

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120821\
 Data File : BP008300.D
 Acq On : 09 Dec 2021 03:09
 Operator : CG/JU
 Sample : M4959-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Dec 09 05:49:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 01:43:36 2021
 Response via : Initial Calibration

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

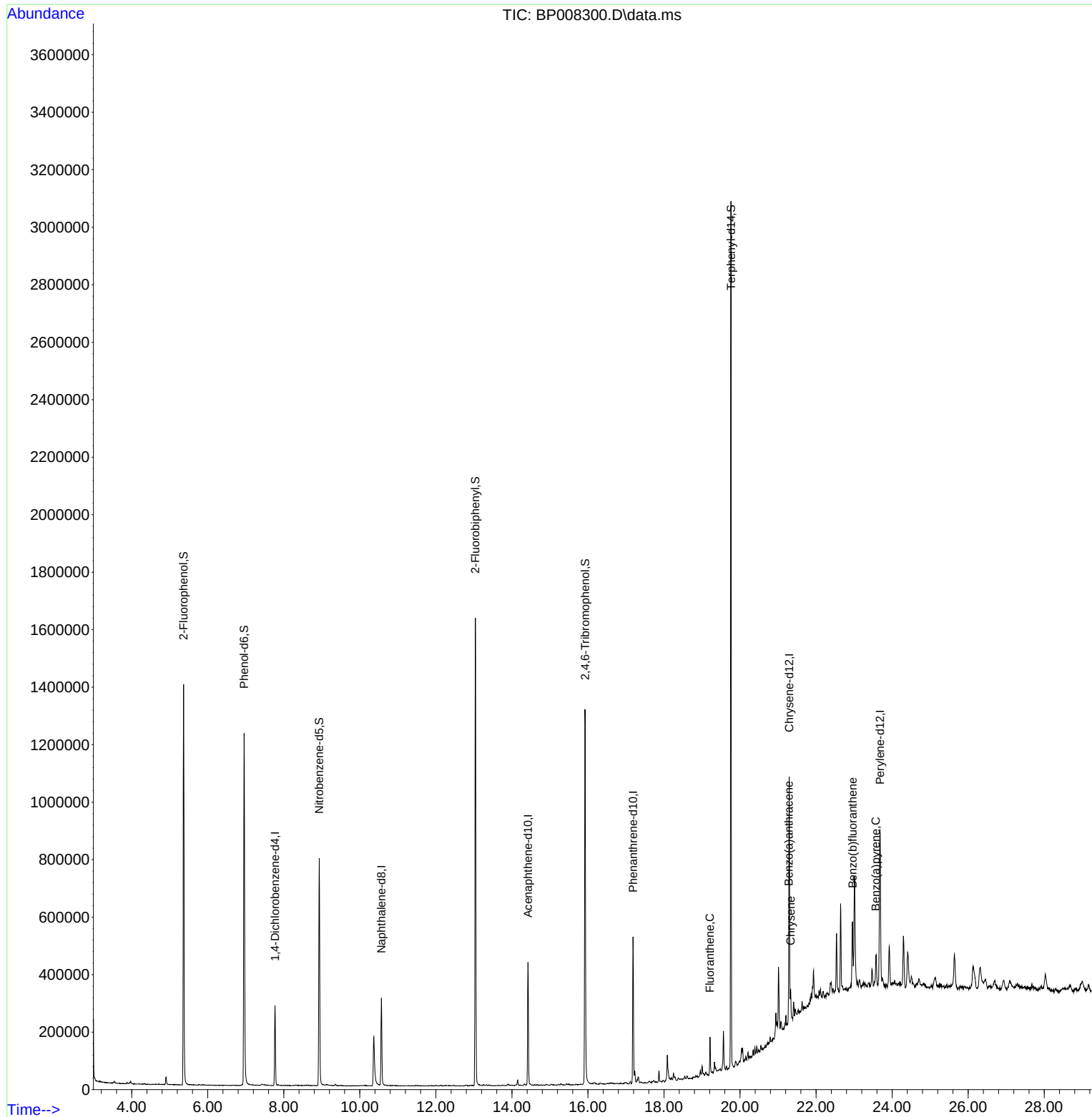
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	69039	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	240595	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	142858	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	310049	20.000	ng	0.00
76) Chrysene-d12	21.292	240	383112	20.000	ng	0.00
86) Perylene-d12	23.680	264	429470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	540371	126.023	ng	0.00
7) Phenol-d6	6.957	99	677398	117.028	ng	0.00
23) Nitrobenzene-d5	8.934	82	470158	88.861	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	248047	135.844	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	819185	83.292	ng	0.00
79) Terphenyl-d14	19.763	244	1343646	73.298	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.210	202	65550	2.972	ng	97
81) Benzo(a)anthracene	21.280	228	55874	2.201	ng	98
83) Chrysene	21.333	228	68233	2.824	ng	97
88) Benzo(b)fluoranthene	22.963	252	105793	4.086	ng	# 94
90) Benzo(a)pyrene	23.574	252	61572	2.783	ng	# 93

