

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
 Data File : BP005471.D
 Acq On : 10 May 2021 16:36
 Operator : CG/JU
 Sample : M2295-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-A-B-C

Quant Time: May 10 17:18:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 12:37:06 2021
 Response via : Initial Calibration

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

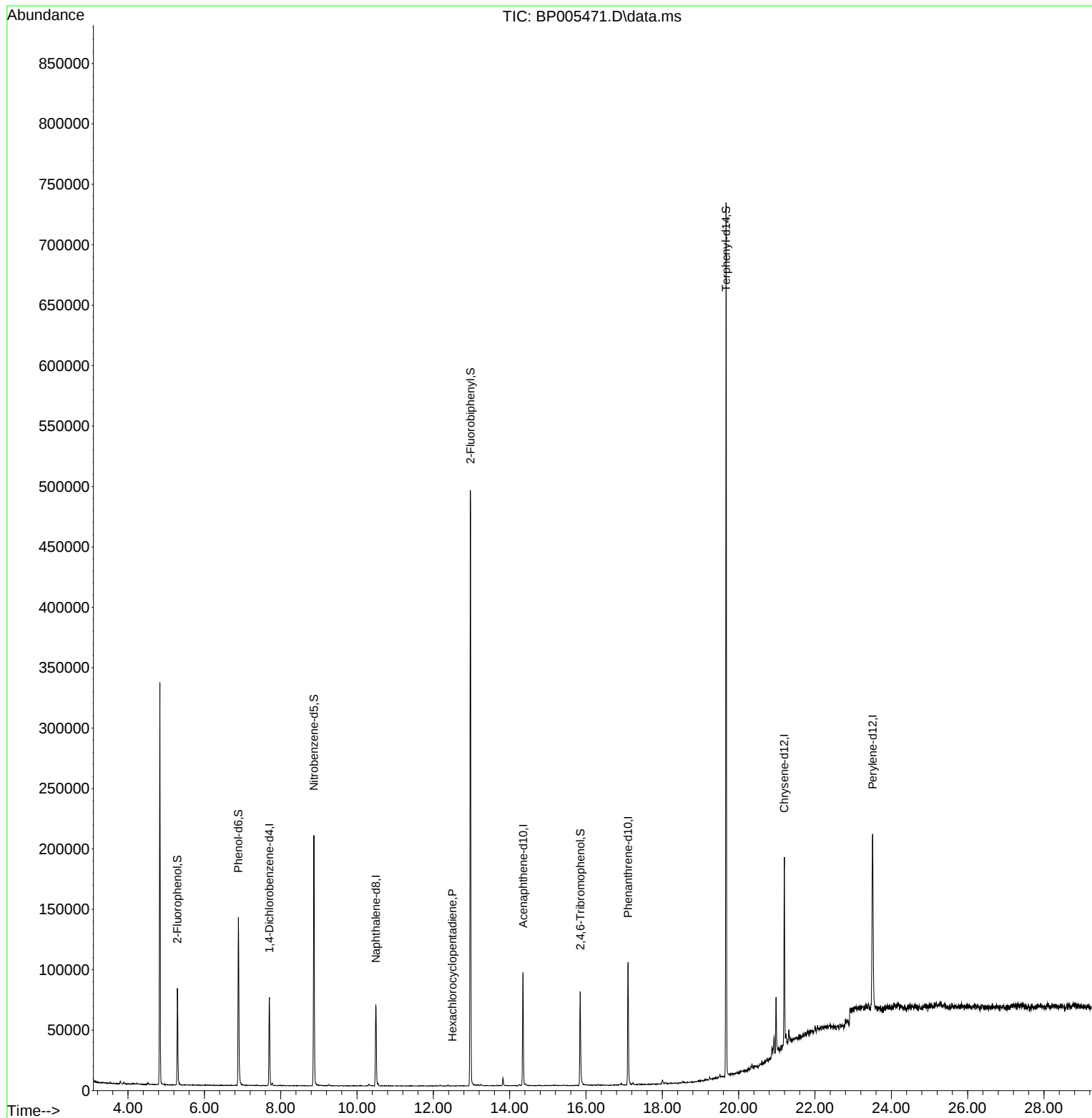
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	15382	20.00	ng	0.00
21) Naphthalene-d8	10.499	136	41480	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	27905	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	60914	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	71964	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	119324	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	24472	30.53	ng	0.00
7) Phenol-d6	6.893	99	53001	53.03	ng	0.00
23) Nitrobenzene-d5	8.869	82	99035	93.97	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	17972	22.70	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	213501	86.31	ng	0.00
79) Terphenyl-d14	19.669	244	291872	68.88	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.199	88	41	Below Cal	#	1
9) Benzaldehyde	6.840	77	89	Below Cal	#	10
41) Hexachlorocyclopentadiene	12.498	237	7	7.88	ng	73

