

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
 Data File : BP008036.D
 Acq On : 19 Nov 2021 02:22
 Operator : CG/JU
 Sample : M4724-25
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-WALL-CONCRETE

Quant Time: Nov 19 03:28:55 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)

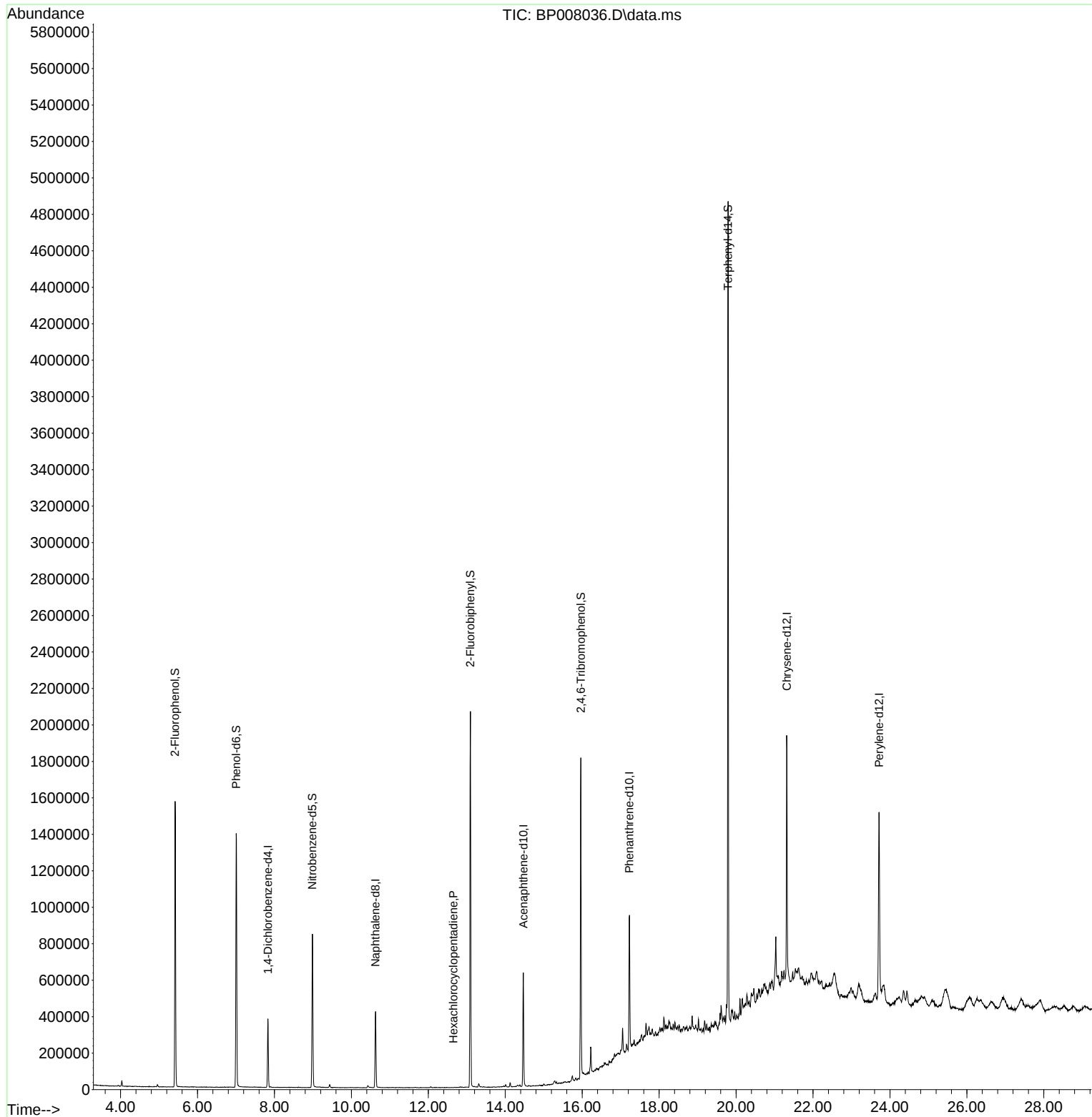
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	102508	20.000	ng	-0.01
21) Naphthalene-d8	10.628	136	337914	20.000	ng	#-0.01
39) Acenaphthene-d10	14.469	164	215001	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	466143	20.000	ng	-0.02
76) Chrysene-d12	21.316	240	642476	20.000	ng	-0.02
86) Perylene-d12	23.716	264	784863	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	666829	105.528	ng	-0.01
7) Phenol-d6	7.005	99	798277	94.960	ng	-0.02
23) Nitrobenzene-d5	8.987	82	475749	75.342	ng	-0.02
42) 2,4,6-Tribromophenol	15.963	330	348216	102.938	ng	-0.01
45) 2-Fluorobiphenyl	13.093	172	1052568	68.672	ng	-0.01
79) Terphenyl-d14	19.792	244	2046012	64.574	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.969	77	165	Below Cal	#	20
16) 2,2'-oxybis(1-Chloropr...	8.375	45	24	Below Cal	#	1
41) Hexachlorocyclopentadiene	12.651	237	9	3.072	ng	77

