

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
 Data File : BP005244.D
 Acq On : 08 Apr 2021 19:49
 Operator : CG/JU
 Sample : M1971-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-03-040721

Quant Time: Apr 09 00:45:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

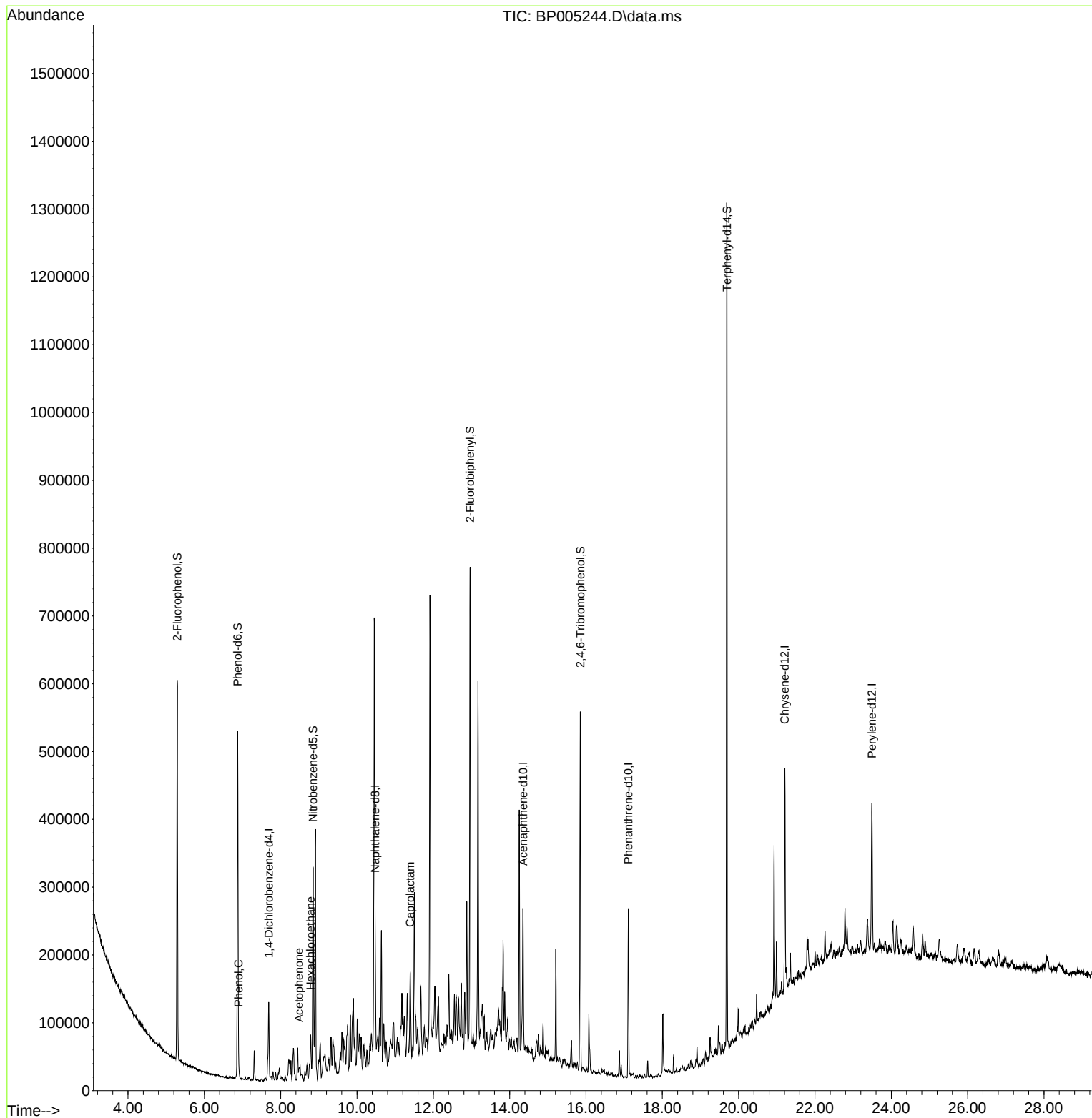
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	27775	20.00	ng	# 0.00
21) Naphthalene-d8	10.475	136	106080	20.00	ng	#-0.01
39) Acenaphthene-d10	14.351	164	63060	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	133115	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	144520	20.00	ng	0.00
86) Perylene-d12	23.492	264	152752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	235780	130.64	ng	0.00
7) Phenol-d6	6.875	99	283567	109.69	ng	0.00
23) Nitrobenzene-d5	8.846	82	189008	76.45	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	83907	102.12	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	335904	72.06	ng	0.00
79) Terphenyl-d14	19.692	244	544427	68.58	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.899	94	5562	2.10	ng	# 72
18) Hexachloroethane	8.787	117	3264	3.99	ng	# 1
22) Acetophenone	8.487	105	10676	3.50	ng	# 61
35) Caprolactam	11.393	113	2230	3.74	ng	# 1