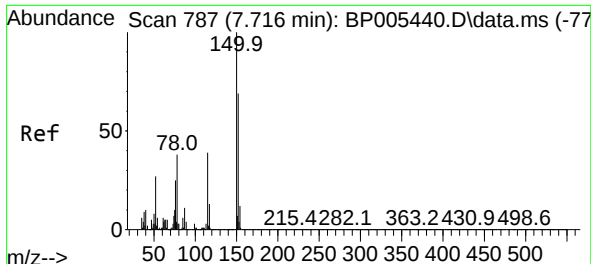
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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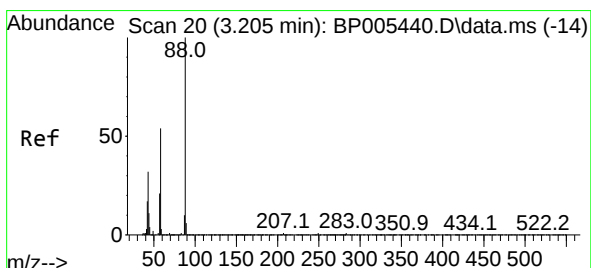
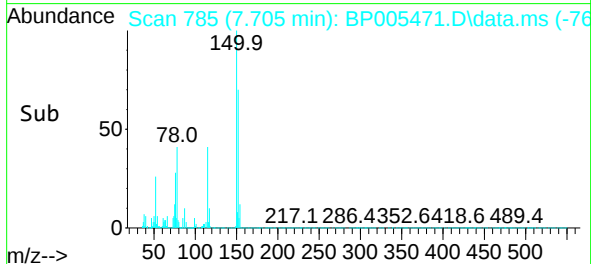
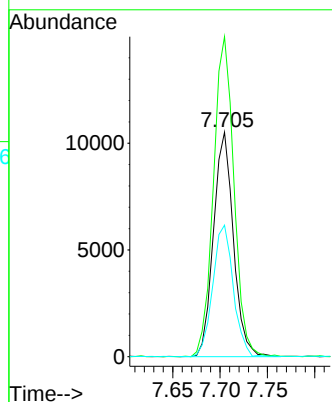
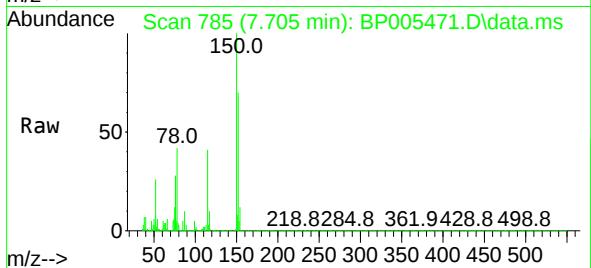




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.006 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

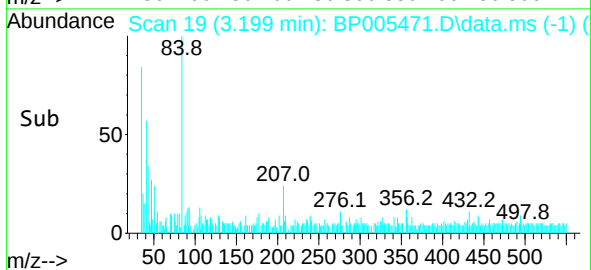
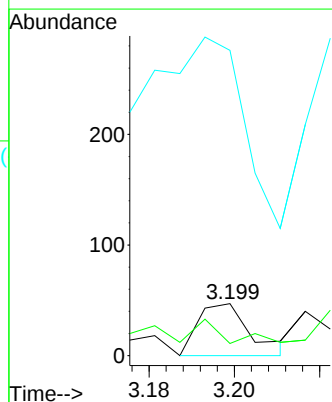
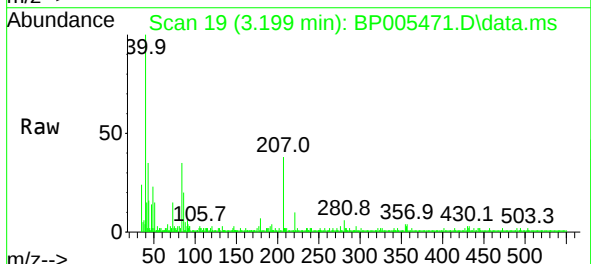
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BNA_P
ClientSampleId :
DRUM-A-B-C

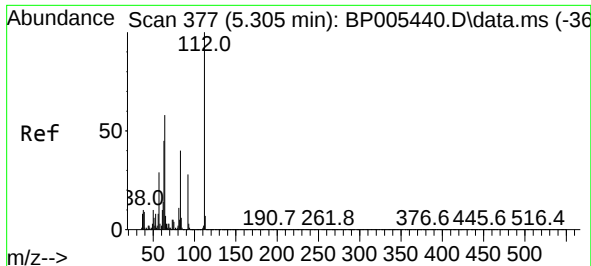
Tgt Ion:152 Resp: 15382
Ion Ratio Lower Upper
152 100
150 142.6 119.8 179.8
115 58.6 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.199 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
58 31.7 42.5 63.7#
43 573.2 19.8 29.8#

