

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
 Data File : BP005127.D
 Acq On : 31 Mar 2021 15:37
 Operator : CG/JU
 Sample : M1836-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B7-10-12

Quant Time: Mar 31 16:15:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 10:07:03 2021
 Response via : Initial Calibration

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

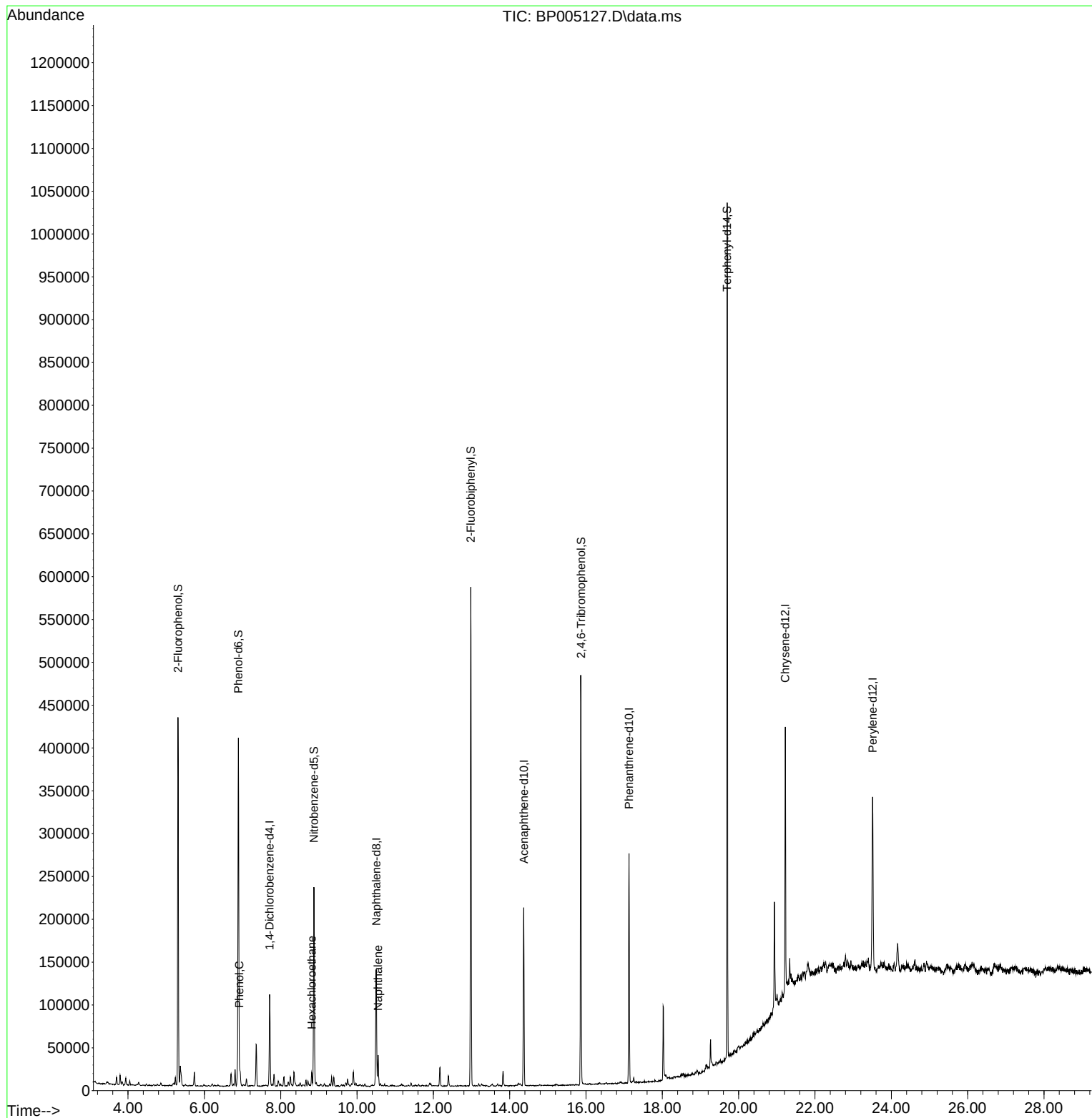
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	27843	20.00	ng	0.00
21) Naphthalene-d8	10.504	136	106790	20.00	ng	# 0.00
39) Acenaphthene-d10	14.369	164	69950	20.00	ng	0.00
64) Phenanthrene-d10	17.128	188	145369	20.00	ng	# 0.00
76) Chrysene-d12	21.222	240	137489	20.00	ng	-0.01
86) Perylene-d12	23.510	264	142400	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	173200	95.73	ng	0.00
7) Phenol-d6	6.893	99	224789	86.74	ng	0.00
23) Nitrobenzene-d5	8.869	82	143154	57.52	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	82438	90.45	ng	0.00
45) 2-Fluorobiphenyl	12.981	172	283483	54.82	ng	0.00
79) Terphenyl-d14	19.698	244	429694	56.89	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.916	94	6753	2.54	ng	# 70
18) Hexachloroethane	8.816	117	1757	2.14	ng	# 1
31) Naphthalene	10.552	128	23171	3.84	ng	# 97

