

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
 Data File : BP007108.D
 Acq On : 22 Sep 2021 20:53
 Operator : CG/JU
 Sample : M3733-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NAPL-AREA-02-(5-8)

Quant Time: Sep 23 01:07:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 16:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	286366	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	1109082	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	681672	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	1432072	20.000	ng	#-0.01
76) Chrysene-d12	21.357	240	1418276	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	1482231	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1727039	100.954	ng	0.00
7) Phenol-d6	7.063	99	2125884	90.922	ng	0.00
23) Nitrobenzene-d5	9.057	82	1210079	63.539	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	926420	104.828	ng	-0.01
45) 2-Fluorobiphenyl	13.151	172	2977246	62.571	ng	-0.01
79) Terphenyl-d14	19.828	244	4475230	60.466	ng	-0.01

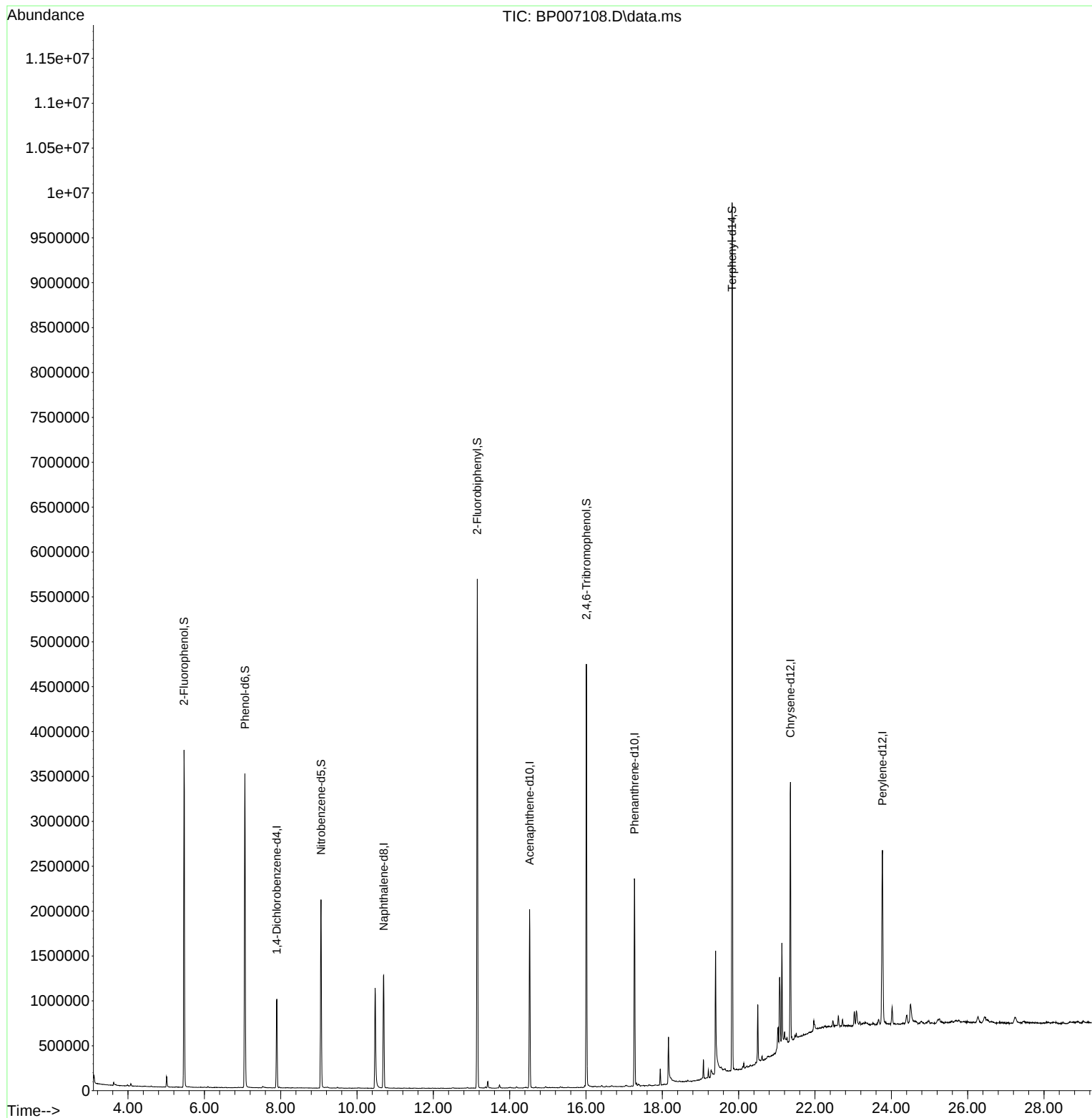
Target Compounds	Qvalue

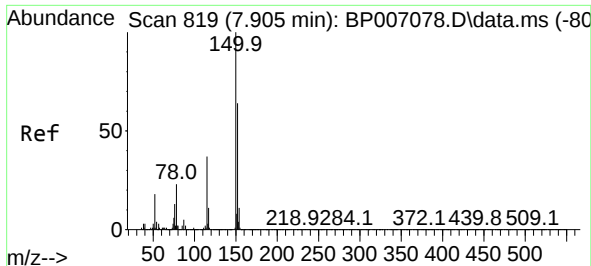
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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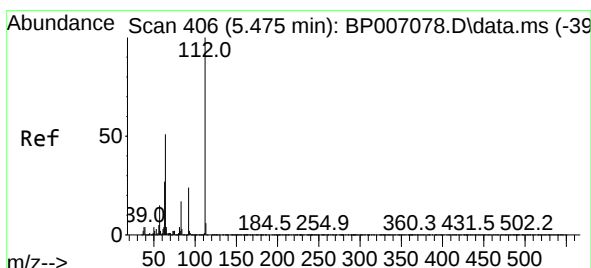
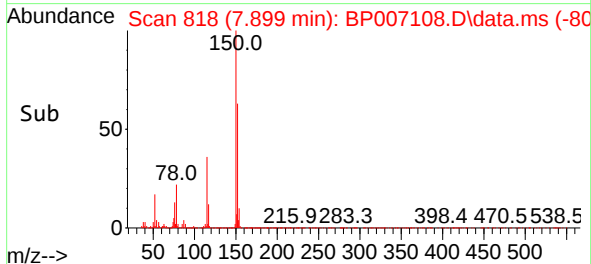
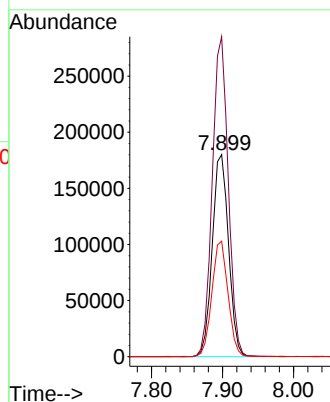
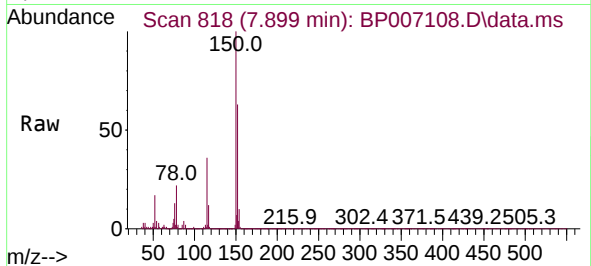




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP007108.D
Acq: 22 Sep 2021 20:53