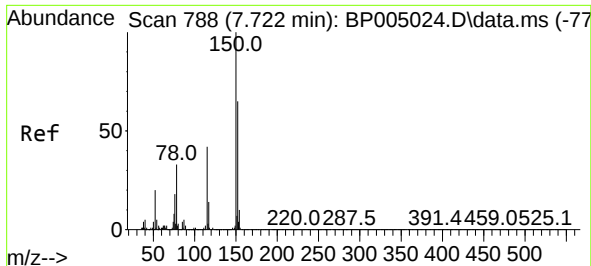
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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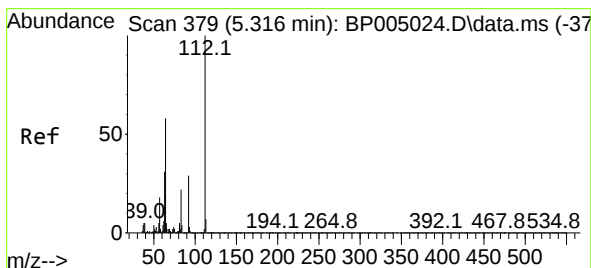
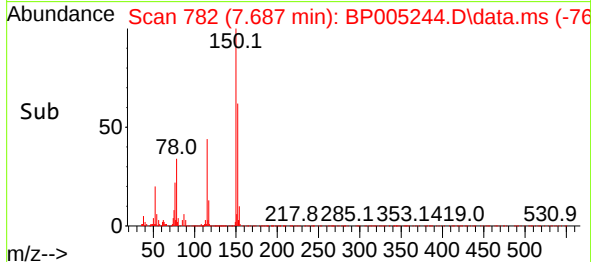
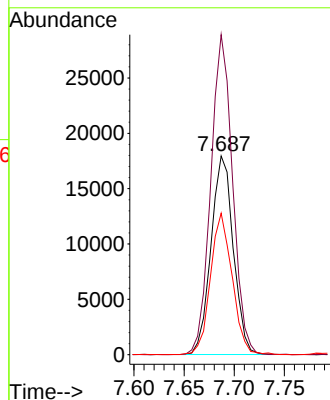
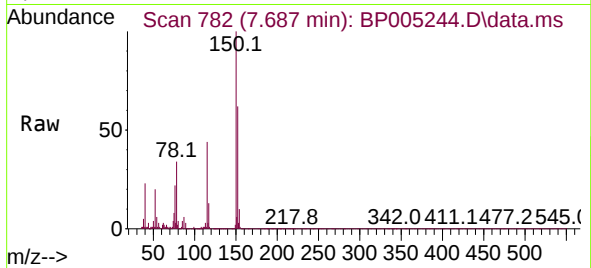




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.006 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

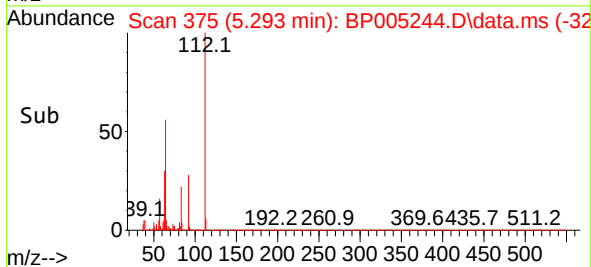
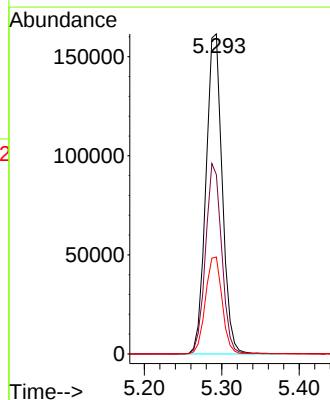
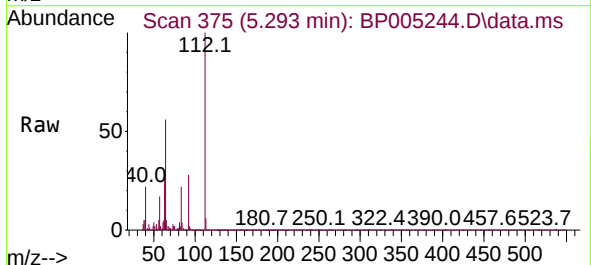
Instrument :
BNA_P
ClientSampleId :
HR-03-040721

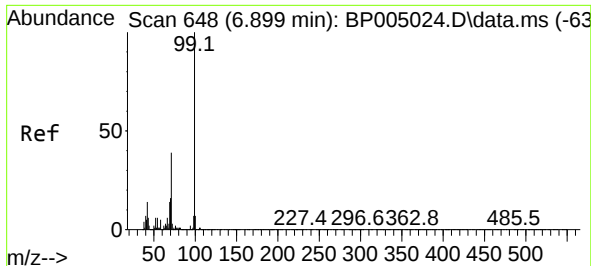
Tgt Ion:152 Resp: 27775
Ion Ratio Lower Upper
152 100
150 161.0 123.8 185.6
115 71.1 43.8 65.6#



#5
2-Fluorophenol
Concen: 130.64 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

