

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051721\
 Data File : BP005590.D
 Acq On : 17 May 2021 20:30
 Operator : CG/JU
 Sample : M2415-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 124042

Quant Time: May 18 00:54:36 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)

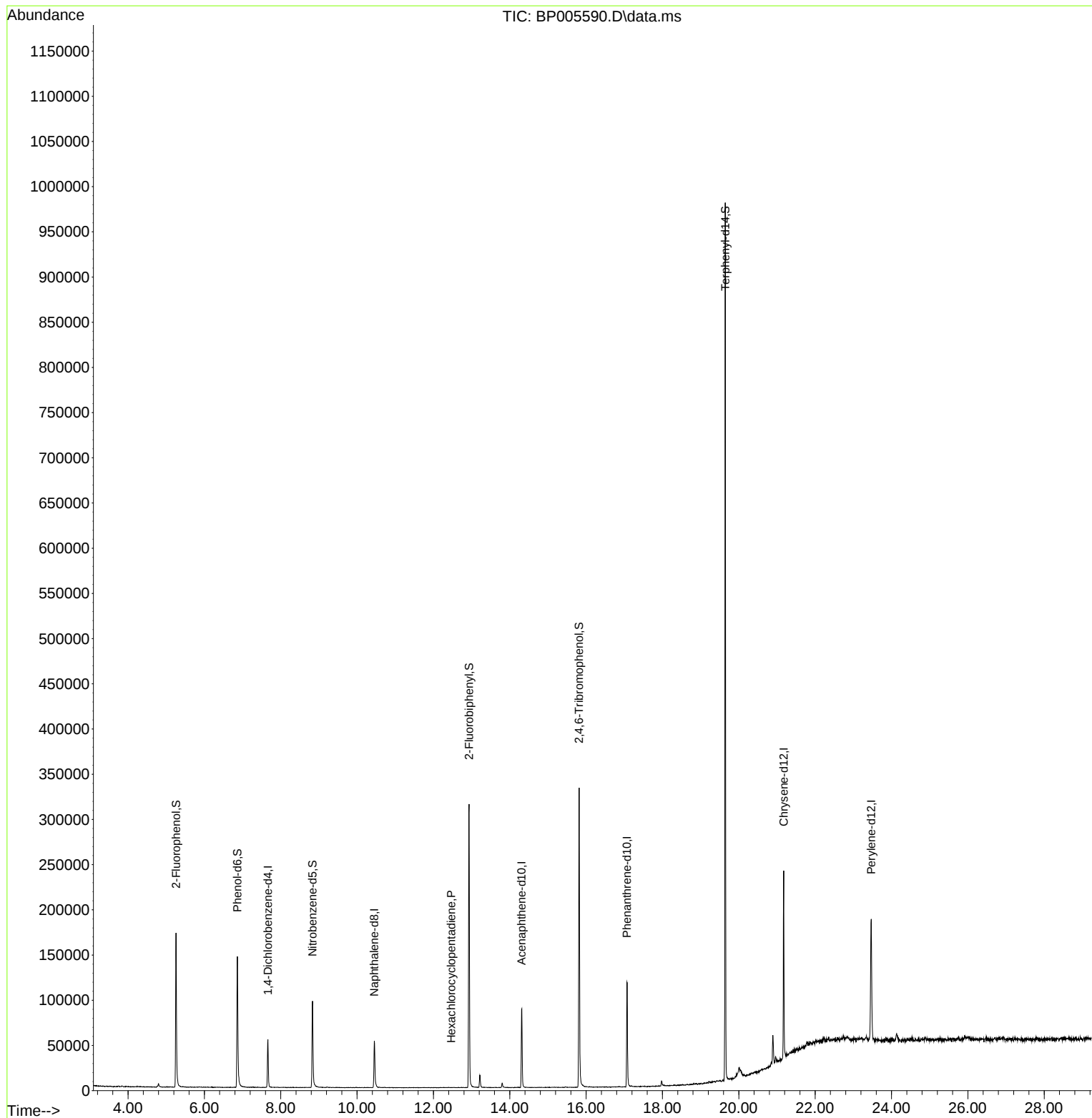
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	12021	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	35629	20.00	ng	0.00
39) Acenaphthene-d10	14.310	164	29339	20.00	ng	# 0.00
64) Phenanthrene-d10	17.069	188	73647	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	99521	20.00	ng	# 0.00
86) Perylene-d12	23.468	264	106460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	54784	87.46	ng	0.00
7) Phenol-d6	6.863	99	64726	82.87	ng	0.00
23) Nitrobenzene-d5	8.834	82	54025	59.68	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	64855	77.90	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	147491	56.71	ng	0.00
79) Terphenyl-d14	19.645	244	364265	62.16	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.140	88	17	Below Cal	#	33
9) Benzaldehyde	6.640	77	16	Below Cal		84
41) Hexachlorocyclopentadiene	12.469	237	8	7.88	ng	74

