

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
 Data File : BP008033.D
 Acq On : 19 Nov 2021 00:40
 Operator : CG/JU
 Sample : M4724-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SUB-FLOOR-SLAB

Quant Time: Nov 19 02:26:24 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)

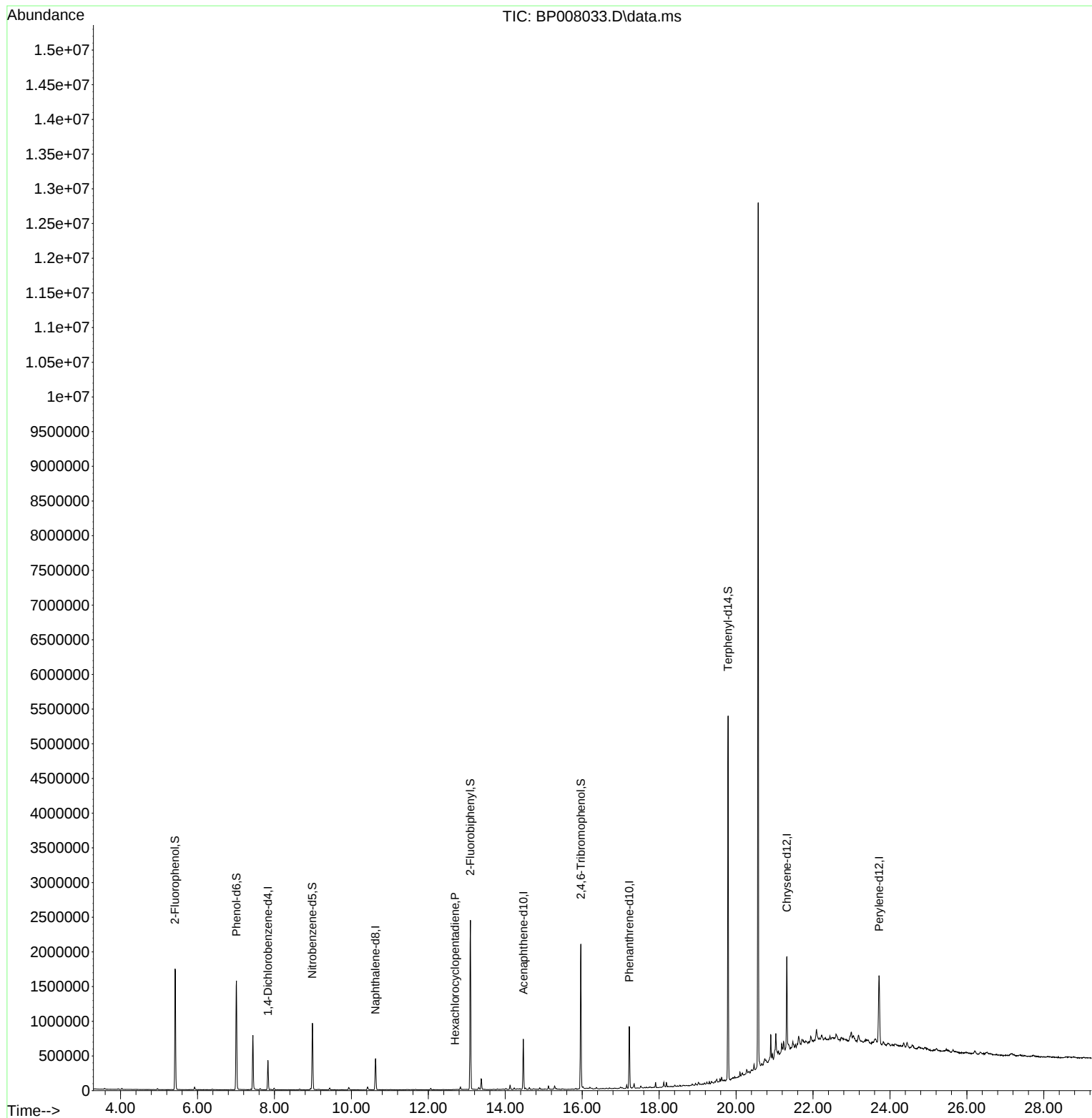
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	113011	20.000	ng	-0.01
21) Naphthalene-d8	10.628	136	366960	20.000	ng	#-0.01
39) Acenaphthene-d10	14.469	164	240492	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	541067	20.000	ng	-0.02
76) Chrysene-d12	21.322	240	679785	20.000	ng	#-0.01
86) Perylene-d12	23.715	264	800715	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	749389	107.572	ng	-0.01
7) Phenol-d6	7.011	99	898291	96.927	ng	-0.01
23) Nitrobenzene-d5	8.987	82	540692	78.849	ng	-0.02
42) 2,4,6-Tribromophenol	15.963	330	420877	111.230	ng	-0.01
45) 2-Fluorobiphenyl	13.093	172	1229698	71.725	ng	-0.01
79) Terphenyl-d14	19.792	244	2398991	71.559	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.005	77	2397	Below Cal	#	10
16) 2,2'-oxybis(1-Chloropr...	8.440	45	289	Below Cal		84
41) Hexachlorocyclopentadiene	12.698	237	10	3.072 ng		85