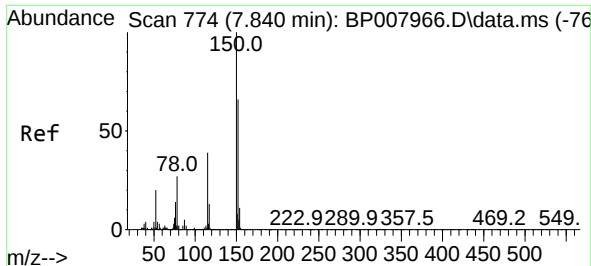
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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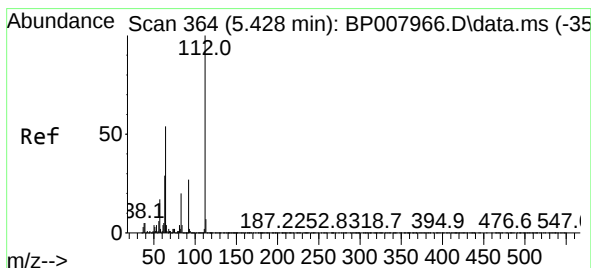
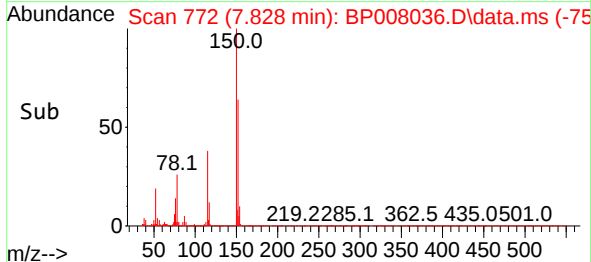
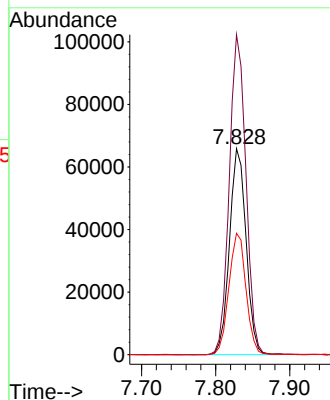
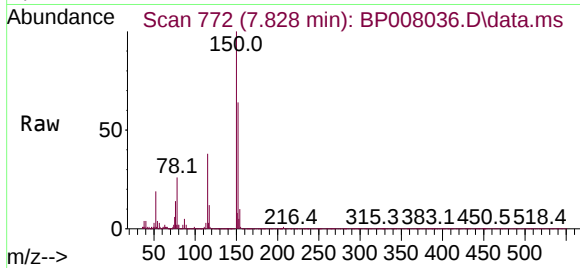




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

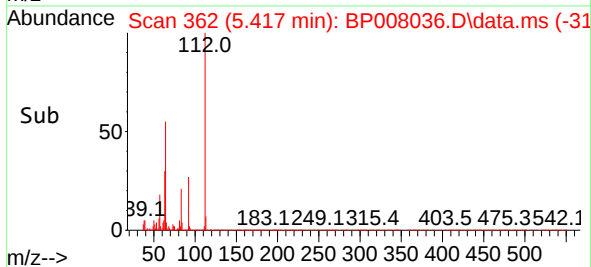
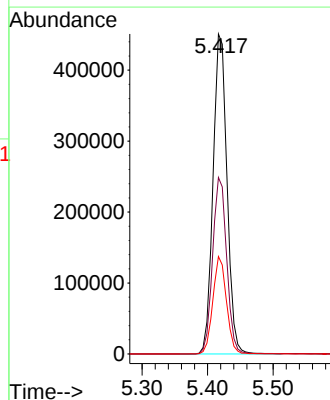
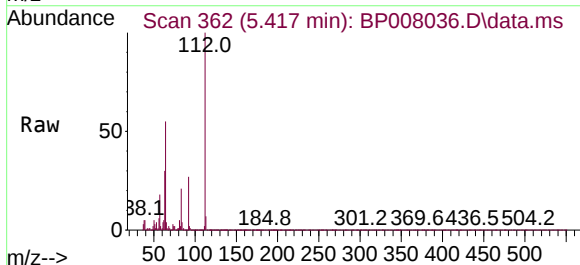
Instrument :
BNA_P
ClientSampleId :
SOUTH-WALL-CONCRETE