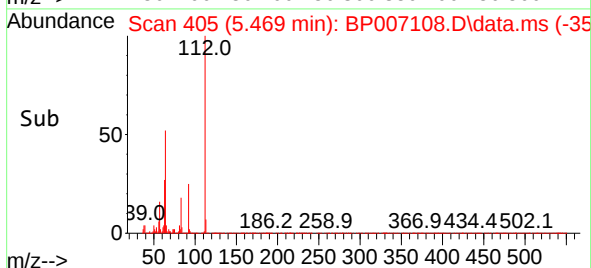
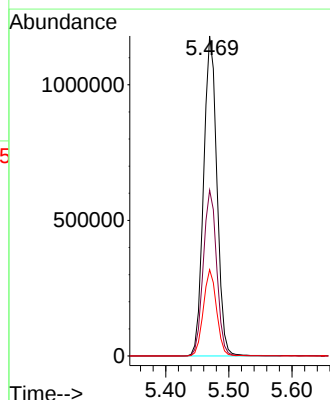
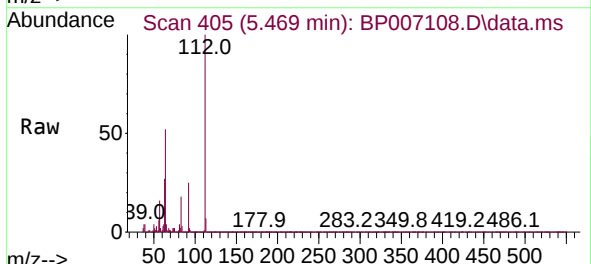
Instrument :
BNA_P
ClientSampleId :
NAPL-AREA-02-(5-8)

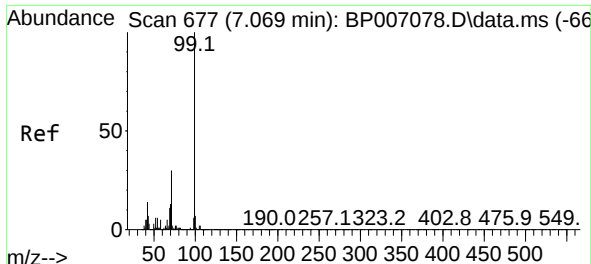
Tgt Ion:152 Resp: 286366
Ion Ratio Lower Upper
152 100
150 158.4 125.6 188.4
115 57.2 48.5 72.7



#5
2-Fluorophenol
Concen: 100.954 ng
RT: 5.469 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP007108.D
Acq: 22 Sep 2021 20:53

Tgt Ion:112 Resp: 1727039
Ion Ratio Lower Upper
112 100
64 51.8 41.4 62.2
63 27.0 23.8 35.8

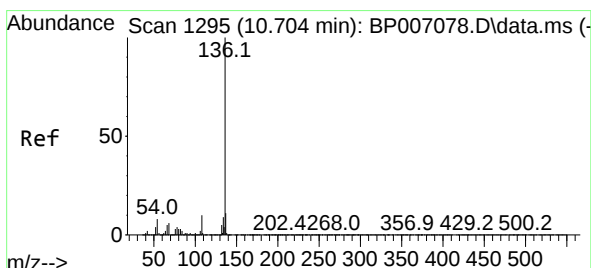
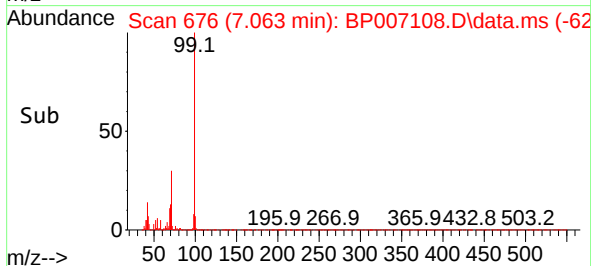
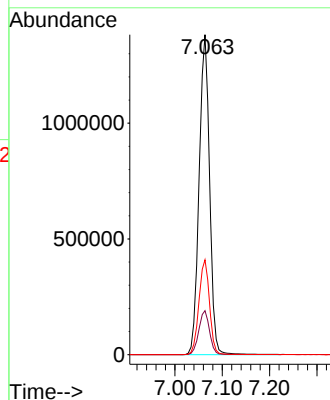
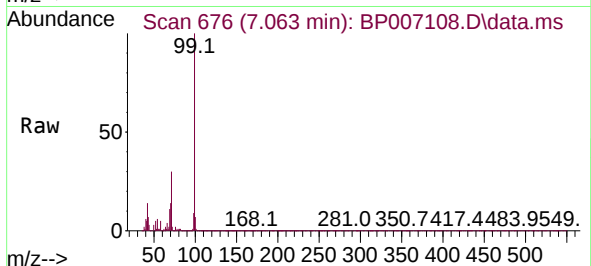




