

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111821\
 Data File : BP008012.D
 Acq On : 18 Nov 2021 12:34
 Operator : CG/JU
 Sample : M4724-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FLOOR-1-ROOM-3-PILLARS

Quant Time: Nov 18 13:03:27 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)

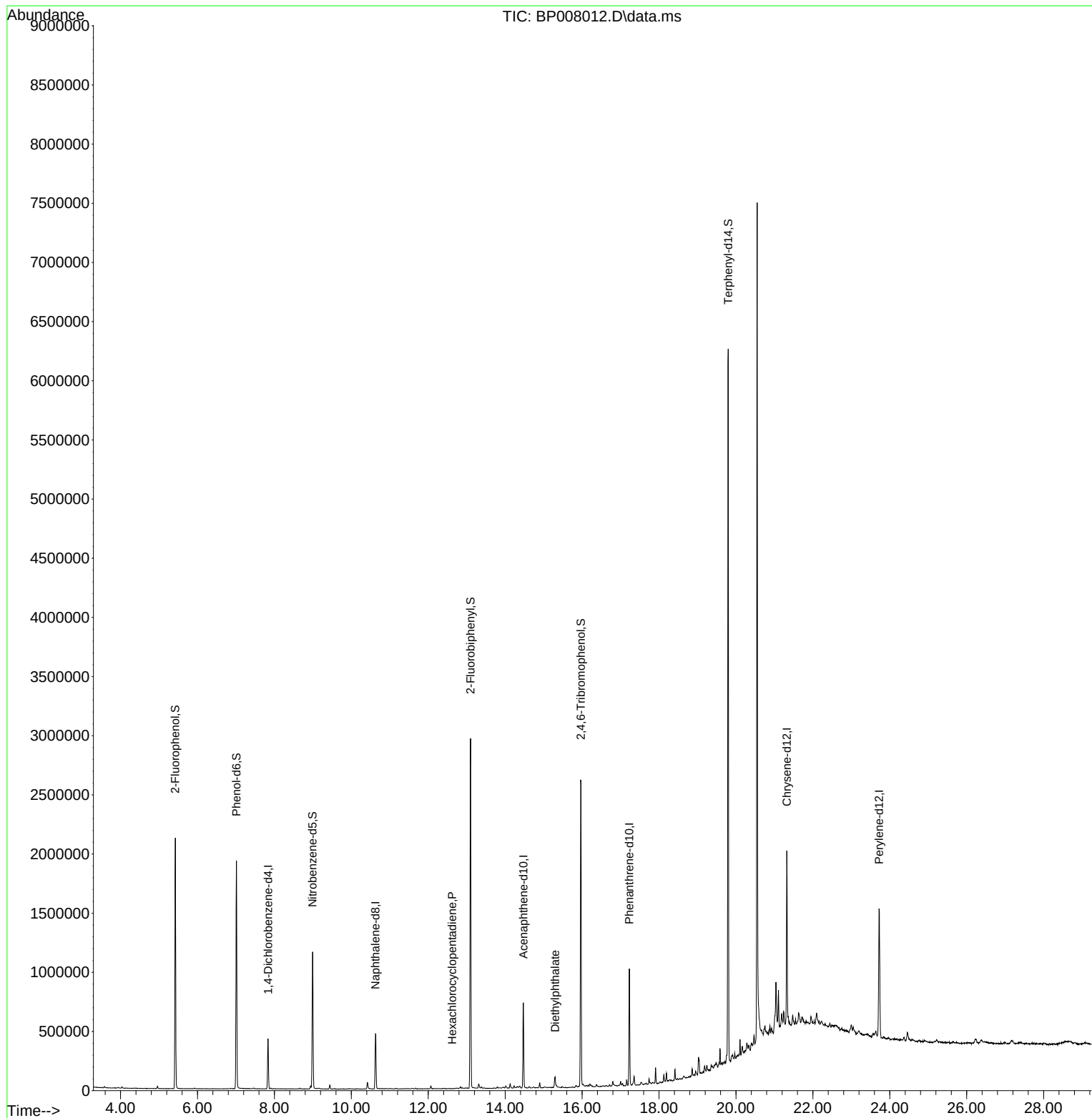
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	112802	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	385539	20.000	ng	-0.01
39) Acenaphthene-d10	14.475	164	254738	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	575472	20.000	ng	#-0.01
76) Chrysene-d12	21.321	240	713838	20.000	ng	#-0.01
86) Perylene-d12	23.721	264	859067	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	885356	127.325	ng	0.00
7) Phenol-d6	7.010	99	1064274	115.049	ng	-0.01
23) Nitrobenzene-d5	8.993	82	646353	89.715	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	553517	138.103	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	1521448	83.779	ng	0.00
79) Terphenyl-d14	19.798	244	2914816	82.798	ng	0.00
Target Compounds						
9) Benzaldehyde	6.975	77	366	Below Cal	#	28
16) 2,2'-oxybis(1-Chloropr...	8.340	45	674	Below Cal		59
41) Hexachlorocyclopentadiene	12.622	237	22	3.074	ng	73
60) Diethylphthalate	15.298	149	55390	2.851	ng	94

