

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005507.D
 Acq On : 12 May 2021 16:52
 Operator : CG/JU
 Sample : M2118-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20071

Quant Time: May 12 17:35:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

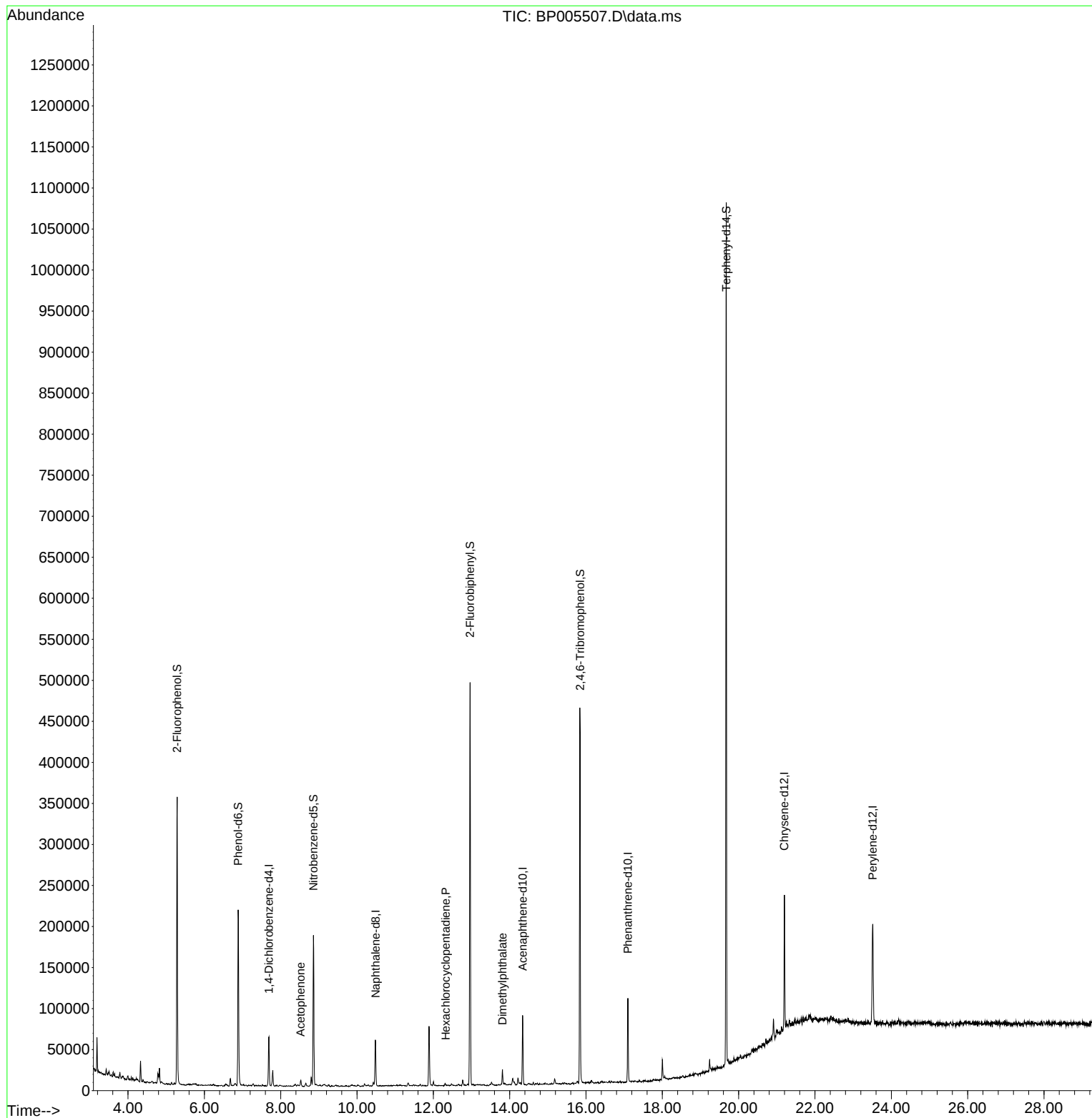
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	11965	20.00	ng	-0.01
21) Naphthalene-d8	10.487	136	32250	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	23210	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	55044	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	74623	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	94906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	109070	174.94	ng	0.00
7) Phenol-d6	6.887	99	85881	110.47	ng	0.00
23) Nitrobenzene-d5	8.857	82	89070	108.71	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	81704	124.05	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	205277	99.77	ng	0.00
79) Terphenyl-d14	19.675	244	420702	95.74	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	100	Below Cal	#	1
9) Benzaldehyde	6.828	77	22	Below Cal	#	51
22) Acetophenone	8.522	105	2677	2.94	ng	# 97
41) Hexachlorocyclopentadiene	12.322	237	7	7.89	ng	84
50) Dimethylphthalate	13.810	163	9386	4.68	ng	# 95

