

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009511.D
 Acq On : 23 Mar 2022 18:04
 Operator : CG/JU
 Sample : PB143541BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143541BL

Quant Time: Mar 24 01:21:06 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)

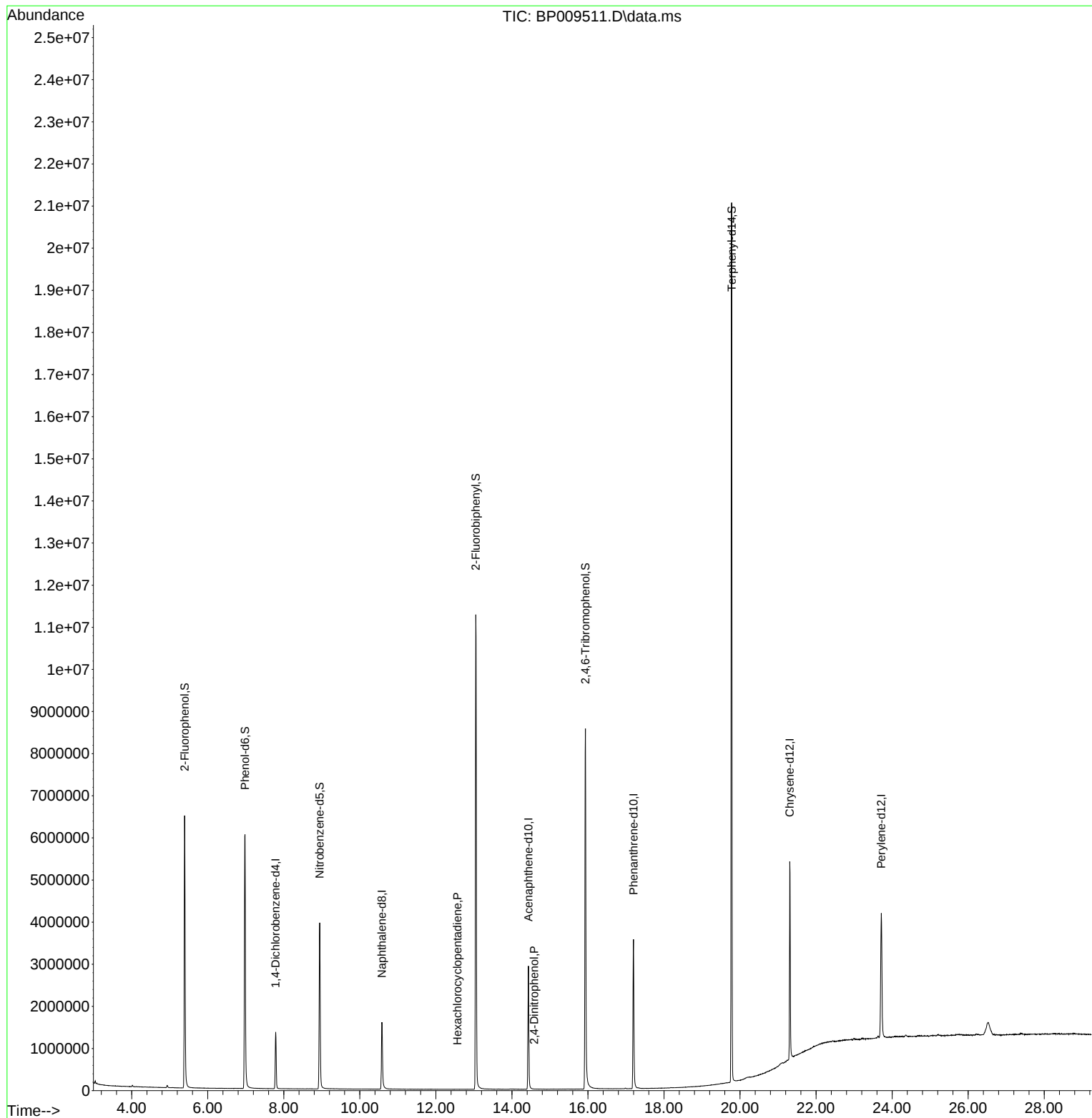
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	416954	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1723761	20.000	ng	0.00
39) Acenaphthene-d10	14.433	164	1165360	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	2584590	20.000	ng	0.00
76) Chrysene-d12	21.309	240	2607393	20.000	ng	0.00
86) Perylene-d12	23.715	264	2601548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	3381391	141.591	ng	0.00
7) Phenol-d6	6.981	99	4266103	132.093	ng	0.00
23) Nitrobenzene-d5	8.945	82	2680343	82.630	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	2189446	113.853	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	6723682	79.984	ng	0.00
79) Terphenyl-d14	19.780	244	11653793	80.223	ng	0.00
Target Compounds						
9) Benzaldehyde	6.981	77	7958	Below Cal	#	8
41) Hexachlorocyclopentadiene	12.569	237	41	7.291	ng	82
54) 2,4-Dinitrophenol	14.586	184	20	4.534	ng	# 1