Tgt Ion:112 Resp: 235780
Ion Ratio Lower Upper
112 100
64 56.1 32.8 49.2#
63 30.3 17.0 25.4#

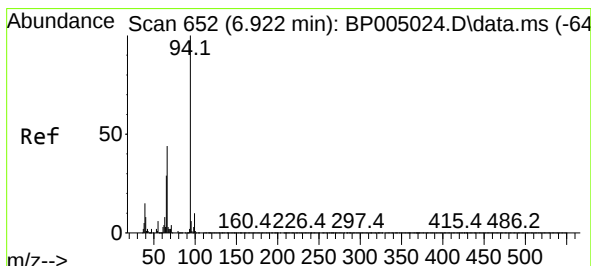
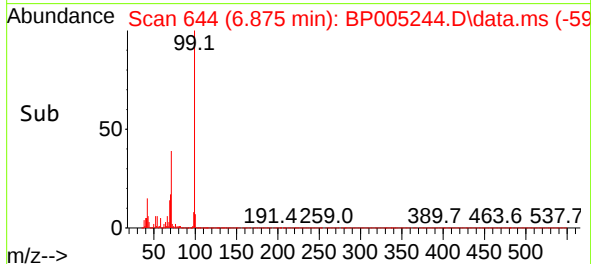
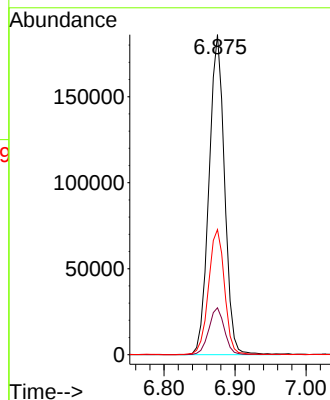
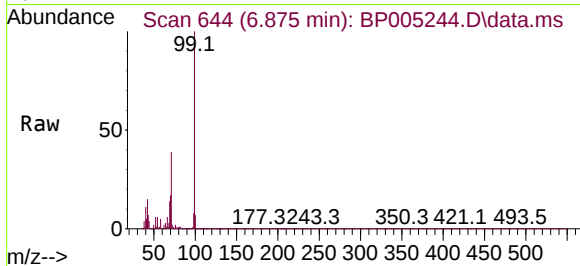




#7
Phenol-d6
Concen: 109.69 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

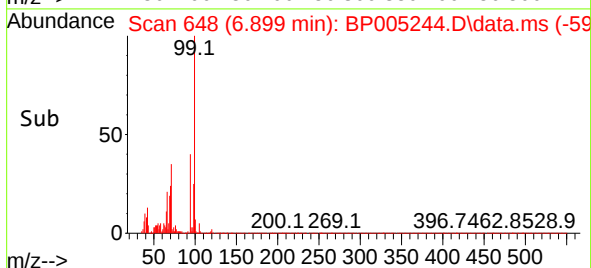
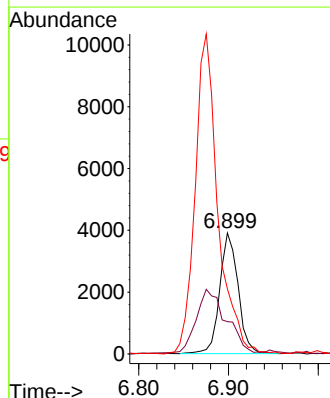
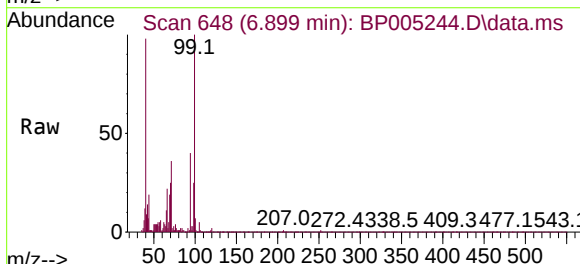
Instrument :
BNA_P
ClientSampleId :
HR-03-040721

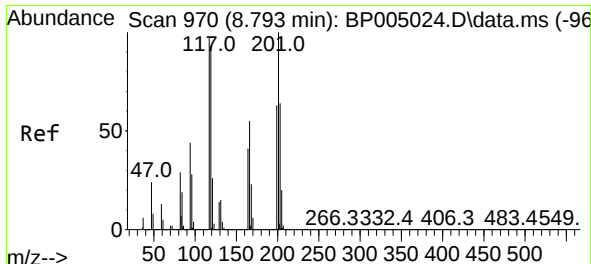
Tgt Ion: 99 Resp: 283567
Ion Ratio Lower Upper
99 100
42 14.6 8.6 13.0#
71 39.1 23.4 35.2#



#10
Phenol
Concen: 2.10 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.006 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

Tgt Ion: 94 Resp: 5562
Ion Ratio Lower Upper
94 100
65 26.8 2.3 42.3
66 53.8 10.9 50.9#