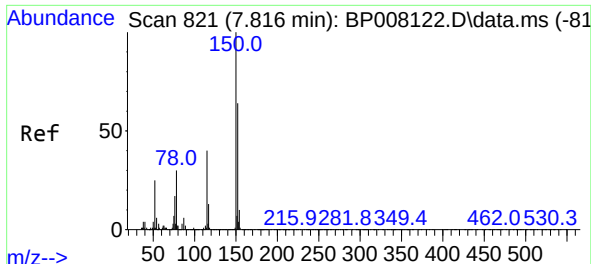
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 09 01:43:36 2021
Response via : Initial Calibration

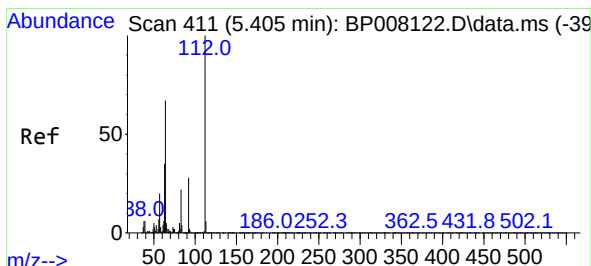
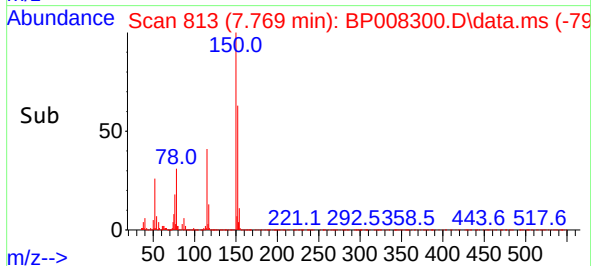
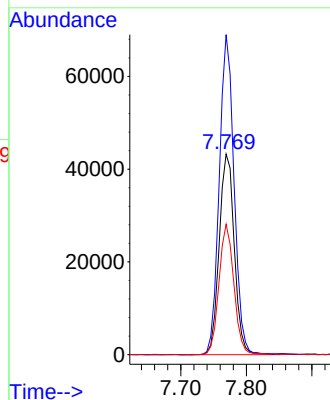
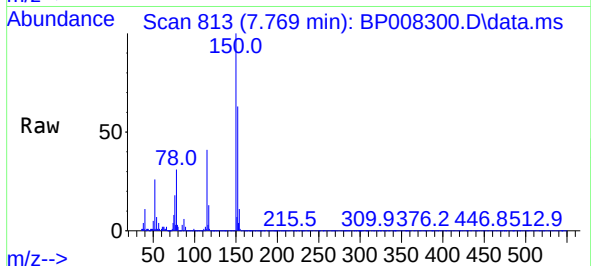




