

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008229.D
 Acq On : 06 Dec 2021 15:20
 Operator : CG/JU
 Sample : M4930-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1

Quant Time: Dec 06 17:15:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

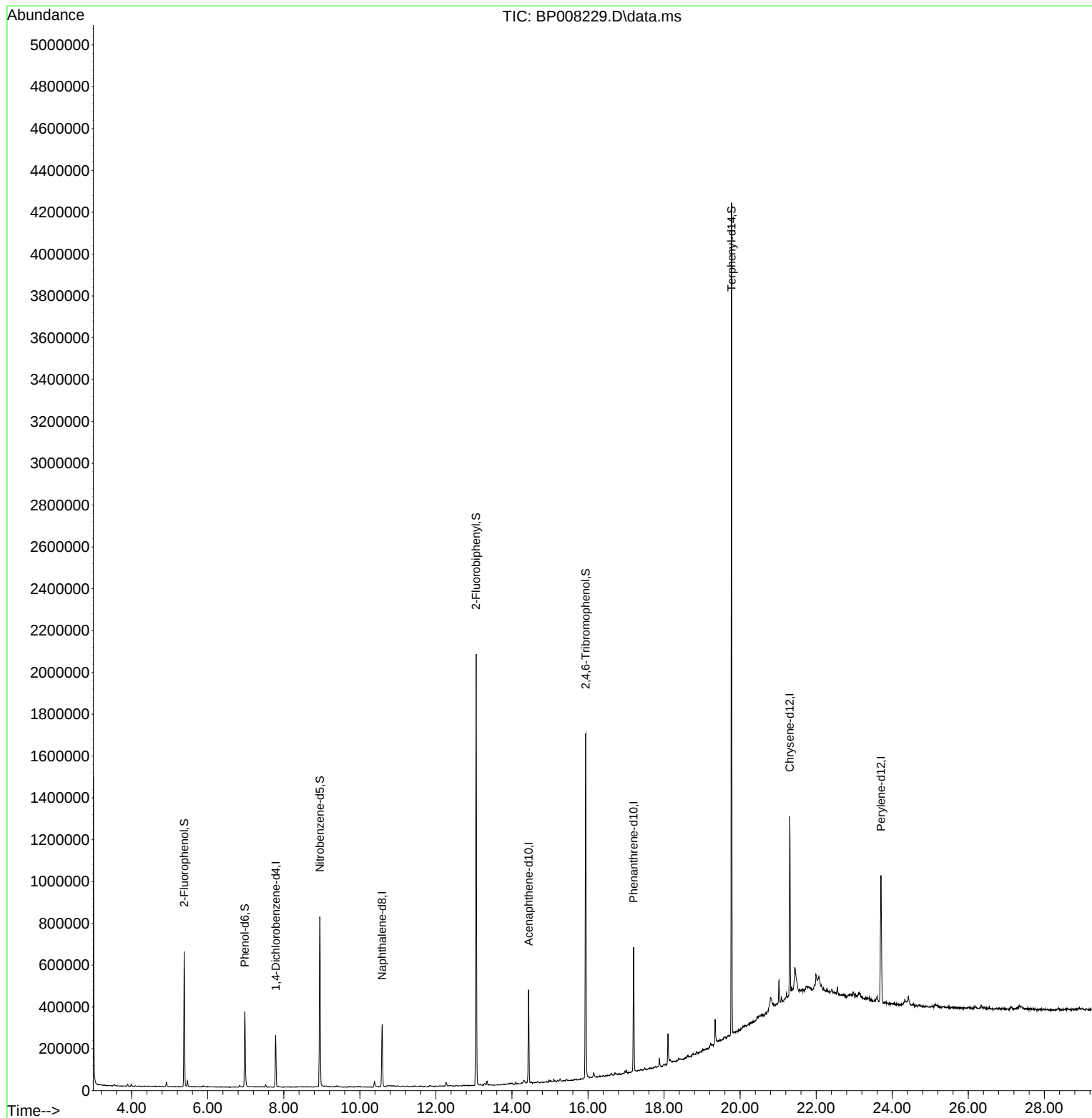
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	62714	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	233134	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	155787	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	349628	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	412214	20.000	ng	-0.01
86) Perylene-d12	23.704	264	465868	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	245932	63.140	ng	0.00
7) Phenol-d6	6.975	99	203992	38.796	ng	-0.01
23) Nitrobenzene-d5	8.946	82	487295	95.048	ng	-0.02
42) 2,4,6-Tribromophenol	15.940	330	319621	160.515	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	1006056	93.803	ng	-0.01
79) Terphenyl-d14	19.775	244	1786492	90.575	ng	0.00
Target Compounds						
9) Benzaldehyde	6.922	77	135	Below Cal	#	31
78) Pyrene	19.575	202	2585	Below Cal	#	61