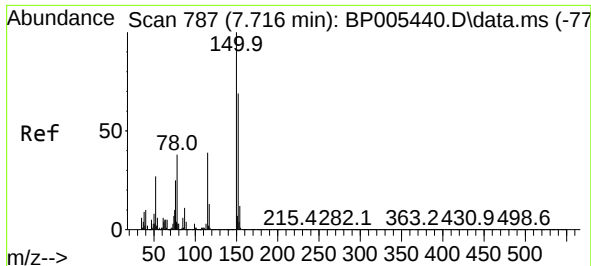
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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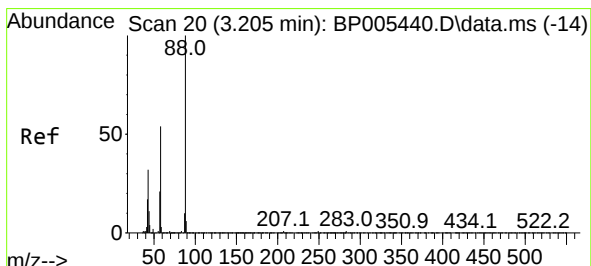
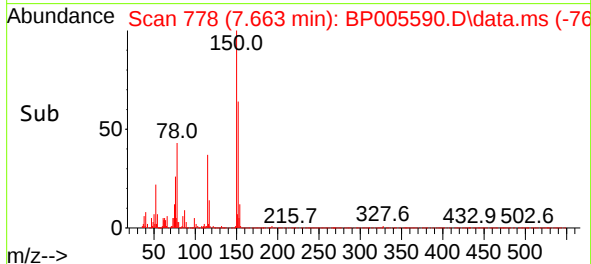
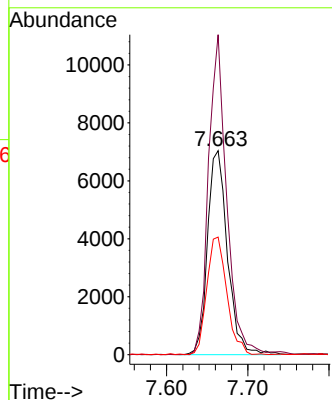
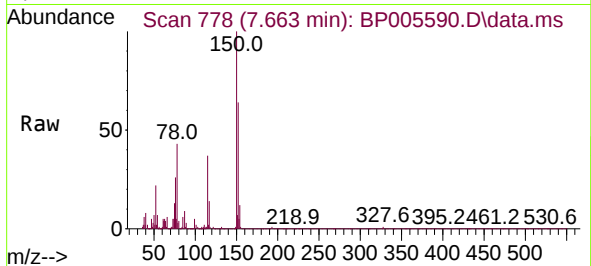




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

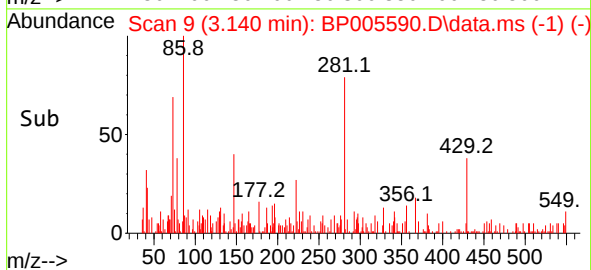
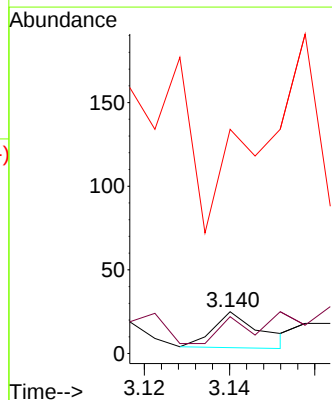
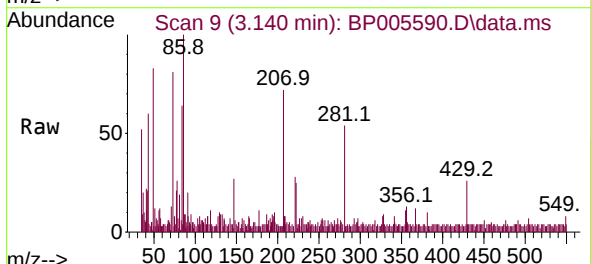
Instrument :
BNA_P
ClientSampleId :
124042

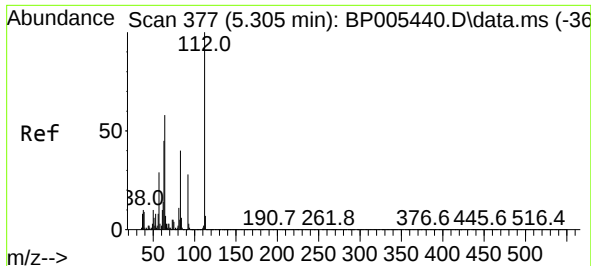
Tgt Ion:152 Resp: 12021
Ion Ratio Lower Upper
152 100
150 156.8 119.8 179.8
115 57.6 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.140 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

