

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
 Data File : BP009112.D
 Acq On : 11 Feb 2022 14:23
 Operator : CG/JU
 Sample : PB142549BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142549BL

Quant Time: Feb 11 23:29:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

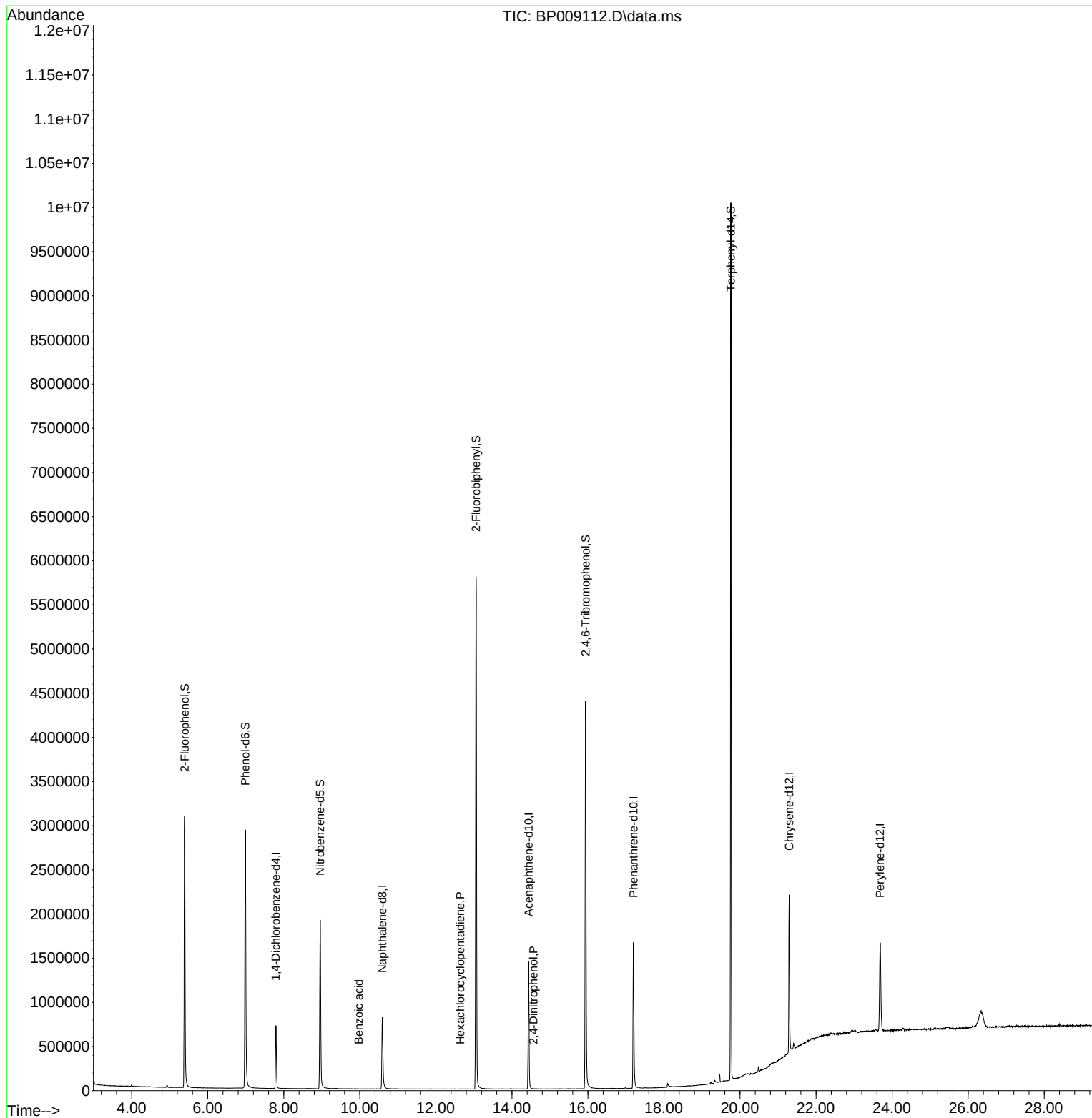
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	220690	20.000	ng	-0.01
21) Naphthalene-d8	10.593	136	862109	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	592105	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1222505	20.000	ng	0.00
76) Chrysene-d12	21.292	240	985432	20.000	ng	0.00
86) Perylene-d12	23.686	264	924279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1617935	130.775	ng	0.00
7) Phenol-d6	6.987	99	2088304	128.101	ng	0.00
23) Nitrobenzene-d5	8.957	82	1259724	82.403	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	1087412	137.548	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	3561824	84.211	ng	-0.01
79) Terphenyl-d14	19.757	244	4873994	88.946	ng	-0.01
Target Compounds						
32) Benzoic acid	9.975	122	18	2.691	ng	# 1
41) Hexachlorocyclopentadiene	12.640	237	32	8.660	ng	78
54) 2,4-Dinitrophenol	14.569	184	43	2.178	ng	# 70