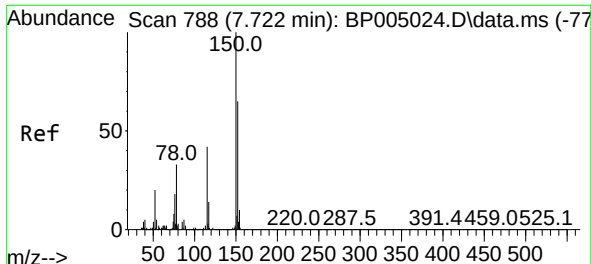
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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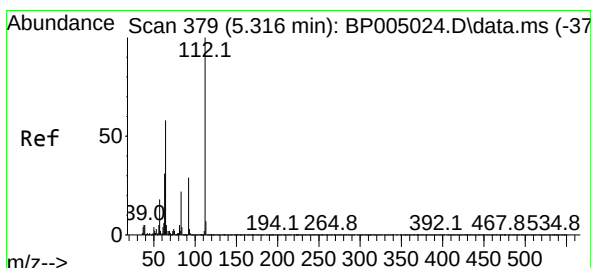
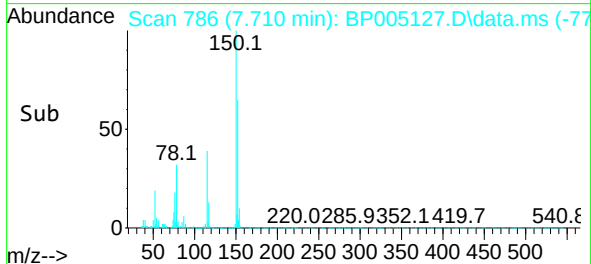
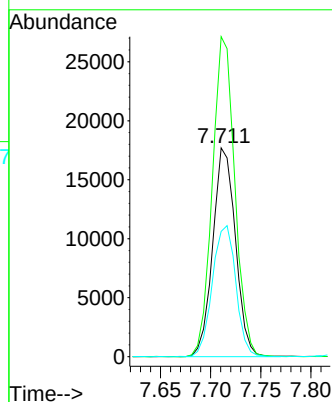
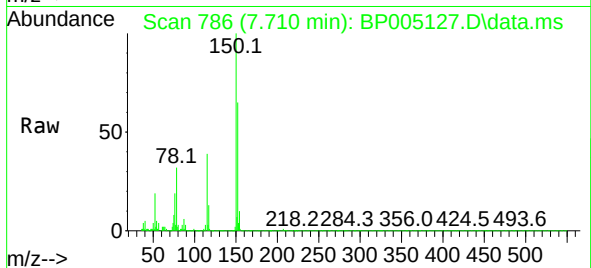




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

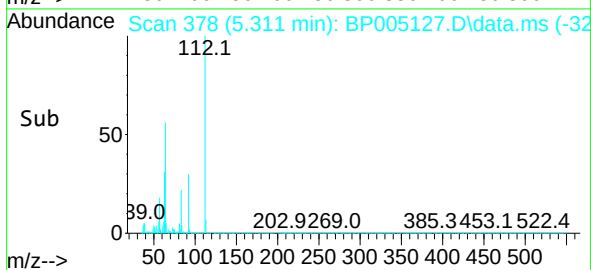
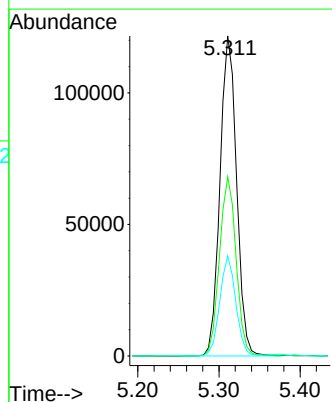
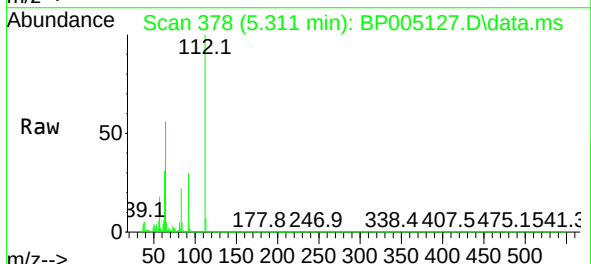
Instrument :
BNA_P
ClientSampleId :
B7-10-12

