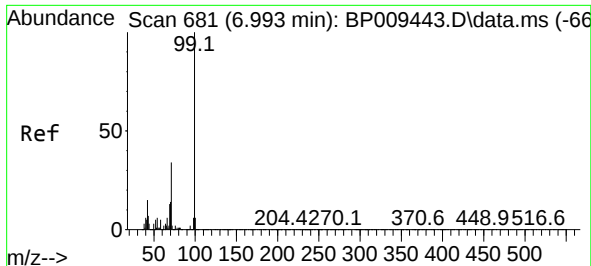
Tgt Ion:152 Resp: 283466
Ion Ratio Lower Upper
152 100
150 154.6 124.5 186.7
115 59.0 48.2 72.4



#5
2-Fluorophenol
Concen: 66.371 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.017 min
Lab File: BP009536.D
Acq: 24 Mar 2022 19:00

Tgt Ion:112 Resp: 1077581
Ion Ratio Lower Upper
112 100
64 54.8 45.0 67.4
63 28.3 23.0 34.6

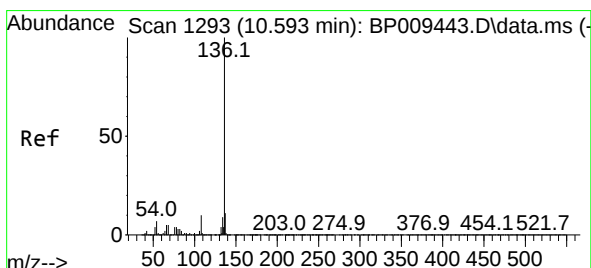
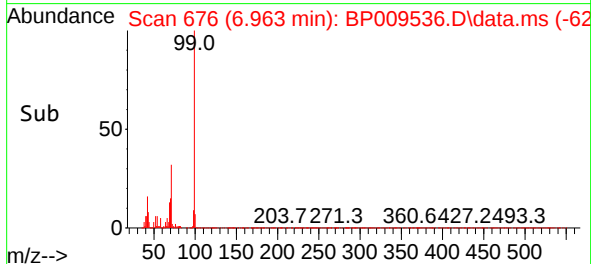
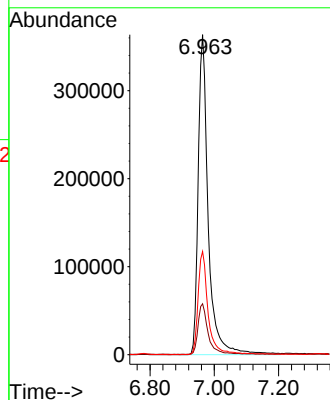
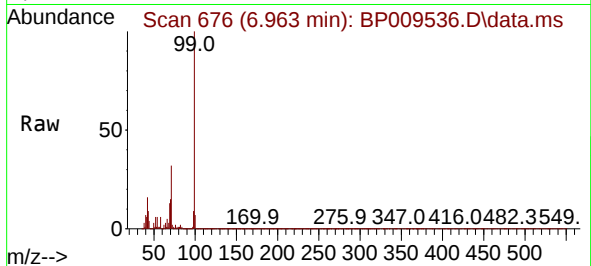




#7
Phenol-d6
Concen: 35.831 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP009536.D
Acq: 24 Mar 2022 19:00