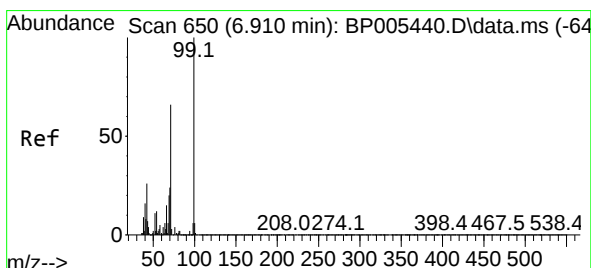
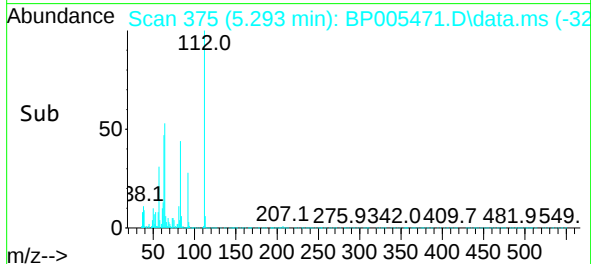
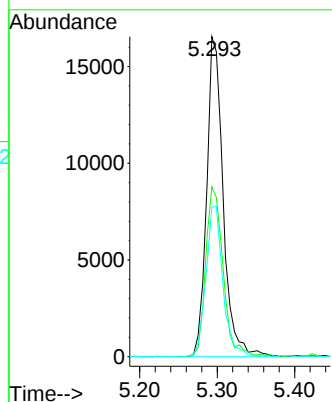
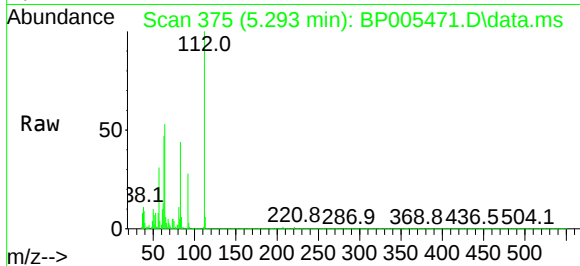




#5
2-Fluorophenol
Concen: 30.53 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.006 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

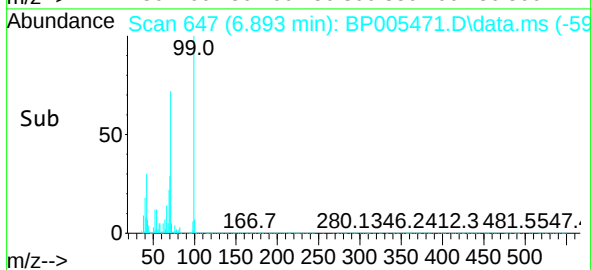
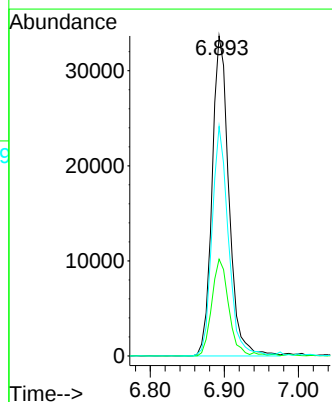
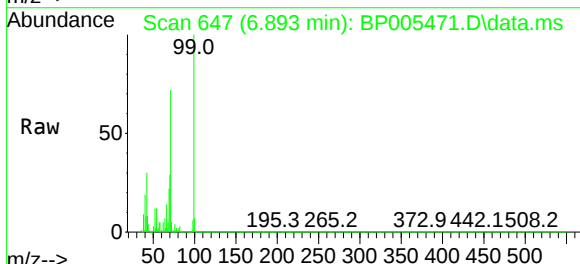
Instrument :
BNA_P
ClientSampleId :
DRUM-A-B-C

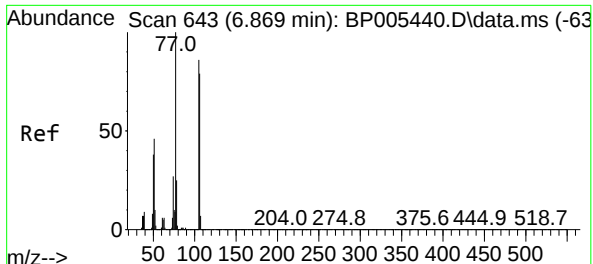
Tgt Ion:112 Resp: 24472
Ion Ratio Lower Upper
112 100
64 53.0 33.6 50.4#
63 46.7 18.6 27.8#



