

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
 Data File : BP007001.D
 Acq On : 16 Sep 2021 18:20
 Operator : CG/JU
 Sample : M3686-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MAIN-GUARD-HOUSE-JET-GROUT

Quant Time: Sep 16 18:48:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 16 15:16:52 2021
 Response via : Initial Calibration

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

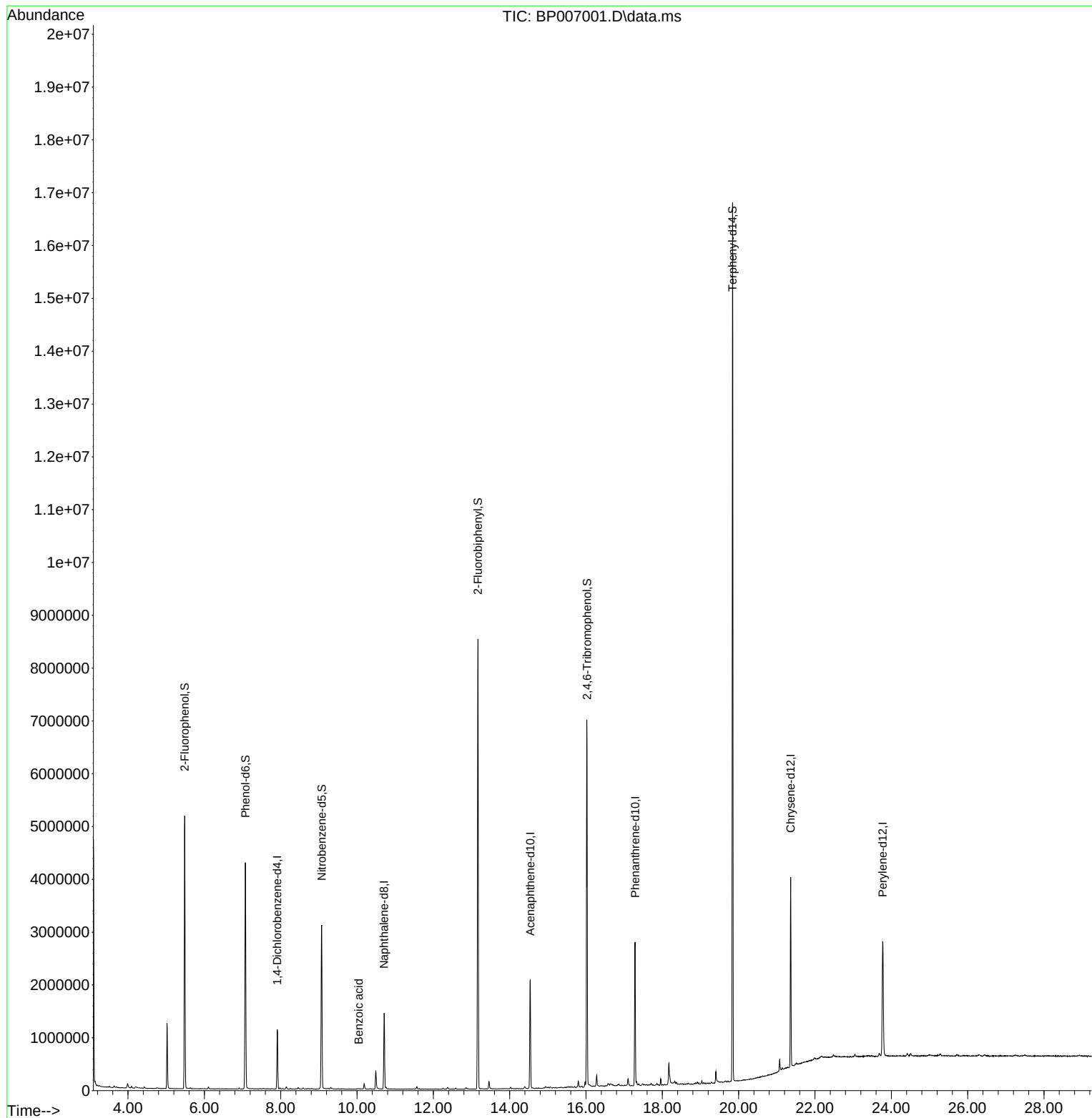
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	317199	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	1195767	20.000	ng	#-0.01
39) Acenaphthene-d10	14.539	164	749299	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	1638739	20.000	ng	# 0.00
76) Chrysene-d12	21.362	240	1672729	20.000	ng	#-0.02
86) Perylene-d12	23.774	264	1649027	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2372822	122.152	ng	0.00
7) Phenol-d6	7.075	99	2590877	97.719	ng	0.00
23) Nitrobenzene-d5	9.075	82	1834936	86.186	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	1348497	149.647	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	4475533	82.457	ng	0.00
79) Terphenyl-d14	19.839	244	7672107	87.999	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.075	77	7134	Below Cal	#	19
32) Benzoic acid	10.045	122	3987	6.372	ng	88