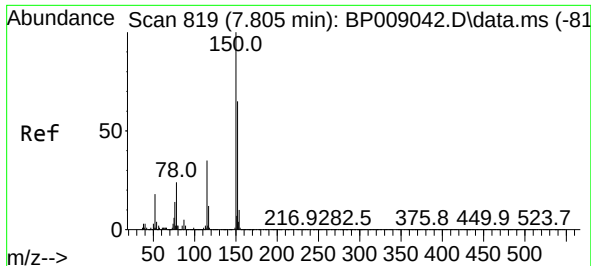
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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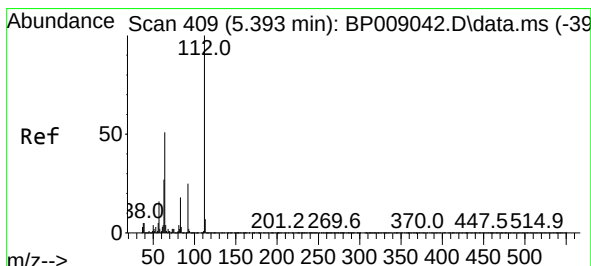
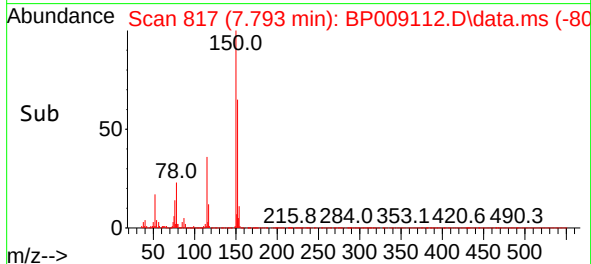
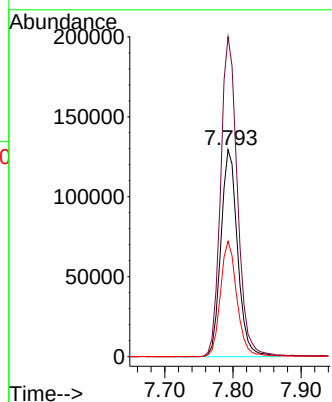
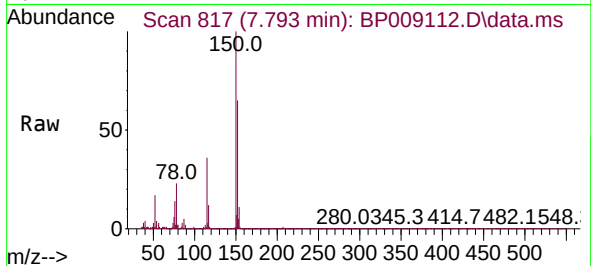




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

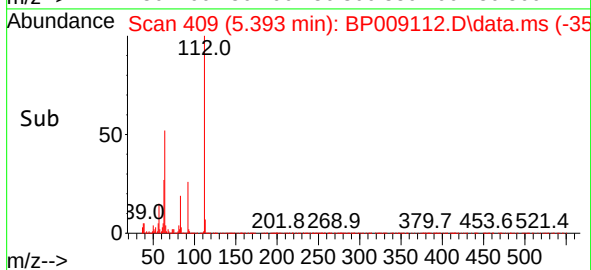
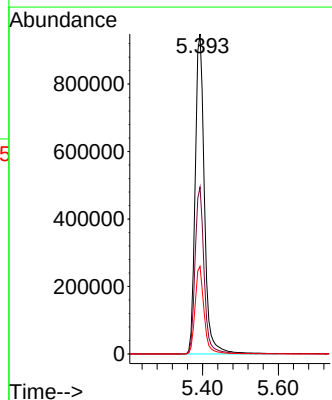
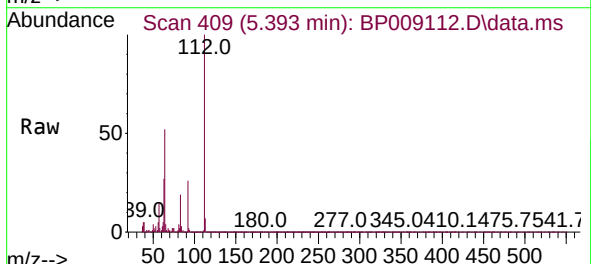
Instrument :
BNA_P
ClientSampleId :
PB142549BL