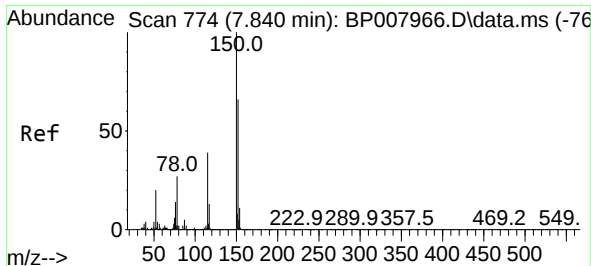
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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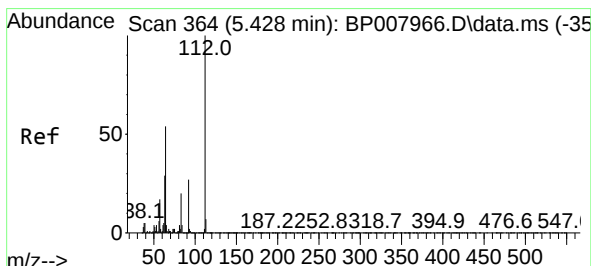
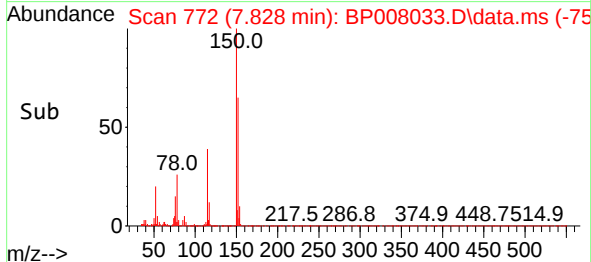
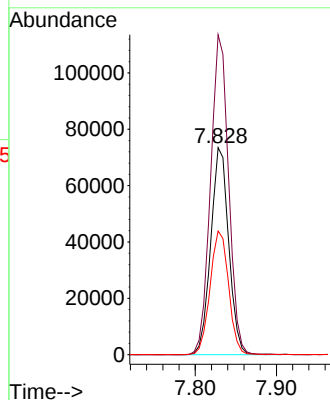
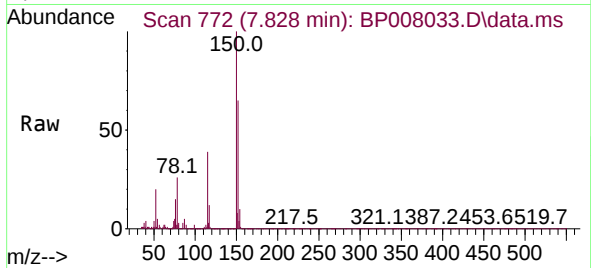




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

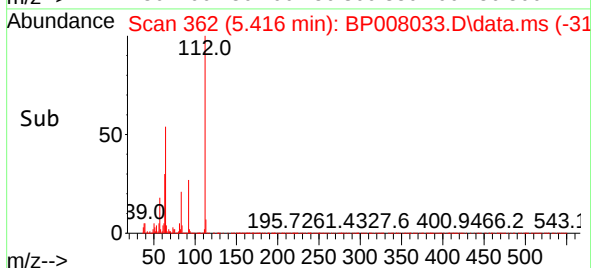
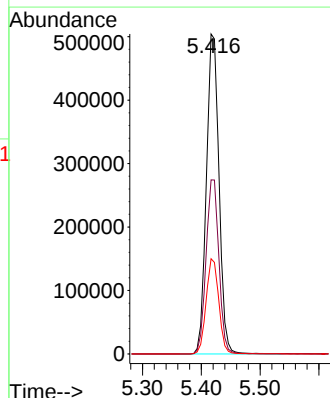
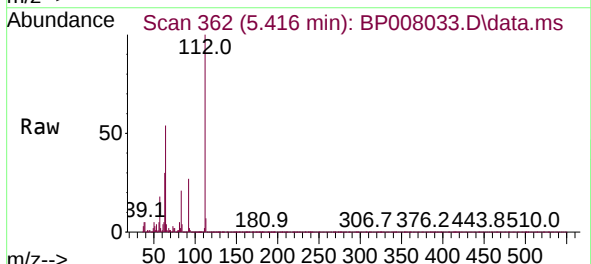
Instrument :
BNA_P
ClientSampleId :
SUB-FLOOR-SLAB

