

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
 Data File : BP007854.D
 Acq On : 04 Nov 2021 18:36
 Operator : CG/JU
 Sample : M4497-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 346

Quant Time: Nov 07 11:17:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

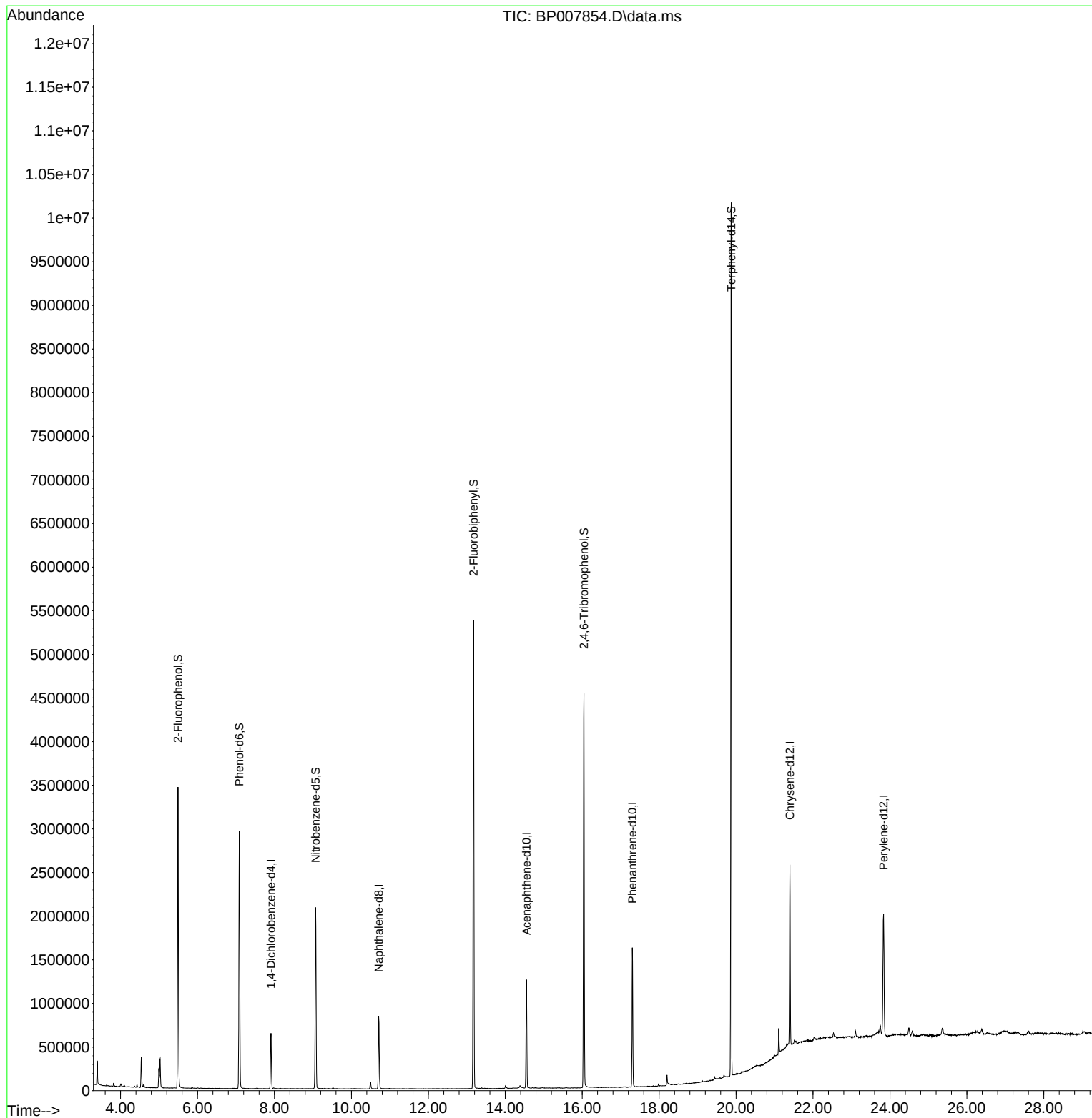
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	178764	20.000	ng	-0.01
21) Naphthalene-d8	10.710	136	676778	20.000	ng	-0.02
39) Acenaphthene-d10	14.551	164	436130	20.000	ng	-0.01
64) Phenanthrene-d10	17.304	188	936509	20.000	ng	-0.02
76) Chrysene-d12	21.398	240	1011545	20.000	ng	-0.02
86) Perylene-d12	23.833	264	1102552	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1517699	143.984	ng	0.00
7) Phenol-d6	7.087	99	1703766	111.674	ng	0.00
23) Nitrobenzene-d5	9.069	82	1182868	93.887	ng	-0.02
42) 2,4,6-Tribromophenol	16.045	330	893011	143.474	ng	-0.01
45) 2-Fluorobiphenyl	13.175	172	2795517	93.345	ng	-0.02
79) Terphenyl-d14	19.875	244	4751687	95.654	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.387	88	358	Below Cal	Qvalue #	1