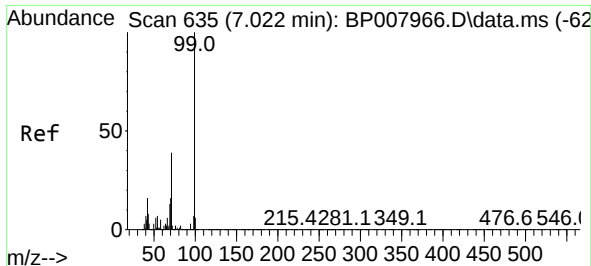
Tgt Ion:152 Resp: 102508
Ion Ratio Lower Upper
152 100
150 155.2 124.1 186.1
115 58.9 48.1 72.1



#5
2-Fluorophenol
Concen: 105.528 ng
RT: 5.417 min Scan# 362
Delta R.T. -0.011 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

Tgt Ion:112 Resp: 666829
Ion Ratio Lower Upper
112 100
64 55.1 46.6 70.0
63 30.4 25.0 37.6

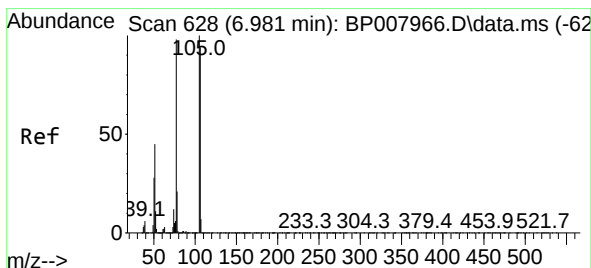
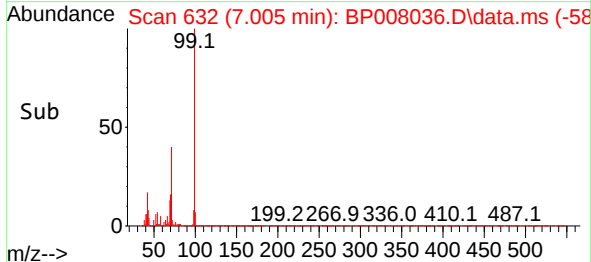
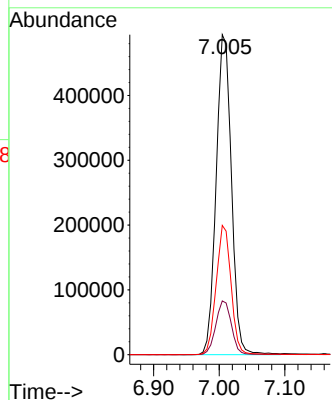
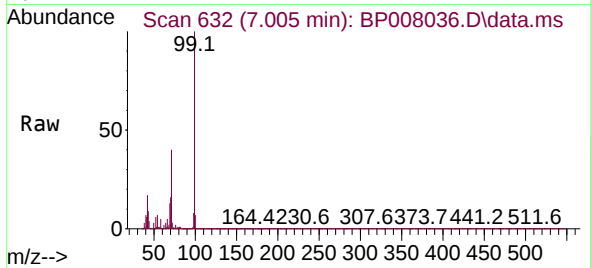




#7
Phenol-d6
Concen: 94.960 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

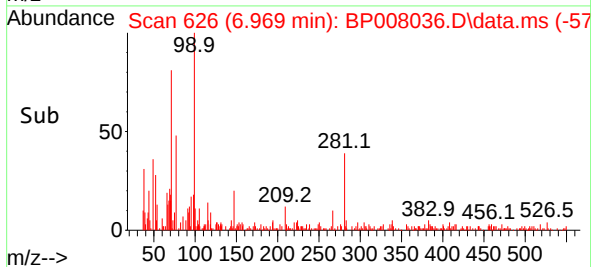
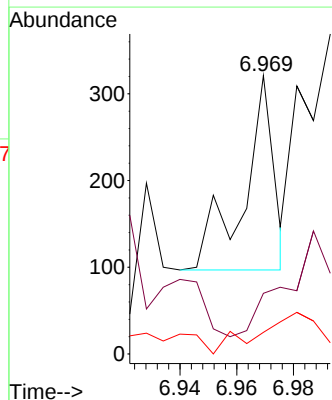
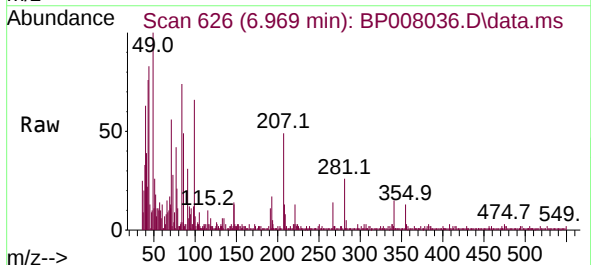
Instrument :
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ClientSampleId :
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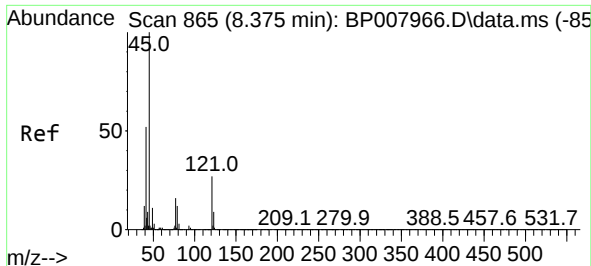
Tgt Ion: 99 Resp: 798277
Ion Ratio Lower Upper
99 100
42 16.8 14.9 22.3
71 40.4 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.969 min Scan# 626
Delta R.T. -0.012 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