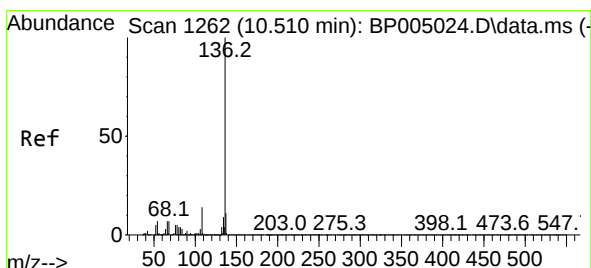
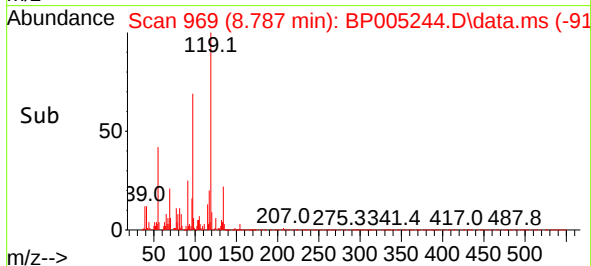
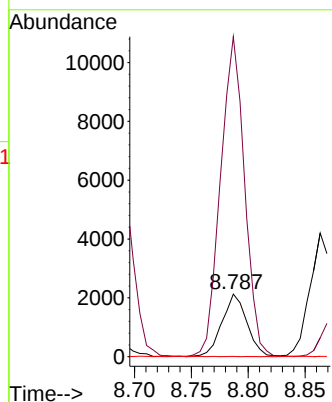
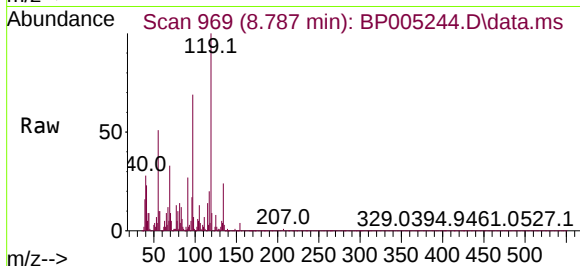




#18
Hexachloroethane
Concen: 3.99 ng
RT: 8.787 min Scan# 969
Delta R.T. 0.024 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

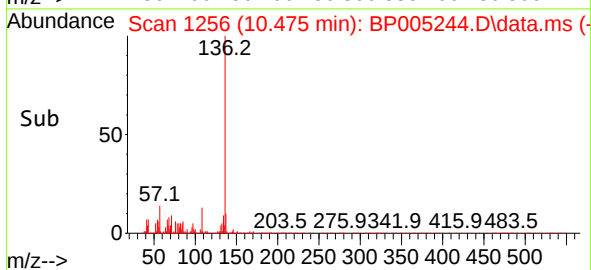
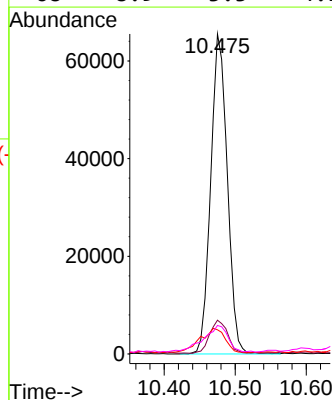
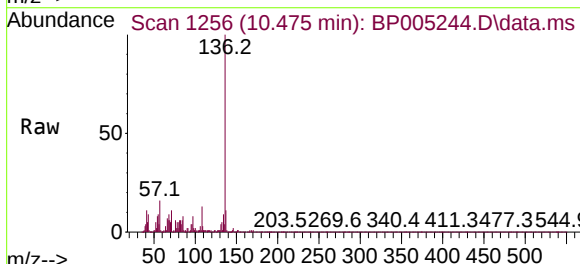
Instrument :
BNA_P
ClientSampleId :
HR-03-040721

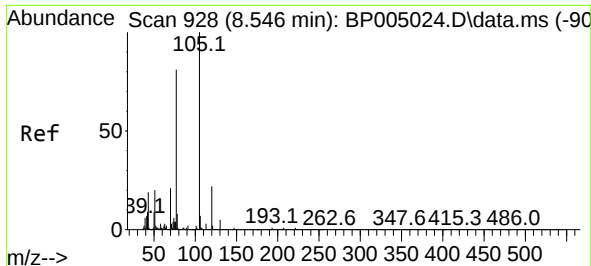
Tgt Ion:117 Resp: 3264
Ion Ratio Lower Upper
117 100
119 511.7 78.8 118.2#
201 0.5 92.3 138.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

Tgt Ion:136 Resp: 106080
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.6 3.6 5.4#
68 8.9 3.3 4.9#