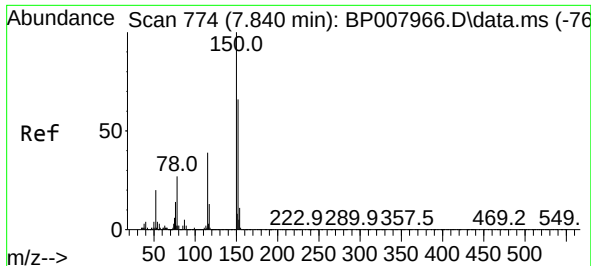
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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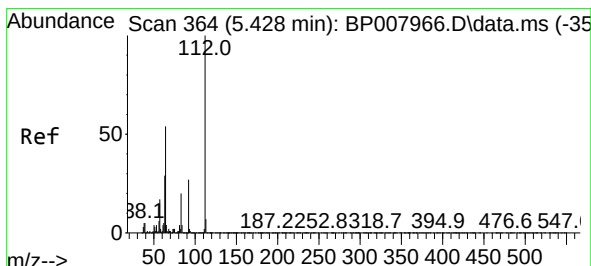
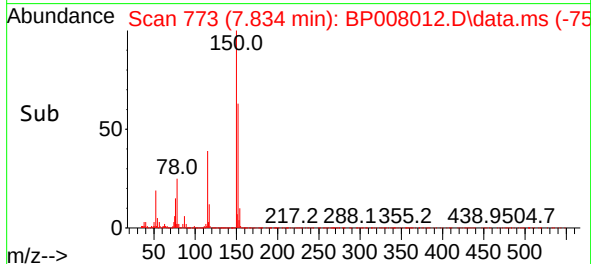
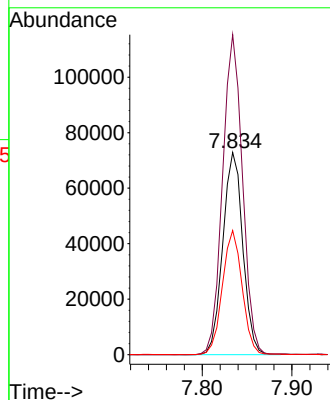
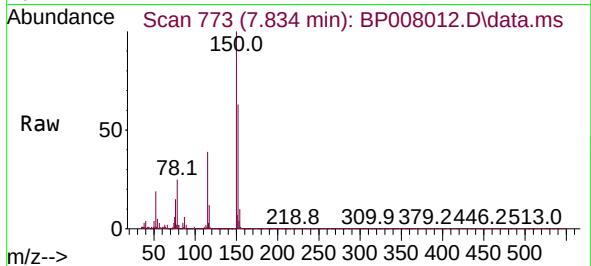




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

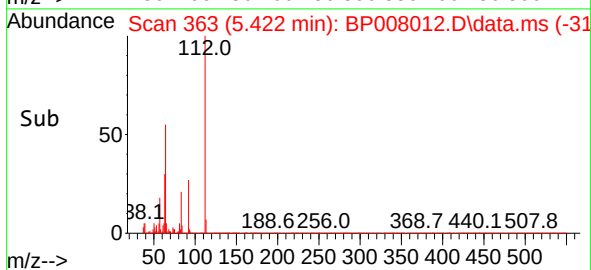
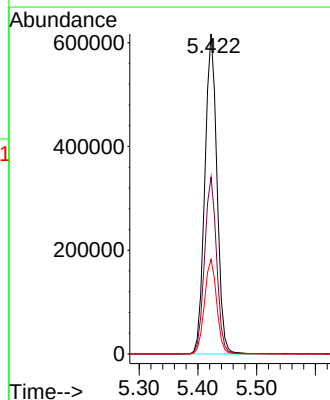
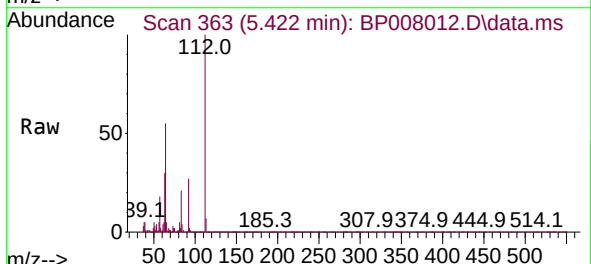
Instrument :
BNA_P
ClientSampleId :
FLOOR-1-ROOM-3-PILLARS

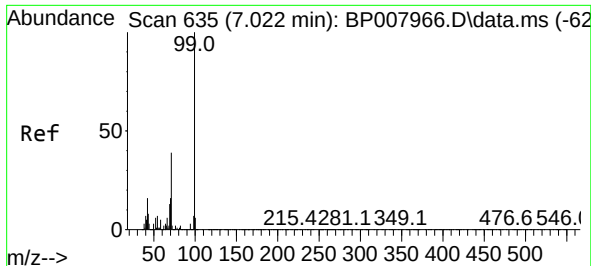
Tgt Ion:152 Resp: 112802
Ion Ratio Lower Upper
152 100
150 158.3 124.1 186.1
115 61.4 48.1 72.1



#5
2-Fluorophenol
Concen: 127.325 ng
RT: 5.422 min Scan# 363
Delta R.T. -0.006 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