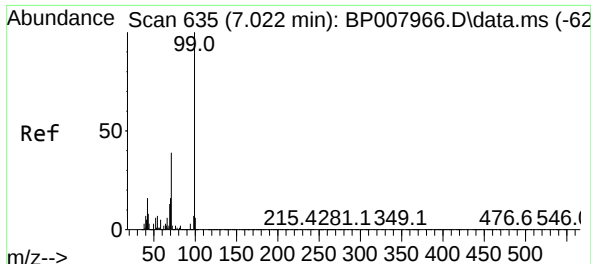
Tgt Ion:152 Resp: 113011
Ion Ratio Lower Upper
152 100
150 154.5 124.1 186.1
115 59.7 48.1 72.1



#5
2-Fluorophenol
Concen: 107.572 ng
RT: 5.416 min Scan# 362
Delta R.T. -0.012 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

Tgt Ion:112 Resp: 749389
Ion Ratio Lower Upper
112 100
64 54.4 46.6 70.0
63 29.8 25.0 37.6

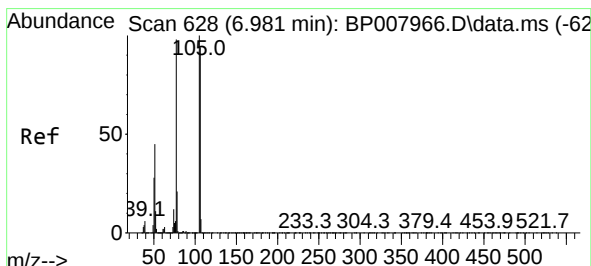
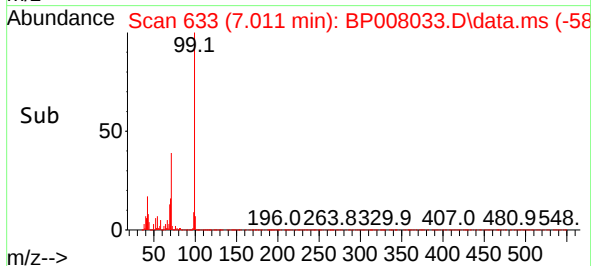
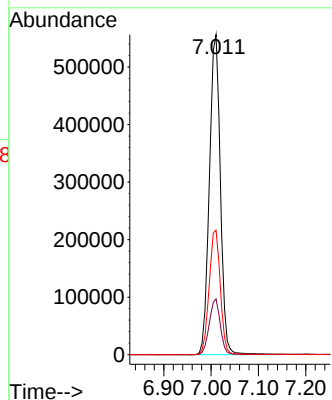
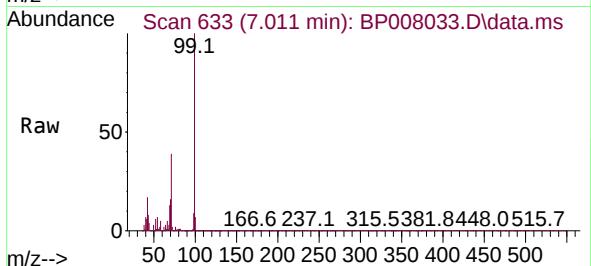




#7
Phenol-d6
Concen: 96.927 ng
RT: 7.011 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

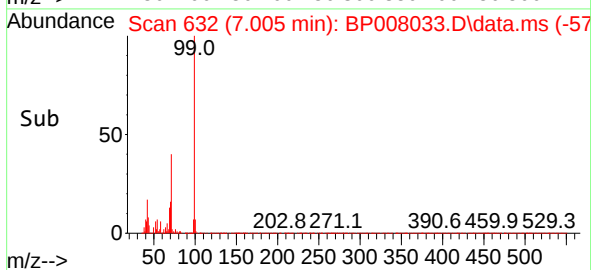
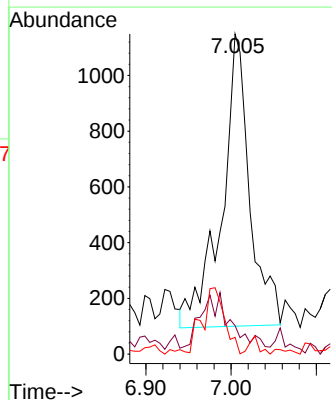
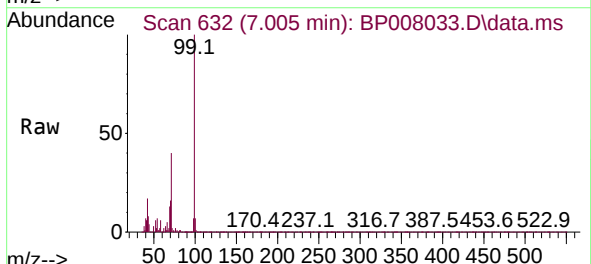
Instrument :
BNA_P
ClientSampleId :
SUB-FLOOR-SLAB