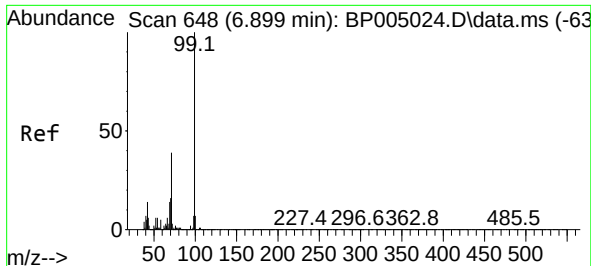
Tgt Ion:152 Resp: 27843
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.6
115 60.0 43.8 65.6



#5
2-Fluorophenol
Concen: 95.73 ng
RT: 5.311 min Scan# 378
Delta R.T. -0.000 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

Tgt Ion:112 Resp: 173200
Ion Ratio Lower Upper
112 100
64 56.0 32.8 49.2#
63 31.2 17.0 25.4#

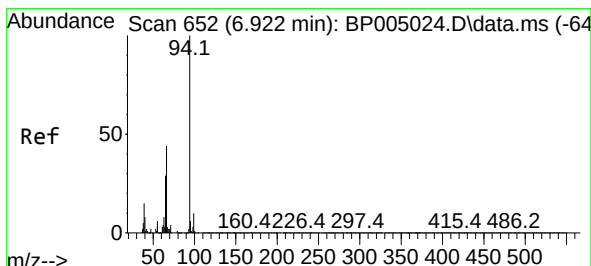
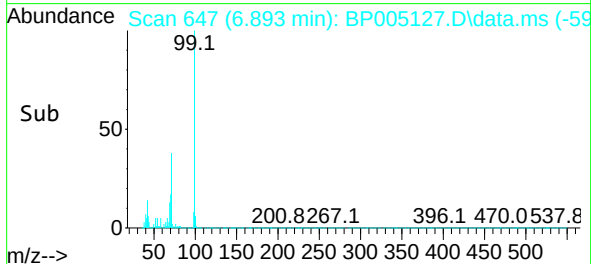
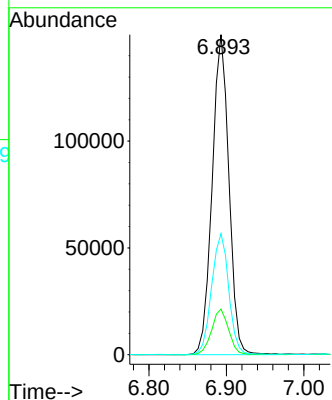
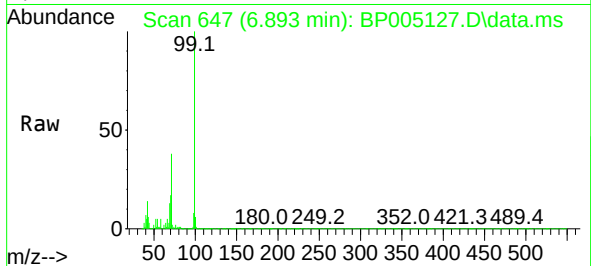




#7
Phenol-d6
Concen: 86.74 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

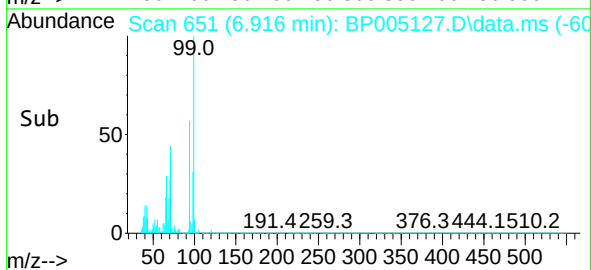
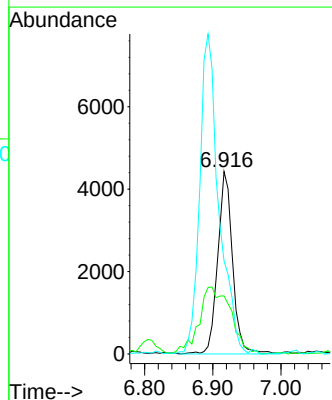
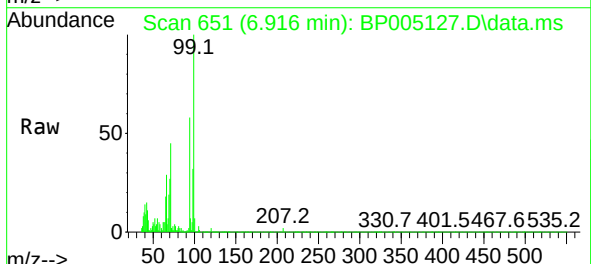
Instrument :
BNA_P
ClientSampleId :
B7-10-12

