

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051721\
 Data File : BP005585.D
 Acq On : 17 May 2021 17:40
 Operator : CG/JU
 Sample : M2413-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 124055

Quant Time: May 17 18:34:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 17 15:35:47 2021
 Response via : Initial Calibration

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

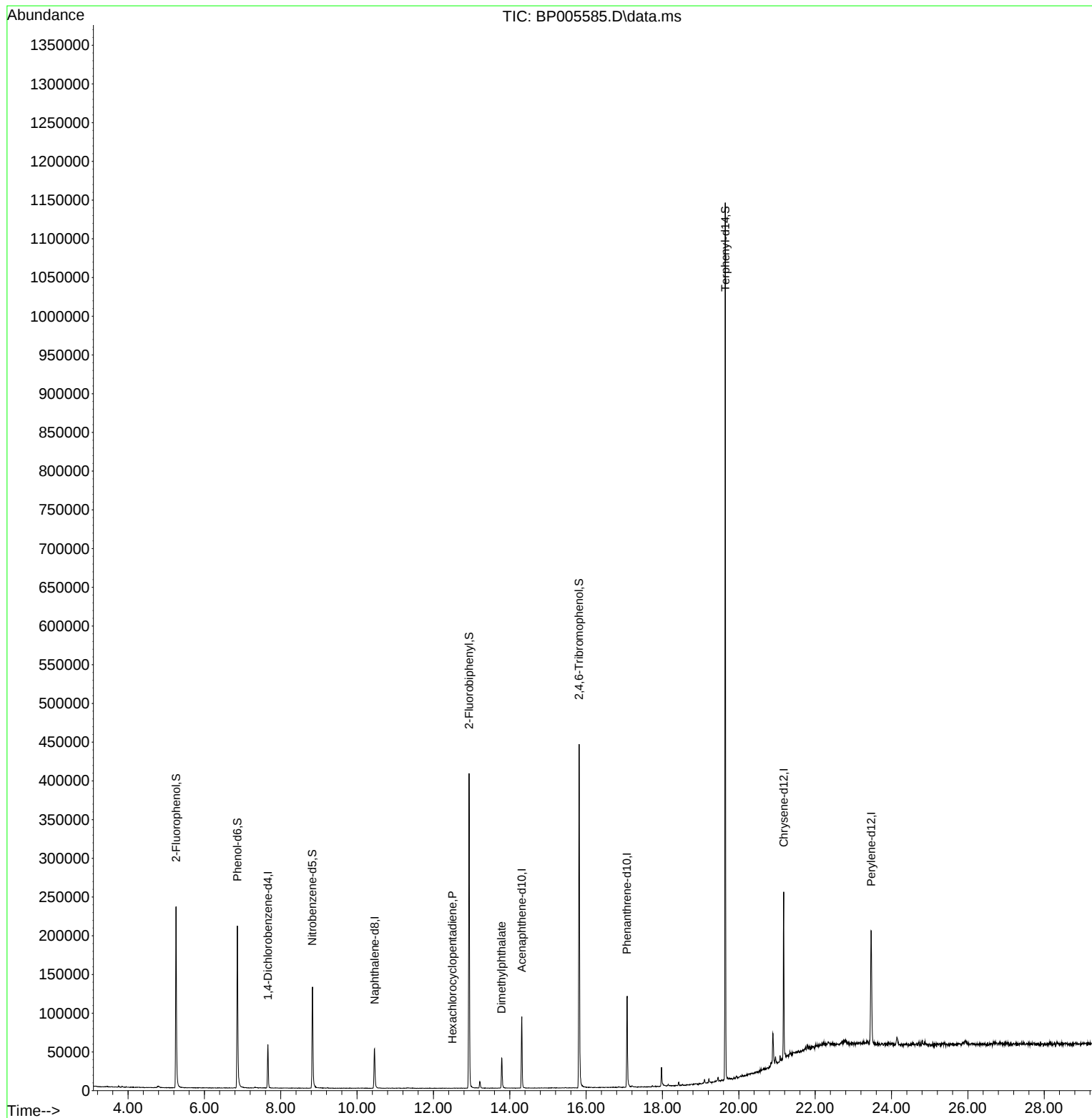
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	11268	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	35368	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	28656	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	70881	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	100747	20.00	ng	# 0.00
86) Perylene-d12	23.468	264	114018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	74203	126.38	ng	0.00
7) Phenol-d6	6.863	99	81721	111.62	ng	0.00
23) Nitrobenzene-d5	8.828	82	70904	78.91	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	84095	103.41	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	173235	68.19	ng	0.00
79) Terphenyl-d14	19.645	244	413508	69.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.122	88	13	Below Cal	#	1
9) Benzaldehyde	6.869	77	506	Below Cal	#	1
41) Hexachlorocyclopentadiene	12.498	237	6	7.88	ng	86
50) Dimethylphthalate	13.787	163	26513	10.72	ng	# 96

