

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
 Data File : BP009116.D
 Acq On : 11 Feb 2022 16:47
 Operator : CG/JU
 Sample : PB142544BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142544BL

Quant Time: Feb 11 23:31:44 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)

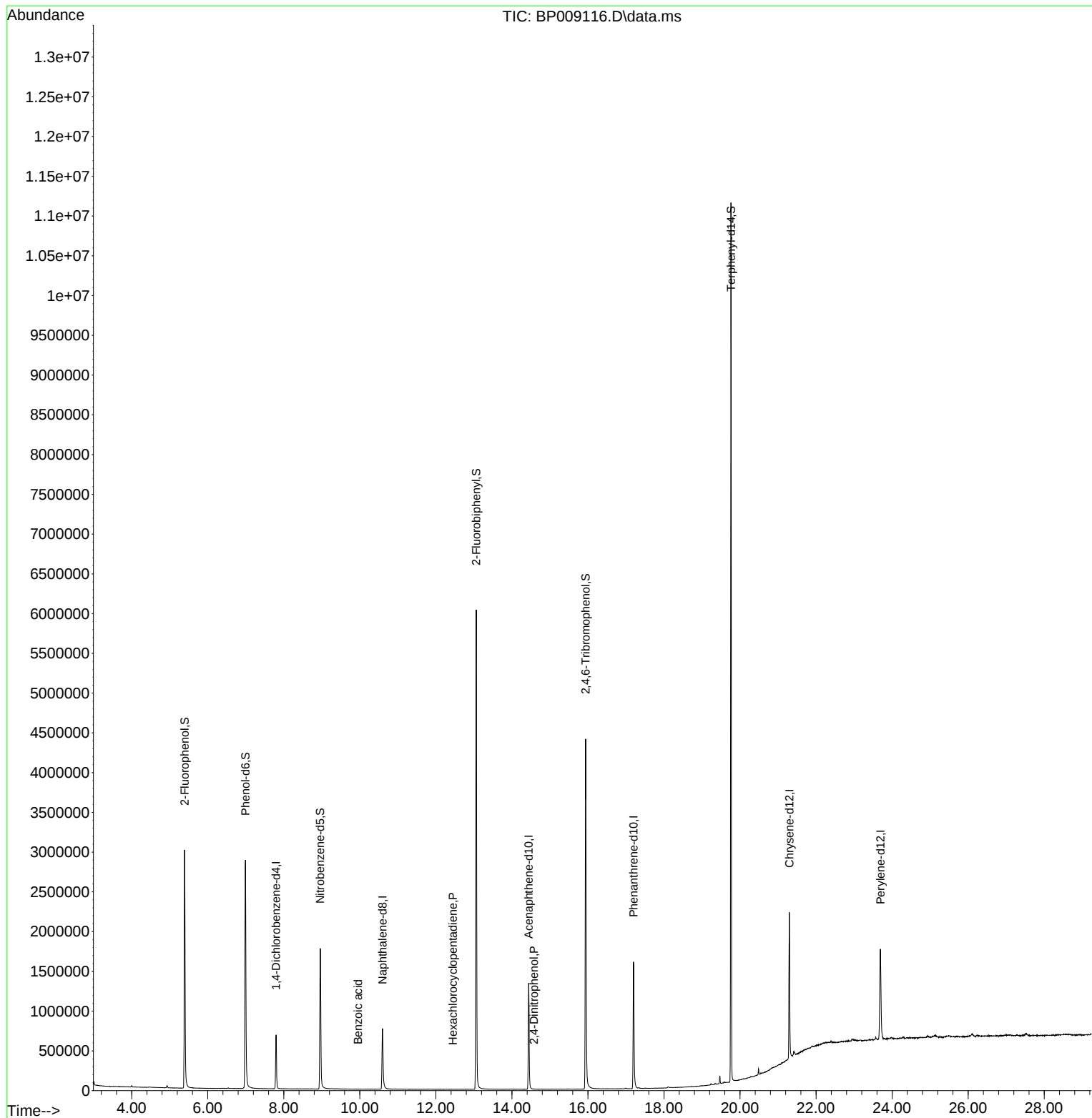
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	212658	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	837529	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	573019	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1176852	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1079570	20.000	ng	0.00
86) Perylene-d12	23.692	264	1018540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1576861	132.269	ng	0.00
7) Phenol-d6	6.993	99	2009784	127.941	ng	0.00
23) Nitrobenzene-d5	8.957	82	1219471	82.111	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	1065409	139.254	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3465061	84.652	ng	0.00
79) Terphenyl-d14	19.763	244	5295687	88.215	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.951	122	31	2.693	ng	# 1
41) Hexachlorocyclopentadiene	12.451	237	35	8.660	ng	89
54) 2,4-Dinitrophenol	14.581	184	49	2.180	ng	# 46