Tgt Ion: 77 Resp: 165
Ion Ratio Lower Upper
77 100
105 26.8 77.5 117.5#
106 7.8 72.1 112.1#

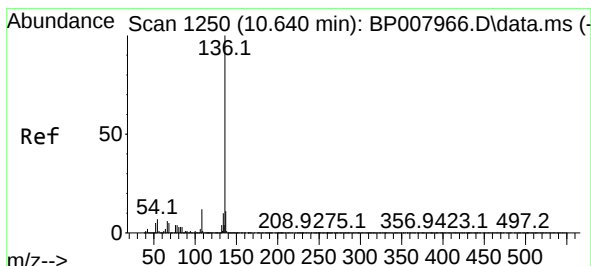
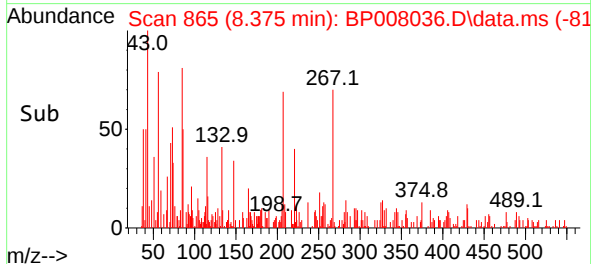
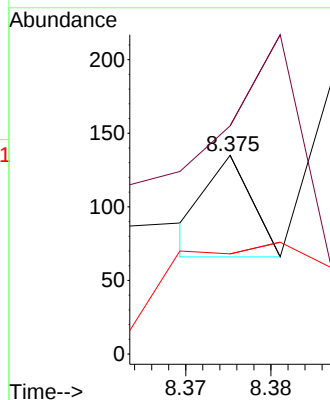
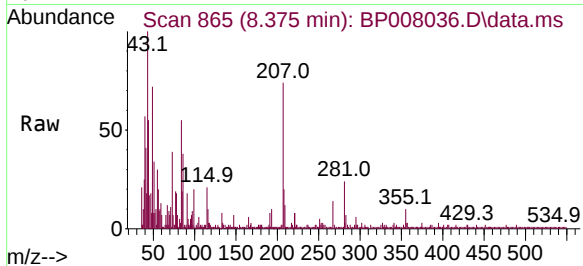




#16
2,2'-oxybis(1-Chloropropane)
Concen: Below Cal
RT: 8.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

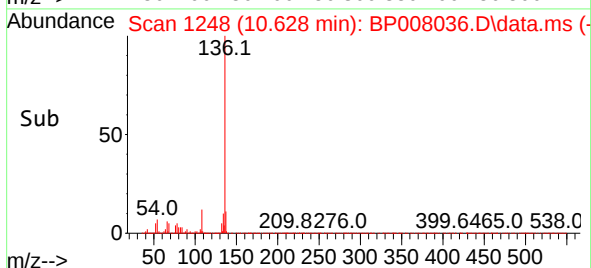
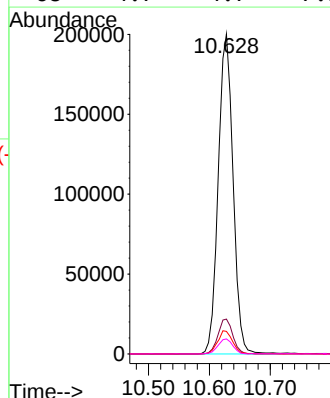
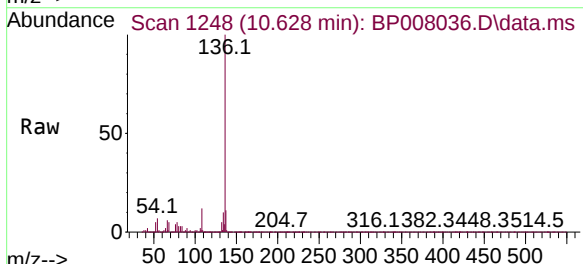
Instrument :
BNA_P
ClientSampleId :
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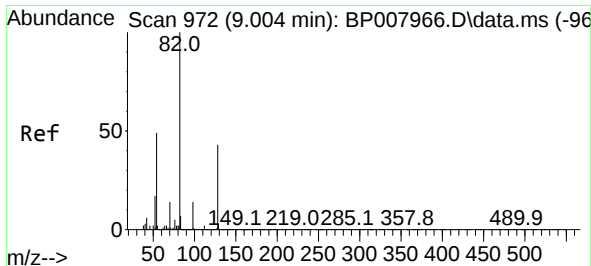
Tgt Ion:	45	Resp:	24
Ion	Ratio	Lower	Upper
45	100		
77	113.1	0.0	34.9#
79	49.6	0.0	31.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1248
Delta R.T. -0.012 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

