

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
 Data File : BP007845.D
 Acq On : 04 Nov 2021 13:31
 Operator : CG/JU
 Sample : M4438-03 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FDR-20211101-WC-LM

Quant Time: Nov 07 11:12:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

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

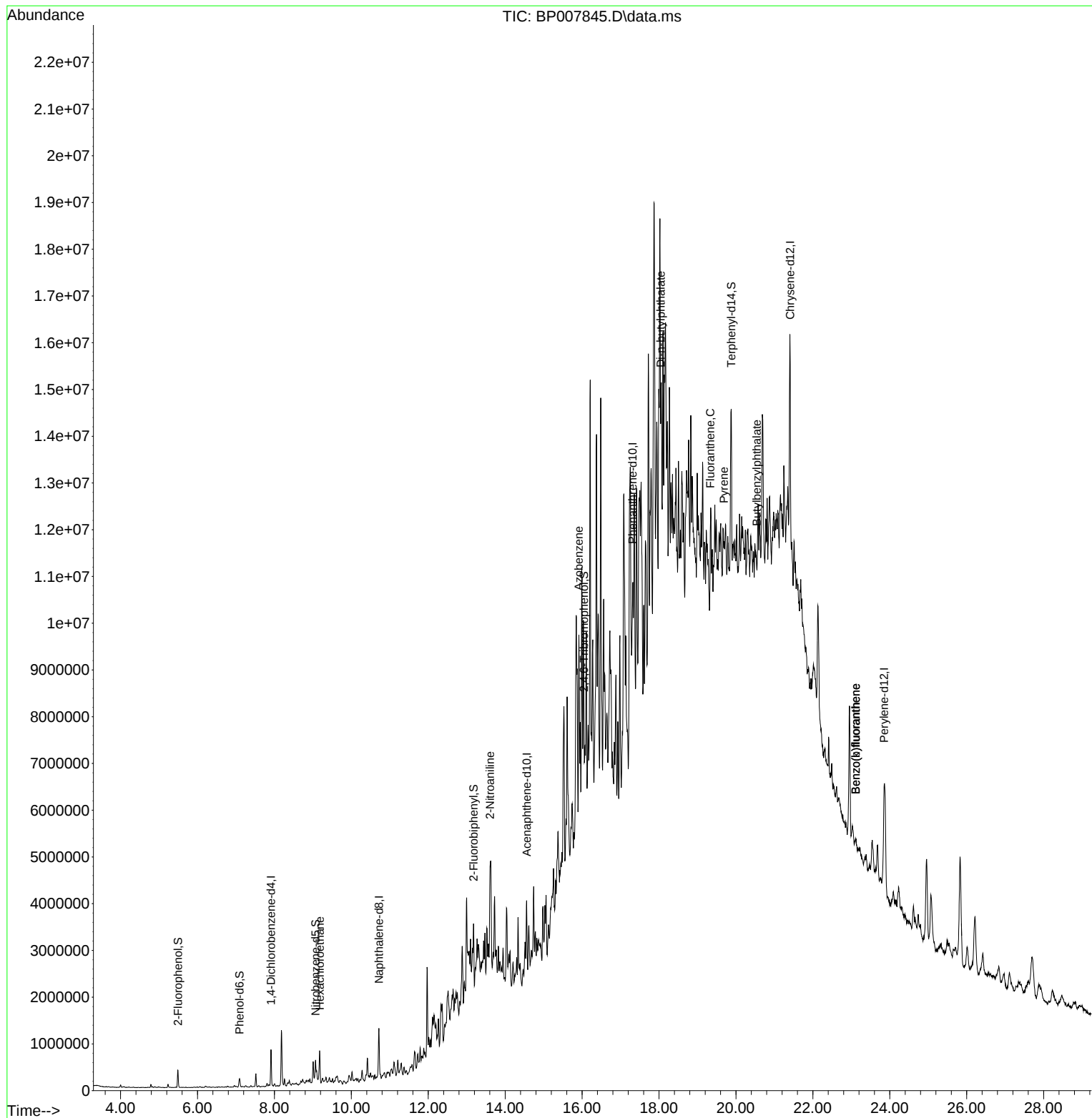
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	211403	20.000	ng	-0.01
21) Naphthalene-d8	10.716	136	788936	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	453418	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	895113	20.000	ng	0.00
76) Chrysene-d12	21.410	240	1013769	20.000	ng	0.00
86) Perylene-d12	23.851	264	1133743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	170798	13.702	ng	0.00
7) Phenol-d6	7.093	99	133778	7.415	ng	0.00
23) Nitrobenzene-d5	9.069	82	260824	17.759	ng	-0.02
42) 2,4,6-Tribromophenol	16.051	330	169308	26.164	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	590510	18.966	ng	-0.01
79) Terphenyl-d14	19.880	244	830665	16.685	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	336	Below Cal	#	1
18) Hexachloroethane	9.181	117	16248	3.010 ng	#	1
48) 2-Nitroaniline	13.610	65	18857	2.576 ng	#	30
63) Azobenzene	15.916	77	62311	2.173 ng	#	1
74) Di-n-butylphthalate	18.045	149	1002401	19.121 ng	#	81
75) Fluoranthene	19.333	202	135860	2.289 ng	#	1
78) Pyrene	19.686	202	125782	2.023 ng	#	1
80) Butylbenzylphthalate	20.545	149	56114	2.147 ng	#	1
88) Benzo(b)fluoranthene	23.110	252	164598	2.463 ng	#	1
89) Benzo(k)fluoranthene	23.110	252	164598	2.482 ng	#	1

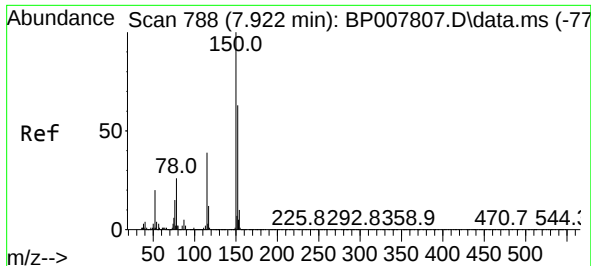
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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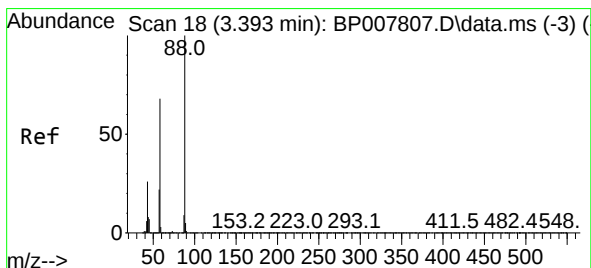
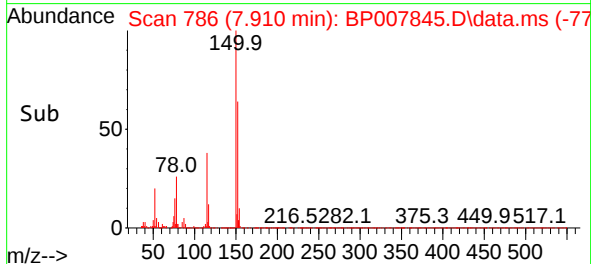
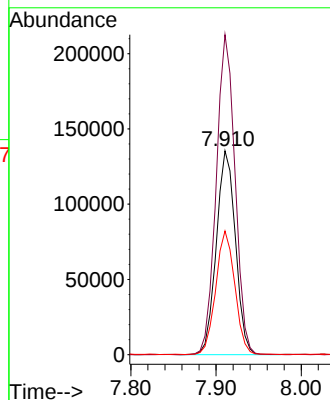
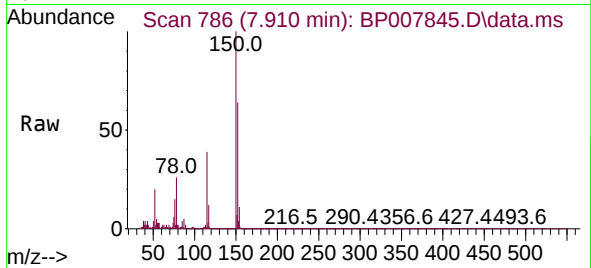