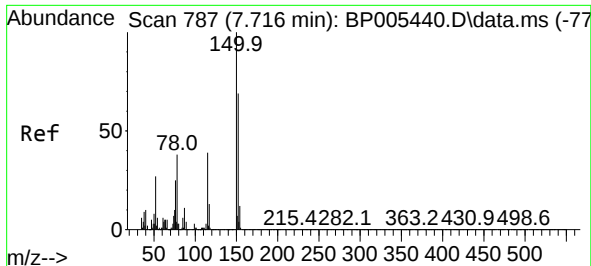
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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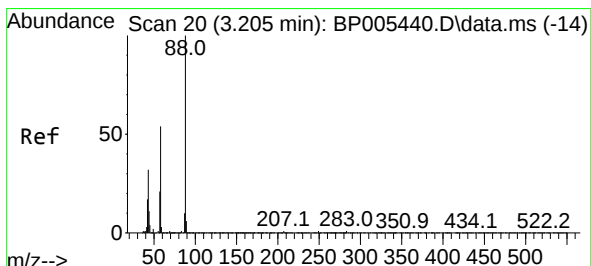
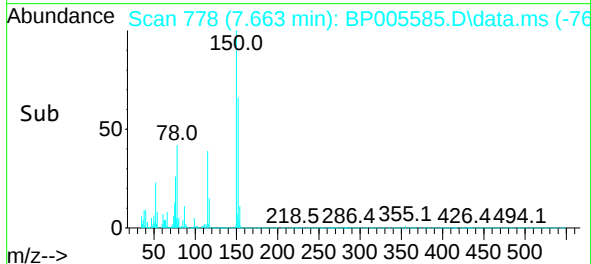
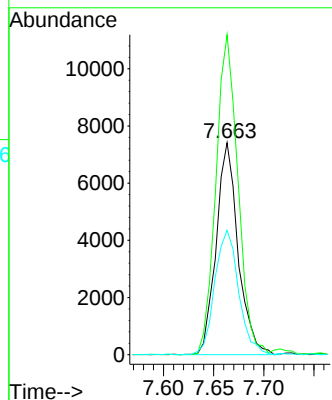
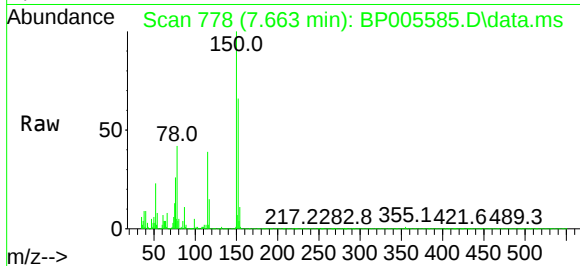




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

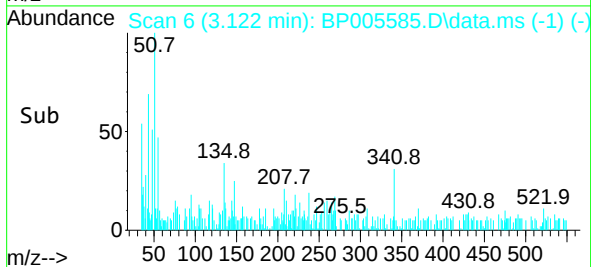
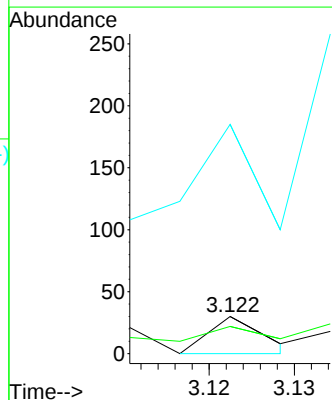
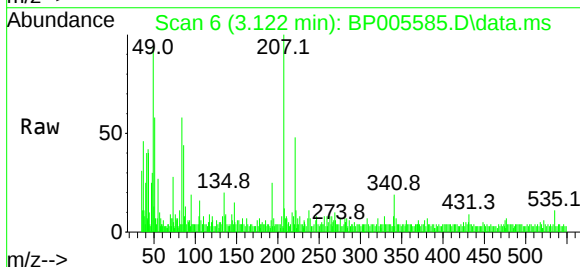
Instrument :
BNA_P
ClientSampleId :
124055

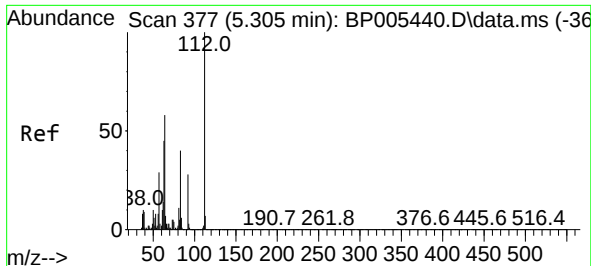
Tgt Ion:152 Resp: 11268
Ion Ratio Lower Upper
152 100
150 150.9 119.8 179.8
115 58.6 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.122 min Scan# 6
Delta R.T. -0.024 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

Tgt Ion: 88 Resp: 13
Ion Ratio Lower Upper
88 100
58 84.6 42.5 63.7#
43 630.8 19.8 29.8#