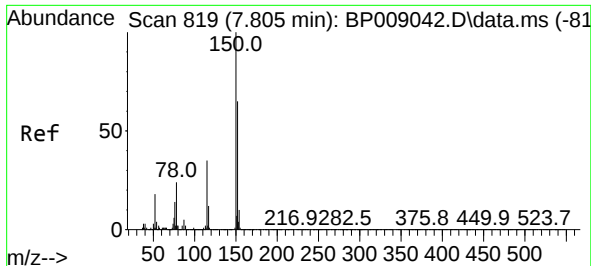
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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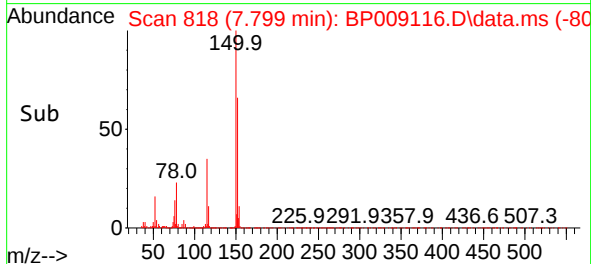
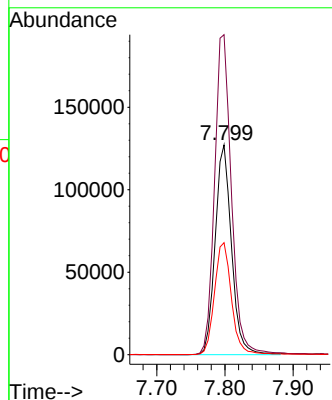
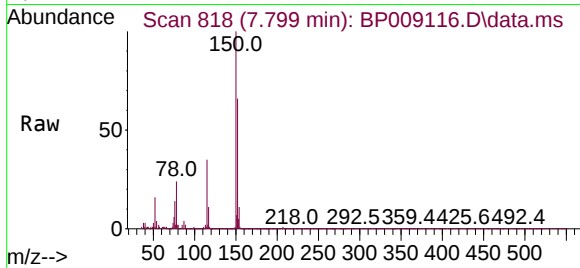




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

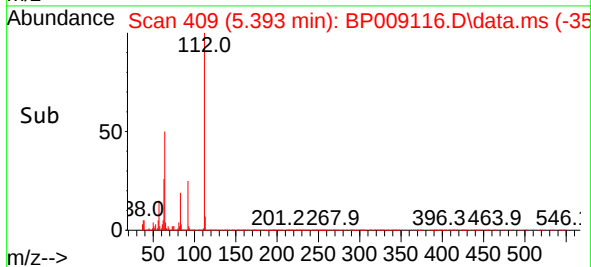
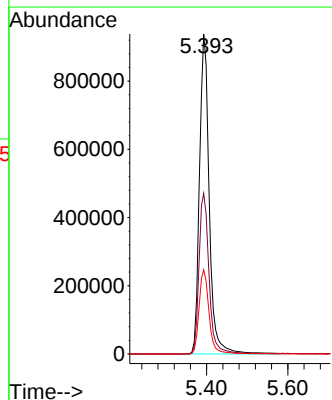
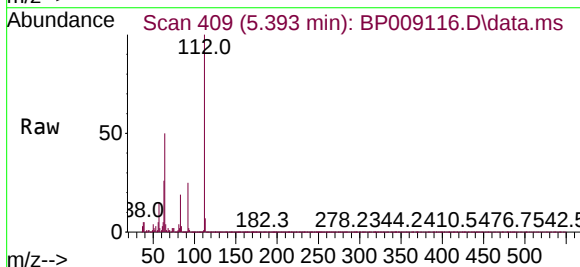
Instrument :
BNA_P
ClientSampleId :
PB142544BL

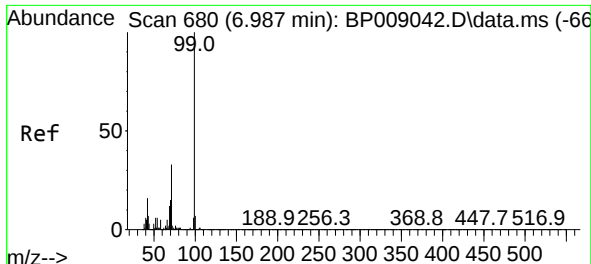
Tgt Ion:152 Resp: 212658
Ion Ratio Lower Upper
152 100
150 152.6 127.0 190.6
115 53.4 43.7 65.5



#5
2-Fluorophenol
Concen: 132.269 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