#7
Phenol-d6
Concen: 53.03 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

Tgt Ion: 99 Resp: 53001
Ion Ratio Lower Upper
99 100
42 30.2 12.9 19.3#
71 71.7 26.7 40.1#

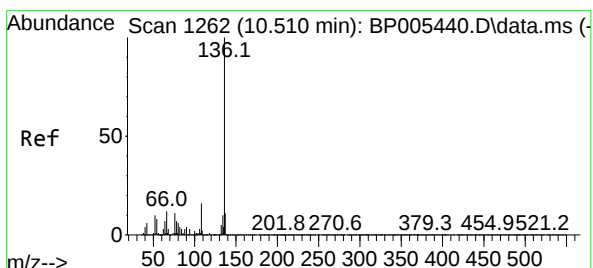
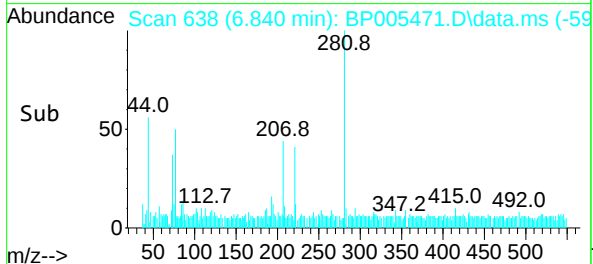
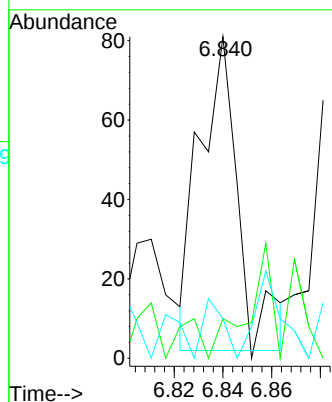
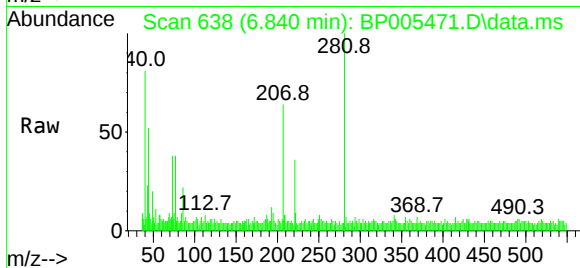




#9
Benzaldehyde
Concen: Below Cal
RT: 6.840 min Scan# 638
Delta R.T. -0.018 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

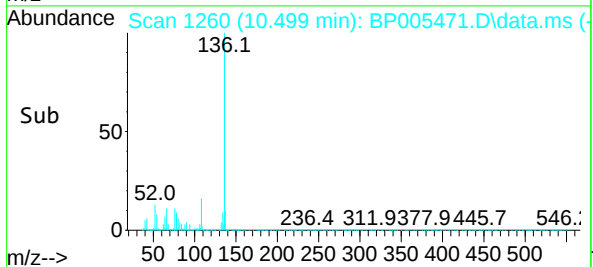
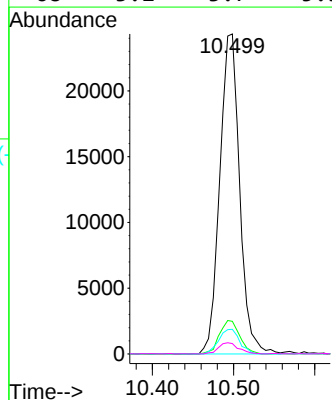
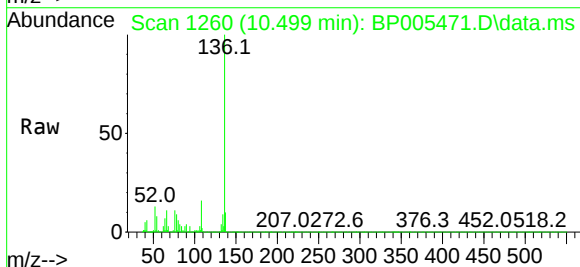
Instrument :
BNA_P
ClientSampleId :
DRUM-A-B-C

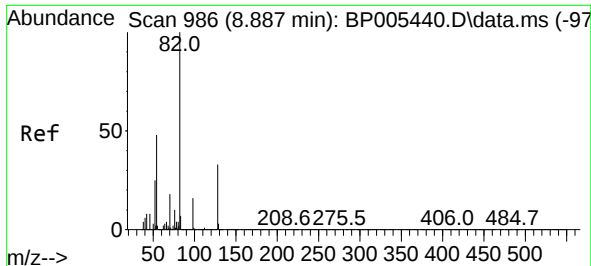
Tgt Ion: 77 Resp: 89
Ion Ratio Lower Upper
77 100
105 12.3 89.4 129.4#
106 12.3 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