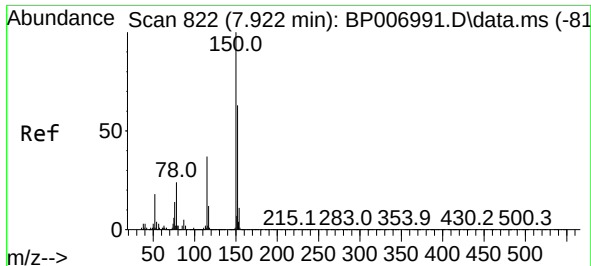
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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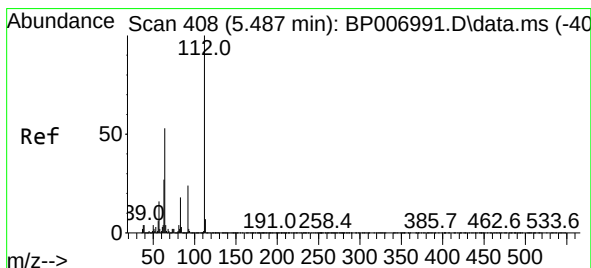
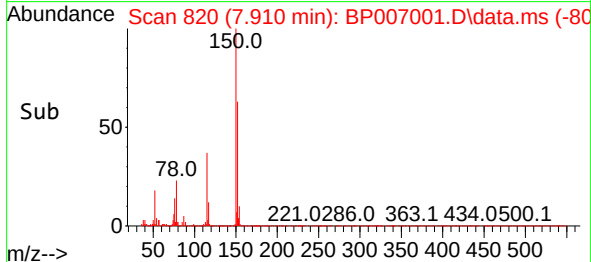
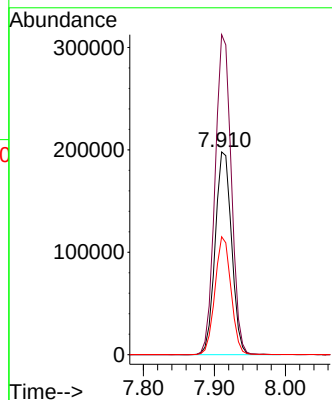
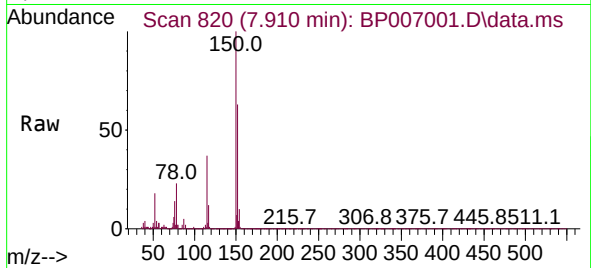




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

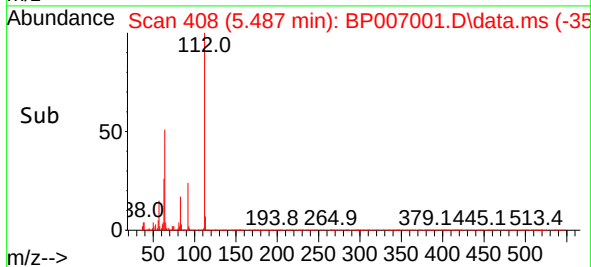
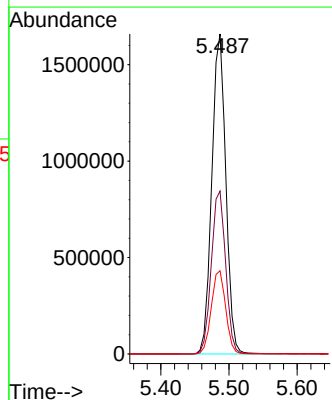
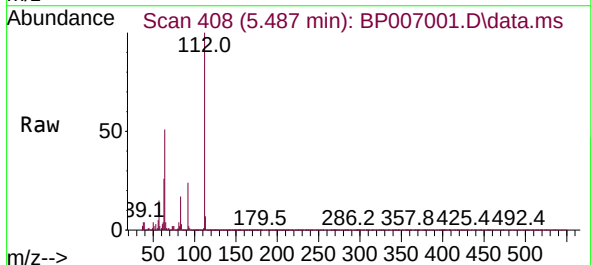
Instrument :
BNA_P
ClientSampleId :
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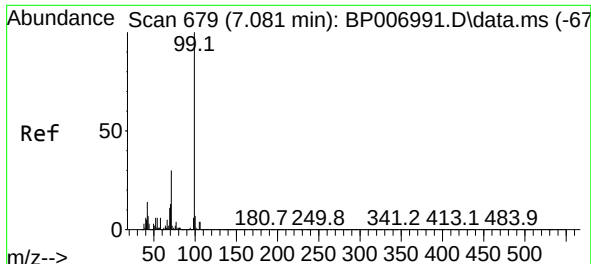
Tgt Ion:152 Resp: 317199
Ion Ratio Lower Upper
152 100
150 157.9 125.6 188.4
115 58.2 48.5 72.7