Tgt Ion: 88 Resp: 17
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 0.0 19.8 29.8#

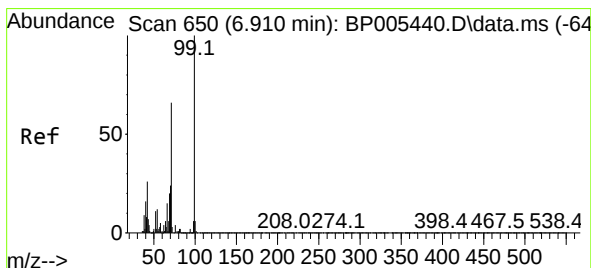
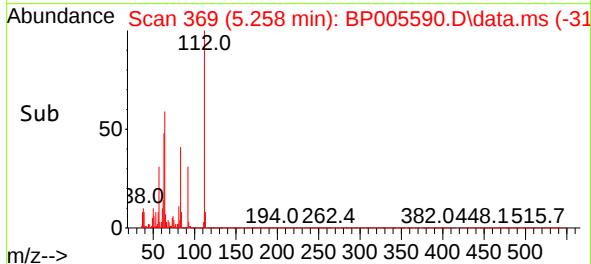
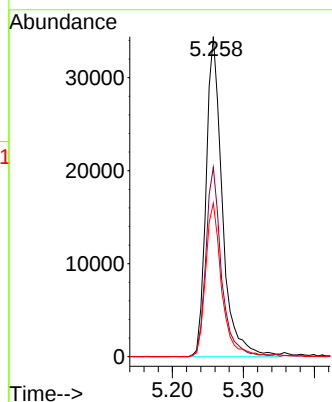
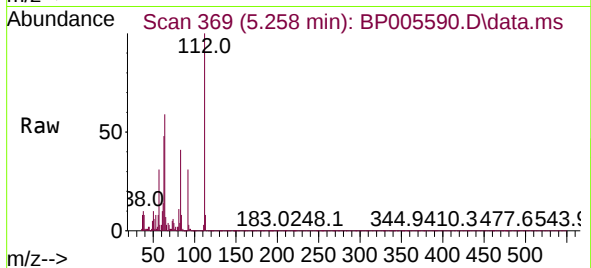




#5
2-Fluorophenol
Concen: 87.46 ng
RT: 5.258 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

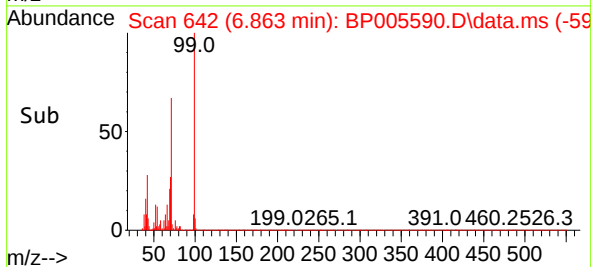
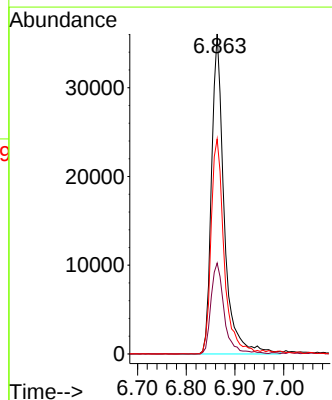
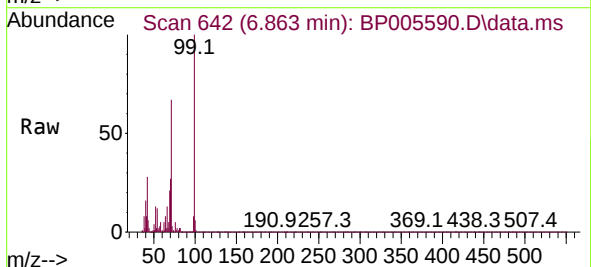
Instrument :
BNA_P
ClientSampleId :
124042

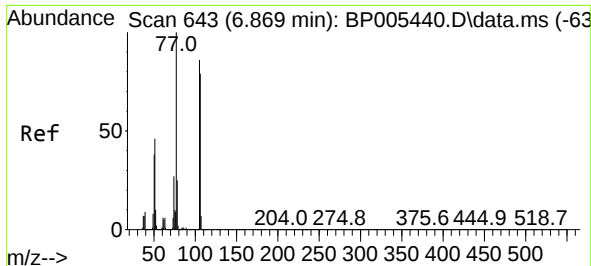
Tgt Ion:112 Resp: 54784
Ion Ratio Lower Upper
112 100
64 59.2 33.6 50.4#
63 48.0 18.6 27.8#