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

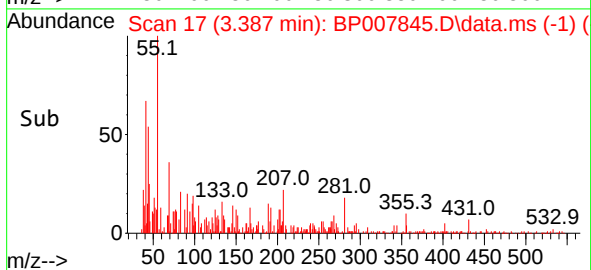
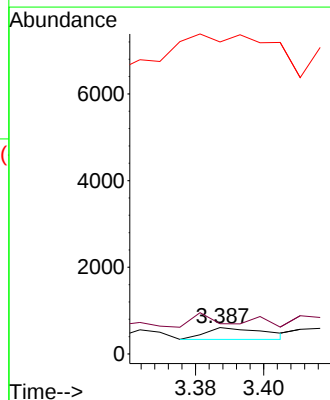
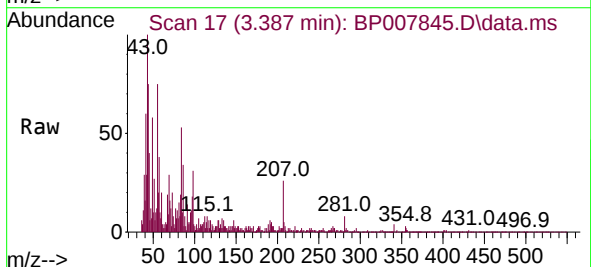
Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LM

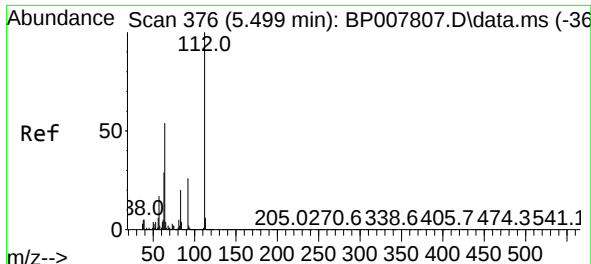
Tgt Ion:152 Resp: 211403
Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 60.7 48.1 72.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.387 min Scan# 17
Delta R.T. -0.006 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

Tgt Ion: 88 Resp: 336
Ion Ratio Lower Upper
88 100
58 52.4 58.1 87.1#
43 553.3 22.2 33.4#

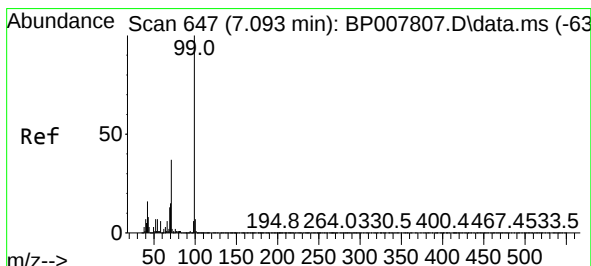
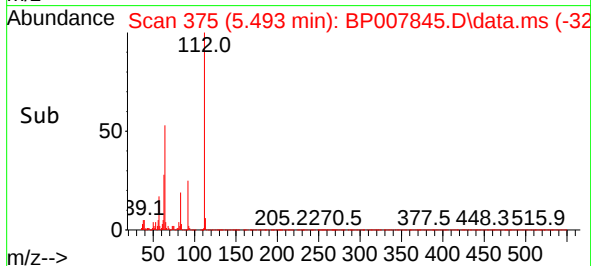
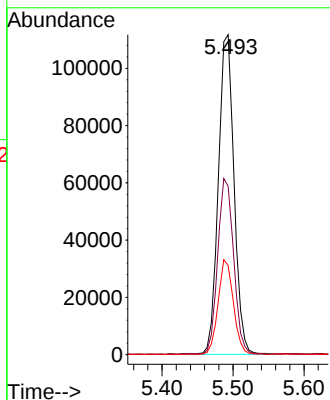
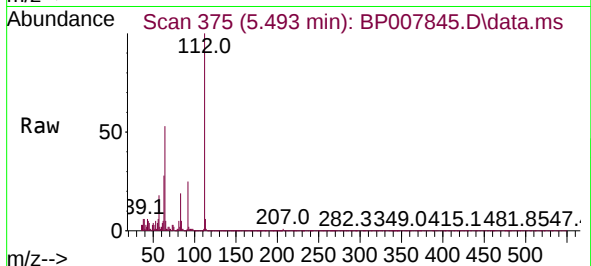




#5
2-Fluorophenol
Concen: 13.702 ng
RT: 5.493 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

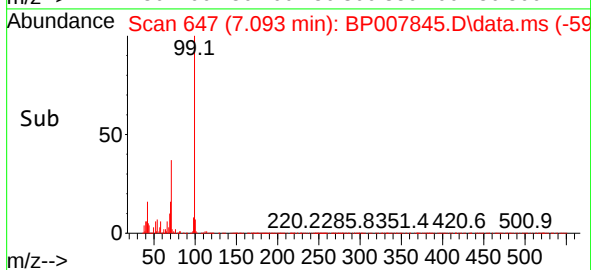
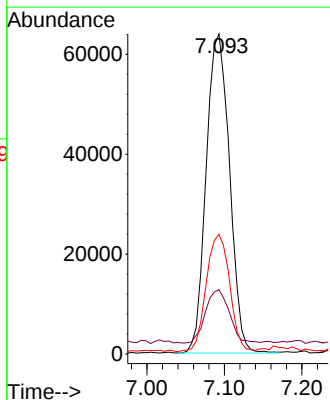
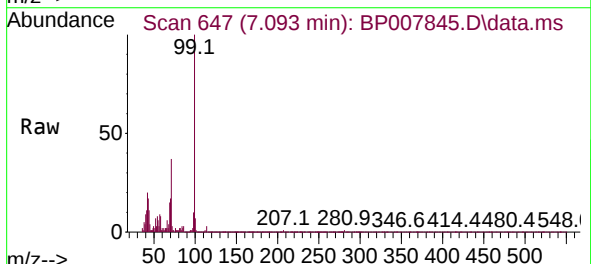
Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LM