#5
2-Fluorophenol
Concen: 122.152 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

Tgt Ion:112 Resp: 2372822
Ion Ratio Lower Upper
112 100
64 50.9 41.4 62.2
63 26.0 23.8 35.8

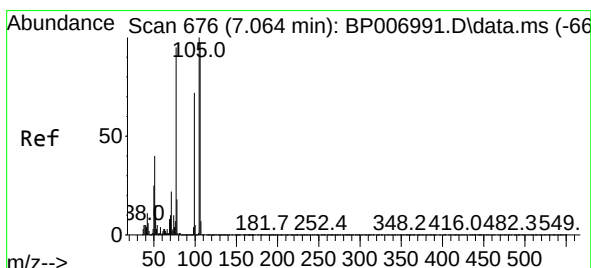
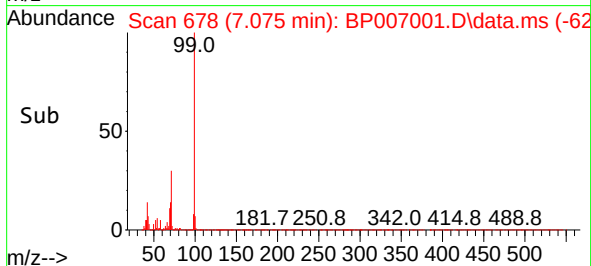
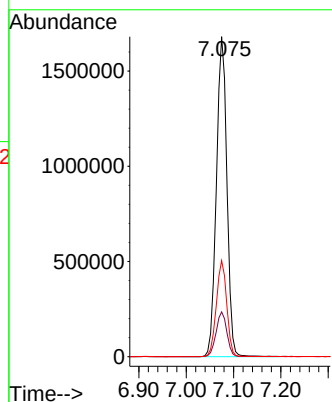
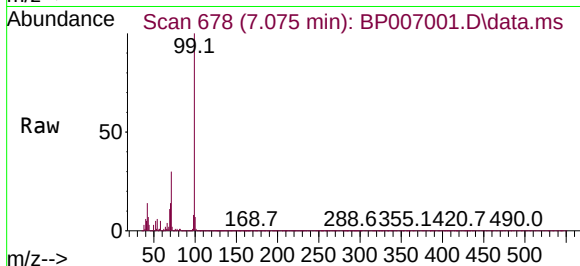




#7
Phenol-d6
Concen: 97.719 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