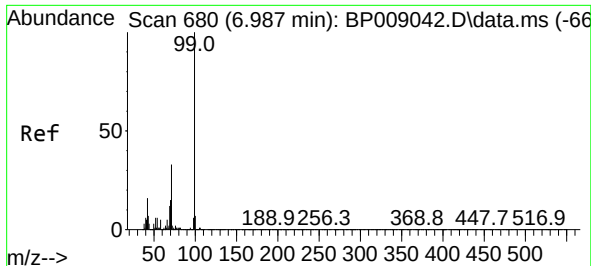
Tgt Ion:152 Resp: 220690
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 55.8 43.7 65.5



#5
2-Fluorophenol
Concen: 130.775 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

Tgt Ion:112 Resp: 1617935
Ion Ratio Lower Upper
112 100
64 52.1 39.7 59.5
63 27.3 20.0 30.0

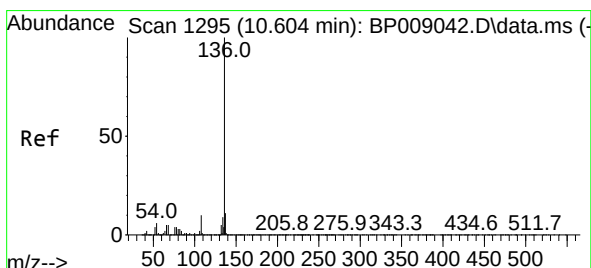
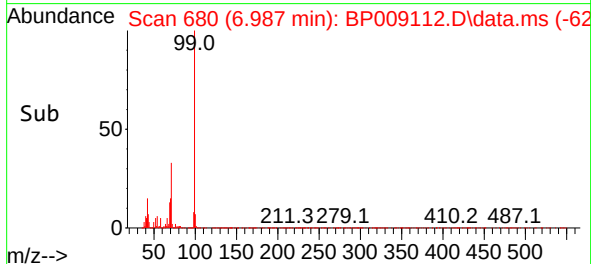
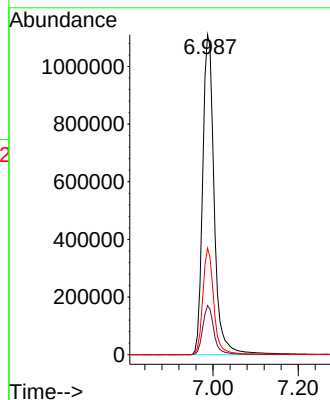
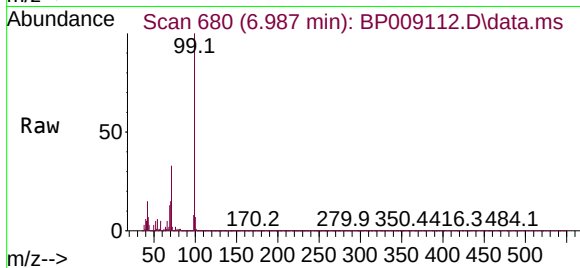




#7
Phenol-d6
Concen: 128.101 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

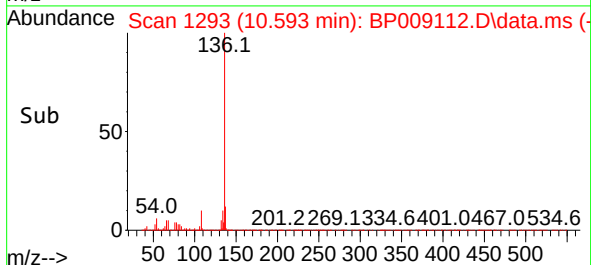
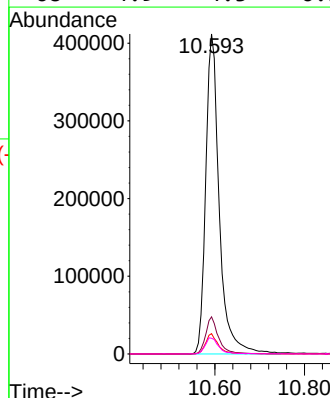
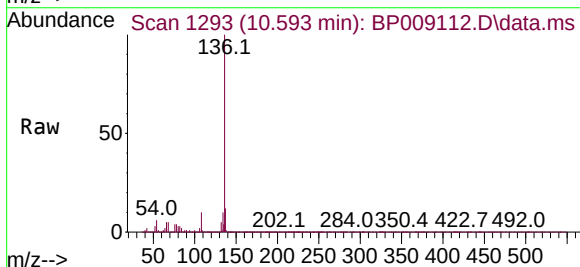
Instrument :
BNA_P
ClientSampleId :
PB142549BL

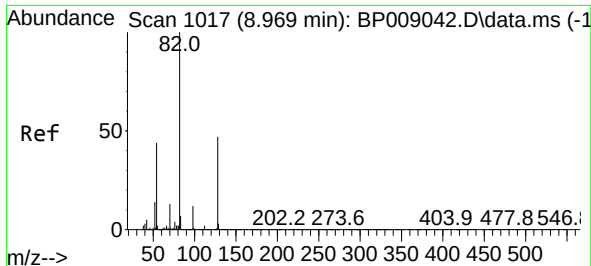
Tgt Ion: 99 Resp: 2088304
Ion Ratio Lower Upper
99 100
42 15.4 10.8 16.2
71 33.3 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