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

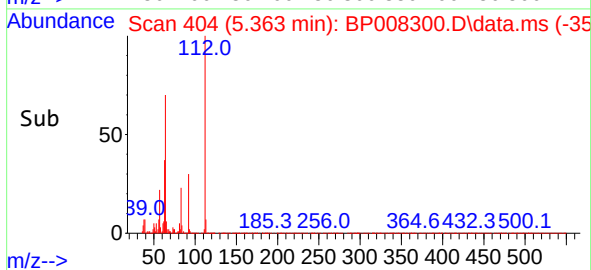
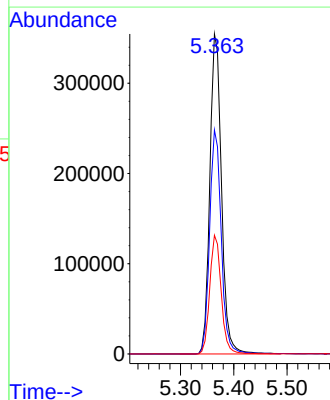
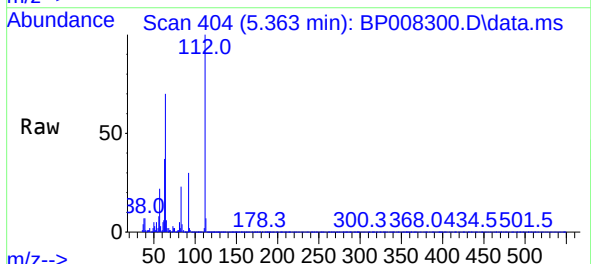
Instrument :
BNA_P
ClientSampleId :
TP-2

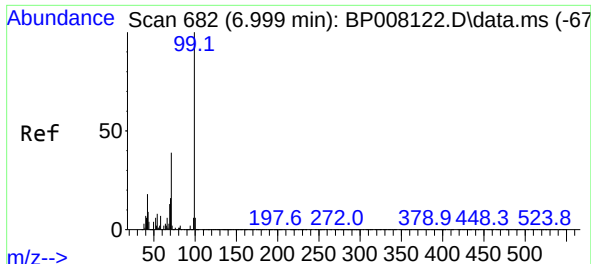
Tgt Ion:152 Resp: 69039
Ion Ratio Lower Upper
152 100
150 159.5 125.7 188.5
115 65.0 50.7 76.1



#5
2-Fluorophenol
Concen: 126.023 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:112 Resp: 540371
Ion Ratio Lower Upper
112 100
64 70.0 53.4 80.2
63 37.1 27.8 41.8

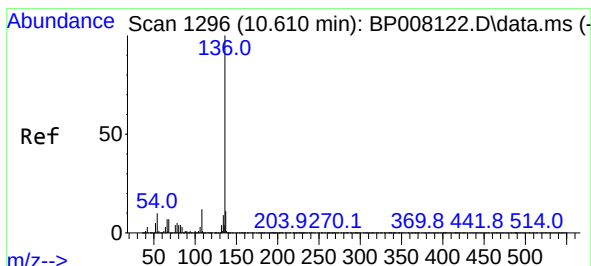
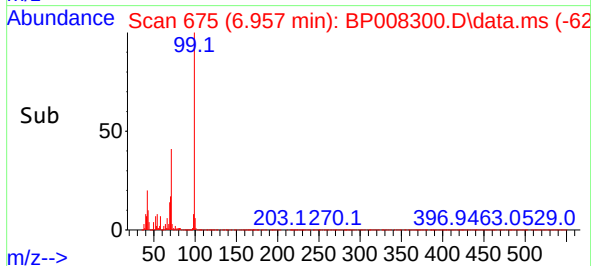
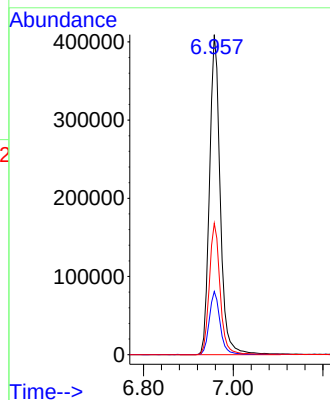
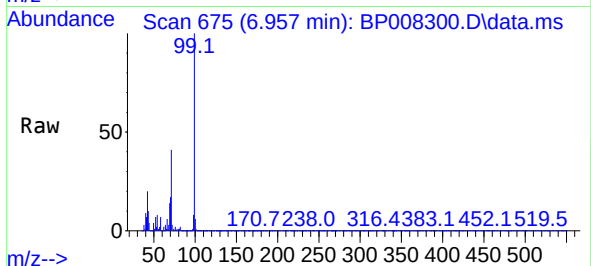




#7
Phenol-d6
Concen: 117.028 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

