

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
 Data File : BP006847.D
 Acq On : 24 Aug 2021 14:41
 Operator : CG/JU
 Sample : M3505-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRILL-CUTTING

Quant Time: Aug 24 15:45:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 13:40:38 2021
 Response via : Initial Calibration

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

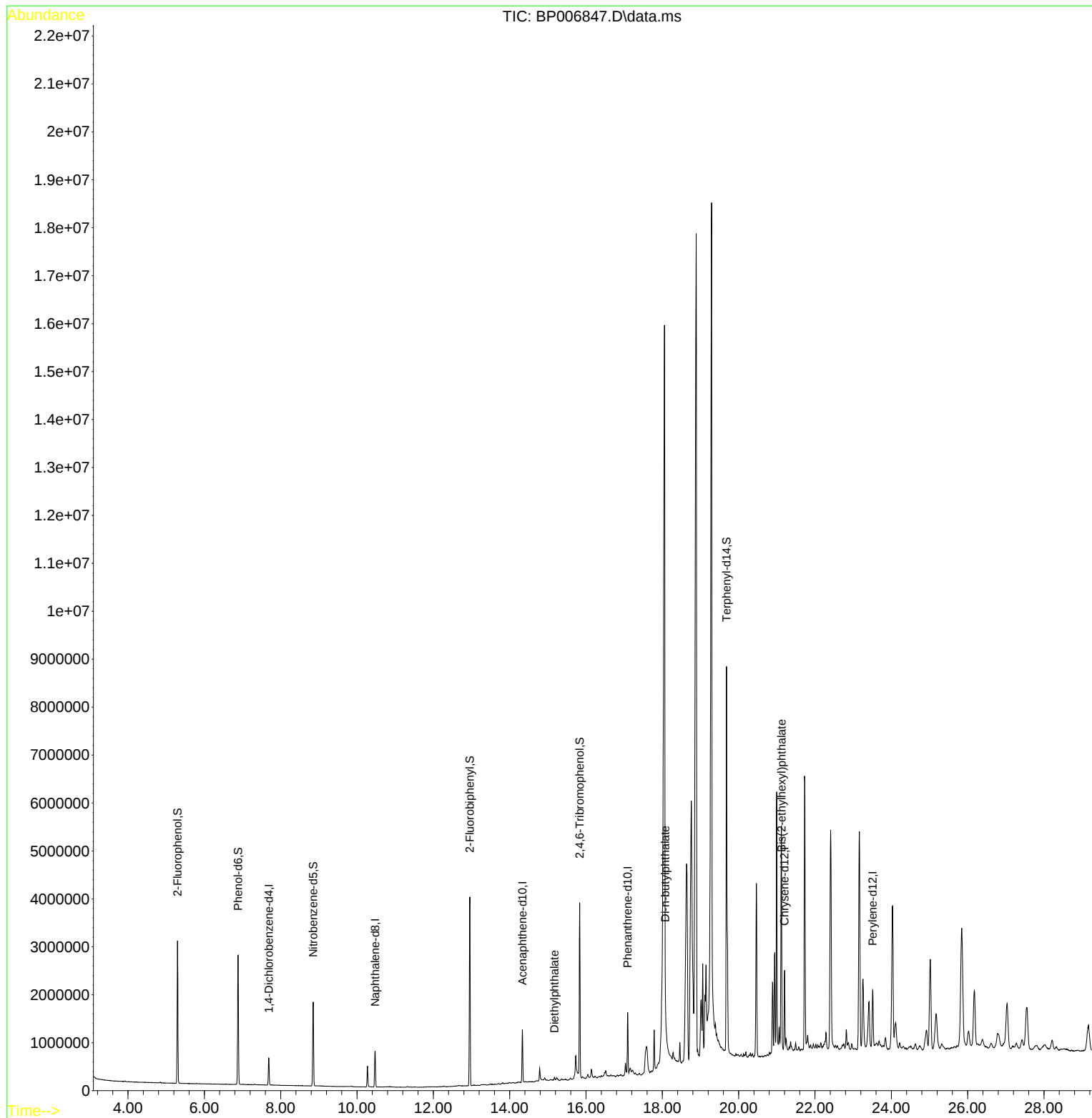
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	148946	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	602120	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	345907	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	699330	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	710598	20.000	ng	# 0.00
86) Perylene-d12	23.510	264	782555	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1269730	130.936	ng	0.00
7) Phenol-d6	6.887	99	1573037	114.193	ng	0.00
23) Nitrobenzene-d5	8.852	82	1023434	78.455	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	583952	161.531	ng	-0.01
45) 2-Fluorobiphenyl	12.957	172	1872263	80.980	ng	0.00
79) Terphenyl-d14	19.680	244	3168416	89.345	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	15.175	149	53484	2.022	ng	97
74) Di-n-butylphthalate	18.075	149	141553	3.196	ng	98
84) Bis(2-ethylhexyl)phtha...	21.127	149	98490	3.140	ng	# 95