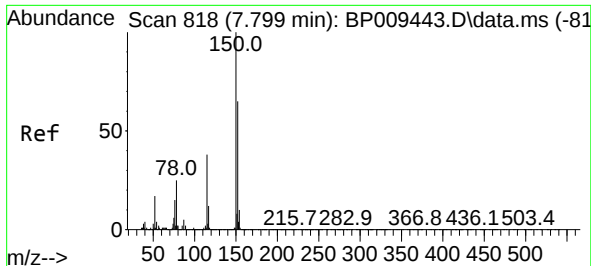
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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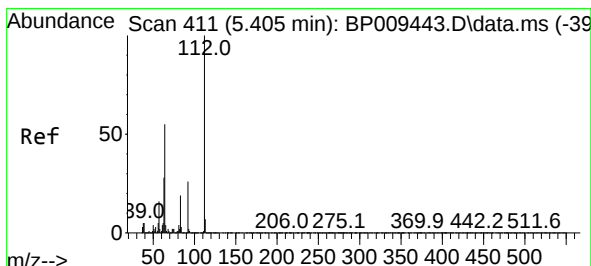
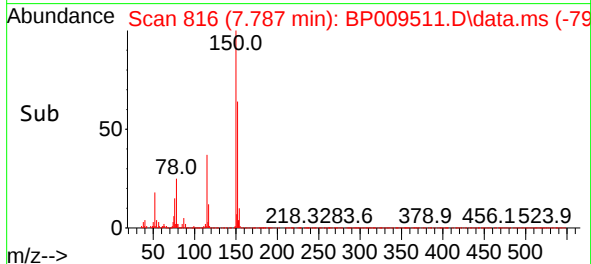
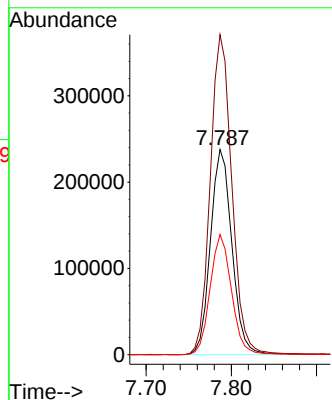
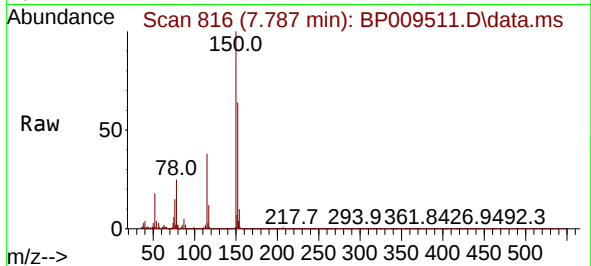




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

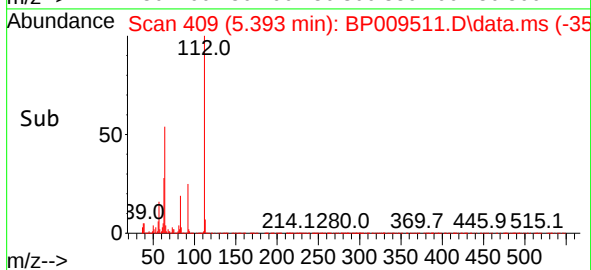
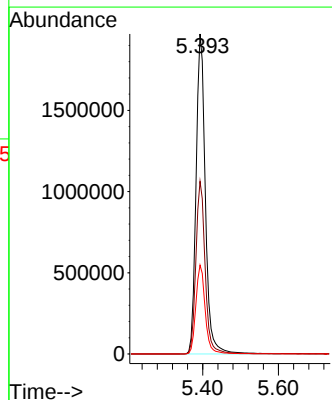
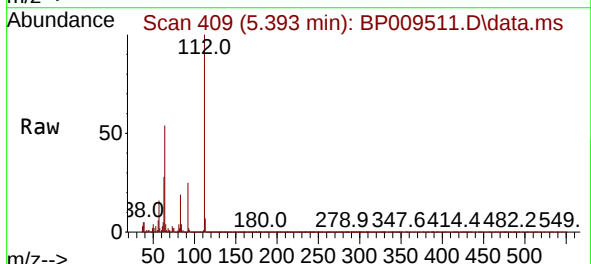
Instrument :
BNA_P
ClientSampleId :
PB143541BL