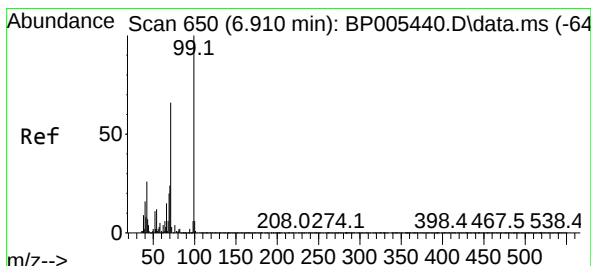
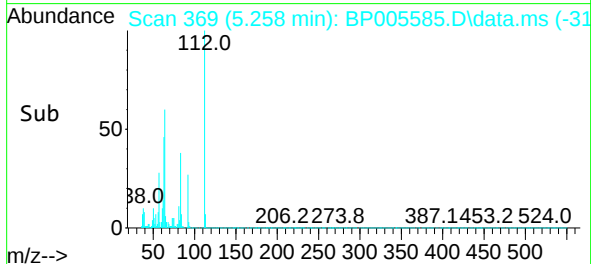
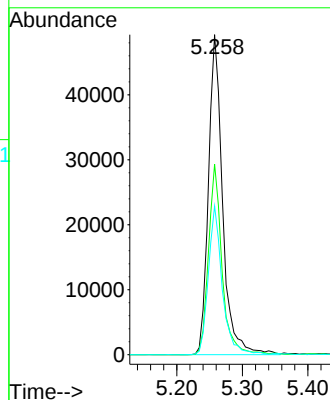
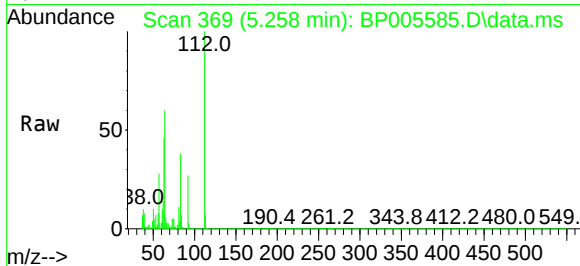




#5
2-Fluorophenol
Concen: 126.38 ng
RT: 5.258 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

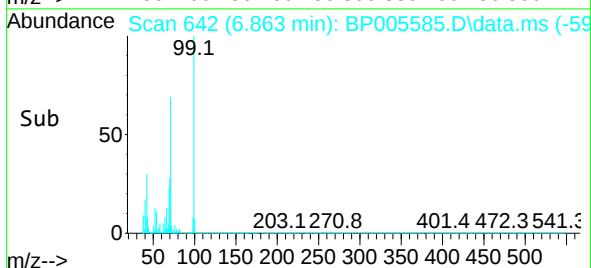
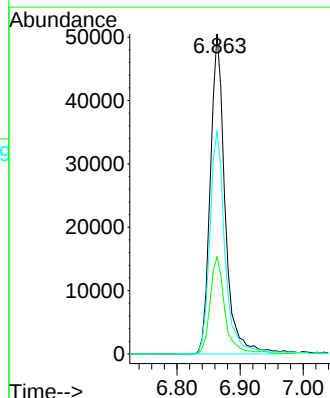
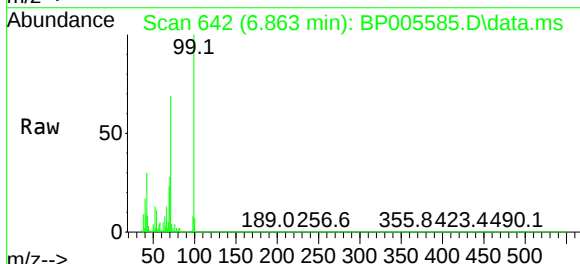
Instrument :
BNA_P
ClientSampleId :
124055

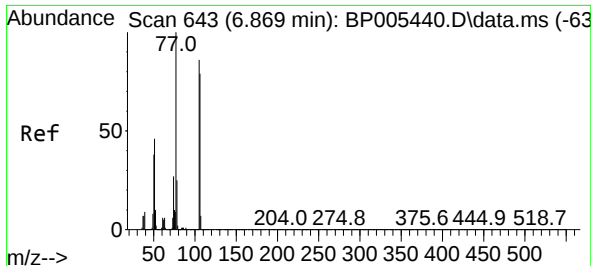
Tgt Ion:112 Resp: 74203
Ion Ratio Lower Upper
112 100
64 59.5 33.6 50.4#
63 46.4 18.6 27.8#



#7
Phenol-d6
Concen: 111.62 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

Tgt Ion: 99 Resp: 81721
Ion Ratio Lower Upper
99 100
42 30.4 12.9 19.3#
71 69.5 26.7 40.1#