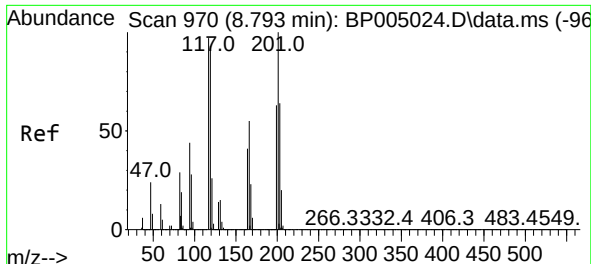
Tgt Ion: 99 Resp: 224789
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 37.9 23.4 35.2#



#10
Phenol
Concen: 2.54 ng
RT: 6.916 min Scan# 651
Delta R.T. -0.006 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

Tgt Ion: 94 Resp: 6753
Ion Ratio Lower Upper
94 100
65 31.8 2.3 42.3
66 51.1 10.9 50.9#

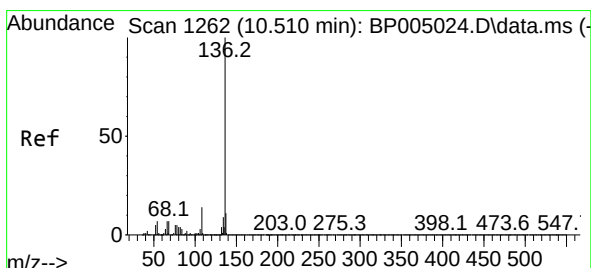
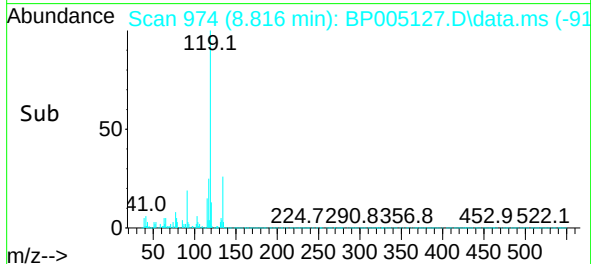
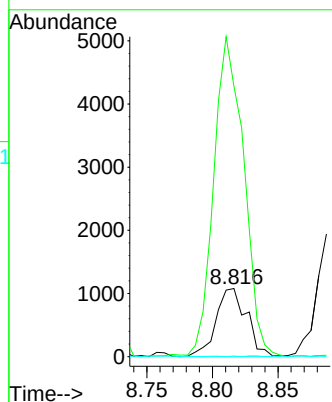
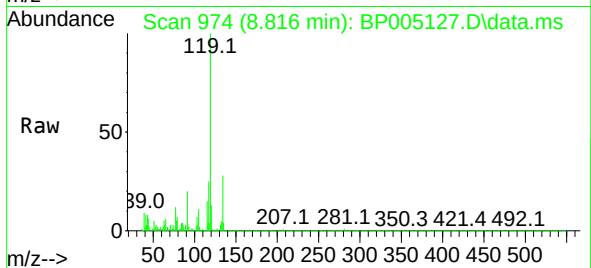




#18
Hexachloroethane
Concen: 2.14 ng
RT: 8.816 min Scan# 974
Delta R.T. 0.023 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

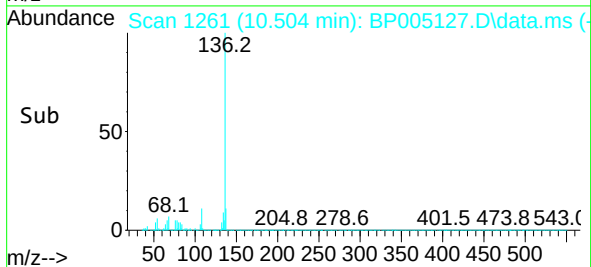
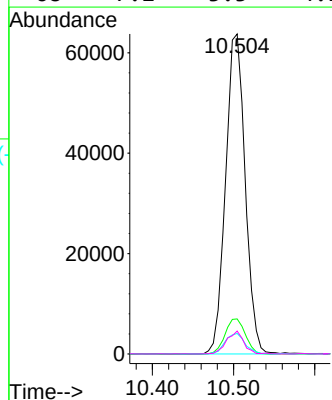
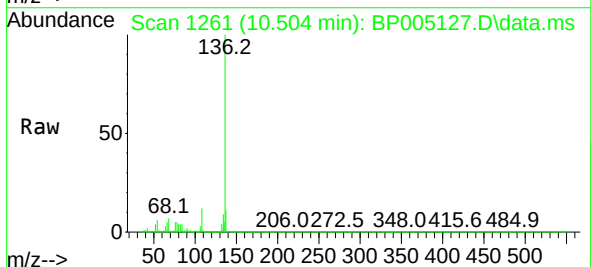
Instrument :
BNA_P
ClientSampleId :
B7-10-12