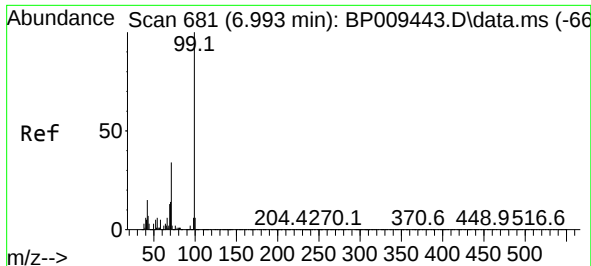
Tgt Ion:152 Resp: 416954
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 58.6 48.2 72.4



#5
2-Fluorophenol
Concen: 141.591 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

Tgt Ion:112 Resp: 3381391
Ion Ratio Lower Upper
112 100
64 54.0 45.0 67.4
63 27.8 23.0 34.6

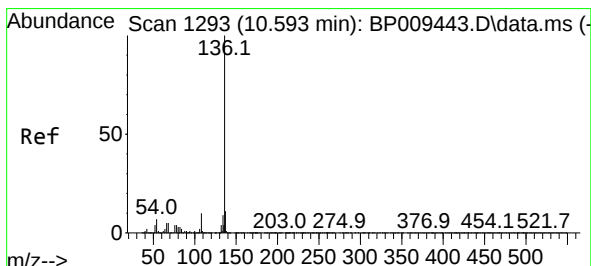
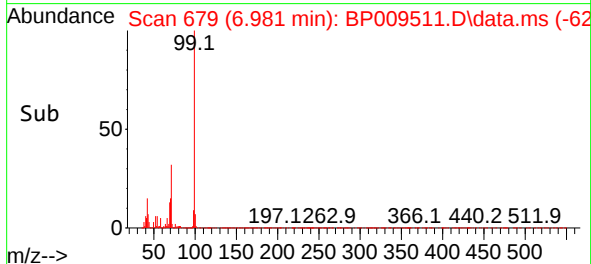
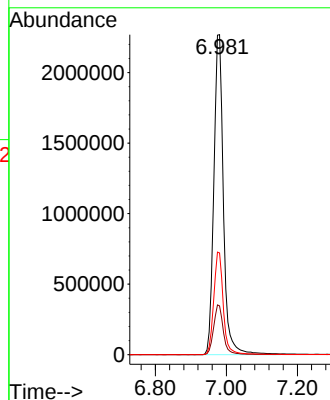
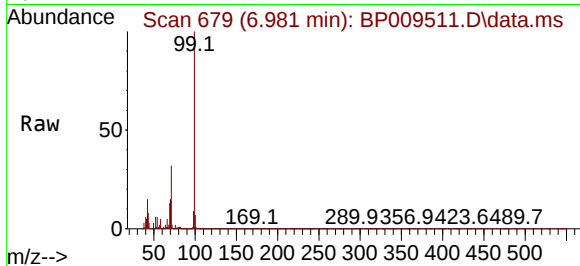




#7
Phenol-d6
Concen: 132.093 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

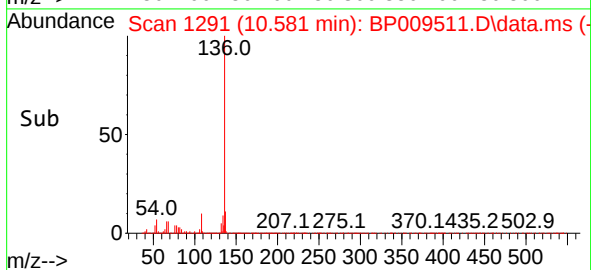
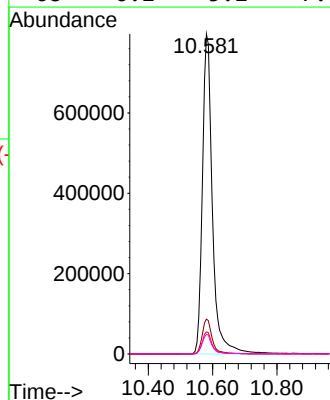
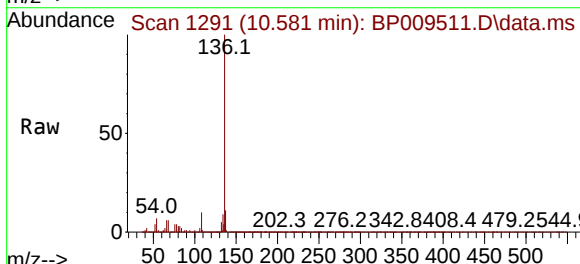
Instrument :
BNA_P
ClientSampleId :
PB143541BL

