

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051721\
 Data File : BP005584.D
 Acq On : 17 May 2021 17:06
 Operator : CG/JU
 Sample : M2409-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-06

Quant Time: May 17 18:12:26 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)

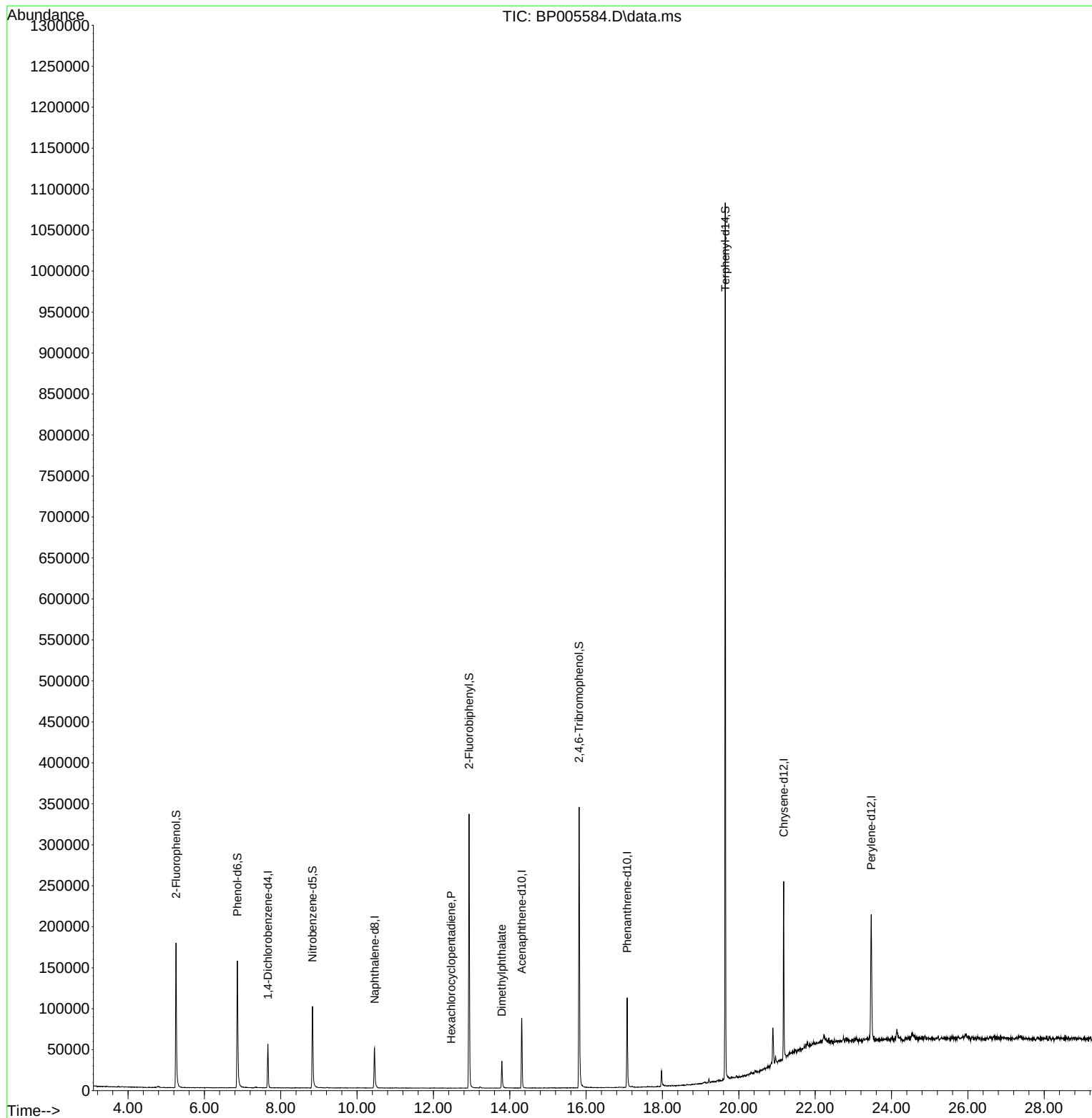
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	9869	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	33169	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	26749	20.00	ng	0.00
64) Phenanthrene-d10	17.075	188	65638	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	99211	20.00	ng	# 0.00
86) Perylene-d12	23.468	264	113321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	56886	110.62	ng	0.00
7) Phenol-d6	6.863	99	65359	101.93	ng	0.00
23) Nitrobenzene-d5	8.834	82	55209	65.51	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	68230	89.89	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	148404	62.58	ng	0.00
79) Terphenyl-d14	19.645	244	398075	68.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.146	88	16	Below Cal	#	1
9) Benzaldehyde	6.869	77	338	Below Cal	#	5
41) Hexachlorocyclopentadiene	12.463	237	10	7.89	ng	75
50) Dimethylphthalate	13.793	163	21551	9.33	ng	97