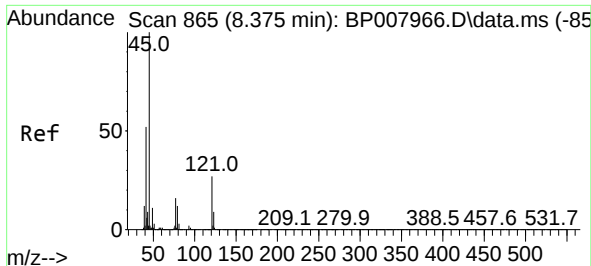
Tgt Ion: 99 Resp: 898291
Ion Ratio Lower Upper
99 100
42 17.4 14.9 22.3
71 38.9 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.005 min Scan# 632
Delta R.T. 0.024 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

Tgt Ion: 77 Resp: 2397
Ion Ratio Lower Upper
77 100
105 8.9 77.5 117.5#
106 5.2 72.1 112.1#

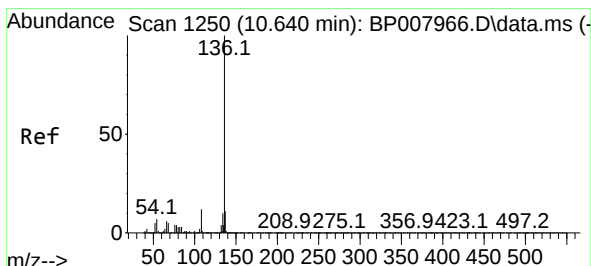
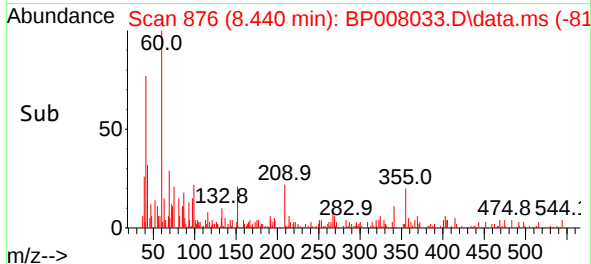
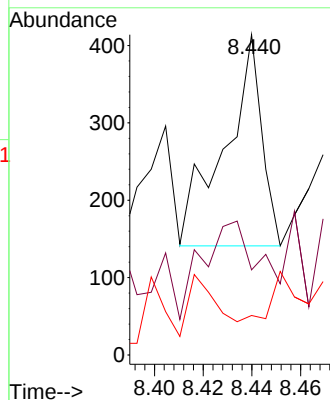
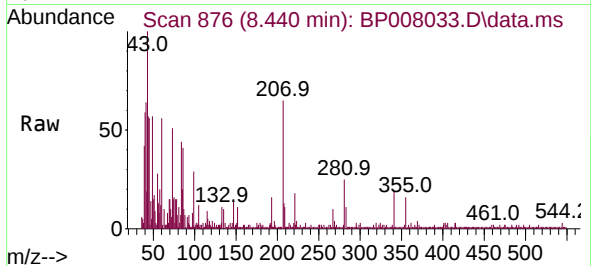




#16
2,2'-oxybis(1-Chloropropane)
Concen: Below Cal
RT: 8.440 min Scan# 81
Delta R.T. 0.065 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

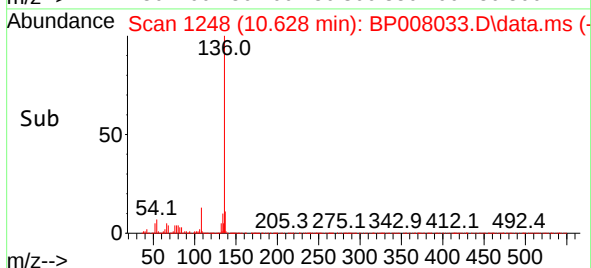
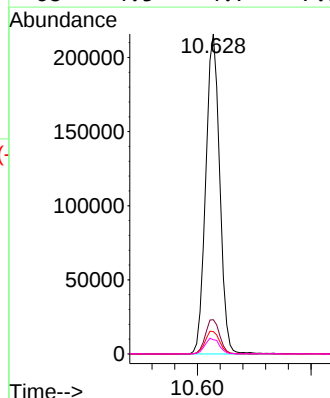
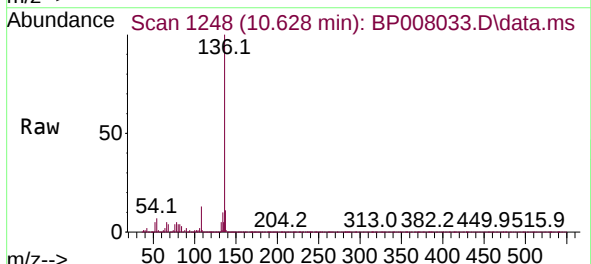
Instrument :
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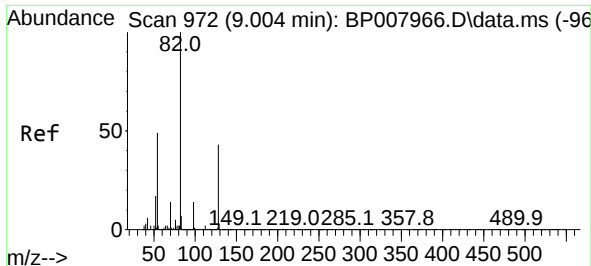
Tgt Ion: 45	Resp:	289
Ion	Ratio	Lower Upper
45	100	
77	26.6	0.0 34.9
79	12.3	0.0 31.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1248
Delta R.T. -0.012 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

