

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005515.D
 Acq On : 12 May 2021 21:22
 Operator : CG/JU
 Sample : M2365-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: May 13 03:28:07 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)

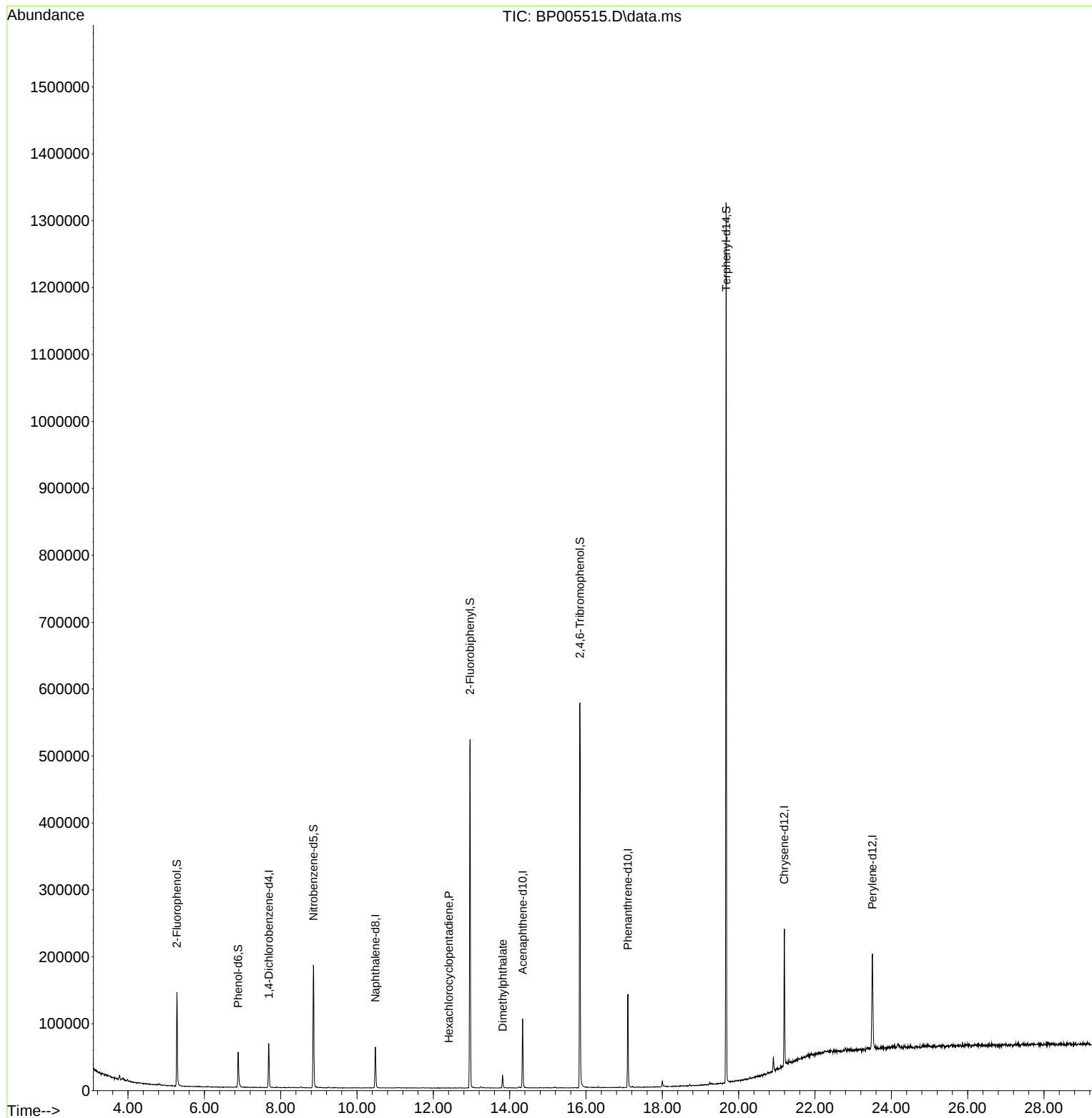
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	13221	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	35633	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	28865	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	75354	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	100248	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	113243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	44640	64.80	ng	0.00
7) Phenol-d6	6.887	99	21509	25.04	ng	0.00
23) Nitrobenzene-d5	8.857	82	92920	102.64	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	98947	120.80	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	220014	85.98	ng	0.00
79) Terphenyl-d14	19.674	244	538117	91.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.181	88	101	Below Cal	#	1
9) Benzaldehyde	6.834	77	12	Below Cal	#	67
41) Hexachlorocyclopentadiene	12.404	237	14	7.89 ng		73
50) Dimethylphthalate	13.816	163	10862	4.36 ng	#	93