#7
Phenol-d6
Concen: 90.922 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.006 min
Lab File: BP007108.D
Acq: 22 Sep 2021 20:53

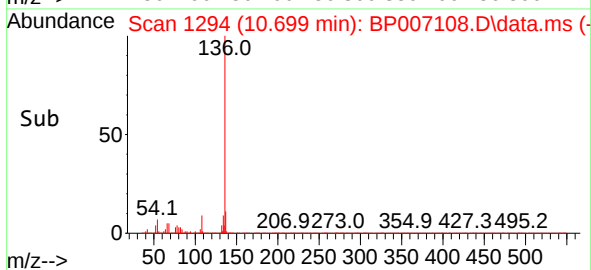
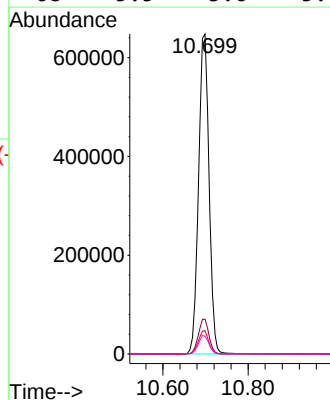
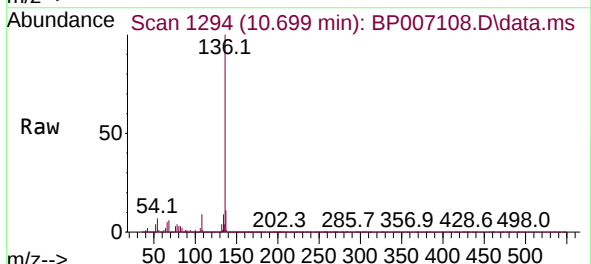
Instrument :
BNA_P
ClientSampleId :
NAPL-AREA-02-(5-8)

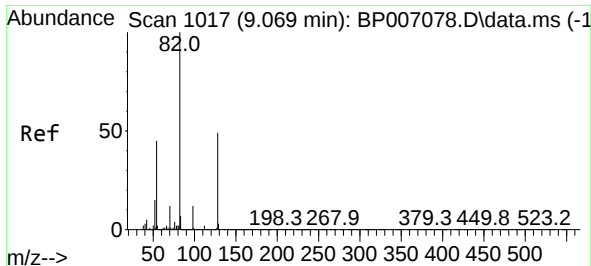
Tgt Ion: 99 Resp: 2125884
Ion Ratio Lower Upper
99 100
42 13.7 13.4 20.0
71 29.7 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP007108.D
Acq: 22 Sep 2021 20:53

Tgt Ion:136 Resp: 1109082
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.3 4.6 6.8#
68 5.5 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 63.539 ng