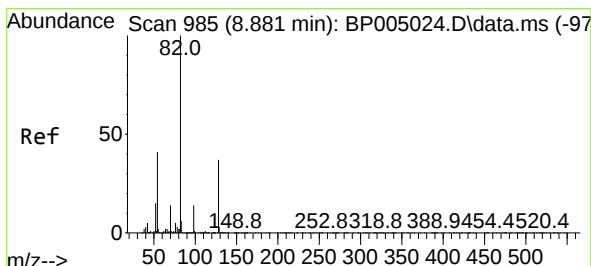
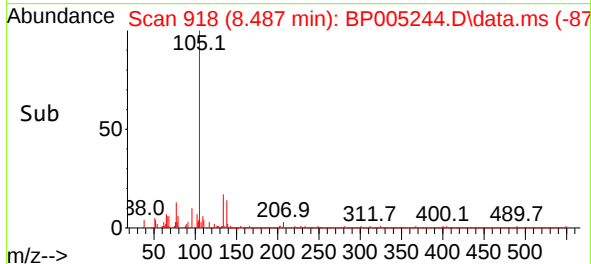
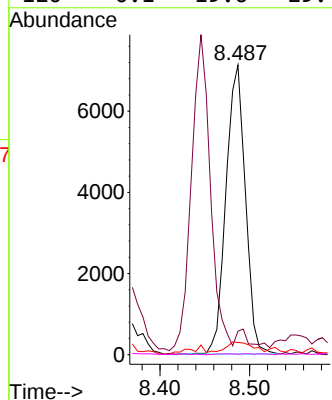
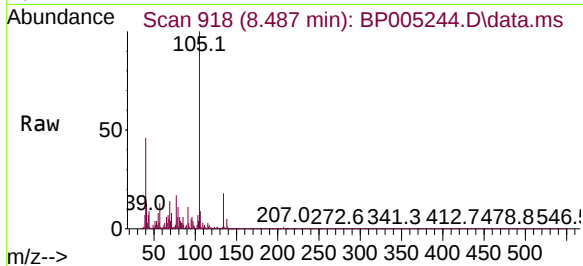




#22
Acetophenone
Concen: 3.50 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.035 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

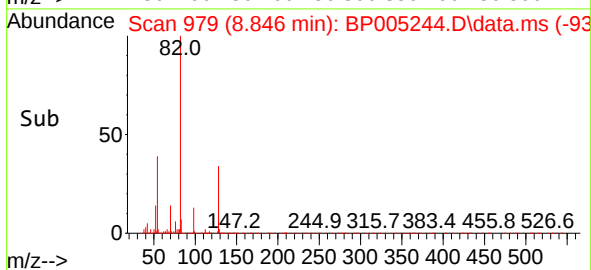
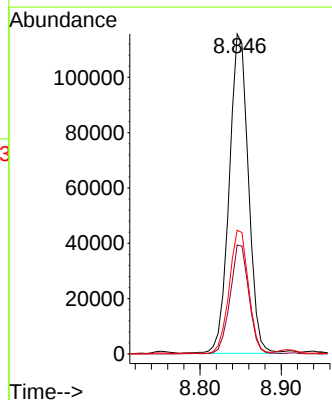
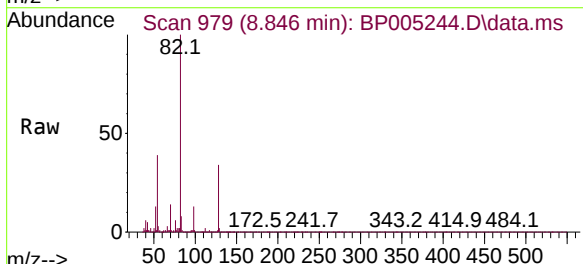
Instrument :
BNA_P
ClientSampleId :
HR-03-040721

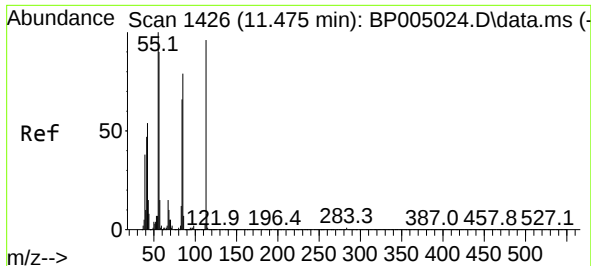
Tgt Ion:	105	Resp:	10676
Ion Ratio	Lower	Upper	
105	100		
71	8.1	2.6	3.8#
51	4.2	13.5	20.3#
120	0.1	19.6	29.4#



#23
Nitrobenzene-d5
Concen: 76.45 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.012 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

Tgt Ion:	82	Resp:	189008
Ion Ratio	Lower	Upper	
82	100		
128	34.1	45.6	68.4#
54	38.6	30.1	45.1