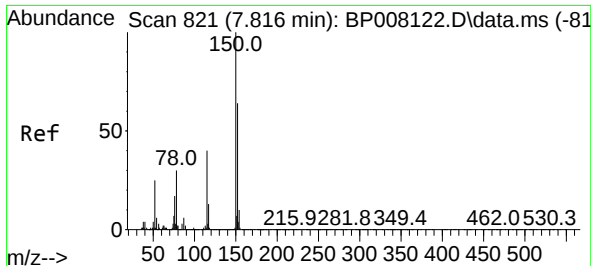
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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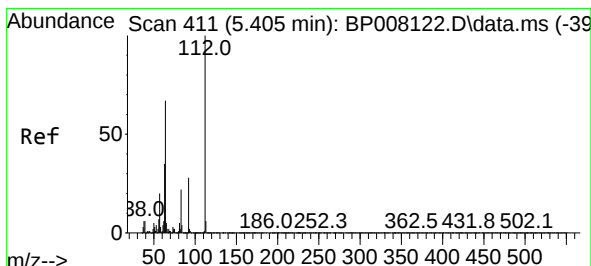
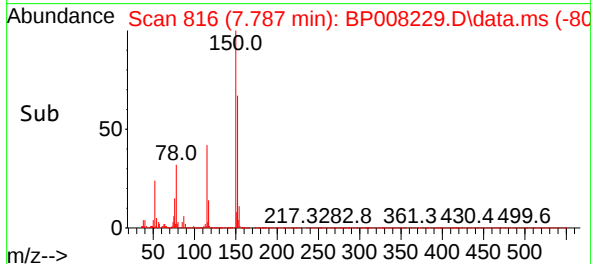
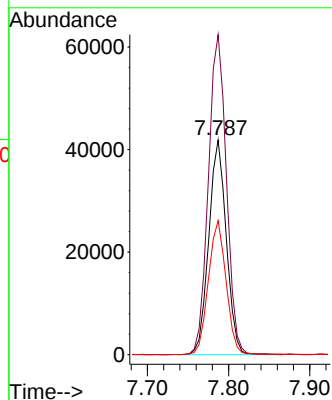
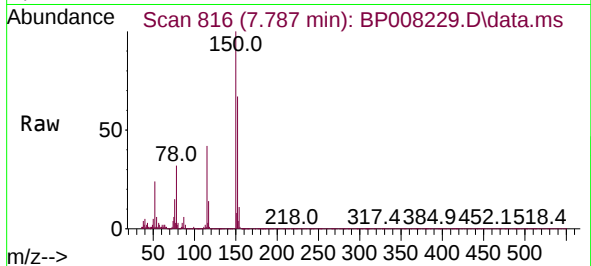




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

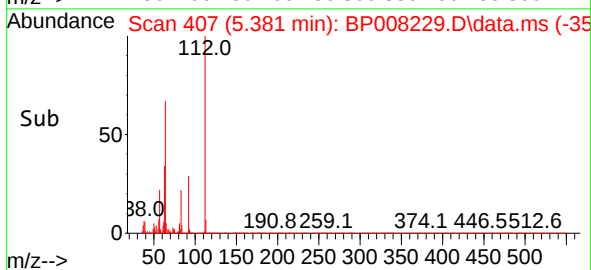
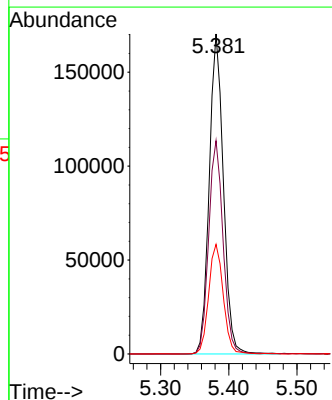
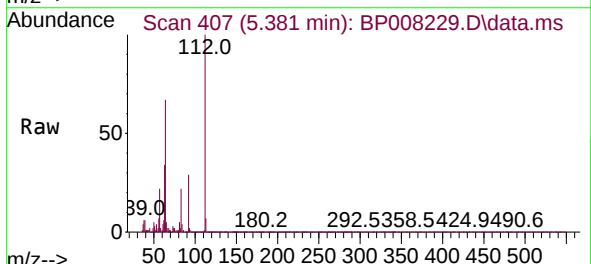
Instrument :
BNA_P
ClientSampleId :
MW-1

