

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
 Data File : BP008008.D
 Acq On : 18 Nov 2021 10:03
 Operator : CG/JU
 Sample : PB140849BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140849BL

Quant Time: Nov 18 10:51:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 05:36:49 2021
 Response via : Initial Calibration

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

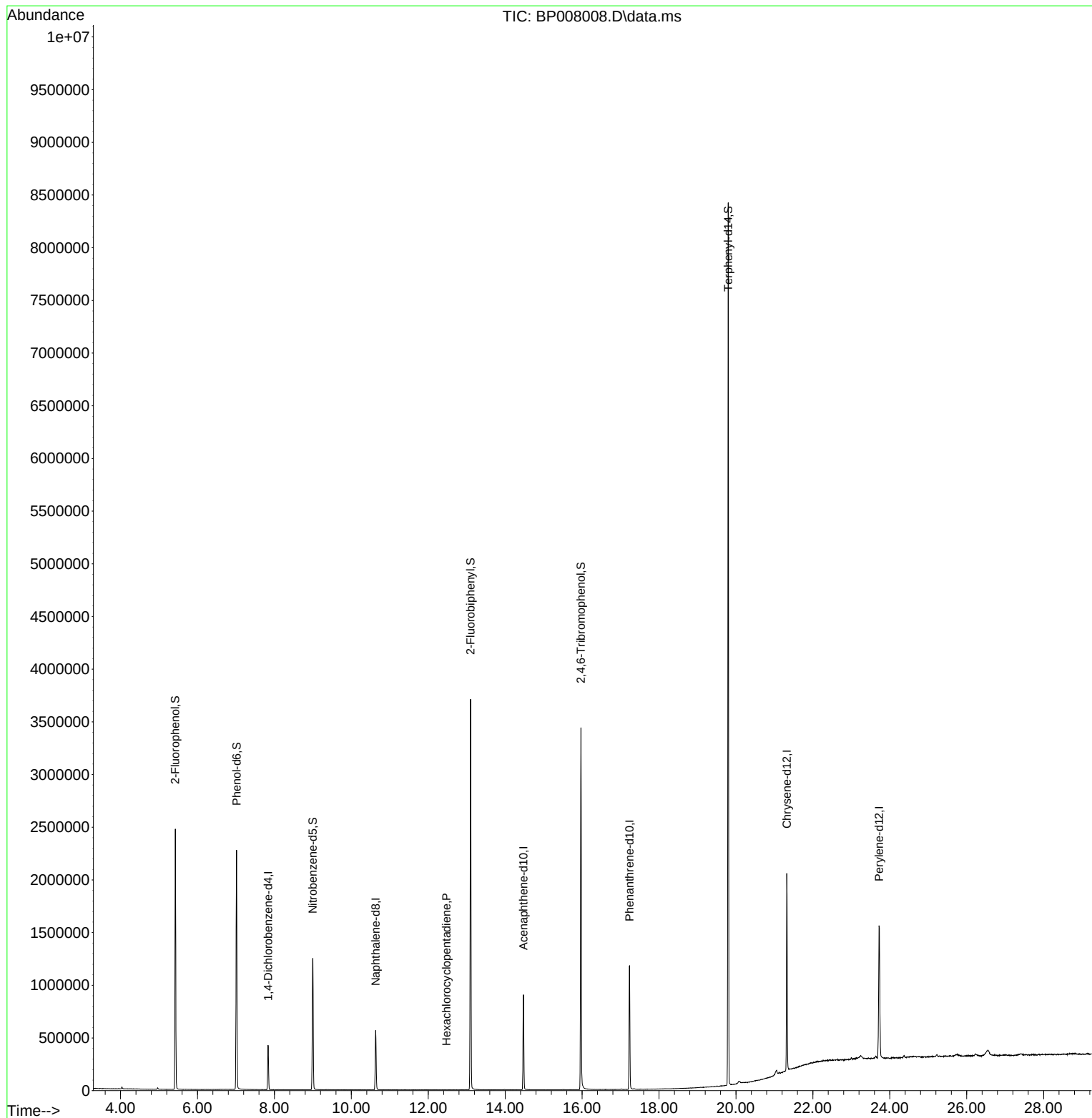
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	115944	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	463545	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	320650	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	740697	20.000	ng	# 0.00
76) Chrysene-d12	21.322	240	925665	20.000	ng	#-0.01
86) Perylene-d12	23.721	264	1071260	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1039197	145.399	ng	0.00
7) Phenol-d6	7.016	99	1277899	134.399	ng	0.00
23) Nitrobenzene-d5	8.999	82	727827	84.023	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	689611	136.691	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	1863952	81.541	ng	0.00
79) Terphenyl-d14	19.798	244	3721798	81.528	ng	0.00
Target Compounds						
9) Benzaldehyde	7.011	77	2755	Below Cal	#	4
16) 2,2'-oxybis(1-Chloropr...	8.369	45	259	Below Cal	#	11
41) Hexachlorocyclopentadiene	12.475	237	12	3.071	ng	84