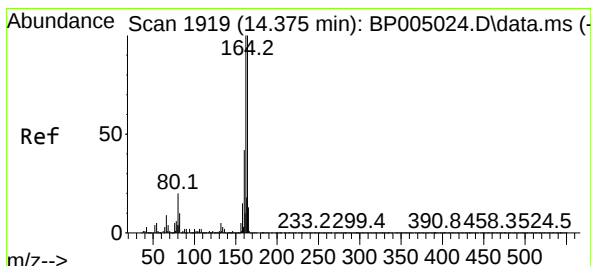
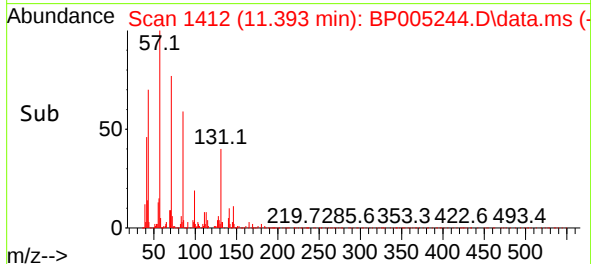
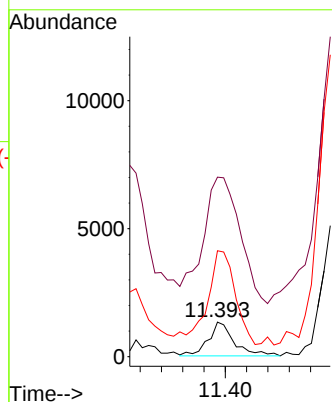
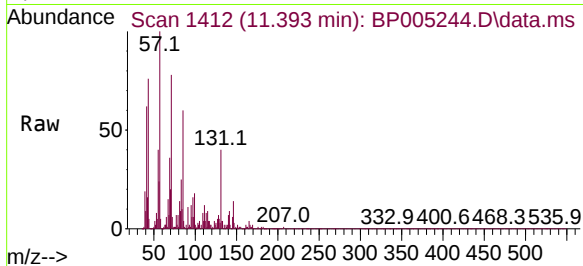




#35
Caprolactam
Concen: 3.74 ng
RT: 11.393 min Scan# 1412
Delta R.T. -0.059 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

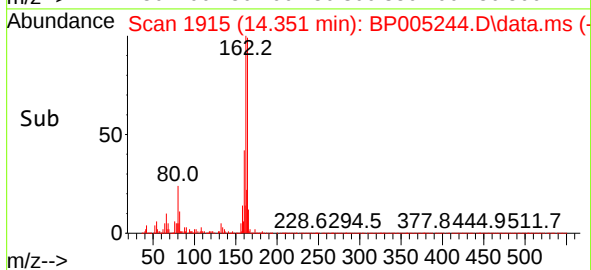
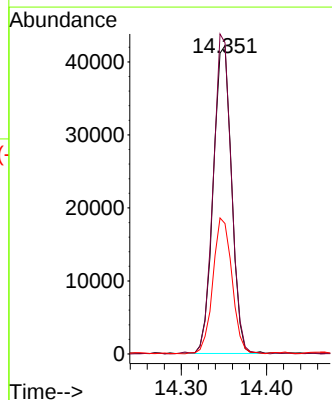
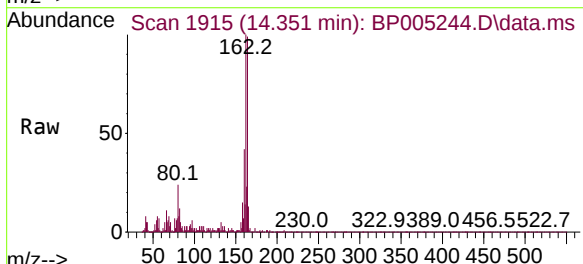
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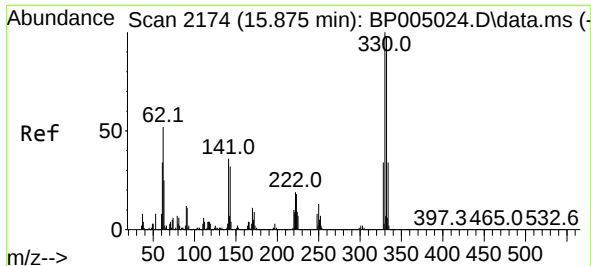
Tgt Ion:113 Resp: 2230
Ion Ratio Lower Upper
113 100
55 520.0 77.3 117.3#
56 306.8 55.9 95.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

Tgt Ion:164 Resp: 63060
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.2
160 42.3 36.1 54.1

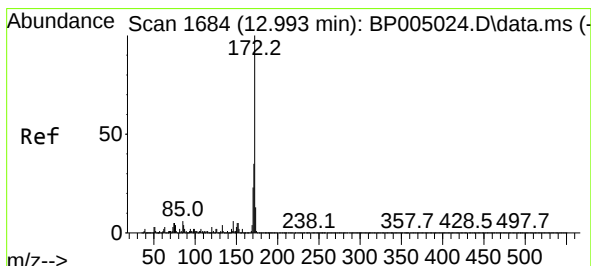
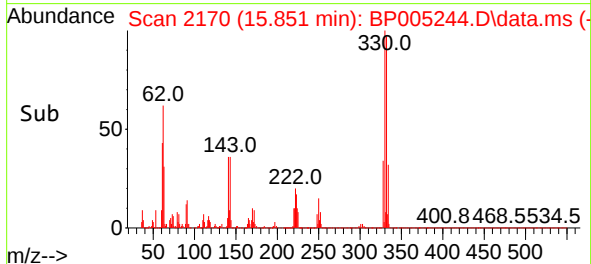
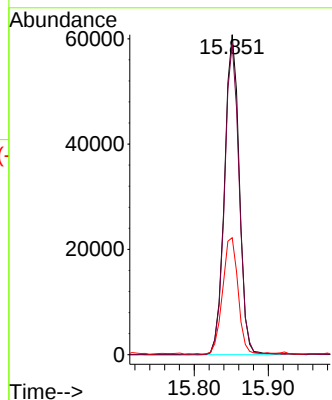
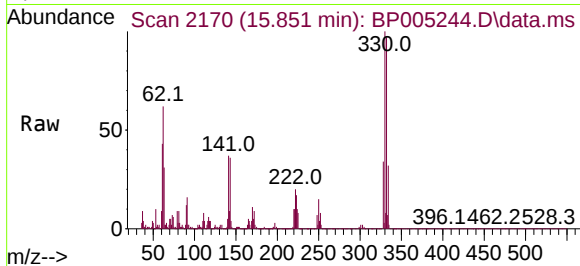