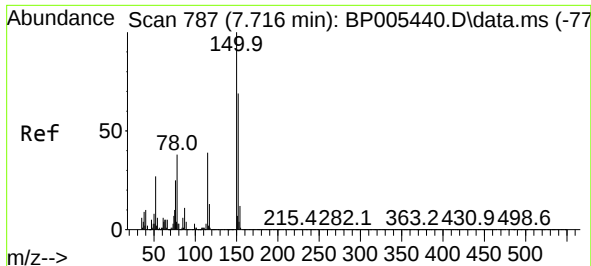
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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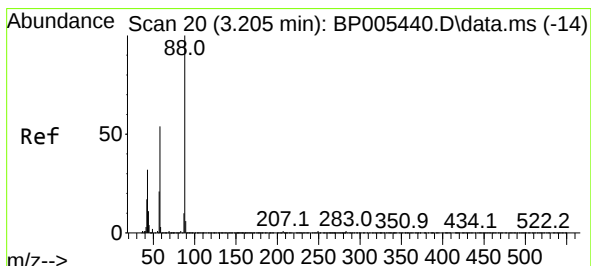
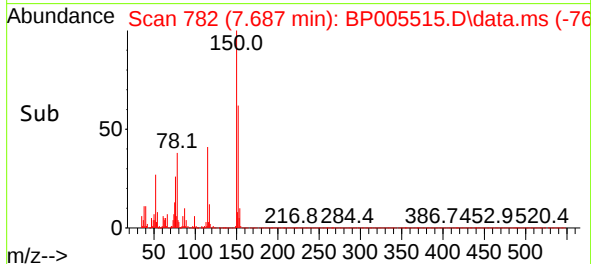
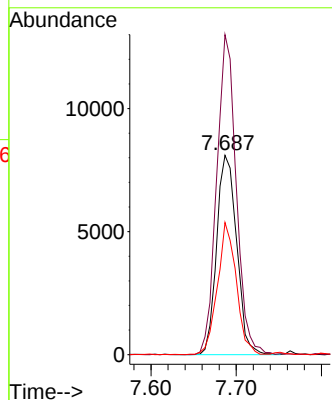
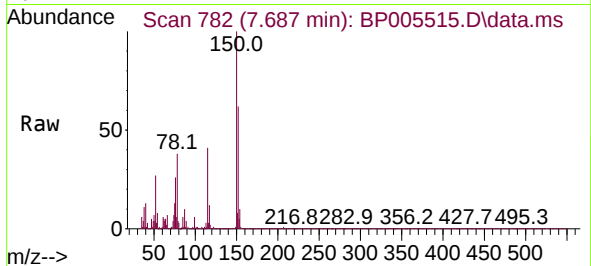




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

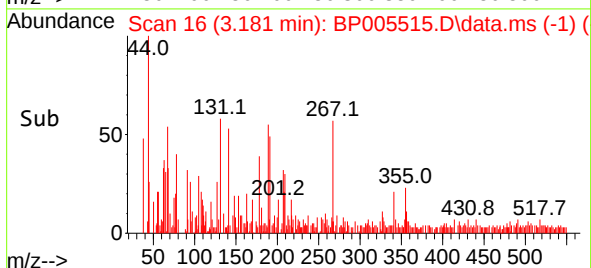
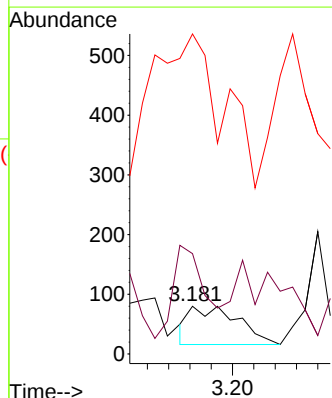
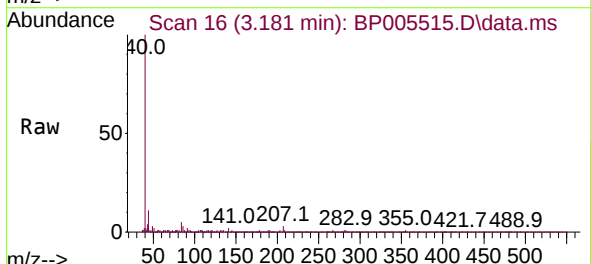
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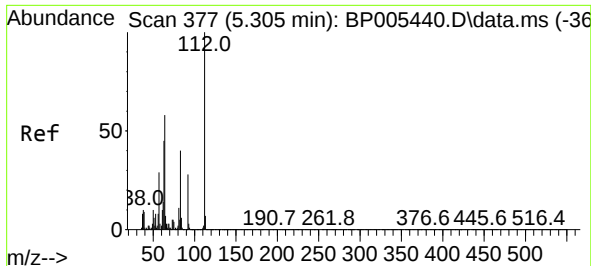
Tgt Ion:152 Resp: 13221
Ion Ratio Lower Upper
152 100
150 160.5 119.8 179.8
115 66.3 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.181 min Scan# 16
Delta R.T. -0.000 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

Tgt Ion: 88 Resp: 101
Ion Ratio Lower Upper
88 100
58 157.4 42.5 63.7#
43 576.2 19.8 29.8#