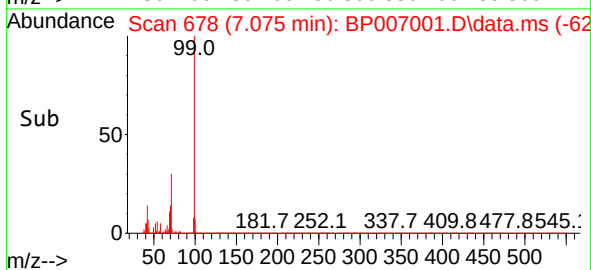
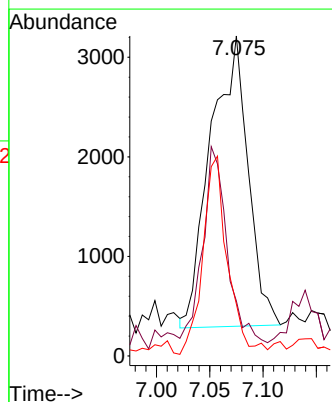
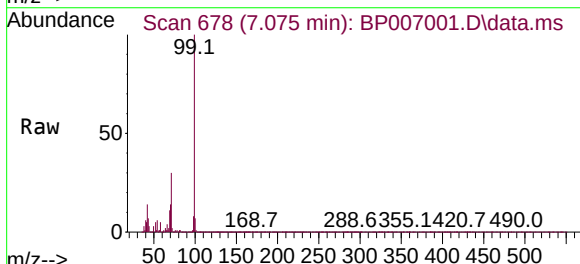
Instrument :
BNA_P
ClientSampleId :
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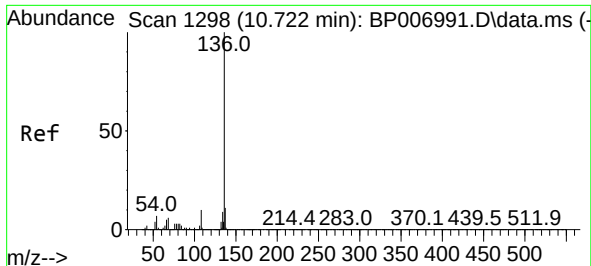
Tgt Ion: 99 Resp: 2590877
Ion Ratio Lower Upper
99 100
42 14.0 13.4 20.0
71 30.0 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.075 min Scan# 678
Delta R.T. 0.011 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

Tgt Ion: 77 Resp: 7134
Ion Ratio Lower Upper
77 100
105 17.2 76.7 116.7#
106 16.2 76.2 116.2#

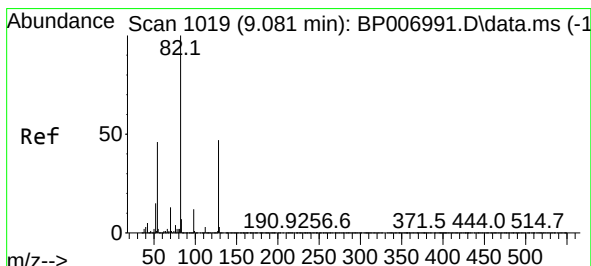
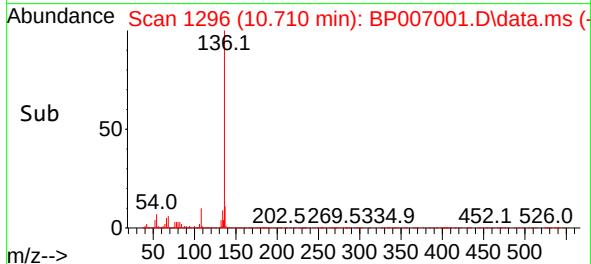
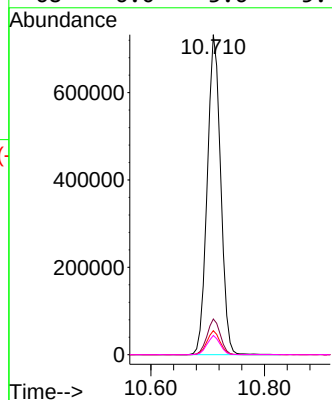
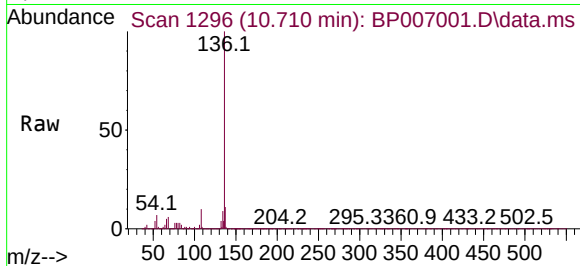