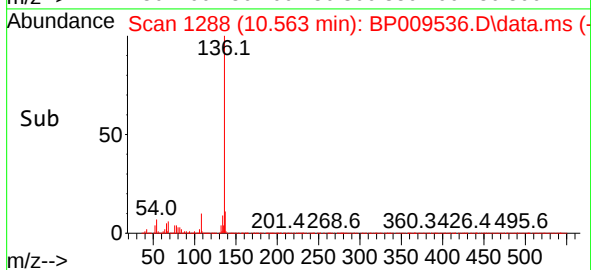
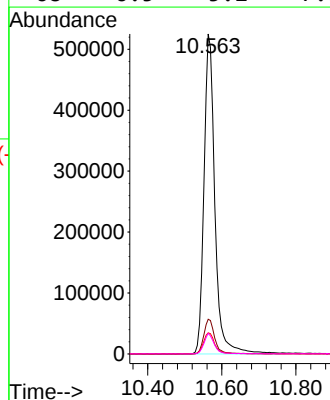
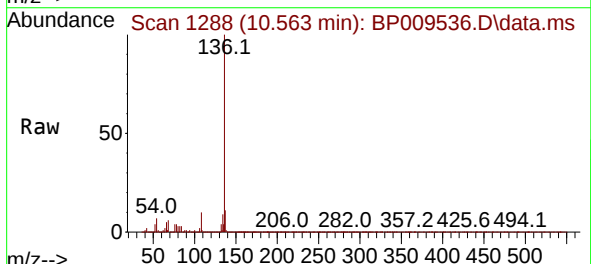
Instrument :
BNA_P
ClientSampleId :
MW-63

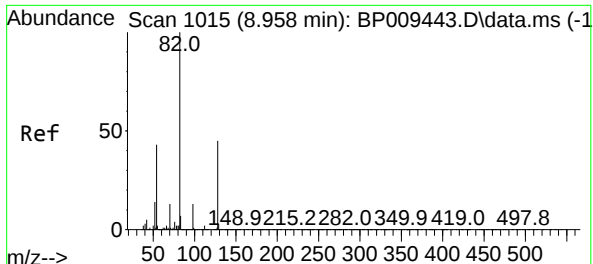
Tgt Ion: 99 Resp: 786733
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 32.2 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.017 min
Lab File: BP009536.D
Acq: 24 Mar 2022 19:00

Tgt Ion: 136 Resp: 1067489
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.6 5.8 8.8
68 6.5 5.2 7.8

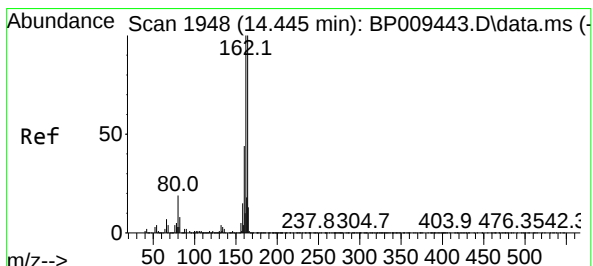
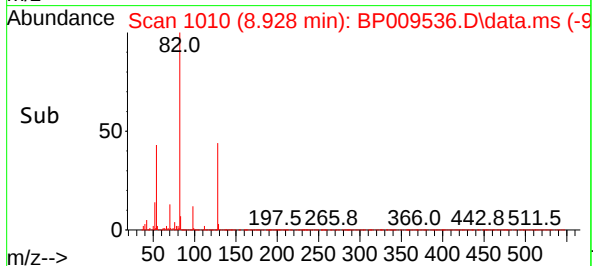
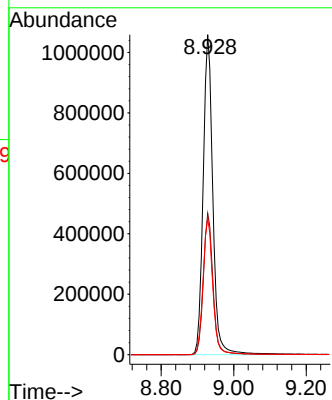
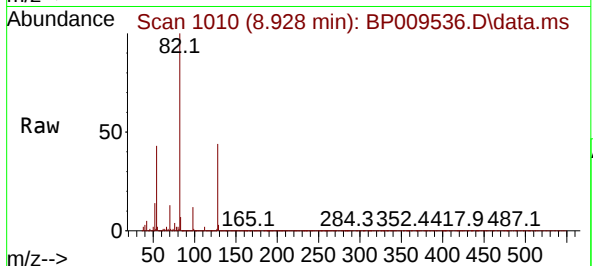