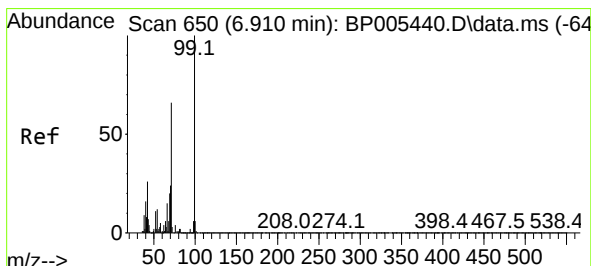
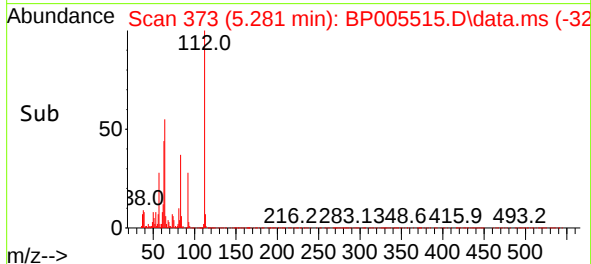
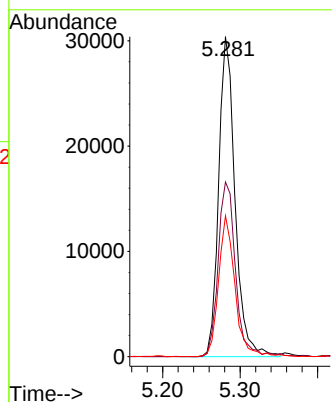
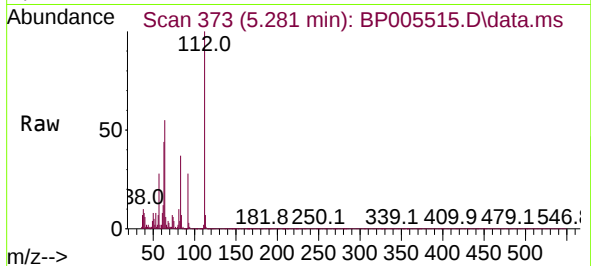




#5
2-Fluorophenol
Concen: 64.80 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

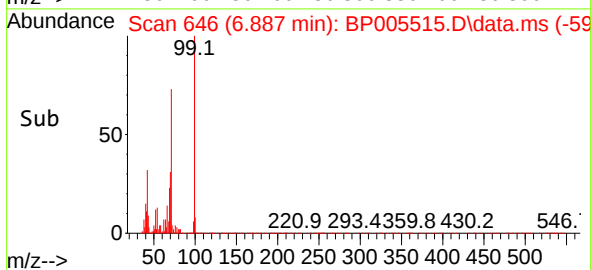
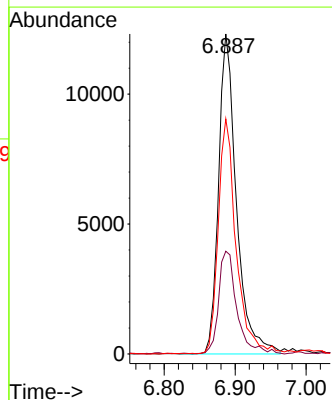
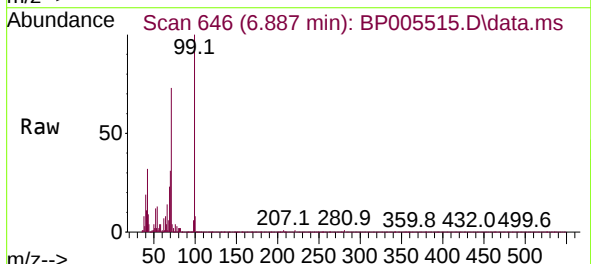
Instrument :
BNA_P
ClientSampleId :
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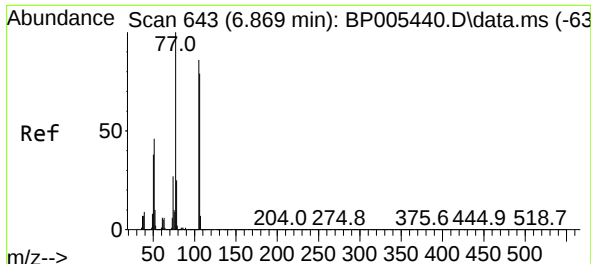
Tgt Ion:112 Resp: 44640
Ion Ratio Lower Upper
112 100
64 54.6 33.6 50.4#
63 44.0 18.6 27.8#



#7
Phenol-d6
Concen: 25.04 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

Tgt Ion: 99 Resp: 21509
Ion Ratio Lower Upper
99 100
42 32.1 12.9 19.3#
71 73.4 26.7 40.1#