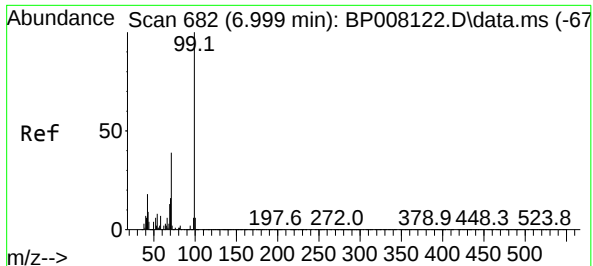
Tgt Ion:152 Resp: 62714
Ion Ratio Lower Upper
152 100
150 149.0 125.7 188.5
115 62.4 50.7 76.1



#5
2-Fluorophenol
Concen: 63.140 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

Tgt Ion:112 Resp: 245932
Ion Ratio Lower Upper
112 100
64 66.7 53.4 80.2
63 34.3 27.8 41.8

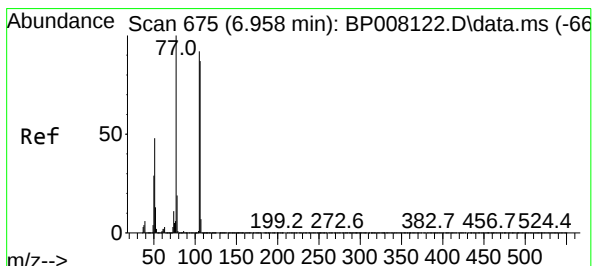
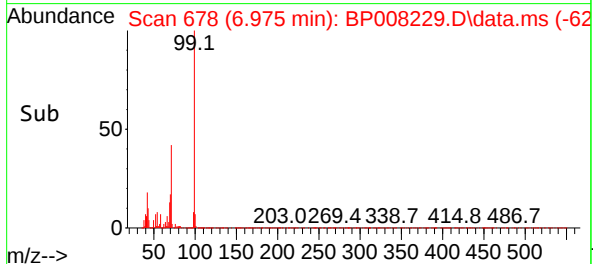
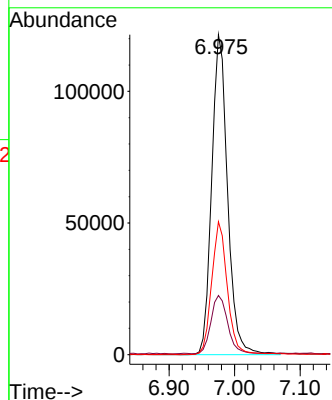
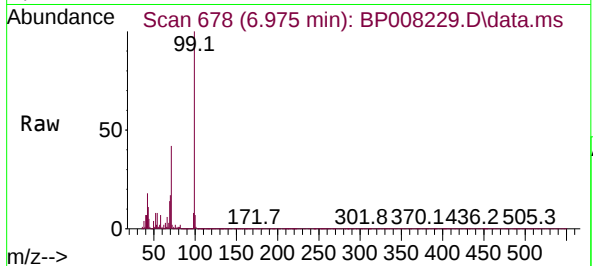




#7
Phenol-d6
Concen: 38.796 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

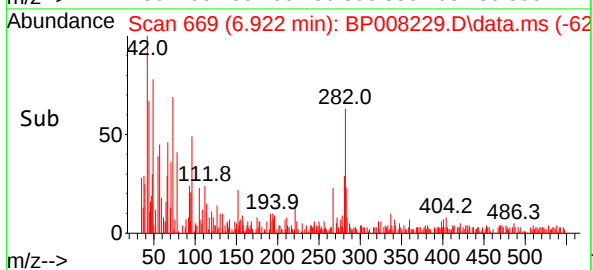
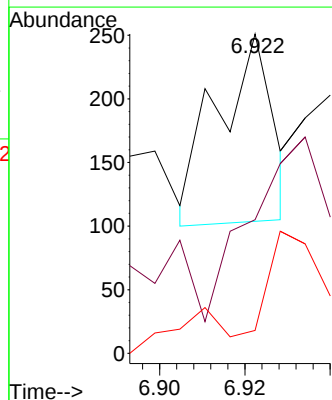
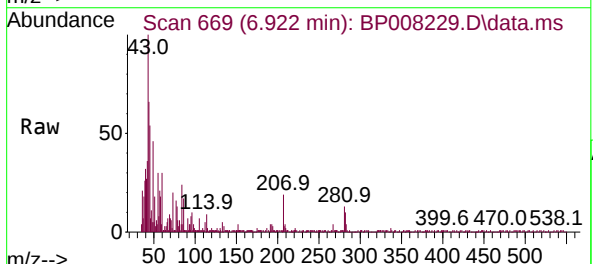
Instrument :
BNA_P
ClientSampleId :
MW-1