Tgt Ion:136 Resp: 862109
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 6.3 4.9 7.3
68 4.9 4.3 6.5



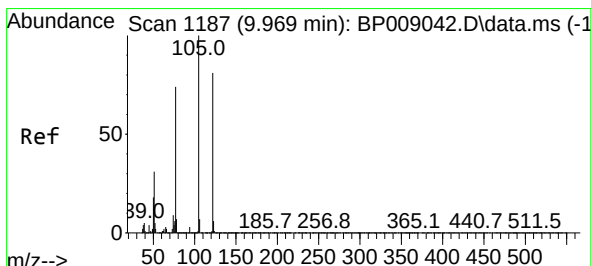
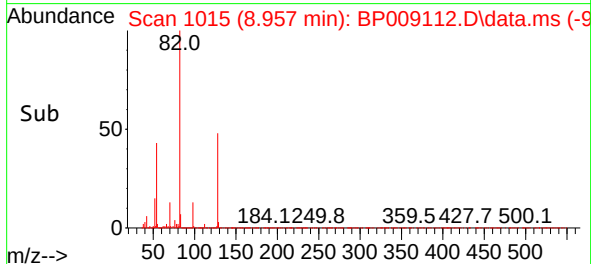
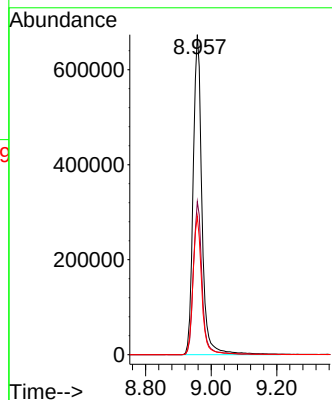
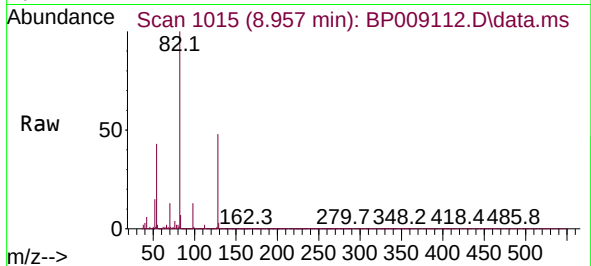


#23
Nitrobenzene-d5
Concen: 82.403 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

Instrument :
BNA_P
ClientSampleId :
PB142549BL

Tgt Ion: 82 Resp: 1259724

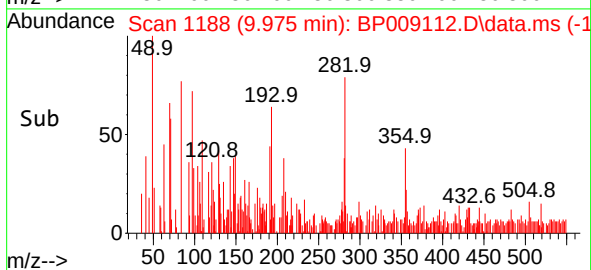
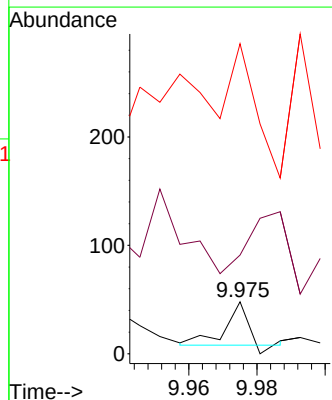
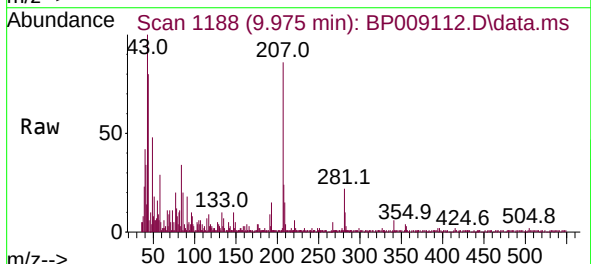
Ion	Ratio	Lower	Upper
82	100		
128	47.8	39.4	59.2
54	43.3	32.6	48.8

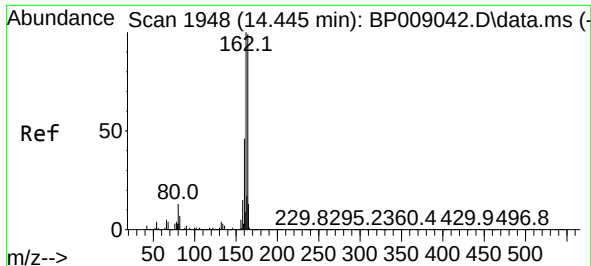


#32
Benzoic acid
Concen: 2.691 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