Tgt Ion:112 Resp: 1576861
Ion Ratio Lower Upper
112 100
64 50.2 39.7 59.5
63 26.3 20.0 30.0

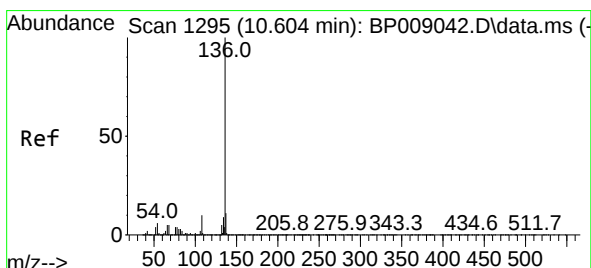
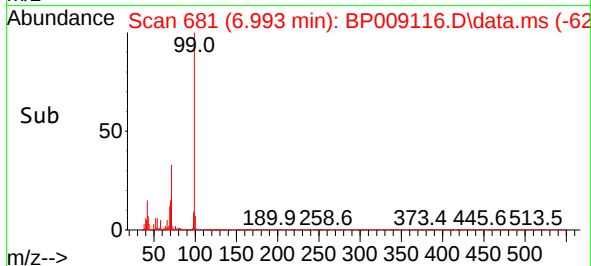
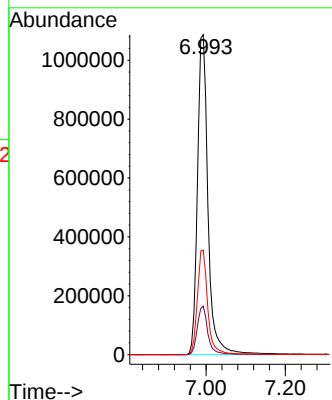
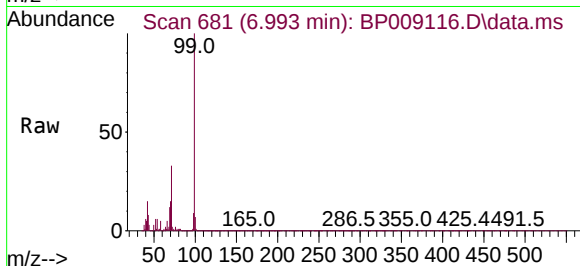




#7
Phenol-d6
Concen: 127.941 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

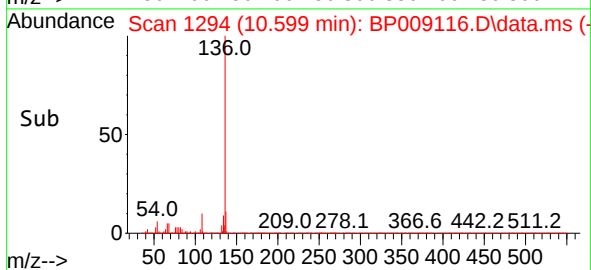
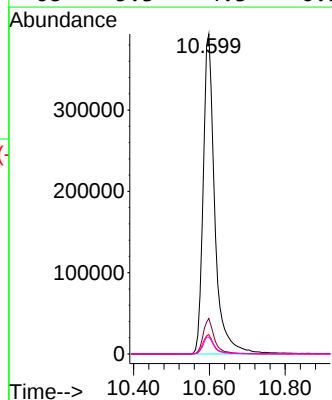
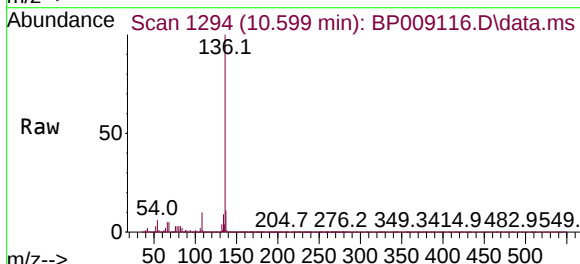
Instrument :
BNA_P
ClientSampleId :
PB142544BL

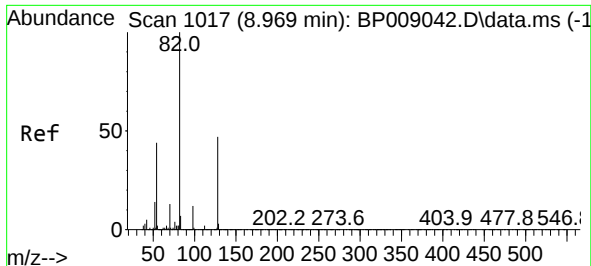
Tgt Ion: 99 Resp: 2009784
Ion Ratio Lower Upper
99 100
42 15.2 10.8 16.2
71 32.7 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