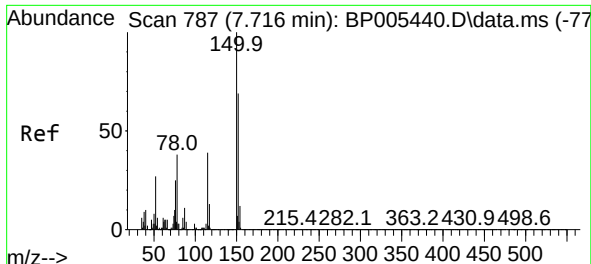
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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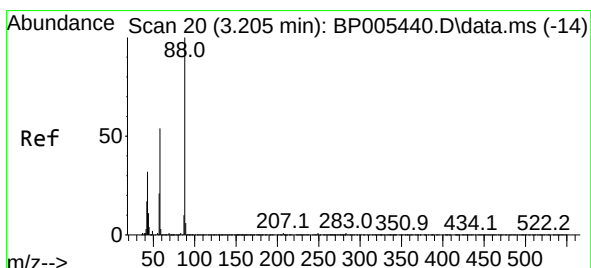
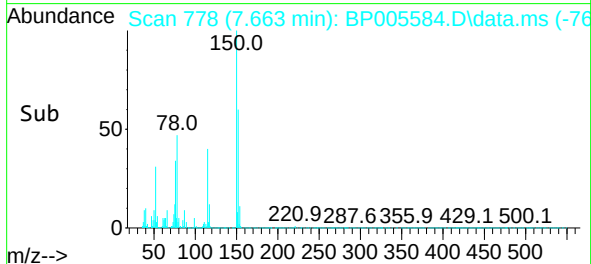
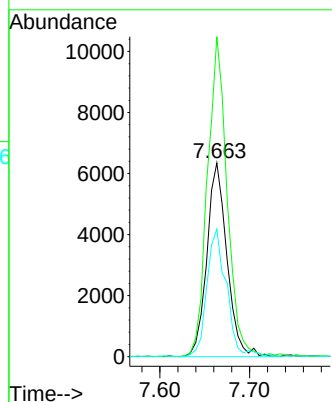
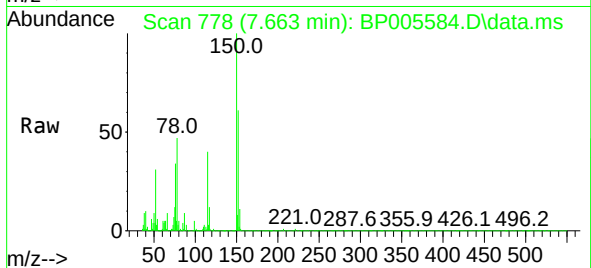




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

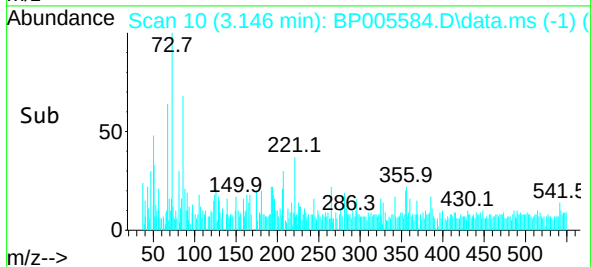
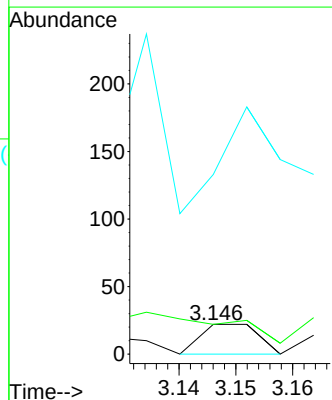
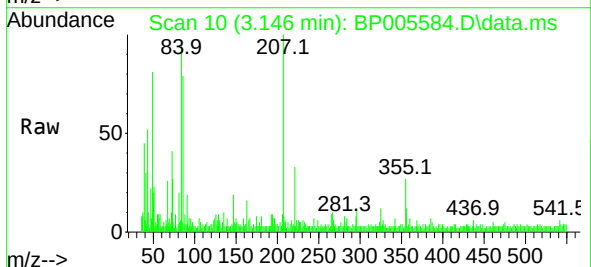
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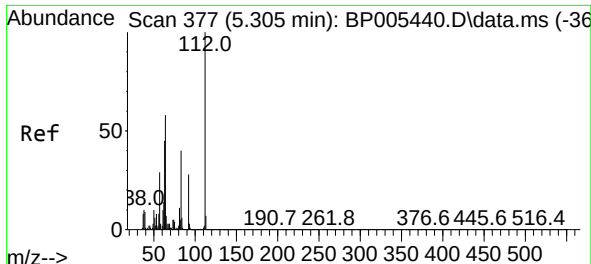
Tgt Ion:152 Resp: 9869
Ion Ratio Lower Upper
152 100
150 165.2 119.8 179.8
115 65.9 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.146 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

Tgt Ion: 88 Resp: 16
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 168.8 19.8 29.8#