Tgt Ion: 122 Resp: 18

Ion	Ratio	Lower	Upper
122	100		
105	189.6	100.1	140.1#
77	595.8	65.5	105.5#

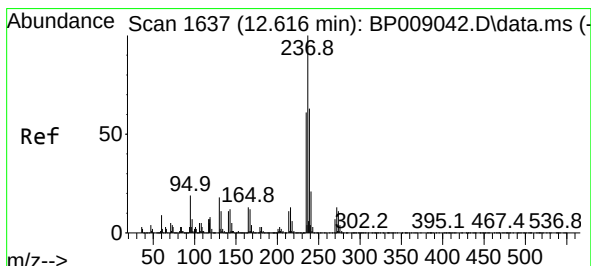
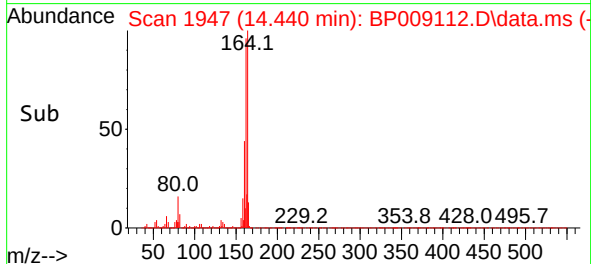
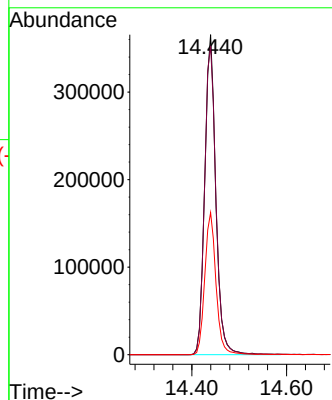
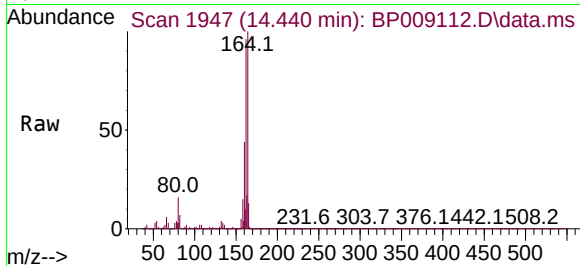




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

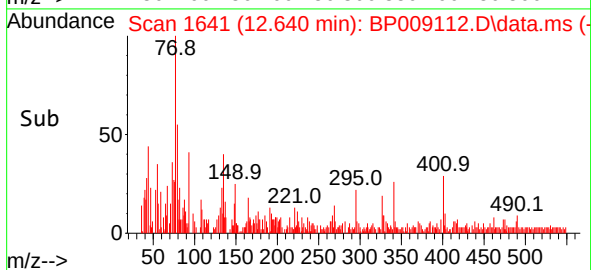
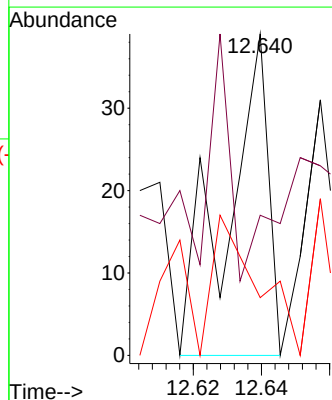
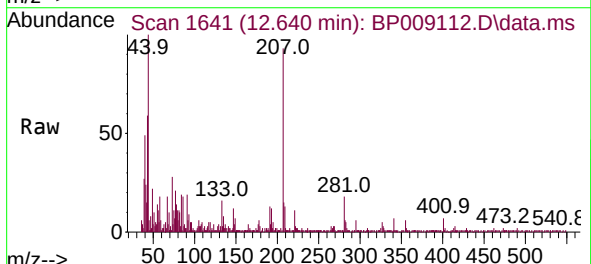
Instrument :
BNA_P
ClientSampleId :
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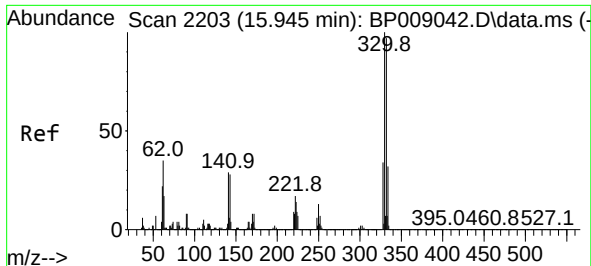
Tgt Ion:164 Resp: 592105
Ion Ratio Lower Upper
164 100
162 96.5 79.9 119.9
160 44.4 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.640 min Scan# 1641
Delta R.T. 0.024 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

