

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040221\
 Data File : BP005154.D
 Acq On : 02 Apr 2021 12:10
 Operator : CG/JU
 Sample : M1836-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B7-0-2

Quant Time: Apr 02 13:43:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:23:57 2021
 Response via : Initial Calibration

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

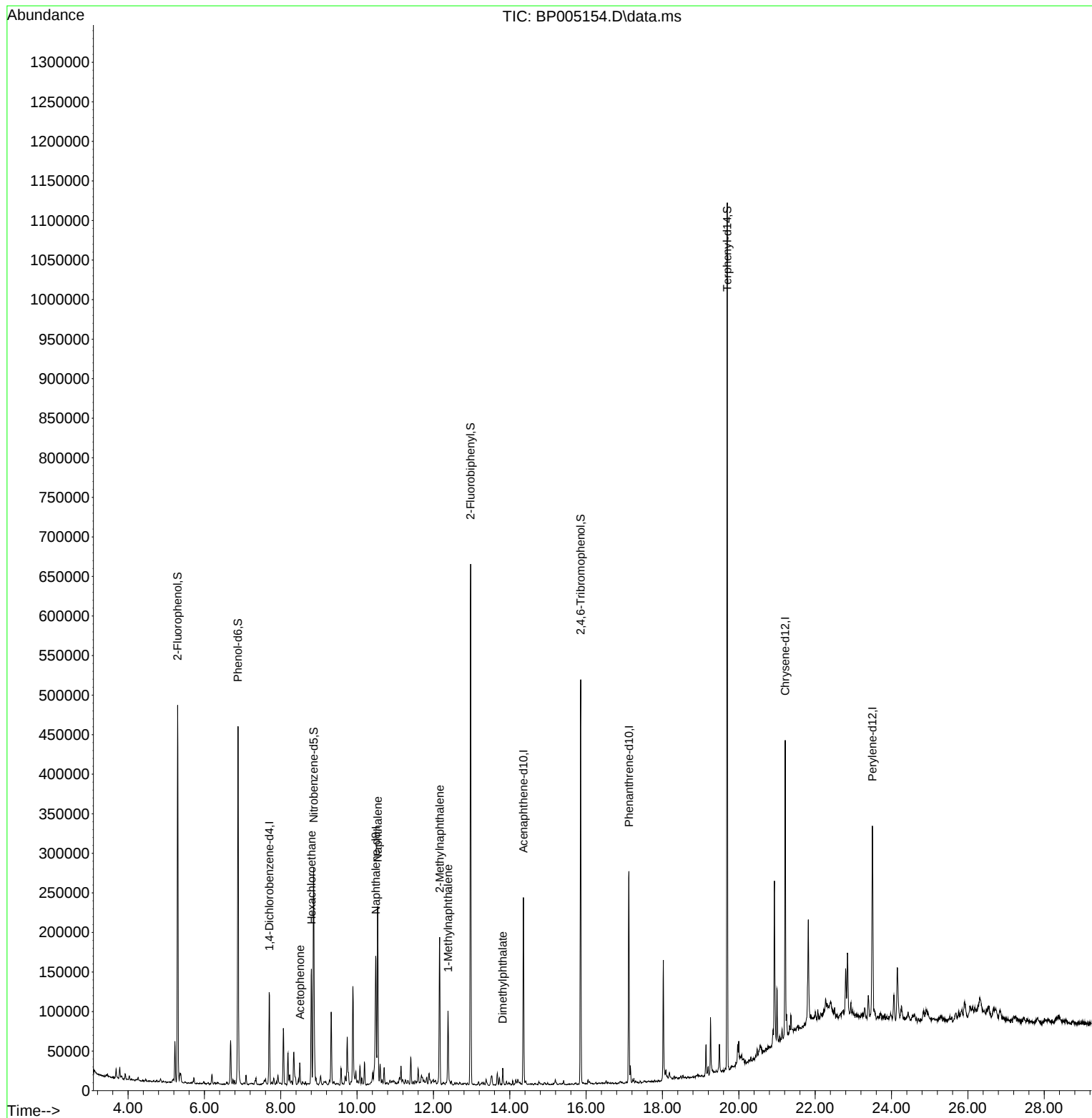
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	29341	20.00	ng	# 0.00
21) Naphthalene-d8	10.493	136	118779	20.00	ng	# 0.00
39) Acenaphthene-d10	14.357	164	76694	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	159009	20.00	ng	# 0.00
76) Chrysene-d12	21.216	240	157815	20.00	ng	-0.01
86) Perylene-d12	23.498	264	167881	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	193154	101.31	ng	0.00
7) Phenol-d6	6.881	99	252953	92.62	ng	0.00
23) Nitrobenzene-d5	8.863	82	162772	58.80	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	84372	84.43	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	318692	56.21	ng	0.00
79) Terphenyl-d14	19.698	244	490491	56.58	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.805	117	13094	15.15	ng	# 1
22) Acetophenone	8.505	105	19519	5.72	ng	# 61
31) Naphthalene	10.540	128	143314	21.36	ng	98
37) 2-Methylnaphthalene	12.163	142	83129	17.16	ng	97
38) 1-Methylnaphthalene	12.387	142	39473	8.69	ng	# 99
50) Dimethylphthalate	13.816	163	12016	2.03	ng	# 93

