

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051921\
 Data File : BP005612.D
 Acq On : 19 May 2021 15:16
 Operator : CG/JU
 Sample : M2441-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-20C064

Quant Time: May 20 03:23:58 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)

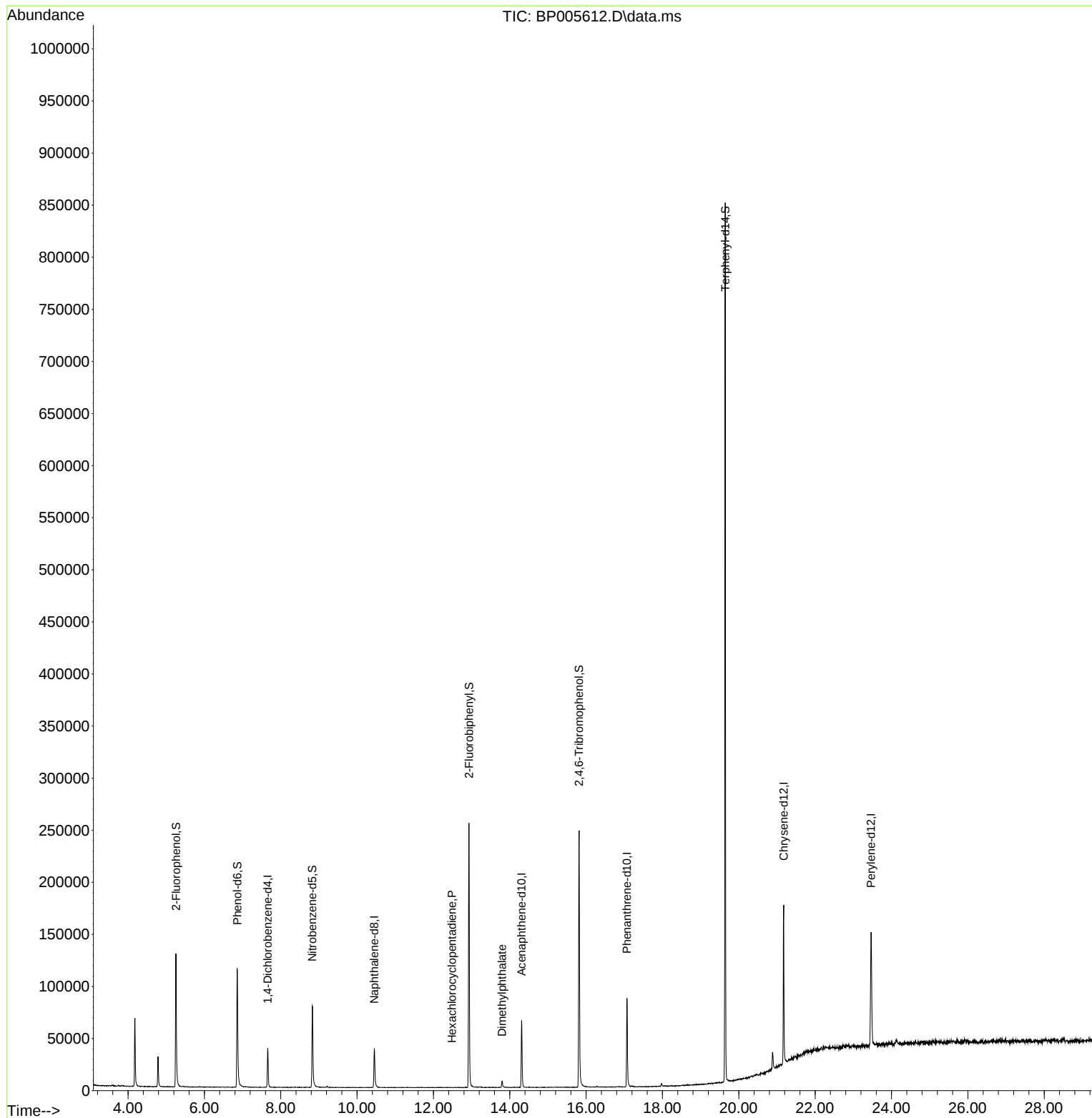
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	7706	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	25011	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	19111	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	51596	20.00	ng	# 0.00
76) Chrysene-d12	21.175	240	75325	20.00	ng	# 0.00
86) Perylene-d12	23.463	264	89338	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	41353	102.99	ng	0.00
7) Phenol-d6	6.864	99	46829	93.53	ng	0.00
23) Nitrobenzene-d5	8.828	82	41995	66.09	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	49986	92.17	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	112121	66.18	ng	0.00
79) Terphenyl-d14	19.645	244	322006	72.60	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.146	88	28	Below Cal	#	1
9) Benzaldehyde	6.822	77	12	Below Cal	#	72
41) Hexachlorocyclopentadiene	12.487	237	8	7.89	ng	75
50) Dimethylphthalate	13.798	163	4690	2.84	ng	97