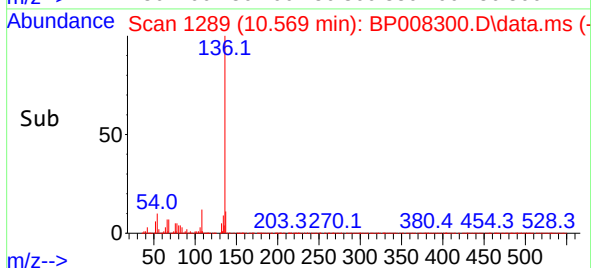
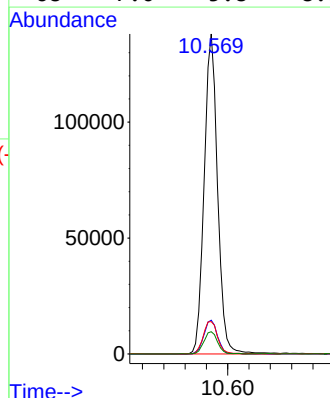
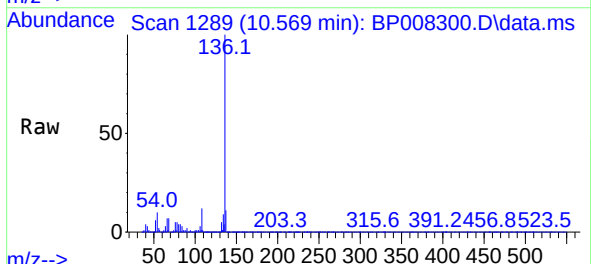
Instrument :
BNA_P
ClientSampleId :
TP-2

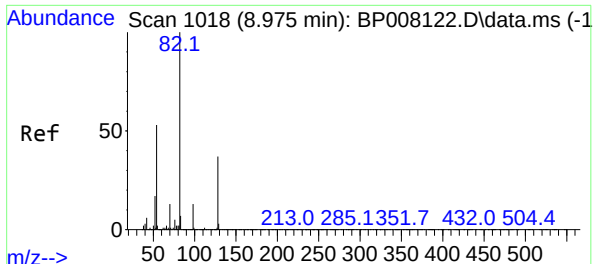
Tgt Ion: 99 Resp: 677398
Ion Ratio Lower Upper
99 100
42 19.8 14.6 22.0
71 41.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion: 136 Resp: 240595
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.1 8.2 12.4
68 7.0 5.8 8.8





#23

Nitrobenzene-d5

Concen: 88.861 ng

RT: 8.934 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BP008300.D

Acq: 09 Dec 2021 03:09

Instrument :

BNA_P

ClientSampleId :

TP-2

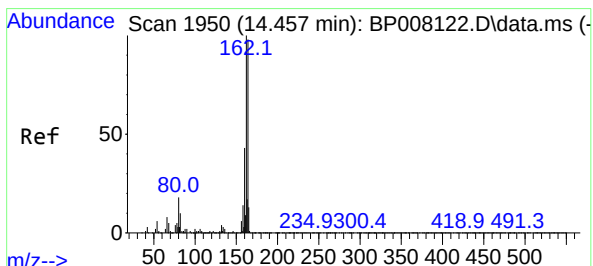
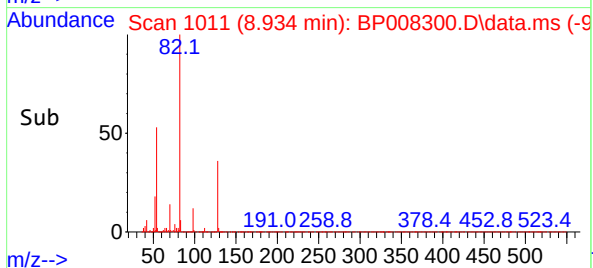
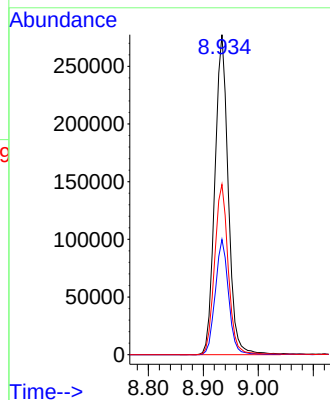
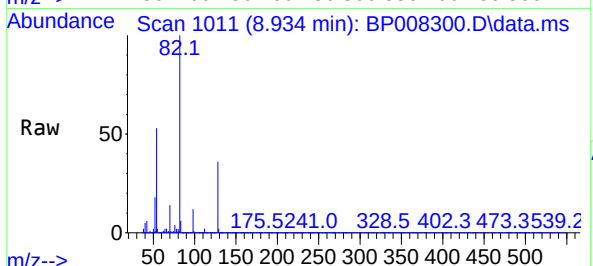
Tgt Ion: 82 Resp: 470158