#42
2,4,6-Tribromophenol
Concen: 102.12 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

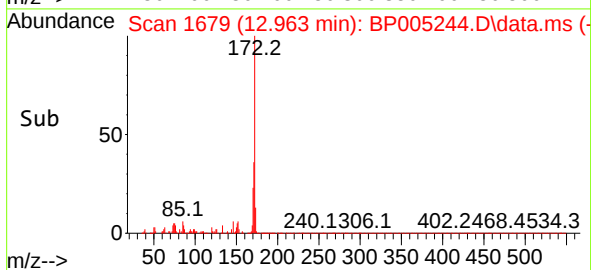
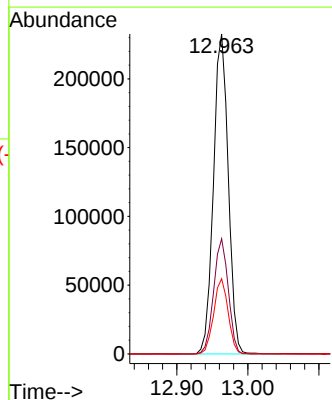
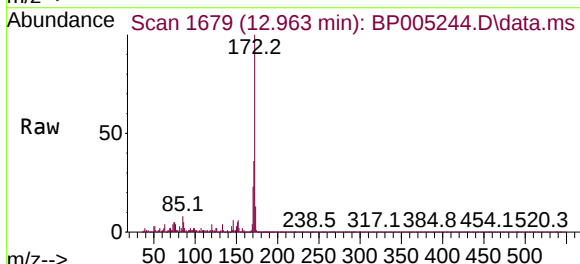
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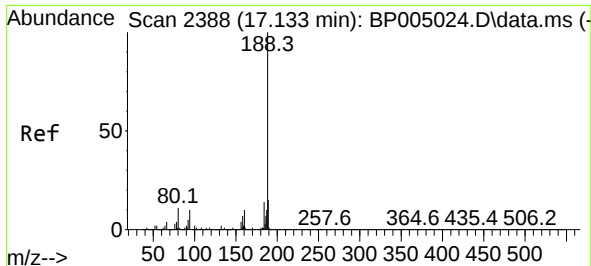
Tgt Ion:330 Resp: 83907
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 37.7 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 72.06 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

Tgt Ion:172 Resp: 335904
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.5 19.2 28.8

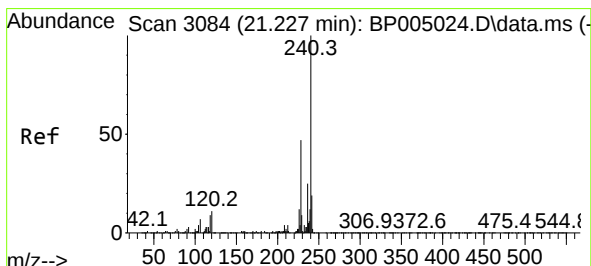
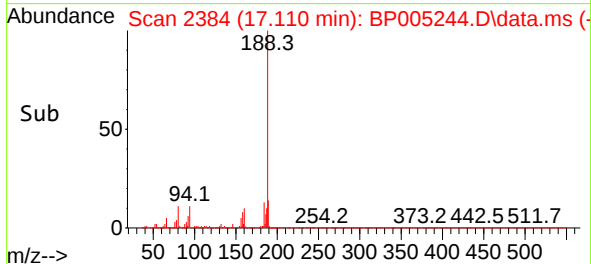
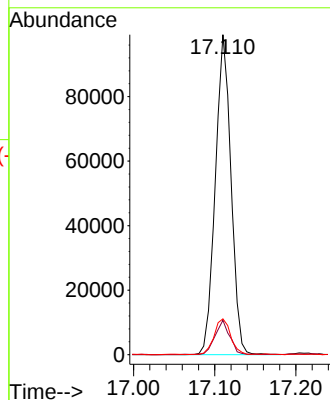
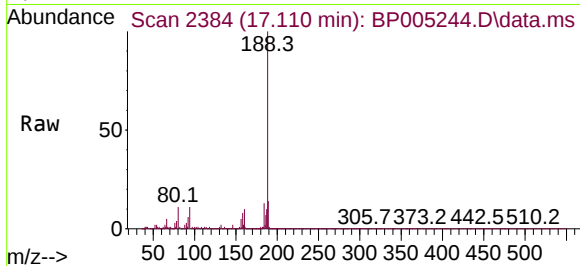