Tgt Ion:	136	Resp:	337914
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.1	6.2	9.4
68	4.7	4.7	7.1#

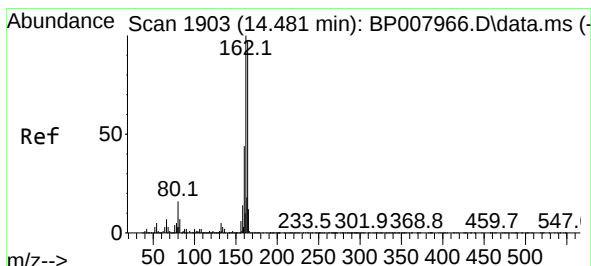
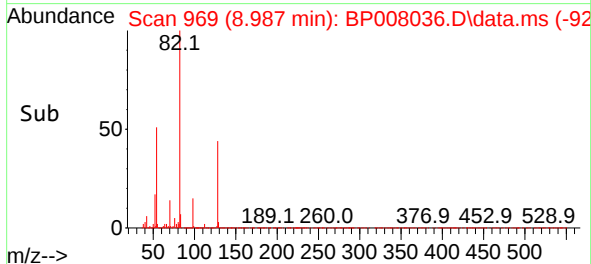
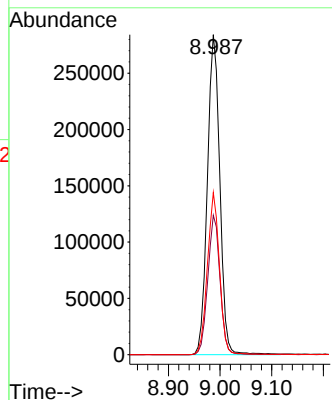
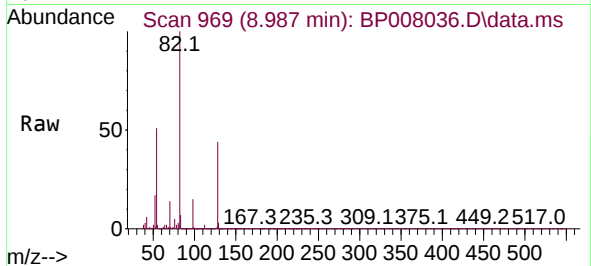




#23
Nitrobenzene-d5
Concen: 75.342 ng
RT: 8.987 min Scan# 90
Delta R.T. -0.017 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

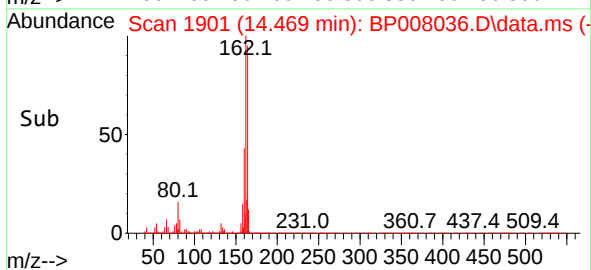
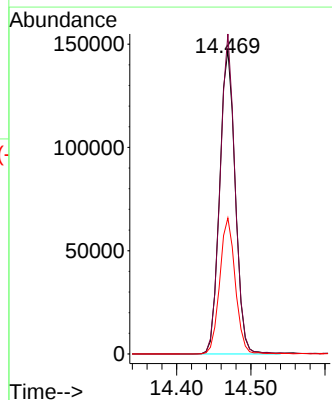
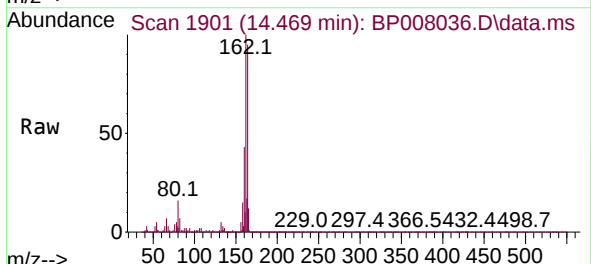
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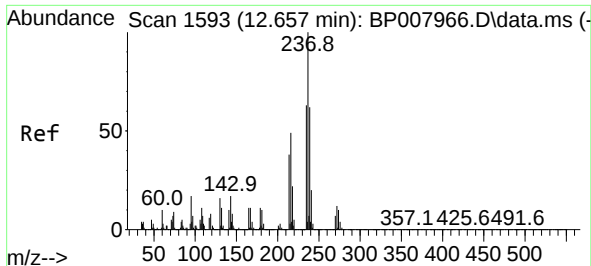
Tgt Ion: 82 Resp: 475749
Ion Ratio Lower Upper
82 100
128 43.6 32.6 48.8
54 50.7 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