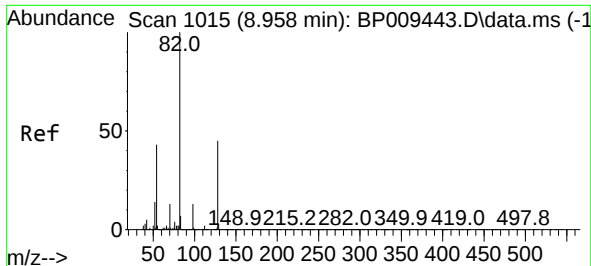
Tgt Ion: 99 Resp: 4266103
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 31.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

Tgt Ion:136 Resp: 1723761
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.9 5.8 8.8
68 6.2 5.2 7.8

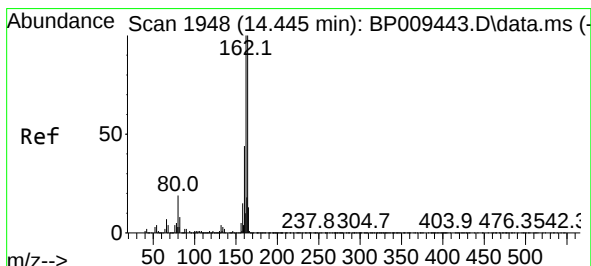
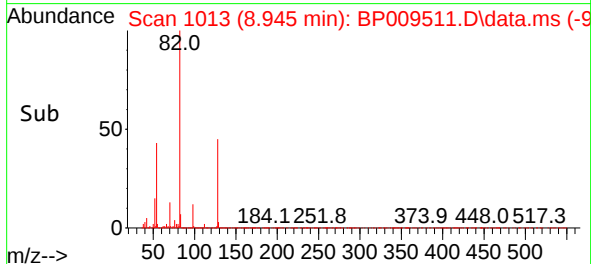
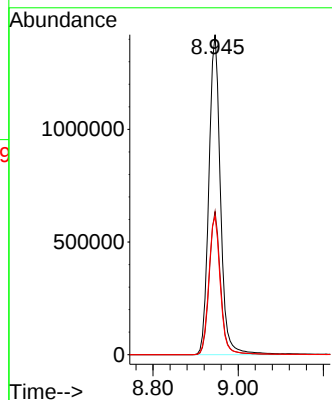
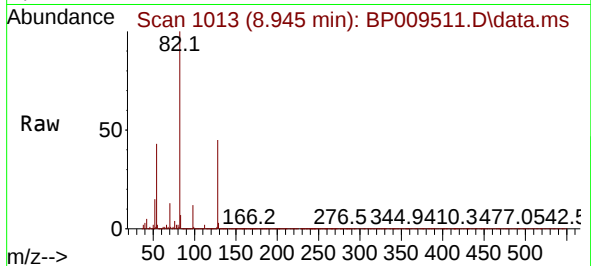




#23
Nitrobenzene-d5
Concen: 82.630 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

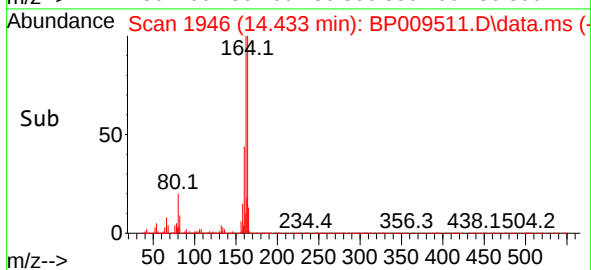
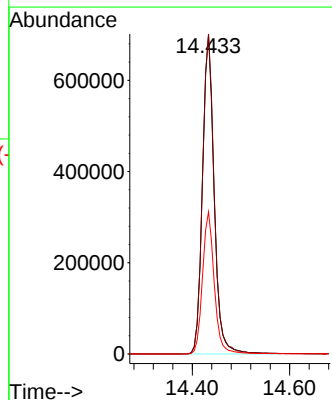
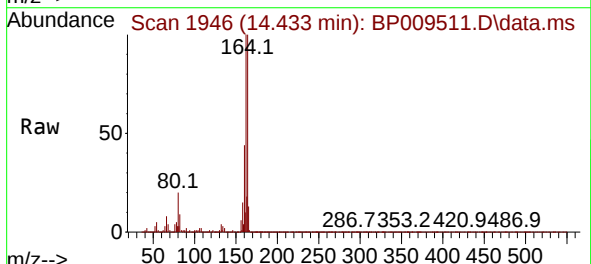
Instrument :
BNA_P
ClientSampleId :
PB143541BL