Tgt Ion: 136 Resp: 837529
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.1 4.9 7.3
68 5.3 4.3 6.5

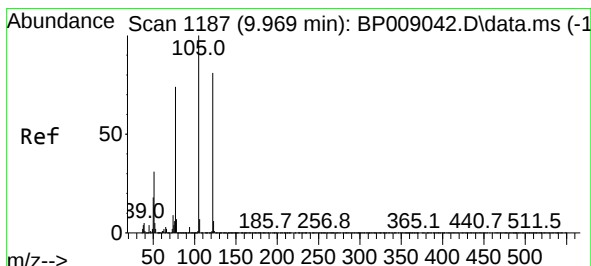
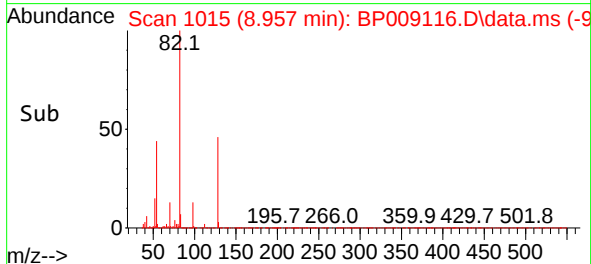
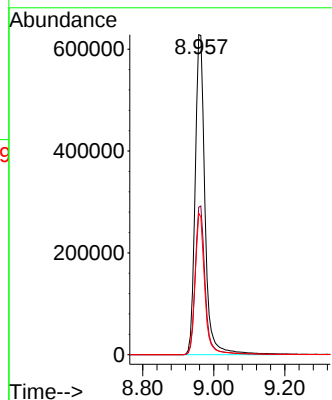
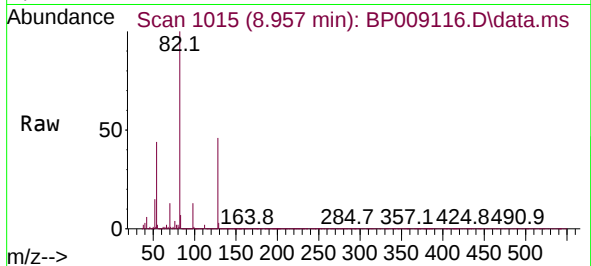




#23
Nitrobenzene-d5
Concen: 82.111 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

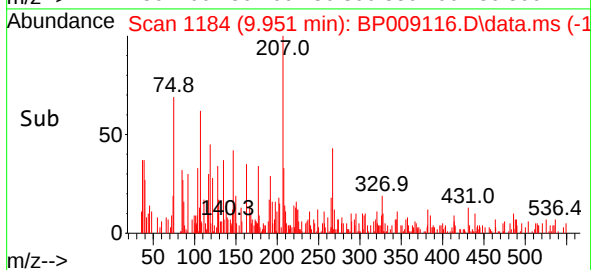
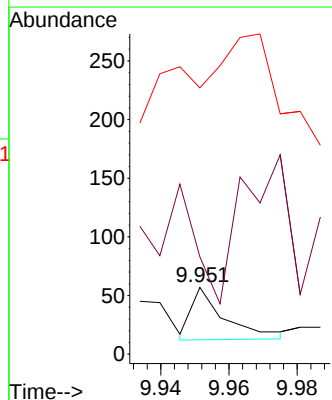
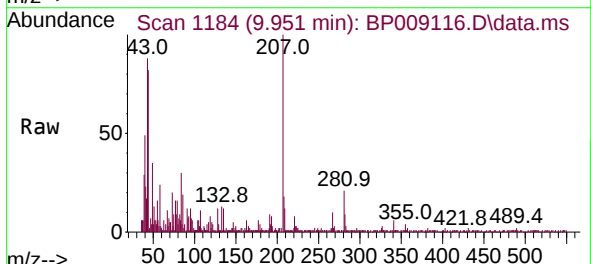
Instrument :
BNA_P
ClientSampleId :
PB142544BL

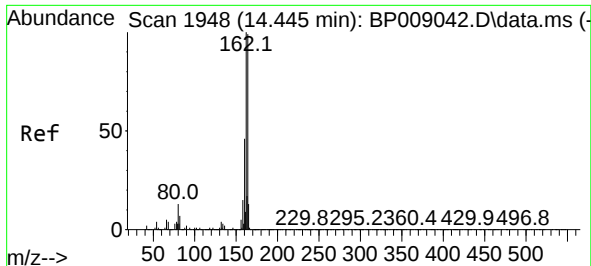
Tgt Ion: 82 Resp: 1219471
Ion Ratio Lower Upper
82 100
128 46.1 39.4 59.2
54 44.2 32.6 48.8