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

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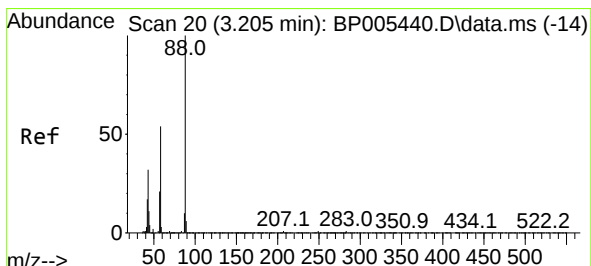
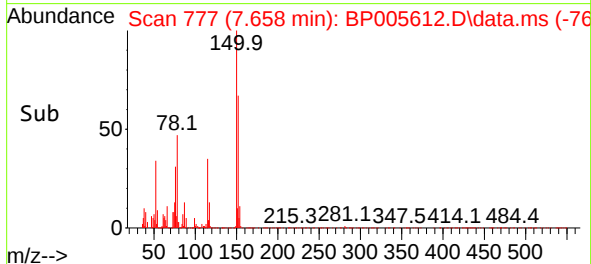
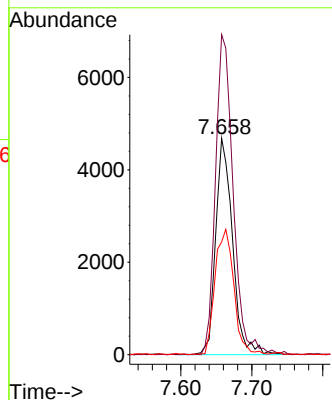
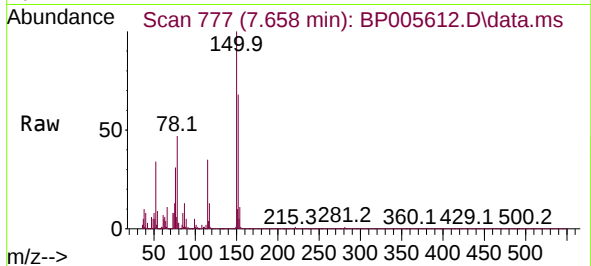




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.658 min Scan# 777
Delta R.T. -0.005 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

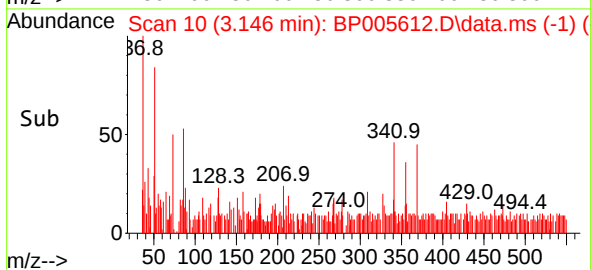
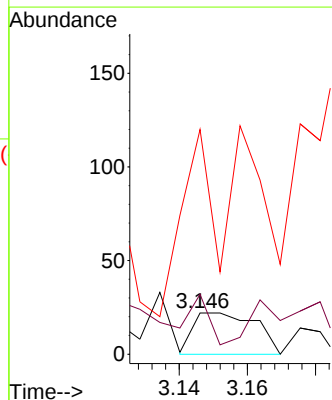
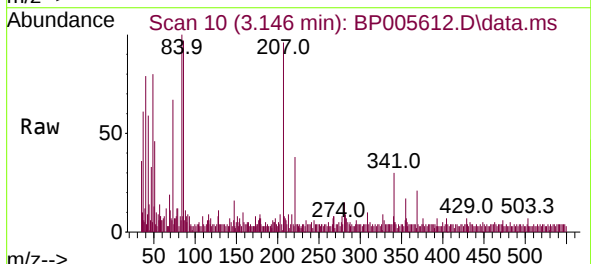
Instrument :
BNA_P
ClientSampleId :
RO-20C064

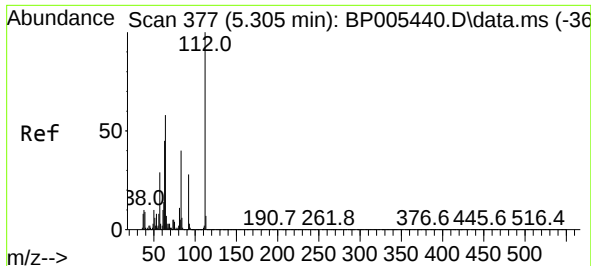
Tgt Ion:152 Resp: 7706
Ion Ratio Lower Upper
152 100
150 147.9 119.8 179.8
115 52.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.146 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
58 107.1 42.5 63.7#
43 225.0 19.8 29.8#