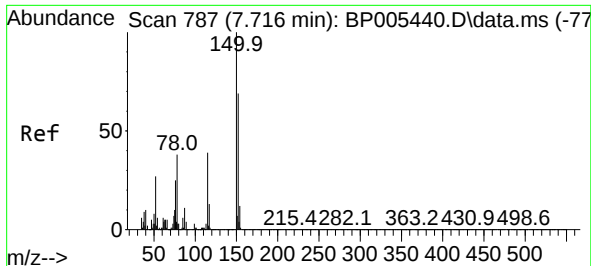
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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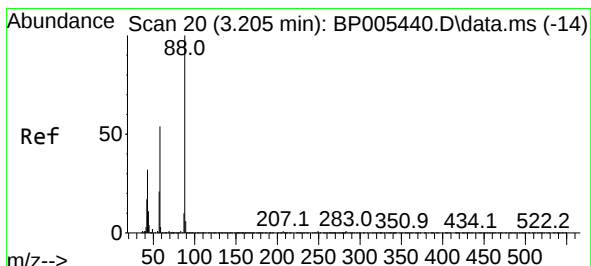
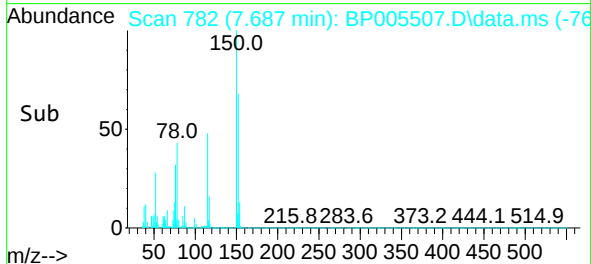
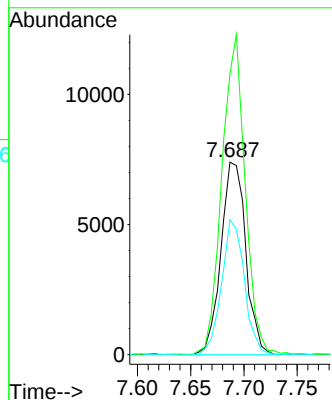
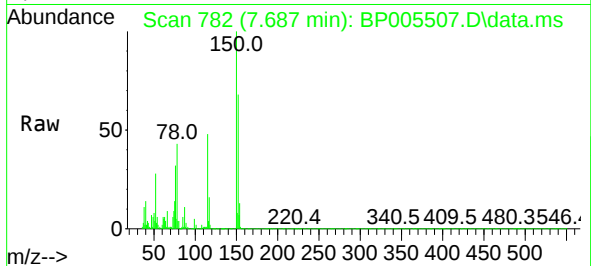




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

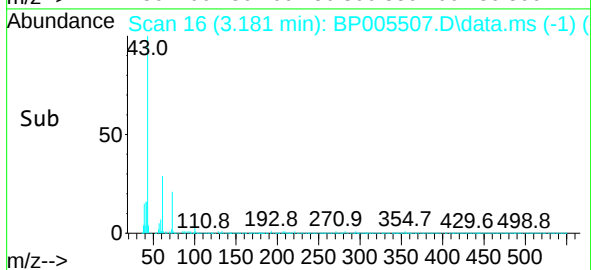
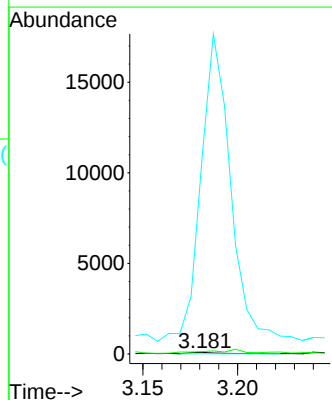
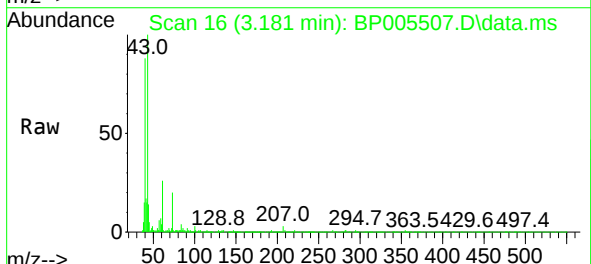
Instrument :
BNA_P
ClientSampleId :
20071

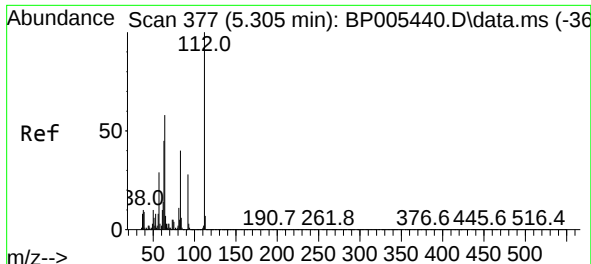
Tgt Ion:152 Resp: 11965
Ion Ratio Lower Upper
152 100
150 146.1 119.8 179.8
115 70.1 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.181 min Scan# 16
Delta R.T. -0.000 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
58 279.0 42.5 63.7#
43 18520.0 19.8 29.8#