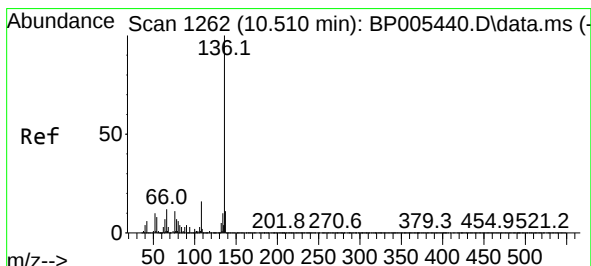
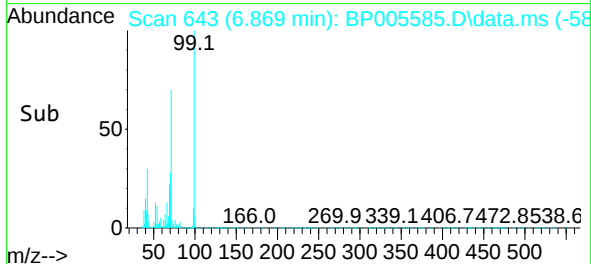
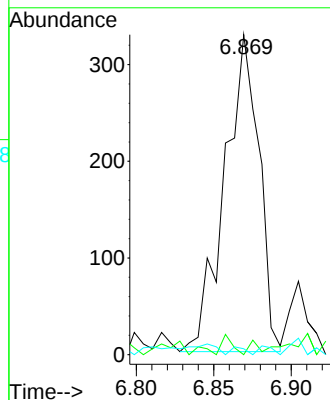
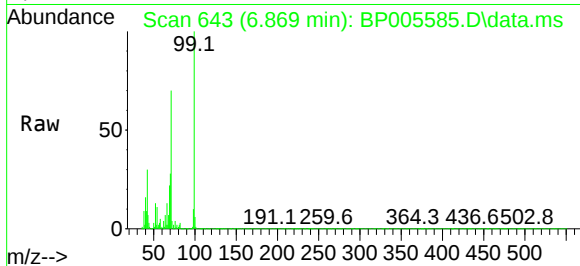




#9
Benzaldehyde
Concen: Below Cal
RT: 6.869 min Scan# 643
Delta R.T. 0.053 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

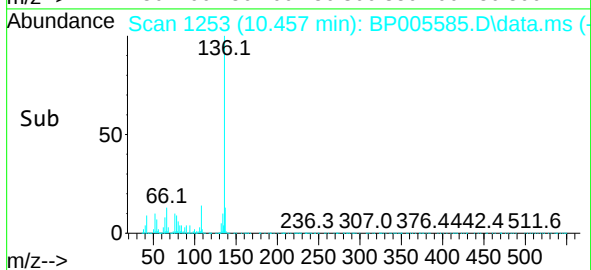
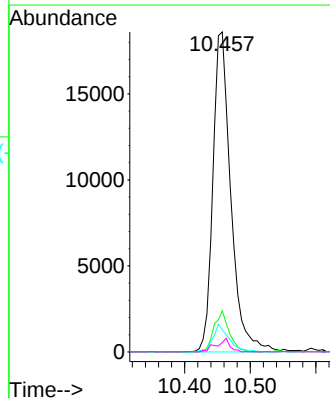
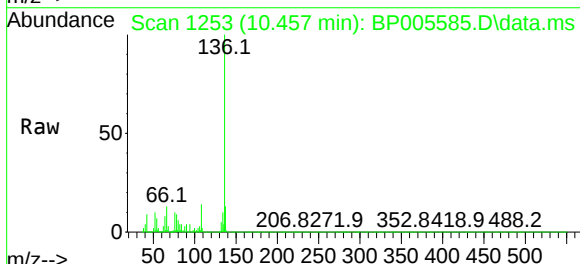
Instrument :
BNA_P
ClientSampleId :
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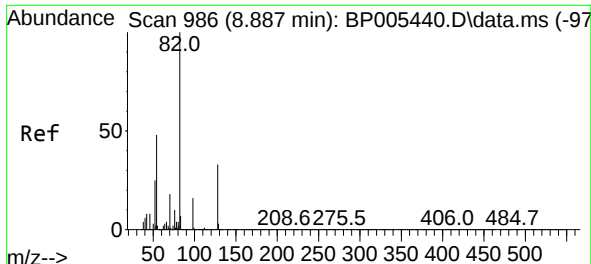
Tgt Ion: 77 Resp: 506
Ion Ratio Lower Upper
77 100
105 0.0 89.4 129.4#
106 1.8 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.457 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

Tgt Ion:136 Resp: 35368
Ion Ratio Lower Upper
136 100
137 12.9 8.9 13.3
54 6.9 5.0 7.4
68 3.0 3.7 5.5#