Tgt Ion:136 Resp: 41480
Ion Ratio Lower Upper
136 100
137 10.2 8.9 13.3
54 7.7 5.0 7.4#
68 3.2 3.7 5.5#

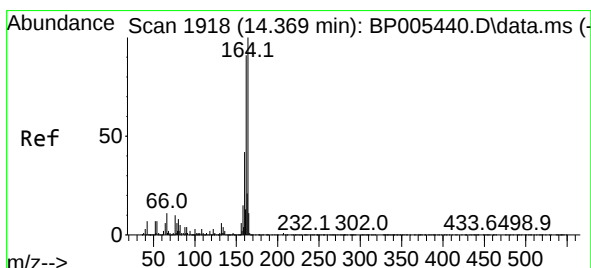
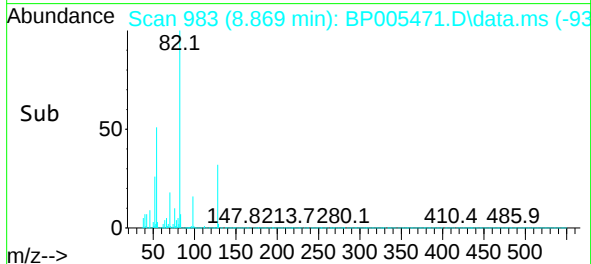
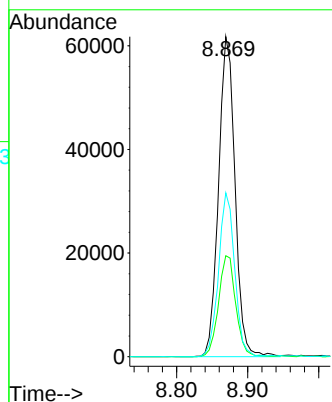
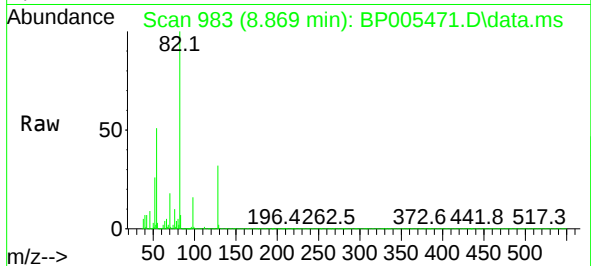




#23
Nitrobenzene-d5
Concen: 93.97 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

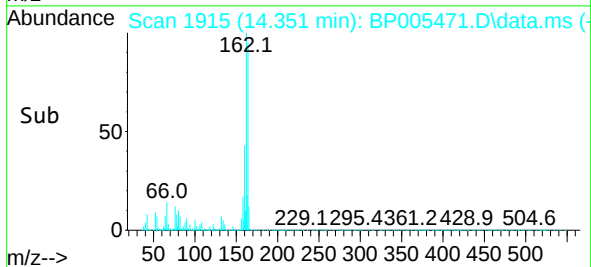
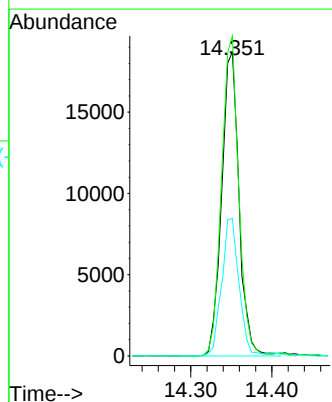
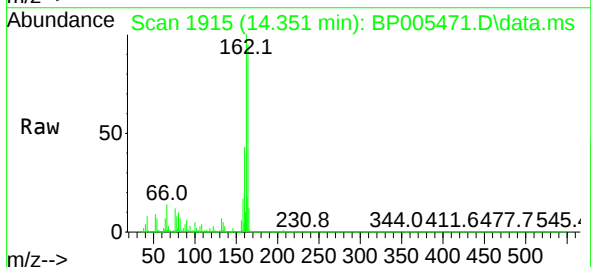
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ClientSampleId :
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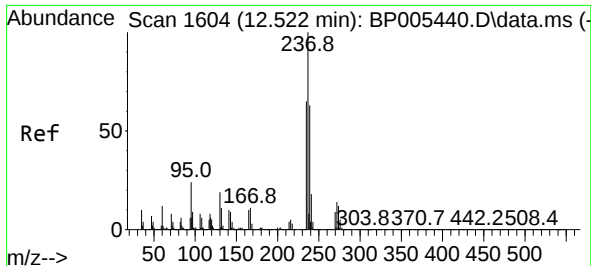
Tgt Ion: 82 Resp: 99035
Ion Ratio Lower Upper
82 100
128 31.6 30.5 45.7
54 51.2 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

Tgt Ion: 164 Resp: 27905
Ion Ratio Lower Upper
164 100
162 105.3 73.5 110.3
160 45.3 40.6 61.0