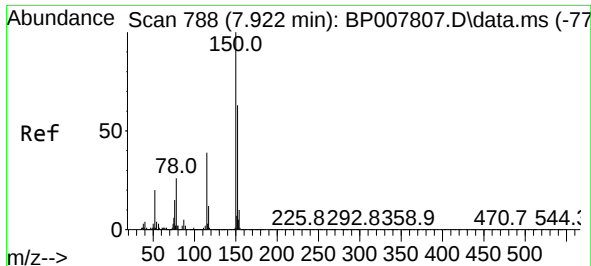
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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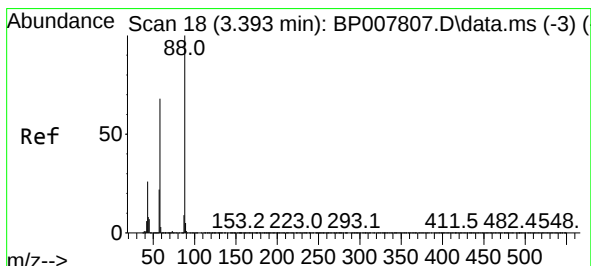
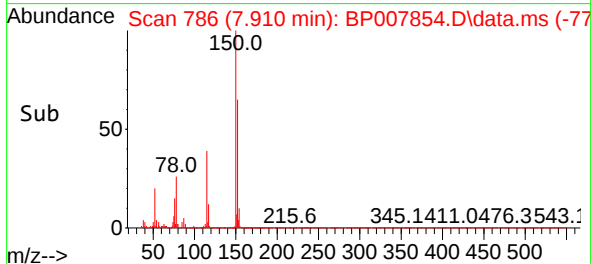
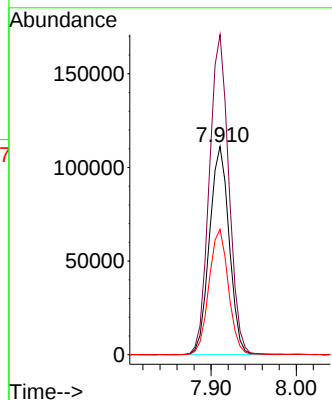
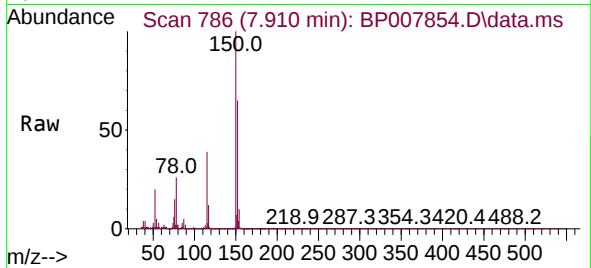




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP007854.D
Acq: 04 Nov 2021 18:36

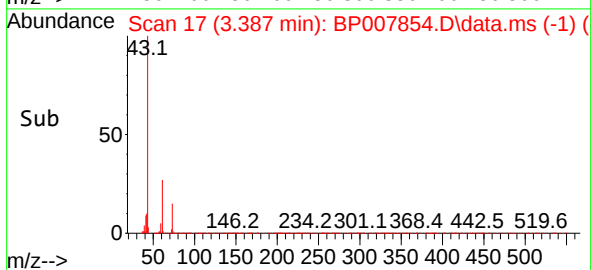
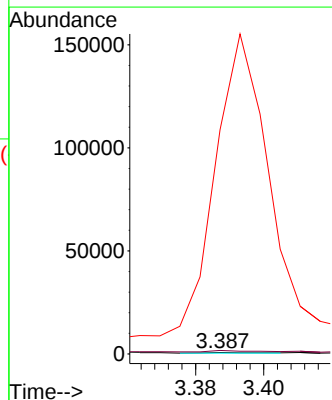
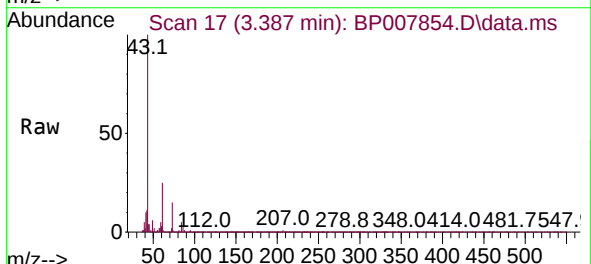
Instrument :
BNA_P
ClientSampleId :
346