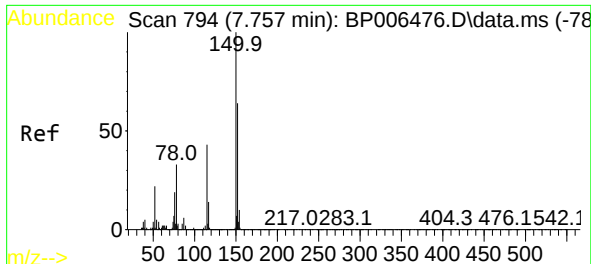
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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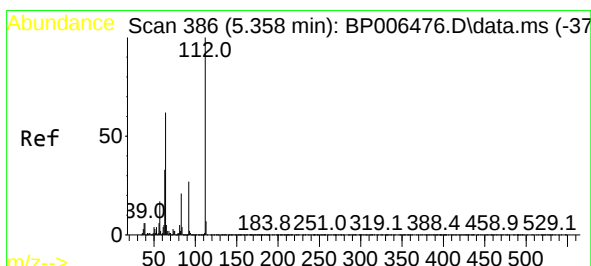
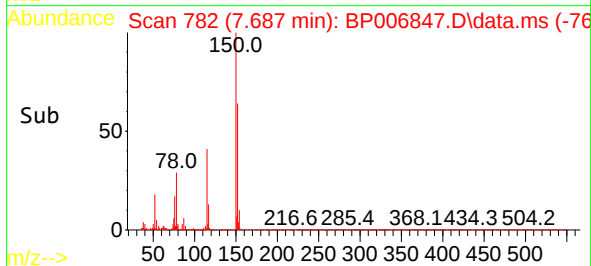
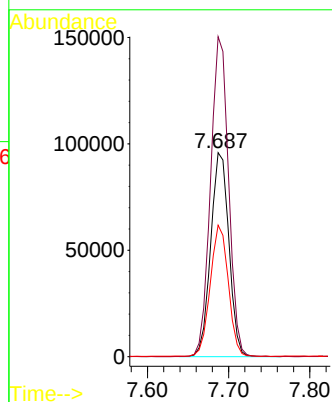
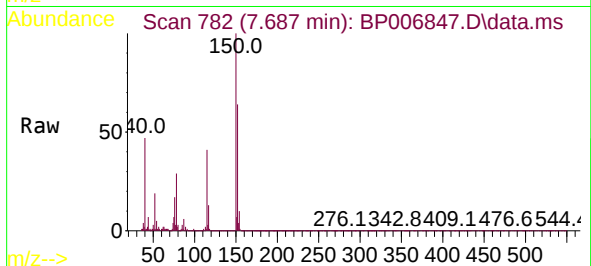




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.000 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

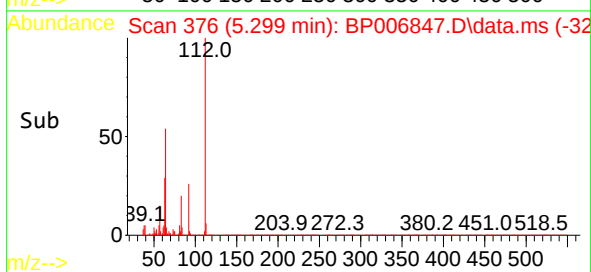
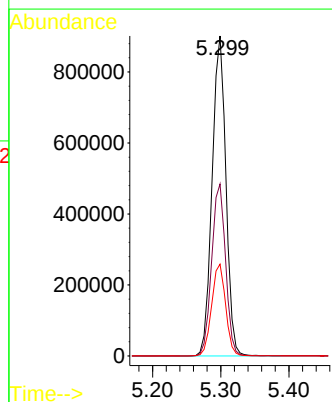
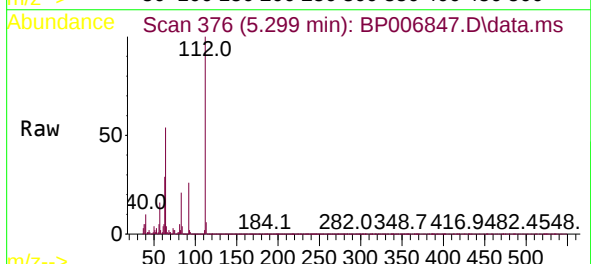
Instrument :
BNA_P
ClientSampleId :
DRILL-CUTTING