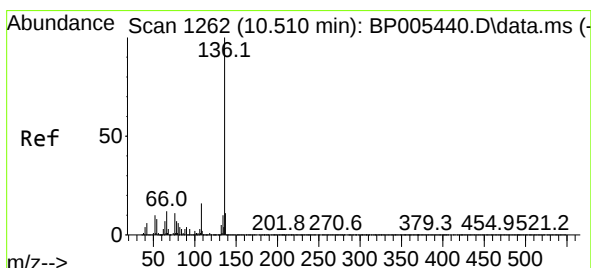
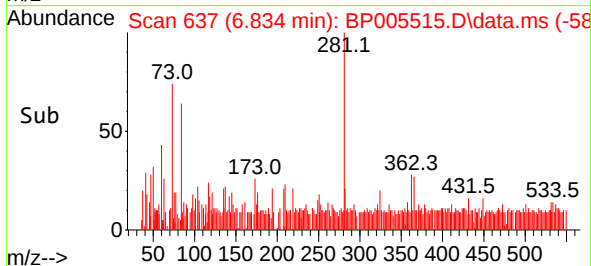
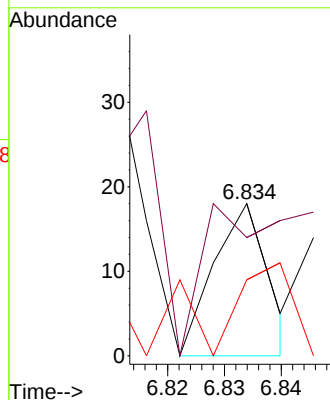
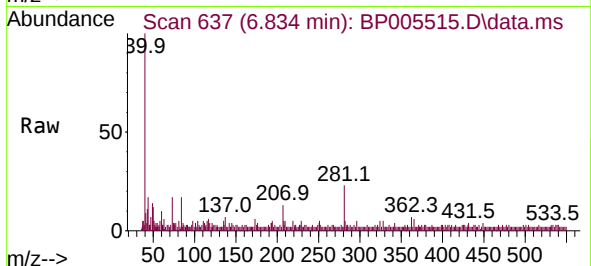




#9
Benzaldehyde
Concen: Below Cal
RT: 6.834 min Scan# 637
Delta R.T. -0.012 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

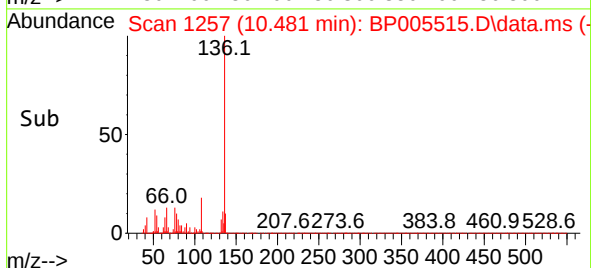
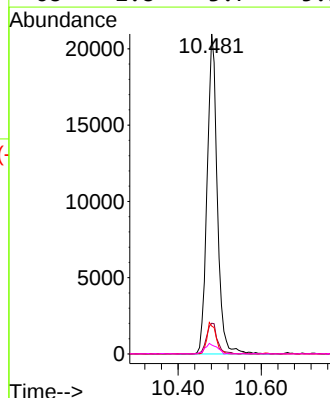
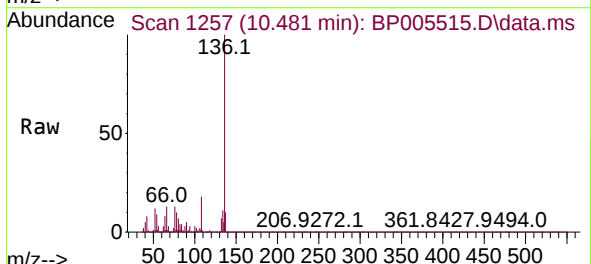
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BNA_P
ClientSampleId :
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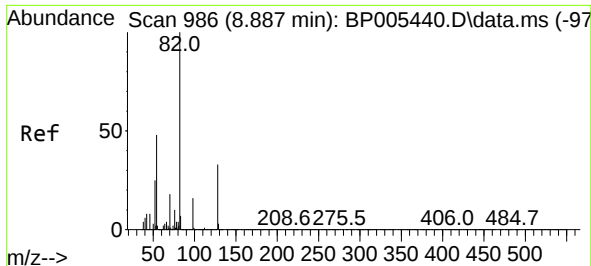
Tgt Ion: 77 Resp: 12
Ion Ratio Lower Upper
77 100
105 127.8 89.4 129.4
106 50.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

Tgt Ion: 136 Resp: 35633
Ion Ratio Lower Upper
136 100
137 9.6 8.9 13.3
54 8.7 5.0 7.4#
68 2.8 3.7 5.5#