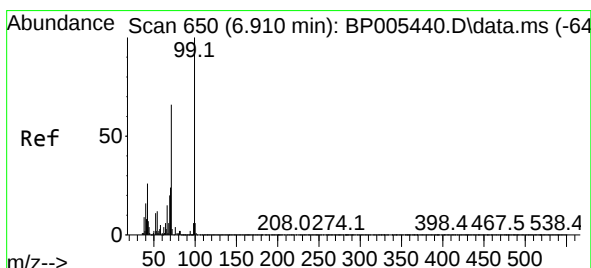
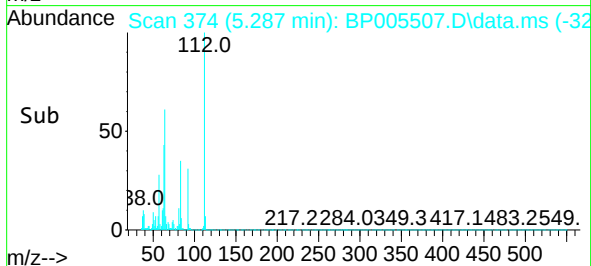
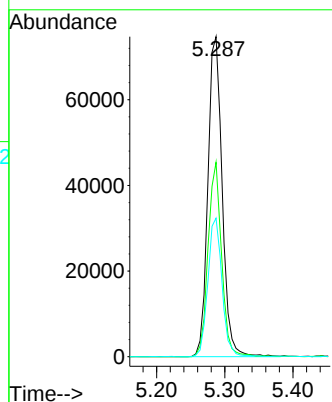
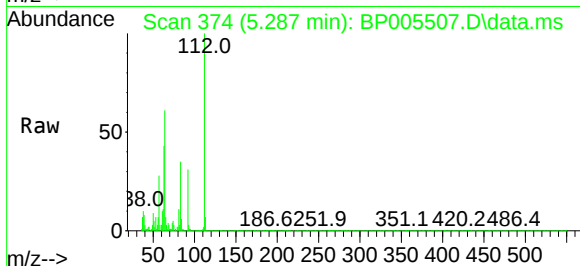




#5
2-Fluorophenol
Concen: 174.94 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

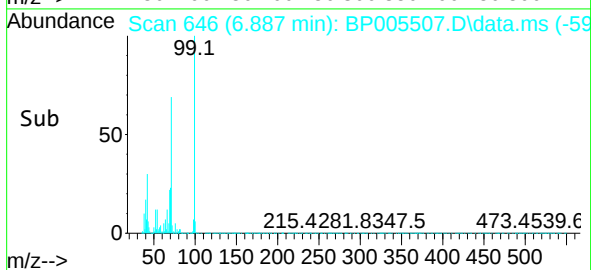
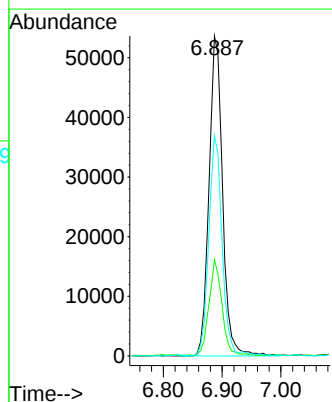
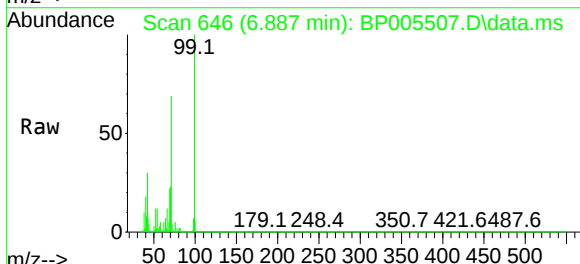
Instrument :
BNA_P
ClientSampleId :
20071

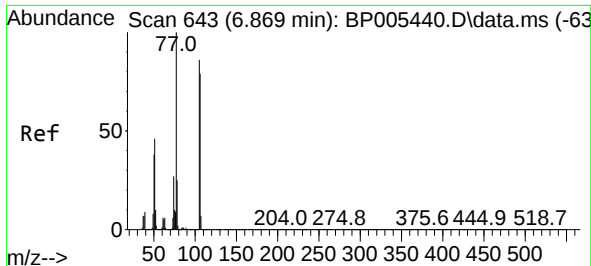
Tgt Ion:112 Resp: 109070
Ion Ratio Lower Upper
112 100
64 60.8 33.6 50.4#
63 43.3 18.6 27.8#



#7
Phenol-d6
Concen: 110.47 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

Tgt Ion: 99 Resp: 85881
Ion Ratio Lower Upper
99 100
42 30.1 12.9 19.3#
71 68.9 26.7 40.1#

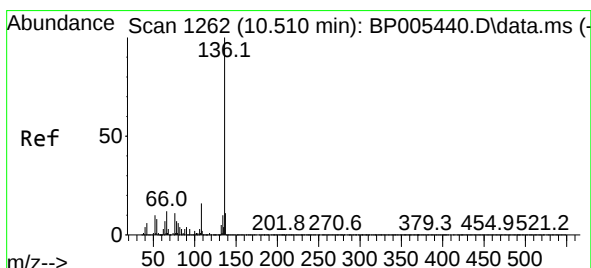
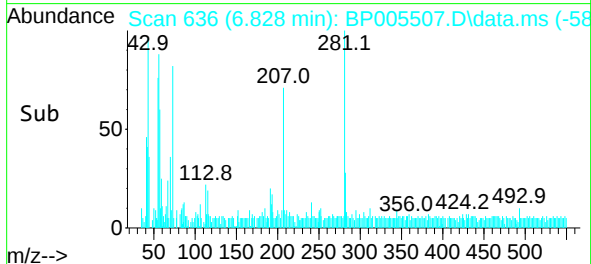
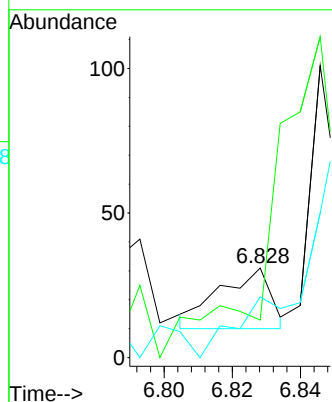
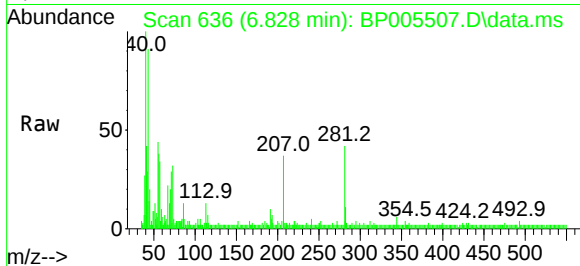