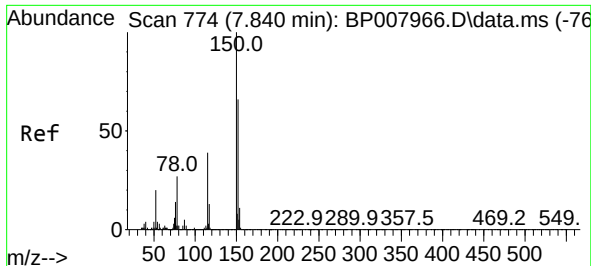
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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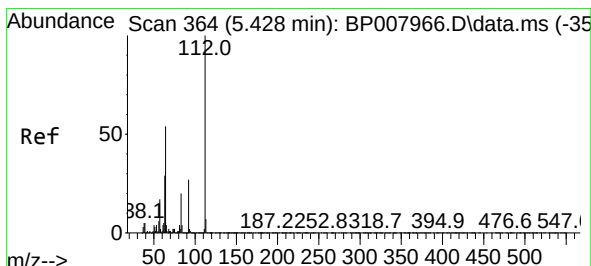
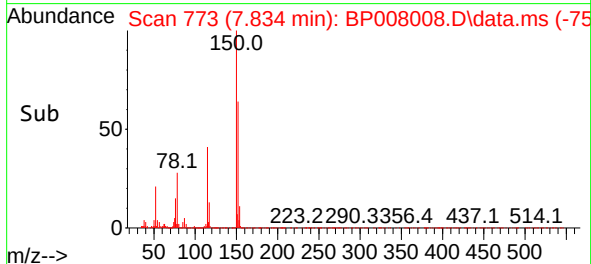
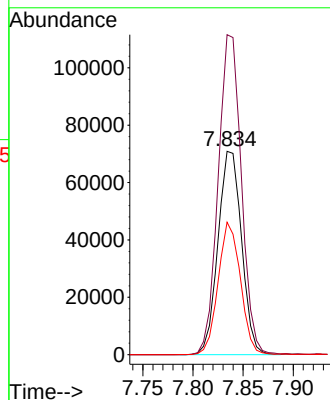
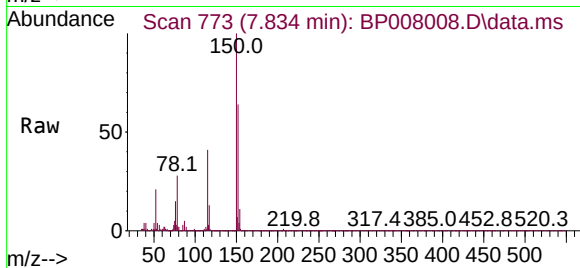




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP008008.D
 Acq: 18 Nov 2021 10:03

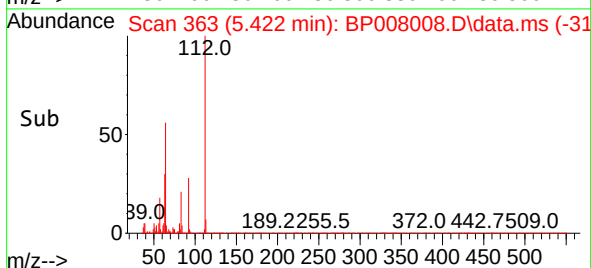
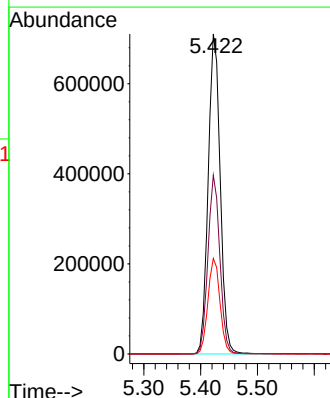
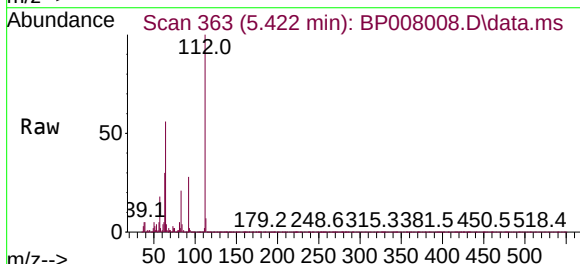
Instrument :
 BNA_P
 ClientSampleId :
 PB140849BL