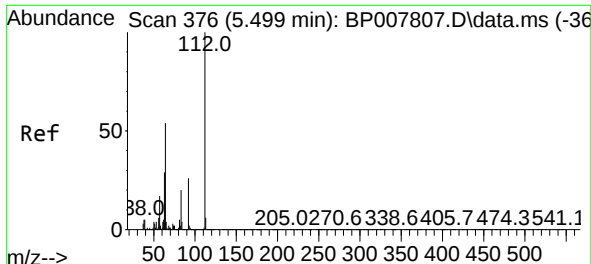
Tgt Ion:152 Resp: 178764
Ion Ratio Lower Upper
152 100
150 153.8 124.1 186.1
115 60.2 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.387 min Scan# 17
Delta R.T. -0.006 min
Lab File: BP007854.D
Acq: 04 Nov 2021 18:36

Tgt Ion: 88 Resp: 358
Ion Ratio Lower Upper
88 100
58 267.0 58.1 87.1#
43 47470.7 22.2 33.4#

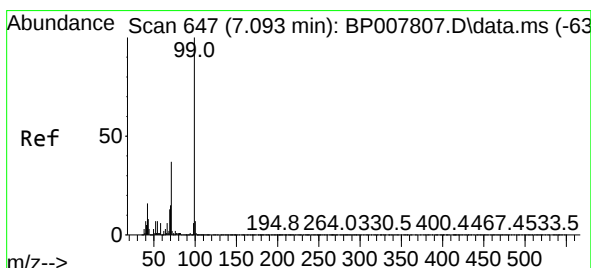
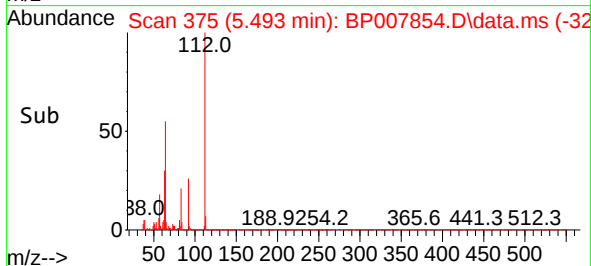
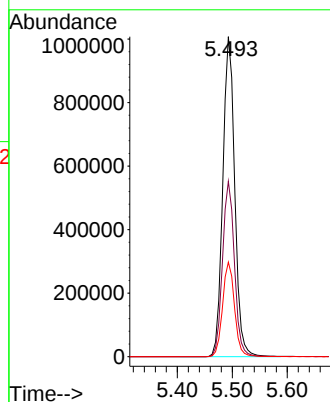
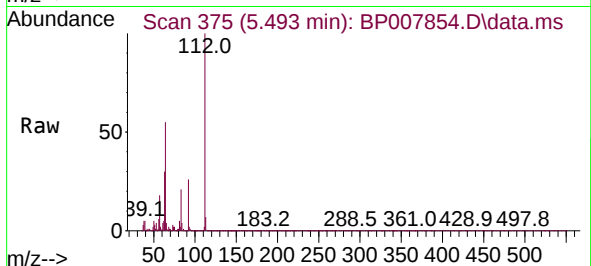




#5
2-Fluorophenol
Concen: 143.984 ng
RT: 5.493 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP007854.D
Acq: 04 Nov 2021 18:36