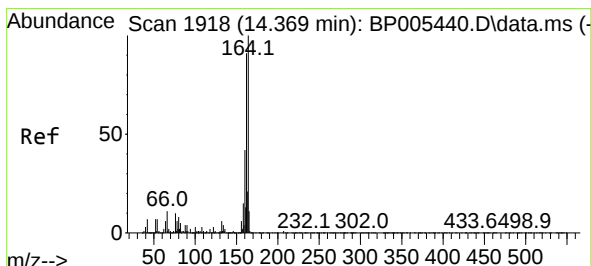
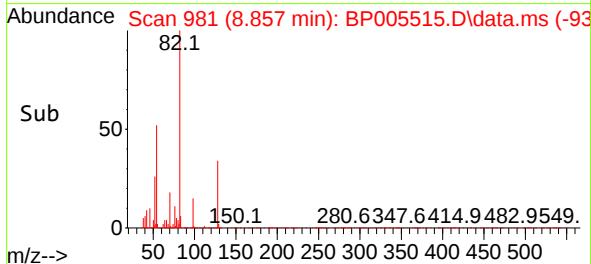
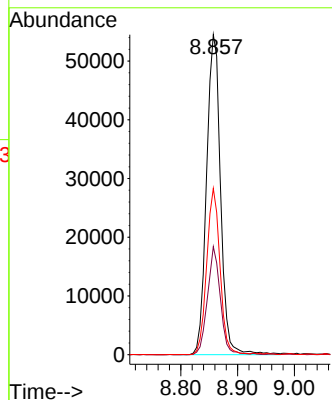
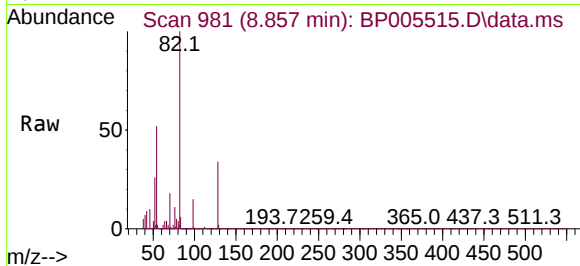




#23
Nitrobenzene-d5
Concen: 102.64 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

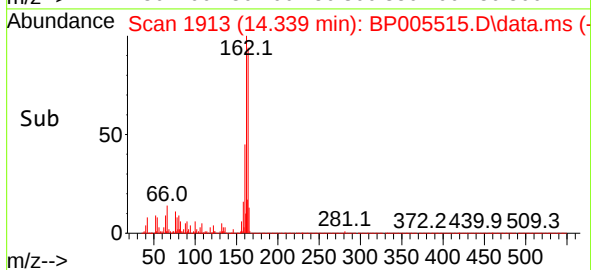
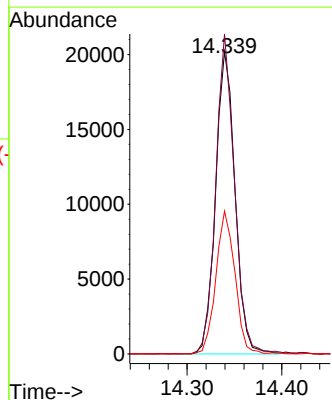
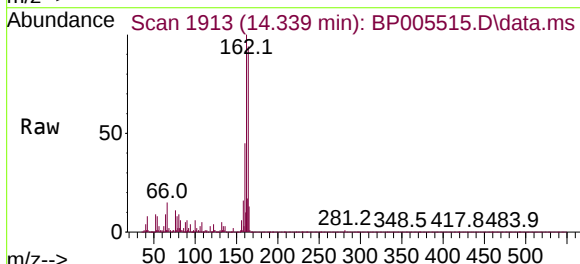
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ClientSampleId :
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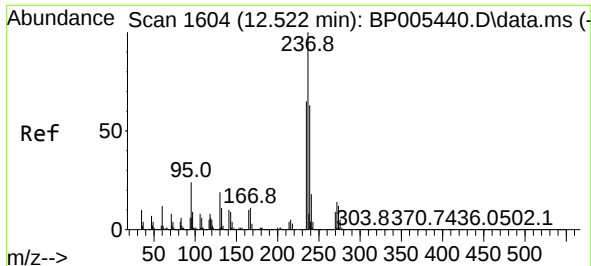
Tgt Ion: 82 Resp: 92920
Ion Ratio Lower Upper
82 100
128 33.7 30.5 45.7
54 52.0 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

Tgt Ion: 164 Resp: 28865
Ion Ratio Lower Upper
164 100
162 105.8 73.5 110.3
160 47.2 40.6 61.0

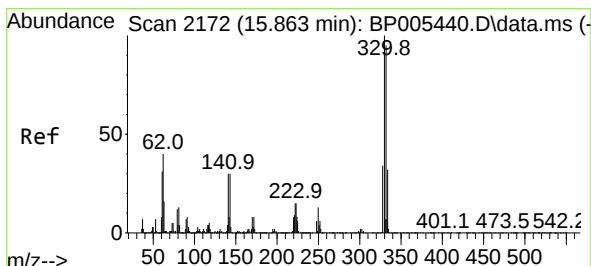
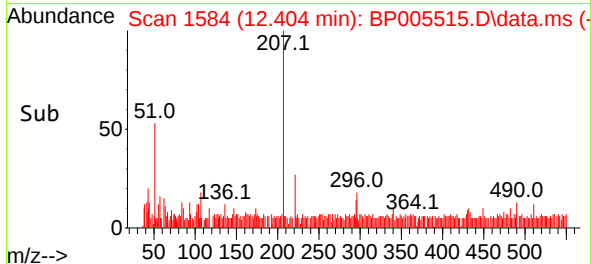
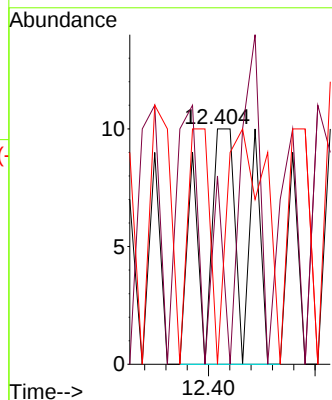
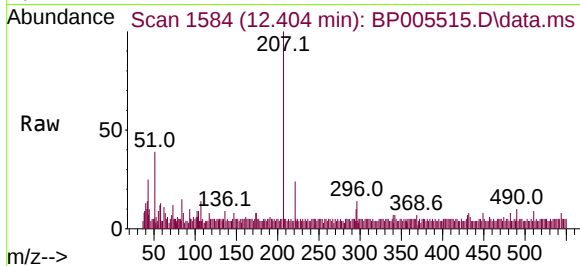