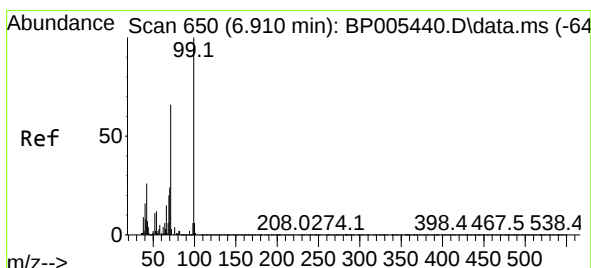
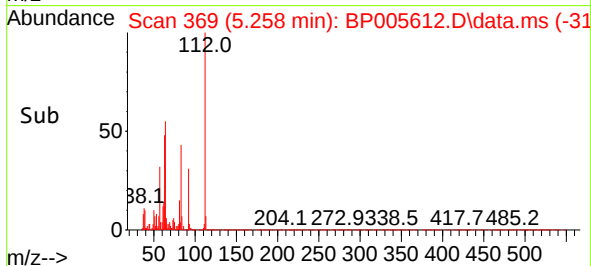
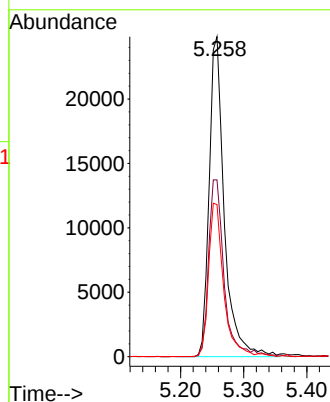
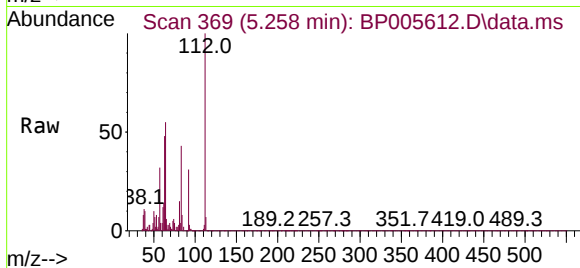




#5
2-Fluorophenol
Concen: 102.99 ng
RT: 5.258 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

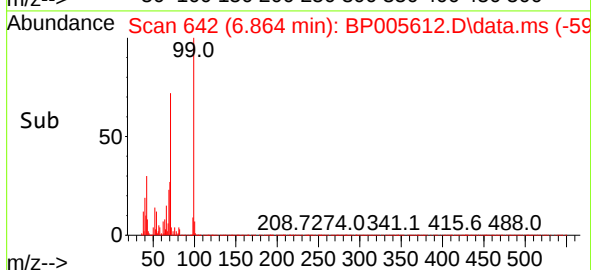
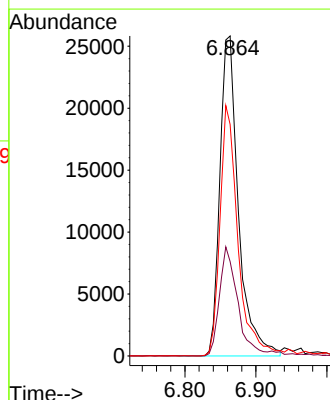
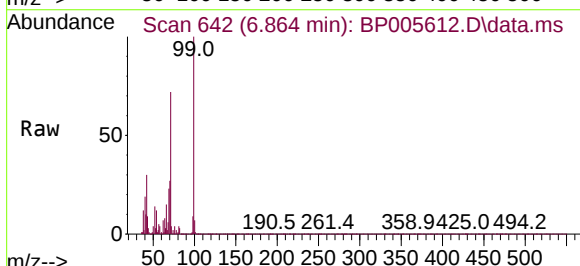
Instrument :
BNA_P
ClientSampleId :
RO-20C064

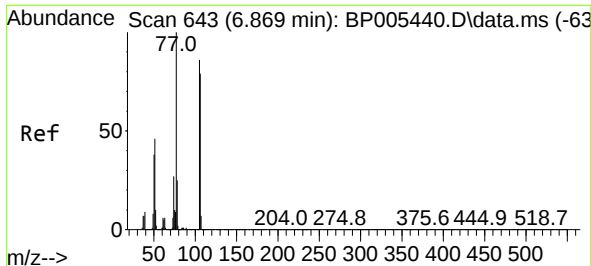
Tgt Ion:	112	Resp:	41353
Ion Ratio	Lower	Upper	
112	100		
64	55.3	33.6	50.4#
63	47.5	18.6	27.8#



#7
Phenol-d6
Concen: 93.53 ng
RT: 6.864 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

Tgt Ion:	99	Resp:	46829
Ion Ratio	Lower	Upper	
99	100		
42	29.5	12.9	19.3#
71	72.3	26.7	40.1#