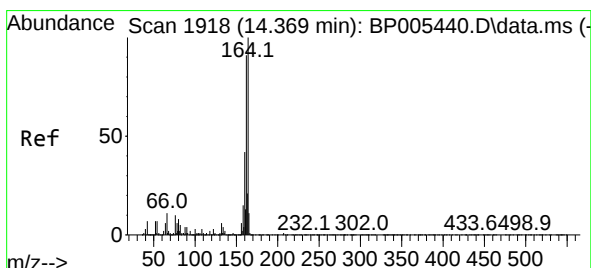
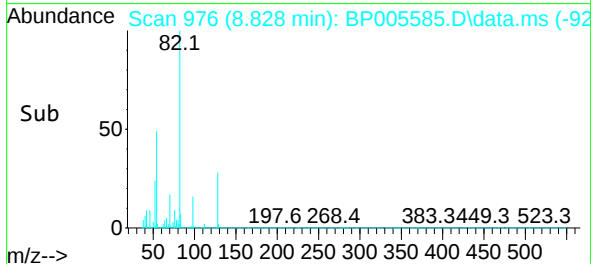
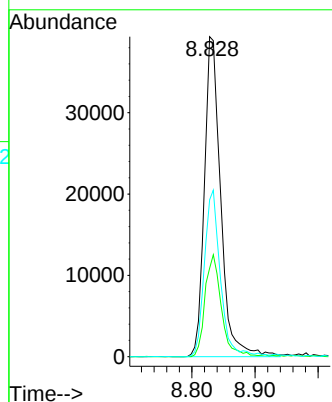
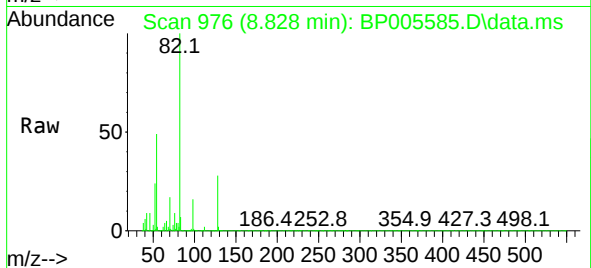




#23
Nitrobenzene-d5
Concen: 78.91 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

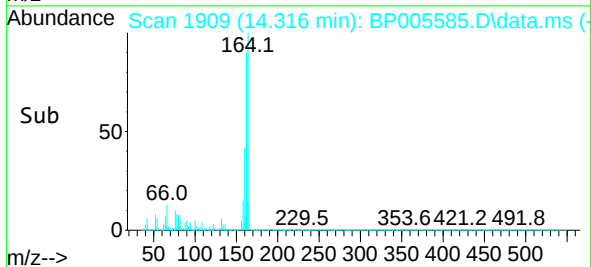
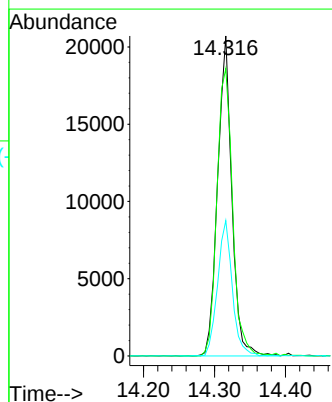
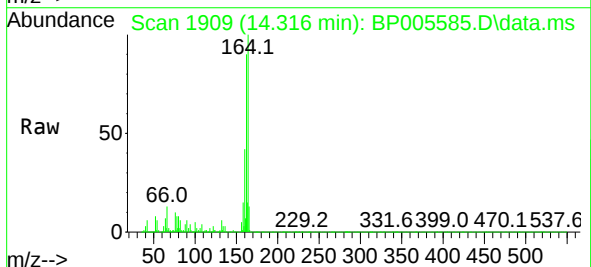
Instrument :
BNA_P
ClientSampleId :
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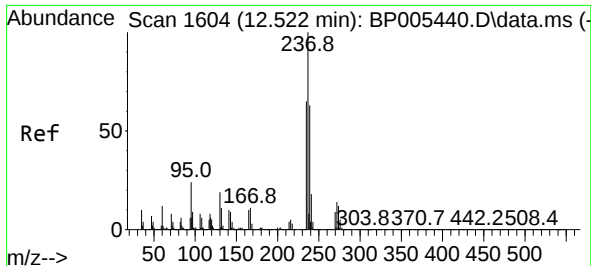
Tgt Ion: 82 Resp: 70904
Ion Ratio Lower Upper
82 100
128 27.6 30.5 45.7#
54 49.1 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.316 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

Tgt Ion: 164 Resp: 28656
Ion Ratio Lower Upper
164 100
162 89.8 73.5 110.3
160 42.3 40.6 61.0

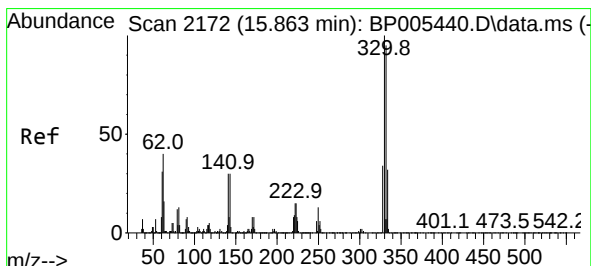
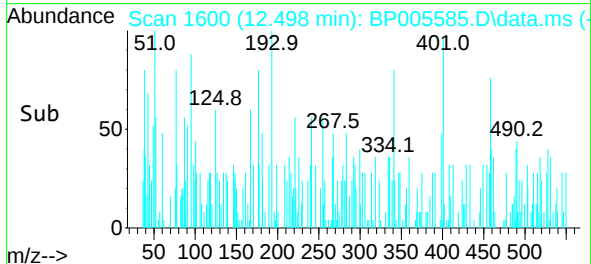
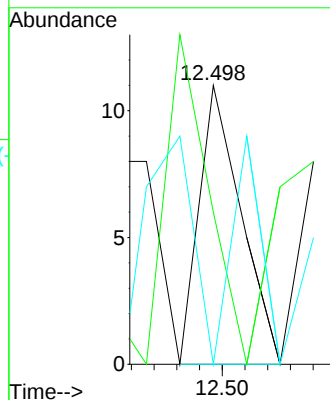
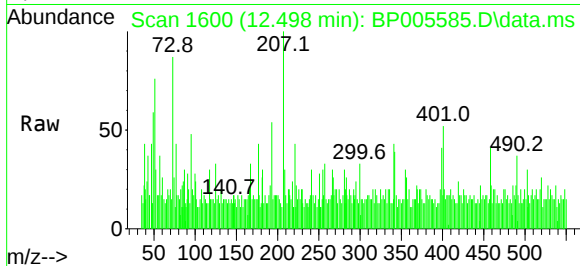