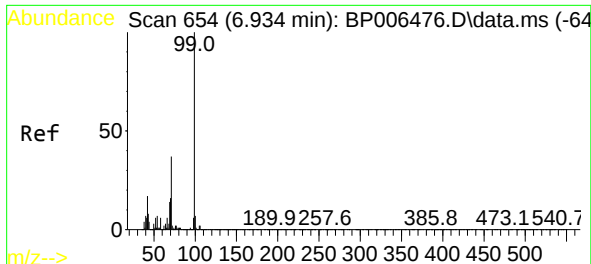
Tgt Ion:152 Resp: 148946
Ion Ratio Lower Upper
152 100
150 156.9 125.6 188.4
115 64.5 48.5 72.7



#5
2-Fluorophenol
Concen: 130.936 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

Tgt Ion:112 Resp: 1269730
Ion Ratio Lower Upper
112 100
64 53.7 41.4 62.2
63 28.7 23.8 35.8



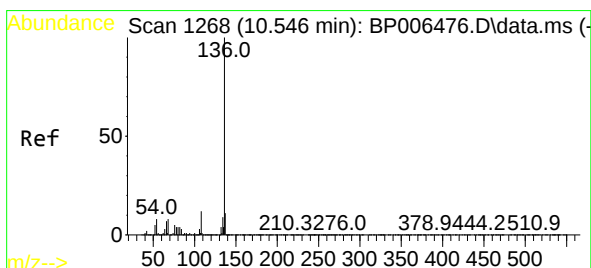
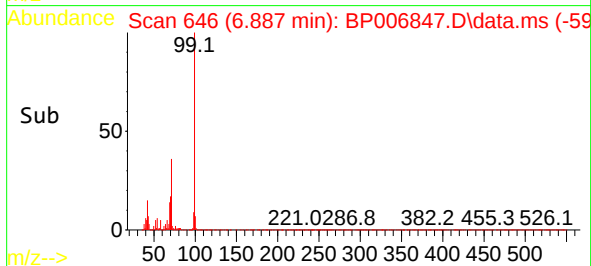
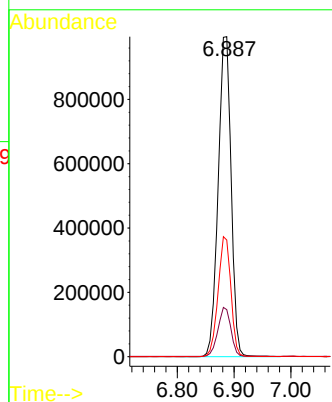
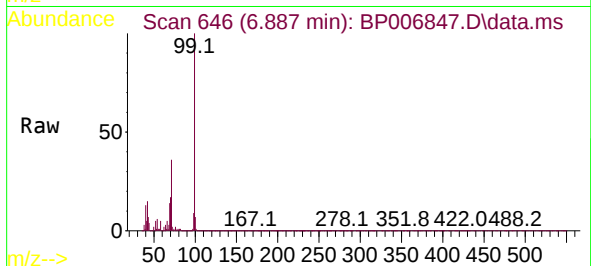


#7
Phenol-d6
Concen: 114.193 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

Instrument :
BNA_P
ClientSampleId :
DRILL-CUTTING

Tgt Ion: 99 Resp: 1573037

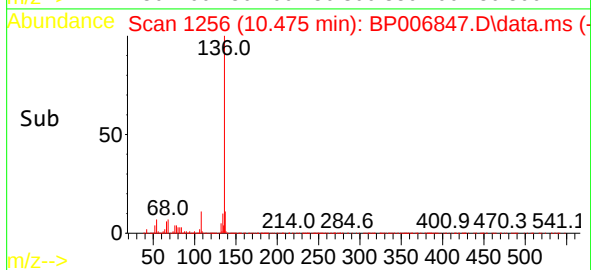
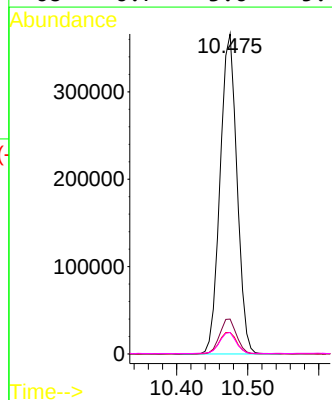
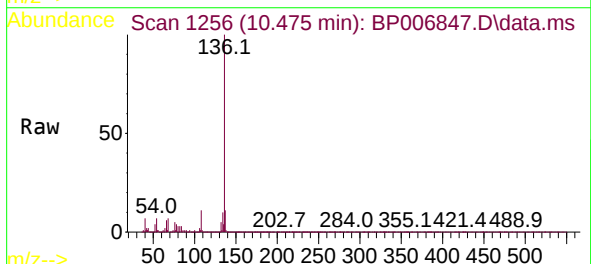
Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.4	20.0
71	36.4	30.6	46.0