Tgt Ion:112 Resp: 885356
Ion Ratio Lower Upper
112 100
64 55.3 46.6 70.0
63 29.6 25.0 37.6

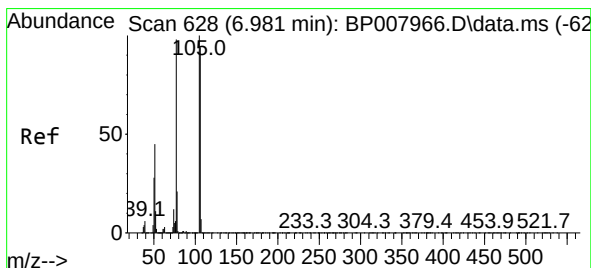
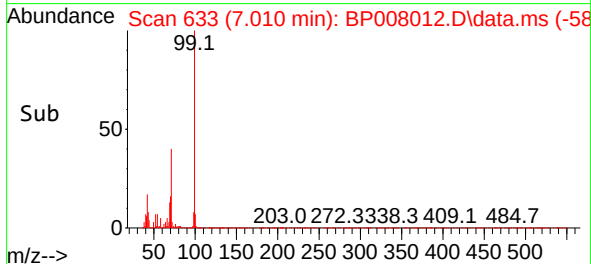
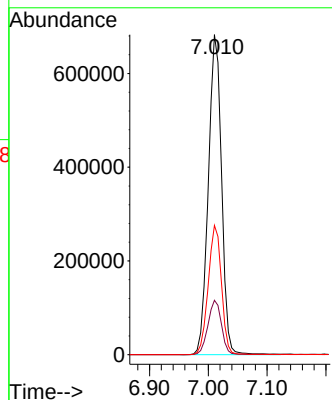
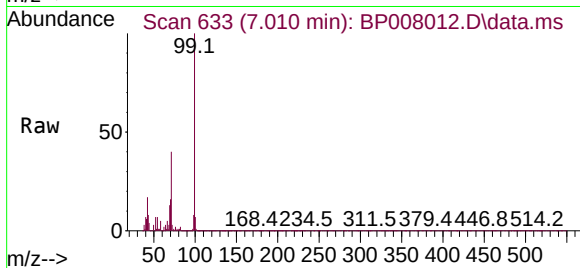




#7
Phenol-d6
Concen: 115.049 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

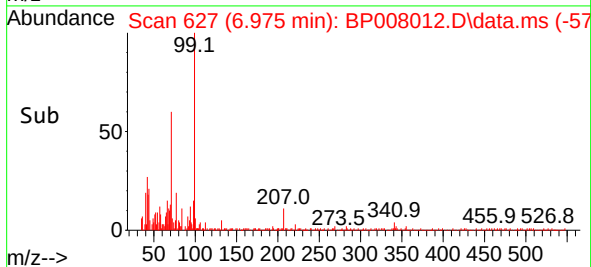
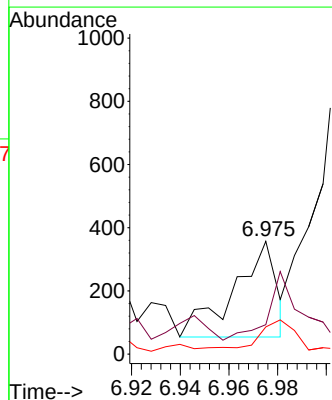
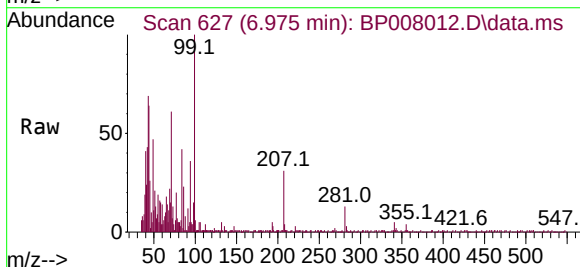
Instrument :
BNA_P
ClientSampleId :
FLOOR-1-ROOM-3-PILLARS

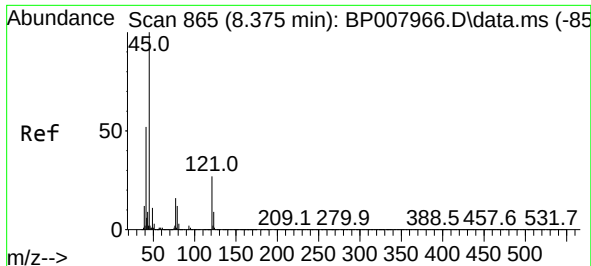
Tgt Ion: 99 Resp: 1064274
Ion Ratio Lower Upper
99 100
42 17.0 14.9 22.3
71 40.4 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.975 min Scan# 627
Delta R.T. -0.006 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

Tgt Ion: 77 Resp: 366
Ion Ratio Lower Upper
77 100
105 26.1 77.5 117.5#
106 24.1 72.1 112.1#