#9
Benzaldehyde
Concen: Below Cal
RT: 6.828 min Scan# 636
Delta R.T. -0.018 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

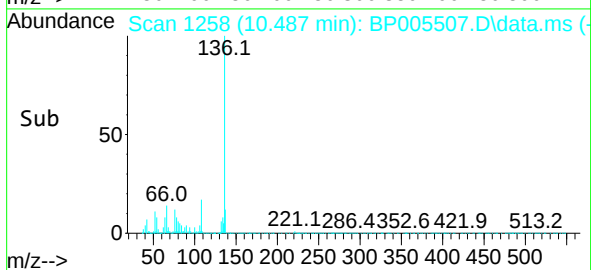
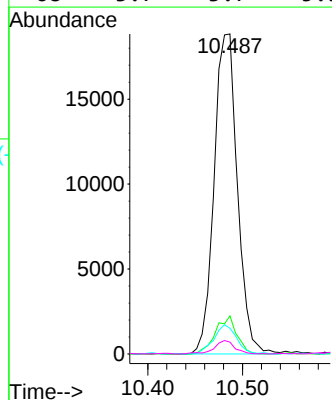
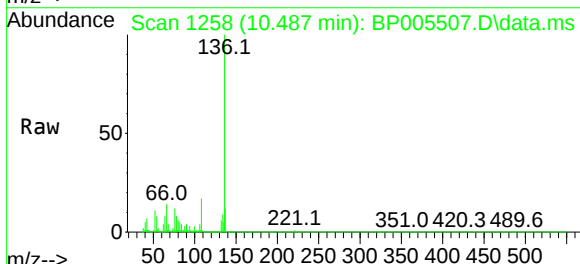
Instrument :
BNA_P
ClientSampled :
20071

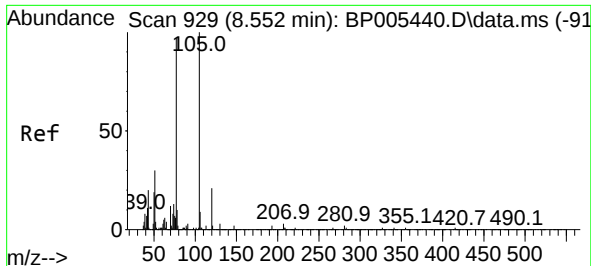
Tgt Ion: 77 Resp: 22
Ion Ratio Lower Upper
77 100
105 41.9 89.4 129.4#
106 67.7 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

Tgt Ion: 136 Resp: 32250
Ion Ratio Lower Upper
136 100
137 11.9 8.9 13.3
54 8.0 5.0 7.4#
68 3.7 3.7 5.5

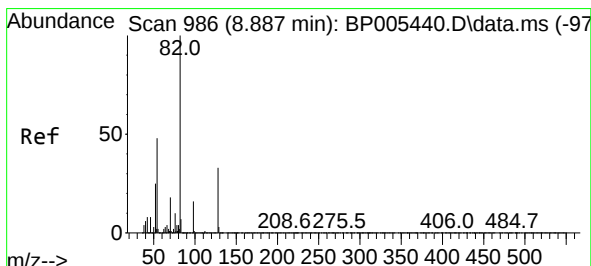
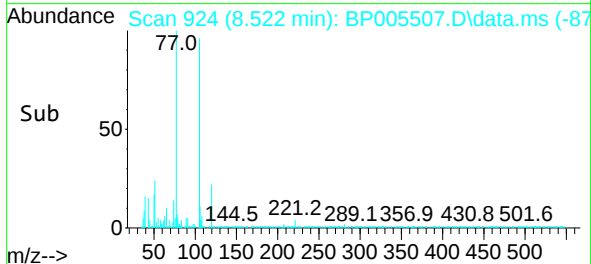
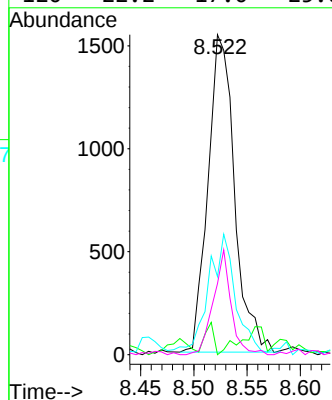
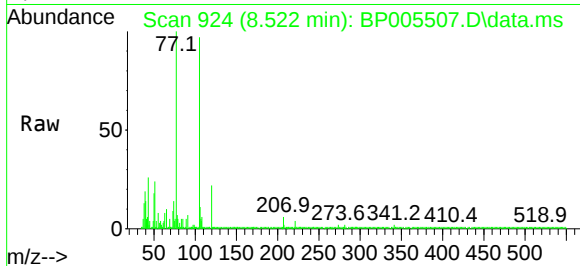




#22
Acetophenone
Concen: 2.94 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