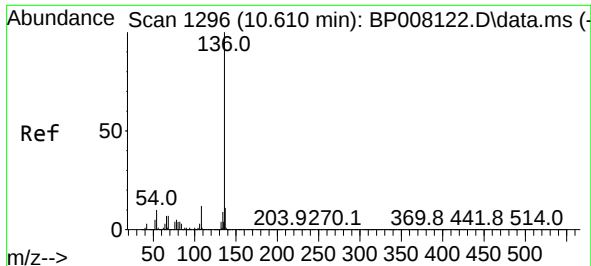
Tgt Ion: 99 Resp: 203992
Ion Ratio Lower Upper
99 100
42 18.5 14.6 22.0
71 41.6 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.922 min Scan# 669
Delta R.T. -0.018 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

Tgt Ion: 77 Resp: 135
Ion Ratio Lower Upper
77 100
105 41.8 71.8 111.8#
106 7.2 67.3 107.3#

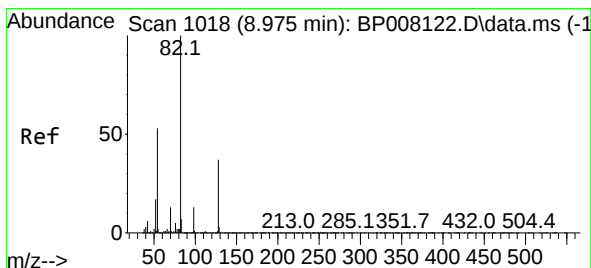
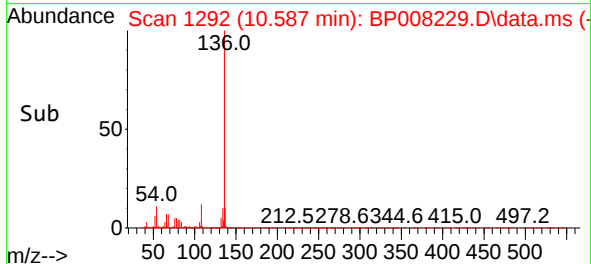
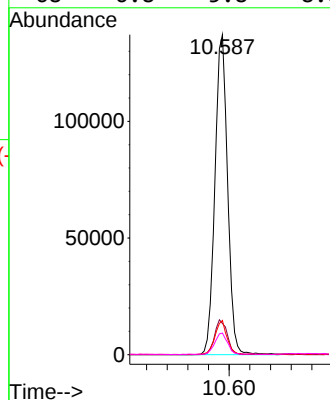
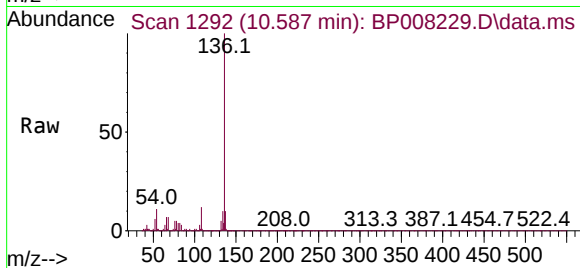




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

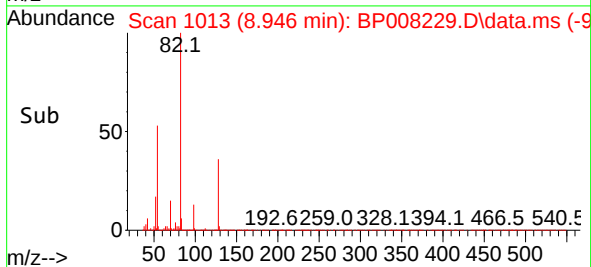
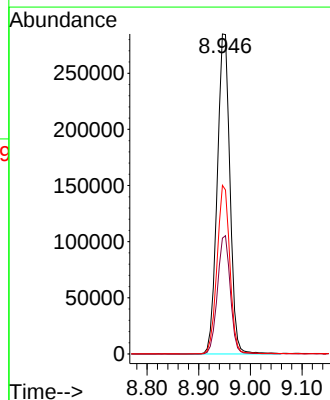
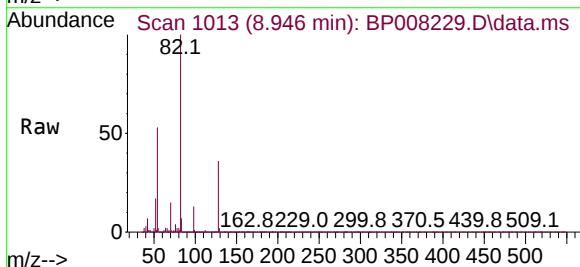
Instrument :
BNA_P
ClientSampleId :
MW-1