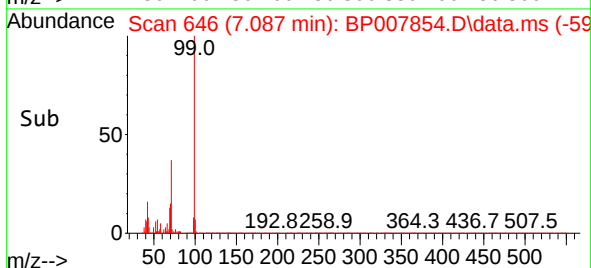
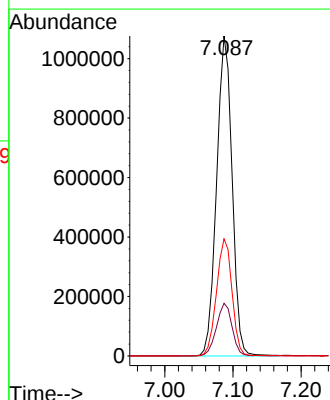
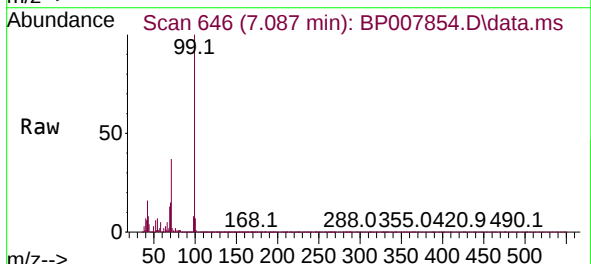
Instrument :
BNA_P
ClientSampleId :
346

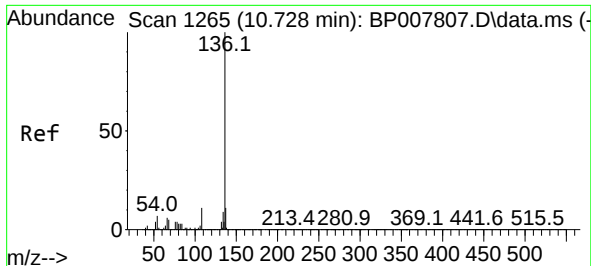
Tgt Ion:112 Resp: 1517699
Ion Ratio Lower Upper
112 100
64 54.8 46.6 70.0
63 29.6 25.0 37.6



#7
Phenol-d6
Concen: 111.674 ng
RT: 7.087 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP007854.D
Acq: 04 Nov 2021 18:36

Tgt Ion: 99 Resp: 1703766
Ion Ratio Lower Upper
99 100
42 16.5 14.9 22.3
71 36.6 29.2 43.8



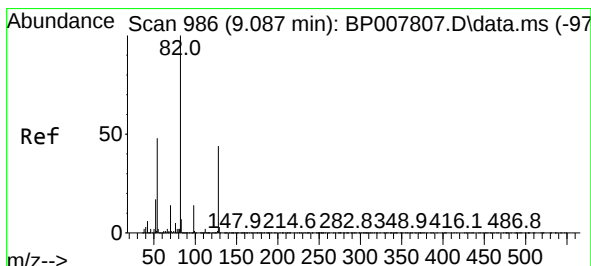
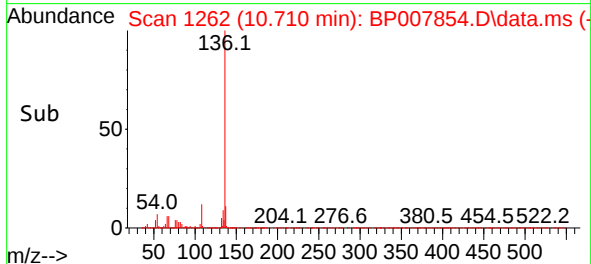
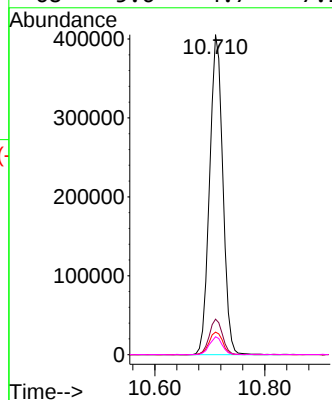
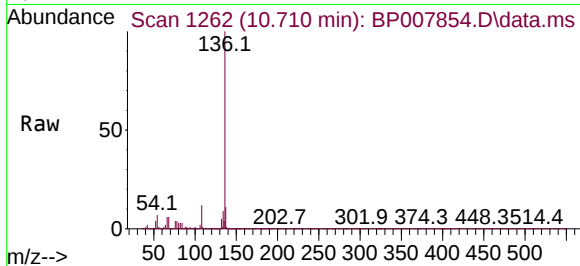