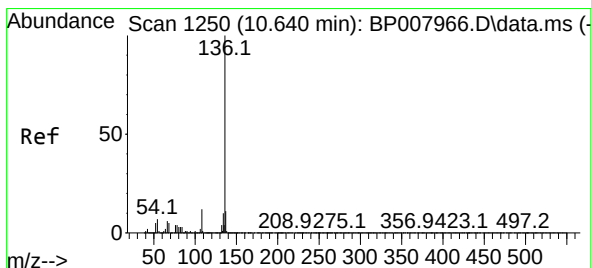
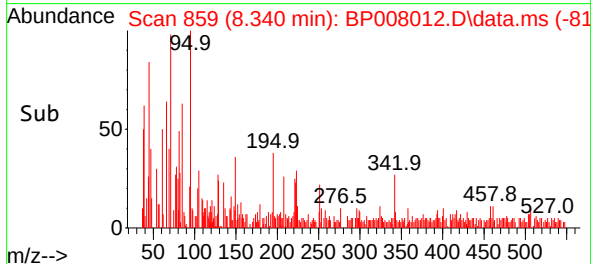
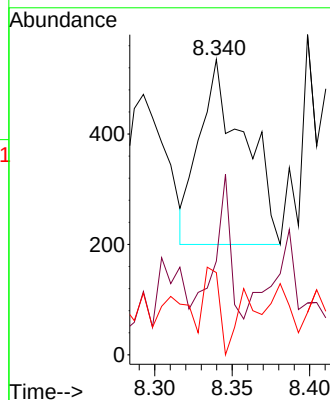
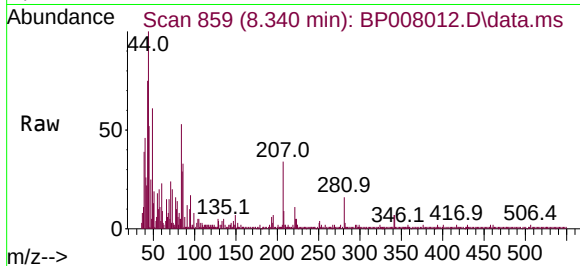




#16
2,2'-oxybis(1-Chloropropane)
Concen: Below Cal
RT: 8.340 min Scan# 81
Delta R.T. -0.035 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

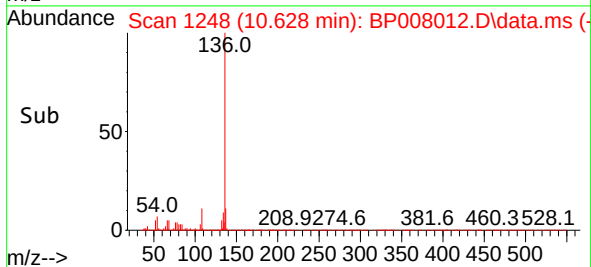
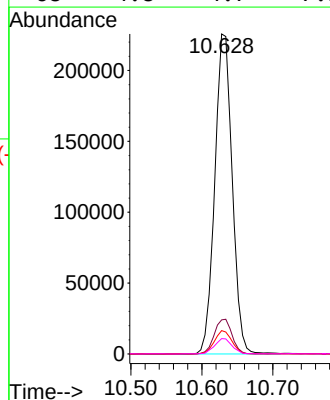
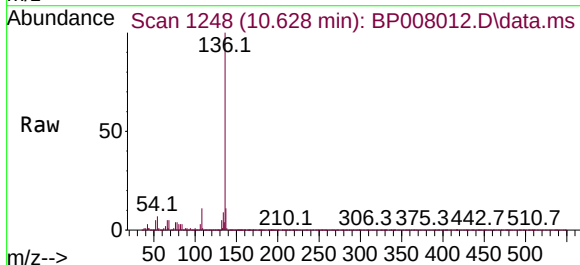
Instrument :
BNA_P
ClientSampleId :
FLOOR-1-ROOM-3-PILLARS

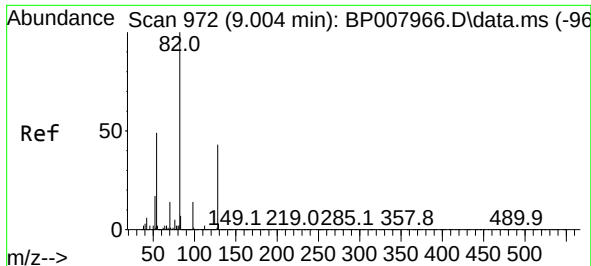
Tgt Ion: 45 Resp: 674
Ion Ratio Lower Upper
45 100
77 31.8 0.0 34.9
79 27.9 0.0 31.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1248
Delta R.T. -0.012 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

Tgt Ion:136 Resp: 385539
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.3 6.2 9.4
68 4.8 4.7 7.1