#7
Phenol-d6
Concen: 82.87 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

Tgt Ion: 99 Resp: 64726
Ion Ratio Lower Upper
99 100
42 28.4 12.9 19.3#
71 67.2 26.7 40.1#

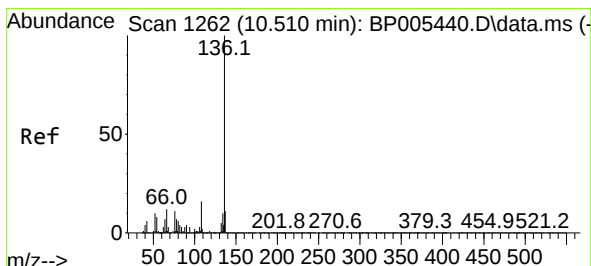
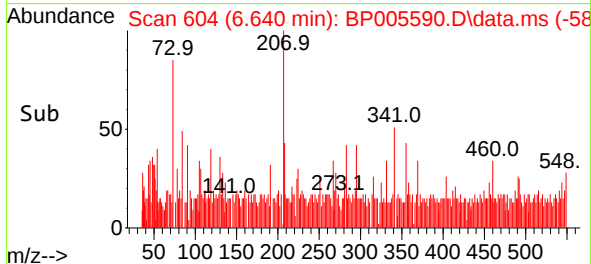
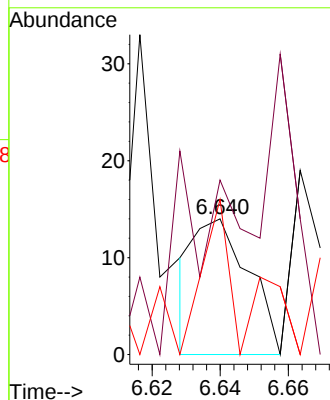
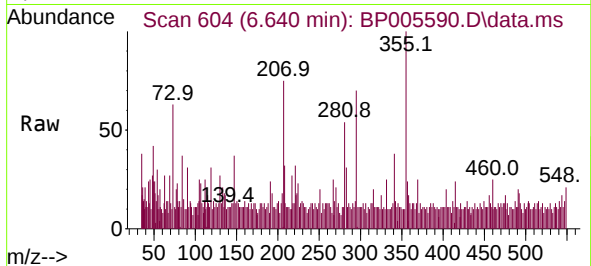




#9
Benzaldehyde
Concen: Below Cal
RT: 6.640 min Scan# 604
Delta R.T. -0.176 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

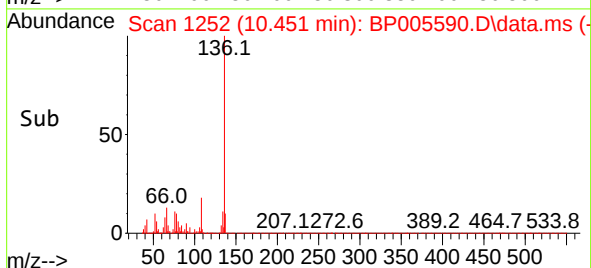
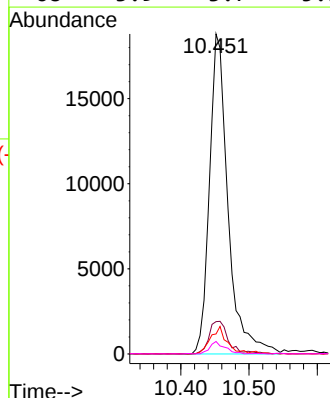
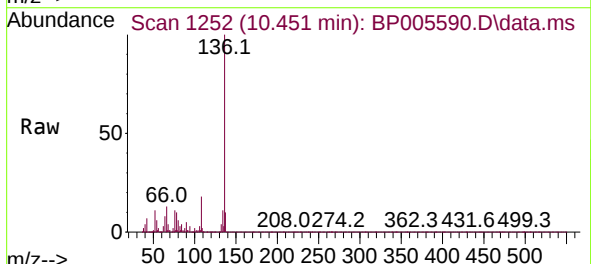
Instrument :
BNA_P
ClientSampleId :
124042

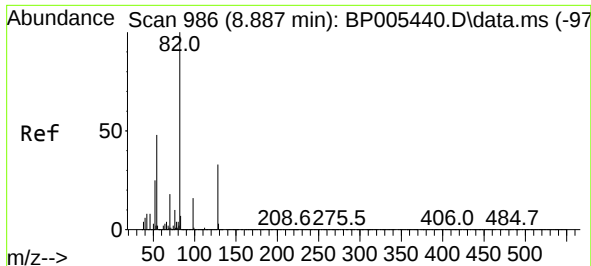
Tgt Ion: 77	Resp: 16
Ion Ratio	Lower Upper
77 100	
105 128.6	89.4 129.4
106 114.3	79.9 119.9