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.404 min Scan# 1584
Delta R.T. -0.094 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

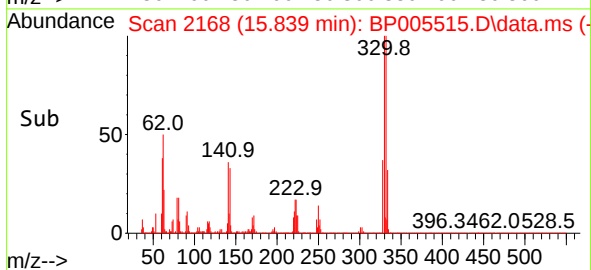
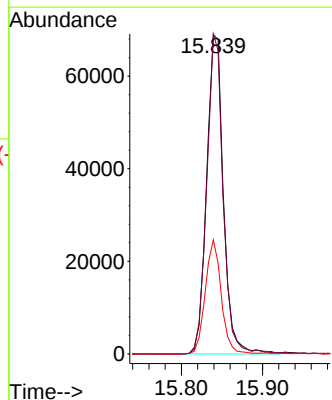
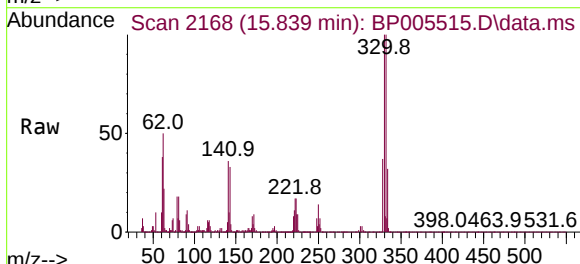
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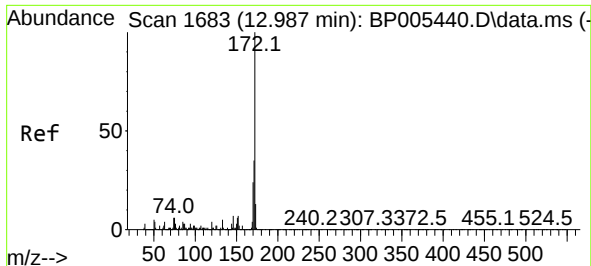
Tgt Ion:237	Resp:	14
Ion Ratio	Lower	Upper
237	100	
235	80.0	40.9 80.9
272	0.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 120.80 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

Tgt Ion:330	Resp:	98947
Ion Ratio	Lower	Upper
330	100	
332	97.3	76.3 114.5
141	34.0	22.8 34.2

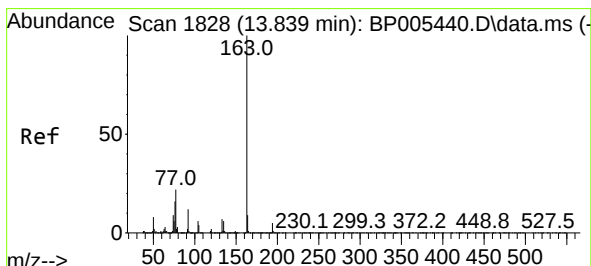
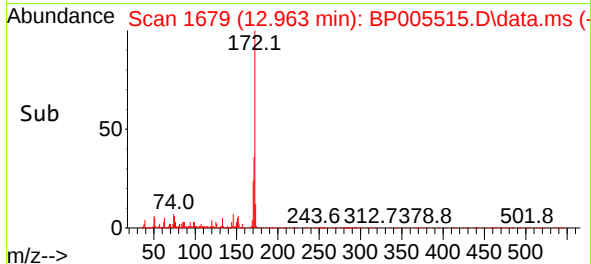
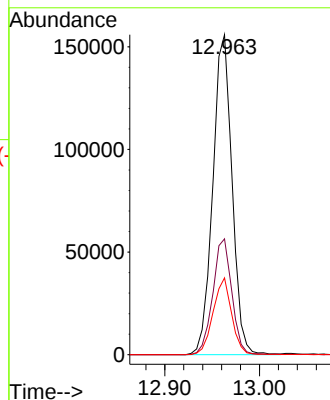
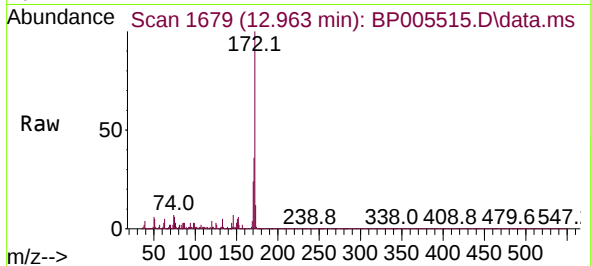