#23
Nitrobenzene-d5
Concen: 97.665 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.017 min
Lab File: BP009536.D
Acq: 24 Mar 2022 19:00

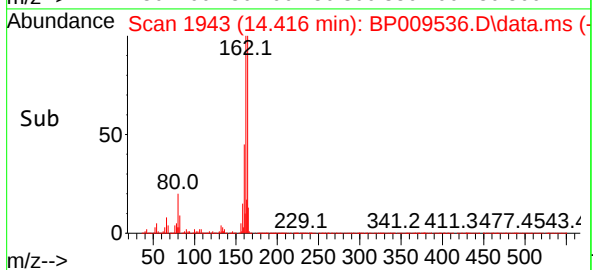
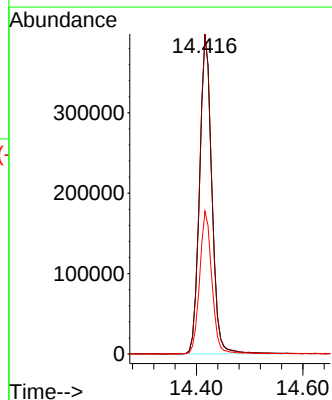
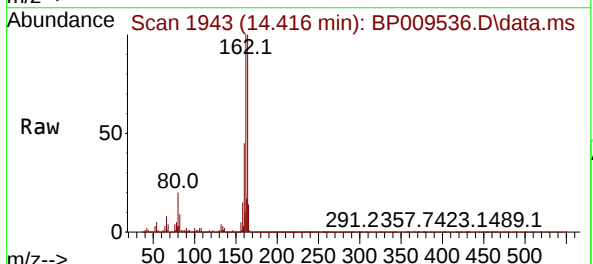
Instrument :
BNA_P
ClientSampleId :
MW-63

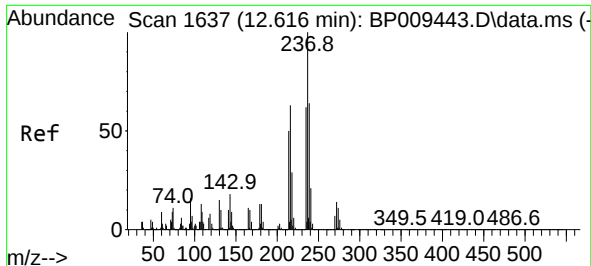
Tgt Ion: 82 Resp: 1961893
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 42.5 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.017 min
Lab File: BP009536.D
Acq: 24 Mar 2022 19:00

Tgt Ion: 164 Resp: 632903
Ion Ratio Lower Upper
164 100
162 100.5 79.1 118.7
160 44.8 34.9 52.3

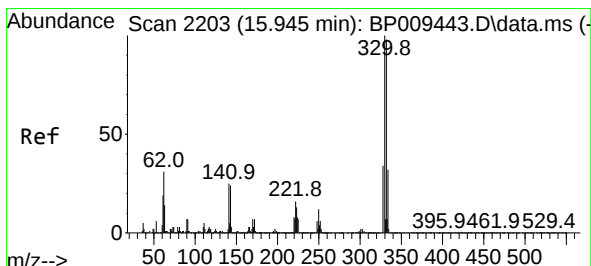
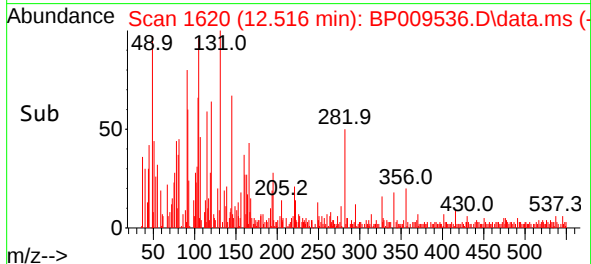
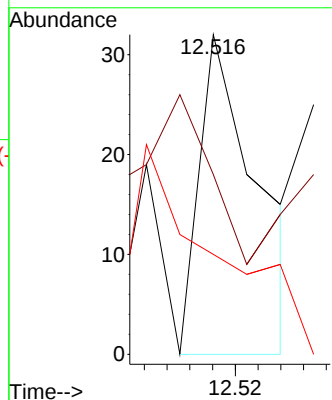
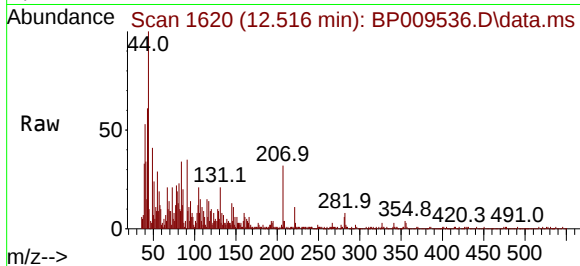