#32
Benzoic acid
Concen: 2.693 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

Tgt Ion: 122 Resp: 31
Ion Ratio Lower Upper
122 100
105 145.6 100.1 140.1#
77 398.2 65.5 105.5#

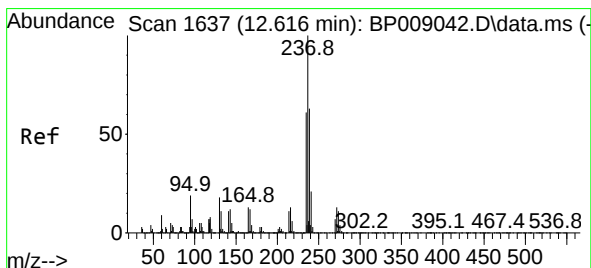
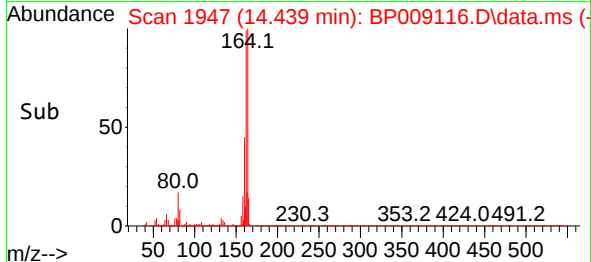
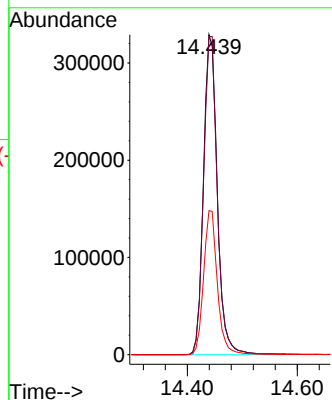
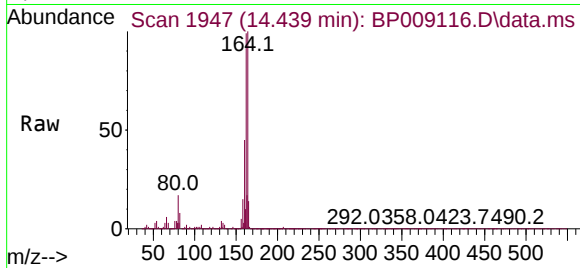




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

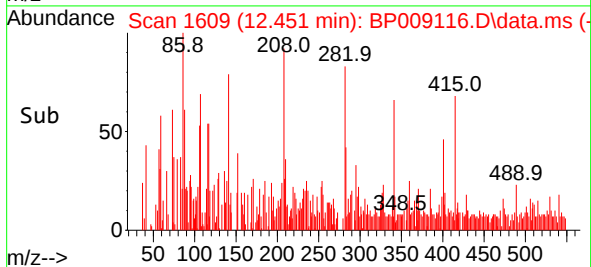
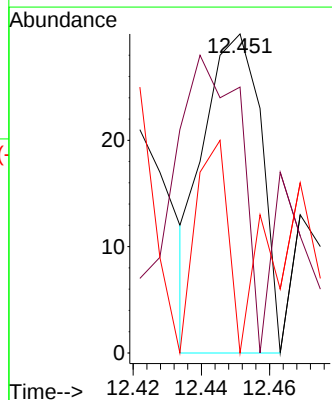
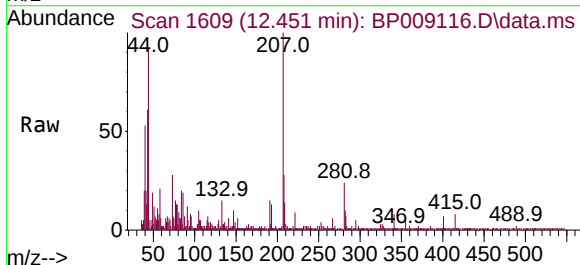
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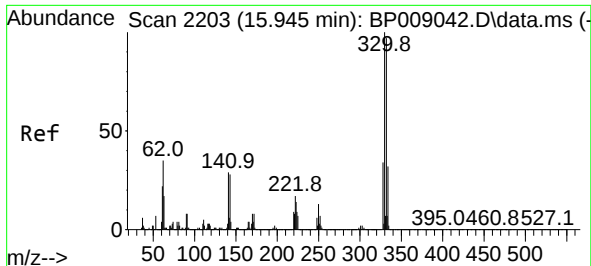
Tgt Ion:164 Resp: 573019
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 45.0 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.165 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

Tgt Ion:237 Resp: 35
Ion Ratio Lower Upper
237 100
235 67.6 42.9 82.9
272 0.0 0.0 33.8