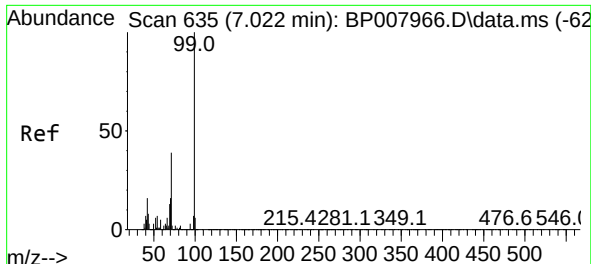
Tgt Ion:152 Resp: 115944
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.1 186.1
 115 65.1 48.1 72.1



#5
 2-Fluorophenol
 Concen: 145.399 ng
 RT: 5.422 min Scan# 363
 Delta R.T. -0.006 min
 Lab File: BP008008.D
 Acq: 18 Nov 2021 10:03

Tgt Ion:112 Resp: 1039197
 Ion Ratio Lower Upper
 112 100
 64 55.9 46.6 70.0
 63 29.8 25.0 37.6

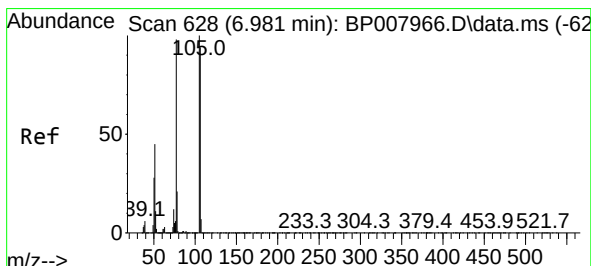
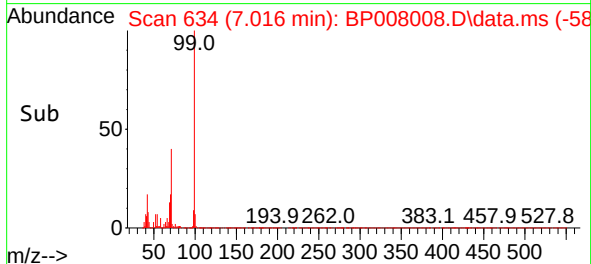
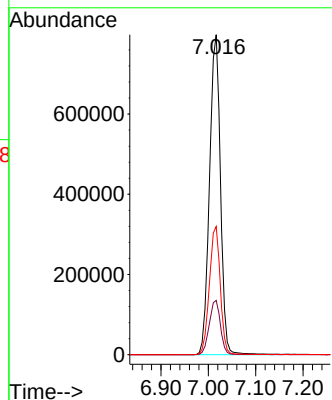
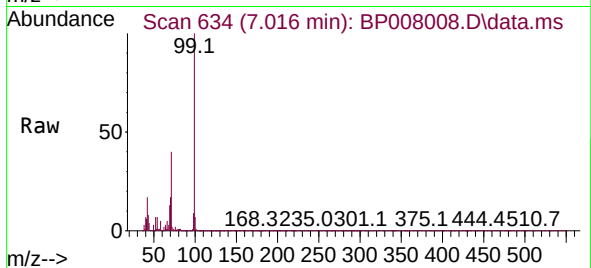




#7
Phenol-d6
Concen: 134.399 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

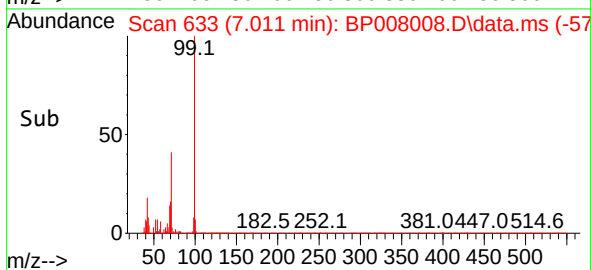
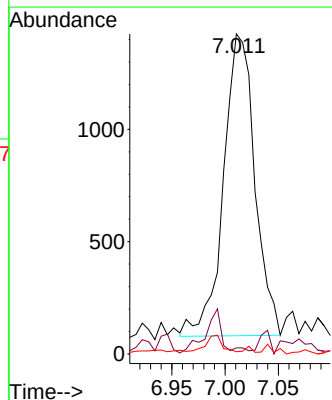
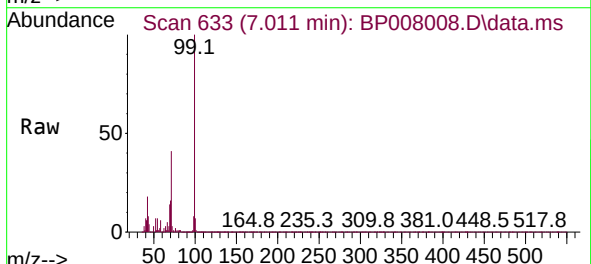
Instrument :
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ClientSampleId :
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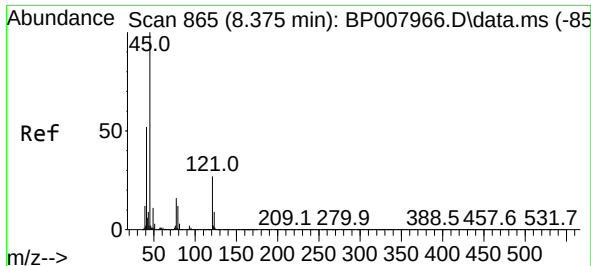
Tgt Ion: 99 Resp: 1277899
Ion Ratio Lower Upper
99 100
42 17.0 14.9 22.3
71 40.1 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.011 min Scan# 633
Delta R.T. 0.030 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