#45
2-Fluorobiphenyl
Concen: 85.98 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

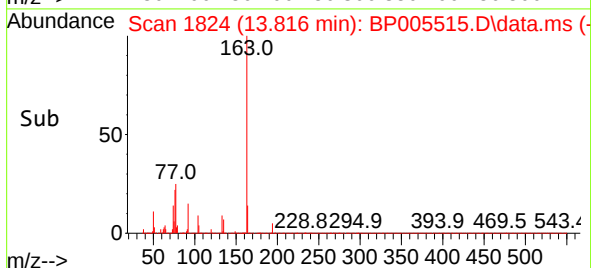
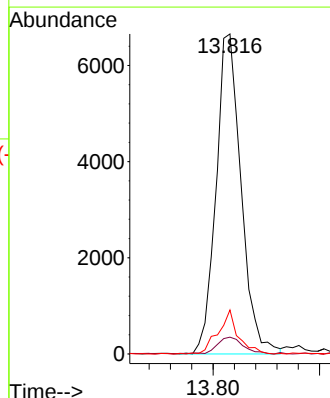
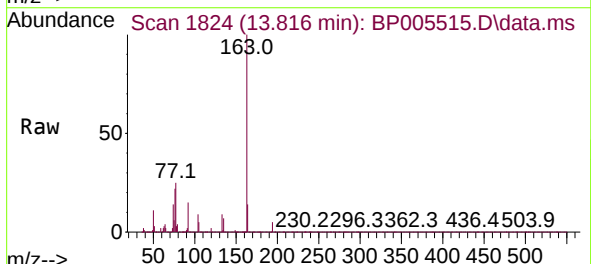
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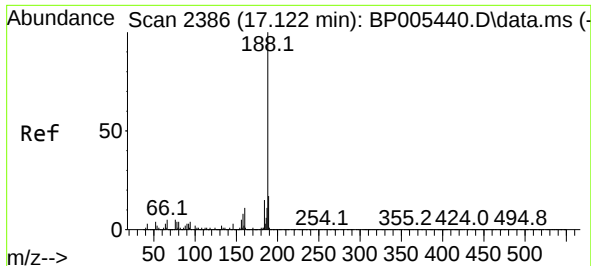
Tgt Ion:172	Resp:	220014
Ion Ratio	Lower	Upper
172	100	
171	36.2	28.1 42.1
170	24.0	19.6 29.4



#50
Dimethylphthalate
Concen: 4.36 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

Tgt Ion:163	Resp:	10862
Ion Ratio	Lower	Upper
163	100	
194	5.2	3.9 5.9
164	13.7	8.1 12.1#

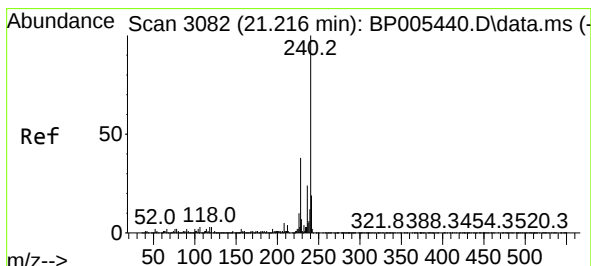
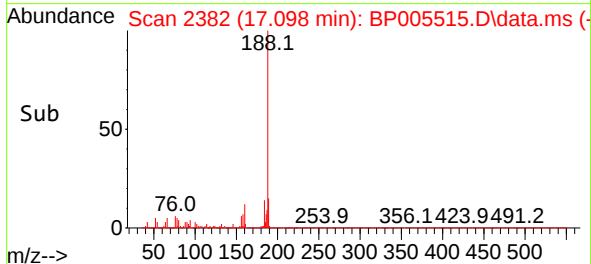
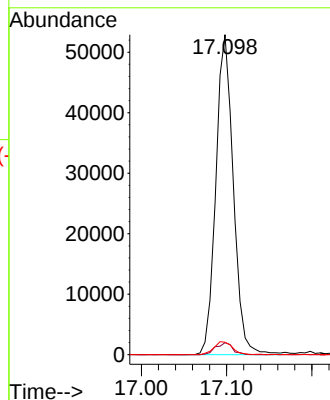
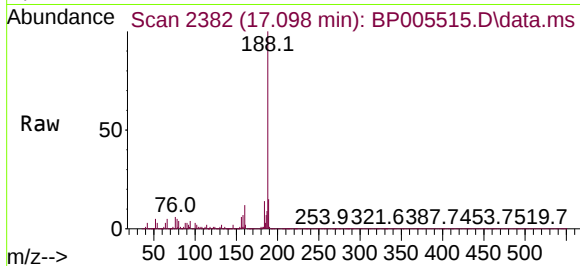