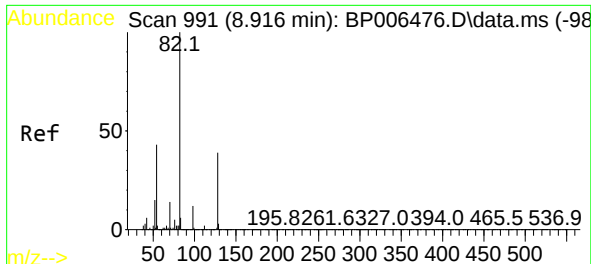


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

Tgt Ion: 136 Resp: 602120

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.7	4.6	6.8
68	6.7	3.6	5.4

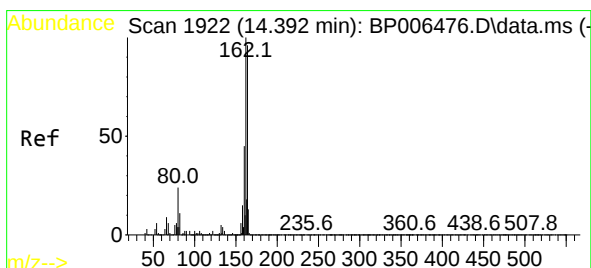
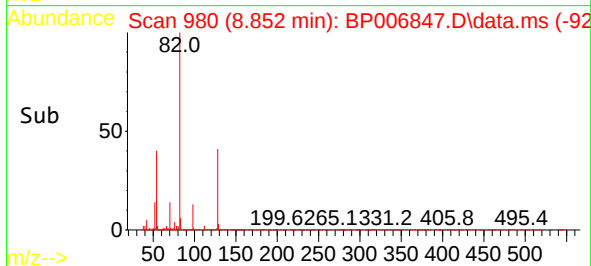
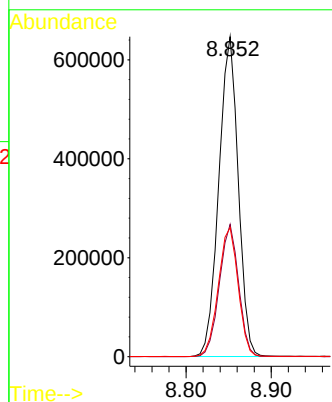
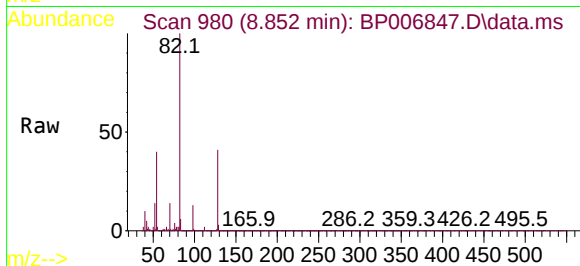




#23
Nitrobenzene-d5
Concen: 78.455 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

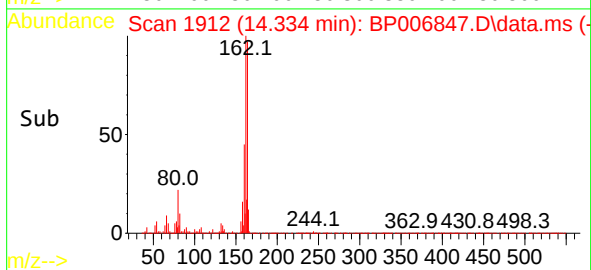
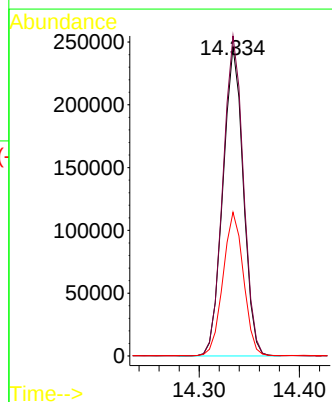
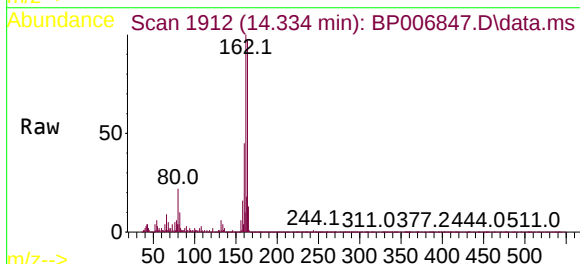
Instrument :
BNA_P
ClientSampleId :
DRILL-CUTTING

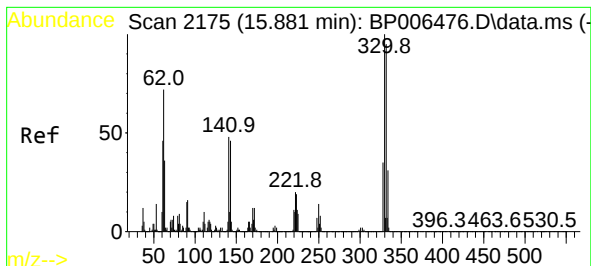
Tgt Ion: 82 Resp: 1023434
Ion Ratio Lower Upper
82 100
128 41.4 35.7 53.5
54 40.3 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