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.498 min Scan# 1600
Delta R.T. 0.035 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

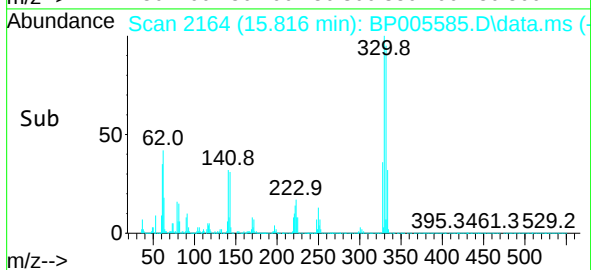
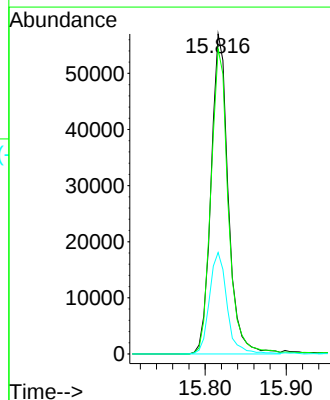
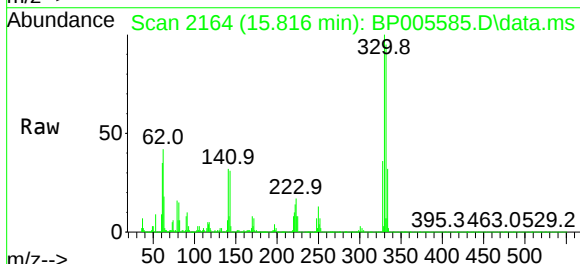
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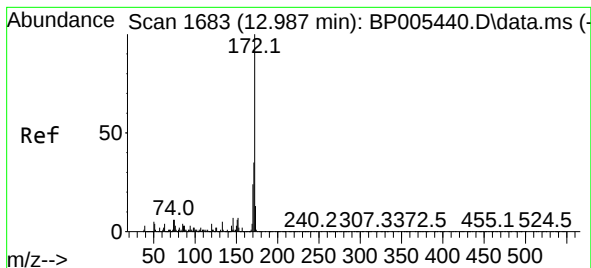
Tgt Ion:237	Resp:	6
Ion Ratio	Lower	Upper
237	100	
235	54.5	40.9 80.9
272	0.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 103.41 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

Tgt Ion:330	Resp:	84095
Ion Ratio	Lower	Upper
330	100	
332	96.6	76.3 114.5
141	32.3	22.8 34.2

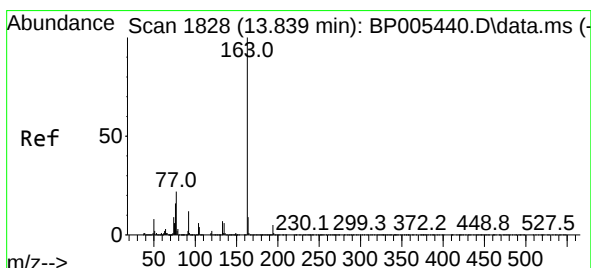
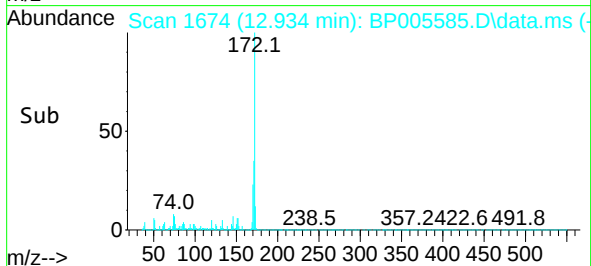
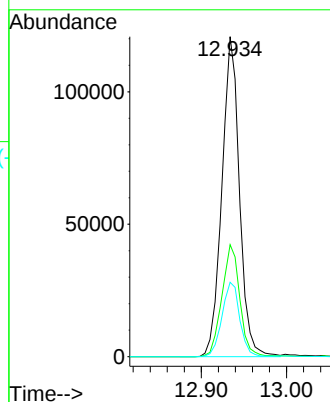
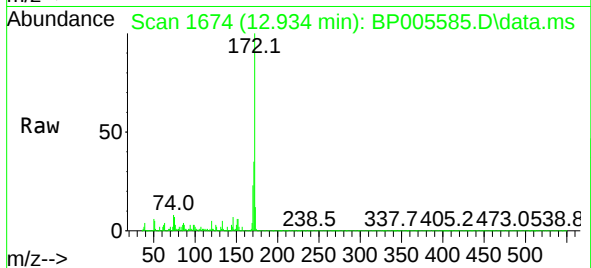