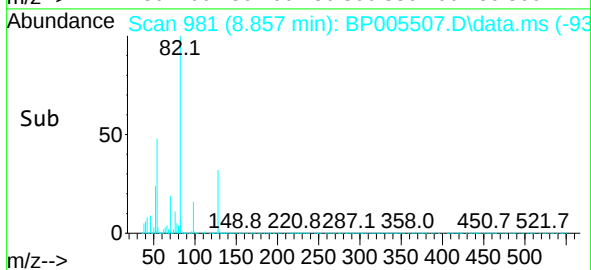
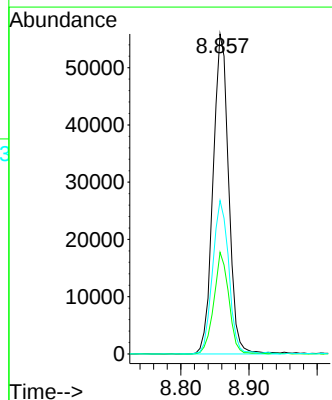
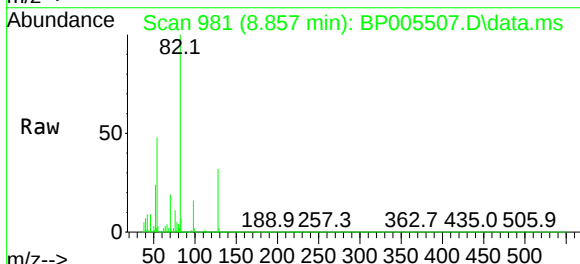
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BNA_P
ClientSampleId :
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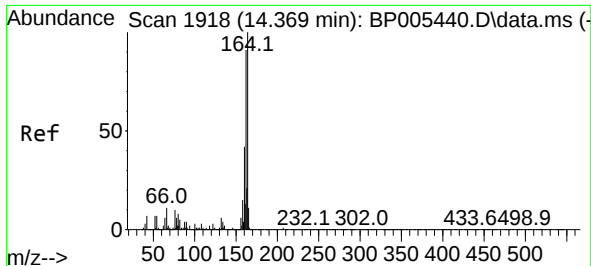
Tgt Ion:	105	Resp:	2677
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	24.4	18.2	27.2
120	22.2	17.0	25.6



#23
Nitrobenzene-d5
Concen: 108.71 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

Tgt Ion:	82	Resp:	89070
Ion	Ratio	Lower	Upper
82	100		
128	31.8	30.5	45.7
54	48.0	33.9	50.9

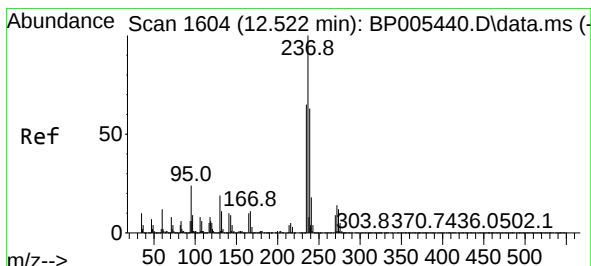
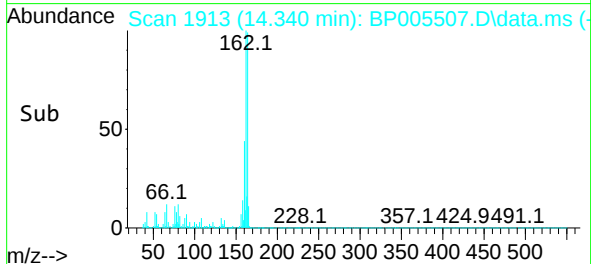
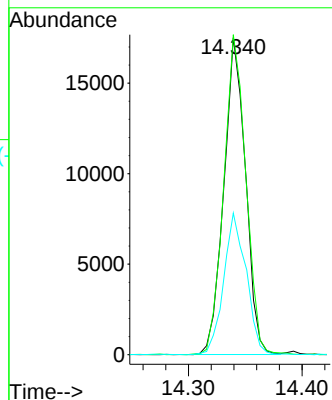
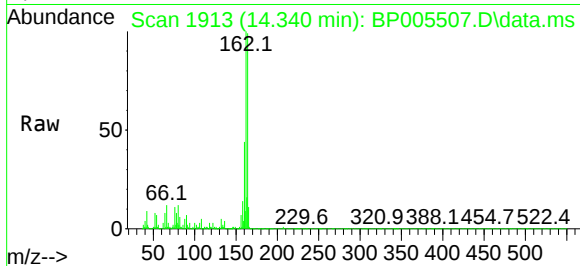