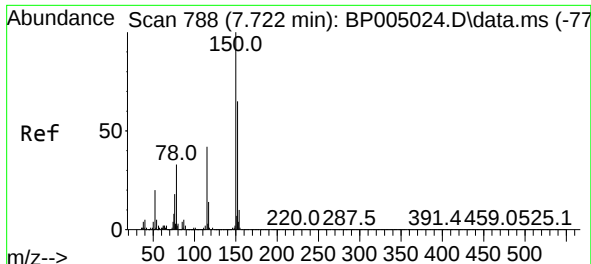
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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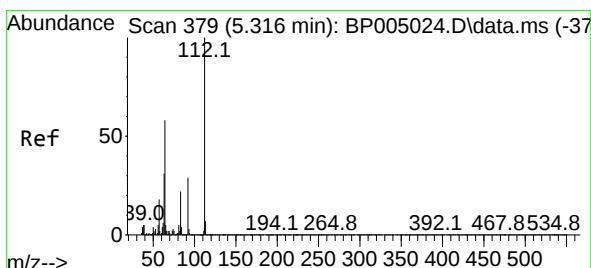
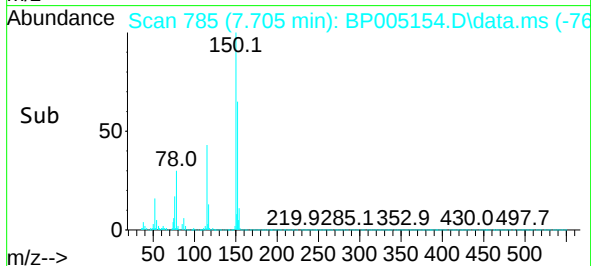
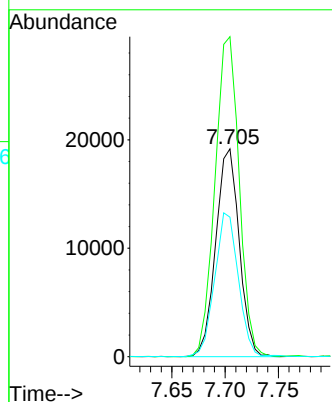
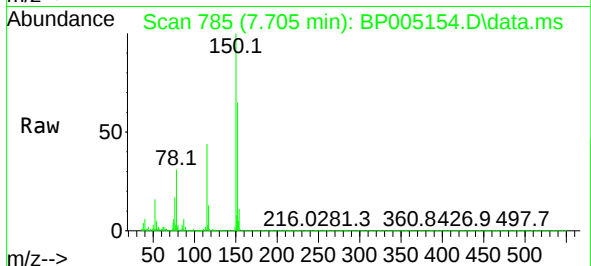




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

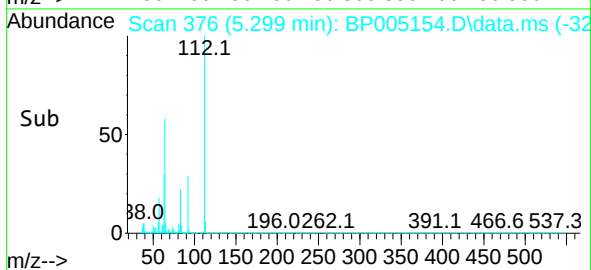
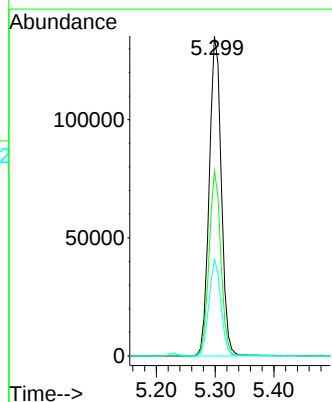
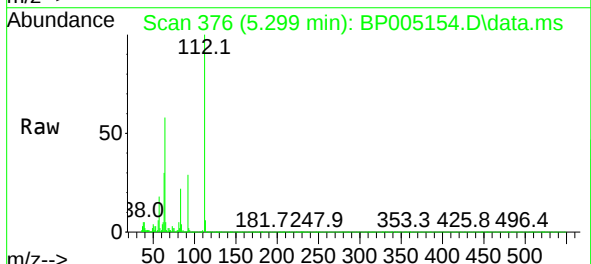
Instrument :
BNA_P
ClientSampleId :
B7-0-2

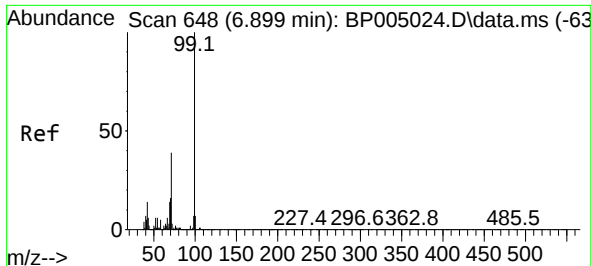
Tgt Ion:152 Resp: 29341
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 67.1 43.8 65.6#



#5
2-Fluorophenol
Concen: 101.31 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

Tgt Ion:112 Resp: 193154
Ion Ratio Lower Upper
112 100
64 57.8 32.8 49.2#
63 30.2 17.0 25.4#