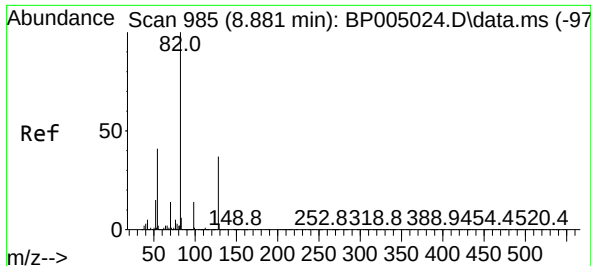
Tgt Ion:117 Resp: 1757
Ion Ratio Lower Upper
117 100
119 397.2 78.8 118.2#
201 0.8 92.3 138.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

Tgt Ion:136 Resp: 106790
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.4 3.6 5.4#
68 7.2 3.3 4.9#

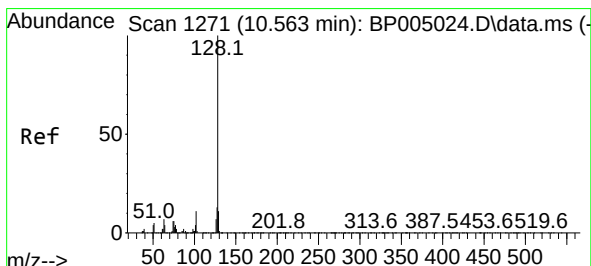
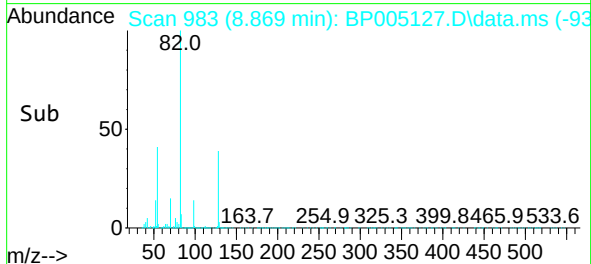
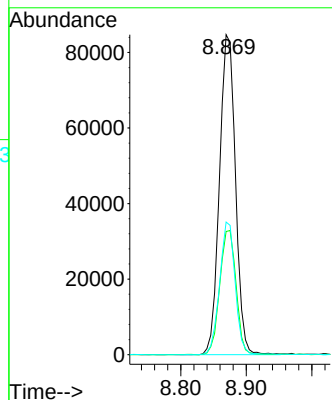
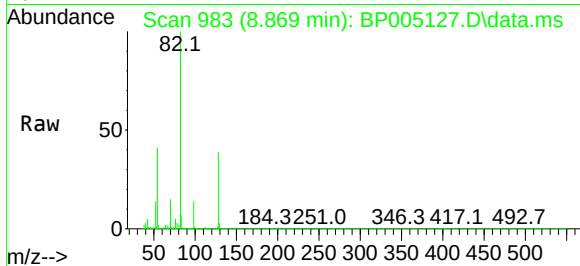




#23
Nitrobenzene-d5
Concen: 57.52 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

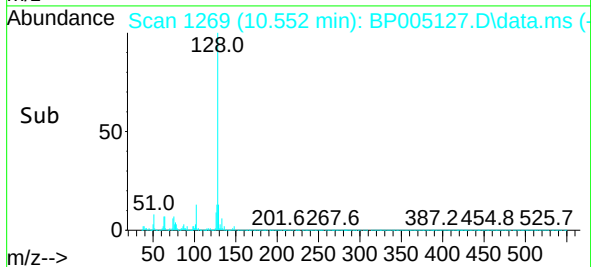
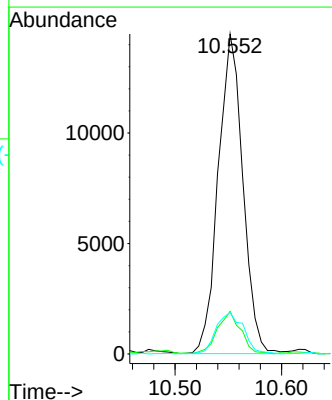
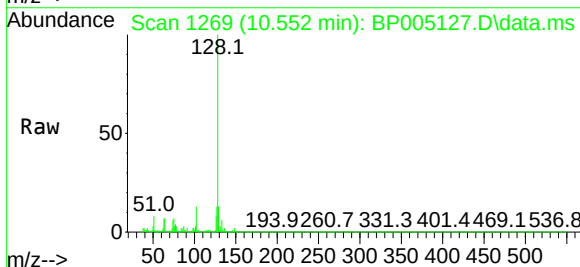
Instrument :
BNA_P
ClientSampleId :
B7-10-12

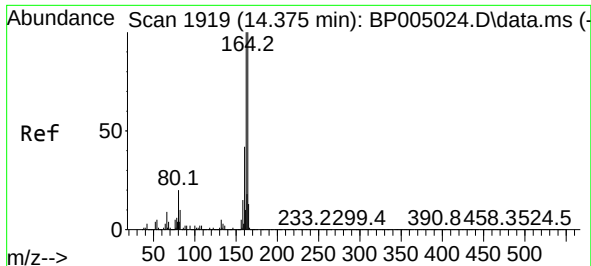
Tgt Ion: 82 Resp: 143154
Ion Ratio Lower Upper
82 100
128 38.5 45.6 68.4#
54 41.5 30.1 45.1