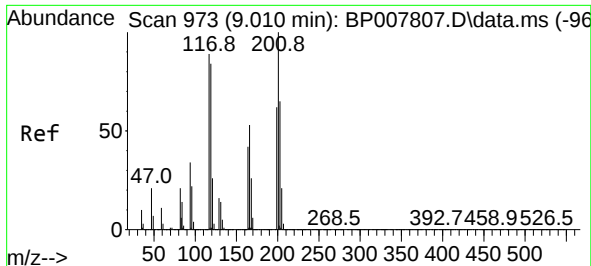
Tgt Ion:112 Resp: 170798
Ion Ratio Lower Upper
112 100
64 52.7 46.6 70.0
63 27.9 25.0 37.6



#7
Phenol-d6
Concen: 7.415 ng
RT: 7.093 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

Tgt Ion: 99 Resp: 133778
Ion Ratio Lower Upper
99 100
42 20.1 14.9 22.3
71 37.4 29.2 43.8

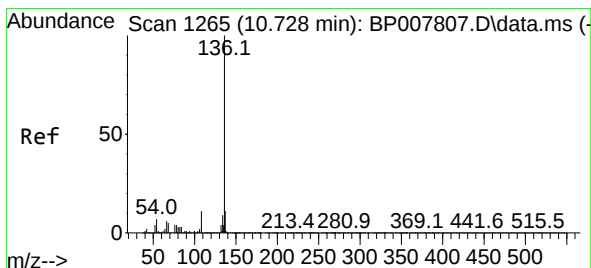
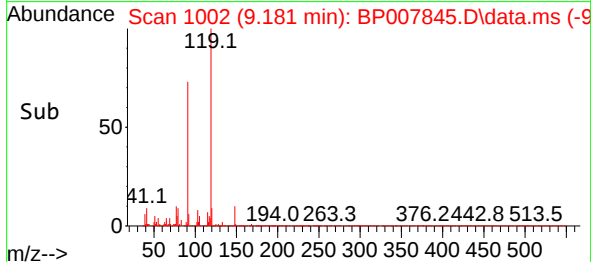
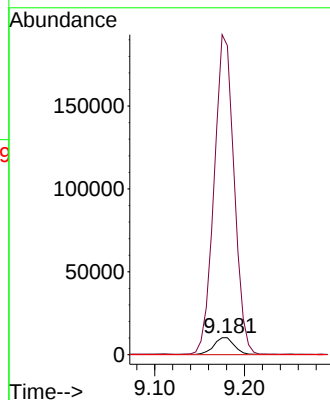
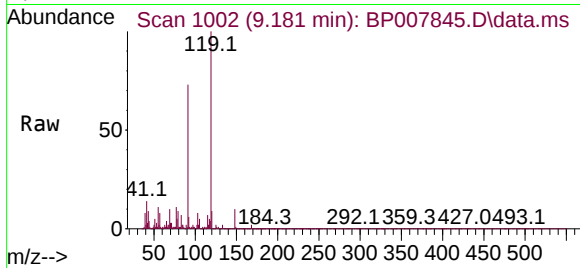




#18
Hexachloroethane
Concen: 3.010 ng
RT: 9.181 min Scan# 10
Delta R.T. 0.171 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

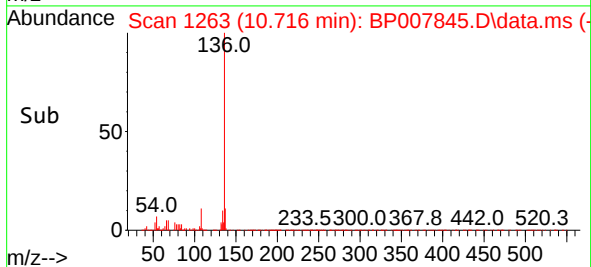
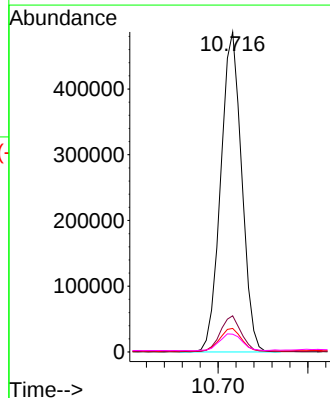
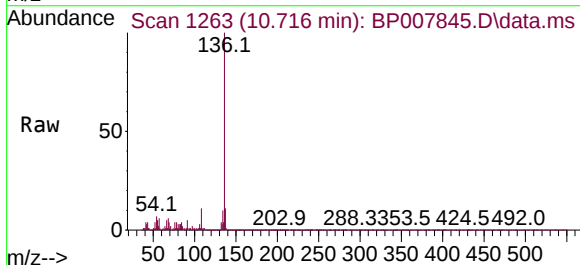
Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LM

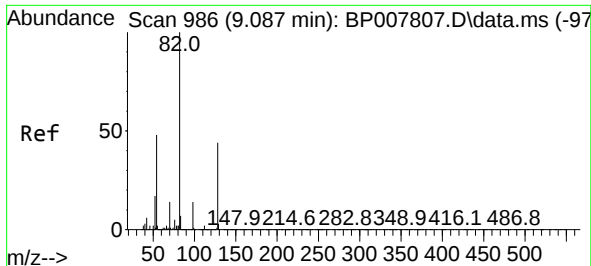
Tgt Ion:117 Resp: 16248
Ion Ratio Lower Upper
117 100
119 1826.9 77.6 116.4#
201 0.1 82.9 124.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

Tgt Ion:136 Resp: 788936
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.3 6.2 9.4
68 5.5 4.7 7.1