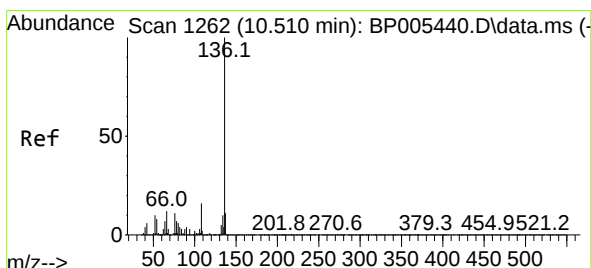
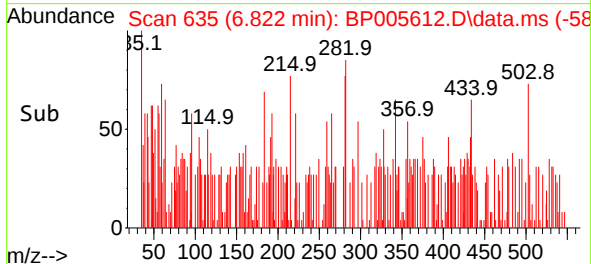
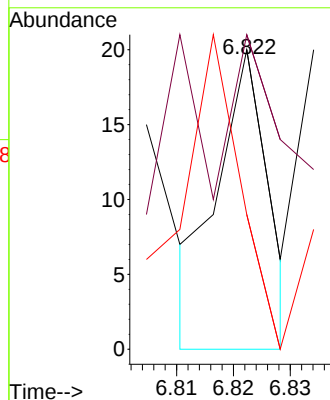
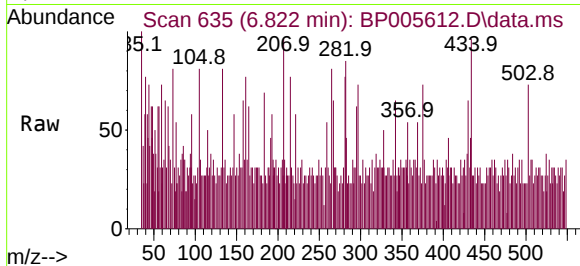




#9
Benzaldehyde
Concen: Below Cal
RT: 6.822 min Scan# 635
Delta R.T. 0.006 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

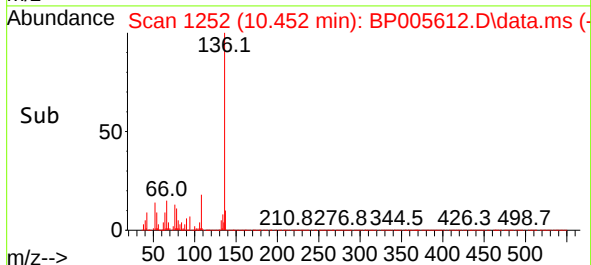
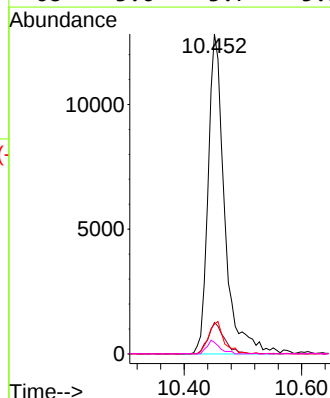
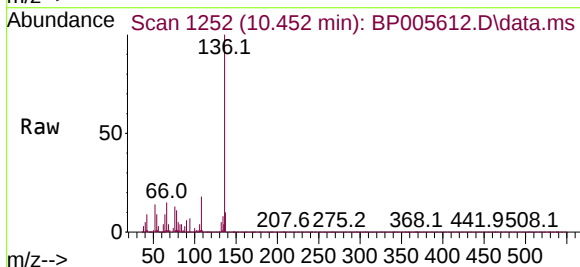
Instrument :
BNA_P
ClientSampleId :
RO-20C064

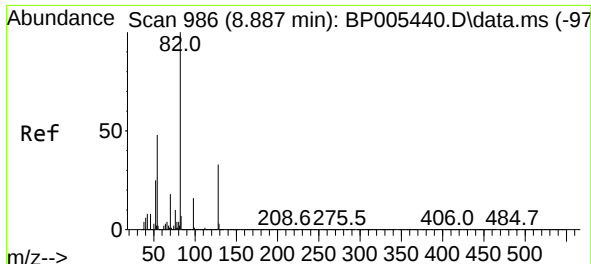
Tgt Ion: 77 Resp: 12
Ion Ratio Lower Upper
77 100
105 105.0 89.4 129.4
106 45.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.452 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

Tgt Ion:136 Resp: 25011
Ion Ratio Lower Upper
136 100
137 9.9 8.9 13.3
54 9.3 5.0 7.4#
68 3.6 3.7 5.5#