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.088 min
Lab File: BP009536.D
Acq: 24 Mar 2022 19:00

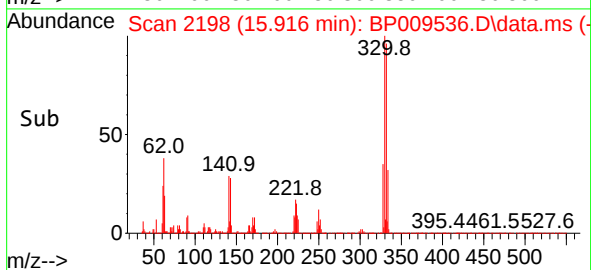
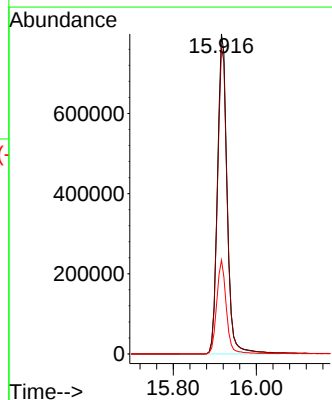
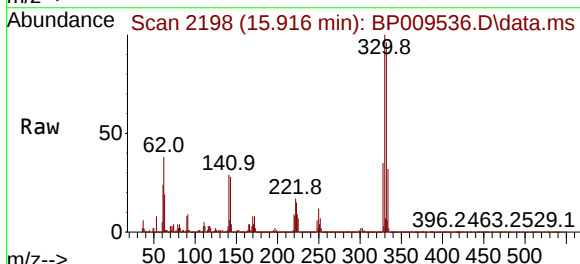
Instrument :
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ClientSampleId :
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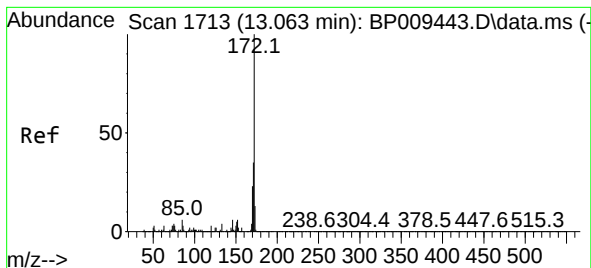
Tgt Ion:237	Resp:	23
Ion	Ratio	Lower Upper
237	100	
235	56.3	42.6 82.6
272	31.3	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 123.170 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BP009536.D
Acq: 24 Mar 2022 19:00

Tgt Ion:330	Resp:	1286390
Ion	Ratio	Lower Upper
330	100	
332	97.1	77.0 115.6
141	29.2	27.6 41.4