Tgt Ion: 164 Resp: 345907
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.2
160 46.4 34.5 51.7

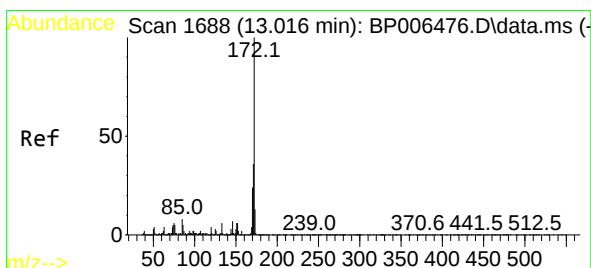
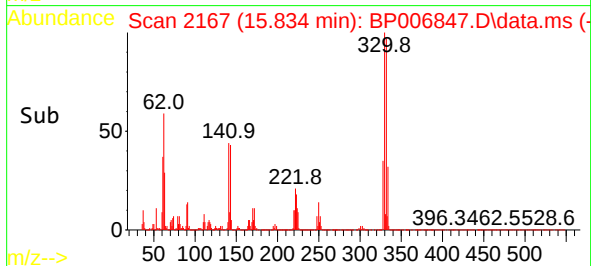
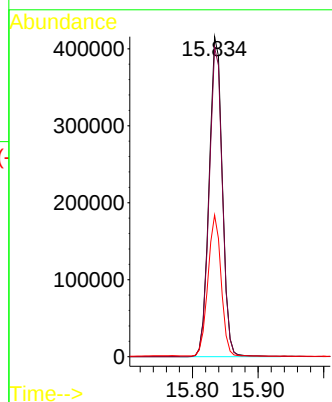
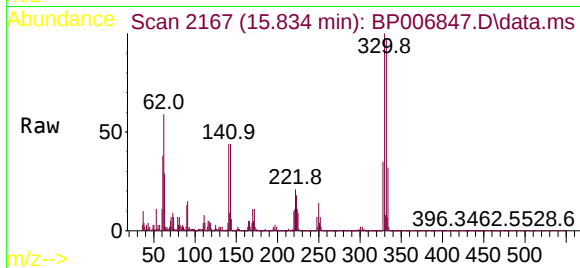




#42
2,4,6-Tribromophenol
Concen: 161.531 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

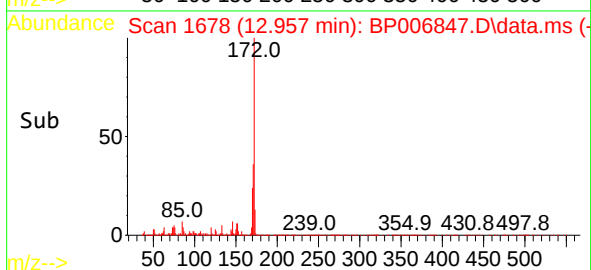
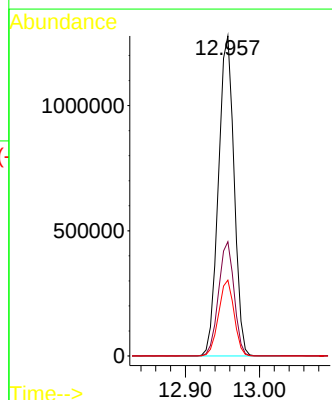
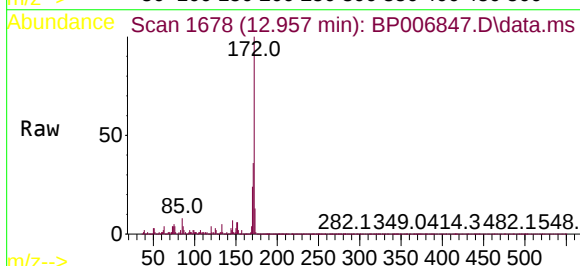
Instrument :
BNA_P
ClientSampleId :
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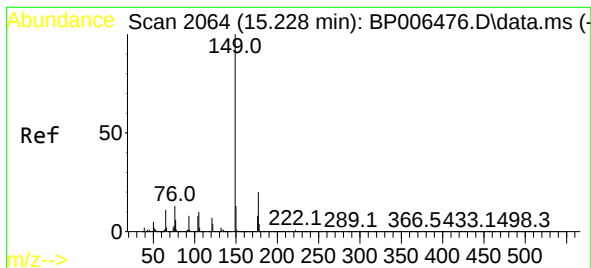
Tgt Ion:330 Resp: 583952
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 43.9 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 80.980 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

Tgt Ion:172 Resp: 1872263
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.7 18.6 27.8