Tgt Ion:237 Resp: 32
Ion Ratio Lower Upper
237 100
235 43.6 42.9 82.9
272 17.9 0.0 33.8

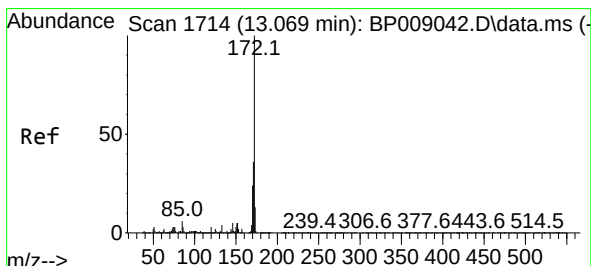
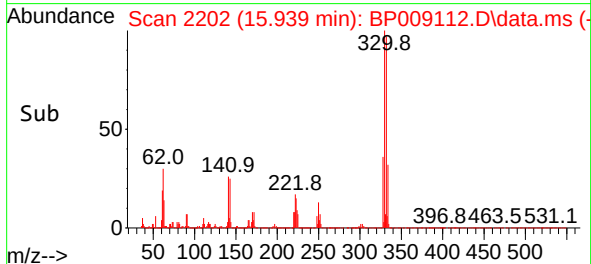
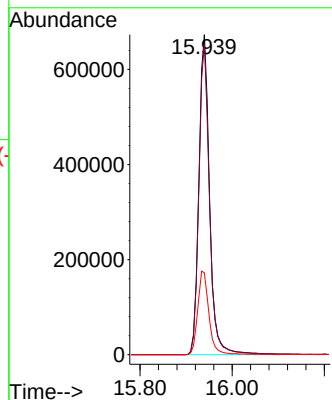
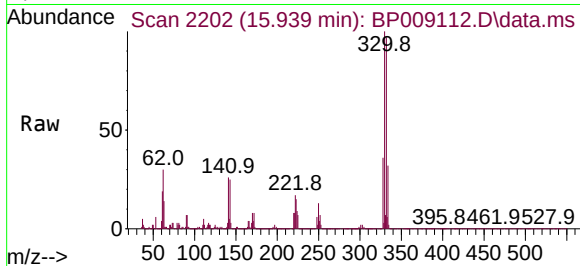




#42
2,4,6-Tribromophenol
Concen: 137.548 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

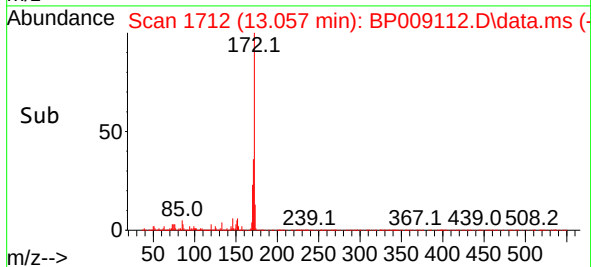
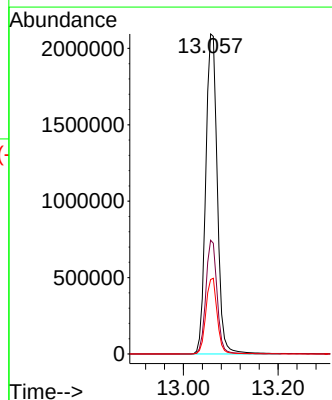
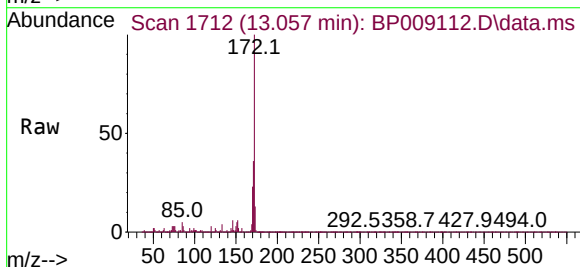
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ClientSampleId :
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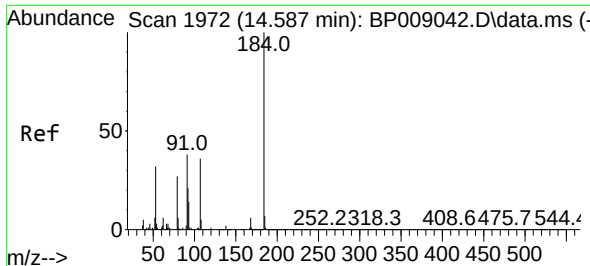
Tgt Ion:330 Resp: 1087412
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 27.5 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 84.211 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

Tgt Ion:172 Resp: 3561824
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.2 19.5 29.3