#31
Naphthalene
Concen: 3.84 ng
RT: 10.552 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

Tgt Ion: 128 Resp: 23171
Ion Ratio Lower Upper
128 100
129 13.3 8.8 13.2#
127 13.0 10.6 15.8

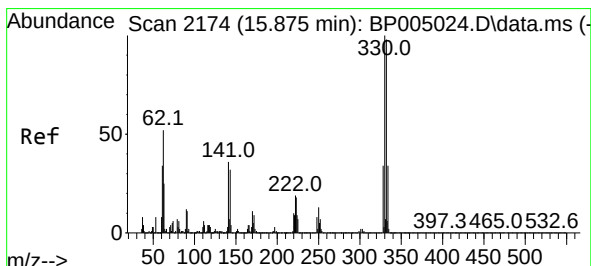
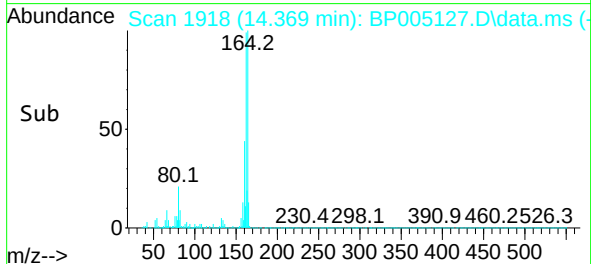
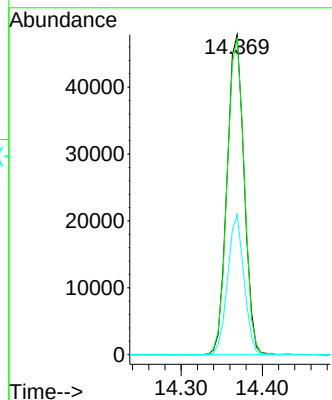
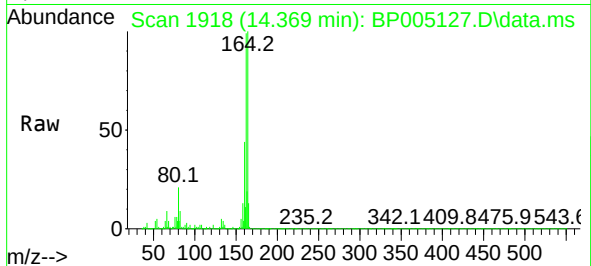




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

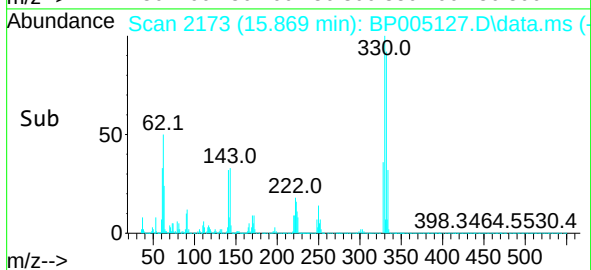
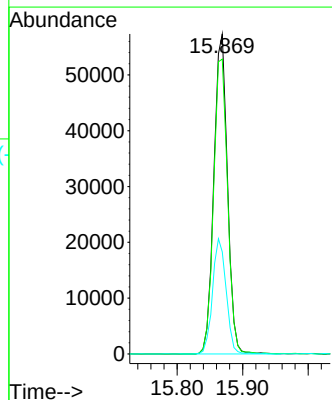
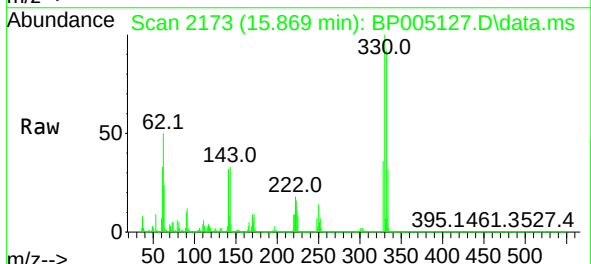
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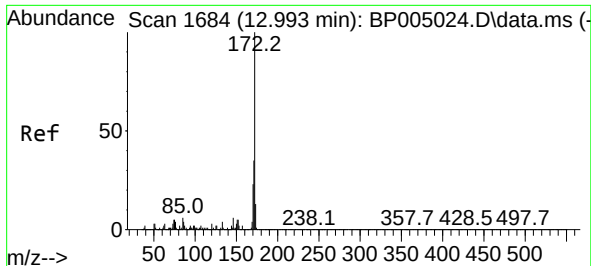
Tgt Ion:164 Resp: 69950
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.2
160 43.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 90.45 ng
RT: 15.869 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