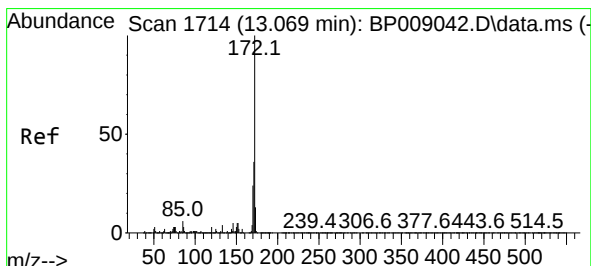
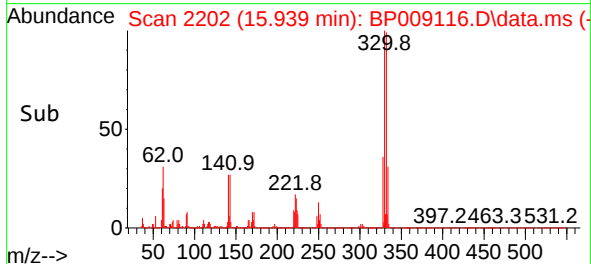
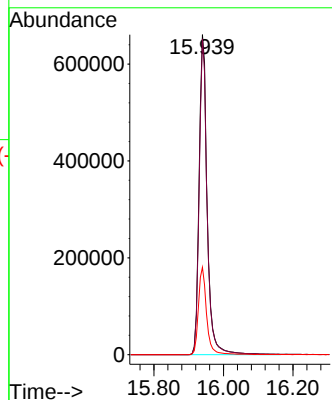
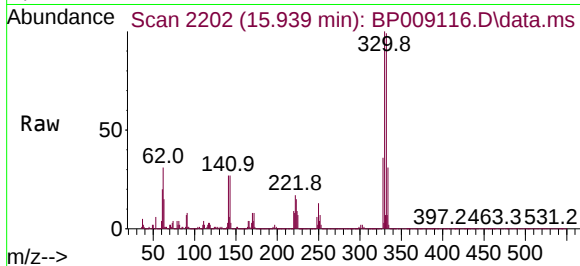




#42
2,4,6-Tribromophenol
Concen: 139.254 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

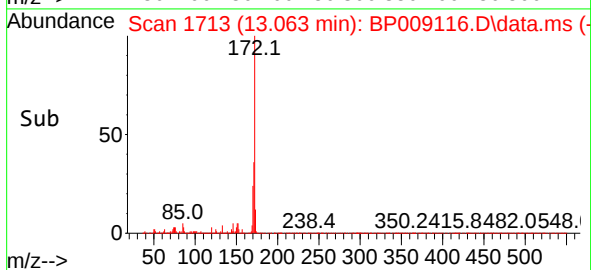
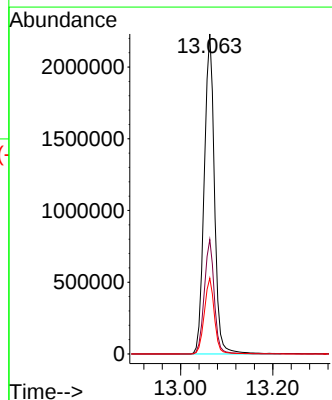
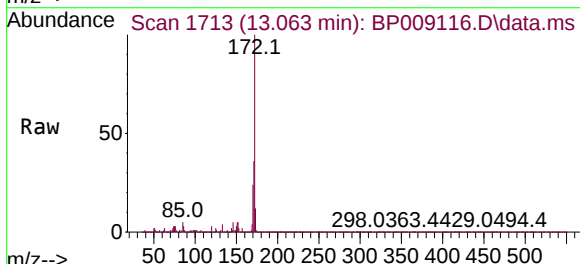
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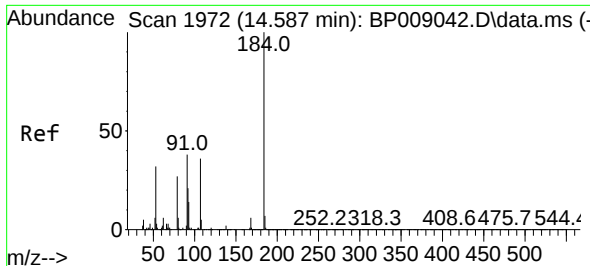
Tgt Ion:330 Resp: 1065409
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 27.7 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 84.652 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

Tgt Ion:172 Resp: 3465061
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.7 19.5 29.3