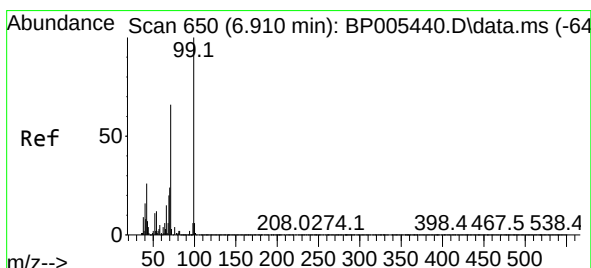
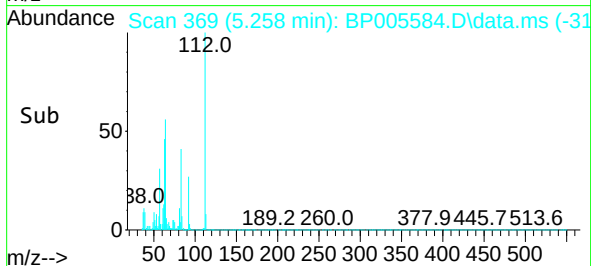
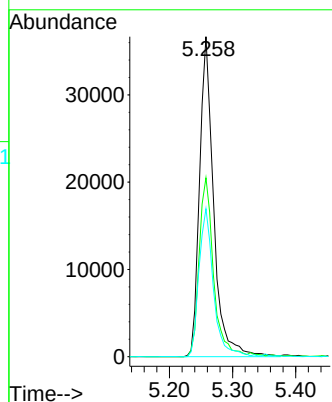
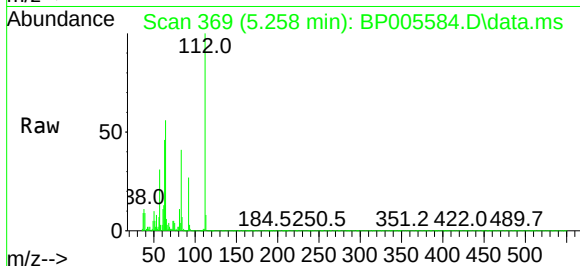




#5
2-Fluorophenol
Concen: 110.62 ng
RT: 5.258 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

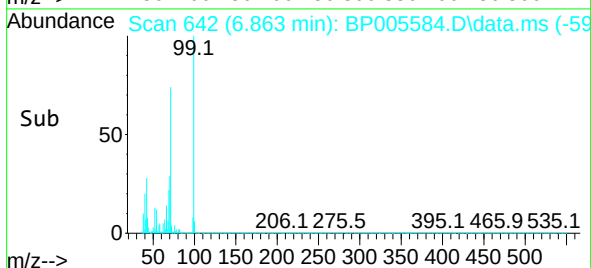
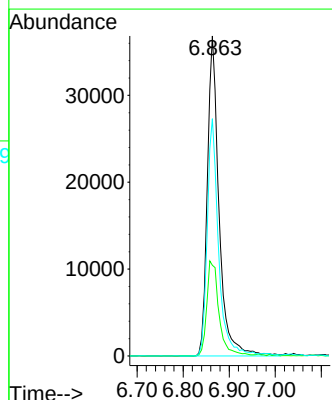
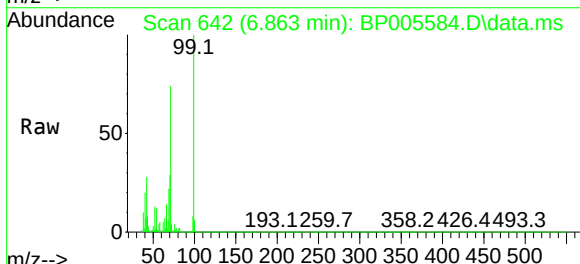
Instrument :
BNA_P
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

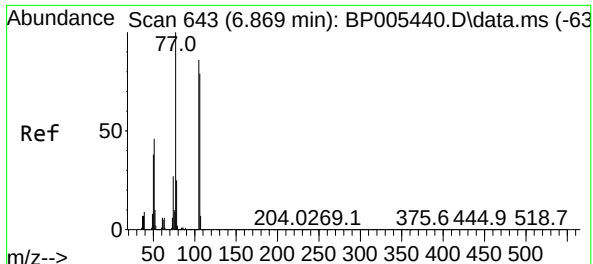
Tgt Ion:112 Resp: 56886
Ion Ratio Lower Upper
112 100
64 55.9 33.6 50.4#
63 46.2 18.6 27.8#



#7
Phenol-d6
Concen: 101.93 ng
RT: 6.863 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

Tgt Ion: 99 Resp: 65359
Ion Ratio Lower Upper
99 100
42 28.4 12.9 19.3#
71 74.1 26.7 40.1#