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP007854.D
Acq: 04 Nov 2021 18:36

Instrument :
BNA_P
ClientSampleId :
346

Tgt Ion:136 Resp: 676778

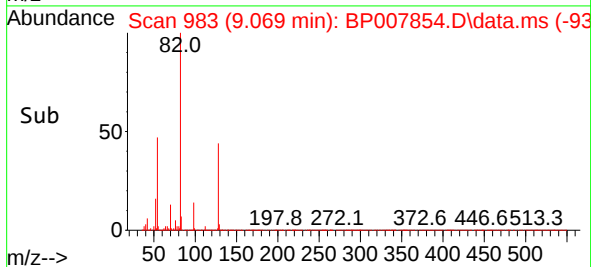
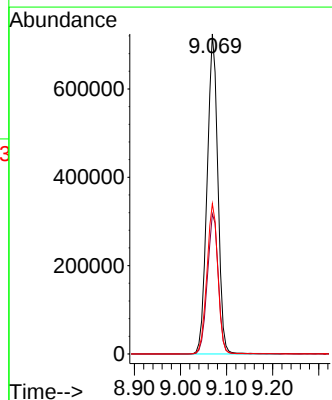
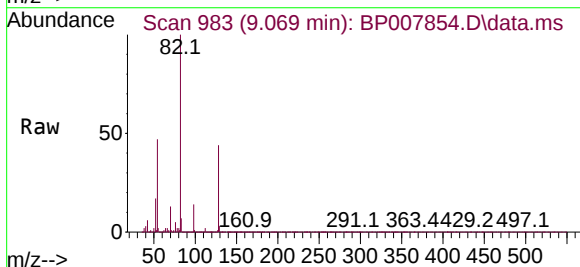
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.1	6.2	9.4
68	5.6	4.7	7.1

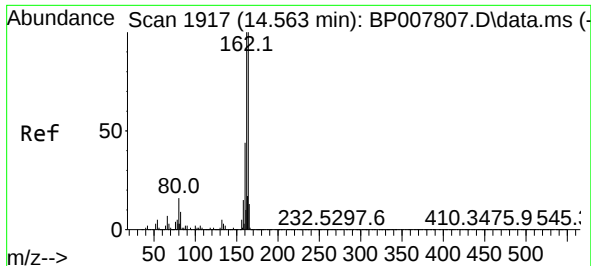


#23
Nitrobenzene-d5
Concen: 93.887 ng
RT: 9.069 min Scan# 983
Delta R.T. -0.018 min
Lab File: BP007854.D
Acq: 04 Nov 2021 18:36

Tgt Ion: 82 Resp: 1182868

Ion	Ratio	Lower	Upper
82	100		
128	43.8	32.6	48.8
54	46.9	40.4	60.6

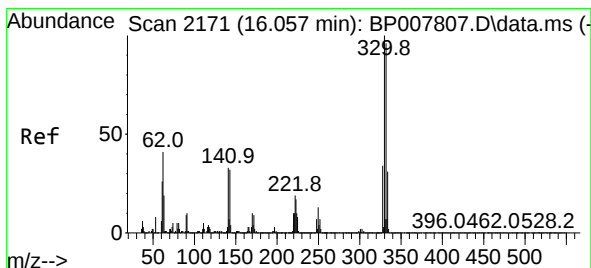
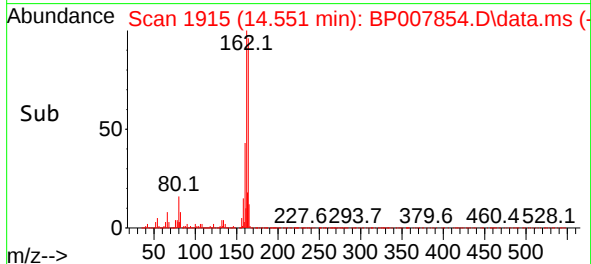
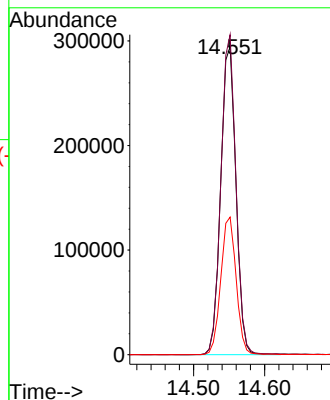
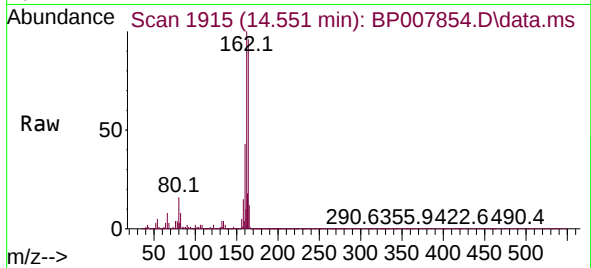