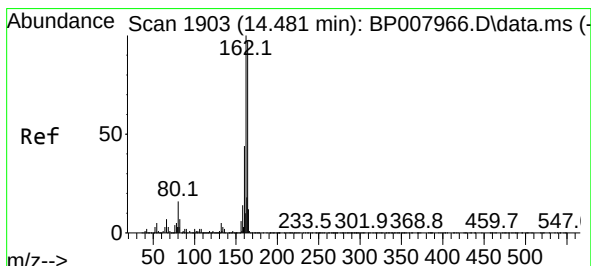
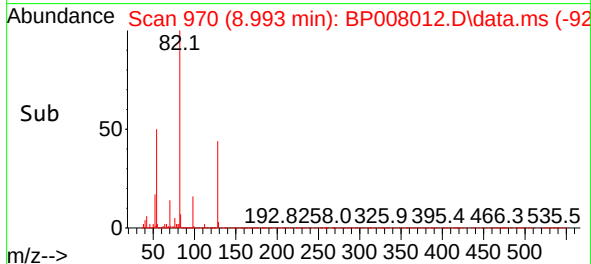
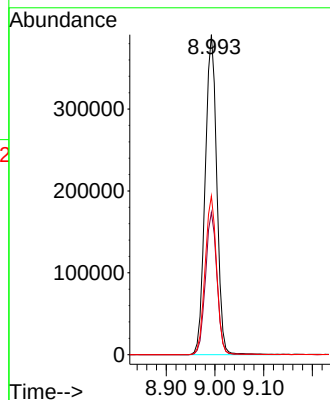
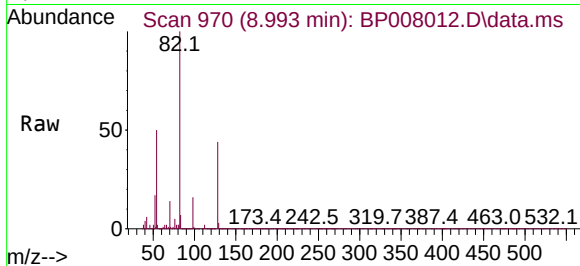




#23
Nitrobenzene-d5
Concen: 89.715 ng
RT: 8.993 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

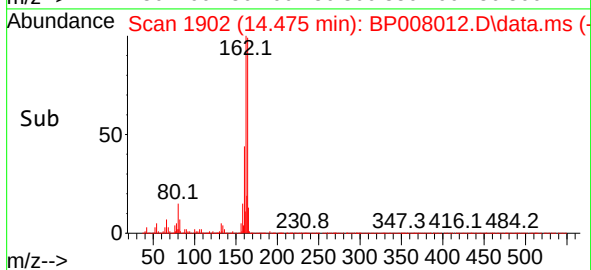
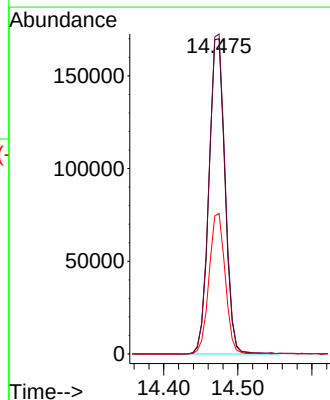
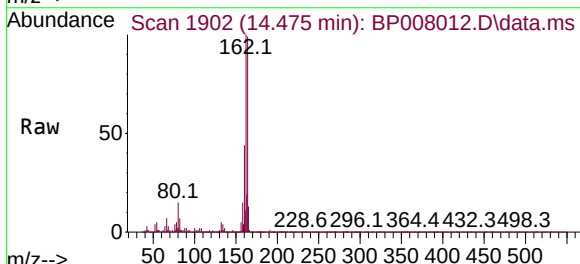
Instrument :
BNA_P
ClientSampleId :
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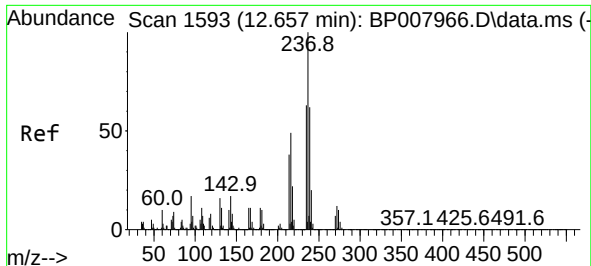
Tgt Ion: 82 Resp: 646353
Ion Ratio Lower Upper
82 100
128 44.5 32.6 48.8
54 49.6 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

Tgt Ion:164 Resp: 254738
Ion Ratio Lower Upper
164 100
162 101.5 81.1 121.7
160 44.6 36.0 54.0

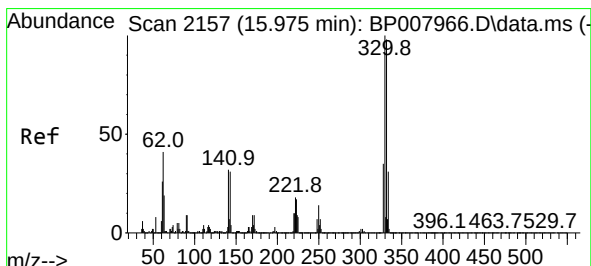
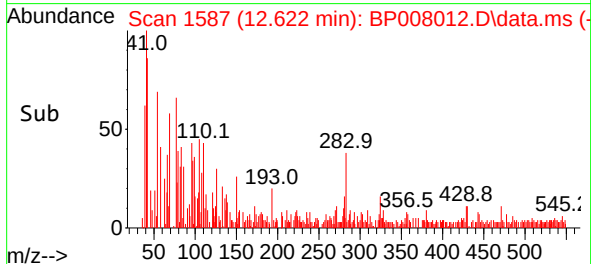
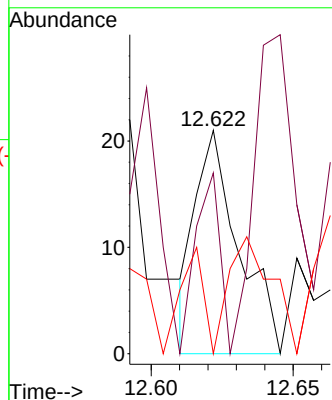
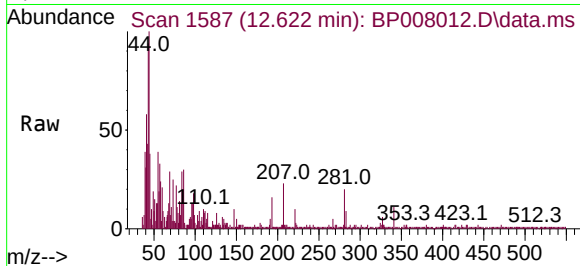