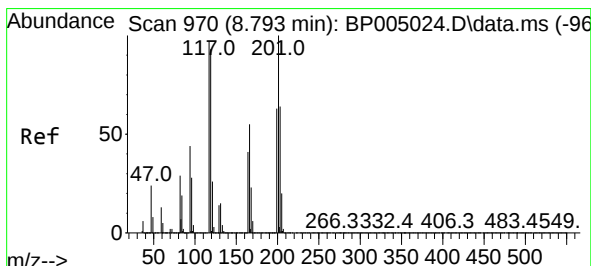
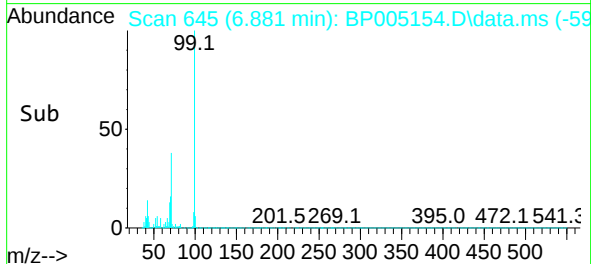
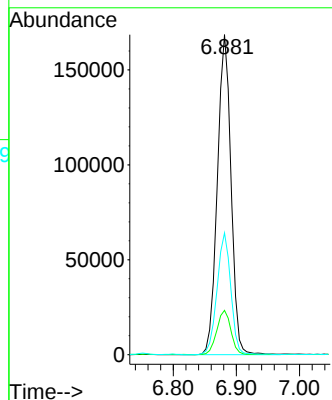
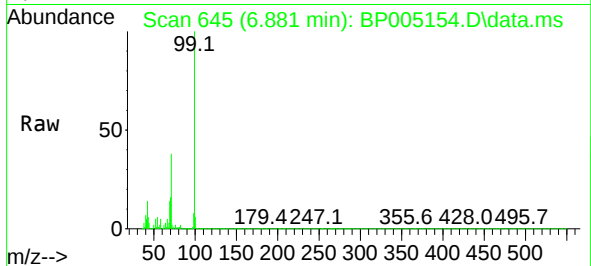




#7
Phenol-d6
Concen: 92.62 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

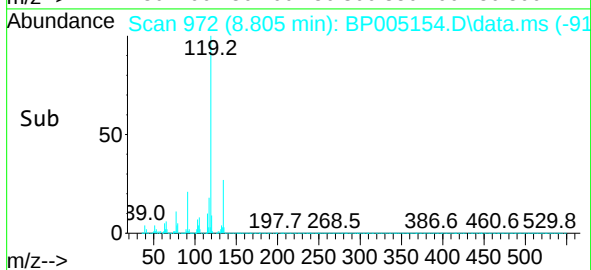
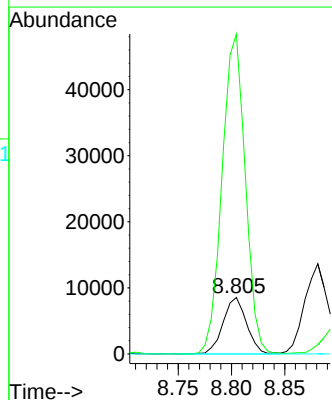
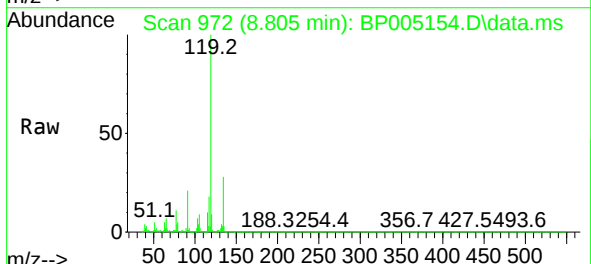
Instrument :
BNA_P
ClientSampleId :
B7-0-2

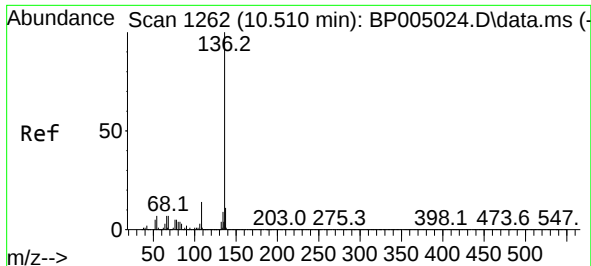
Tgt Ion: 99 Resp: 252953
Ion Ratio Lower Upper
99 100
42 13.9 8.6 13.0#
71 38.0 23.4 35.2#



#18
Hexachloroethane
Concen: 15.15 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.029 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

Tgt Ion: 117 Resp: 13094
Ion Ratio Lower Upper
117 100
119 565.9 78.8 118.2#
201 0.1 92.3 138.5#

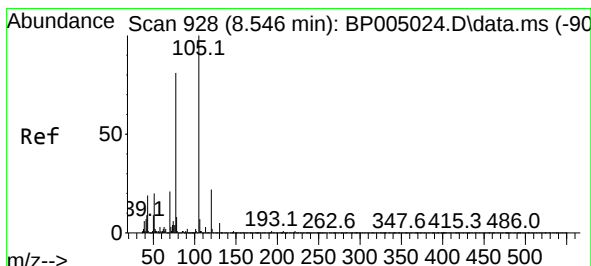
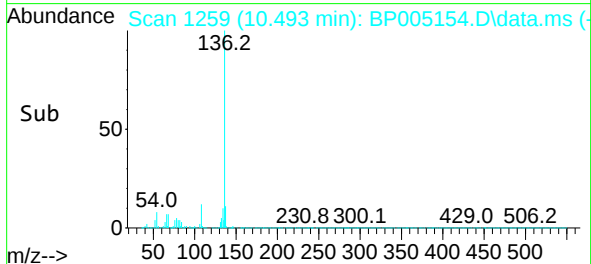
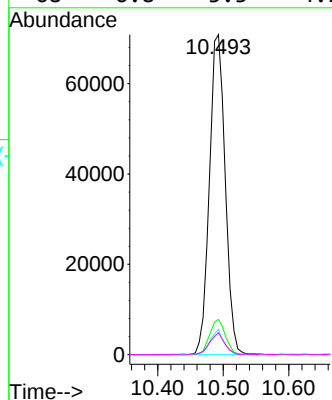
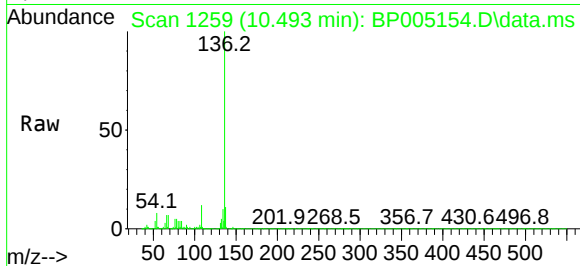