Tgt Ion: 136	Resp:	366960
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.6 13.0
54	7.0	6.2 9.4
68	4.5	4.7 7.1

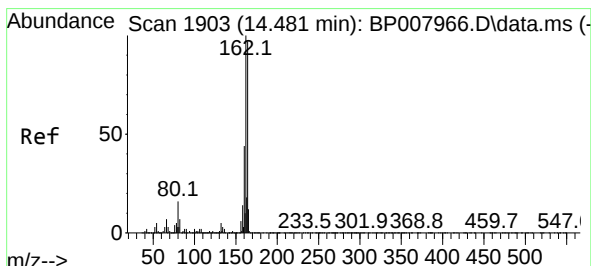
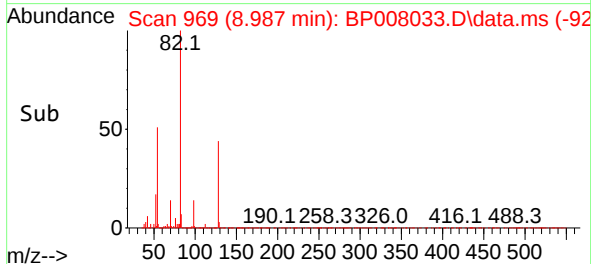
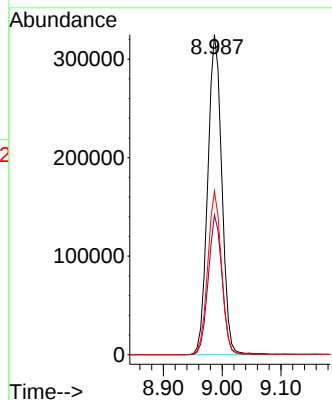
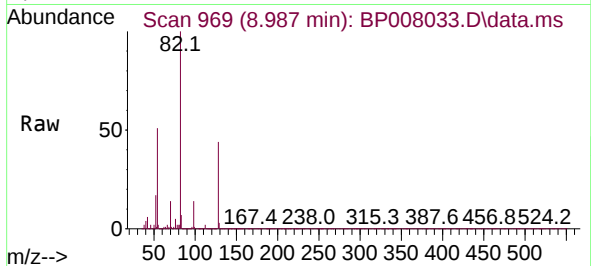




#23
Nitrobenzene-d5
Concen: 78.849 ng
RT: 8.987 min Scan# 901
Delta R.T. -0.017 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

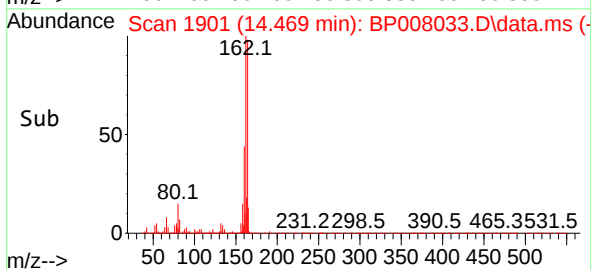
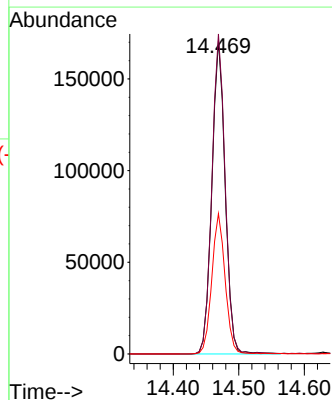
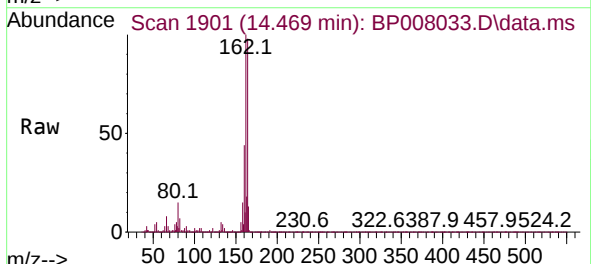
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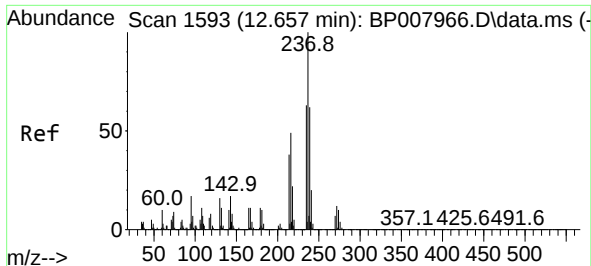
Tgt Ion: 82 Resp: 540692
Ion Ratio Lower Upper
82 100
128 43.7 32.6 48.8
54 51.1 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