#41
Hexachlorocyclopentadiene
Concen: 3.074 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

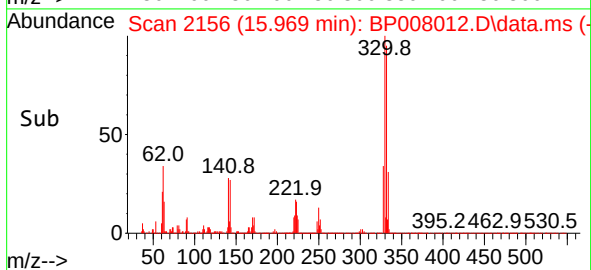
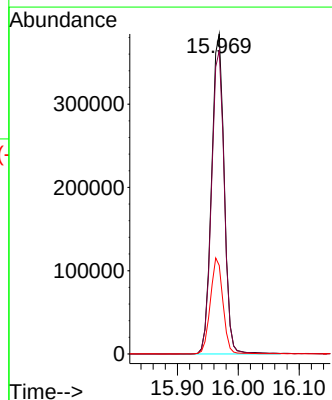
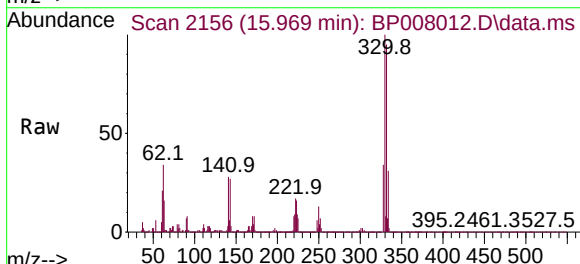
Instrument :
BNA_P
ClientSampleId :
FLOOR-1-ROOM-3-PILLARS

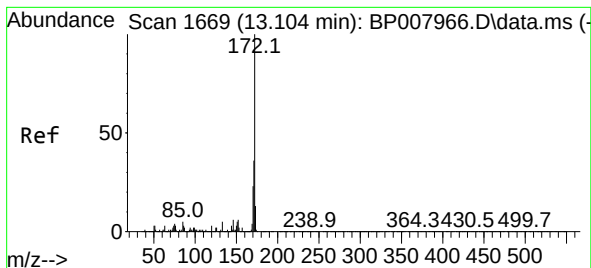
Tgt Ion:237	Resp:	22
Ion	Ratio	Lower Upper
237	100	
235	81.0	41.2 81.2
272	0.0	0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 138.103 ng
RT: 15.969 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

Tgt Ion:330	Resp:	553517
Ion	Ratio	Lower Upper
330	100	
332	96.0	78.9 118.3
141	29.9	30.7 46.1#





#45

2-Fluorobiphenyl

Concen: 83.779 ng

RT: 13.098 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008012.D

Acq: 18 Nov 2021 12:34

Instrument :

BNA_P

ClientSampleId :

FLOOR-1-ROOM-3-PILLARS

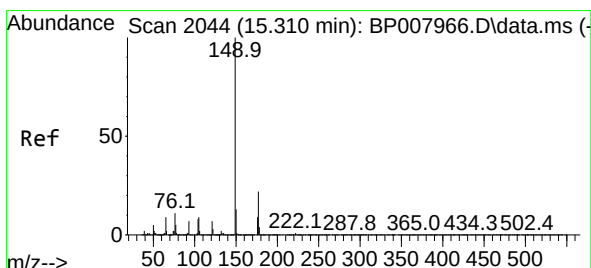
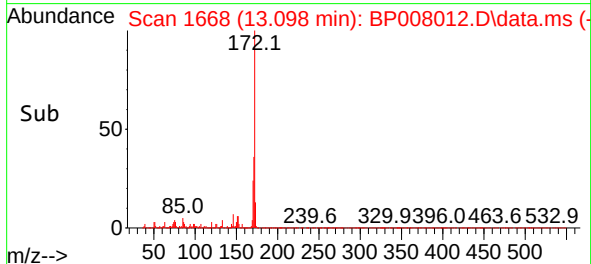
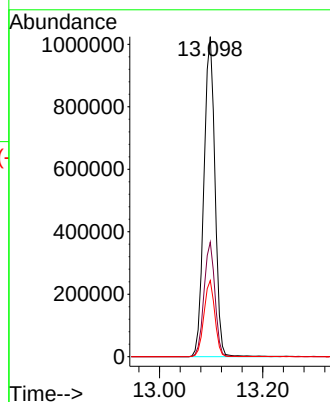
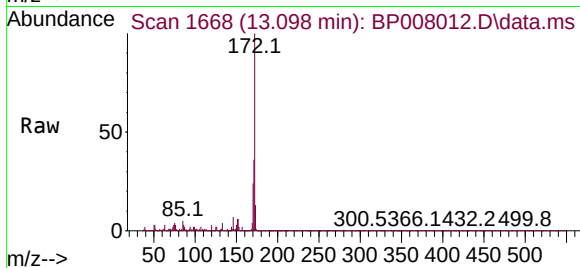
Tgt Ion:172 Resp: 1521448