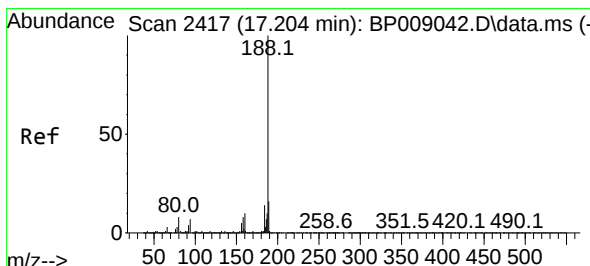
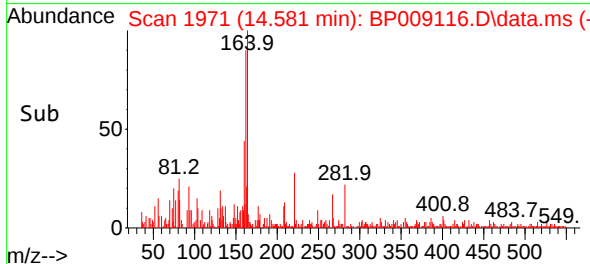
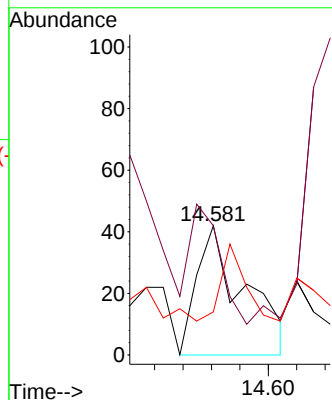
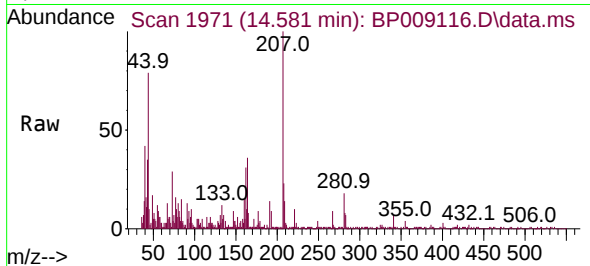




#54
2,4-Dinitrophenol
Concen: 2.180 ng
RT: 14.581 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

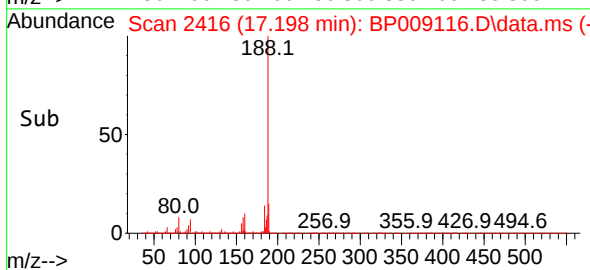
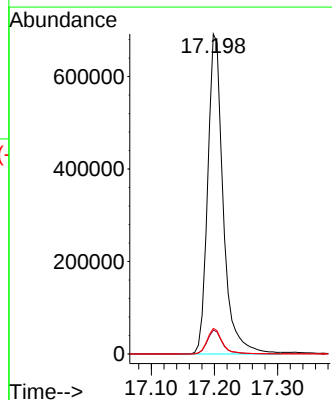
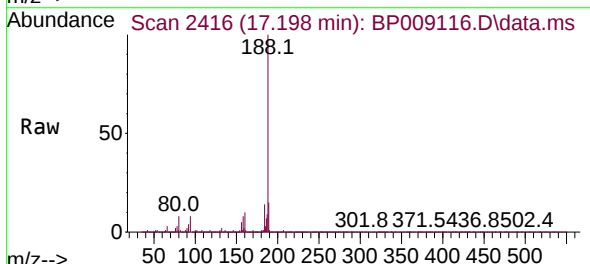
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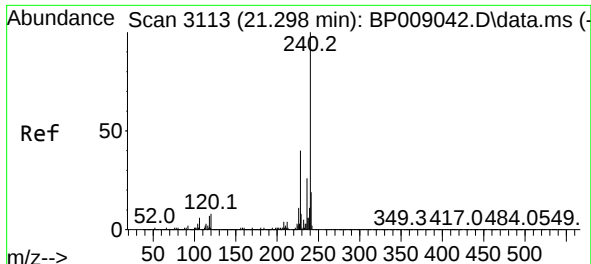
Tgt Ion:184 Resp: 49
Ion Ratio Lower Upper
184 100
63 100.0 35.6 53.4#
154 33.3 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

Tgt Ion:188 Resp: 1176852
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 8.0 7.2 10.8