Tgt Ion: 77 Resp: 2755
Ion Ratio Lower Upper
77 100
105 1.9 77.5 117.5#
106 0.7 72.1 112.1#

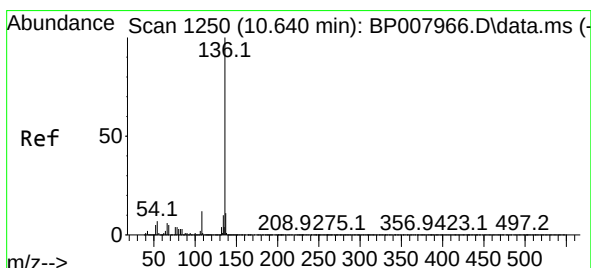
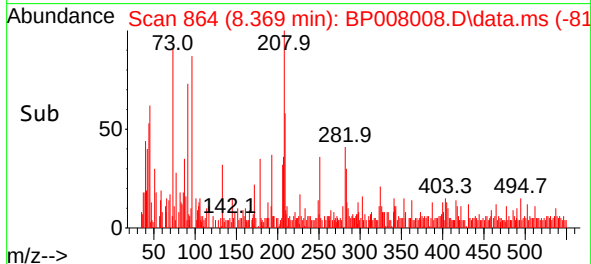
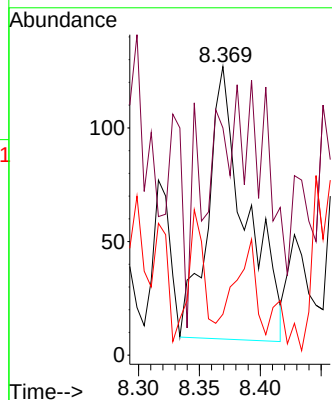
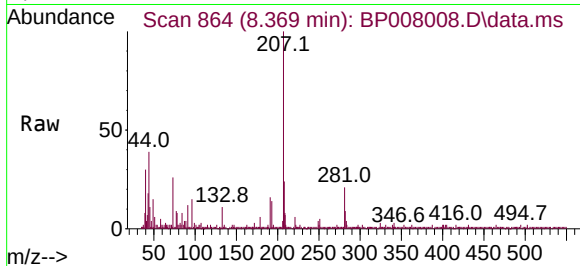




#16
2,2'-oxybis(1-Chloropropane)
Concen: Below Cal
RT: 8.369 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

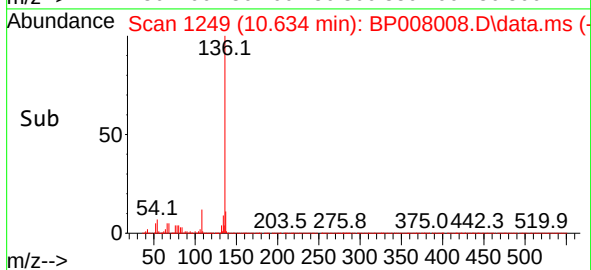
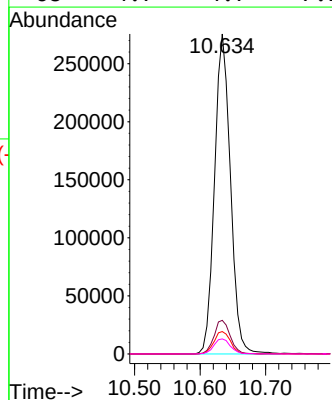
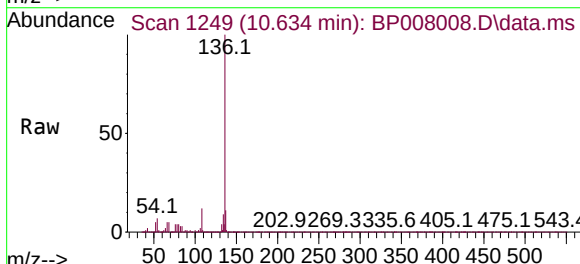
Instrument :
BNA_P
ClientSampleId :
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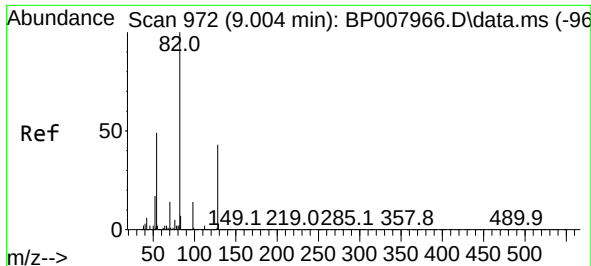
Tgt Ion: 45 Resp: 259
Ion Ratio Lower Upper
45 100
77 78.7 0.0 34.9#
79 14.2 0.0 31.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