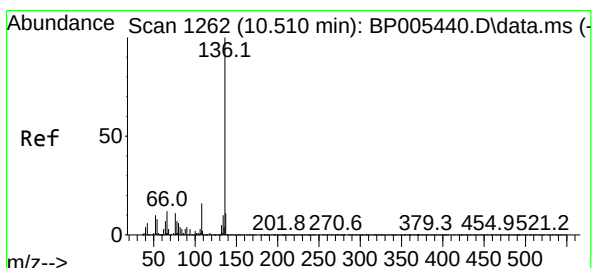
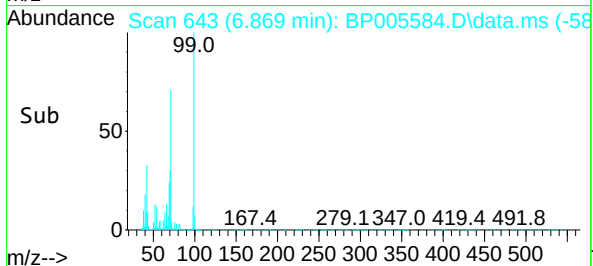
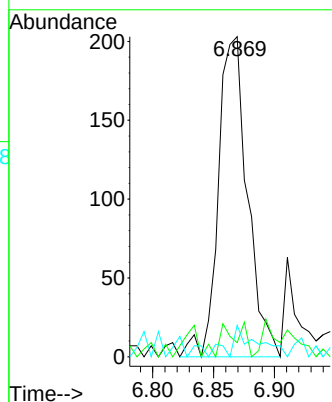
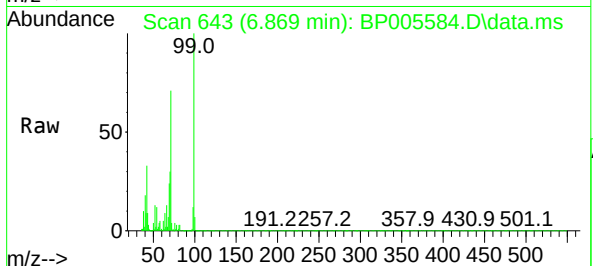




#9
Benzaldehyde
Concen: Below Cal
RT: 6.869 min Scan# 643
Delta R.T. 0.053 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

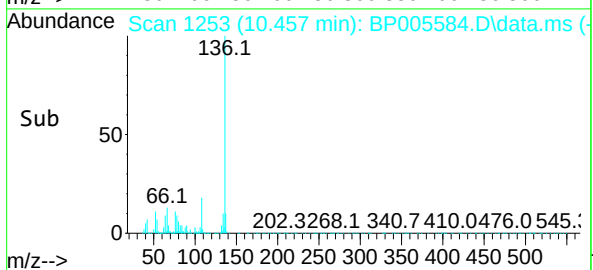
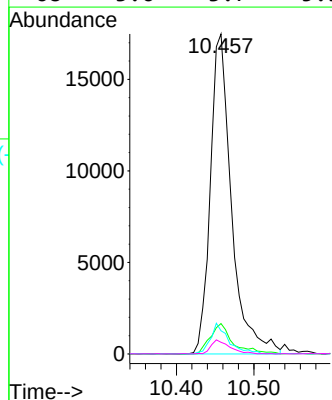
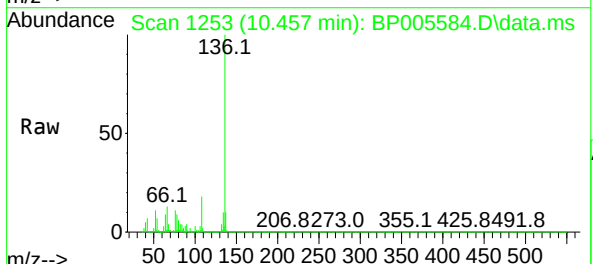
Instrument :
BNA_P
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

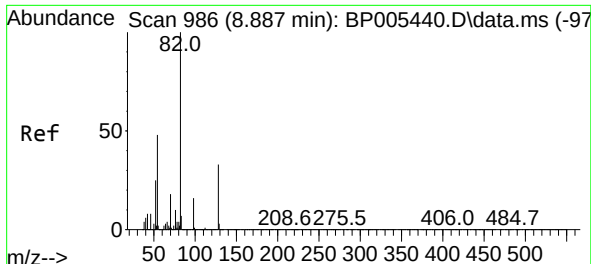
Tgt Ion: 77 Resp: 338
Ion Ratio Lower Upper
77 100
105 4.4 89.4 129.4#
106 9.9 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.457 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

Tgt Ion:136 Resp: 33169
Ion Ratio Lower Upper
136 100
137 9.5 8.9 13.3
54 7.2 5.0 7.4
68 3.6 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 65.51 ng