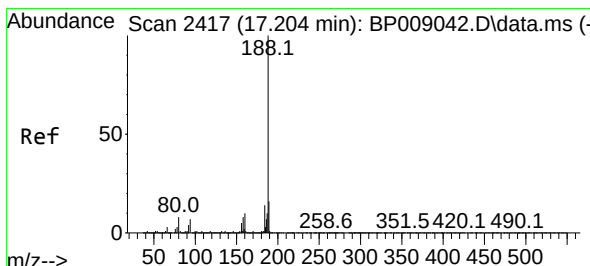
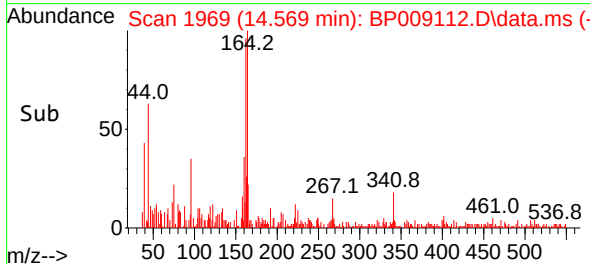
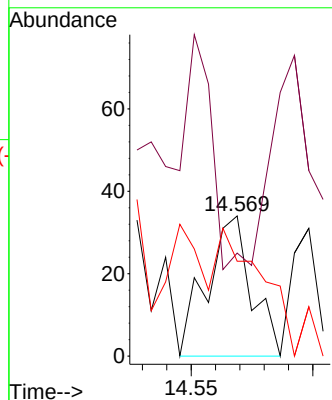
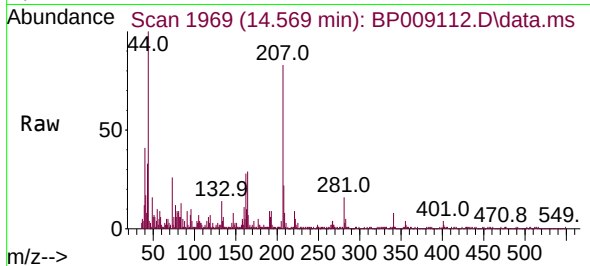




#54
2,4-Dinitrophenol
Concen: 2.178 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.018 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

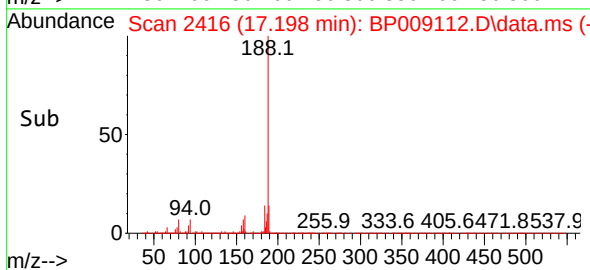
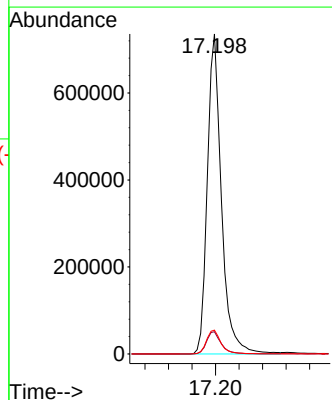
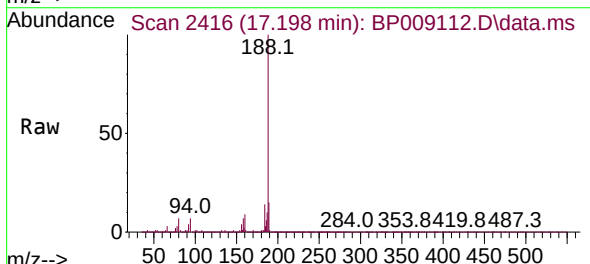
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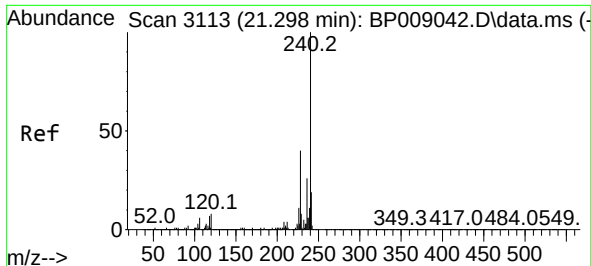
Tgt Ion:184 Resp: 43
Ion Ratio Lower Upper
184 100
63 73.5 35.6 53.4#
154 67.6 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

Tgt Ion:188 Resp: 1222505
Ion Ratio Lower Upper
188 100
94 6.9 6.8 10.2
80 7.4 7.2 10.8