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

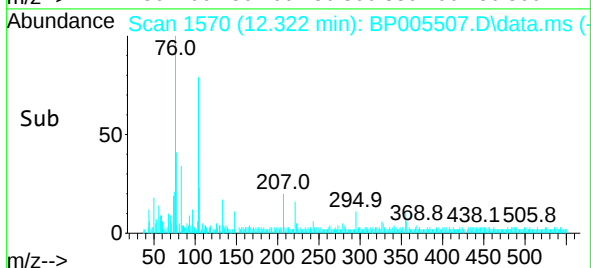
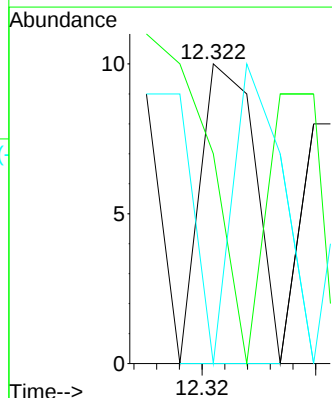
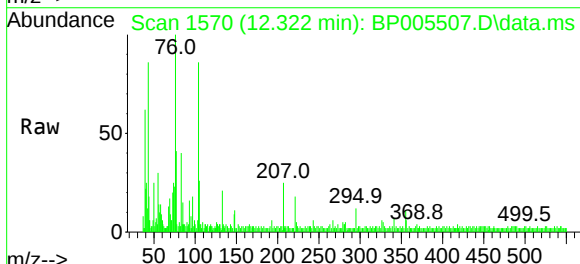
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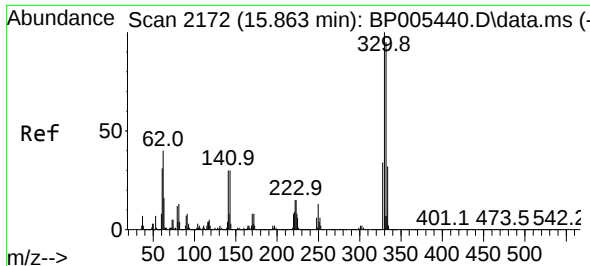
Tgt Ion:164	Resp:	23210
Ion Ratio	Lower	Upper
164	100	
162	101.0	73.5 110.3
160	44.7	40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.322 min Scan# 1570
Delta R.T. -0.177 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

Tgt Ion:237	Resp:	7
Ion Ratio	Lower	Upper
237	100	
235	70.0	40.9 80.9
272	0.0	0.0 34.6

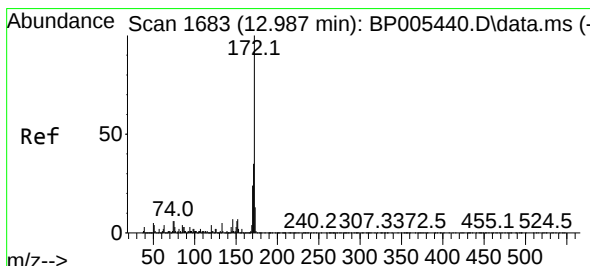
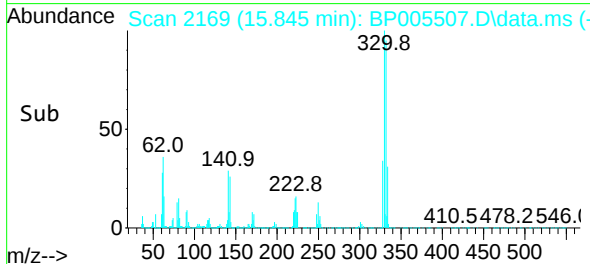
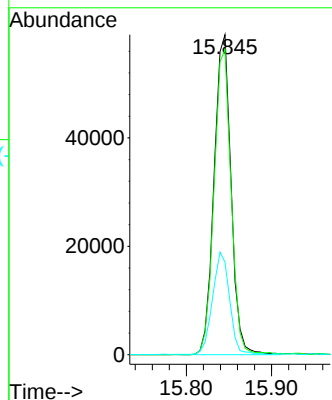
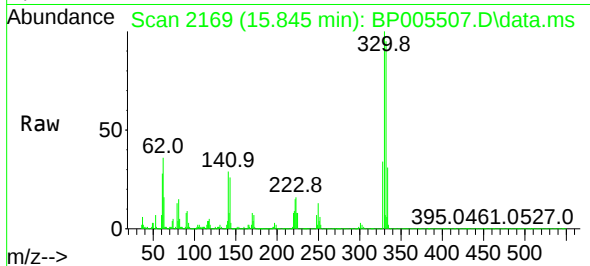




#42
2,4,6-Tribromophenol
Concen: 124.05 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

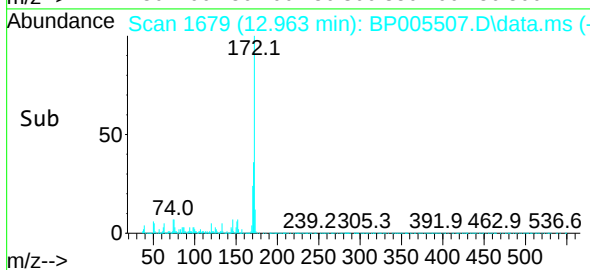
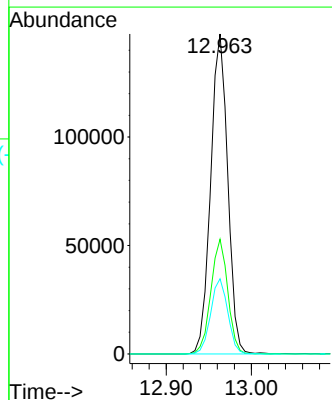
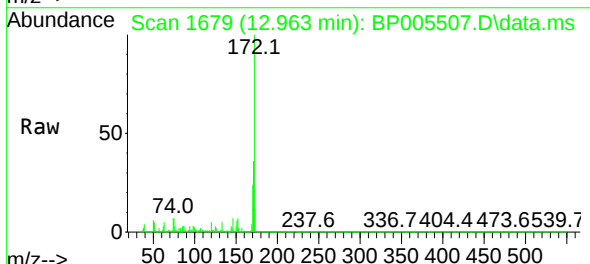
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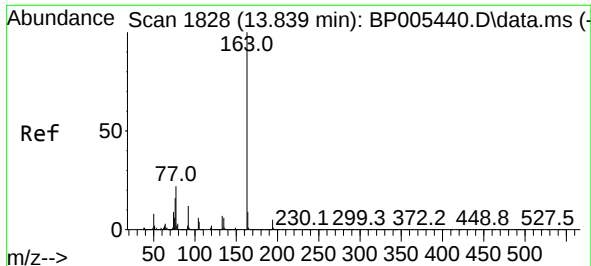
Tgt Ion:330 Resp: 81704
Ion Ratio Lower Upper
330 100
332 95.9 76.3 114.5
141 32.2 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 99.77 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