Tgt Ion:136 Resp: 463545
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.0 6.2 9.4
68 4.7 4.7 7.1

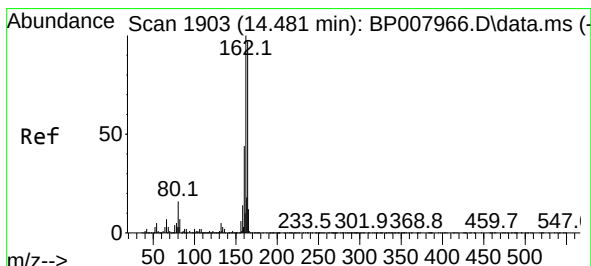
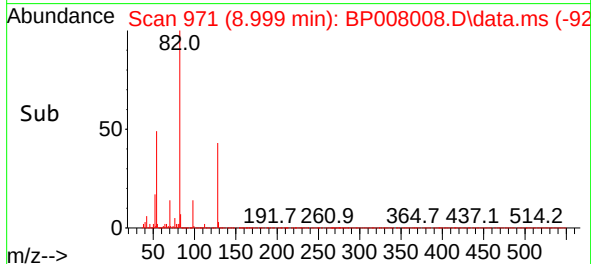
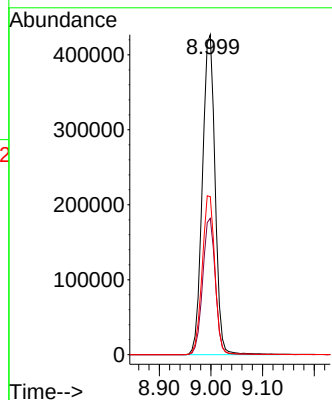
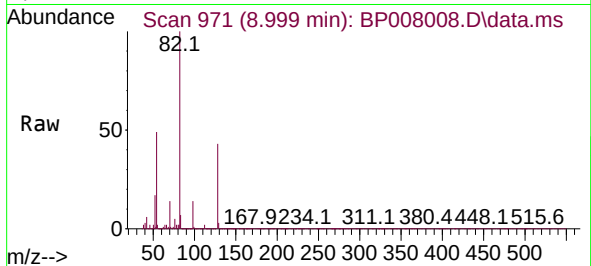




#23
Nitrobenzene-d5
Concen: 84.023 ng
RT: 8.999 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

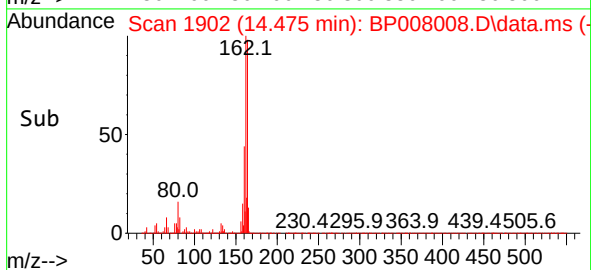
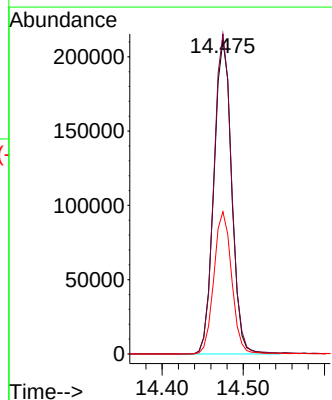
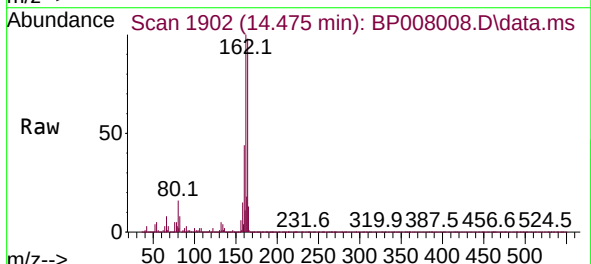
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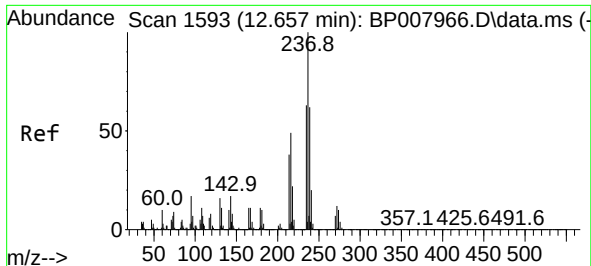
Tgt Ion: 82 Resp: 727827
Ion Ratio Lower Upper
82 100
128 42.6 32.6 48.8
54 49.4 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