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

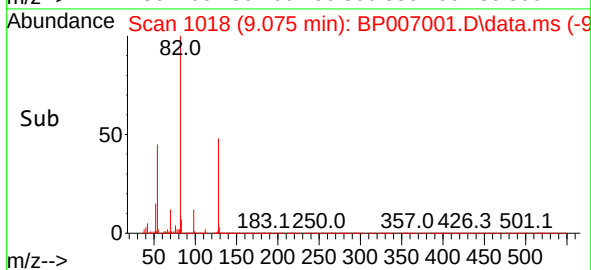
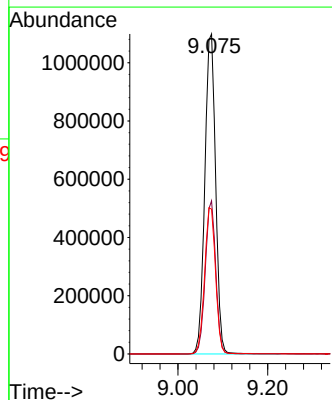
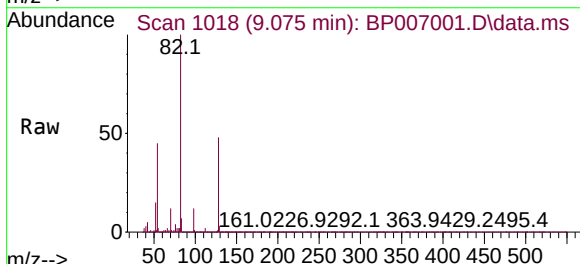
Instrument :
BNA_P
ClientSampleId :
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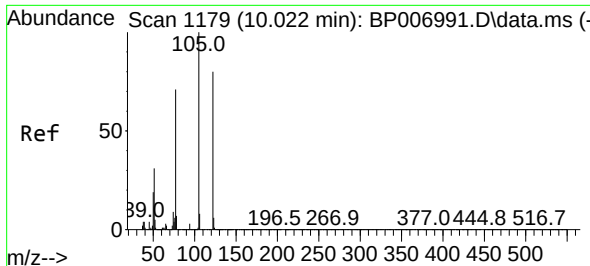
Tgt Ion:136 Resp: 1195767
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 7.5 4.6 6.8#
68 6.0 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 86.186 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

Tgt Ion: 82 Resp: 1834936
Ion Ratio Lower Upper
82 100
128 47.8 35.7 53.5
54 45.3 35.0 52.4

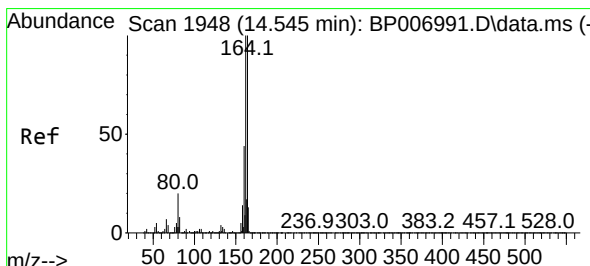
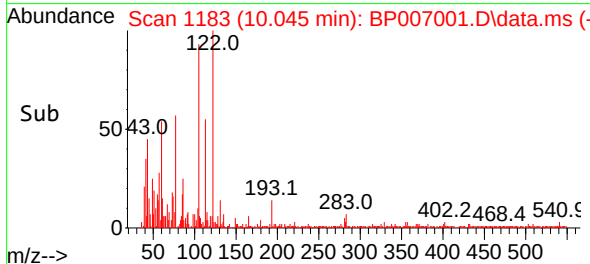
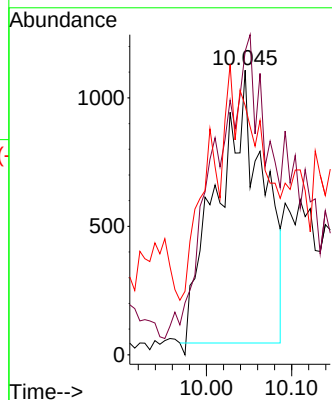
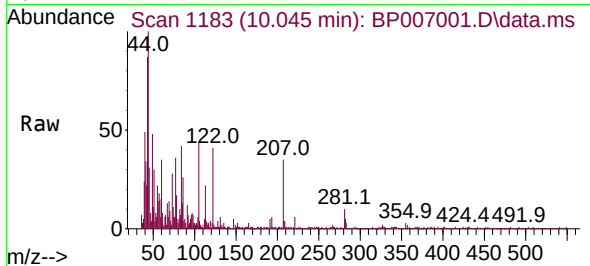




#32
Benzoic acid
Concen: 6.372 ng
RT: 10.045 min Scan# 1183
Delta R.T. 0.023 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