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

Tgt Ion: 136	Resp: 35629
Ion Ratio	Lower Upper
136 100	
137 10.1	8.9 13.3
54 6.2	5.0 7.4
68 3.9	3.7 5.5

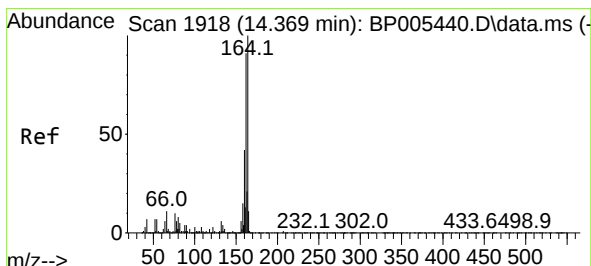
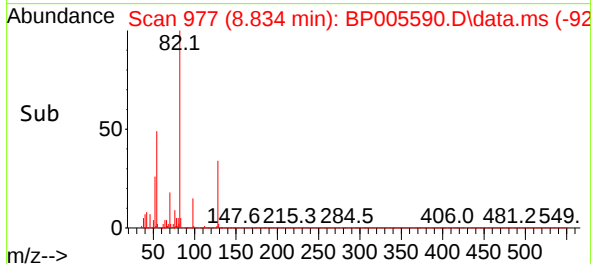
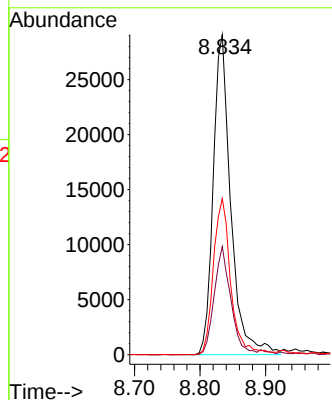
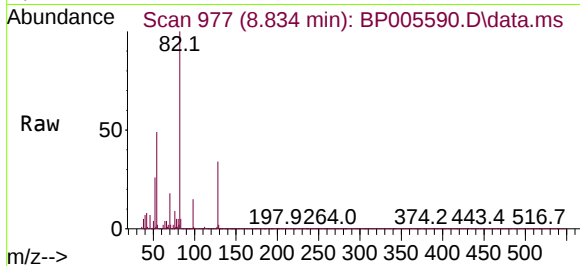




#23
Nitrobenzene-d5
Concen: 59.68 ng
RT: 8.834 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

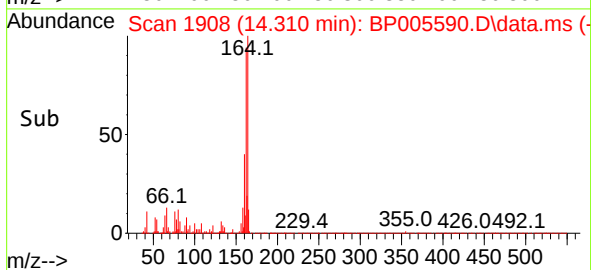
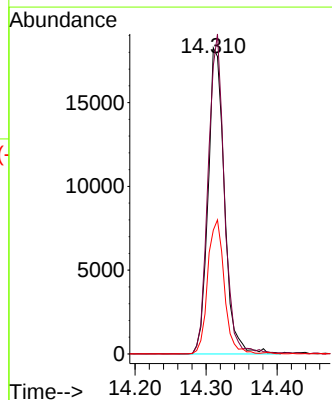
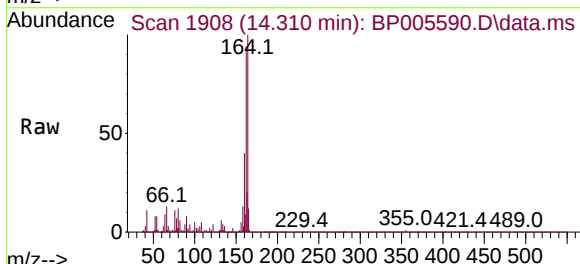
Instrument :
BNA_P
ClientSampleId :
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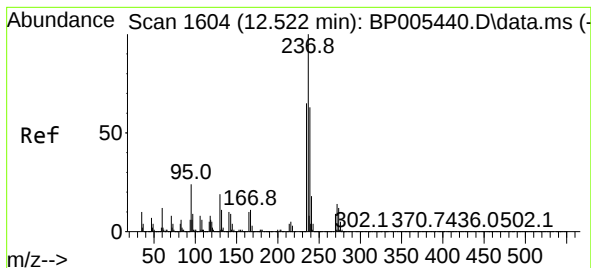
Tgt Ion:	82	Resp:	54025
Ion	Ratio	Lower	Upper
82	100		
128	33.8	30.5	45.7
54	48.7	33.9	50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

Tgt Ion:	164	Resp:	29339
Ion	Ratio	Lower	Upper
164	100		
162	94.2	73.5	110.3
160	40.5	40.6	61.0#