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

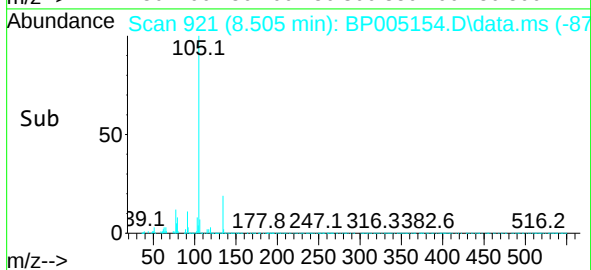
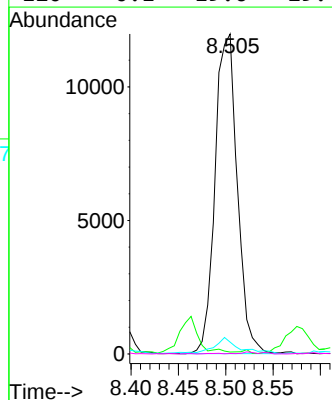
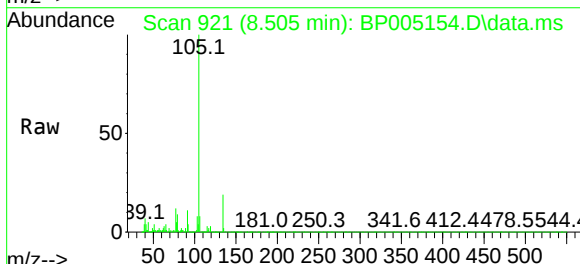
Instrument :
BNA_P
ClientSampleId :
B7-0-2

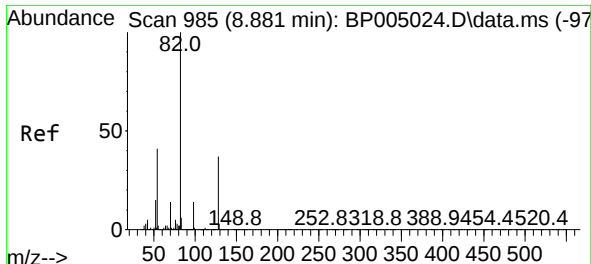
Tgt Ion:	136	Resp:	118779
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	7.9	3.6	5.4#
68	6.8	3.3	4.9#



#22
Acetophenone
Concen: 5.72 ng
RT: 8.505 min Scan# 921
Delta R.T. -0.030 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

Tgt Ion:	105	Resp:	19519
Ion Ratio	Lower	Upper	
105	100		
71	0.6	2.6	3.8#
51	3.7	13.5	20.3#
120	0.1	19.6	29.4#

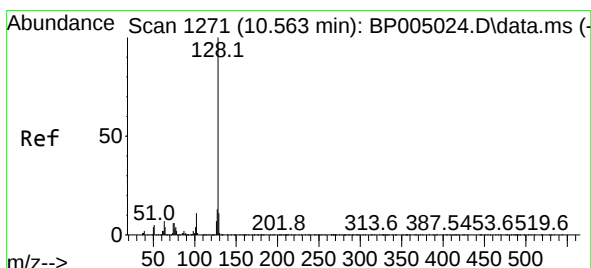
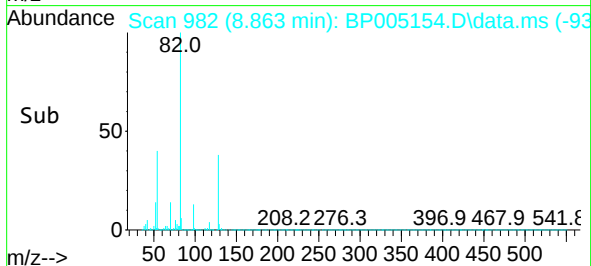
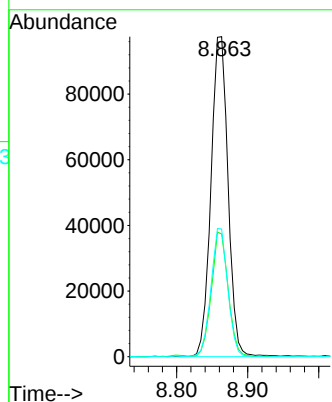
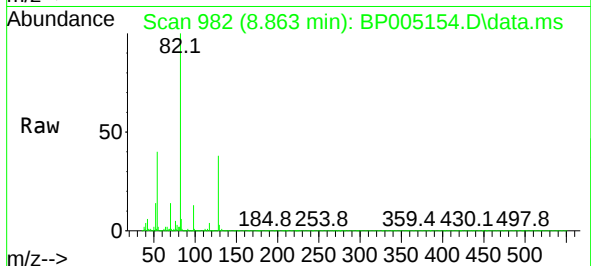




#23
Nitrobenzene-d5
Concen: 58.80 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