Tgt Ion:164 Resp: 320650
Ion Ratio Lower Upper
164 100
162 102.0 81.1 121.7
160 45.3 36.0 54.0

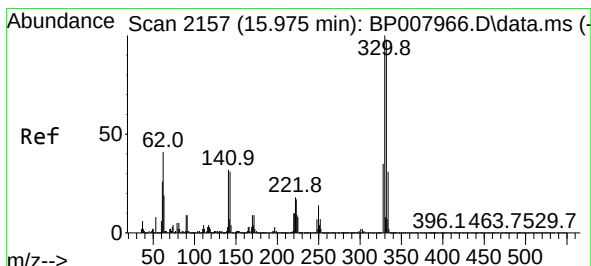
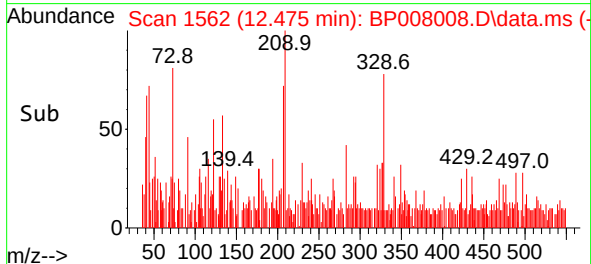
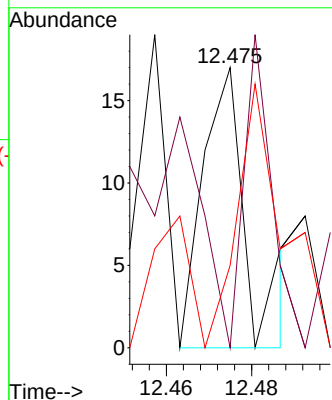
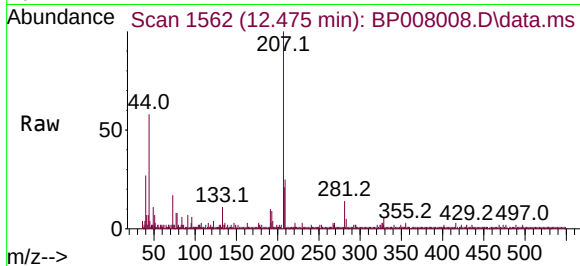




#41
Hexachlorocyclopentadiene
Concen: 3.071 ng
RT: 12.475 min Scan# 11
Delta R.T. -0.182 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

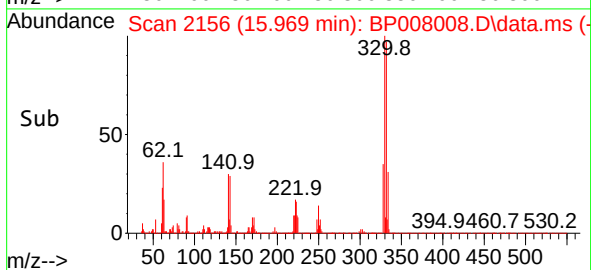
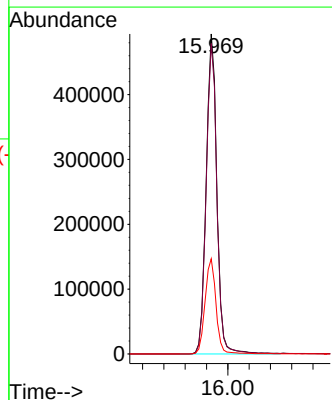
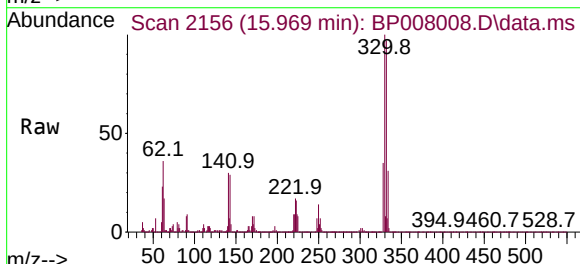
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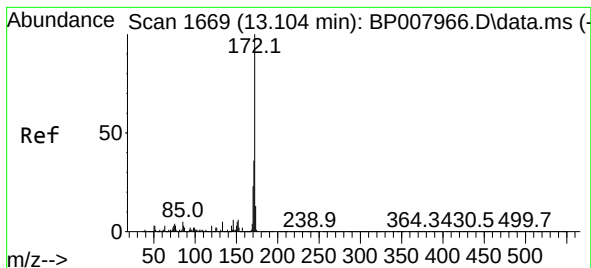
Tgt Ion:237	Resp:	12
Ion	Ratio	Lower Upper
237	100	
235	52.9	41.2 81.2
272	29.4	0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 136.691 ng
RT: 15.969 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