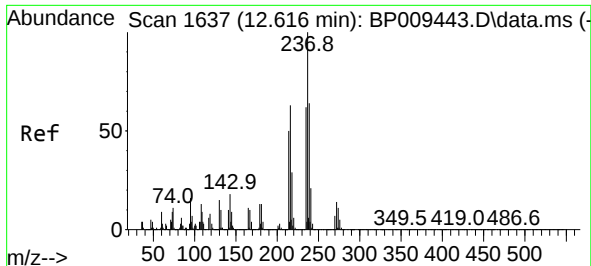
Tgt Ion: 82 Resp: 2680343
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.4
54 43.1 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

Tgt Ion:164 Resp: 1165360
Ion Ratio Lower Upper
164 100
162 100.2 79.1 118.7
160 44.5 34.9 52.3

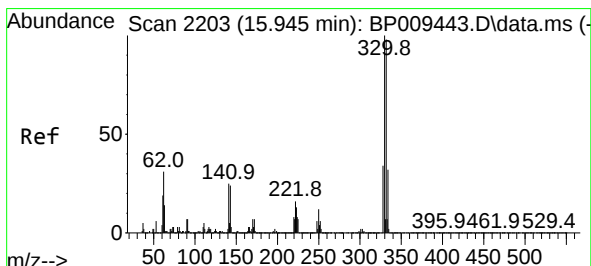
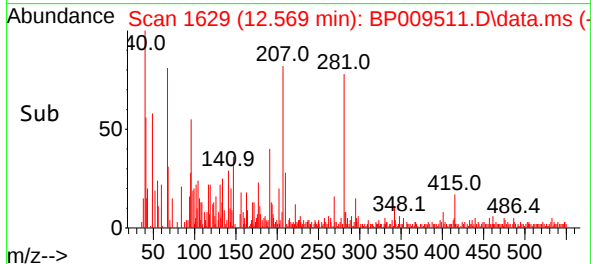
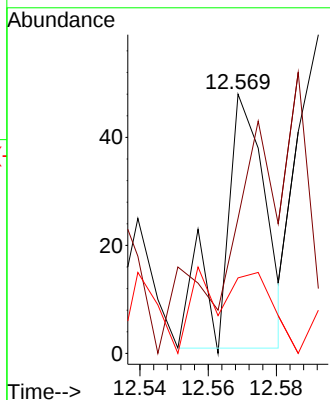
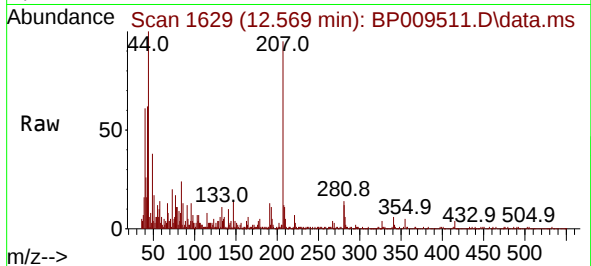




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.569 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