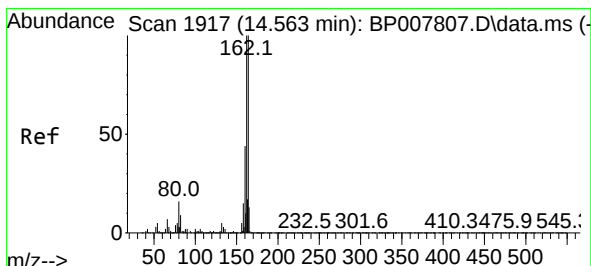
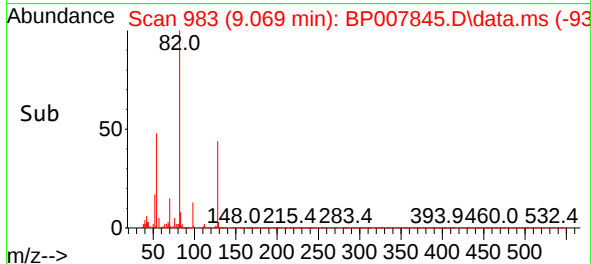
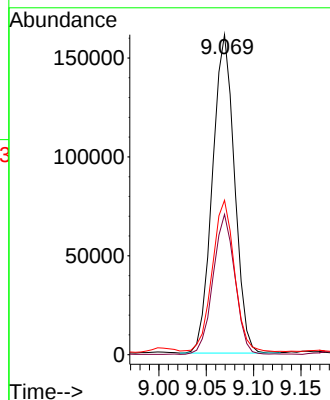
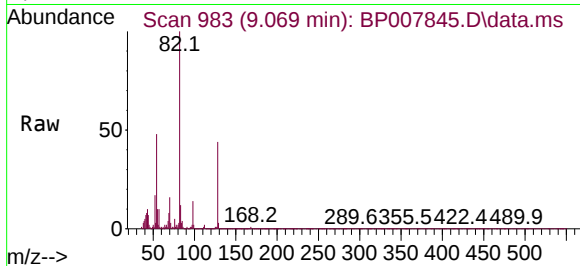




#23
Nitrobenzene-d5
Concen: 17.759 ng
RT: 9.069 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

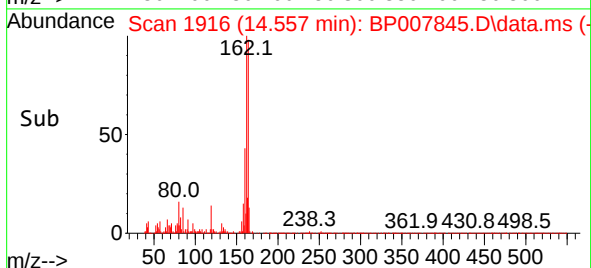
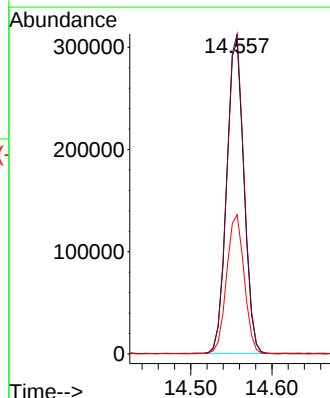
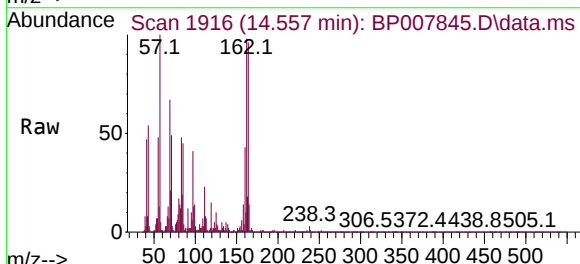
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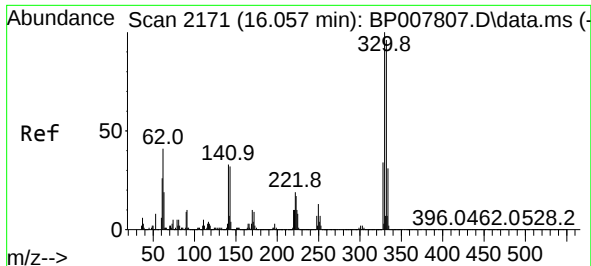
Tgt Ion: 82 Resp: 260824
Ion Ratio Lower Upper
82 100
128 43.8 32.6 48.8
54 48.2 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

Tgt Ion: 164 Resp: 453418
Ion Ratio Lower Upper
164 100
162 102.2 81.1 121.7
160 44.5 36.0 54.0

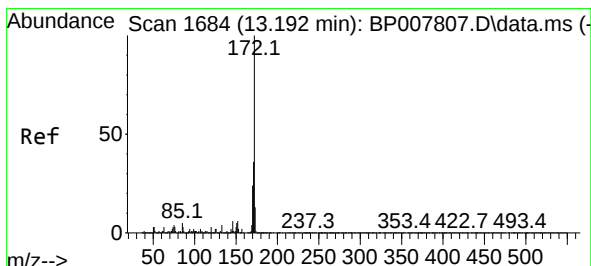
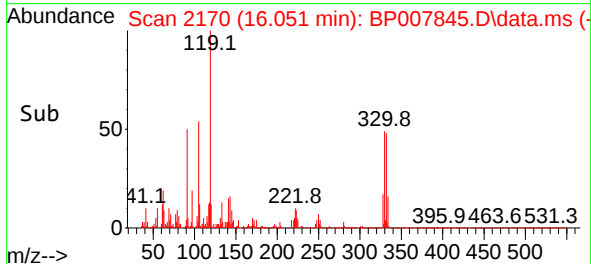
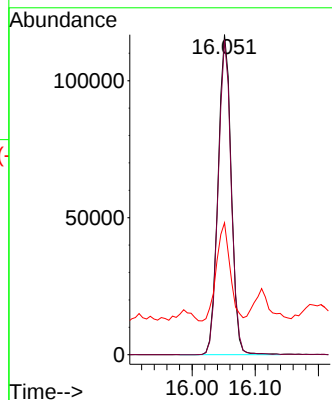
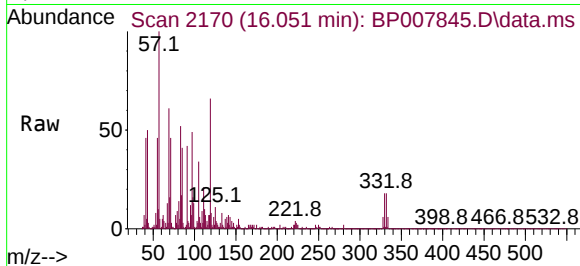




#42
2,4,6-Tribromophenol
Concen: 26.164 ng
RT: 16.051 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