Tgt Ion:330	Resp:	689611
Ion	Ratio	Lower Upper
330	100	
332	97.0	78.9 118.3
141	30.5	30.7 46.1#

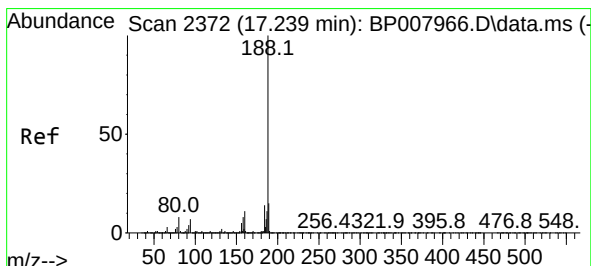
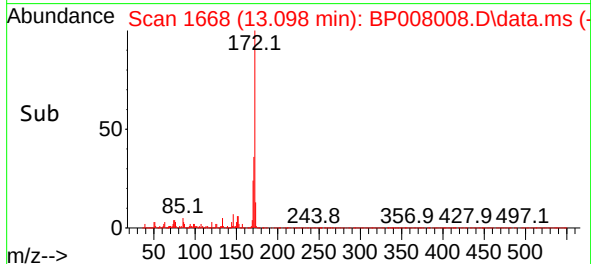
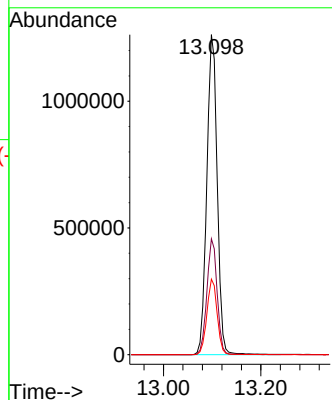
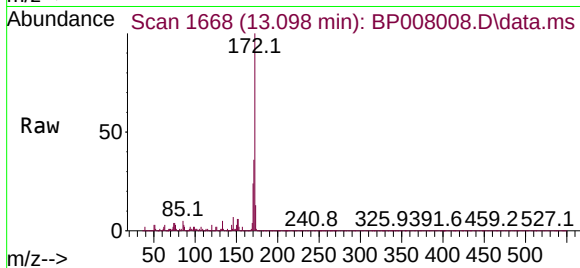




#45
2-Fluorobiphenyl
Concen: 81.541 ng
RT: 13.098 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

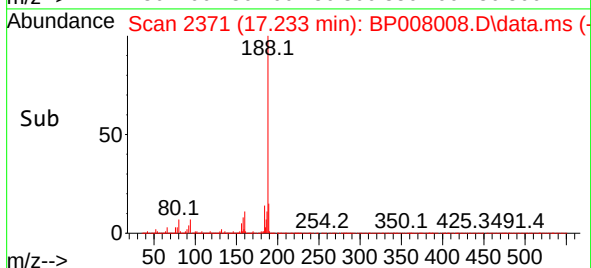
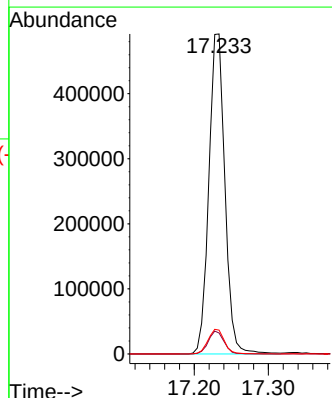
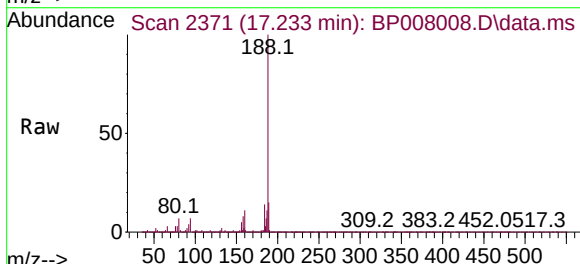
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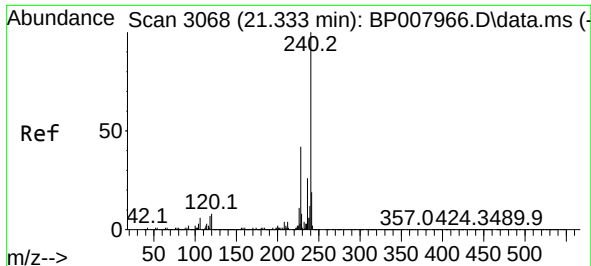
Tgt Ion:172 Resp: 1863952
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 23.6 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2371
Delta R.T. -0.006 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

Tgt Ion:188 Resp: 740697
Ion Ratio Lower Upper
188 100
94 6.6 7.1 10.7#
80 7.4 7.8 11.6#