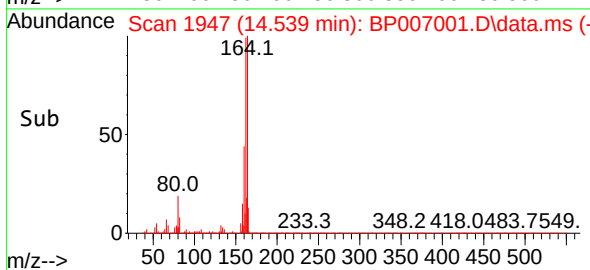
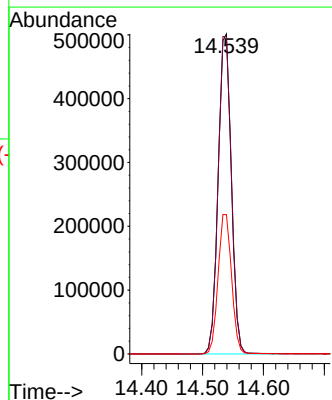
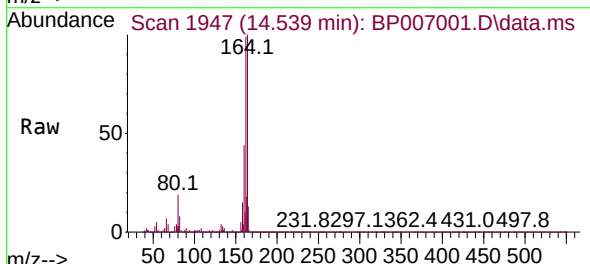
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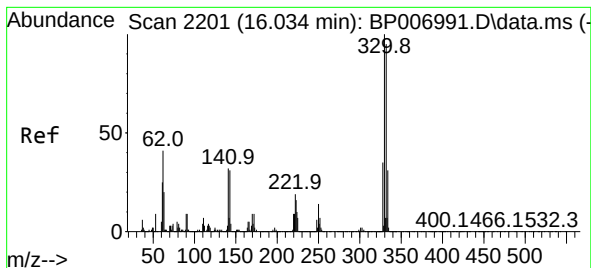
Tgt Ion:122 Resp: 3987
Ion Ratio Lower Upper
122 100
105 106.6 103.2 143.2
77 87.5 76.2 116.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

Tgt Ion:164 Resp: 749299
Ion Ratio Lower Upper
164 100
162 99.1 80.2 120.2
160 43.6 34.5 51.7

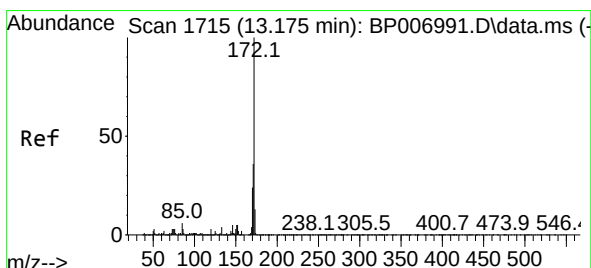
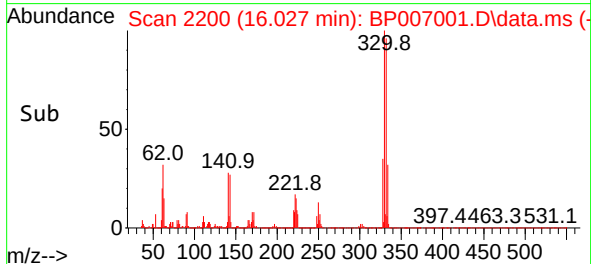
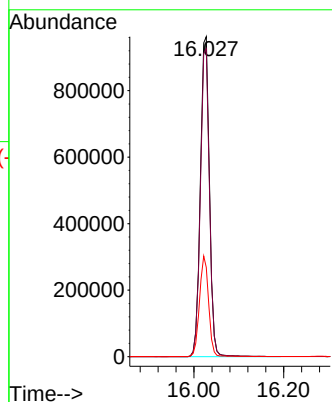
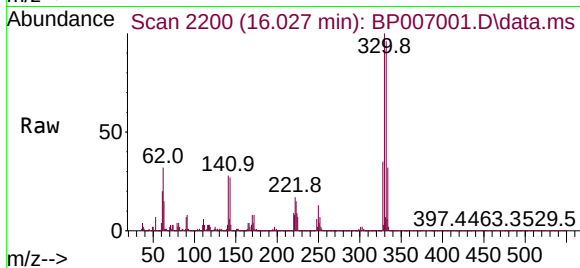




#42
2,4,6-Tribromophenol
Concen: 149.647 ng
RT: 16.027 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