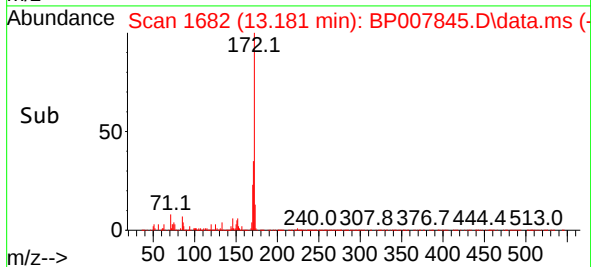
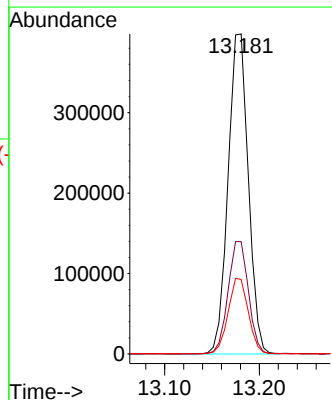
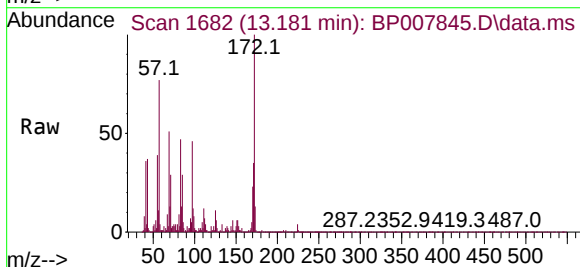
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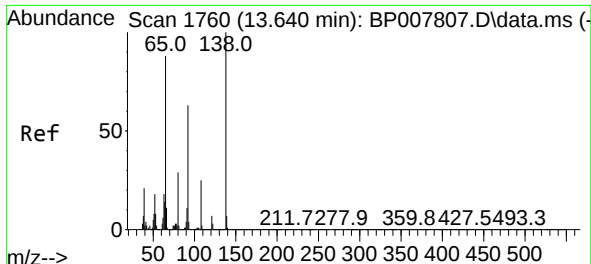
Tgt Ion: 330 Resp: 169308
Ion Ratio Lower Upper
330 100
332 97.4 78.9 118.3
141 31.7 30.7 46.1



#45
2-Fluorobiphenyl
Concen: 18.966 ng
RT: 13.181 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

Tgt Ion: 172 Resp: 590510
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.3 19.0 28.4

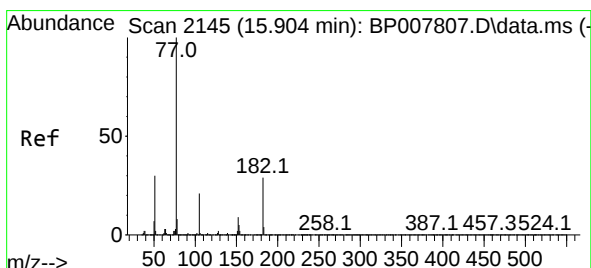
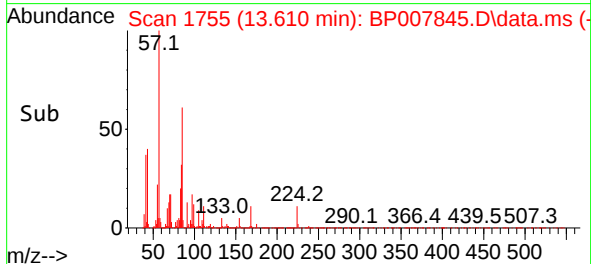
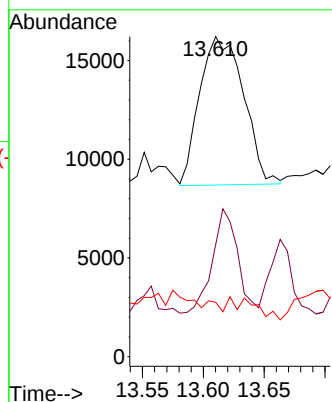
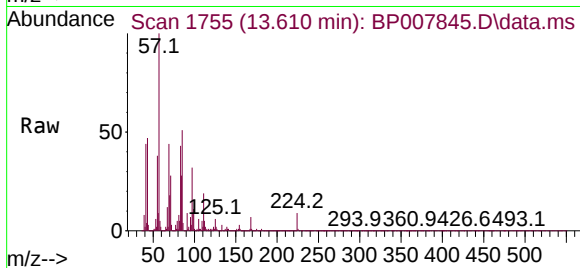




#48
2-Nitroaniline
Concen: 2.576 ng
RT: 13.610 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

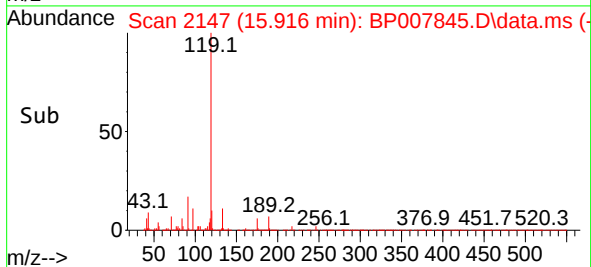
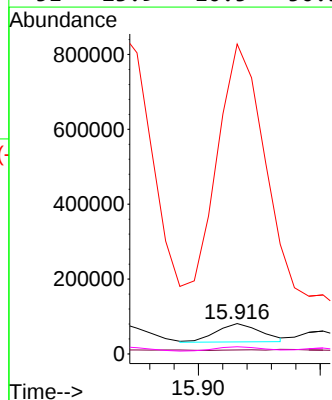
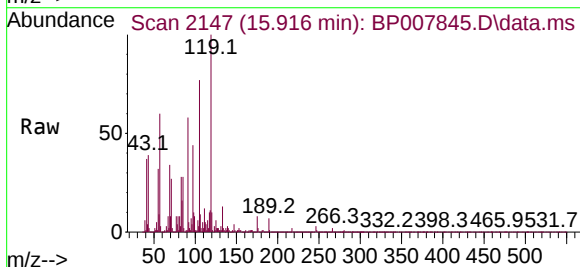
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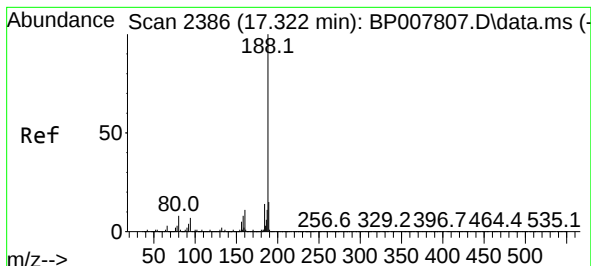
Tgt Ion: 65 Resp: 18857
Ion Ratio Lower Upper
65 100
92 35.0 55.9 83.9#
138 17.0 86.3 129.5#



#63
Azobenzene
Concen: 2.173 ng
RT: 15.916 min Scan# 2147
Delta R.T. 0.012 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

Tgt Ion: 77 Resp: 62311
Ion Ratio Lower Upper
77 100
182 13.1 6.5 46.5
105 1021.7 1.3 41.3#
51 23.9 10.5 50.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP007845.D

Acq: 04 Nov 2021 13:31

Instrument :

BNA_P

ClientSampleId :