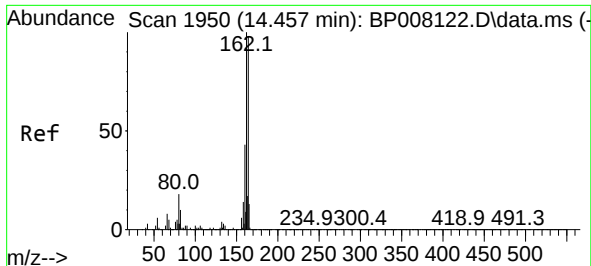
Tgt Ion:	136	Resp:	233134
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.0	13.6
54	10.7	8.2	12.4
68	6.8	5.8	8.8



#23
Nitrobenzene-d5
Concen: 95.048 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.018 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

Tgt Ion:	82	Resp:	487295
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.6	44.4
54	52.7	42.7	64.1

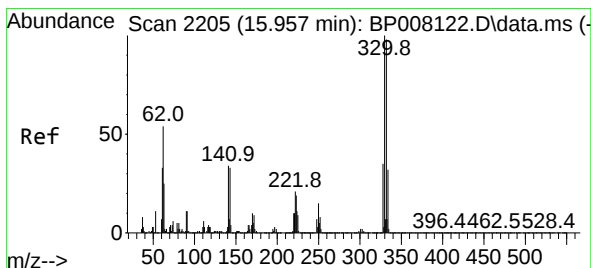
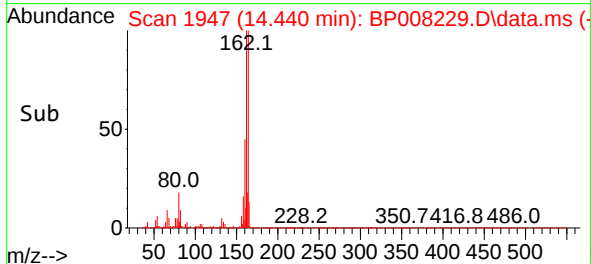
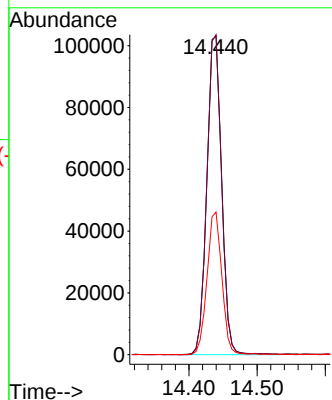
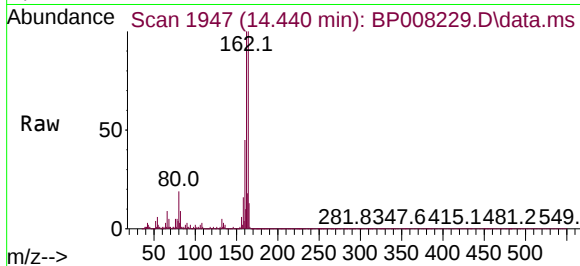