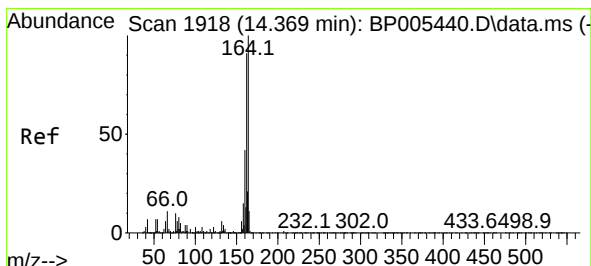
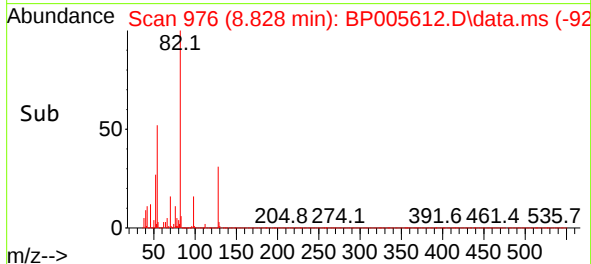
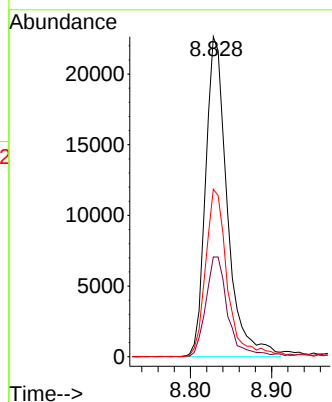
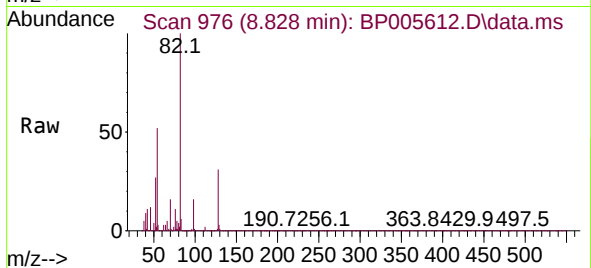




#23
Nitrobenzene-d5
Concen: 66.09 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

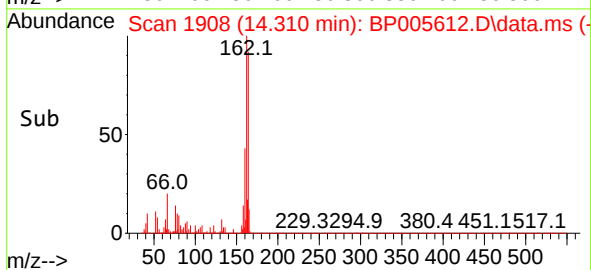
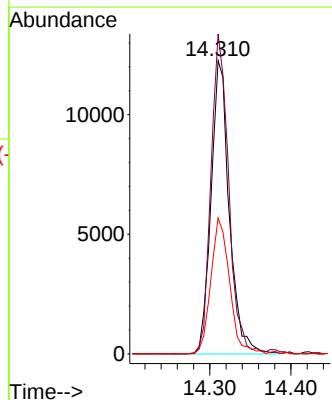
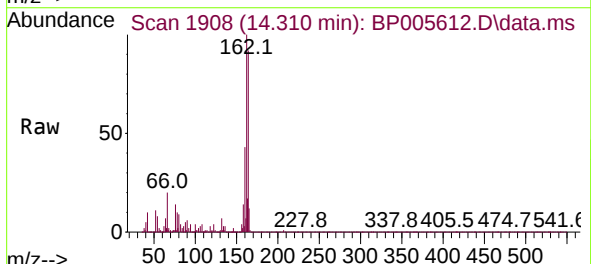
Instrument :
BNA_P
ClientSampleId :
RO-20C064

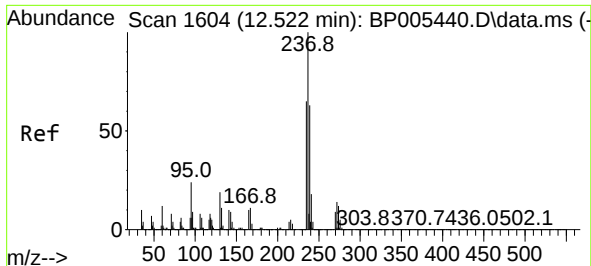
Tgt Ion: 82 Resp: 41995
Ion Ratio Lower Upper
82 100
128 31.2 30.5 45.7
54 52.4 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

Tgt Ion: 164 Resp: 19111
Ion Ratio Lower Upper
164 100
162 109.1 73.5 110.3
160 46.4 40.6 61.0

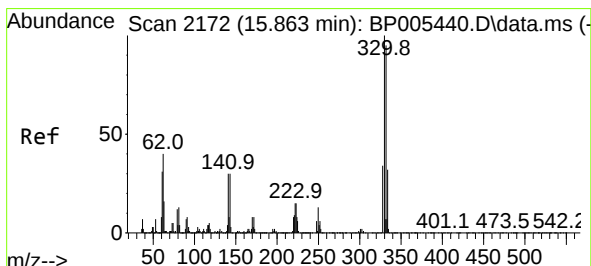
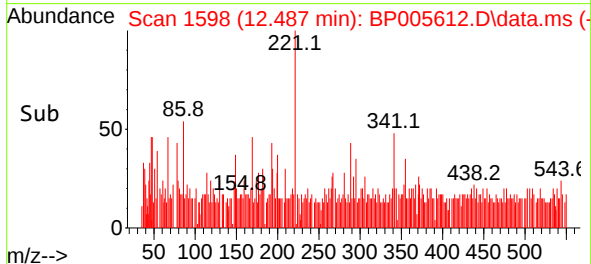
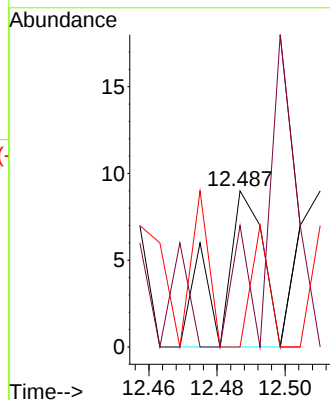
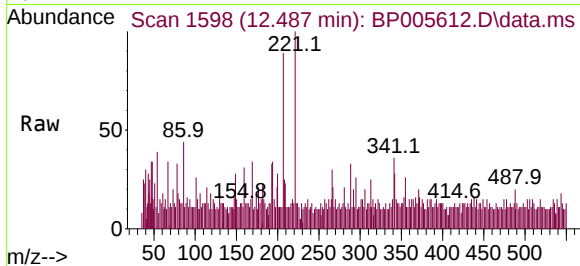