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP007854.D
Acq: 04 Nov 2021 18:36

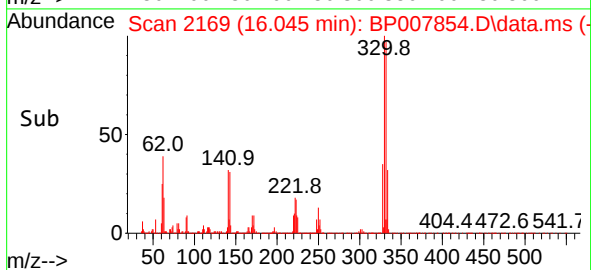
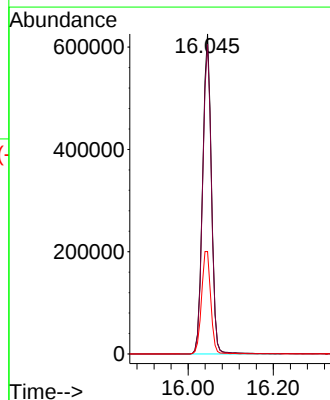
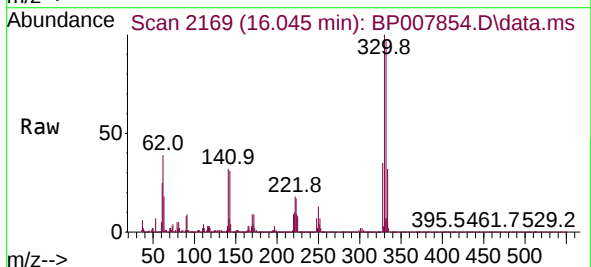
Instrument :
BNA_P
ClientSampleId :
346

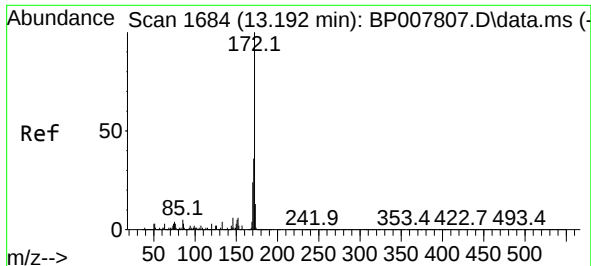
Tgt Ion:164 Resp: 436130
Ion Ratio Lower Upper
164 100
162 103.8 81.1 121.7
160 44.7 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 143.474 ng
RT: 16.045 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BP007854.D
Acq: 04 Nov 2021 18:36

Tgt Ion:330 Resp: 893011
Ion Ratio Lower Upper
330 100
332 97.0 78.9 118.3
141 33.6 30.7 46.1