RT: 8.834 min Scan# 977

Delta R.T. 0.000 min

Lab File: BP005584.D

Acq: 17 May 2021 17:06

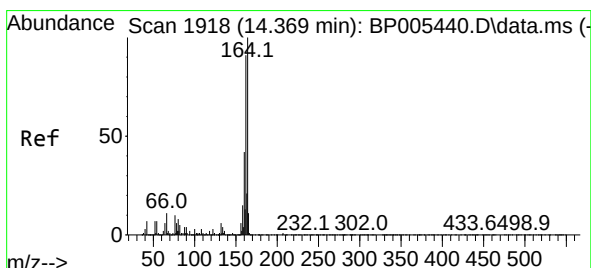
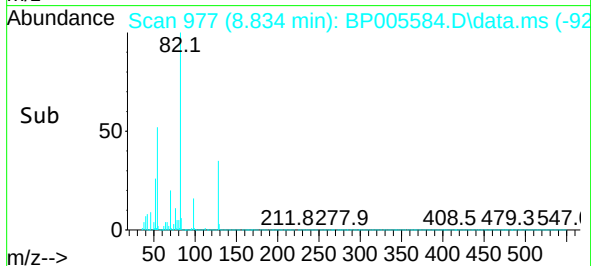
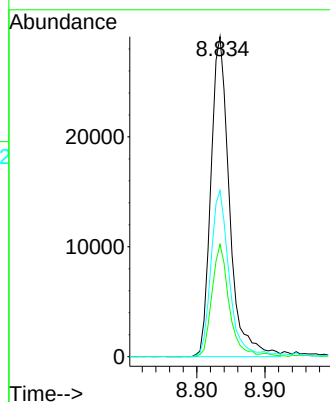
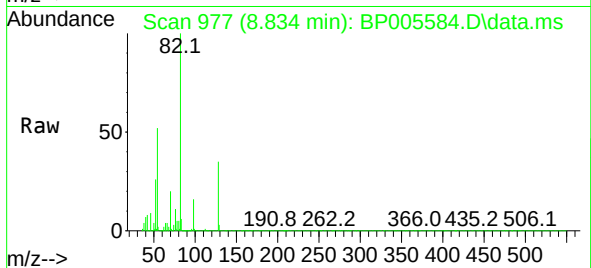
Instrument :

BNA_P

ClientSampleId :

BACKFILL-ASHCROFT-REAR-06

Tgt Ion: 82	Resp: 55209
Ion Ratio	Lower Upper
82 100	
128 35.1	30.5 45.7
54 51.9	33.9 50.9#



#39

Acenaphthene-d10

Concen: 20.00 ng

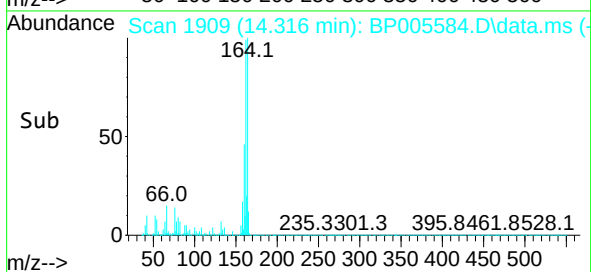
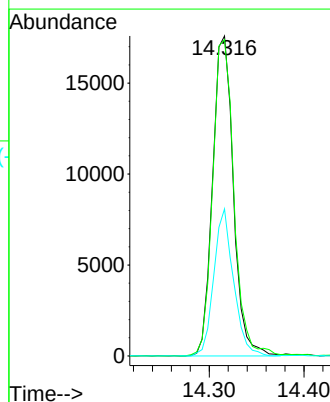
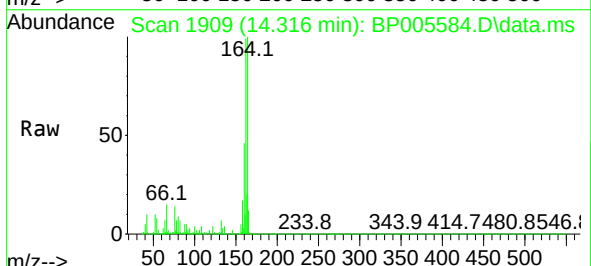
RT: 14.316 min Scan# 1909

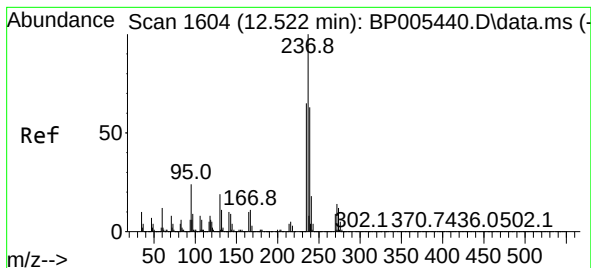
Delta R.T. 0.000 min

Lab File: BP005584.D

Acq: 17 May 2021 17:06

Tgt Ion: 164	Resp: 26749
Ion Ratio	Lower Upper
164 100	
162 98.9	73.5 110.3
160 46.0	40.6 61.0



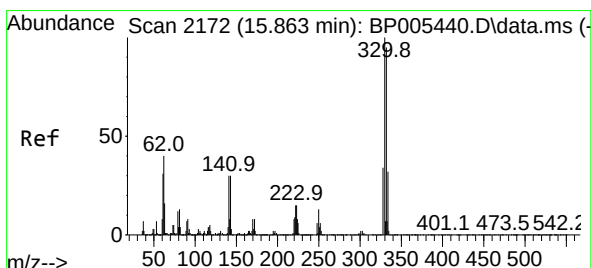
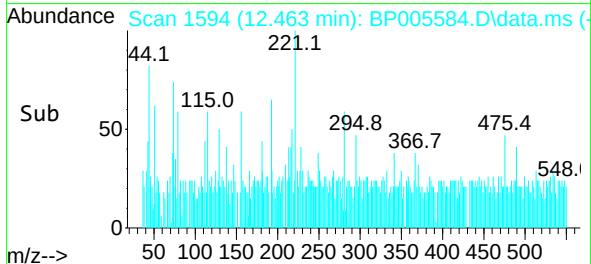
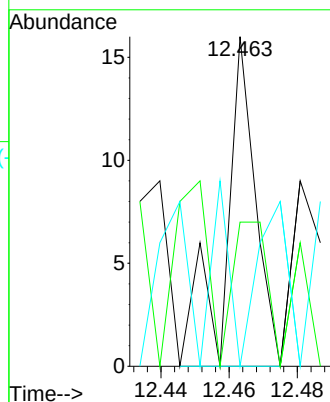
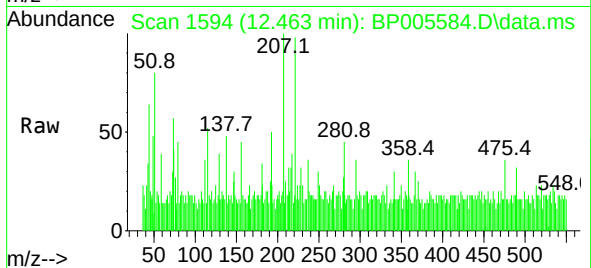