#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.487 min Scan# 1598
Delta R.T. 0.024 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

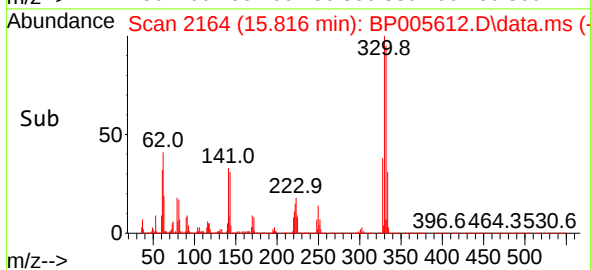
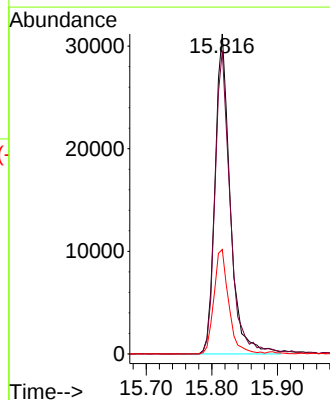
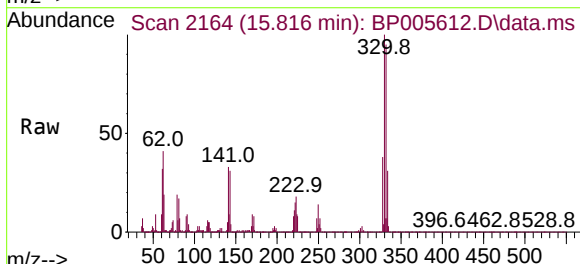
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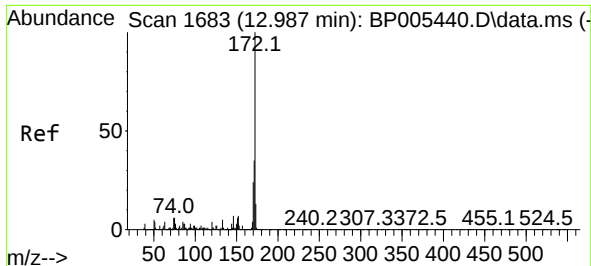
Tgt Ion:	237	Resp:	8
Ion	Ratio	Lower	Upper
237	100		
235	77.8	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 92.17 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

Tgt Ion:	330	Resp:	49986
Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.3	114.5
141	32.0	22.8	34.2

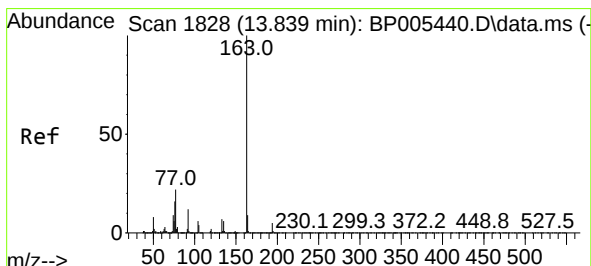
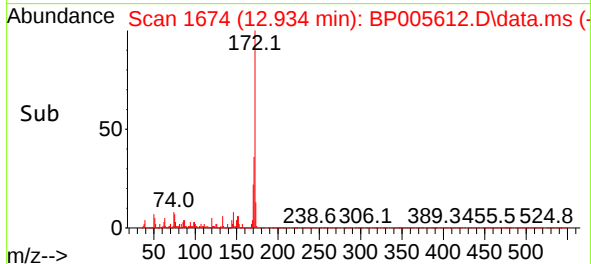
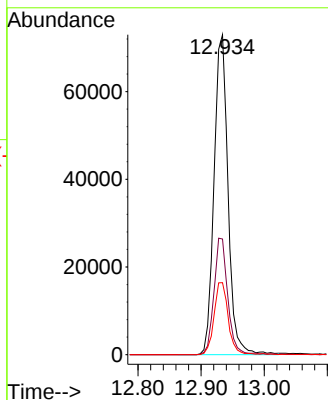
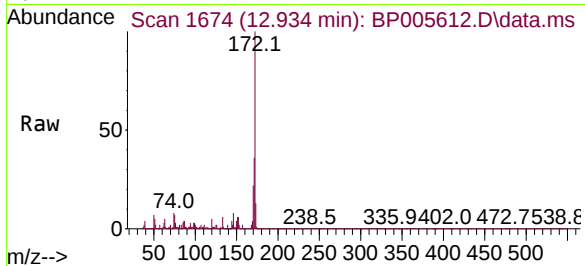