#45
2-Fluorobiphenyl
Concen: 68.19 ng
RT: 12.934 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

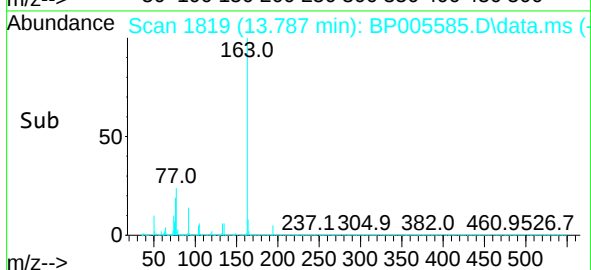
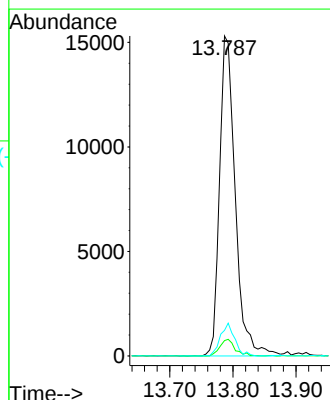
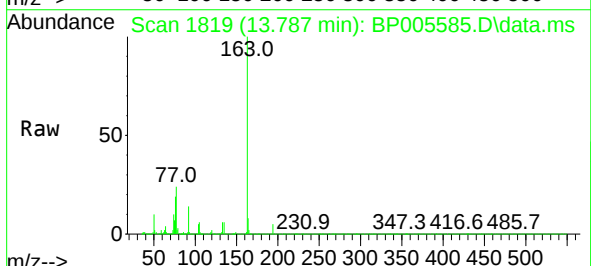
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124055

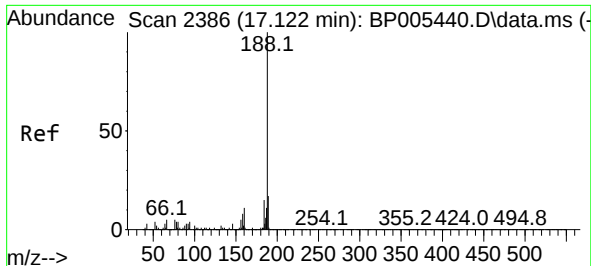
Tgt Ion:172 Resp: 173235
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.3 19.6 29.4



#50
Dimethylphthalate
Concen: 10.72 ng
RT: 13.787 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

Tgt Ion:163 Resp: 26513
Ion Ratio Lower Upper
163 100
194 4.8 3.9 5.9
164 8.0 8.1 12.1#

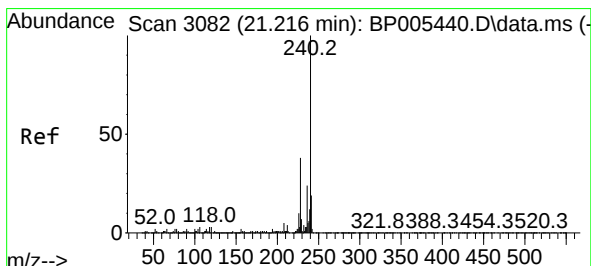
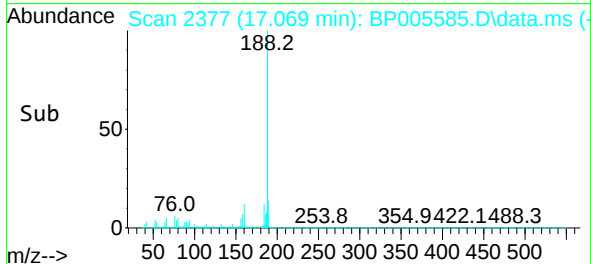
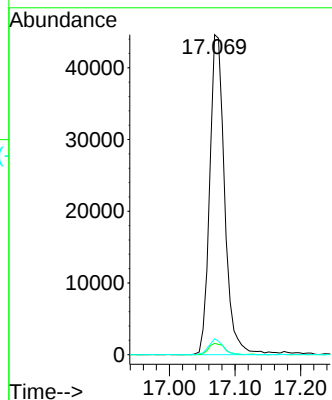
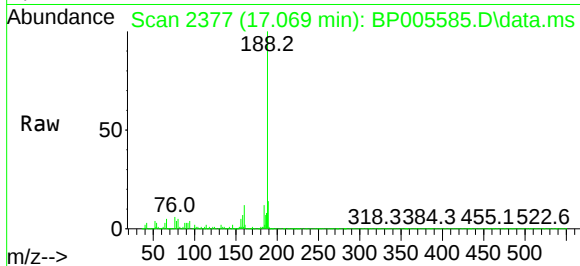