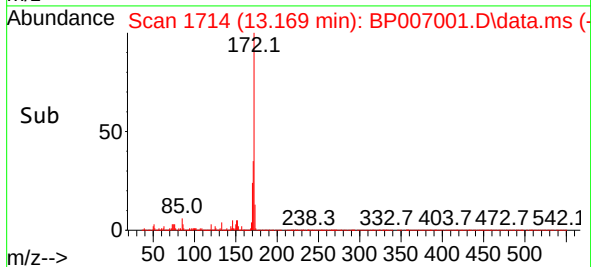
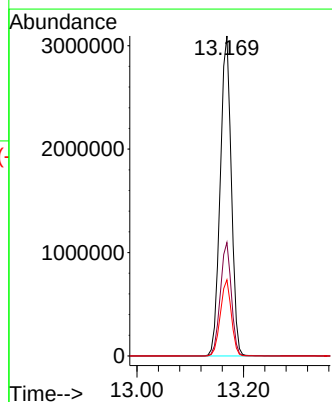
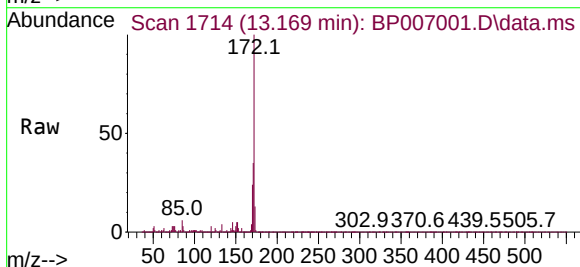
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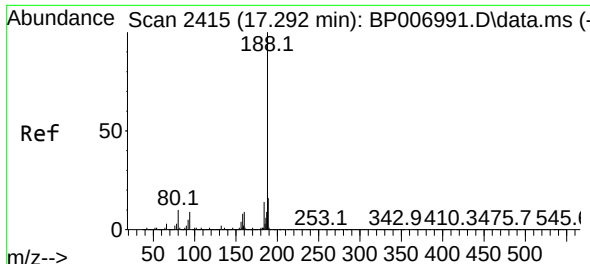
Tgt Ion:330 Resp: 1348497
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 31.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 82.457 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

Tgt Ion:172 Resp: 4475533
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.8 18.6 27.8

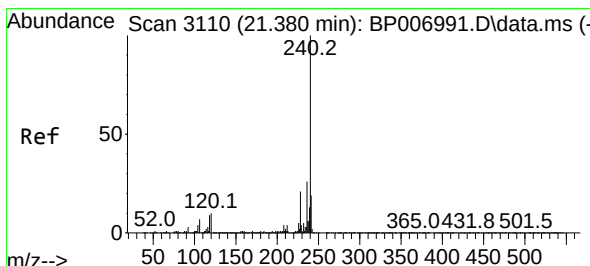
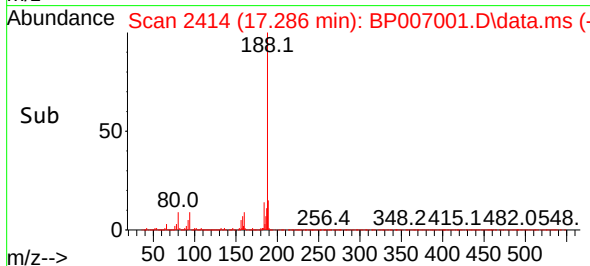
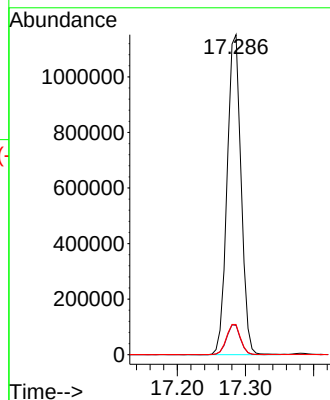
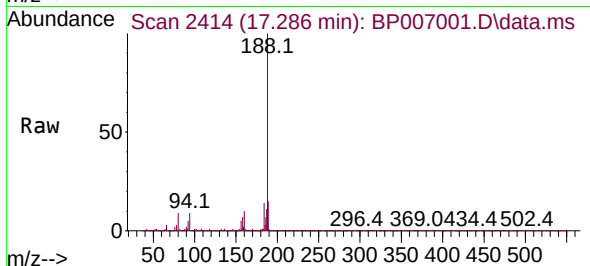