Tgt Ion:164 Resp: 240492
Ion Ratio Lower Upper
164 100
162 102.1 81.1 121.7
160 44.8 36.0 54.0

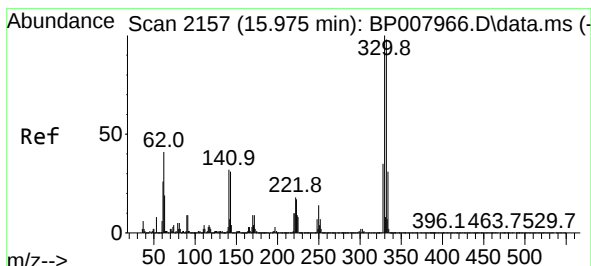
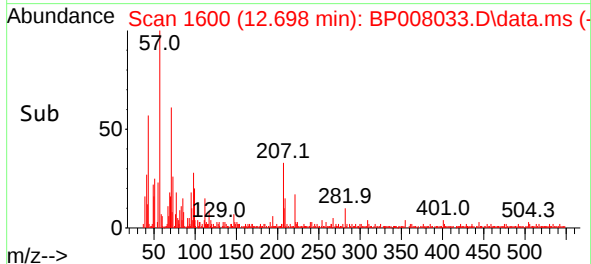
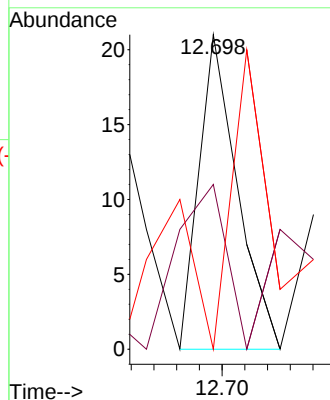
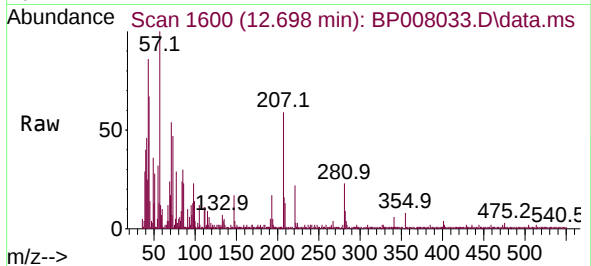




#41
Hexachlorocyclopentadiene
Concen: 3.072 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.041 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

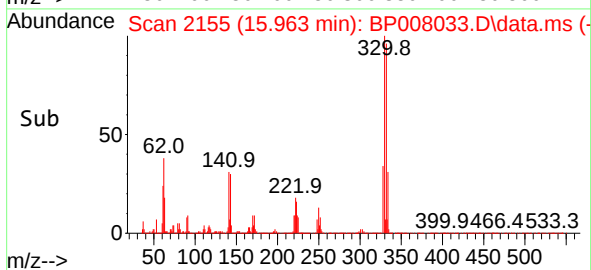
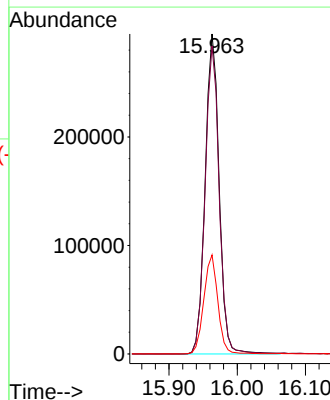
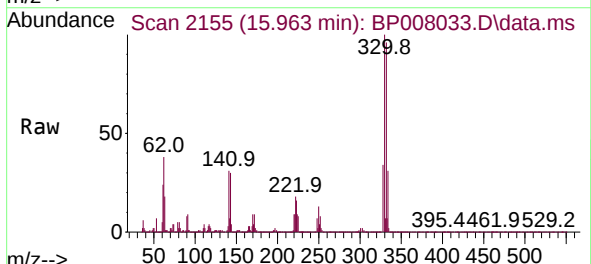
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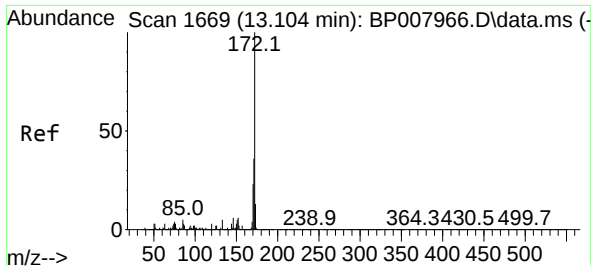
Tgt Ion:	237	Resp:	10
Ion	Ratio	Lower	Upper
237	100		
235	52.4	41.2	81.2
272	0.0	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 111.230 ng
RT: 15.963 min Scan# 2155
Delta R.T. -0.012 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