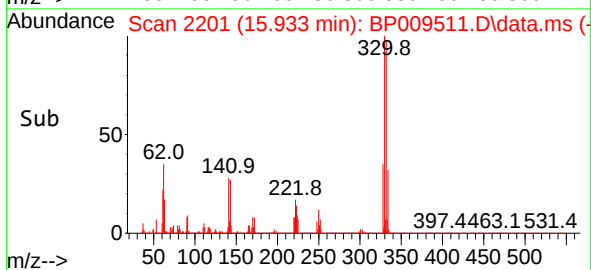
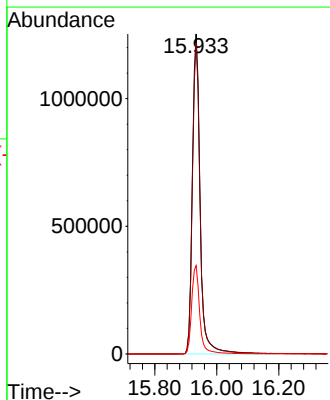
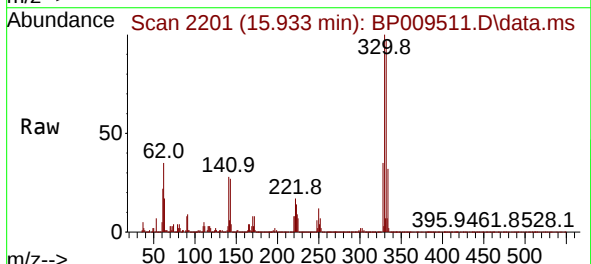
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ClientSampleId :
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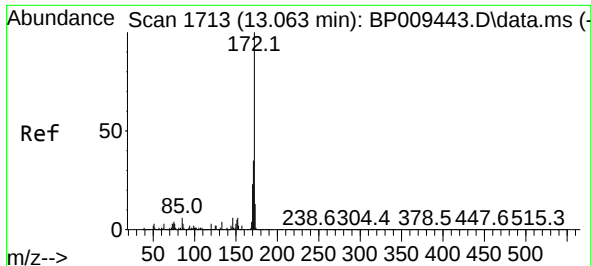
Tgt Ion:237	Resp:	41
Ion Ratio	Lower	Upper
237	100	
235	52.1	42.6 82.6
272	29.2	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 113.853 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

Tgt Ion:330	Resp:	2189446
Ion Ratio	Lower	Upper
330	100	
332	96.6	77.0 115.6
141	28.8	27.6 41.4

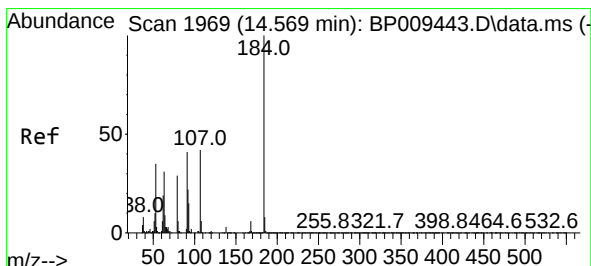
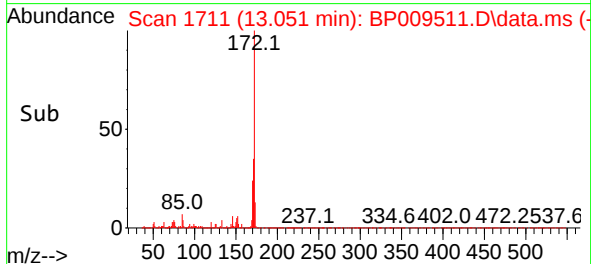
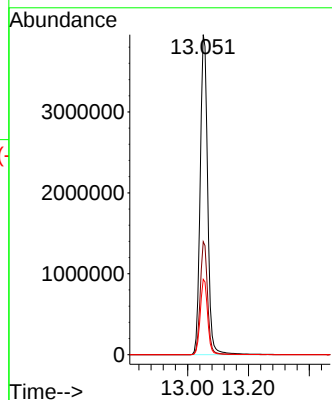
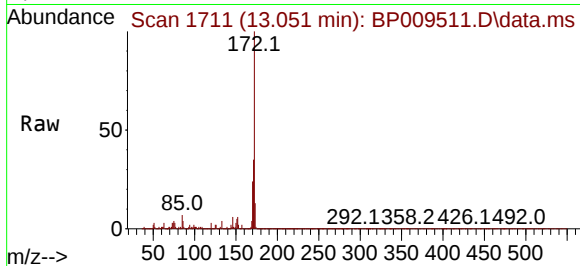




#45
2-Fluorobiphenyl
Concen: 79.984 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