#45
2-Fluorobiphenyl
Concen: 66.18 ng
RT: 12.934 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

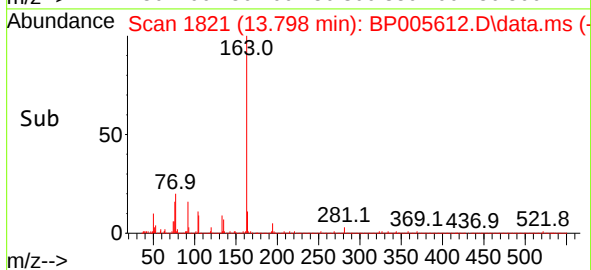
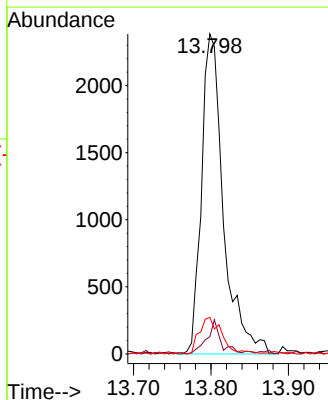
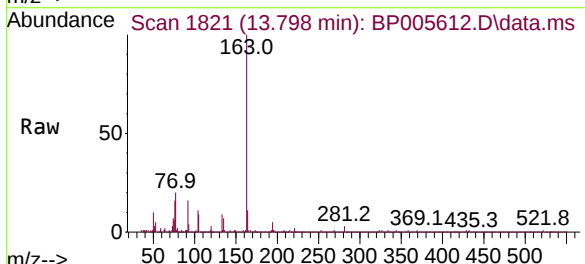
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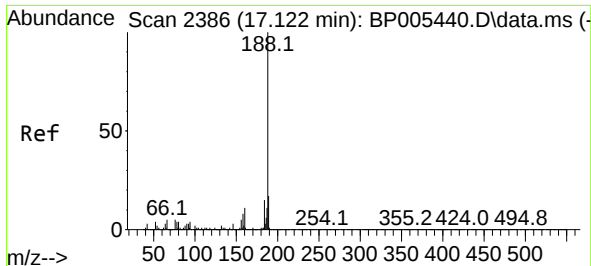
Tgt Ion:172	Resp:	112121
Ion Ratio	Lower	Upper
172	100	
171	36.2	28.1 42.1
170	22.5	19.6 29.4



#50
Dimethylphthalate
Concen: 2.84 ng
RT: 13.798 min Scan# 1821
Delta R.T. 0.012 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

Tgt Ion:163	Resp:	4690
Ion Ratio	Lower	Upper
163	100	
194	5.4	3.9 5.9
164	11.4	8.1 12.1

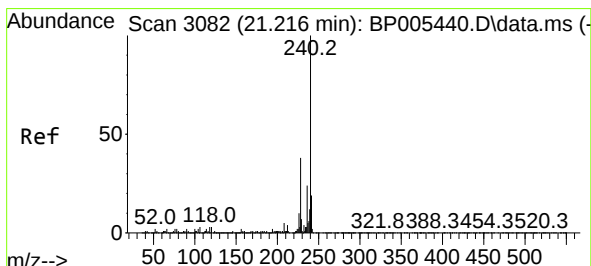
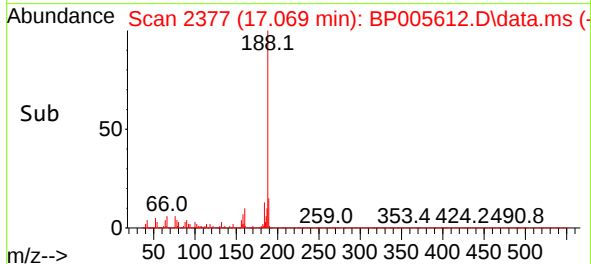
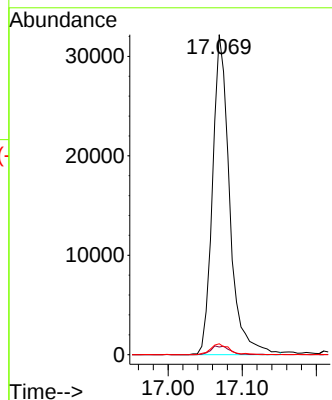
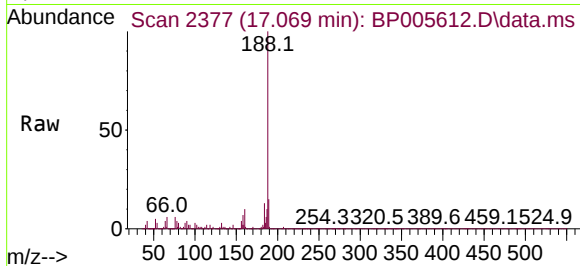