Tgt Ion: 164 Resp: 215001
Ion Ratio Lower Upper
164 100
162 105.4 81.1 121.7
160 44.8 36.0 54.0

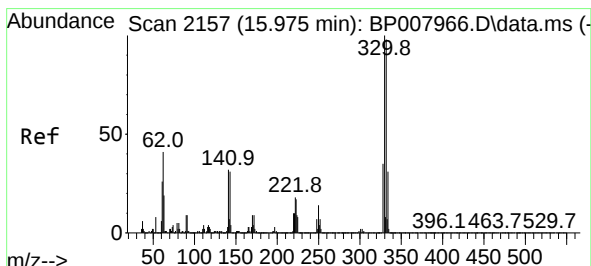
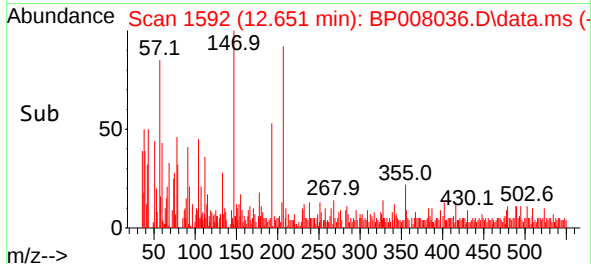
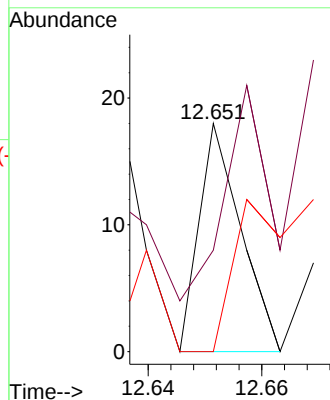
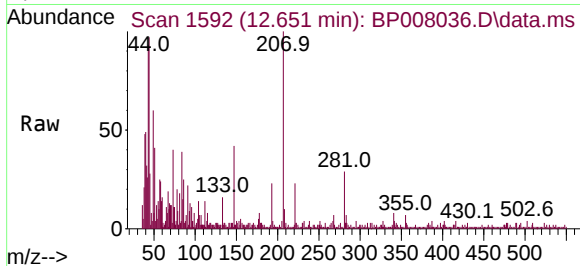




#41
Hexachlorocyclopentadiene
Concen: 3.072 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

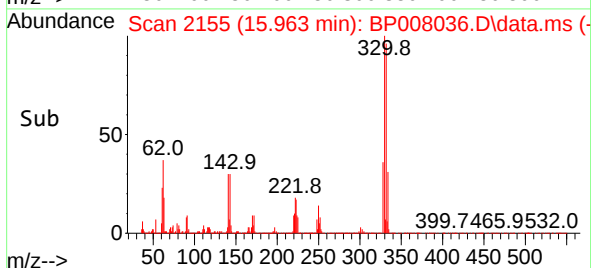
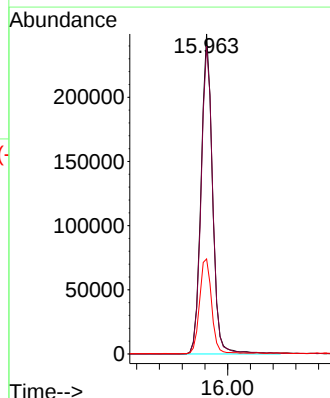
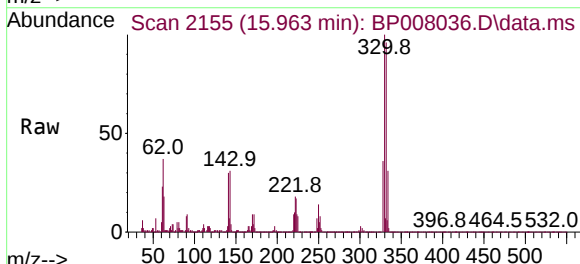
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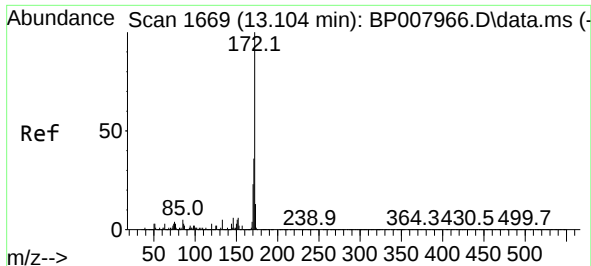
Tgt Ion:237	Resp:	9
Ion Ratio	Lower	Upper
237	100	
235	44.4	41.2 81.2
272	0.0	0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 102.938 ng
RT: 15.963 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