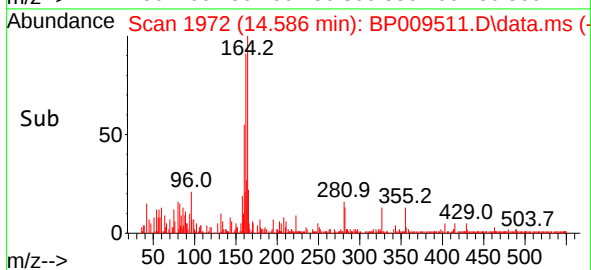
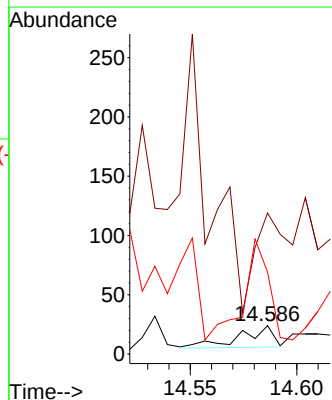
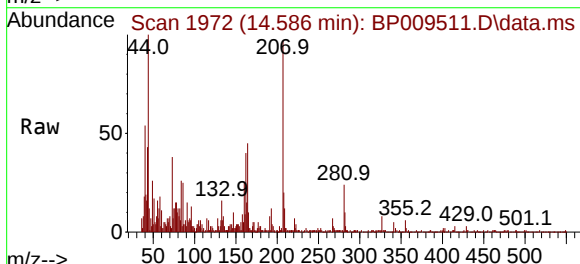
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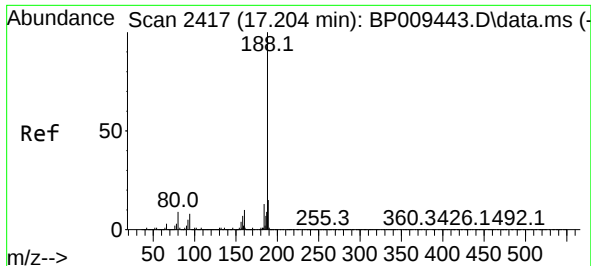
Tgt Ion:172 Resp: 6723682
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.5 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.534 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.023 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 495.8 46.3 69.5#
154 287.5 45.8 68.6#

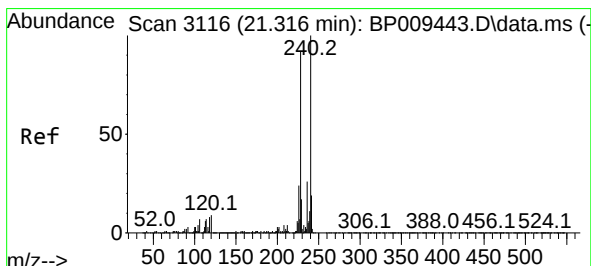
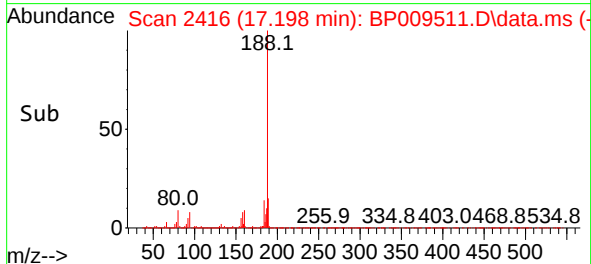
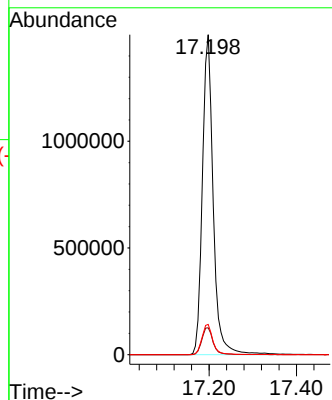
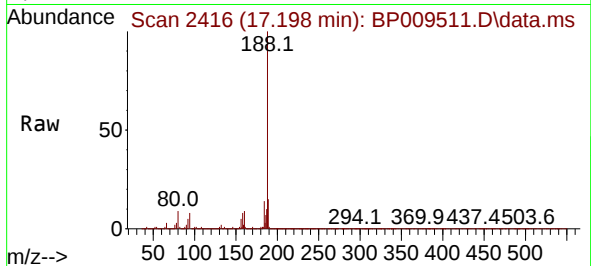