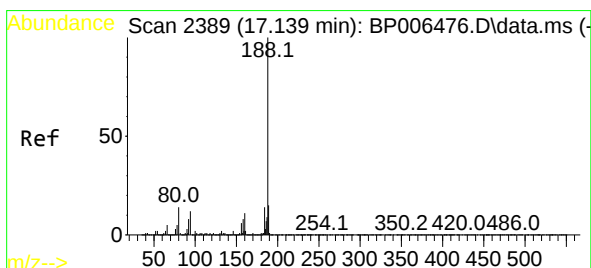
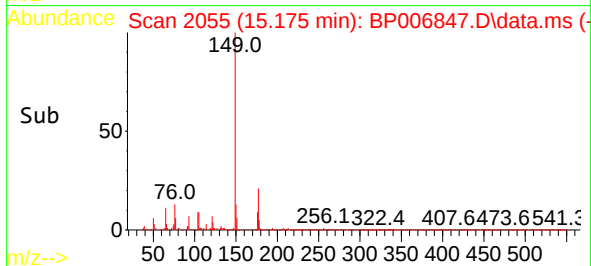
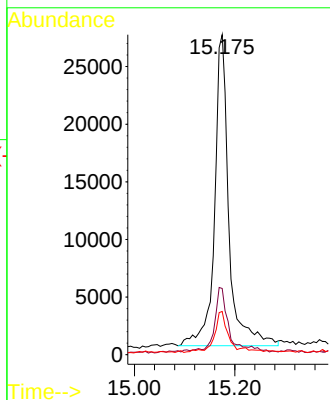
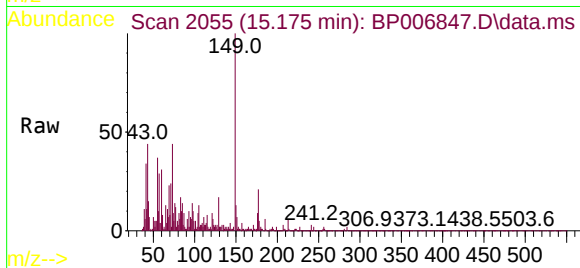




#60
Diethylphthalate
Concen: 2.022 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

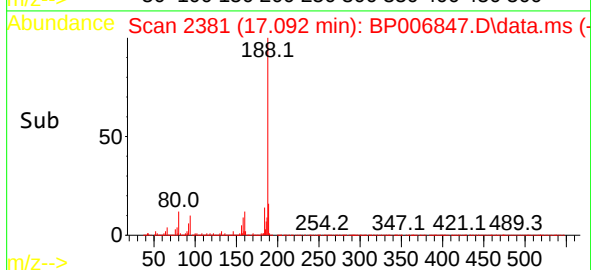
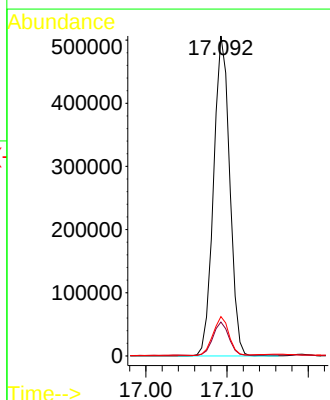
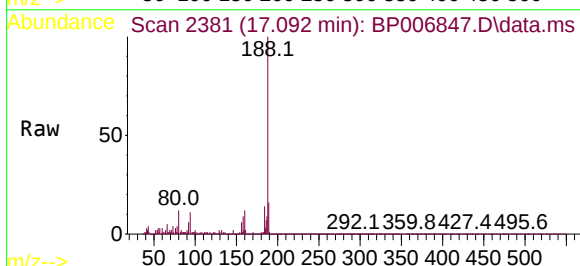
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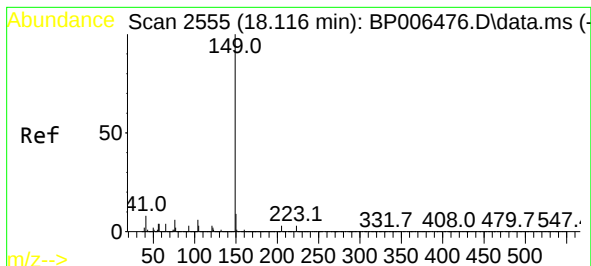
Tgt Ion:149 Resp: 53484
Ion Ratio Lower Upper
149 100
177 20.7 17.5 26.3
150 13.5 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

Tgt Ion:188 Resp: 699330
Ion Ratio Lower Upper
188 100
94 10.6 5.6 8.4#
80 12.3 6.3 9.5#