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

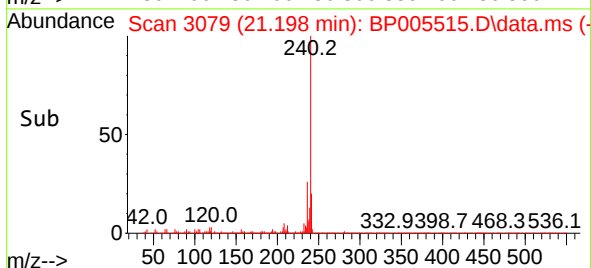
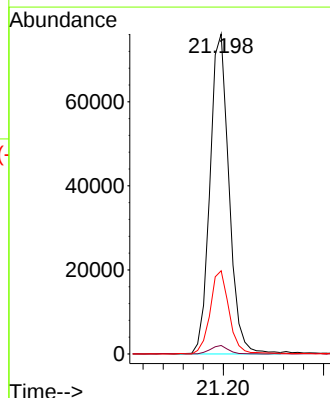
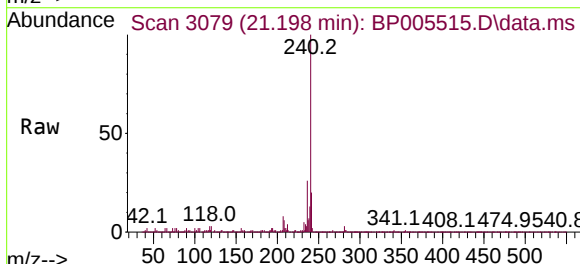
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ClientSampleId :
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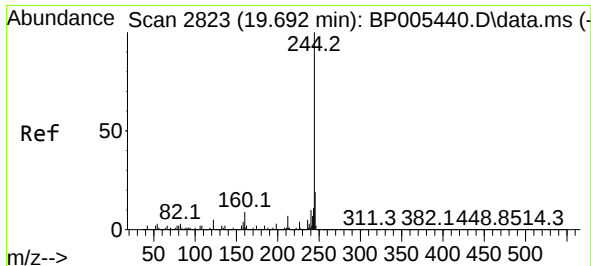
Tgt Ion:188	Resp:	75354
Ion Ratio	Lower	Upper
188	100	
94	3.8	5.0 7.6#
80	3.9	5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.006 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

Tgt Ion:240	Resp:	100248
Ion Ratio	Lower	Upper
240	100	
120	2.7	4.2 6.2#
236	26.0	20.2 30.2

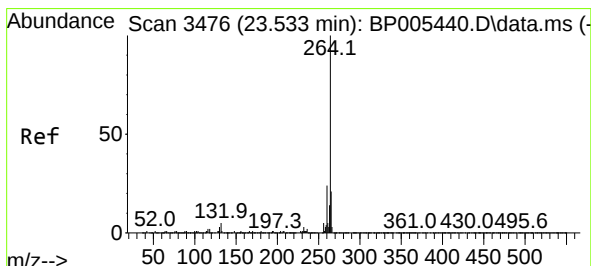
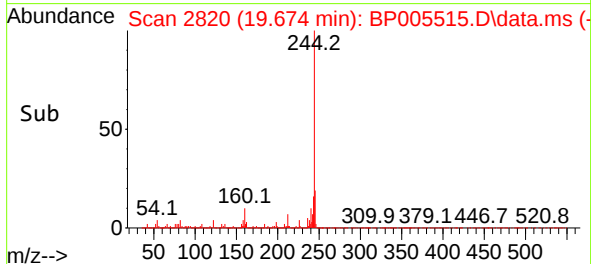
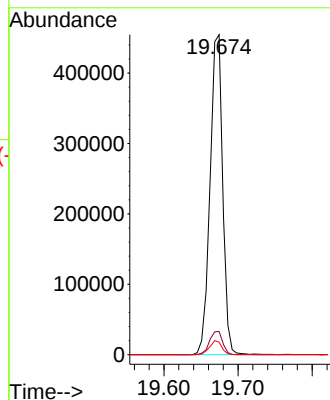
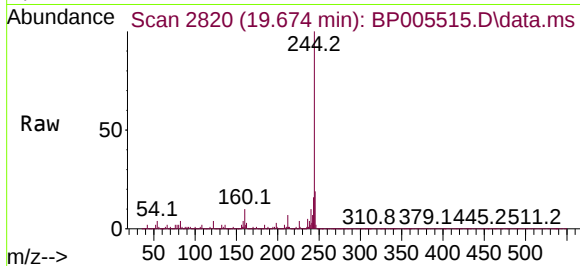




#79
Terphenyl-d14
Concen: 91.16 ng
RT: 19.674 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

Instrument :
BNA_P
ClientSampleId :
SVOC-FIELD-BLANK

Tgt Ion:244 Resp: 538117
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 3.9 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.000 min
Lab File: BP005515.D
Acq: 12 May 2021 21:22

Tgt Ion:264 Resp: 113243
Ion Ratio Lower Upper
264 100
260 21.9 20.6 30.8
265 21.8 19.0 28.6