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

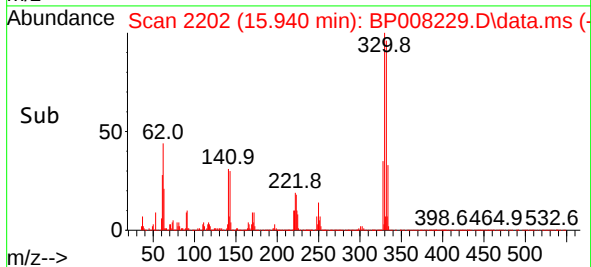
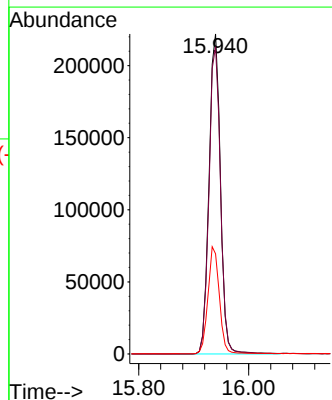
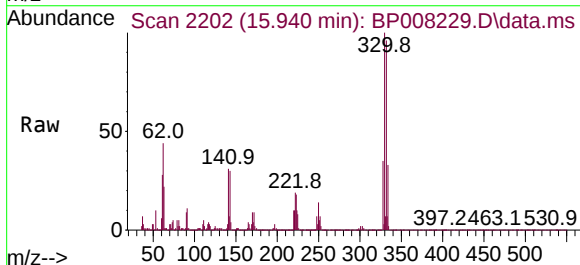
Instrument :
BNA_P
ClientSampleId :
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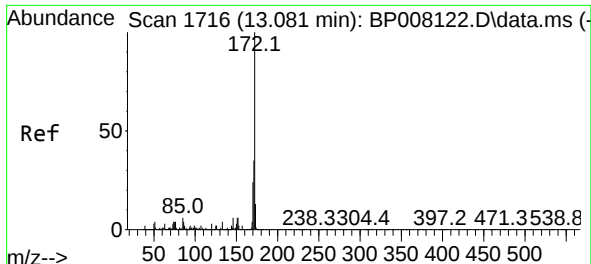
Tgt Ion:164 Resp: 155787
Ion Ratio Lower Upper
164 100
162 100.5 81.9 122.9
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 160.515 ng
RT: 15.940 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

Tgt Ion:330 Resp: 319621
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 33.4 28.4 42.6

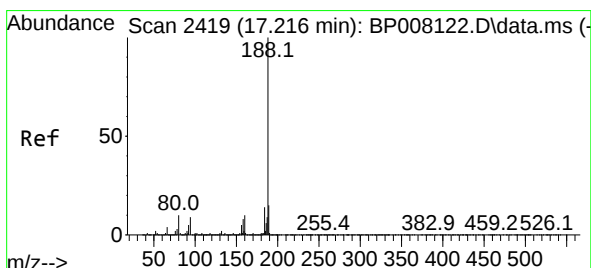
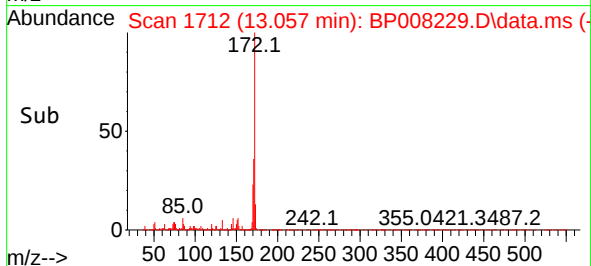
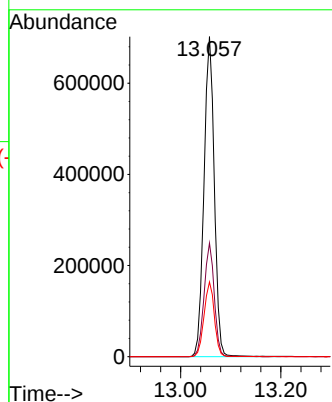
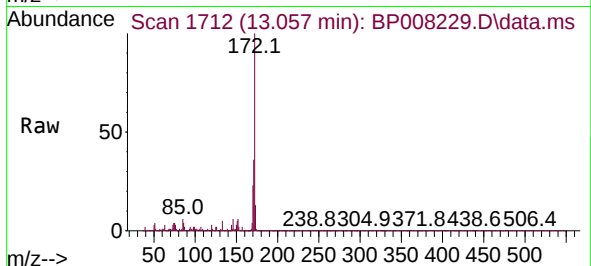




#45
2-Fluorobiphenyl
Concen: 93.803 ng
RT: 13.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