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

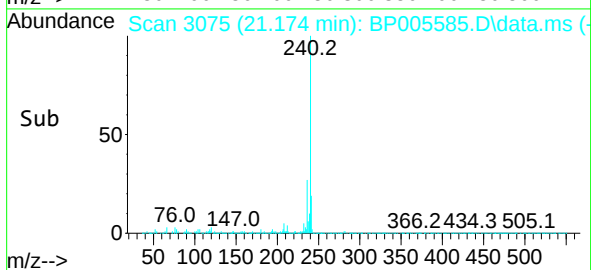
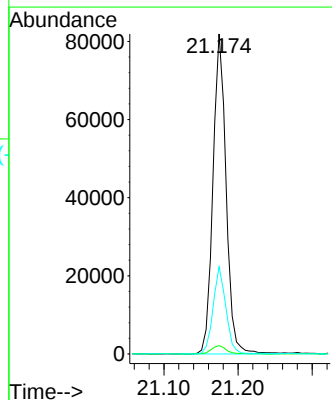
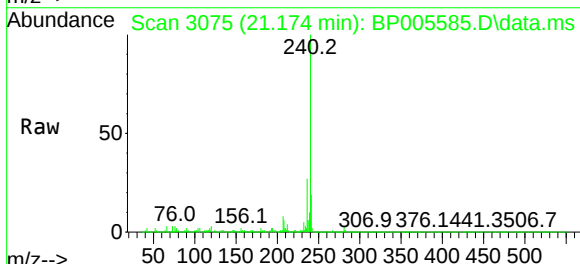
Instrument :
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124055

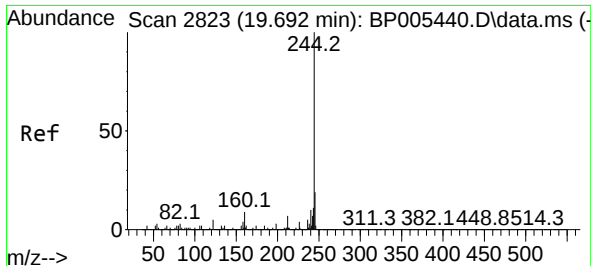
Tgt Ion:188 Resp: 70881
Ion Ratio Lower Upper
188 100
94 3.6 5.0 7.6#
80 5.0 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

Tgt Ion:240 Resp: 100747
Ion Ratio Lower Upper
240 100
120 2.6 4.2 6.2#
236 27.2 20.2 30.2

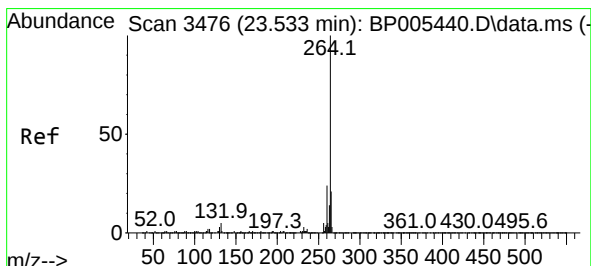
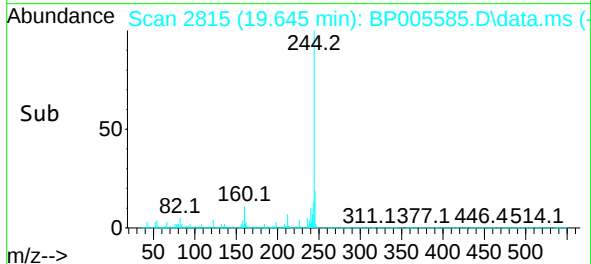
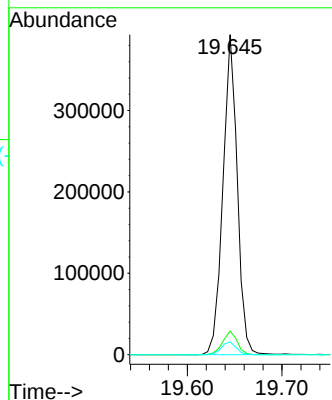
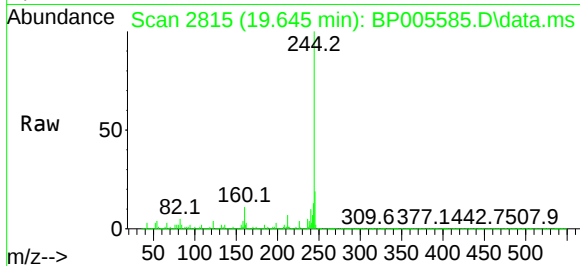




#79
Terphenyl-d14
Concen: 69.70 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

Instrument :
BNA_P
ClientSampled :
124055

Tgt Ion:244 Resp: 413508
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 4.0 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.468 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP005585.D
Acq: 17 May 2021 17:40

Tgt Ion:264 Resp: 114018
Ion Ratio Lower Upper
264 100
260 25.1 20.6 30.8
265 22.0 19.0 28.6