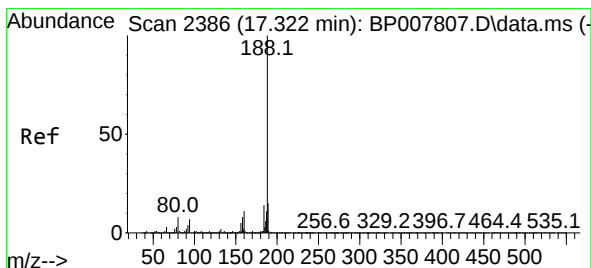
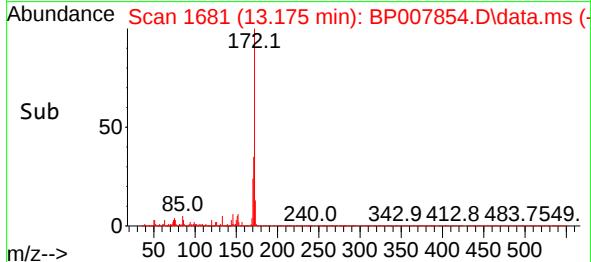
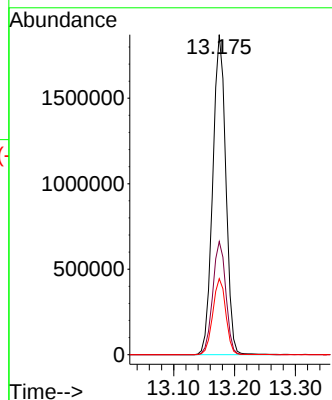
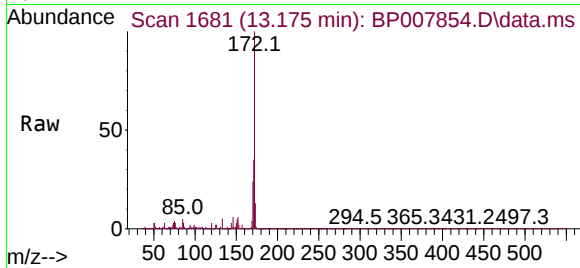




#45
2-Fluorobiphenyl
Concen: 93.345 ng
RT: 13.175 min Scan# 1681
Delta R.T. -0.018 min
Lab File: BP007854.D
Acq: 04 Nov 2021 18:36

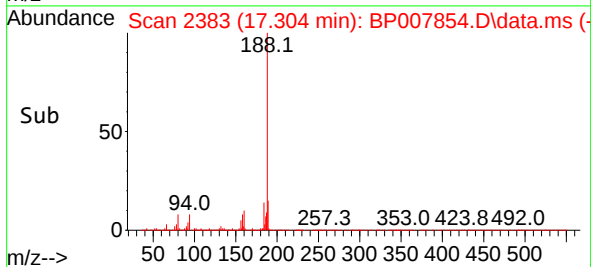
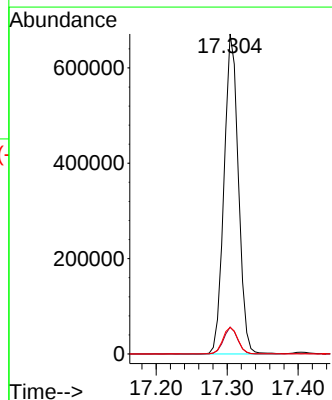
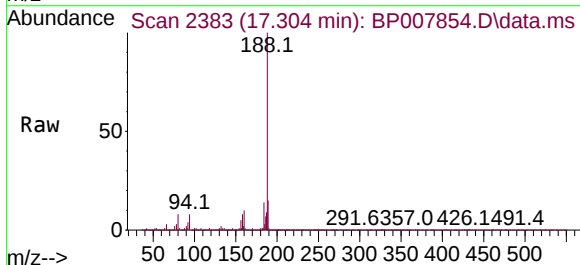
Instrument :
BNA_P
ClientSampleId :
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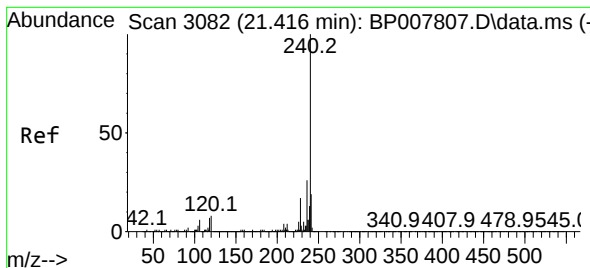
Tgt Ion:172 Resp: 2795517
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.7 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2383
Delta R.T. -0.018 min
Lab File: BP007854.D
Acq: 04 Nov 2021 18:36

Tgt Ion:188 Resp: 936509
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 8.3 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 30

Delta R.T. -0.018 min

Lab File: BP007854.D

Acq: 04 Nov 2021 18:36

Instrument :

BNA_P

ClientSampleId :