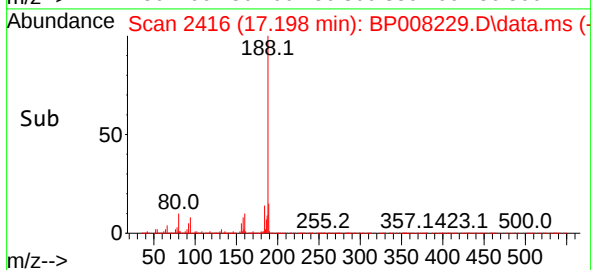
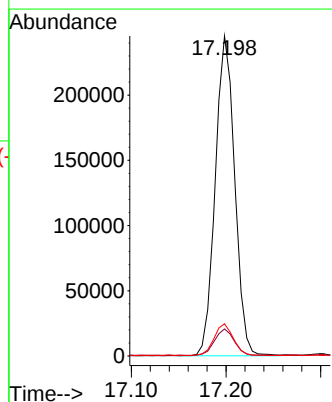
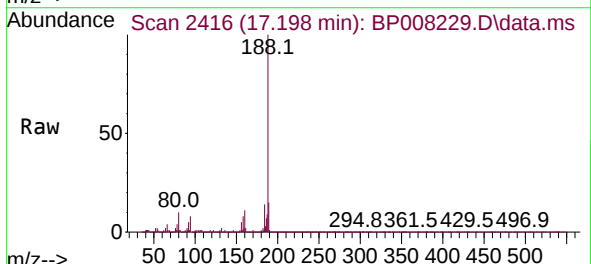
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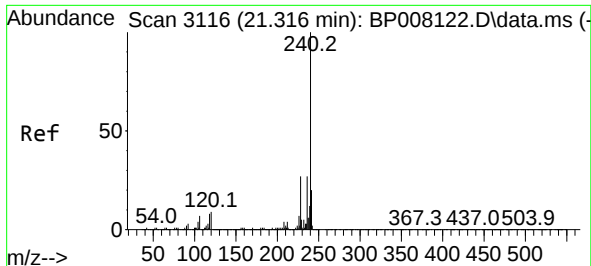
Tgt Ion:172 Resp: 1006056
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

Tgt Ion:188 Resp: 349628
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 10.1 8.2 12.4

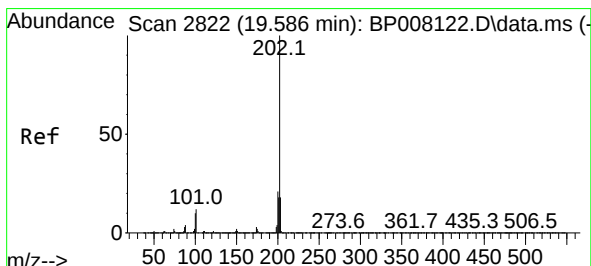
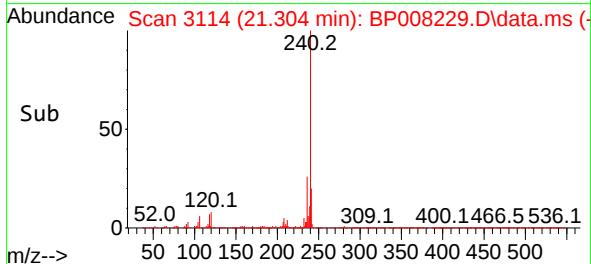
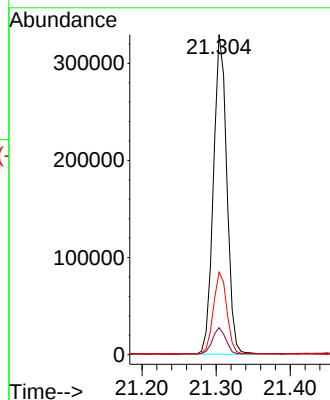
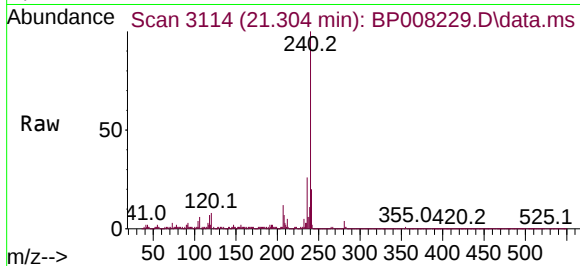