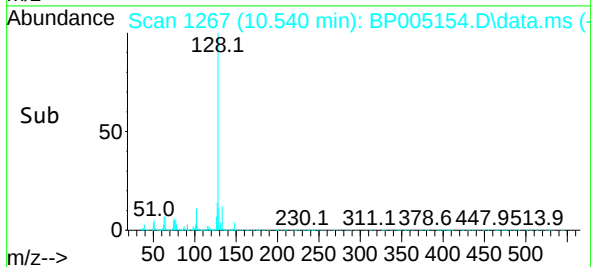
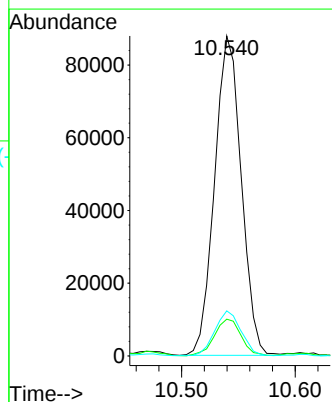
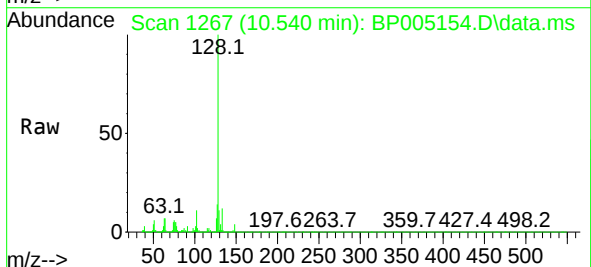
Instrument :
BNA_P
ClientSampleId :
B7-0-2

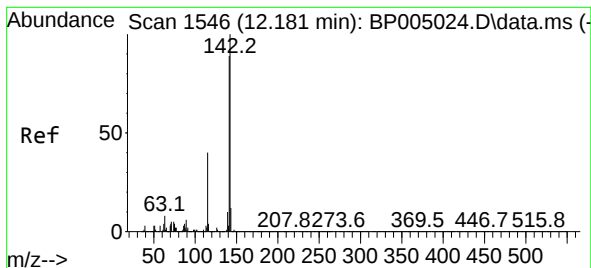
Tgt Ion: 82 Resp: 162772
Ion Ratio Lower Upper
82 100
128 38.3 45.6 68.4#
54 39.9 30.1 45.1



#31
Naphthalene
Concen: 21.36 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

Tgt Ion: 128 Resp: 143314
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.1 10.6 15.8

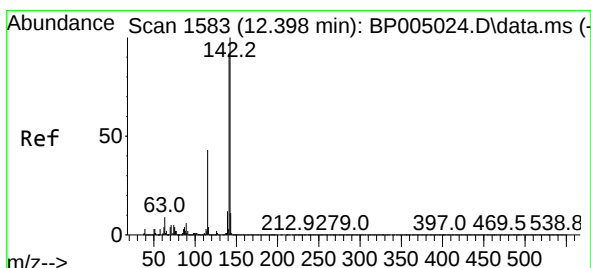
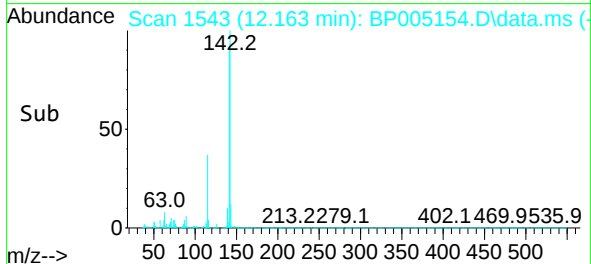
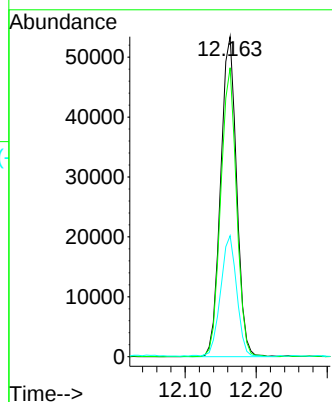
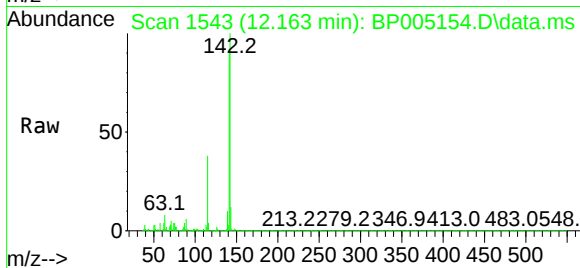




#37
2-Methylnaphthalene
Concen: 17.16 ng
RT: 12.163 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

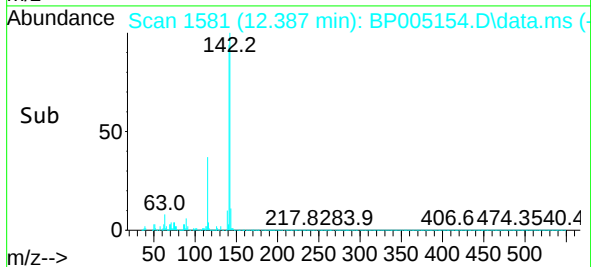
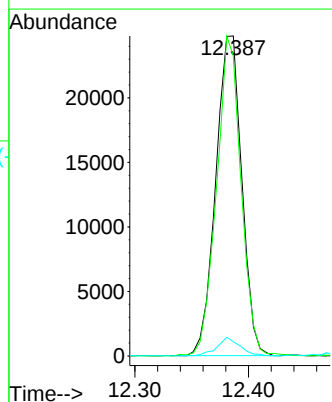
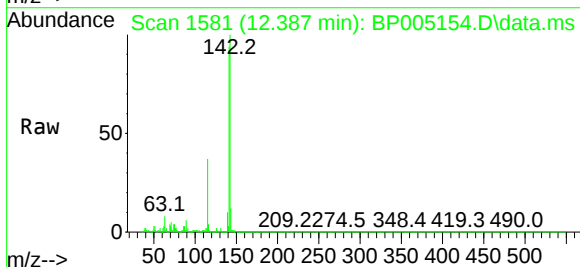
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B7-0-2