Tgt Ion:330	Resp:	348216
Ion Ratio	Lower	Upper
330	100	
332	97.7	78.9 118.3
141	31.4	30.7 46.1

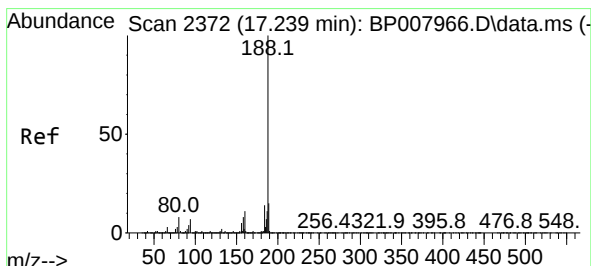
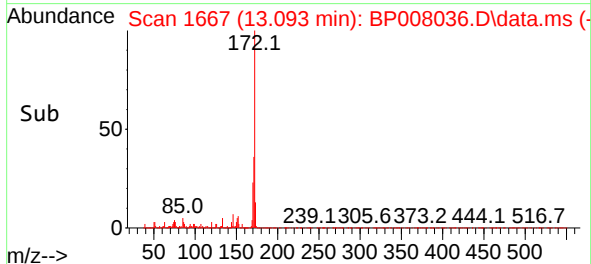
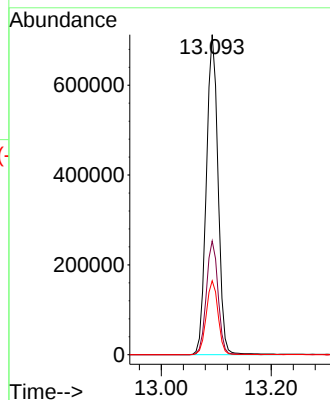
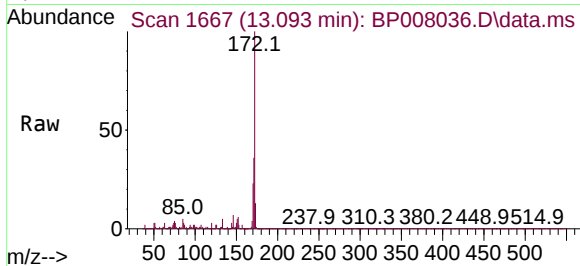




#45
2-Fluorobiphenyl
Concen: 68.672 ng
RT: 13.093 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

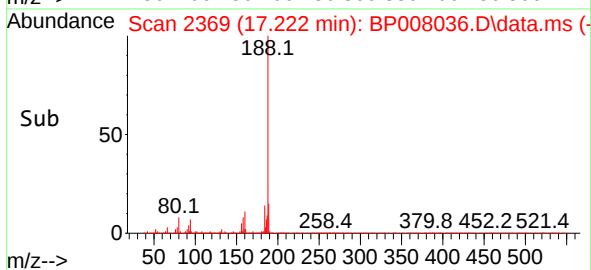
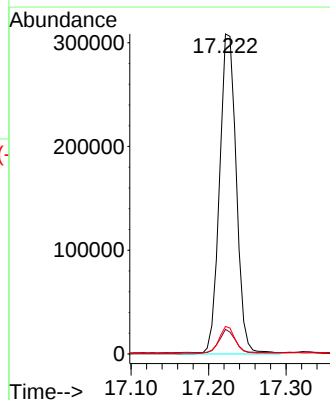
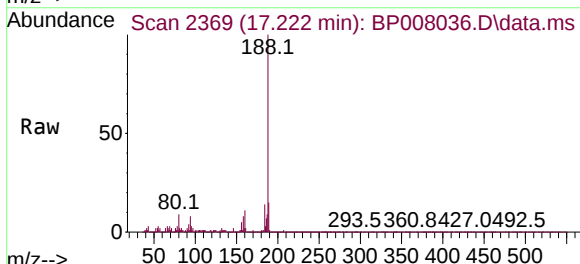
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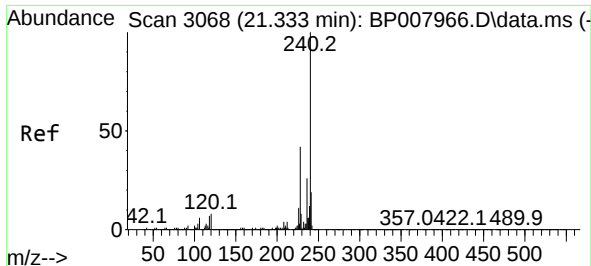
Tgt Ion:172 Resp: 1052568
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.1 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2369
Delta R.T. -0.017 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

Tgt Ion:188 Resp: 466143
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.6 7.8 11.6