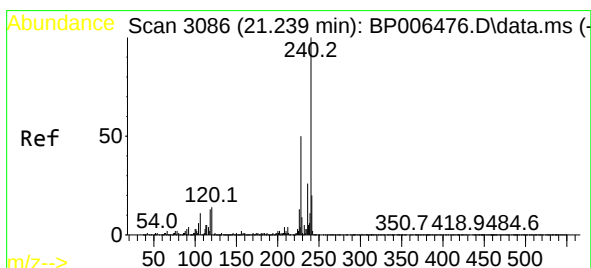
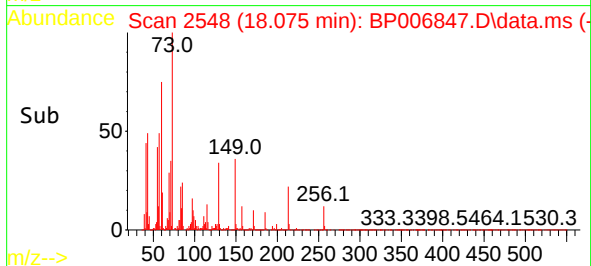
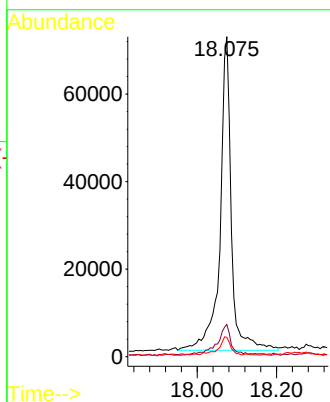
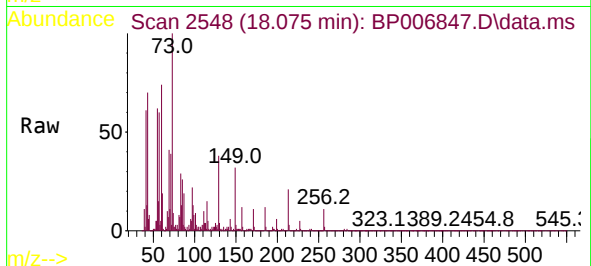




#74
Di-n-butylphthalate
Concen: 3.196 ng
RT: 18.075 min Scan# 2548
Delta R.T. -0.006 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

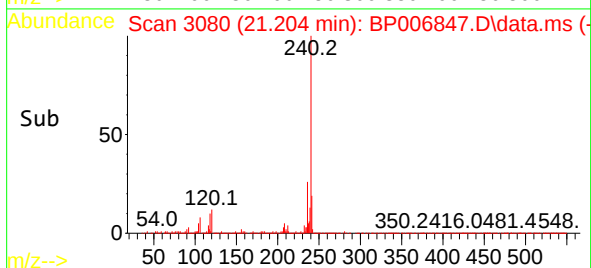
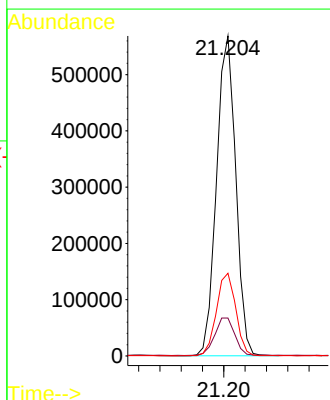
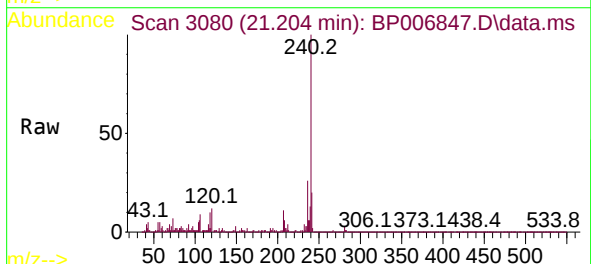
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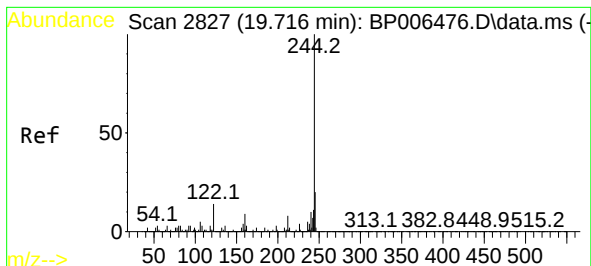
Tgt Ion:149 Resp: 141553
Ion Ratio Lower Upper
149 100
150 10.1 7.3 10.9
104 6.0 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006847.D
Acq: 24 Aug 2021 14:41

Tgt Ion:240 Resp: 710598
Ion Ratio Lower Upper
240 100
120 11.9 6.5 9.7#
236 25.8 20.6 31.0





#79

Terphenyl-d14

Concen: 89.345 ng

RT: 19.680 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BP006847.D

Acq: 24 Aug 2021 14:41

Instrument :

BNA_P

ClientSampleId :