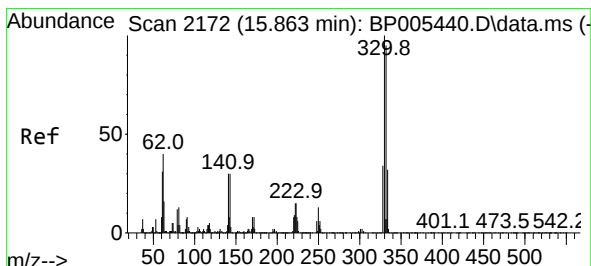
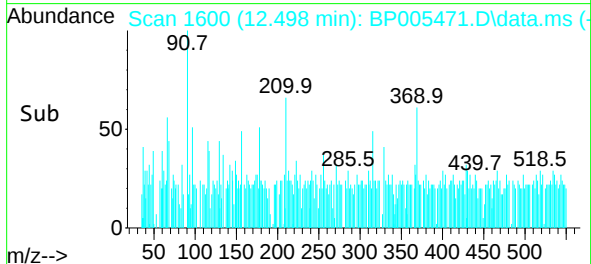
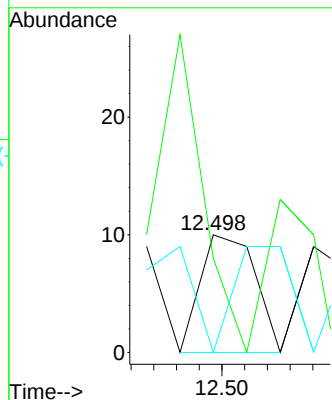
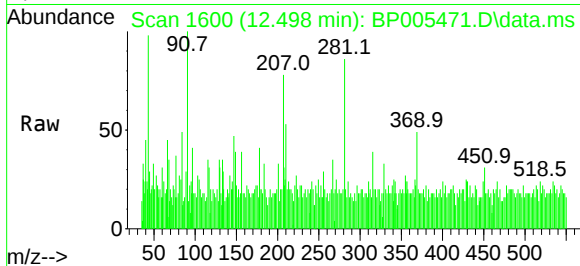




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.498 min Scan# 1600
Delta R.T. -0.012 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

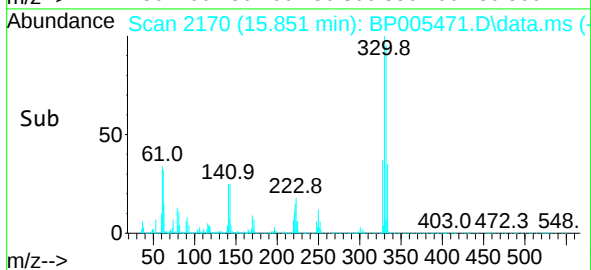
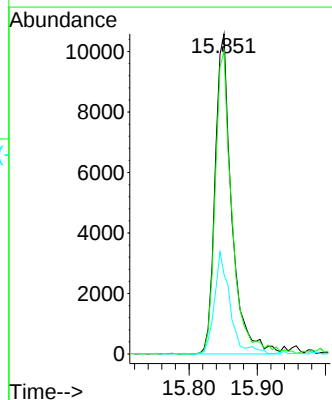
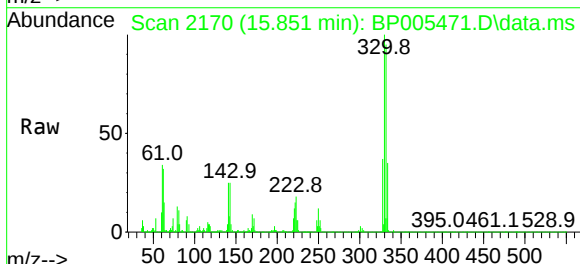
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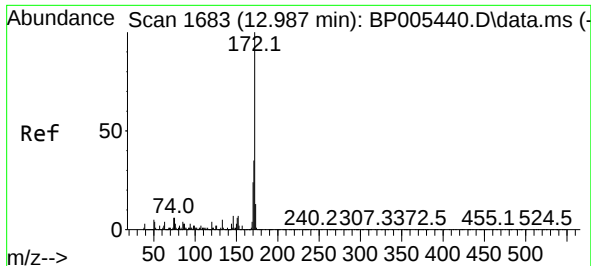
Tgt Ion:	237	Resp:	7
Ion	Ratio	Lower	Upper
237	100		
235	80.0	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 22.70 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

Tgt Ion:	330	Resp:	17972
Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.3	114.5
141	30.0	22.8	34.2