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

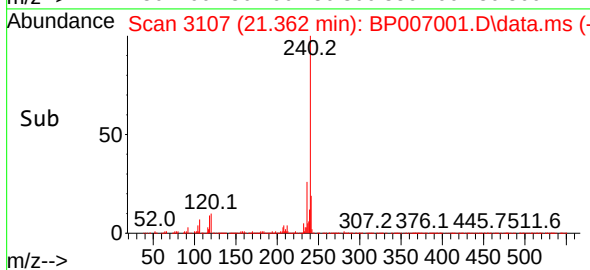
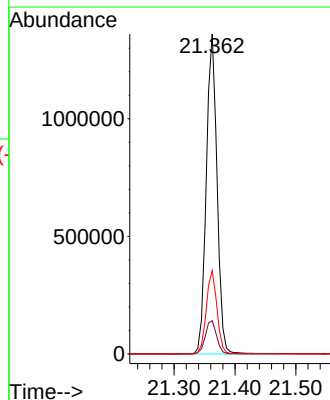
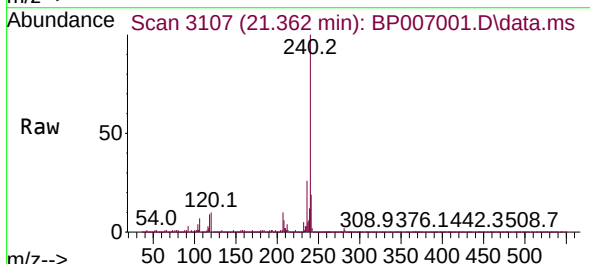
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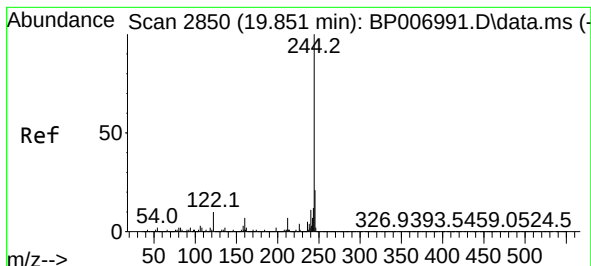
Tgt Ion:188 Resp: 1638739
Ion Ratio Lower Upper
188 100
94 9.2 5.6 8.4#
80 9.4 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3107
Delta R.T. -0.018 min
Lab File: BP007001.D
Acq: 16 Sep 2021 18:20

Tgt Ion:240 Resp: 1672729
Ion Ratio Lower Upper
240 100
120 10.4 6.5 9.7#
236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 87.999 ng

RT: 19.839 min Scan# 2848

Delta R.T. -0.012 min

Lab File: BP007001.D

Acq: 16 Sep 2021 18:20

Instrument :

BNA_P

ClientSampleId :

MAIN-GUARD-HOUSE-JET-GROUT

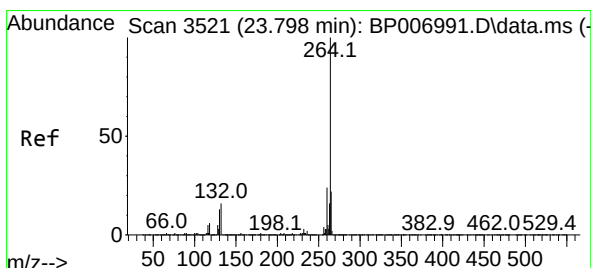
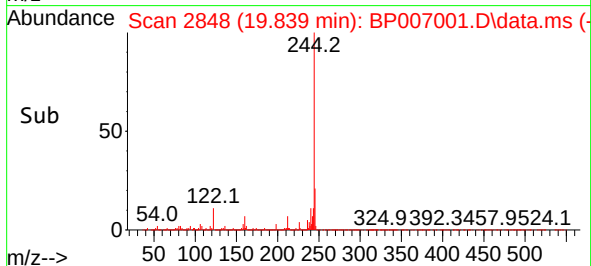
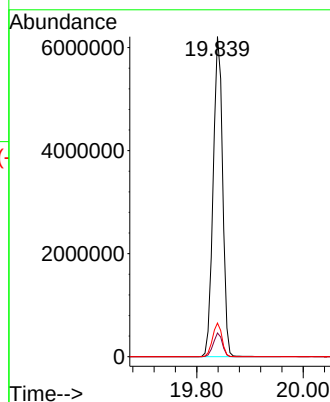
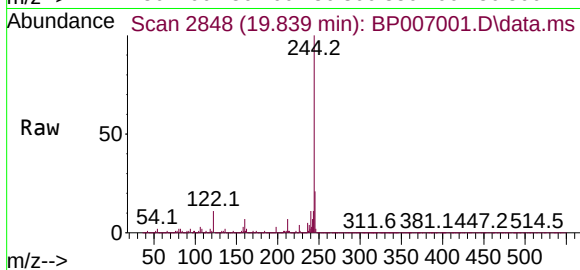
Tgt Ion:244 Resp: 7672107

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3517

Delta R.T. -0.024 min

Lab File: BP007001.D

Acq: 16 Sep 2021 18:20

Tgt Ion:264 Resp: 1649027

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.3 17.6 26.4