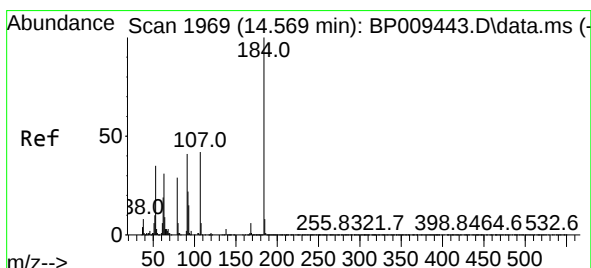
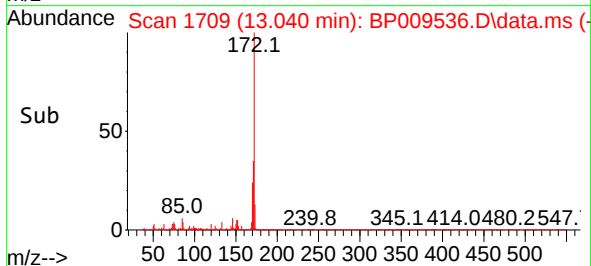
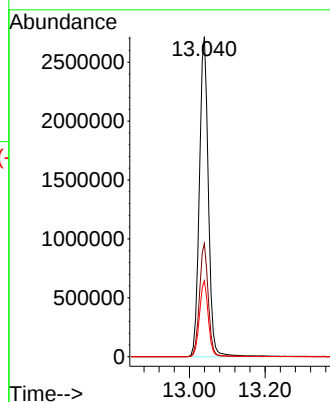
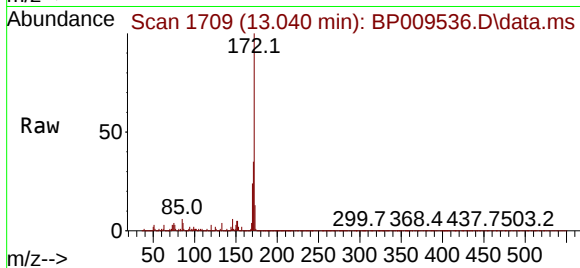




#45
2-Fluorobiphenyl
Concen: 98.543 ng
RT: 13.040 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP009536.D
Acq: 24 Mar 2022 19:00

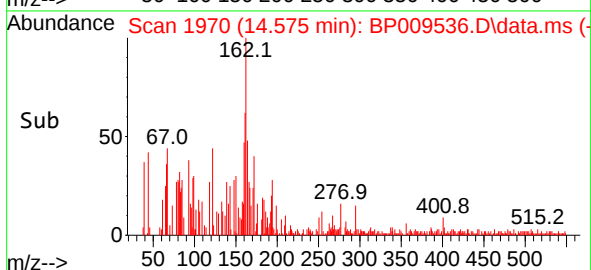
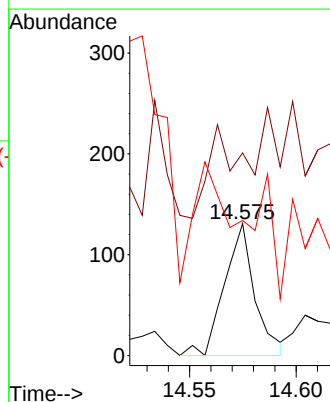
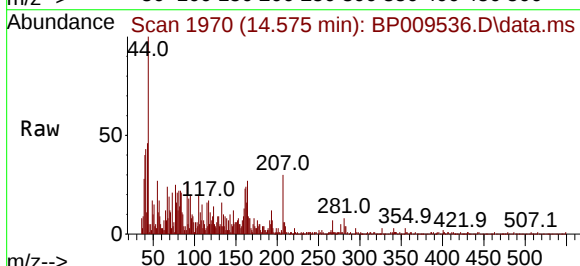
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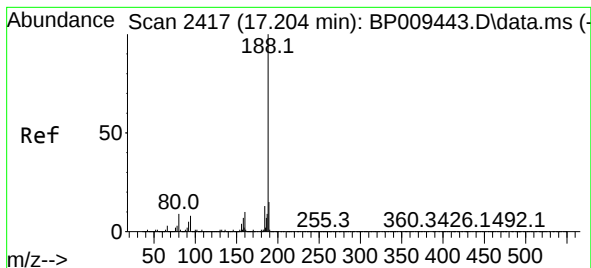
Tgt Ion:172 Resp: 4498916
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.7 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.552 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP009536.D
Acq: 24 Mar 2022 19:00