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

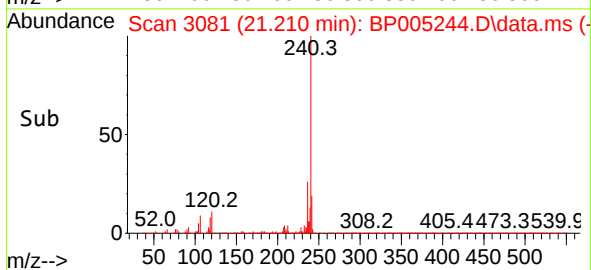
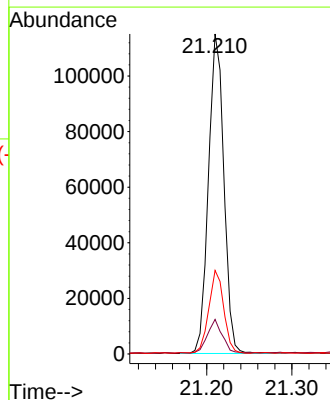
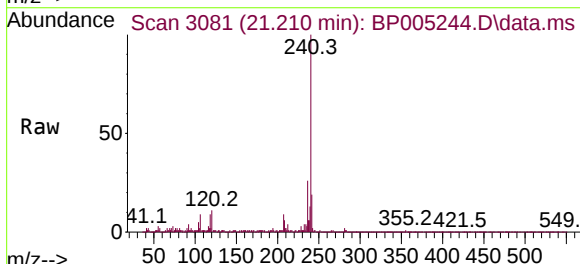
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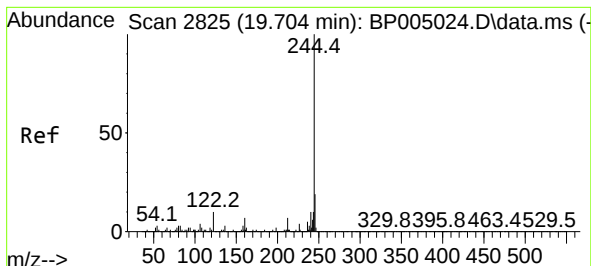
Tgt Ion:188 Resp: 133115
Ion Ratio Lower Upper
188 100
94 10.7 6.2 9.2#
80 11.2 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005244.D
Acq: 08 Apr 2021 19:49

Tgt Ion:240 Resp: 144520
Ion Ratio Lower Upper
240 100
120 10.8 7.8 11.6
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 68.58 ng

RT: 19.692 min Scan# 2823

Delta R.T. 0.006 min

Lab File: BP005244.D

Acq: 08 Apr 2021 19:49

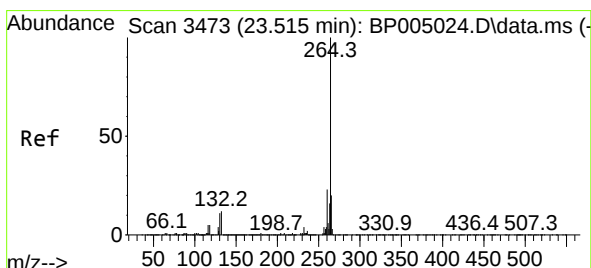
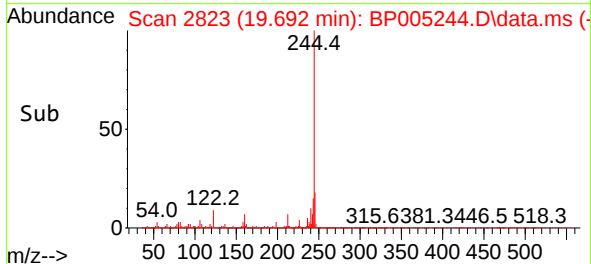
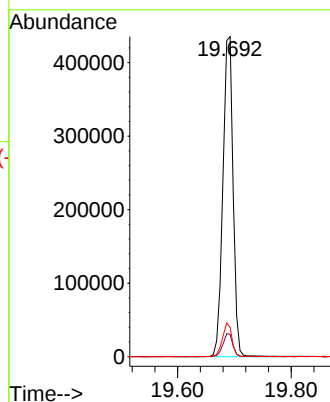
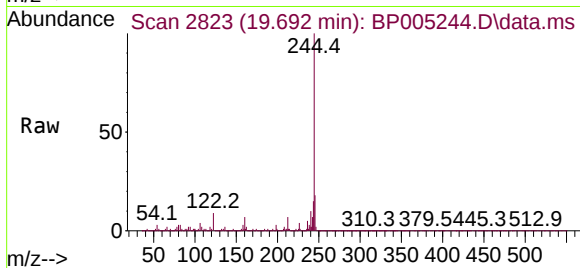
Tgt Ion:244 Resp: 544427

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 9.2 7.8 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.492 min Scan# 3469

Delta R.T. 0.000 min

Lab File: BP005244.D

Acq: 08 Apr 2021 19:49

Tgt Ion:264 Resp: 152752

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 22.8 17.4 26.2