Tgt Ion:172 Resp: 205277
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 23.5 19.6 29.4

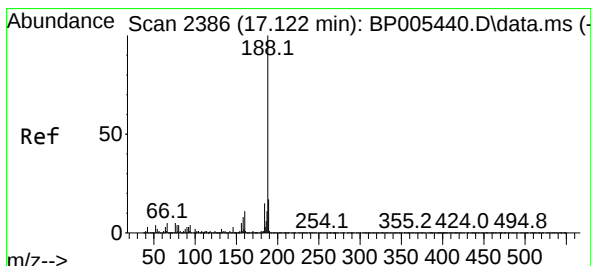
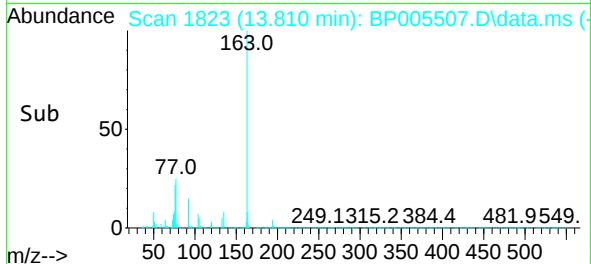
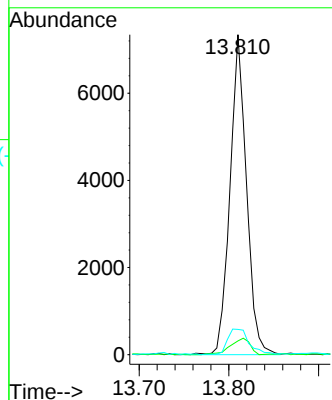
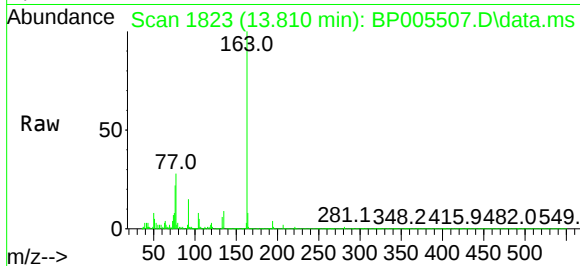




#50
Dimethylphthalate
Concen: 4.68 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

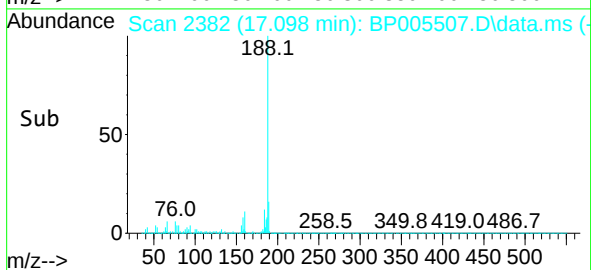
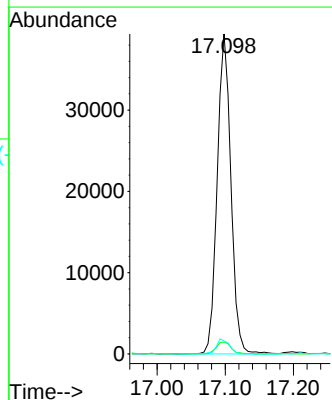
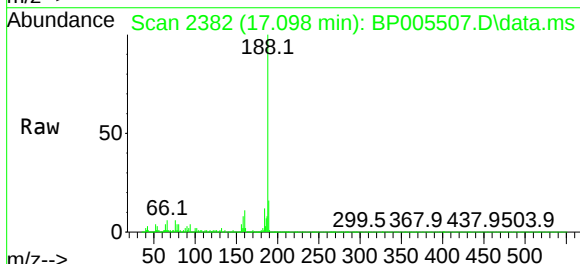
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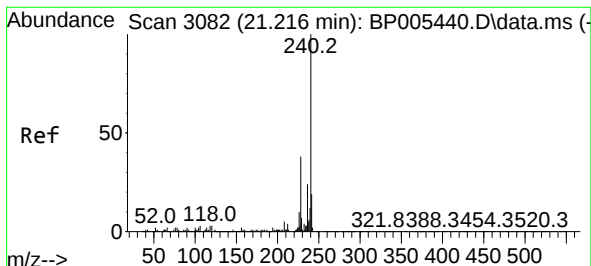
Tgt Ion:163 Resp: 9386
Ion Ratio Lower Upper
163 100
194 4.3 3.9 5.9
164 7.9 8.1 12.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

Tgt Ion:188 Resp: 55044
Ion Ratio Lower Upper
188 100
94 3.7 5.0 7.6#
80 4.1 5.9 8.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.198 min Scan# 3079