FDR-20211101-WC-LM

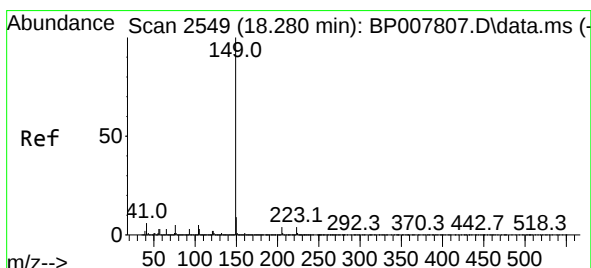
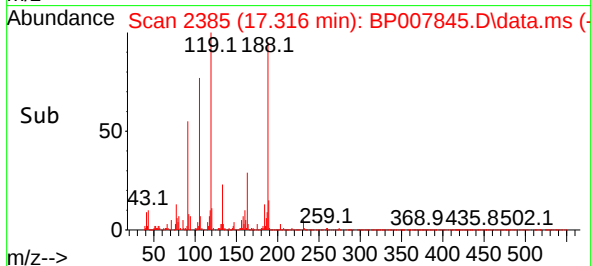
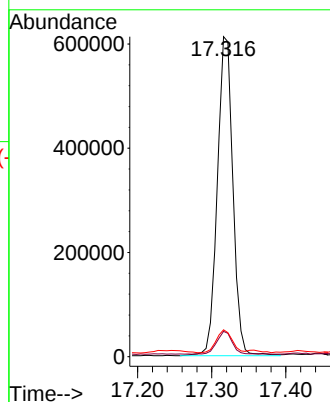
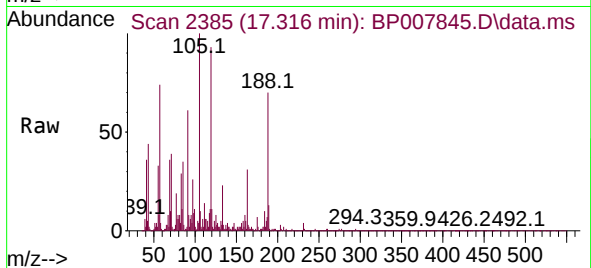
Tgt Ion:188 Resp: 895113

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

80 8.4 7.8 11.6



#74

Di-n-butylphthalate

Concen: 19.121 ng

RT: 18.045 min Scan# 2509

Delta R.T. -0.235 min

Lab File: BP007845.D

Acq: 04 Nov 2021 13:31

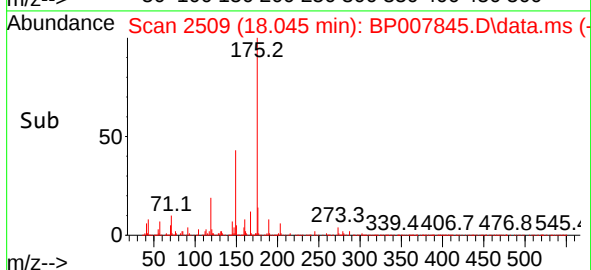
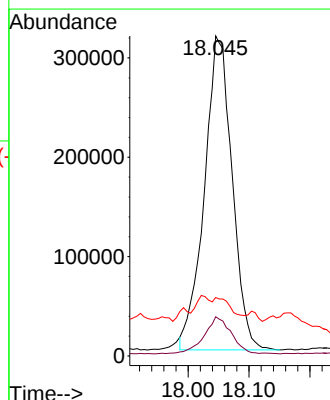
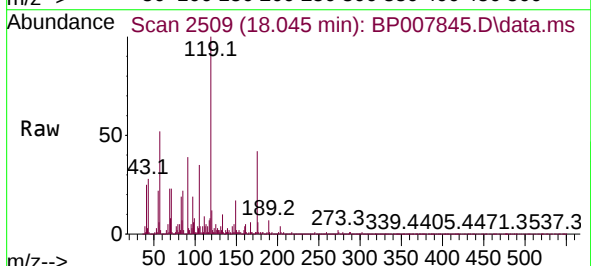
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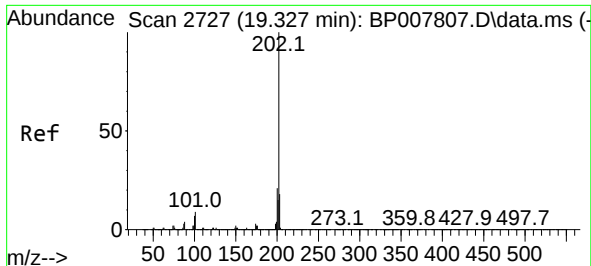
Ion Ratio Lower Upper

149 100

150 12.3 7.6 11.4#

104 18.3 4.2 6.4#

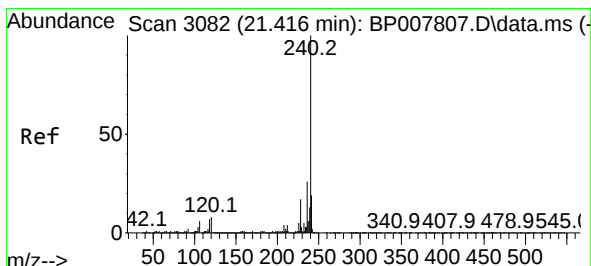
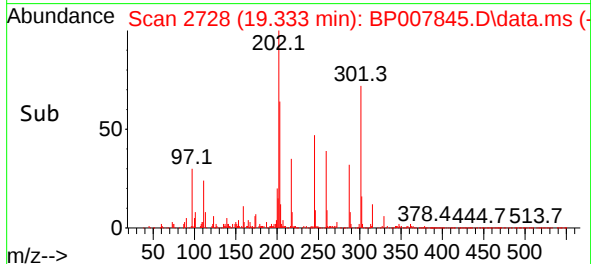
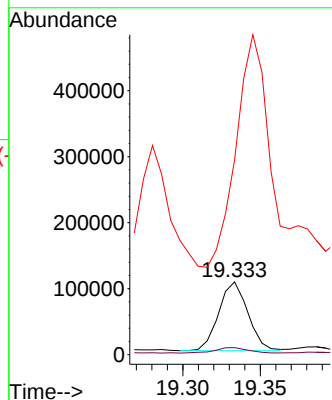
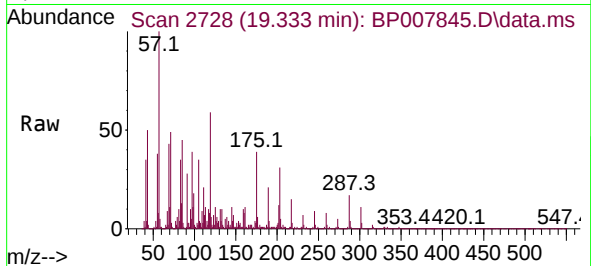




#75
Fluoranthene
Concen: 2.289 ng
RT: 19.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