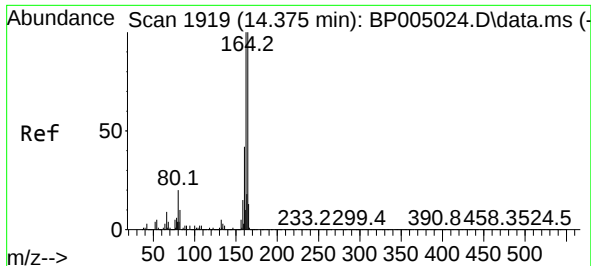
Tgt Ion:142 Resp: 83129
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2
115 37.8 25.8 38.6



#38
1-Methylnaphthalene
Concen: 8.69 ng
RT: 12.387 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

Tgt Ion:142 Resp: 39473
Ion Ratio Lower Upper
142 100
141 93.7 74.4 111.6
116 4.5 2.9 4.3#

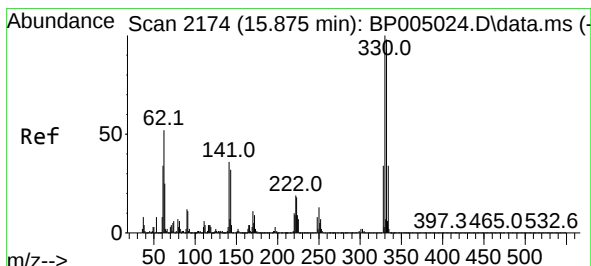
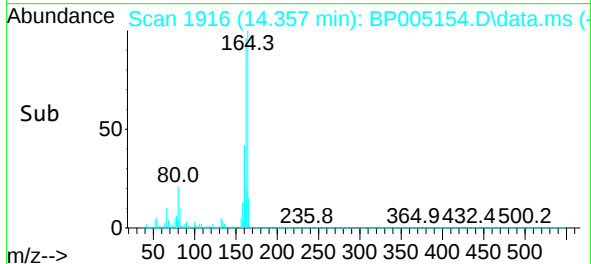
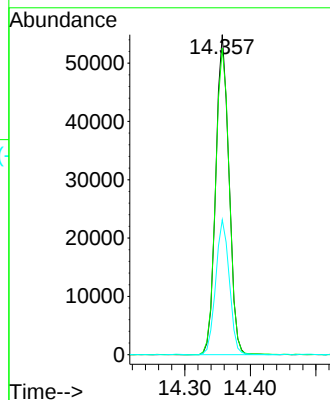
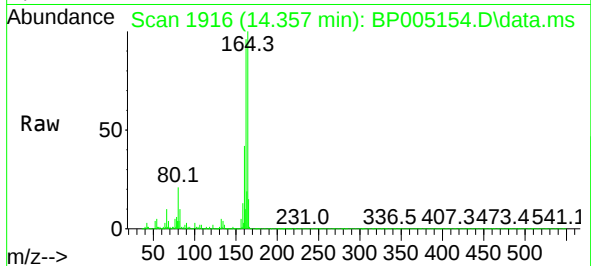




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

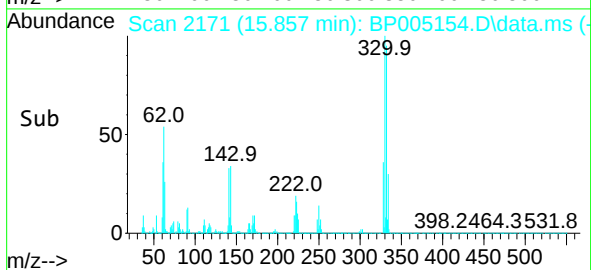
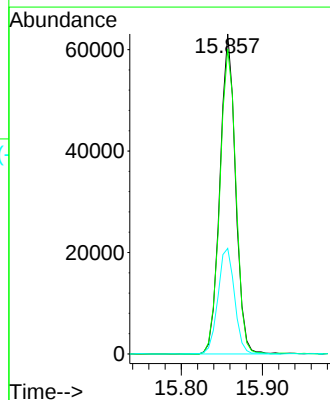
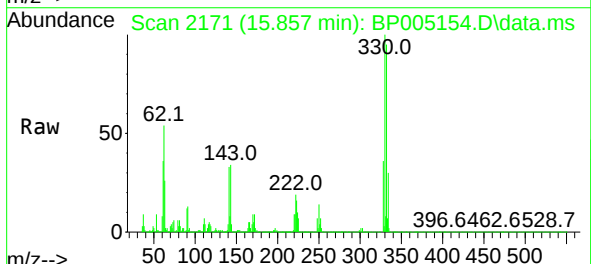
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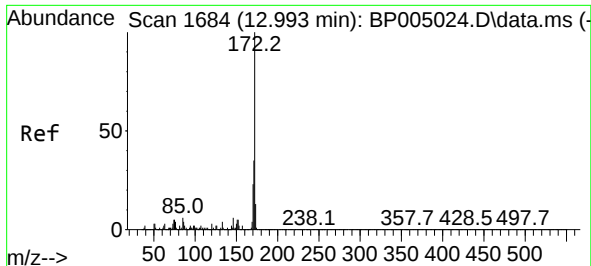
Tgt Ion:164 Resp: 76694
Ion Ratio Lower Upper
164 100
162 95.8 79.4 119.2
160 42.1 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 84.43 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

Tgt Ion:330 Resp: 84372
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 35.0 23.4 35.2