#41

Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

Instrument :
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ClientSampleId :
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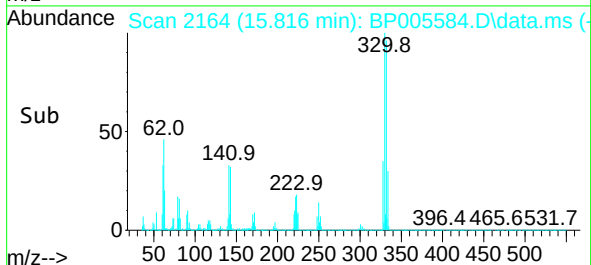
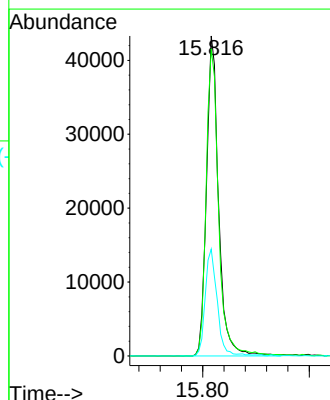
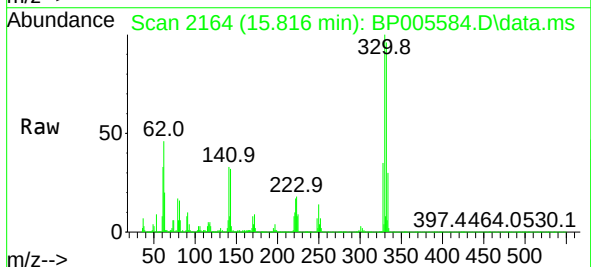
Tgt Ion:	237	Resp:	10
Ion Ratio	Lower	Upper	
237	100		
235	43.8	40.9	80.9
272	0.0	0.0	34.6

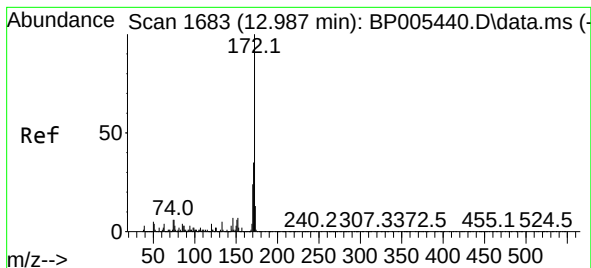


#42

2,4,6-Tribromophenol
Concen: 89.89 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

Tgt Ion:	330	Resp:	68230
Ion Ratio	Lower	Upper	
330	100		
332	98.5	76.3	114.5
141	32.8	22.8	34.2

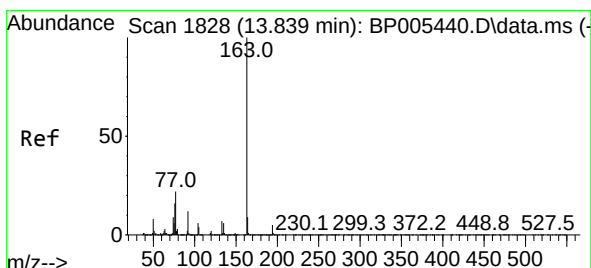
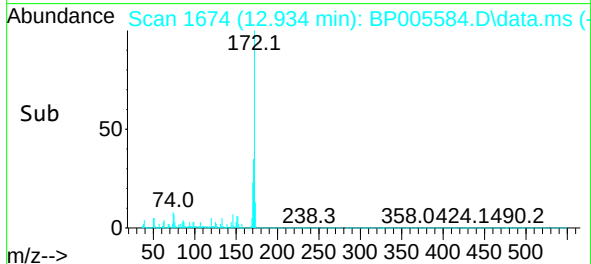
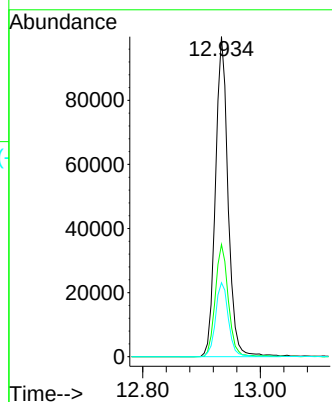
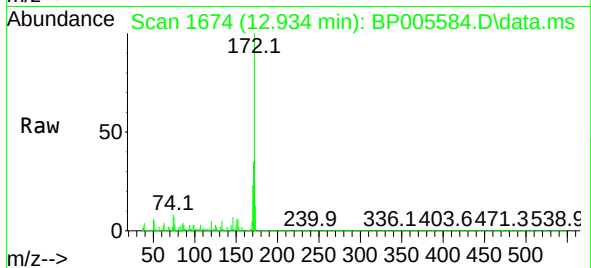