RT: 9.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BP007108.D

Acq: 22 Sep 2021 20:53

Tgt Ion: 82 Resp: 1210079

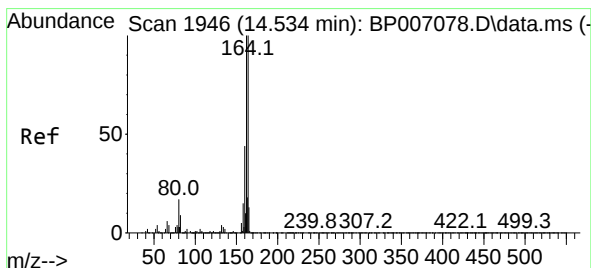
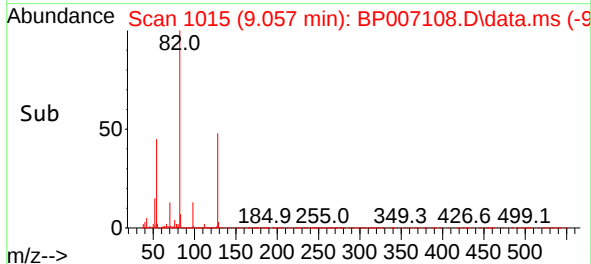
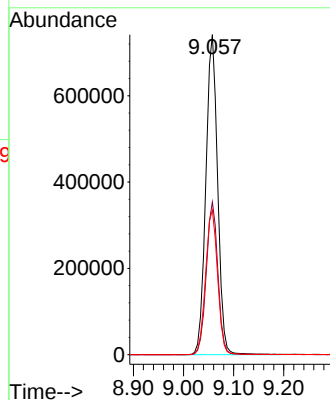
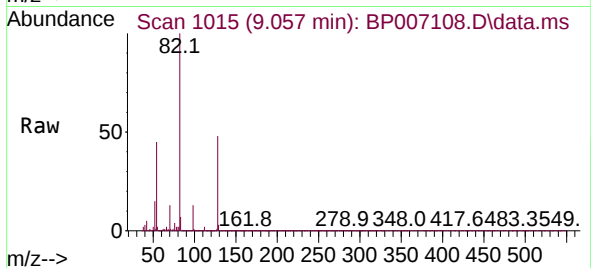
Ion	Ratio	Lower	Upper
82	100		
128	47.7	35.7	53.5
54	45.1	35.0	52.4

Instrument :

BNA_P

ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.522 min Scan# 1944

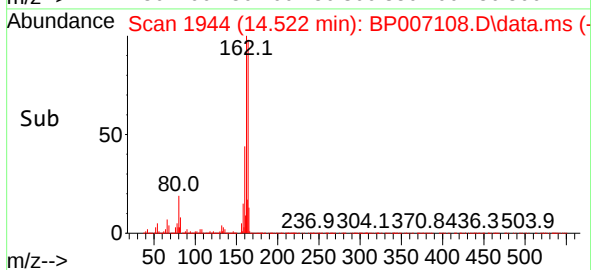
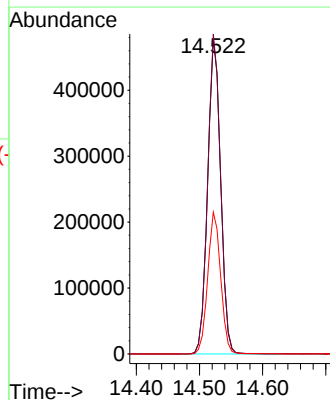
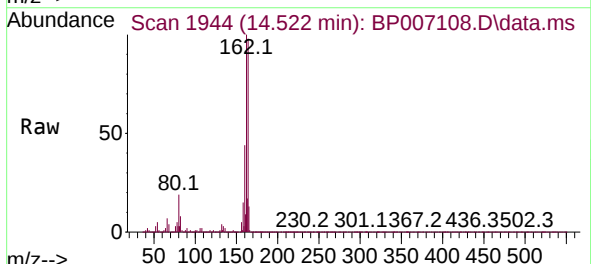
Delta R.T. -0.012 min