DRILL-CUTTING

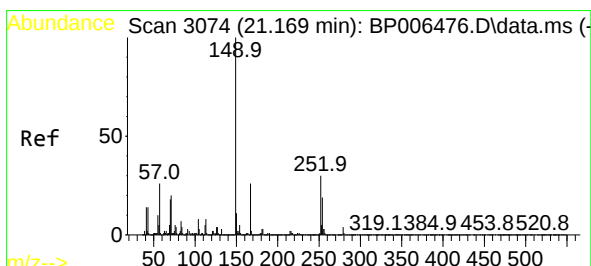
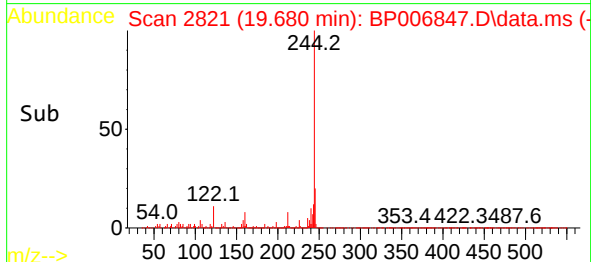
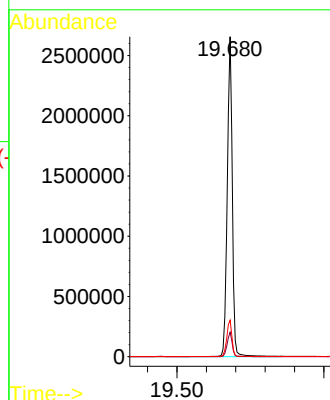
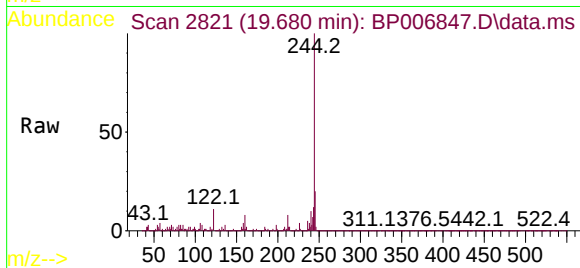
Tgt Ion:244 Resp: 3168416

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 11.4 7.1 10.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.140 ng

RT: 21.127 min Scan# 3067

Delta R.T. -0.006 min

Lab File: BP006847.D

Acq: 24 Aug 2021 14:41

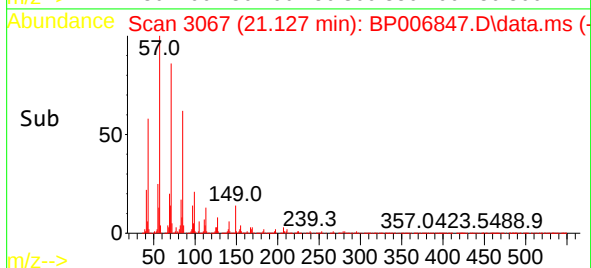
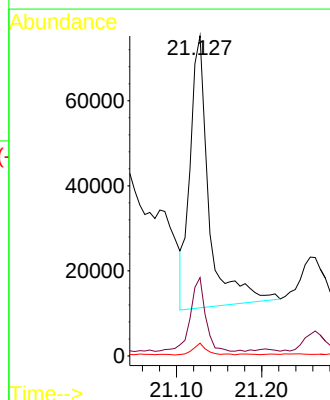
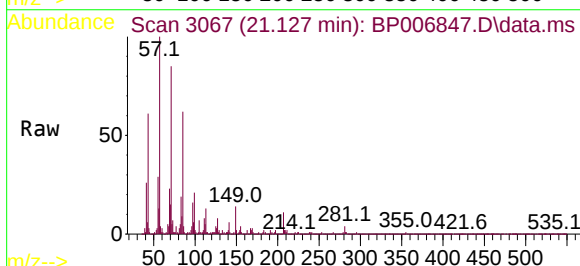
Tgt Ion:149 Resp: 98490

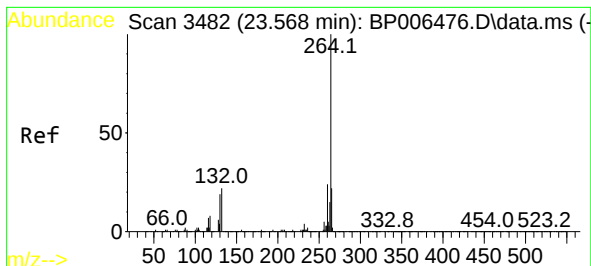
Ion Ratio Lower Upper

149 100

167 24.5 21.9 32.9

279 4.0 4.3 6.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.510 min Scan# 3472
 Delta R.T. -0.018 min
 Lab File: BP006847.D
 Acq: 24 Aug 2021 14:41

Instrument :
 BNA_P
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 DRILL-CUTTING

Tgt Ion:264 Resp: 782555
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 22.6 17.6 26.4