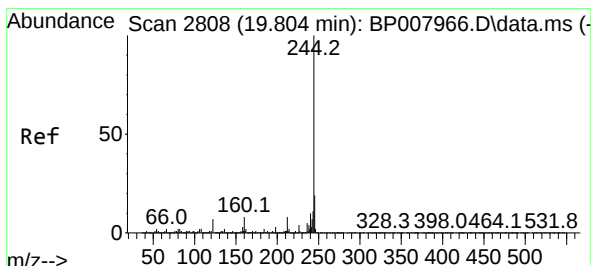
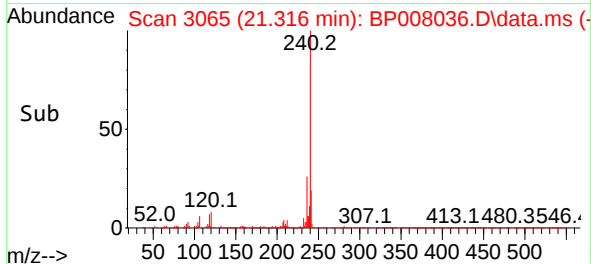
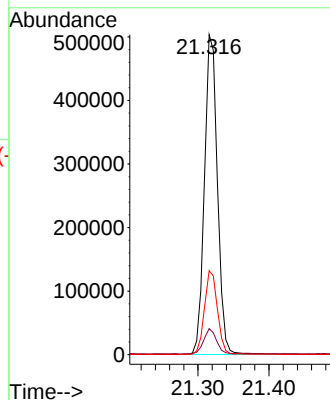
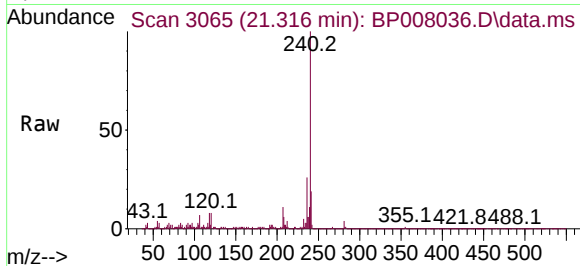




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3065
Delta R.T. -0.018 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

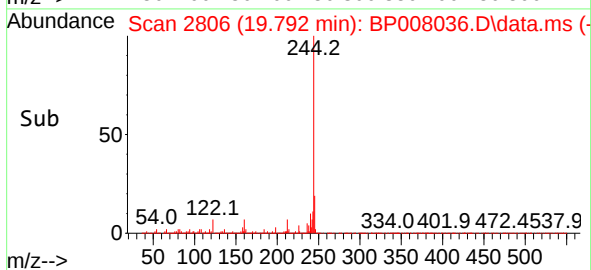
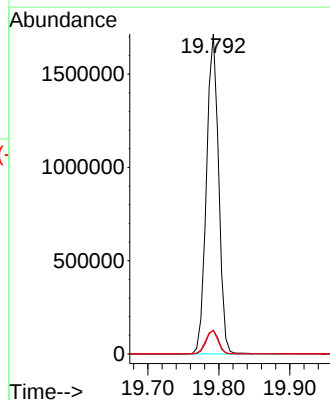
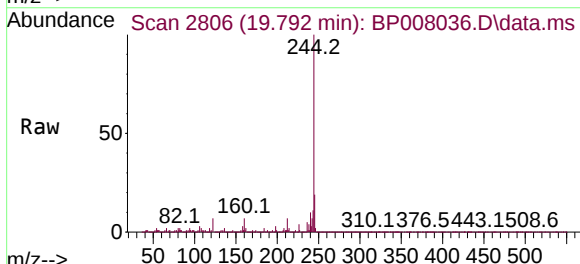
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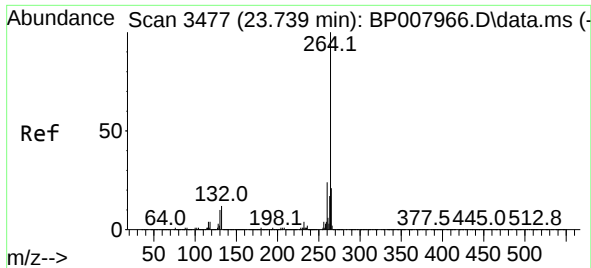
Tgt Ion:240 Resp: 642476
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.8
236 26.2 20.6 30.8



#79
Terphenyl-d14
Concen: 64.574 ng
RT: 19.792 min Scan# 2806
Delta R.T. -0.012 min
Lab File: BP008036.D
Acq: 19 Nov 2021 02:22

Tgt Ion:244 Resp: 2046012
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 7.3 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.716 min Scan# 34
 Delta R.T. -0.023 min
 Lab File: BP008036.D
 Acq: 19 Nov 2021 02:22

Instrument :
 BNA_P
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Tgt Ion:264 Resp: 784863
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.1 16.7 25.1