#45
2-Fluorobiphenyl
Concen: 62.58 ng
RT: 12.934 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

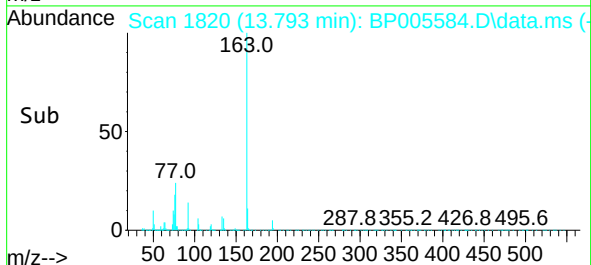
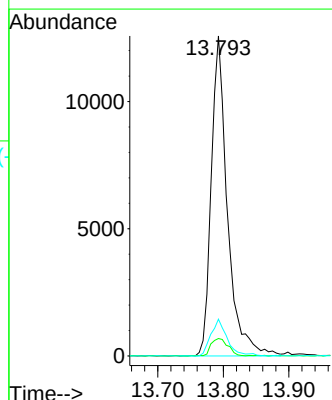
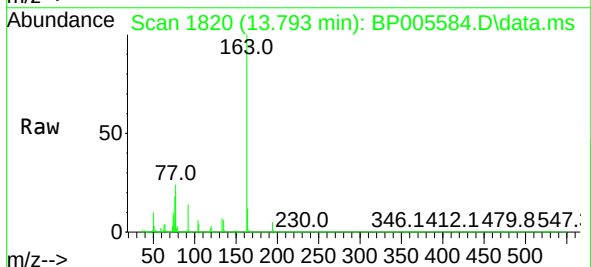
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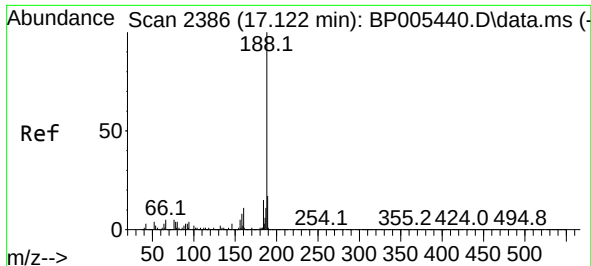
Tgt Ion:172 Resp: 148404
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.1 19.6 29.4



#50
Dimethylphthalate
Concen: 9.33 ng
RT: 13.793 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

Tgt Ion:163 Resp: 21551
Ion Ratio Lower Upper
163 100
194 5.4 3.9 5.9
164 11.5 8.1 12.1

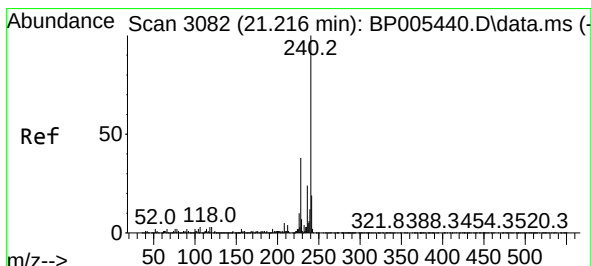
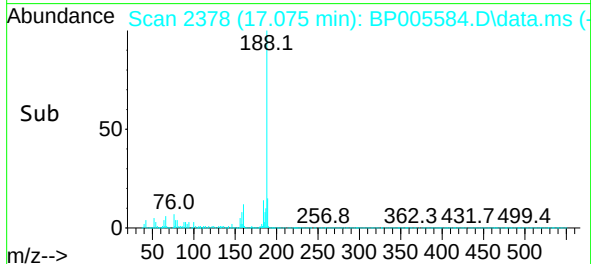
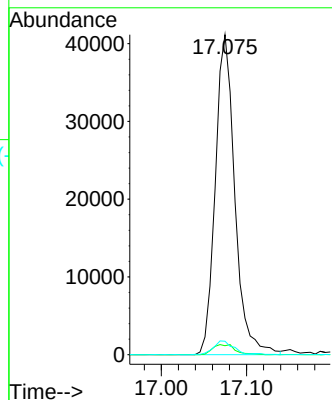
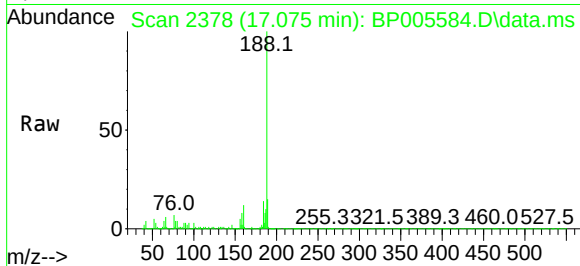