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.8 19.0 28.4



#60

Diethylphthalate

Concen: 2.851 ng

RT: 15.298 min Scan# 2042

Delta R.T. -0.012 min

Lab File: BP008012.D

Acq: 18 Nov 2021 12:34

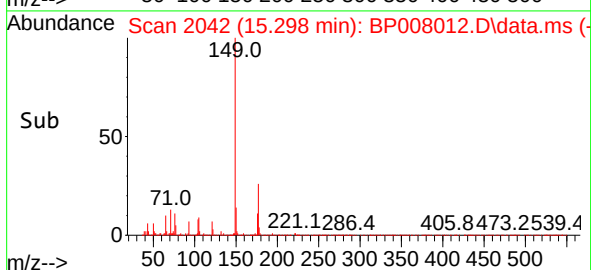
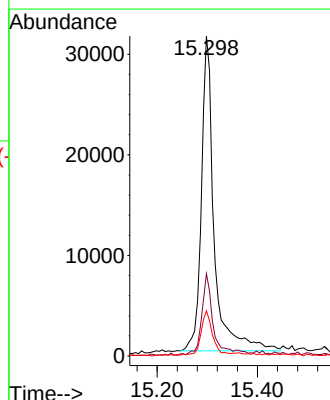
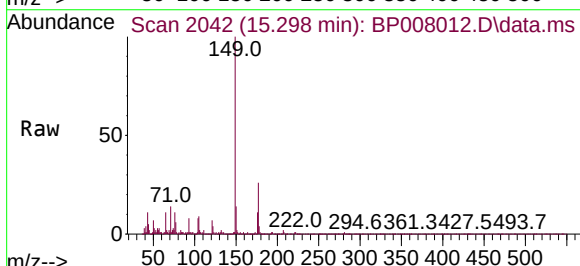
Tgt Ion:149 Resp: 55390

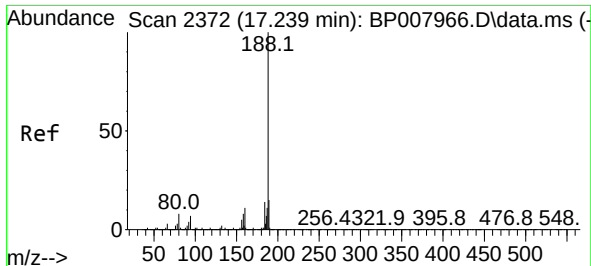
Ion Ratio Lower Upper

149 100

177 25.7 17.8 26.8

150 14.1 10.2 15.2

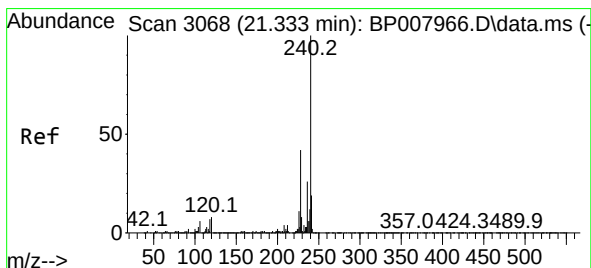
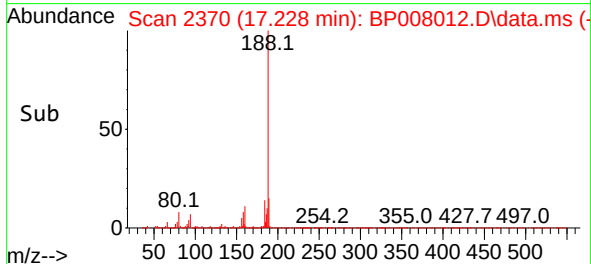
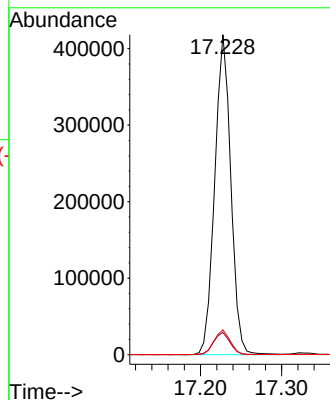
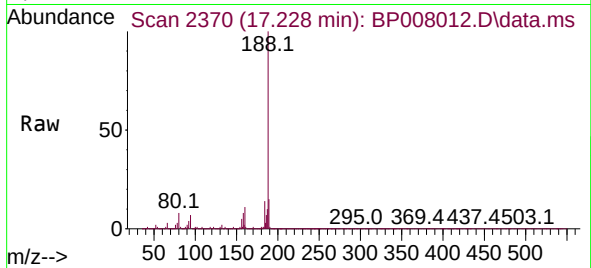