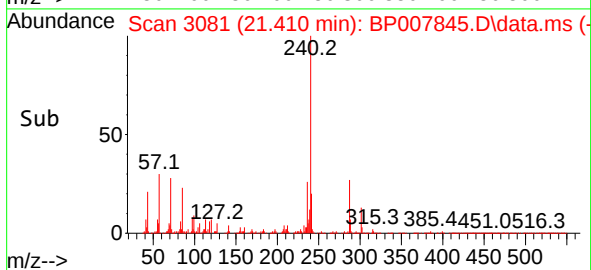
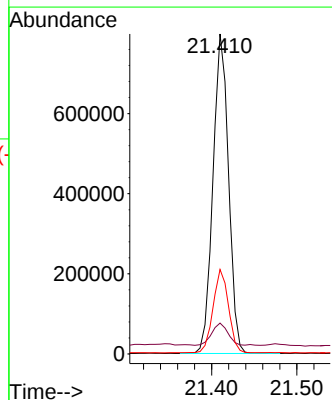
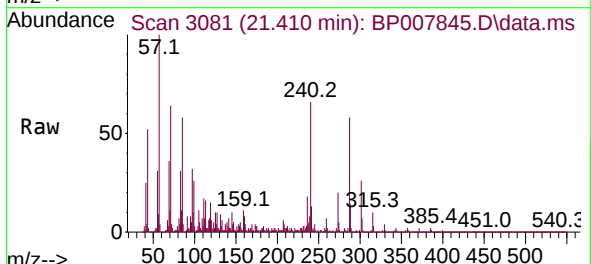
Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LM

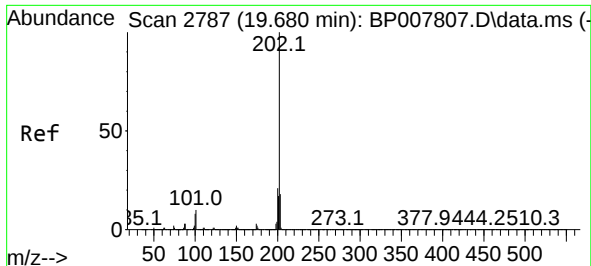
Tgt Ion:202 Resp: 135860
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.4
203 267.6 0.0 37.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

Tgt Ion:240 Resp: 1013769
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.8
236 26.4 20.6 30.8

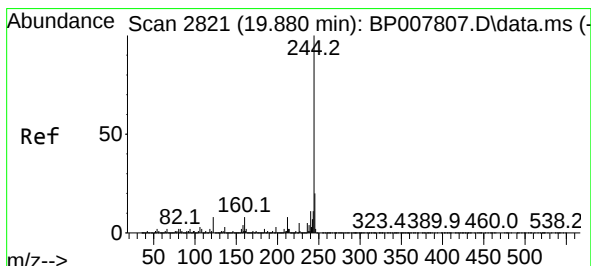
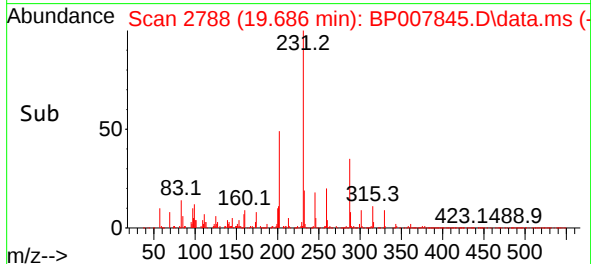
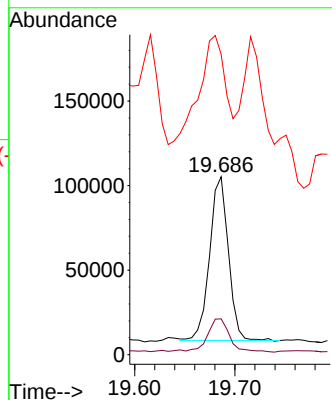
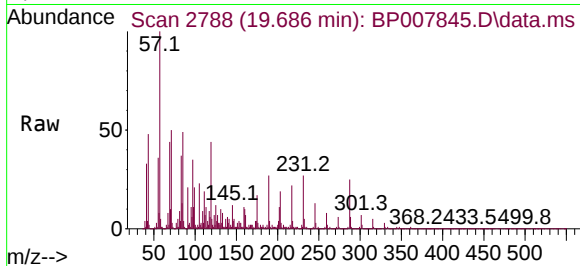




#78
Pyrene
Concen: 2.023 ng
RT: 19.686 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

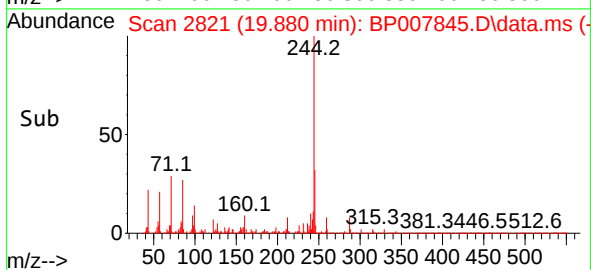
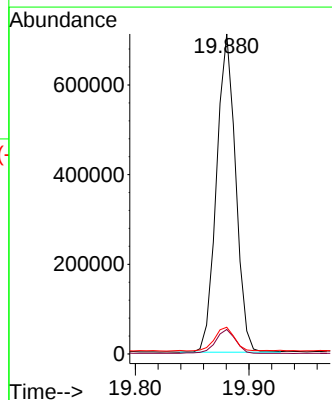
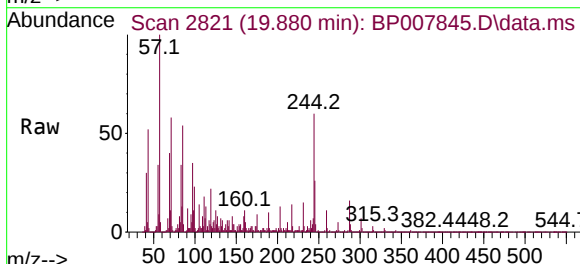
Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LM

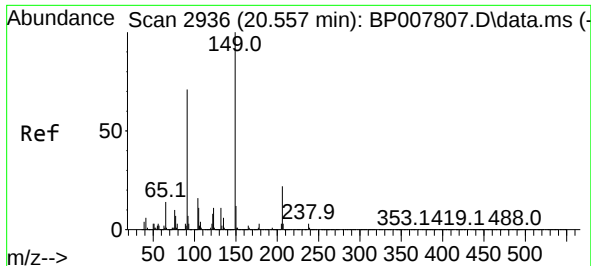
Tgt Ion:202 Resp: 125782
Ion Ratio Lower Upper
202 100
200 20.1 16.9 25.3
203 168.8 13.8 20.6#



#79
Terphenyl-d14
Concen: 16.685 ng
RT: 19.880 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

Tgt Ion:244 Resp: 830665
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 8.3 7.8 11.8