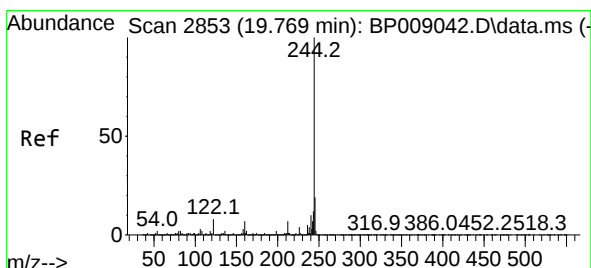
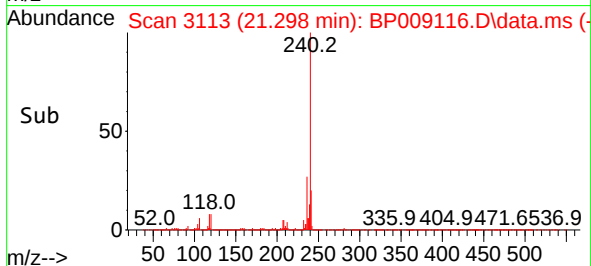
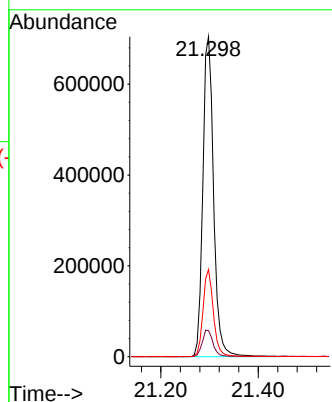
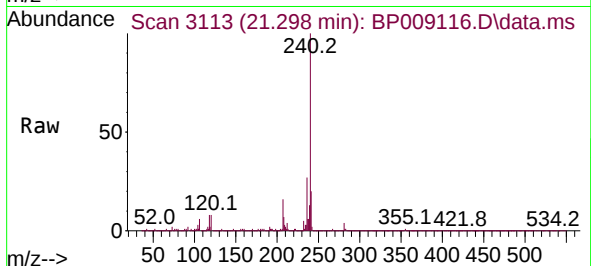




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

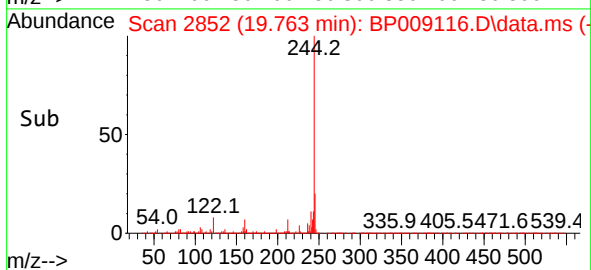
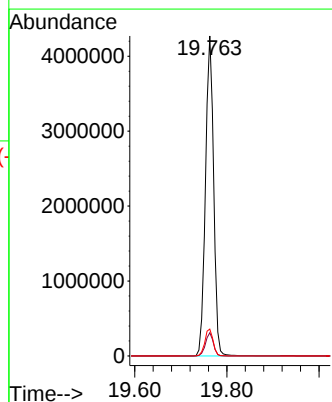
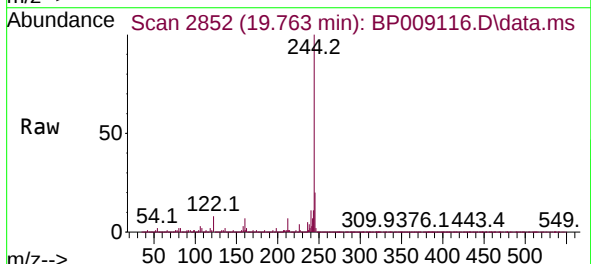
Instrument :
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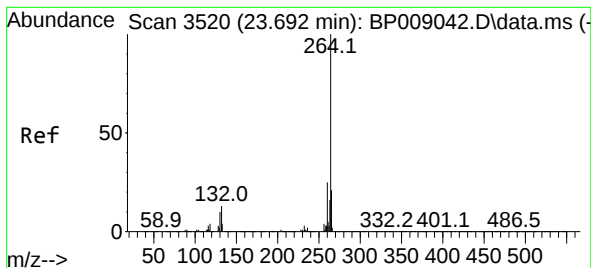
Tgt Ion:240 Resp: 1079570
Ion Ratio Lower Upper
240 100
120 8.1 7.7 11.5
236 27.3 21.2 31.8



#79
Terphenyl-d14
Concen: 88.215 ng
RT: 19.763 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP009116.D
Acq: 11 Feb 2022 16:47

Tgt Ion:244 Resp: 5295687
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.4 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.692 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP009116.D

Acq: 11 Feb 2022 16:47

Instrument :

BNA_P

ClientSampleId :

PB142544BL

Tgt Ion:264 Resp: 1018540

Ion Ratio Lower Upper

264 100

260 24.7 19.1 28.7

265 22.4 17.1 25.7