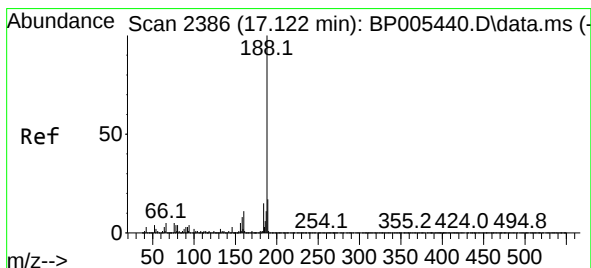
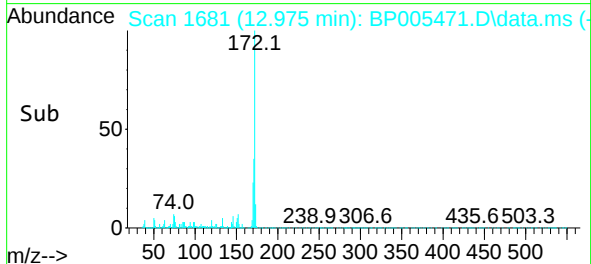
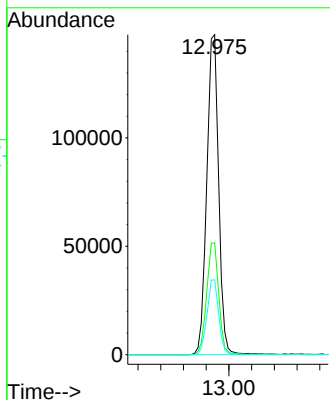
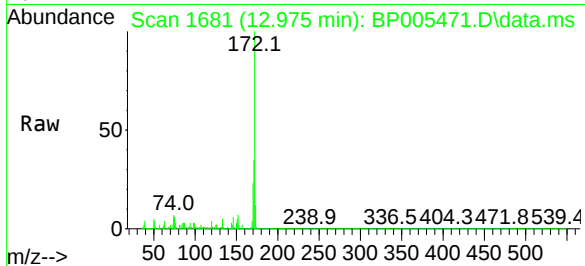




#45
2-Fluorobiphenyl
Concen: 86.31 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

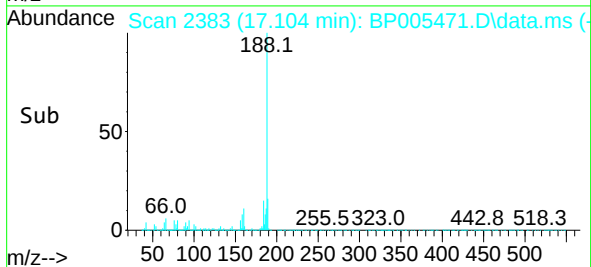
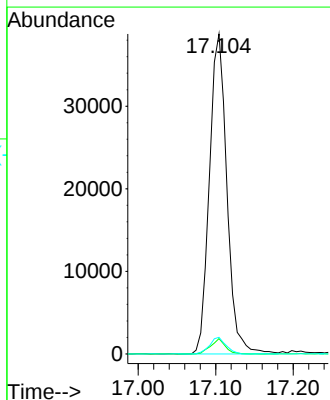
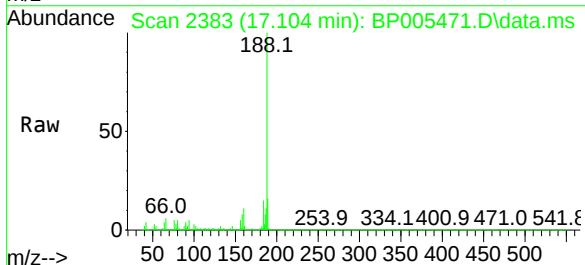
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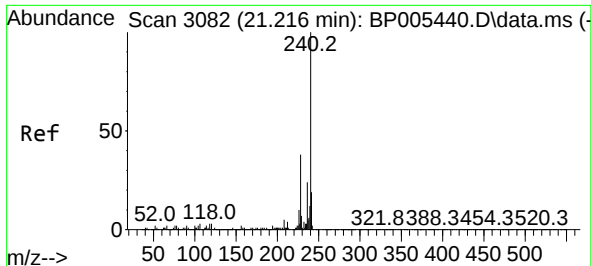
Tgt Ion:172 Resp: 213501
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

Tgt Ion:188 Resp: 60914
Ion Ratio Lower Upper
188 100
94 4.8 5.0 7.6#
80 5.2 5.9 8.9#