Tgt Ion:330 Resp: 82438
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 36.1 23.4 35.2#

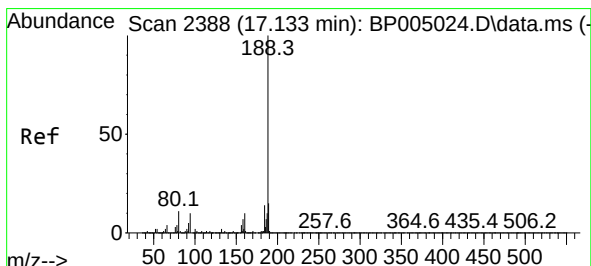
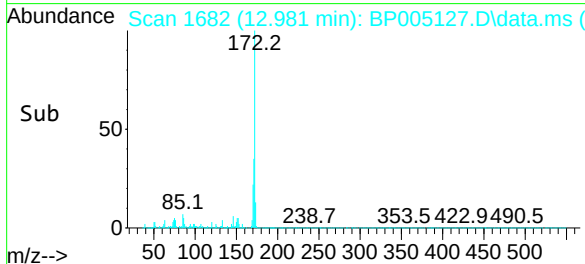
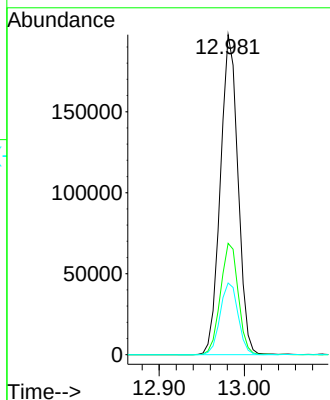
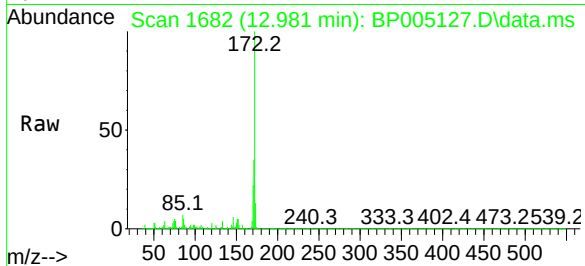




#45
2-Fluorobiphenyl
Concen: 54.82 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

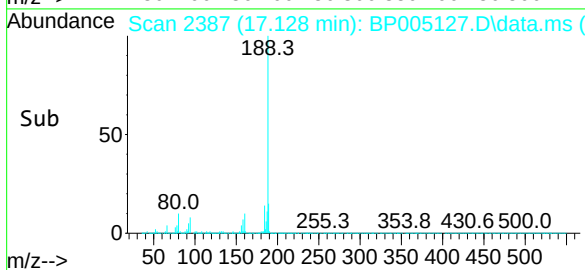
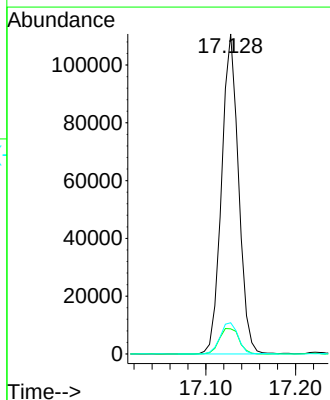
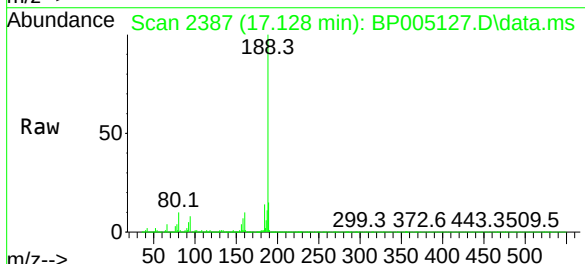
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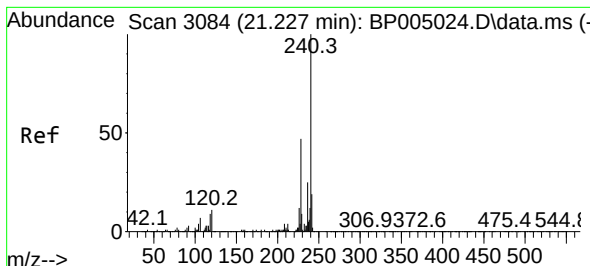
Tgt Ion:172 Resp: 283483
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.4 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.128 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BP005127.D
Acq: 31 Mar 2021 15:37

Tgt Ion:188 Resp: 145369
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 9.7 6.2 9.2#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.222 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BP005127.D