Ion Ratio Lower Upper

82 100

128 36.0 29.6 44.4

54 53.2 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.422 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BP008300.D

Acq: 09 Dec 2021 03:09

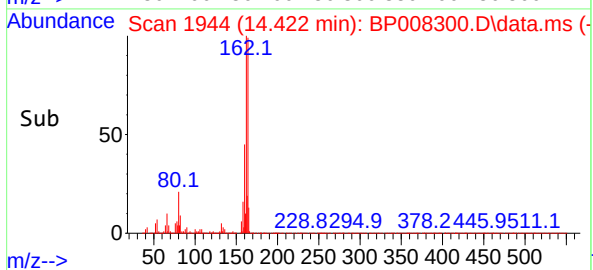
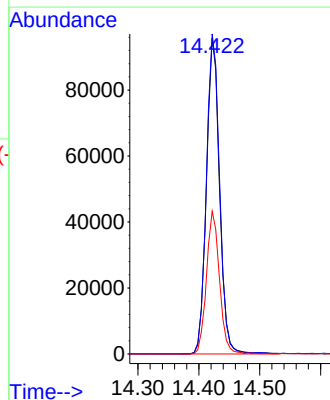
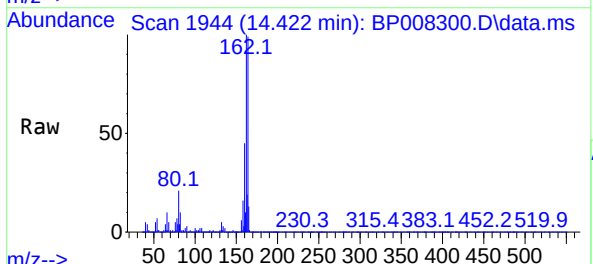
Tgt Ion: 164 Resp: 142858

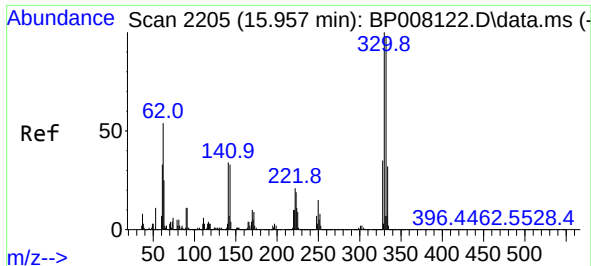
Ion Ratio Lower Upper

164 100

162 101.3 81.9 122.9

160 45.2 35.4 53.0

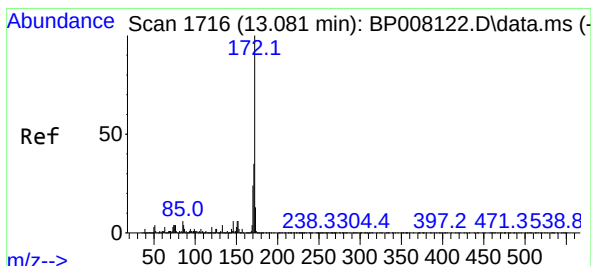
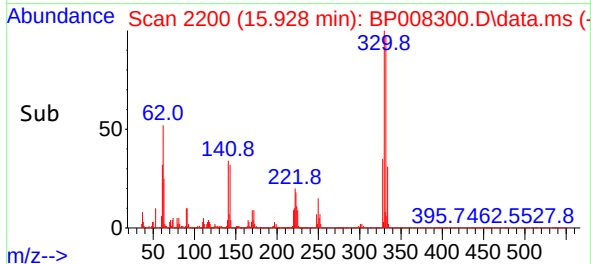
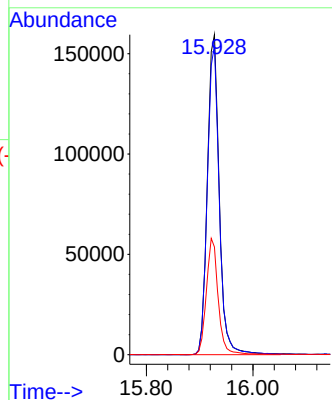
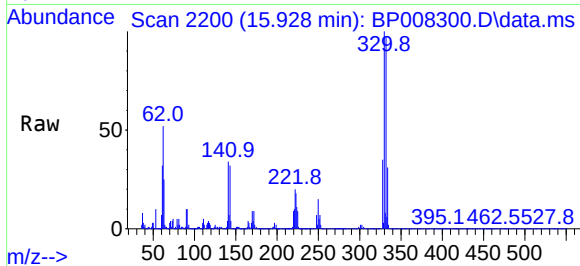