Delta R.T. 0.006 min

Lab File: BP005507.D

Acq: 12 May 2021 16:52

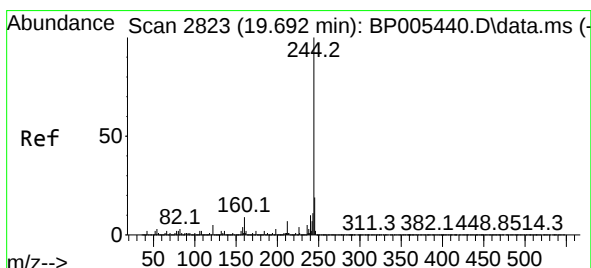
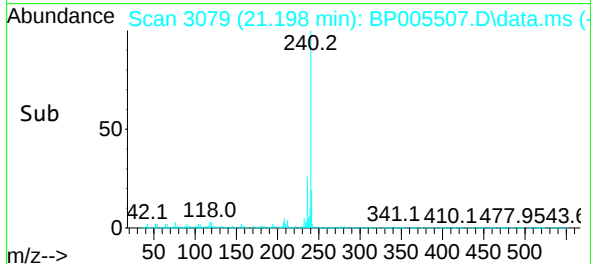
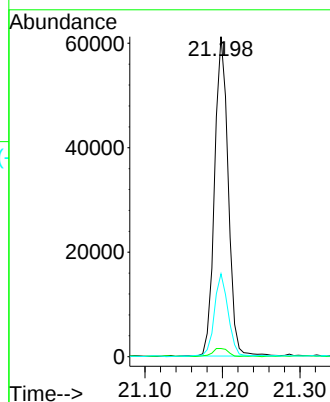
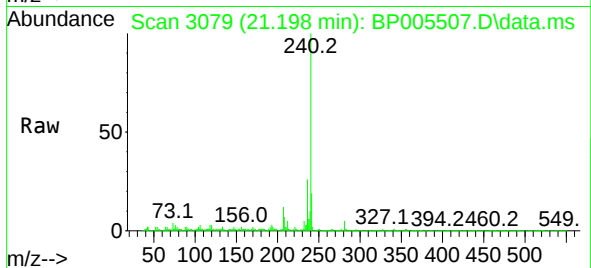
Instrument :

BNA_P

ClientSampleId :

20071

Tgt Ion:240 Resp: 74623
 Ion Ratio Lower Upper
 240 100
 120 2.6 4.2 6.2#
 236 25.9 20.2 30.2



#79

Terphenyl-d14

Concen: 95.74 ng

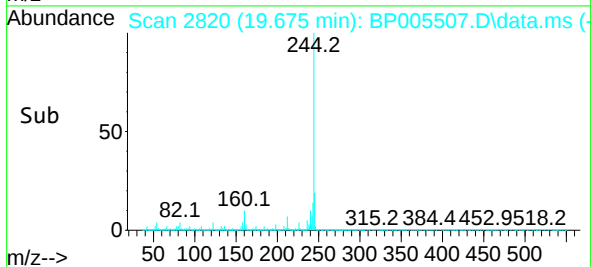
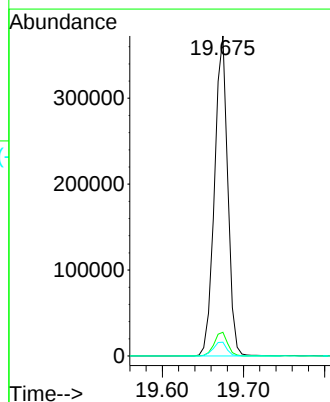
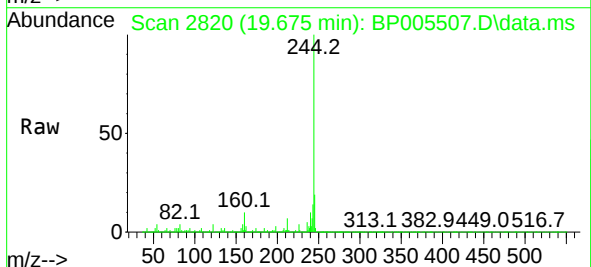
RT: 19.675 min Scan# 2820

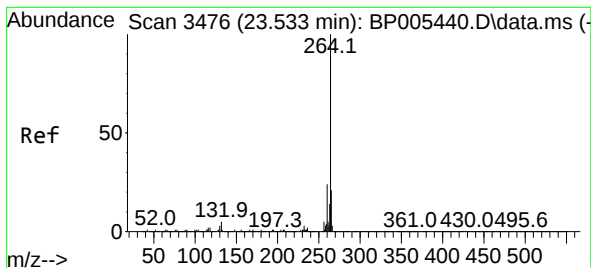
Delta R.T. 0.006 min

Lab File: BP005507.D

Acq: 12 May 2021 16:52

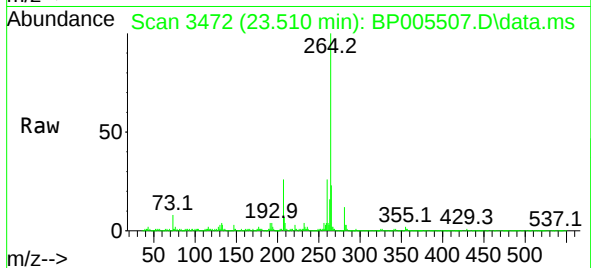
Tgt Ion:244 Resp: 420702
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 4.3 5.2 7.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. 0.006 min
Lab File: BP005507.D
Acq: 12 May 2021 16:52

Instrument :
BNA_P
ClientSampleId :
20071



Tgt Ion:264 Resp: 94906
Ion Ratio Lower Upper
264 100
260 26.0 20.6 30.8
265 23.2 19.0 28.6