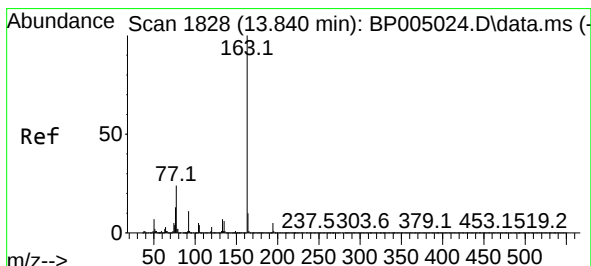
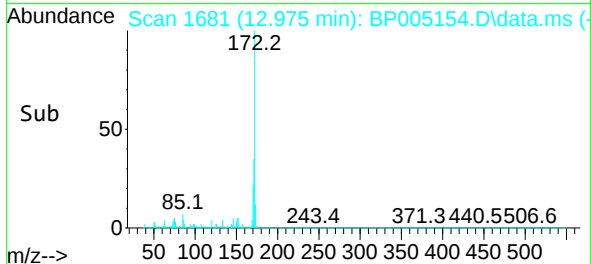
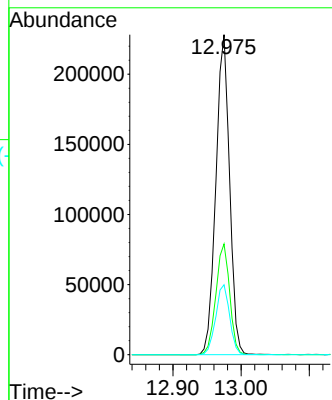
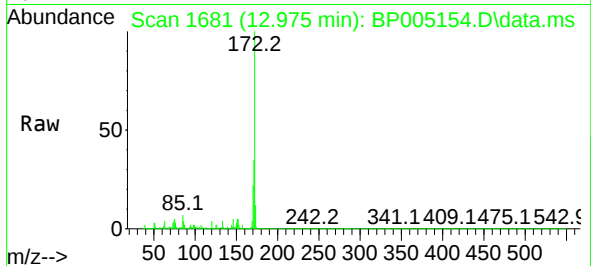




#45
2-Fluorobiphenyl
Concen: 56.21 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

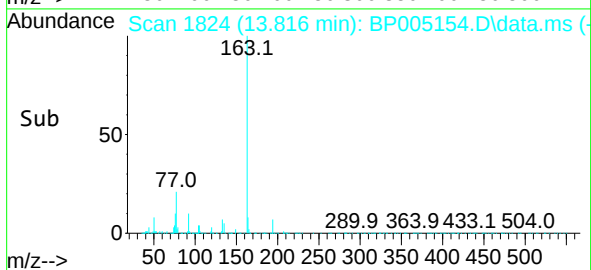
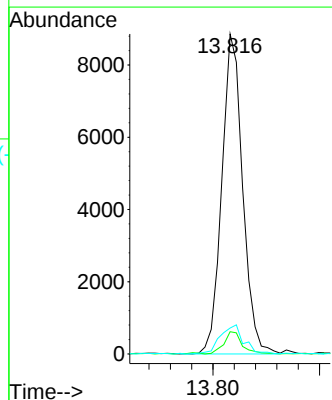
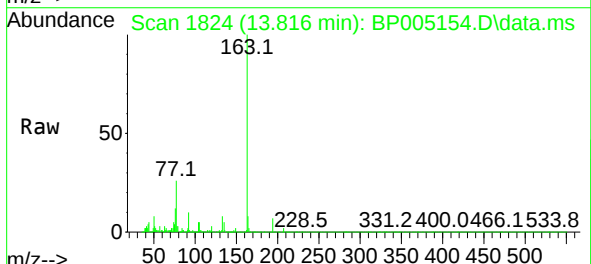
Instrument :
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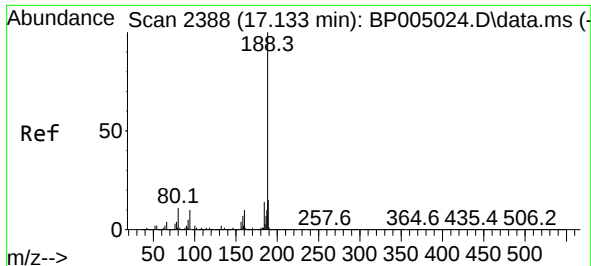
Tgt Ion:172 Resp: 318692
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 21.9 19.2 28.8



#50
Dimethylphthalate
Concen: 2.03 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

Tgt Ion:163 Resp: 12016
Ion Ratio Lower Upper
163 100
194 6.9 3.3 4.9#
164 8.1 8.2 12.2#

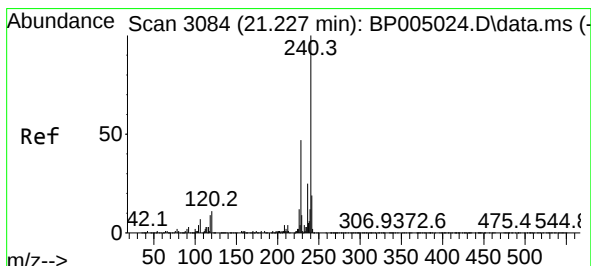
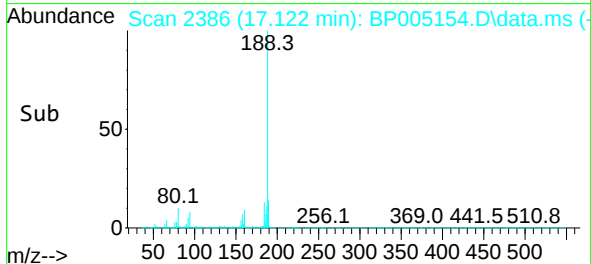
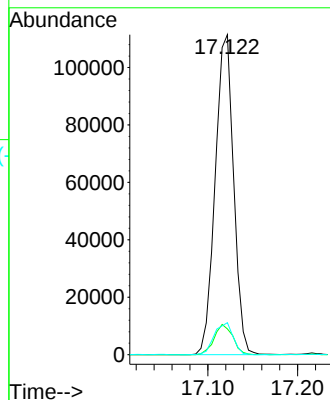
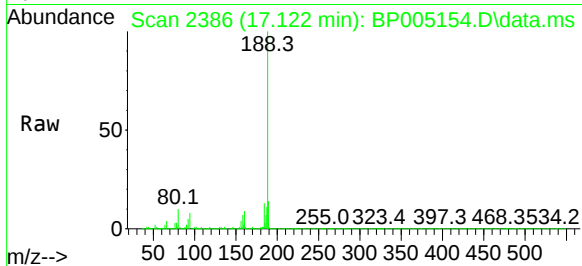