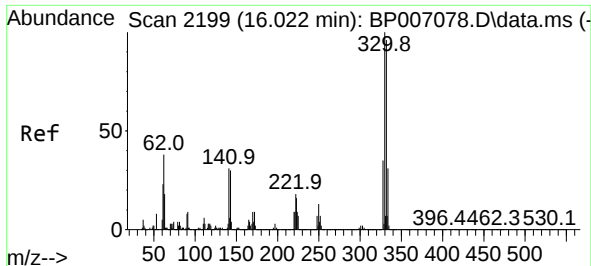
Lab File: BP007108.D

Acq: 22 Sep 2021 20:53

Tgt Ion: 164 Resp: 681672

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	45.0	34.5	51.7

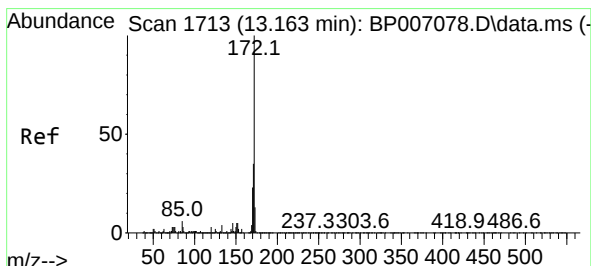
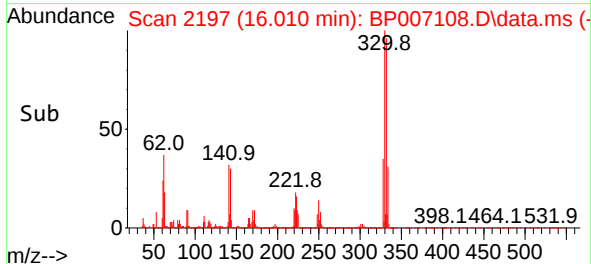
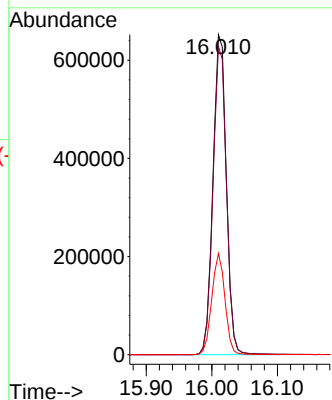
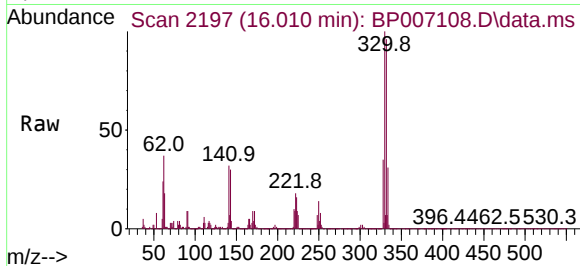




#42
2,4,6-Tribromophenol
Concen: 104.828 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BP007108.D
Acq: 22 Sep 2021 20:53

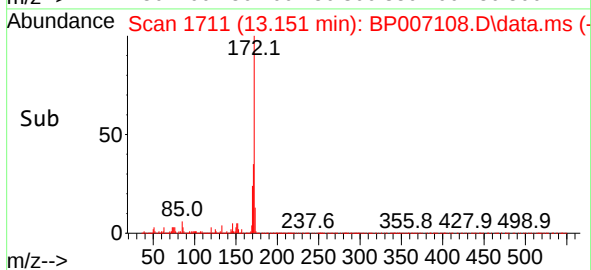
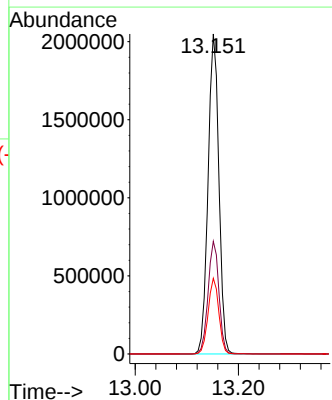
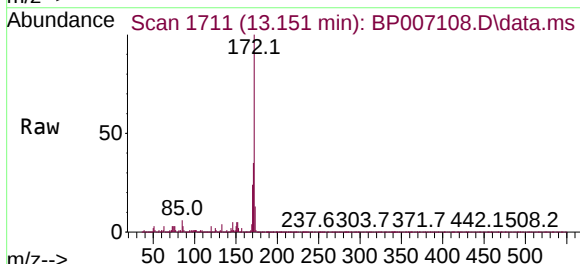
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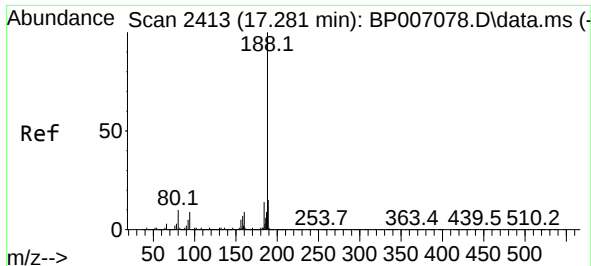
Tgt Ion:330 Resp: 926420
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 31.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 62.571 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP007108.D
Acq: 22 Sep 2021 20:53