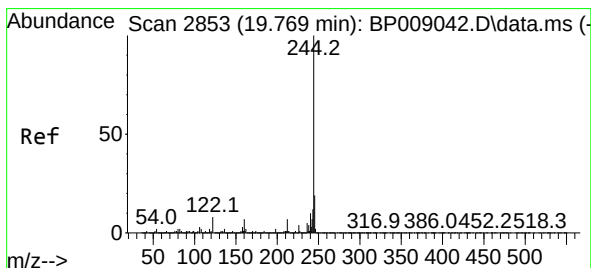
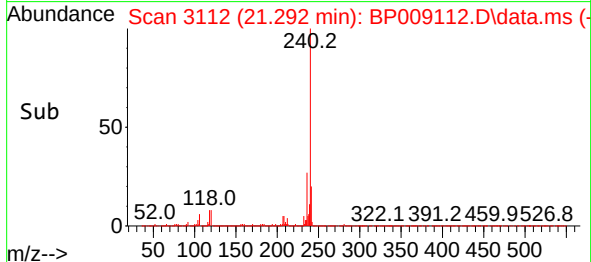
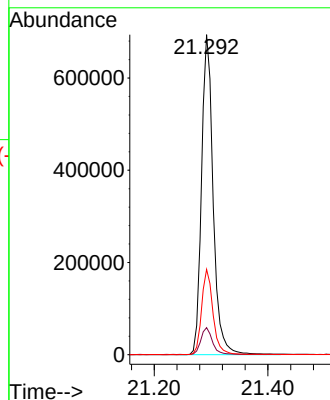
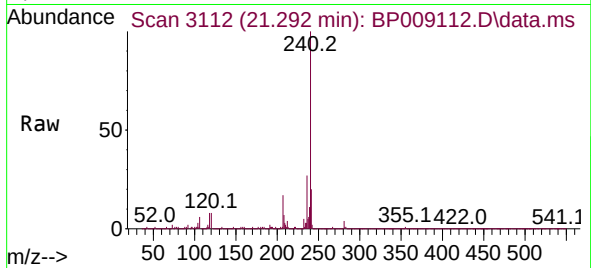




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

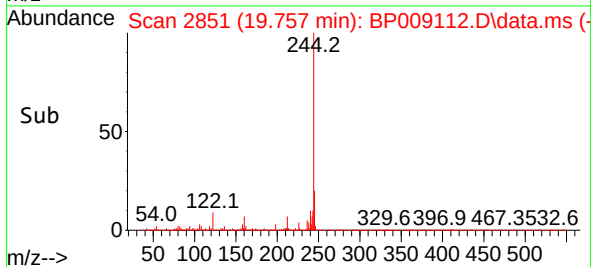
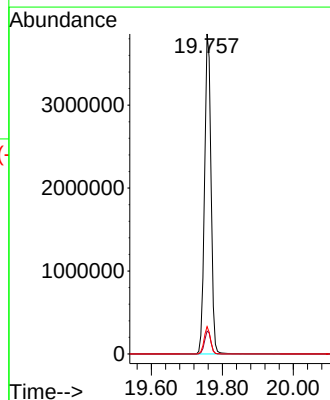
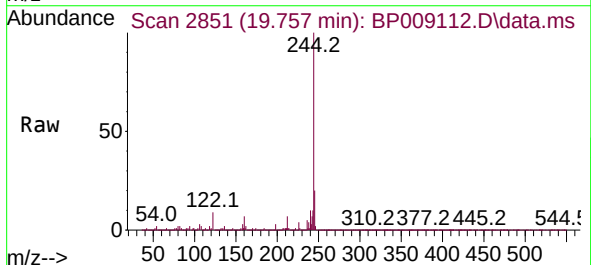
Instrument :
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ClientSampleId :
PB142549BL

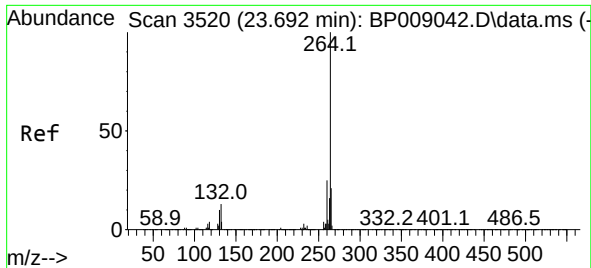
Tgt Ion:240 Resp: 985432
Ion Ratio Lower Upper
240 100
120 8.5 7.7 11.5
236 26.7 21.2 31.8



#79
Terphenyl-d14
Concen: 88.946 ng
RT: 19.757 min Scan# 2851
Delta R.T. -0.012 min
Lab File: BP009112.D
Acq: 11 Feb 2022 14:23

Tgt Ion:244 Resp: 4873994
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 8.5 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.686 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP009112.D
 Acq: 11 Feb 2022 14:23

Instrument :
 BNA_P
 ClientSampleId :
 PB142549BL

Tgt Ion:264 Resp: 924279
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 23.3 17.1 25.7