346

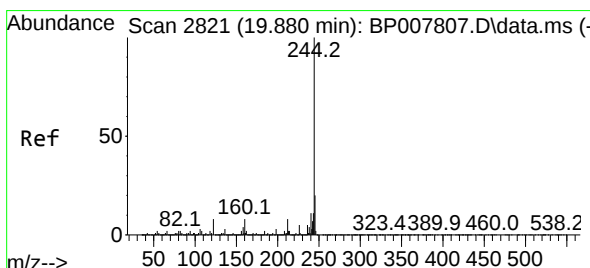
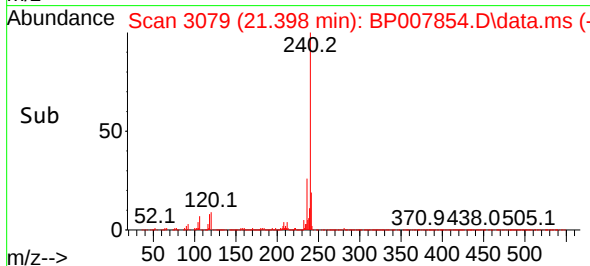
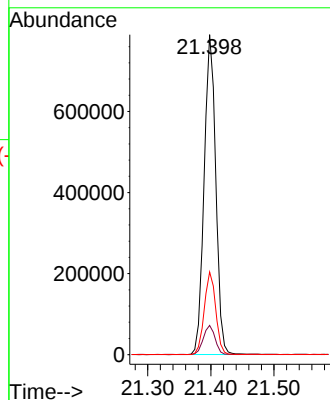
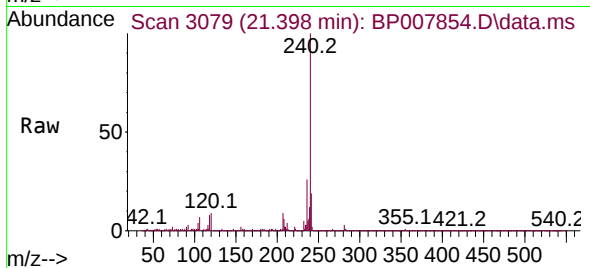
Tgt Ion:240 Resp: 1011545

Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.8

236 25.8 20.6 30.8



#79

Terphenyl-d14

Concen: 95.654 ng

RT: 19.875 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BP007854.D

Acq: 04 Nov 2021 18:36

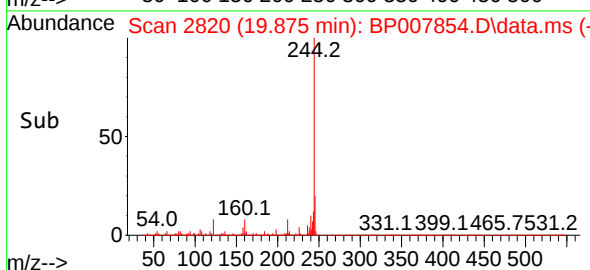
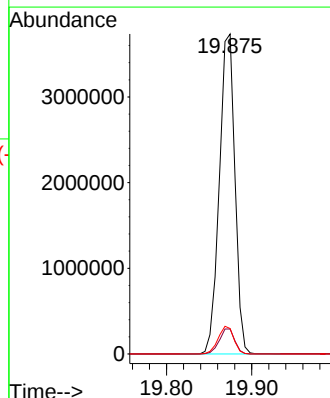
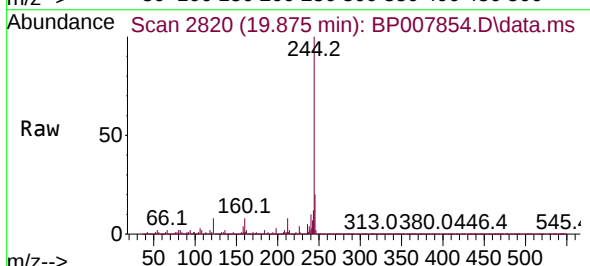
Tgt Ion:244 Resp: 4751687

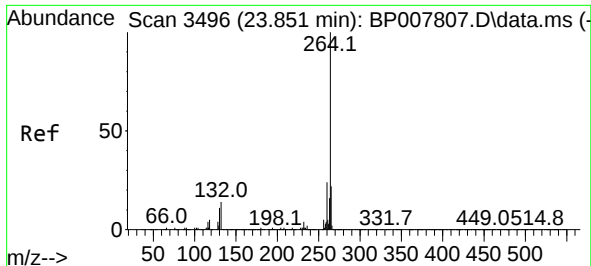
Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 8.0 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.833 min Scan# 34
 Delta R.T. -0.018 min
 Lab File: BP007854.D
 Acq: 04 Nov 2021 18:36

Instrument :
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Tgt Ion:264 Resp: 1102552
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 22.0 16.7 25.1