Tgt Ion:172 Resp: 2977246
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.7 18.6 27.8

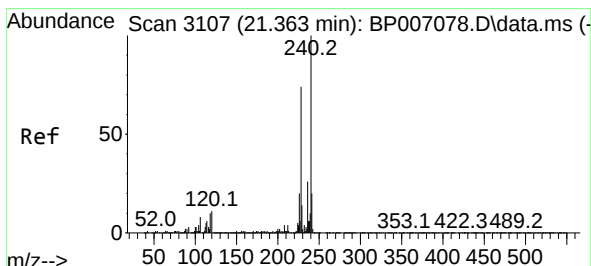
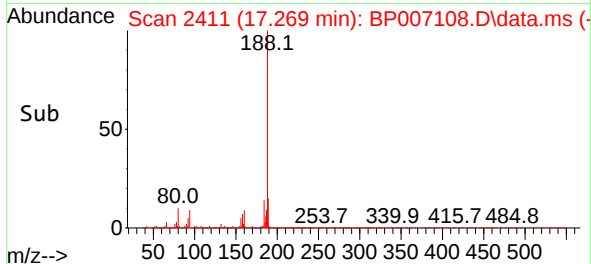
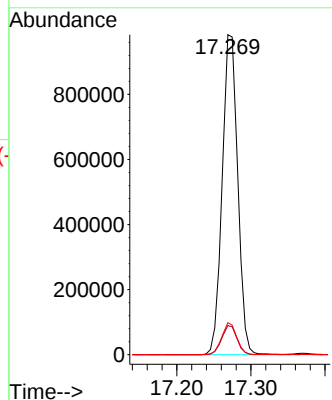
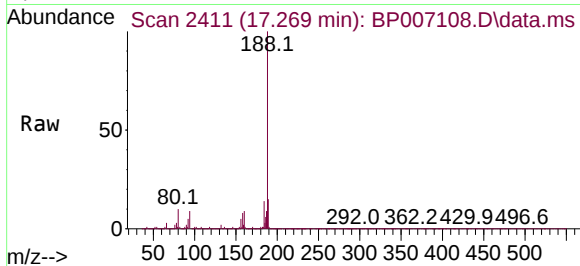




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP007108.D
Acq: 22 Sep 2021 20:53