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

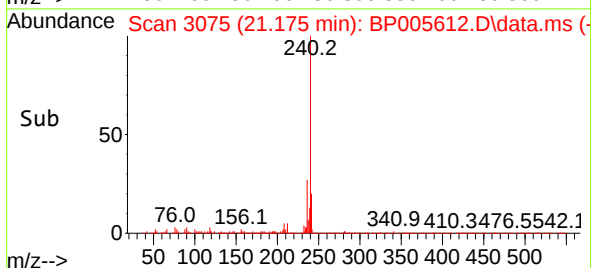
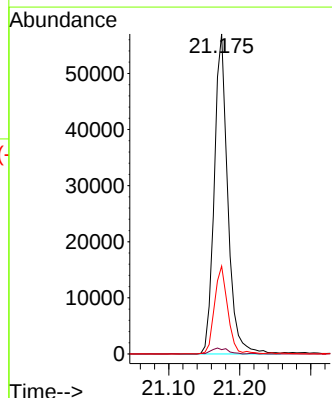
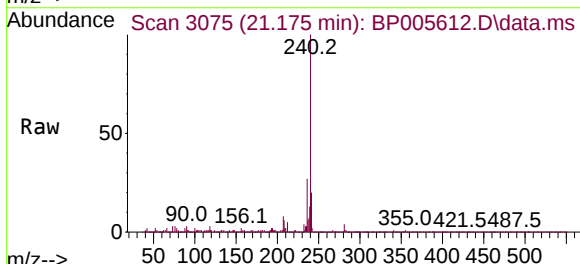
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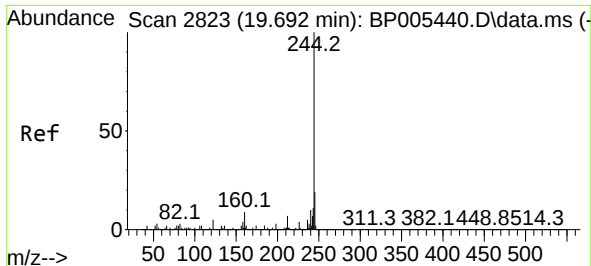
Tgt Ion:188	Resp:	51596
Ion Ratio	Lower	Upper
188	100	
94	2.4	5.0 7.6#
80	3.4	5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.175 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

Tgt Ion:240	Resp:	75325
Ion Ratio	Lower	Upper
240	100	
120	1.3	4.2 6.2#
236	27.5	20.2 30.2

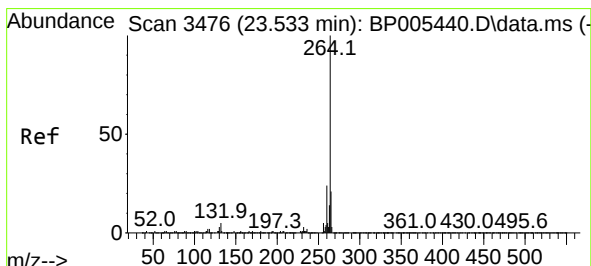
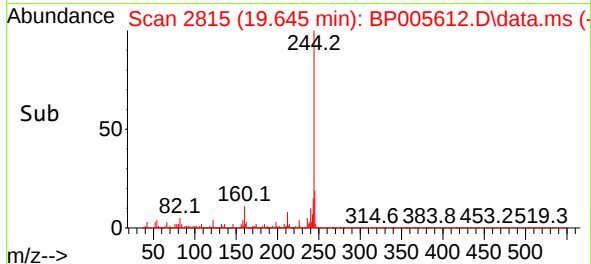
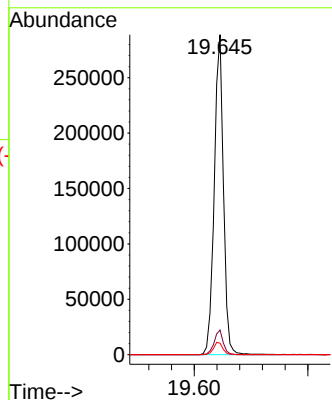
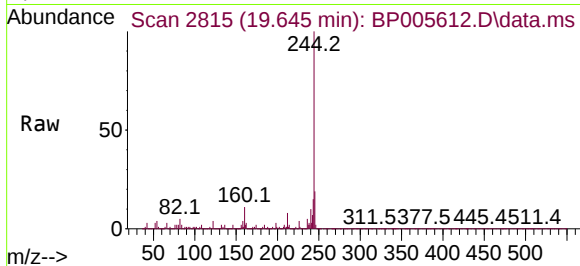




#79
Terphenyl-d14
Concen: 72.60 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

Instrument :
BNA_P
ClientSampleId :
RO-20C064

Tgt Ion:244 Resp: 322006
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 3.6 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.463 min Scan# 3464
Delta R.T. -0.012 min
Lab File: BP005612.D
Acq: 19 May 2021 15:16

Tgt Ion:264 Resp: 89338
Ion Ratio Lower Upper
264 100
260 22.2 20.6 30.8
265 19.6 19.0 28.6