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

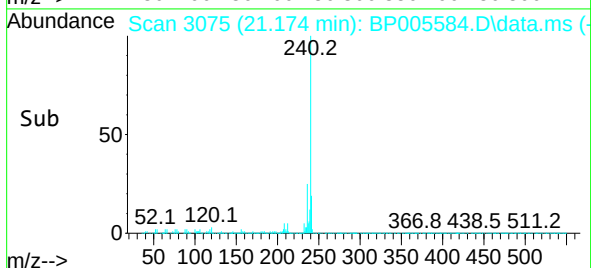
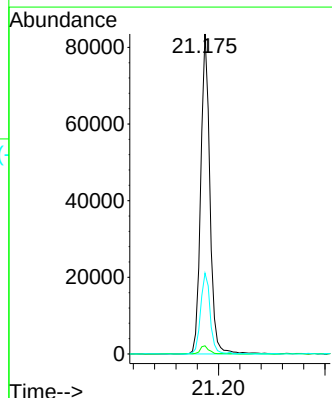
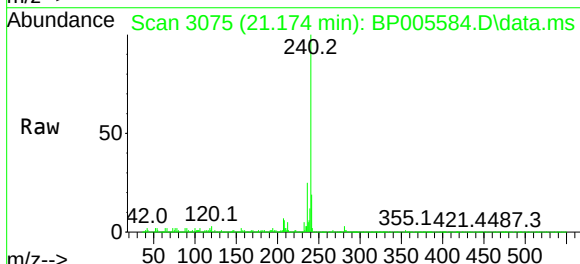
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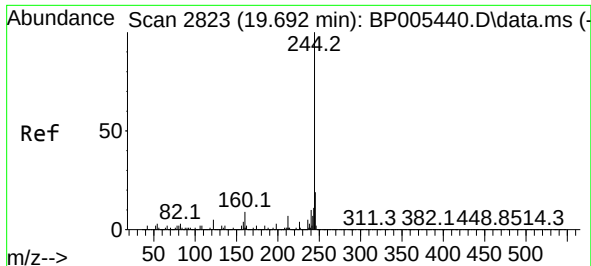
Tgt Ion:188 Resp: 65638
Ion Ratio Lower Upper
188 100
94 2.8 5.0 7.6#
80 4.2 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

Tgt Ion:240 Resp: 99211
Ion Ratio Lower Upper
240 100
120 2.6 4.2 6.2#
236 25.2 20.2 30.2

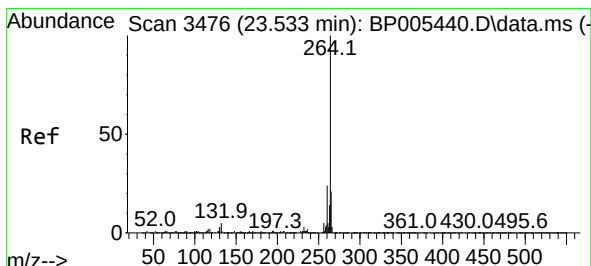
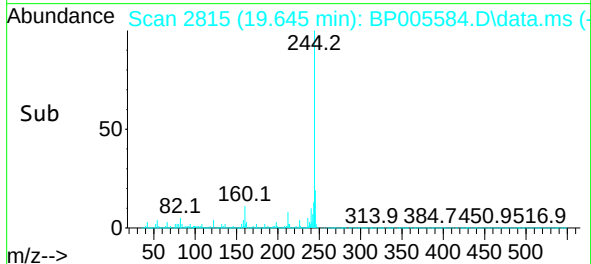
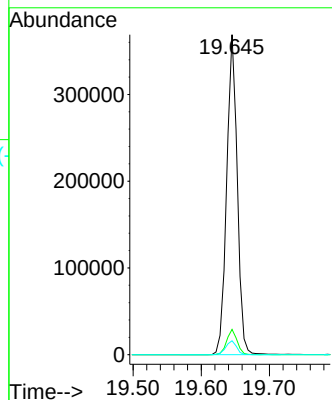
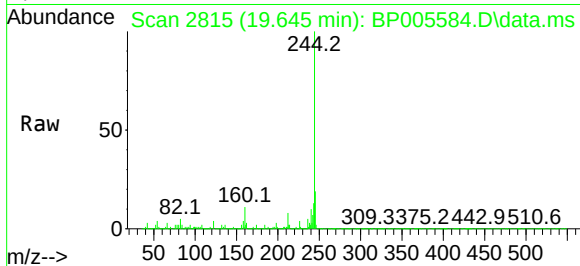




#79
Terphenyl-d14
Concen: 68.14 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005584.D
Acq: 17 May 2021 17:06

Instrument :
BNA_P
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

Tgt Ion:244 Resp: 398075
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 4.4 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: BP005584.D
Acq: 17 May 2021 17:06

Tgt Ion:264 Resp: 113321
Ion Ratio Lower Upper
264 100
260 23.0 20.6 30.8
265 23.7 19.0 28.6