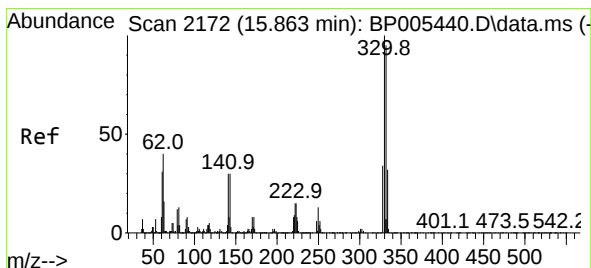
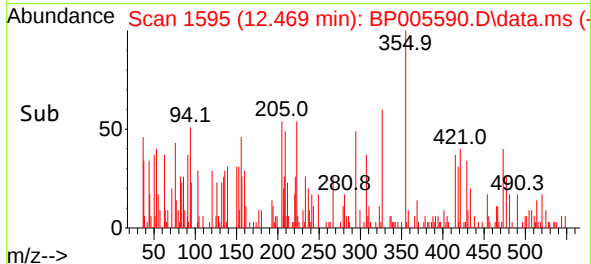
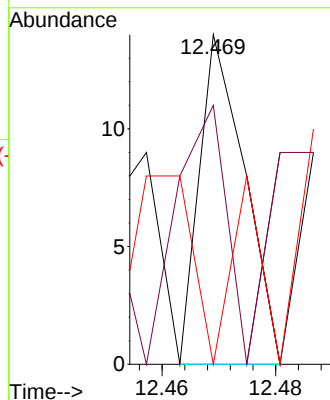
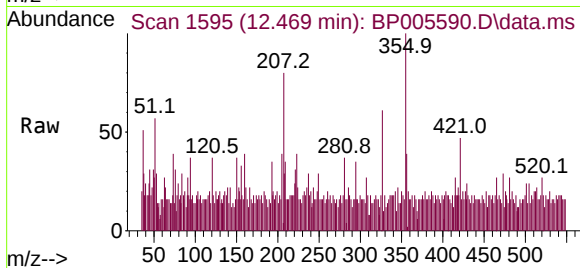


#41

Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

Instrument :
BNA_P
ClientSampleId :
124042

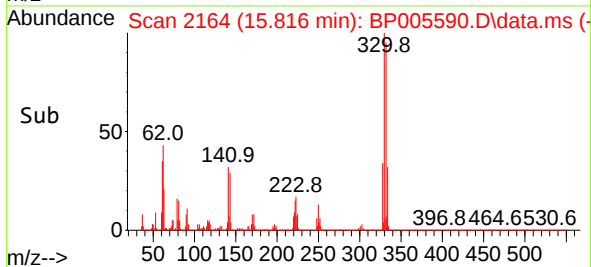
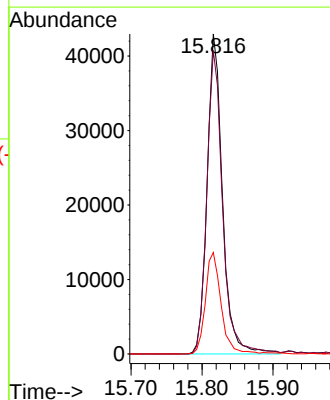
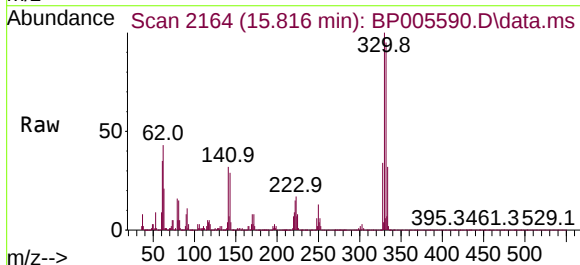
Tgt Ion:	237	Resp:	8
Ion Ratio	Lower	Upper	
237	100		
235	78.6	40.9	80.9
272	0.0	0.0	34.6

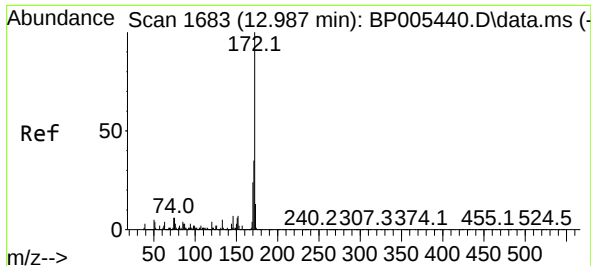


#42

2,4,6-Tribromophenol
Concen: 77.90 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

Tgt Ion:	330	Resp:	64855
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.3	114.5
141	32.8	22.8	34.2