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

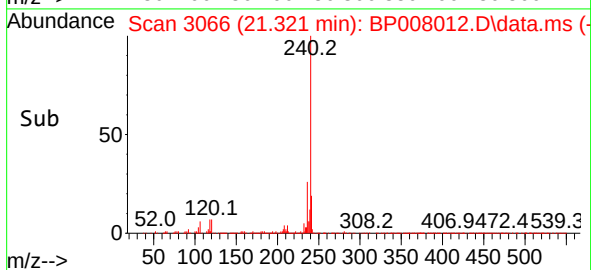
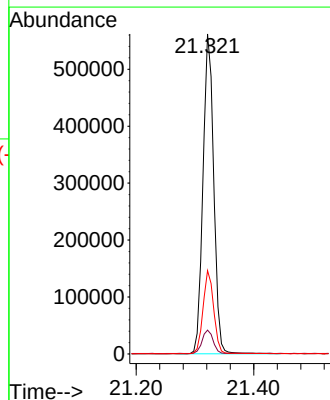
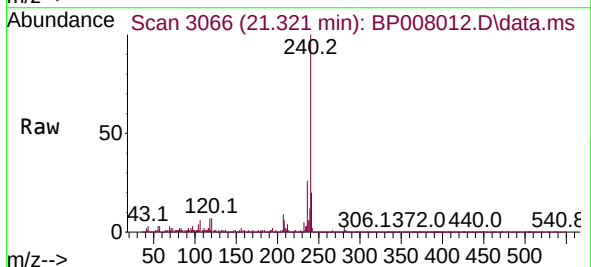
Instrument :
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FLOOR-1-ROOM-3-PILLARS

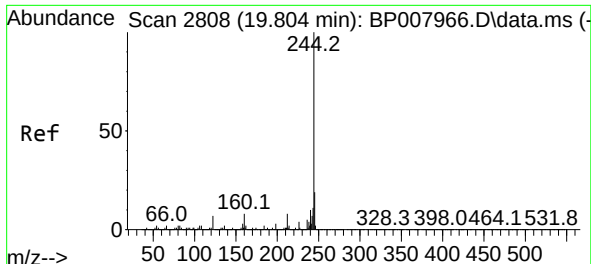
Tgt Ion:188 Resp: 575472
Ion Ratio Lower Upper
188 100
94 6.9 7.1 10.7#
80 7.8 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3066
Delta R.T. -0.012 min
Lab File: BP008012.D
Acq: 18 Nov 2021 12:34

Tgt Ion:240 Resp: 713838
Ion Ratio Lower Upper
240 100
120 7.4 7.8 11.8#
236 26.1 20.6 30.8

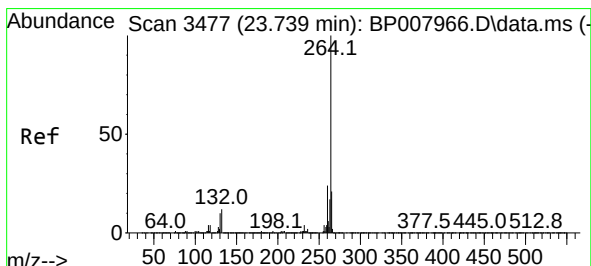
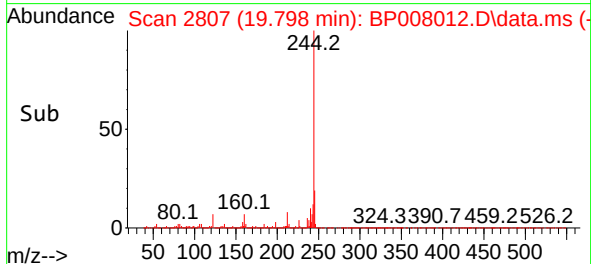
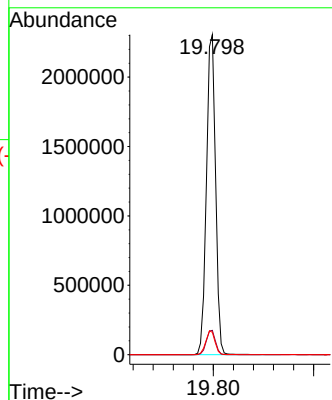
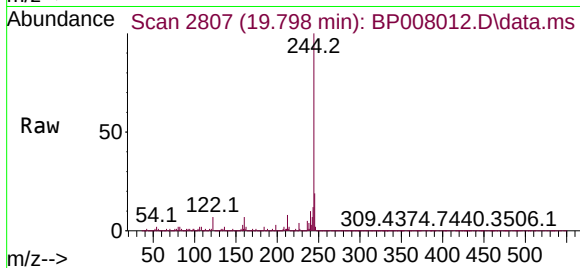




#79
 Terphenyl-d14
 Concen: 82.798 ng
 RT: 19.798 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008012.D
 Acq: 18 Nov 2021 12:34

Instrument :
 BNA_P
 ClientSampleId :
 FLOOR-1-ROOM-3-PILLARS

Tgt Ion:244 Resp: 2914816
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.0 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3474
 Delta R.T. -0.018 min
 Lab File: BP008012.D
 Acq: 18 Nov 2021 12:34

Tgt Ion:264 Resp: 859067
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.7 16.7 25.1