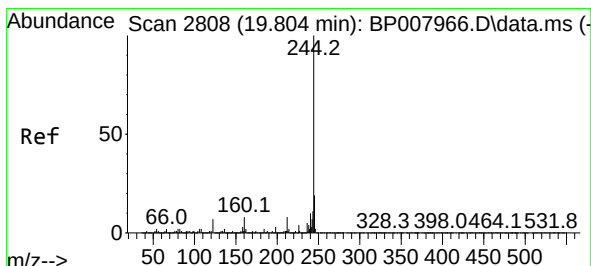
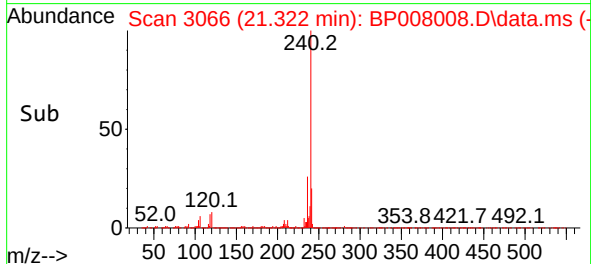
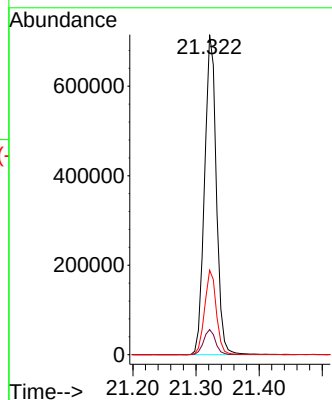
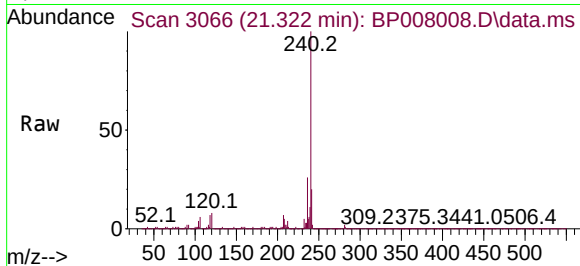




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3066
Delta R.T. -0.012 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

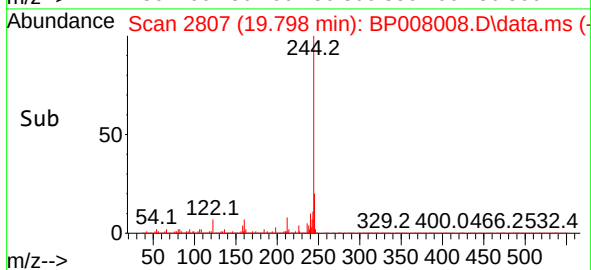
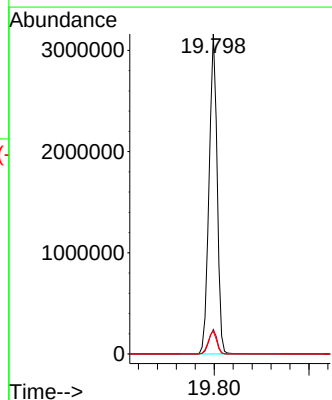
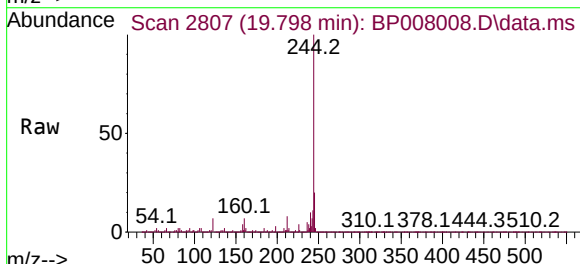
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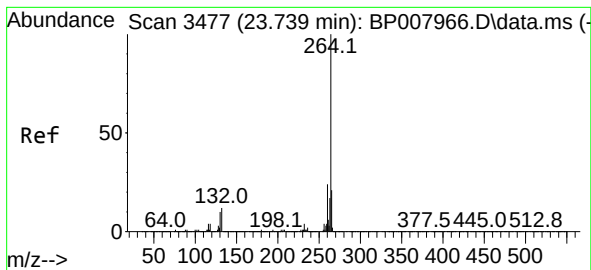
Tgt Ion:240 Resp: 925665
Ion Ratio Lower Upper
240 100
120 7.8 7.8 11.8#
236 26.4 20.6 30.8



#79
Terphenyl-d14
Concen: 81.528 ng
RT: 19.798 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BP008008.D
Acq: 18 Nov 2021 10:03

Tgt Ion:244 Resp: 3721798
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.1 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 34
 Delta R.T. -0.018 min
 Lab File: BP008008.D
 Acq: 18 Nov 2021 10:03

Instrument :
 BNA_P
 ClientSampleId :
 PB140849BL

Tgt Ion:264 Resp: 1071260
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.1 16.7 25.1