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

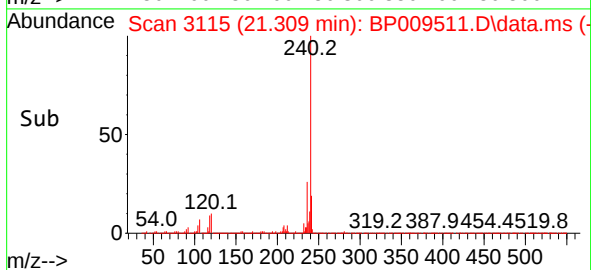
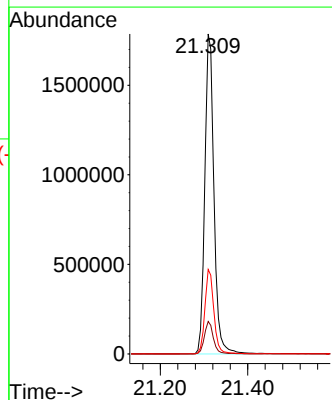
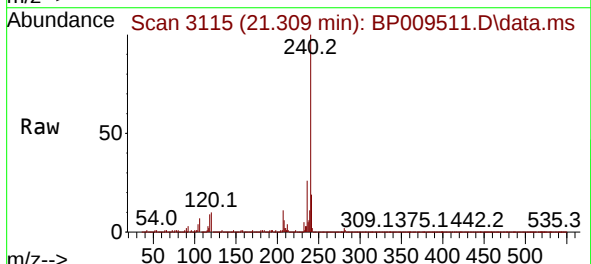
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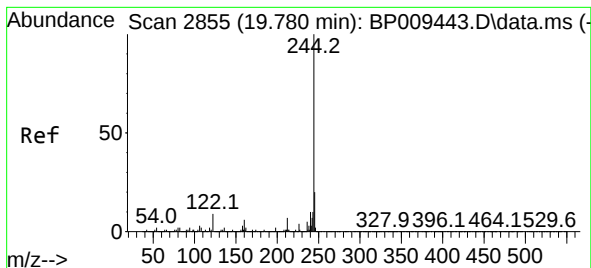
Tgt Ion:188 Resp: 2584590
Ion Ratio Lower Upper
188 100
94 8.4 7.9 11.9
80 9.5 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009511.D
Acq: 23 Mar 2022 18:04

Tgt Ion:240 Resp: 2607393
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 26.4 20.6 30.8





#79

Terphenyl-d14

Concen: 80.223 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009511.D

Acq: 23 Mar 2022 18:04

Instrument :

BNA_P

ClientSampleId :

PB143541BL

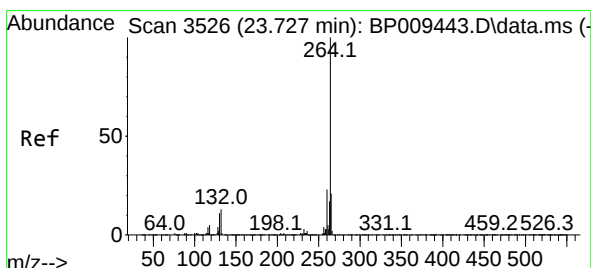
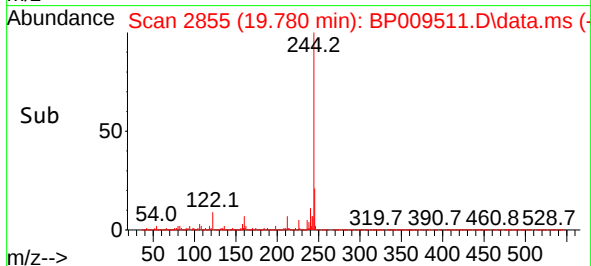
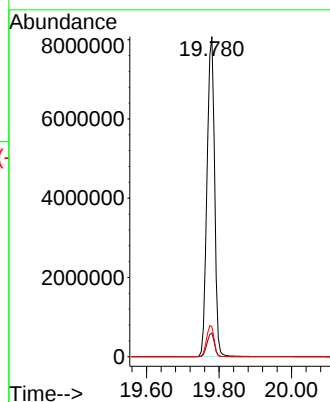
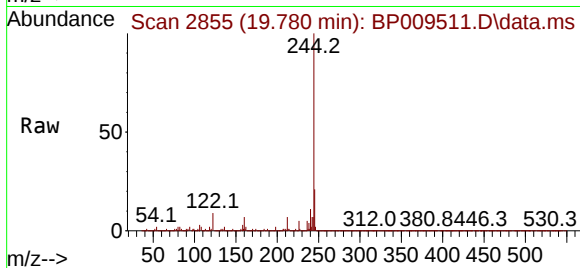
Tgt Ion:244 Resp:11653793

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3524

Delta R.T. -0.000 min

Lab File: BP009511.D

Acq: 23 Mar 2022 18:04

Tgt Ion:264 Resp: 2601548

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 22.2 17.2 25.8