Tgt Ion:184 Resp: 130
Ion Ratio Lower Upper
184 100
63 153.4 46.3 69.5#
154 102.3 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 2417

Delta R.T. -0.017 min

Lab File: BP009536.D

Acq: 24 Mar 2022 19:00

Instrument :

BNA_P

ClientSampleId :

MW-63

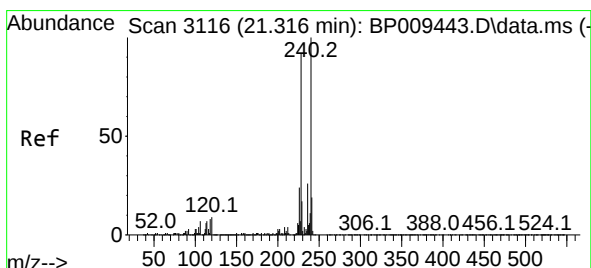
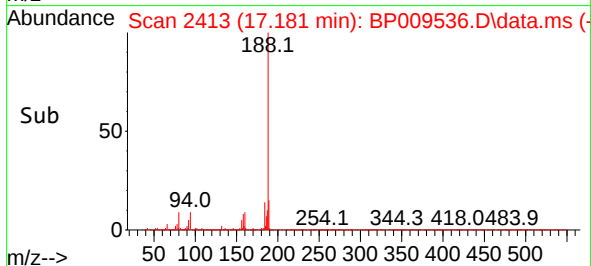
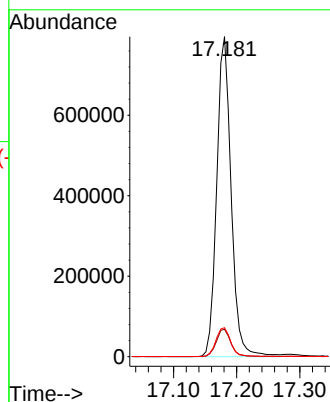
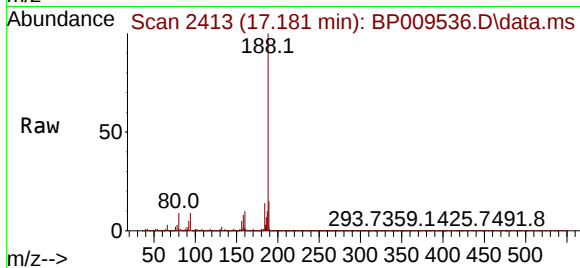
Tgt Ion:188 Resp: 1259555

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

80 9.1 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.023 min

Lab File: BP009536.D

Acq: 24 Mar 2022 19:00

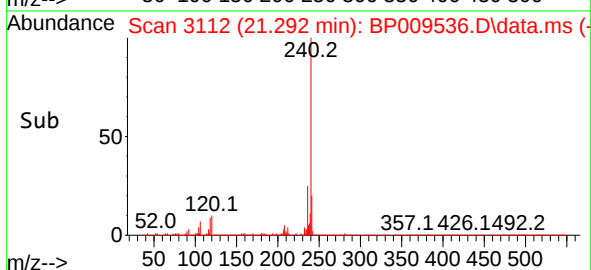
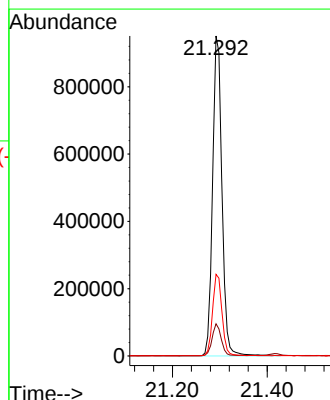
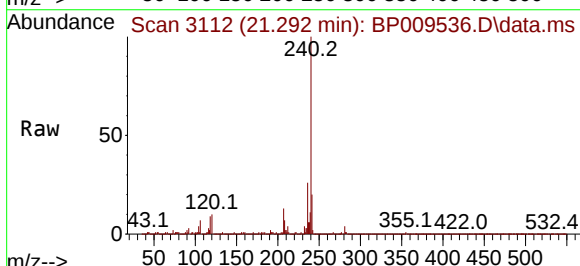
Tgt Ion:240 Resp: 1307619