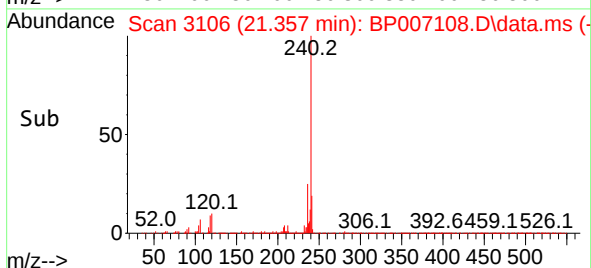
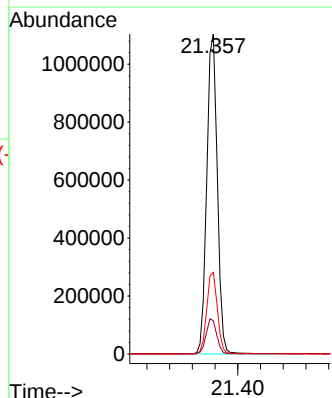
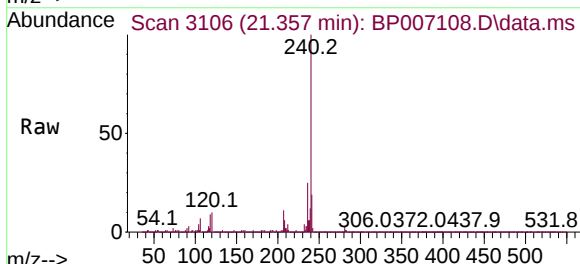
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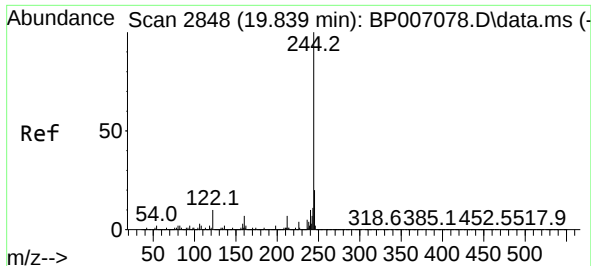
Tgt Ion:188 Resp: 1432072
Ion Ratio Lower Upper
188 100
94 9.1 5.6 8.4#
80 10.0 6.3 9.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP007108.D
Acq: 22 Sep 2021 20:53

Tgt Ion:240 Resp: 1418276
Ion Ratio Lower Upper
240 100
120 10.4 6.5 9.7#
236 25.5 20.6 31.0

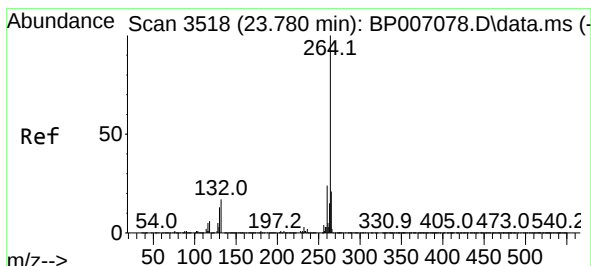
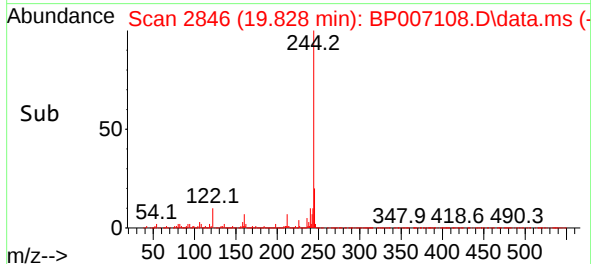
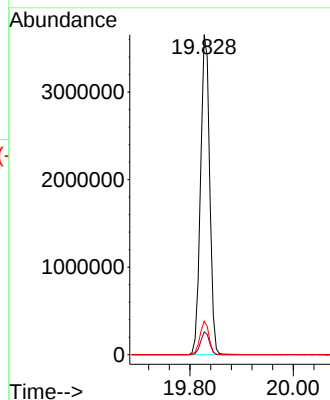
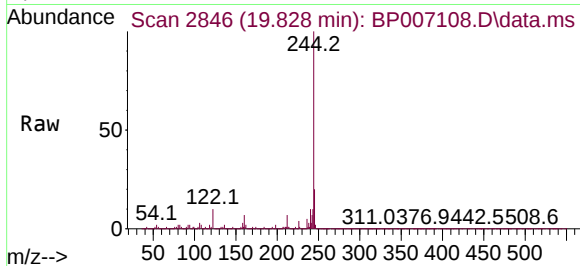




#79
Terphenyl-d14
Concen: 60.466 ng
RT: 19.828 min Scan# 2846
Delta R.T. -0.011 min
Lab File: BP007108.D
Acq: 22 Sep 2021 20:53

Instrument :
BNA_P
ClientSampleId :
NAPL-AREA-02-(5-8)

Tgt Ion:244 Resp: 4475230
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.5 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BP007108.D
Acq: 22 Sep 2021 20:53

Tgt Ion:264 Resp: 1482231
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.7 17.6 26.4