Tgt Ion:	330	Resp:	420877
Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.9	118.3
141	31.1	30.7	46.1

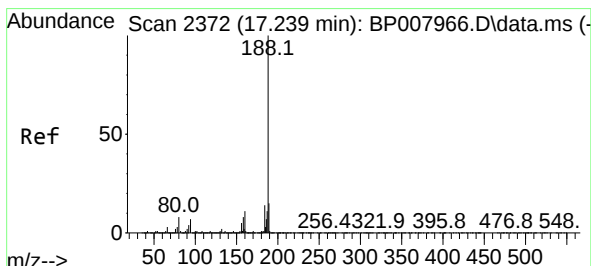
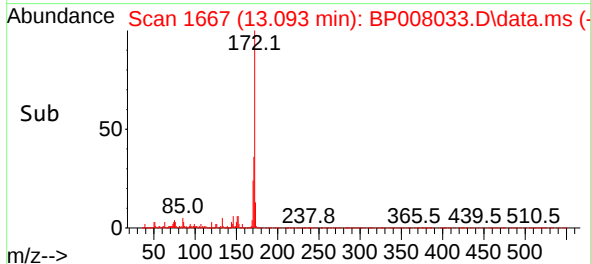
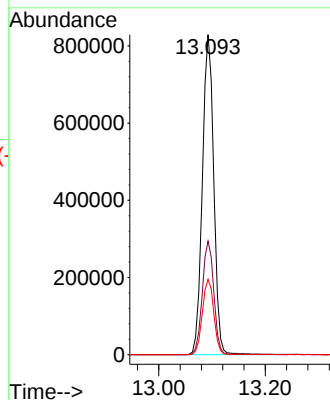
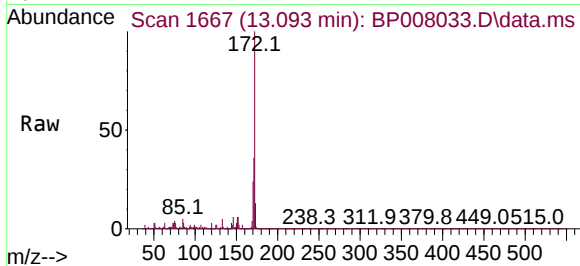




#45
2-Fluorobiphenyl
Concen: 71.725 ng
RT: 13.093 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

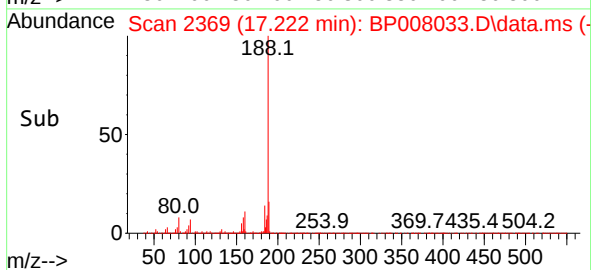
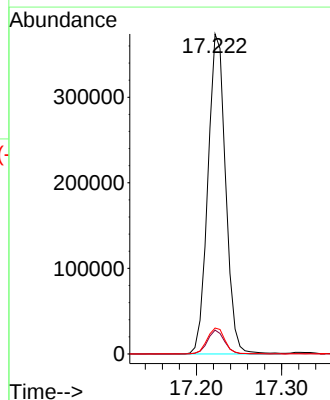
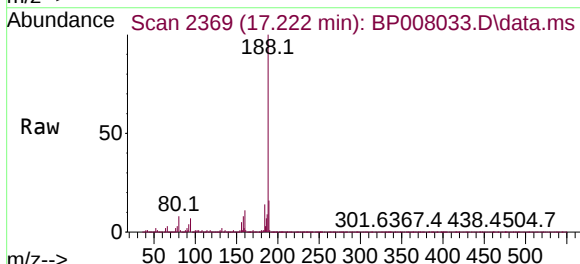
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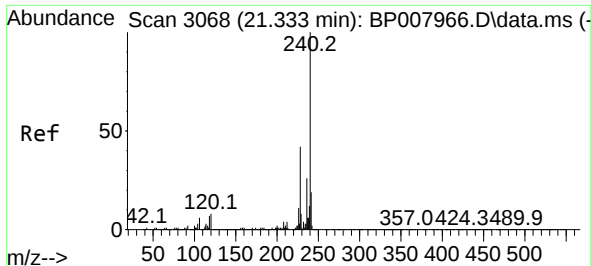
Tgt Ion:172 Resp: 1229698
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.5 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2369
Delta R.T. -0.018 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

Tgt Ion:188 Resp: 541067
Ion Ratio Lower Upper
188 100
94 7.5 7.1 10.7
80 8.1 7.8 11.6