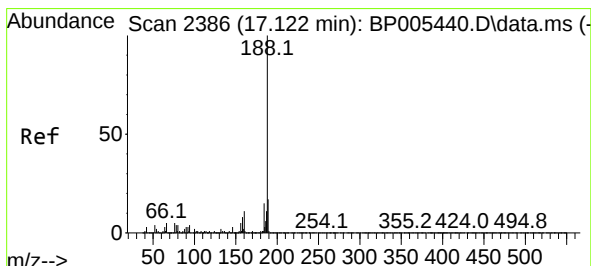
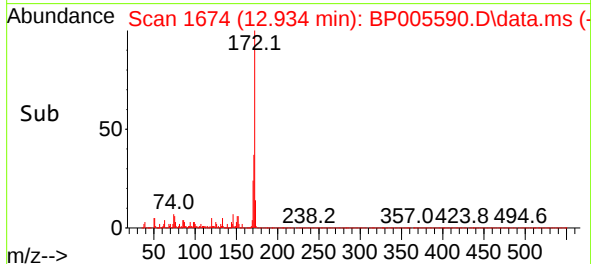
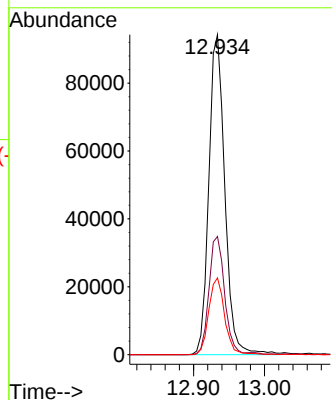
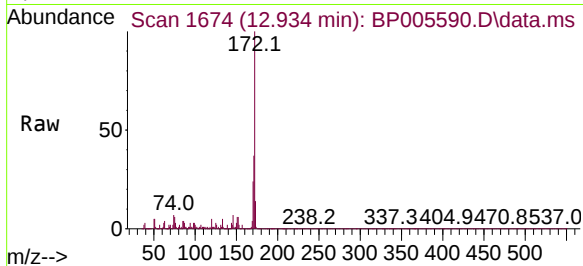




#45
2-Fluorobiphenyl
Concen: 56.71 ng
RT: 12.934 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

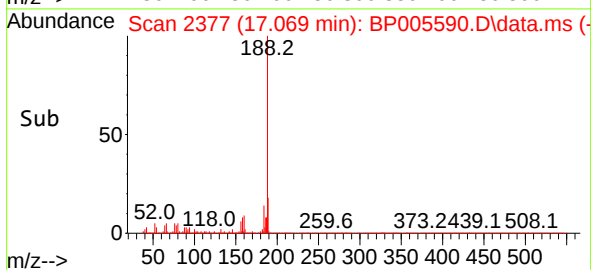
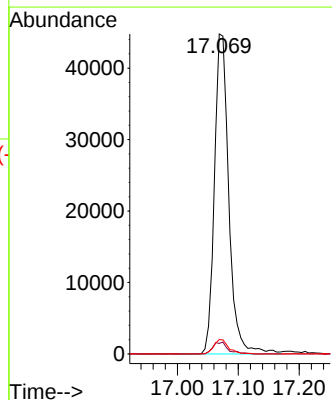
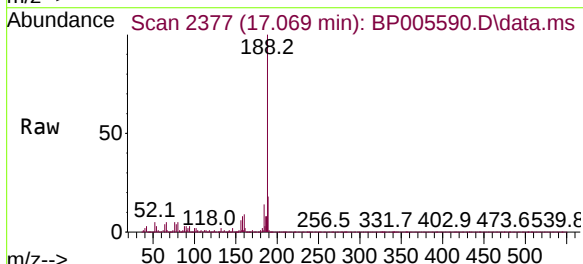
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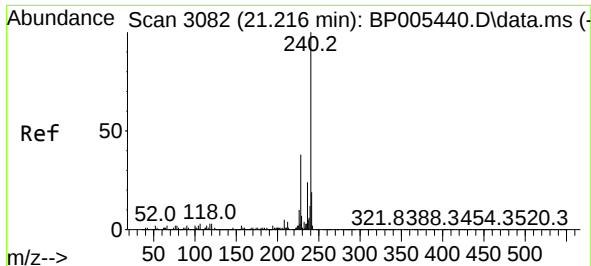
Tgt Ion:172 Resp: 147491
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 24.0 19.6 29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

Tgt Ion:188 Resp: 73647
Ion Ratio Lower Upper
188 100
94 3.3 5.0 7.6#
80 4.5 5.9 8.9#