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

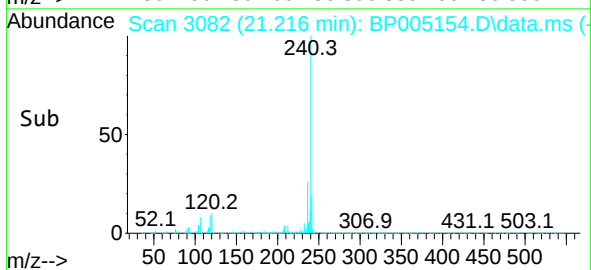
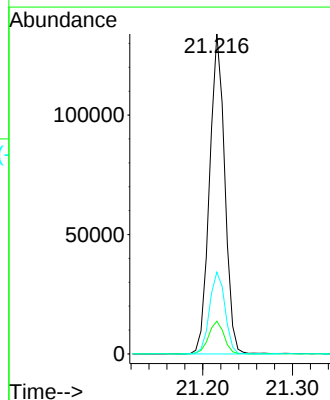
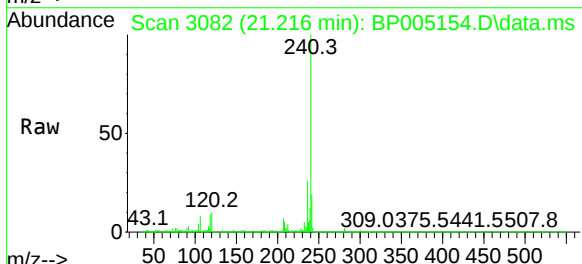
Instrument :
BNA_P
ClientSampleId :
B7-0-2

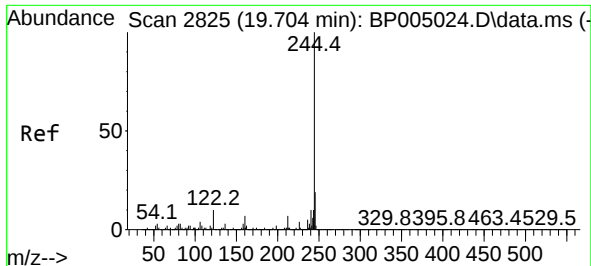
Tgt Ion:188 Resp: 159009
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 10.0 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

Tgt Ion:240 Resp: 157815
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 25.5 20.8 31.2

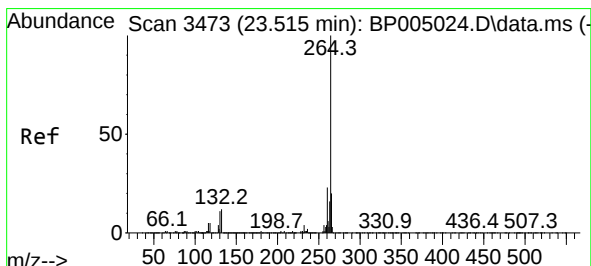
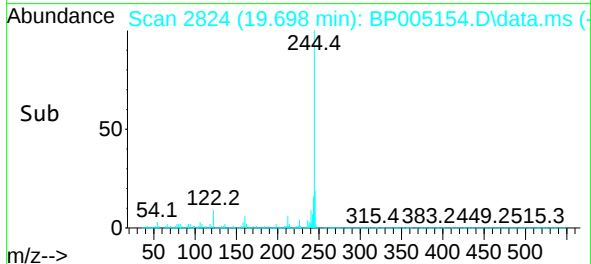
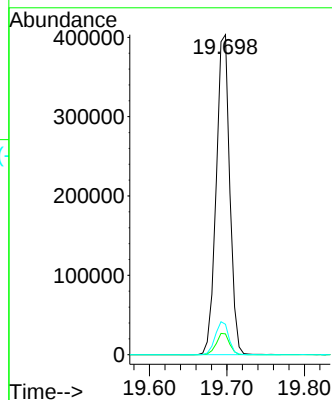
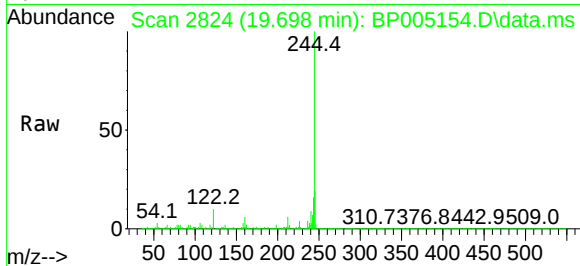




#79
Terphenyl-d14
Concen: 56.58 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

Instrument :
BNA_P
ClientSampleId :
B7-0-2

Tgt Ion:244 Resp: 490491
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 9.5 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.498 min Scan# 3470
Delta R.T. -0.012 min
Lab File: BP005154.D
Acq: 02 Apr 2021 12:10

Tgt Ion:264 Resp: 167881
Ion Ratio Lower Upper
264 100
260 22.7 18.8 28.2
265 22.7 17.4 26.2