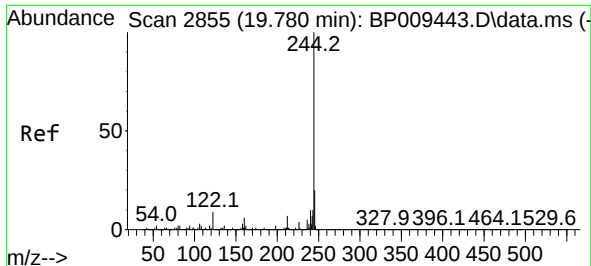
Ion Ratio Lower Upper

240 100

120 10.0 9.0 13.4

236 25.5 20.6 30.8

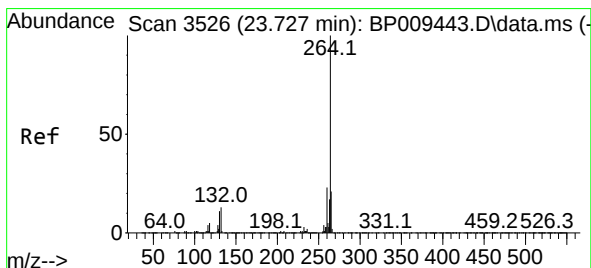
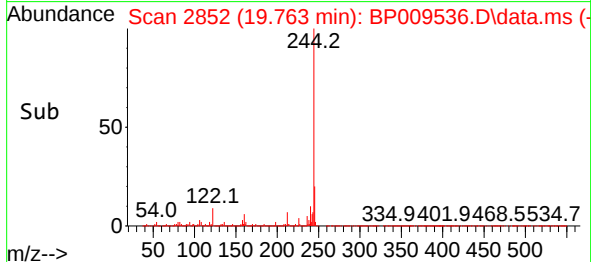
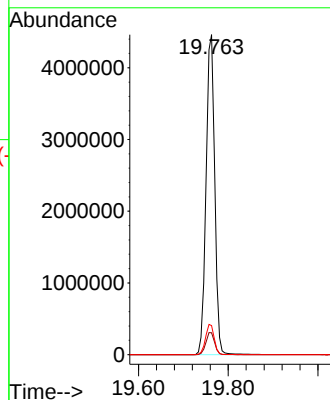
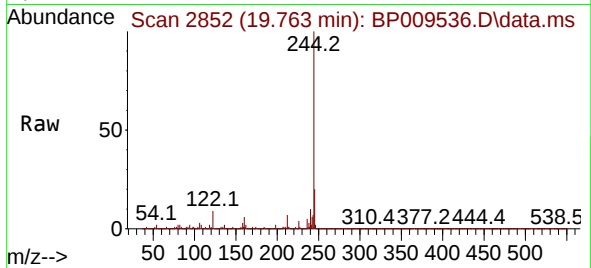




#79
 Terphenyl-d14
 Concen: 81.825 ng
 RT: 19.763 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BP009536.D
 Acq: 24 Mar 2022 19:00

Instrument :
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 MW-63

Tgt Ion:244 Resp: 5961134
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 9.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.686 min Scan# 3519
 Delta R.T. -0.029 min
 Lab File: BP009536.D
 Acq: 24 Mar 2022 19:00

Tgt Ion:264 Resp: 1498350
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.8 17.2 25.8