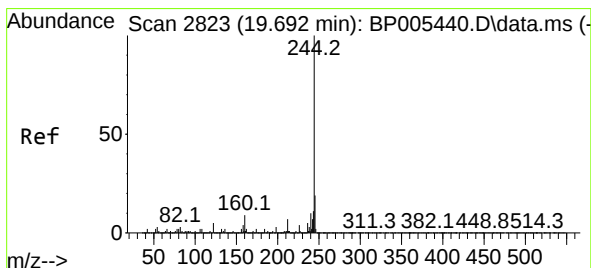
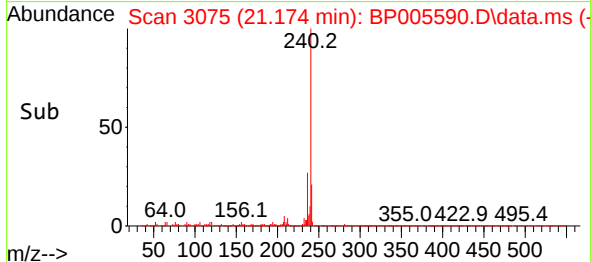
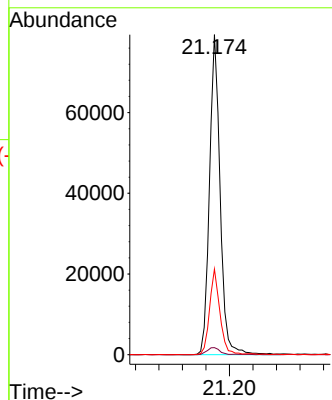
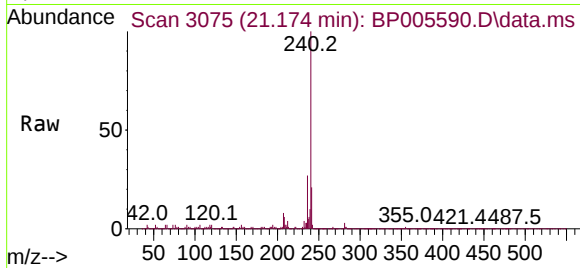




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

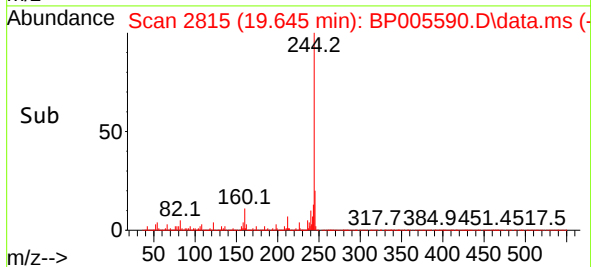
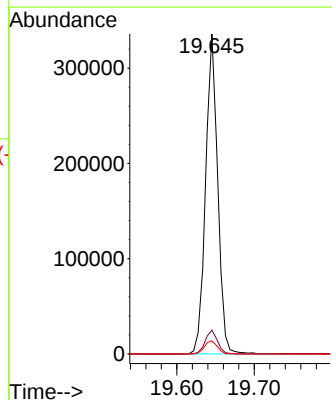
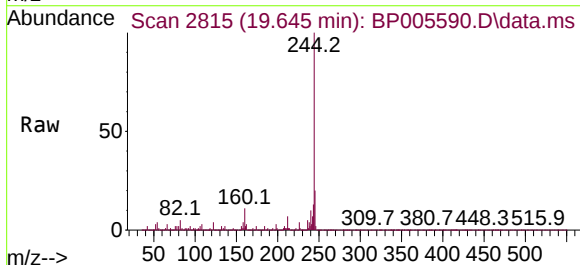
Instrument :
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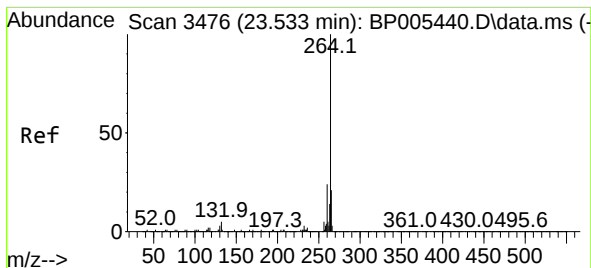
Tgt Ion:240 Resp: 99521
Ion Ratio Lower Upper
240 100
120 2.2 4.2 6.2#
236 26.7 20.2 30.2



#79
Terphenyl-d14
Concen: 62.16 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005590.D
Acq: 17 May 2021 20:30

Tgt Ion:244 Resp: 364265
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 4.1 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: BP005590.D

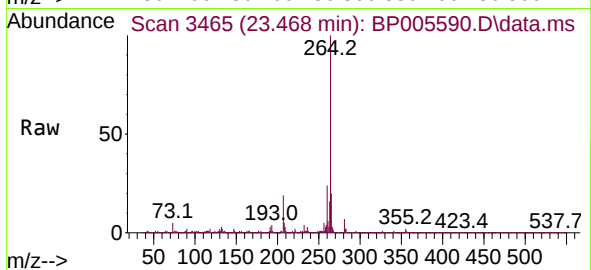
Acq: 17 May 2021 20:30

Instrument :

BNA_P

ClientSampleId :

124042



Tgt Ion:264 Resp: 106460

Ion Ratio Lower Upper

264 100

260 23.7 20.6 30.8

265 20.4 19.0 28.6