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

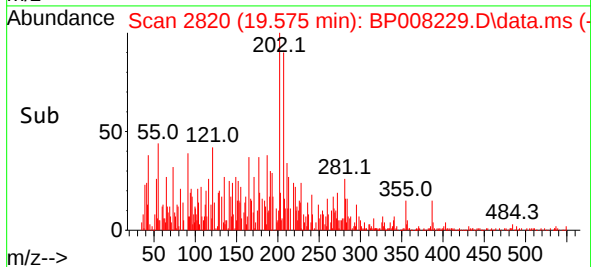
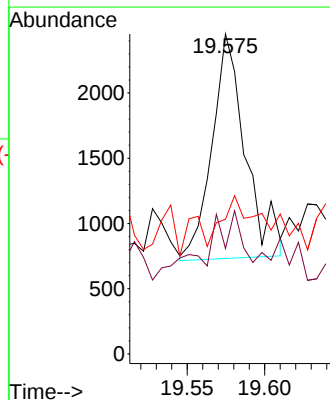
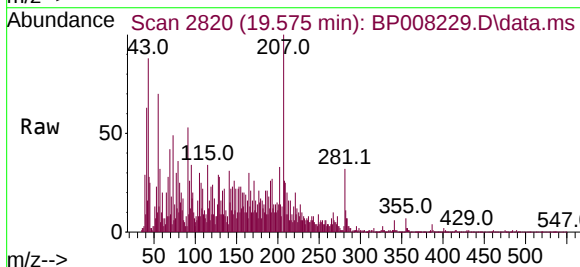
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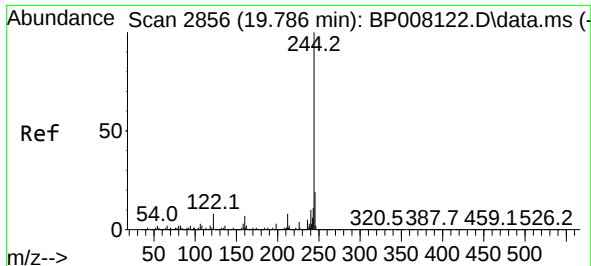
Tgt Ion:240 Resp: 412214
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 25.8 21.4 32.2



#78
Pyrene
Concen: Below Cal
RT: 19.575 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008229.D
Acq: 06 Dec 2021 15:20

Tgt Ion:202 Resp: 2585
Ion Ratio Lower Upper
202 100
200 32.9 17.1 25.7#
203 42.1 14.2 21.2#



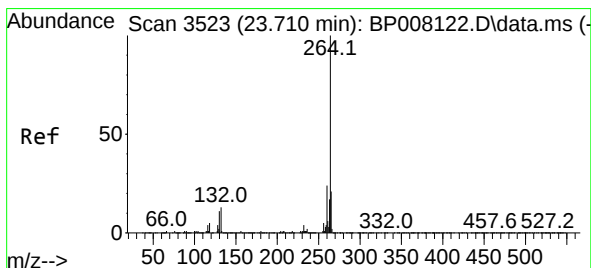
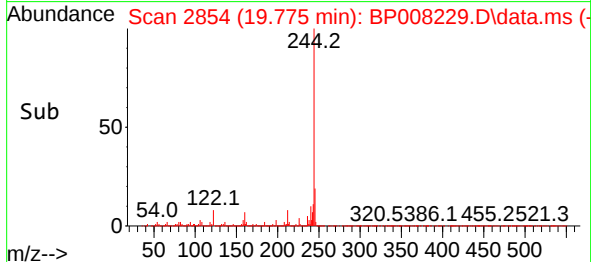
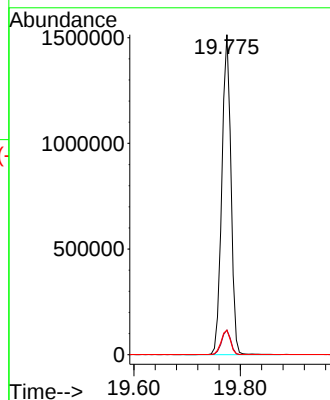
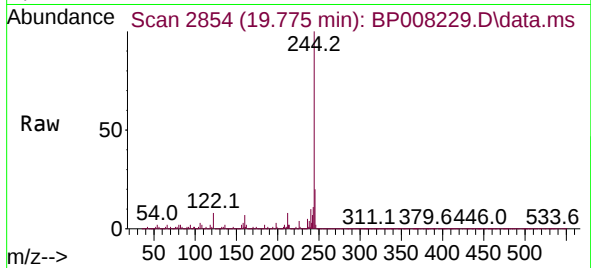


#79
 Terphenyl-d14
 Concen: 90.575 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008229.D
 Acq: 06 Dec 2021 15:20

Instrument :
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 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 1786492

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	7.7	6.6	9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 3522
 Delta R.T. -0.012 min
 Lab File: BP008229.D
 Acq: 06 Dec 2021 15:20

Tgt Ion:264 Resp: 465868

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.2	17.6	26.4