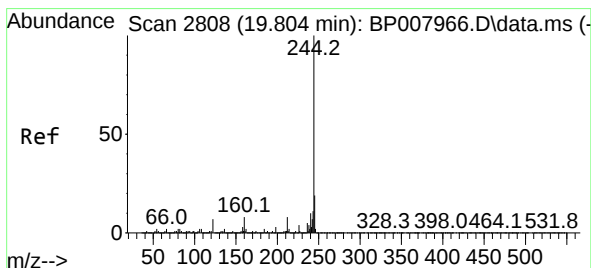
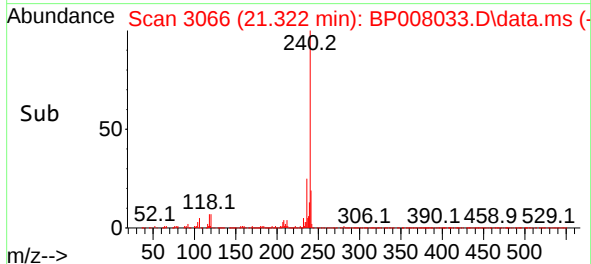
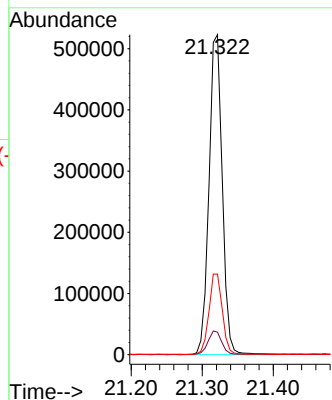
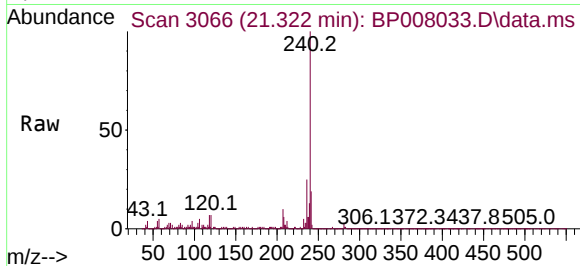




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3066
Delta R.T. -0.012 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

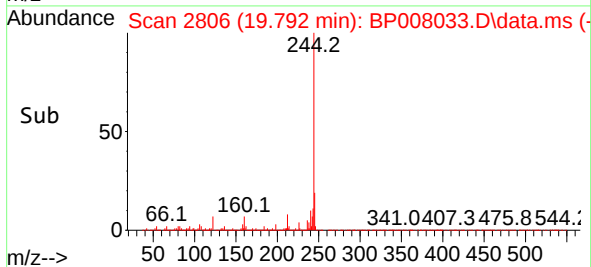
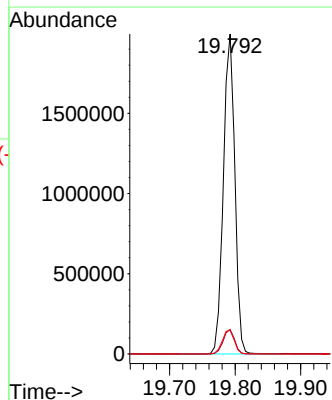
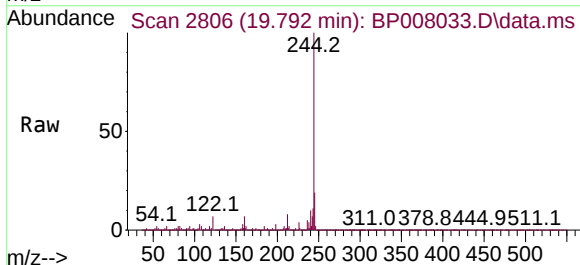
Instrument :
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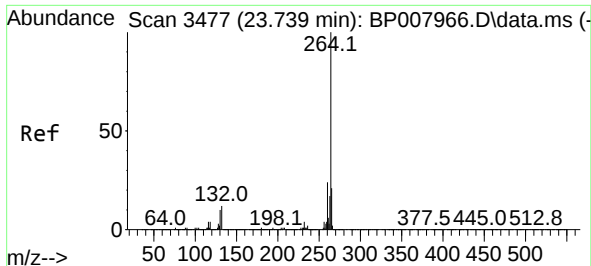
Tgt Ion:240 Resp: 679785
Ion Ratio Lower Upper
240 100
120 7.1 7.8 11.8#
236 25.2 20.6 30.8



#79
Terphenyl-d14
Concen: 71.559 ng
RT: 19.792 min Scan# 2806
Delta R.T. -0.012 min
Lab File: BP008033.D
Acq: 19 Nov 2021 00:40

Tgt Ion:244 Resp: 2398991
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.4 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 34
 Delta R.T. -0.023 min
 Lab File: BP008033.D
 Acq: 19 Nov 2021 00:40

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 800715
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 21.8 16.7 25.1