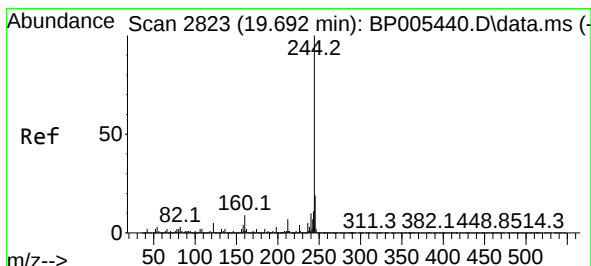
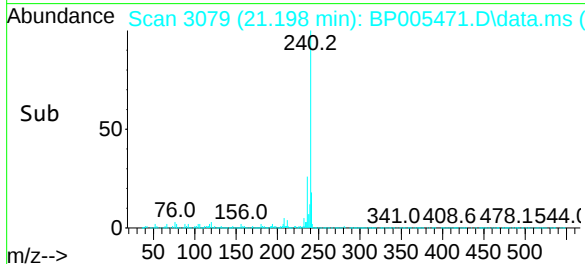
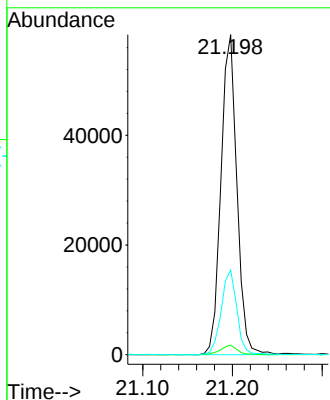
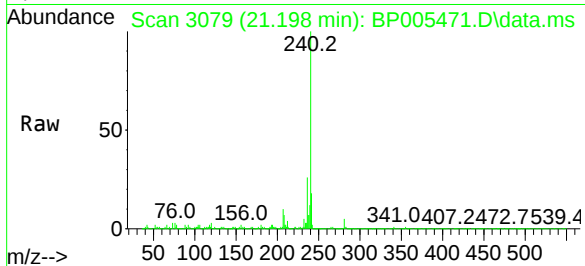




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

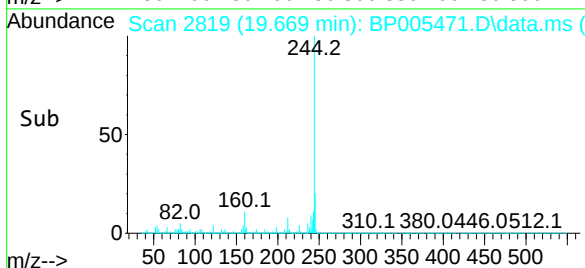
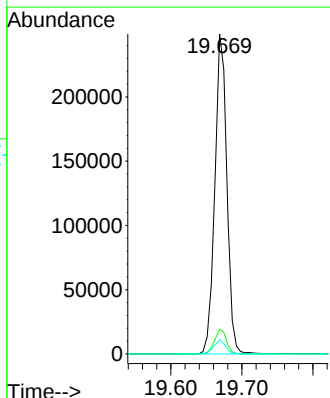
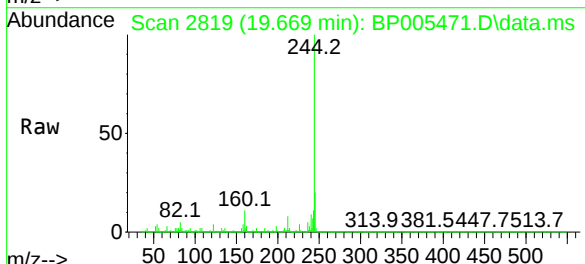
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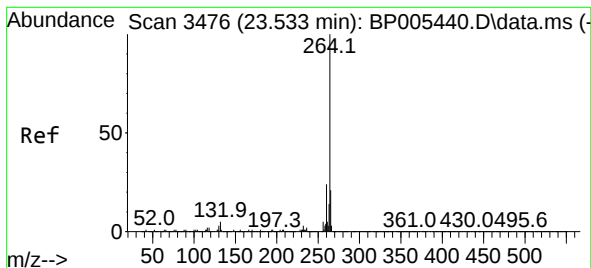
Tgt Ion:240 Resp: 71964
Ion Ratio Lower Upper
240 100
120 3.0 4.2 6.2#
236 26.5 20.2 30.2



#79
Terphenyl-d14
Concen: 68.88 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BP005471.D
Acq: 10 May 2021 16:36

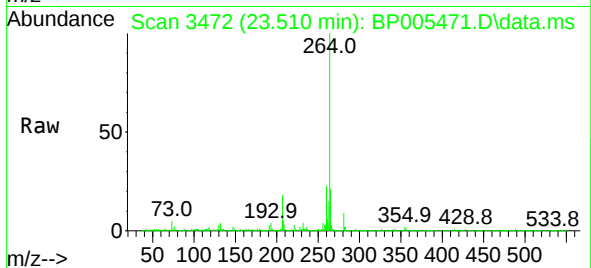
Tgt Ion:244 Resp: 291872
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 4.4 5.2 7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.510 min Scan# 3472
 Delta R.T. -0.012 min
 Lab File: BP005471.D
 Acq: 10 May 2021 16:36

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-A-B-C



Tgt Ion:264 Resp: 119324

Ion	Ratio	Lower	Upper
264	100		
260	22.7	20.6	30.8
265	21.0	19.0	28.6