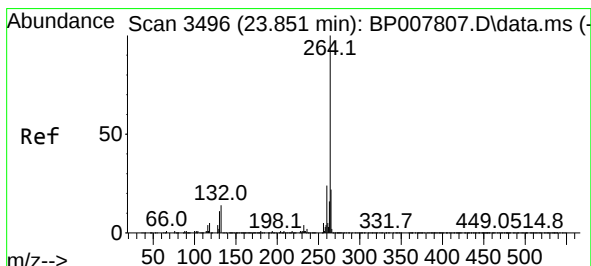
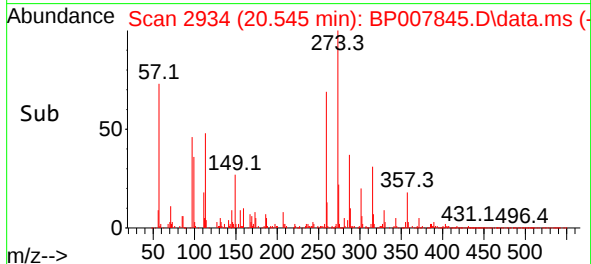
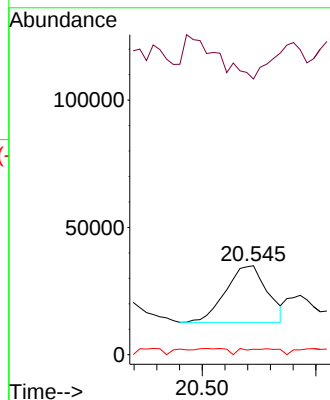
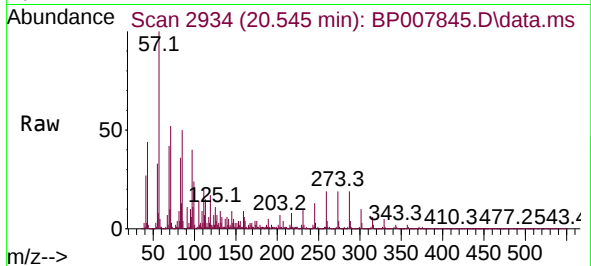




#80
Butylbenzylphthalate
Concen: 2.147 ng
RT: 20.545 min Scan# 2936
Delta R.T. -0.012 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

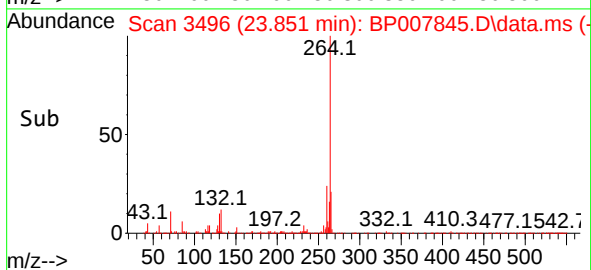
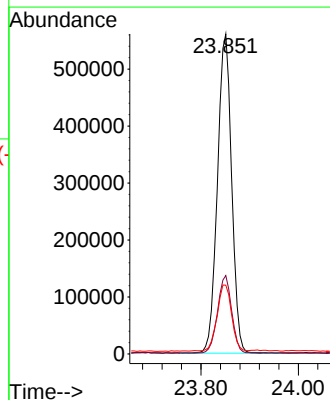
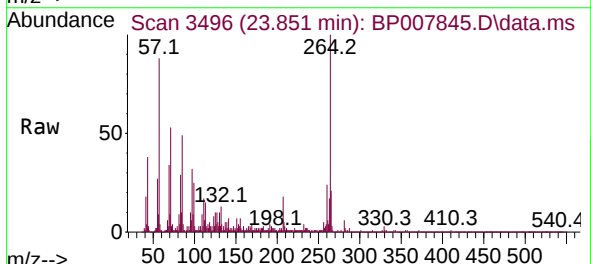
Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LM

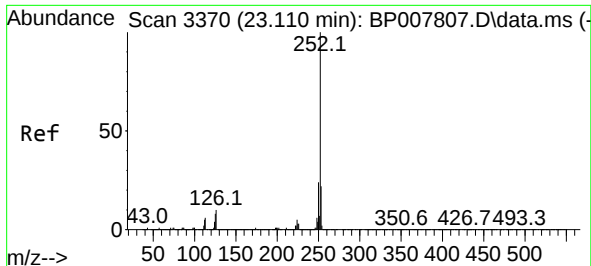
Tgt Ion:149 Resp: 56114
Ion Ratio Lower Upper
149 100
91 309.9 56.6 85.0#
206 6.2 17.4 26.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.851 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

Tgt Ion:264 Resp: 1133743
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 21.5 16.7 25.1

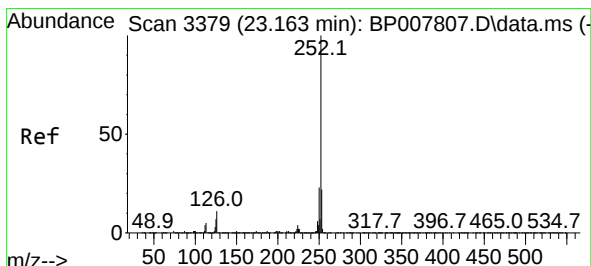
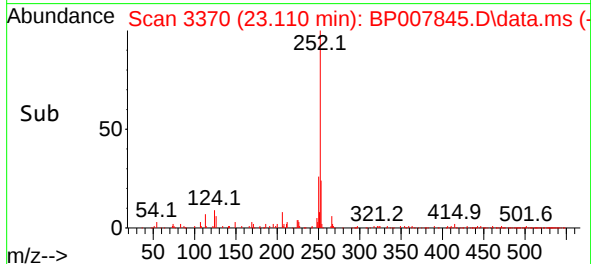
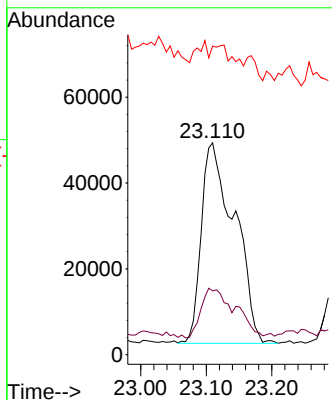
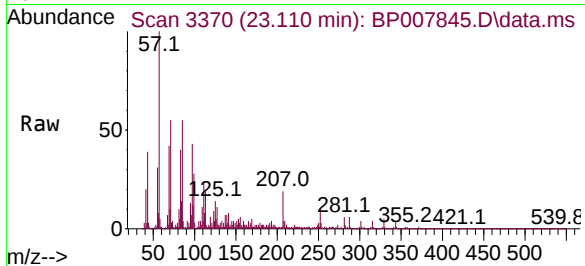




#88
Benzo(b)fluoranthene
Concen: 2.463 ng
RT: 23.110 min Scan# 3370
Delta R.T. 0.000 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

Instrument :
BNA_P
ClientSampleId :
FDR-20211101-WC-LM

Tgt Ion:252 Resp: 164598
Ion Ratio Lower Upper
252 100
253 30.1 17.4 26.2#
125 145.7 7.4 11.0#



#89
Benzo(k)fluoranthene
Concen: 2.482 ng
RT: 23.110 min Scan# 3370
Delta R.T. -0.053 min
Lab File: BP007845.D
Acq: 04 Nov 2021 13:31

Tgt Ion:252 Resp: 164598
Ion Ratio Lower Upper
252 100
253 30.1 17.6 26.4#
125 145.7 7.4 11.0#