Acq: 31 Mar 2021 15:37

Tgt Ion:240 Resp: 137489

Ion Ratio Lower Upper

240 100

120 11.1 7.8 11.6

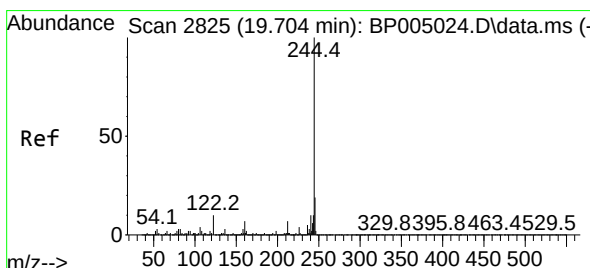
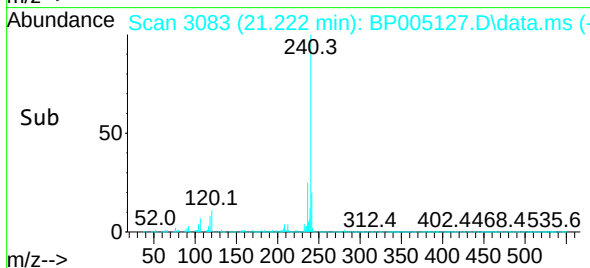
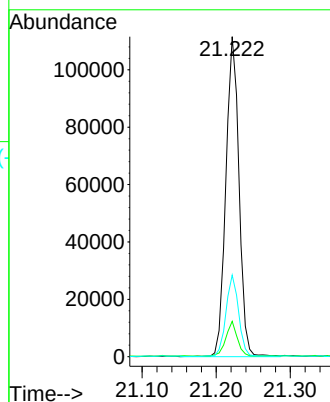
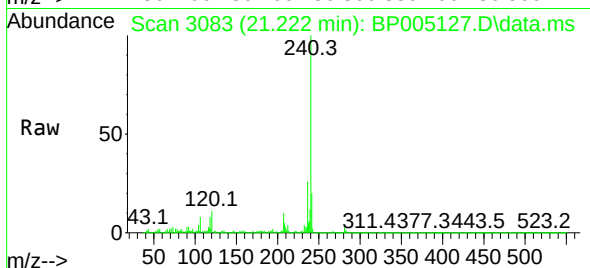
236 25.5 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

B7-10-12



#79

Terphenyl-d14

Concen: 56.89 ng

RT: 19.698 min Scan# 2824

Delta R.T. -0.012 min

Lab File: BP005127.D

Acq: 31 Mar 2021 15:37

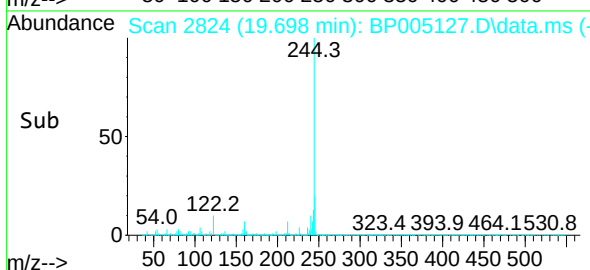
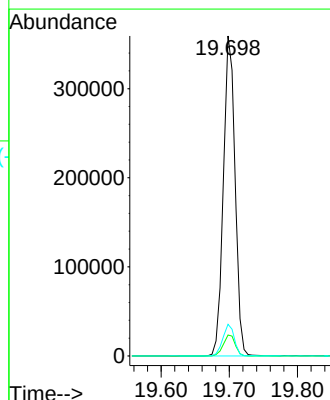
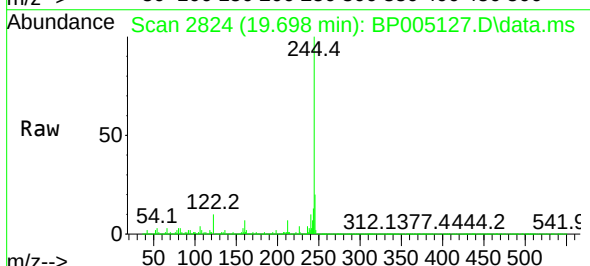
Tgt Ion:244 Resp: 429694

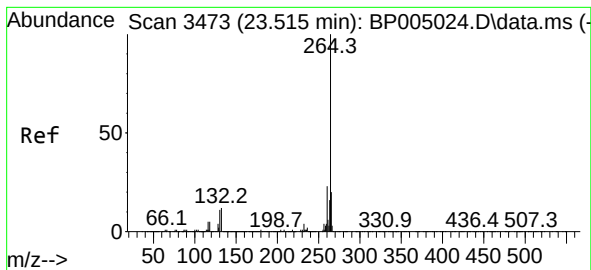
Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 9.9 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.510 min Scan# 3472
 Delta R.T. -0.012 min
 Lab File: BP005127.D
 Acq: 31 Mar 2021 15:37

Instrument :
 BNA_P
 ClientSampleId :
 B7-10-12

Tgt Ion:264 Resp: 142400
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 22.8 17.4 26.2