#42
2,4,6-Tribromophenol
Concen: 135.844 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

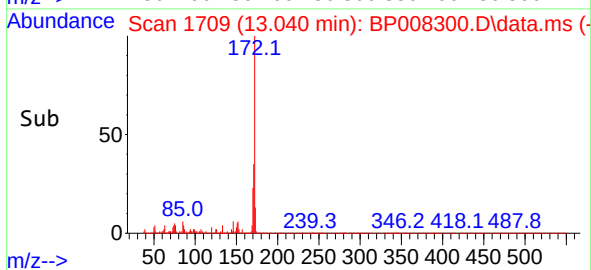
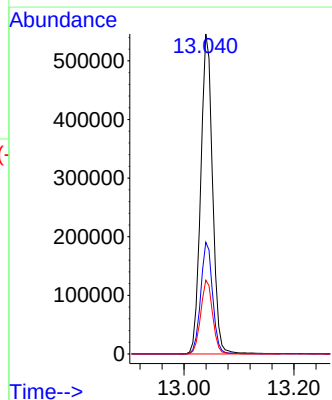
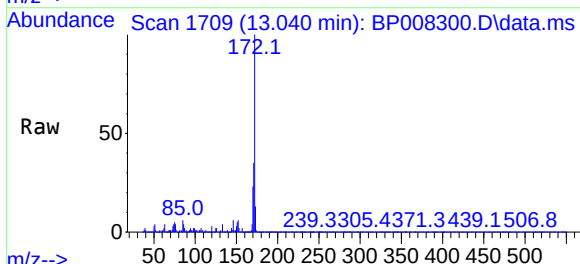
Instrument :
BNA_P
ClientSampleId :
TP-2

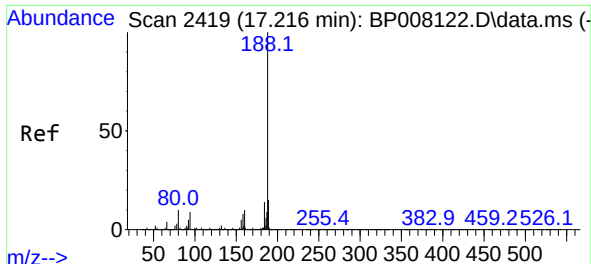
Tgt Ion:330 Resp: 248047
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 36.0 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 83.292 ng
RT: 13.040 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:172 Resp: 819185
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.1 18.9 28.3

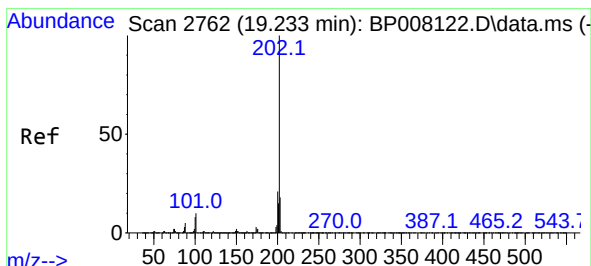
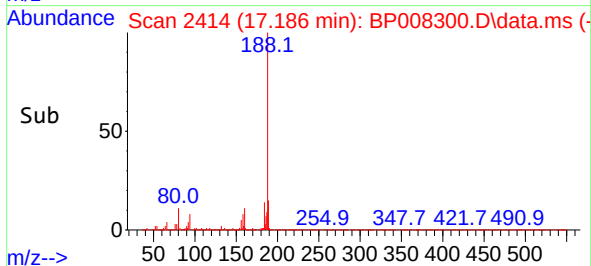
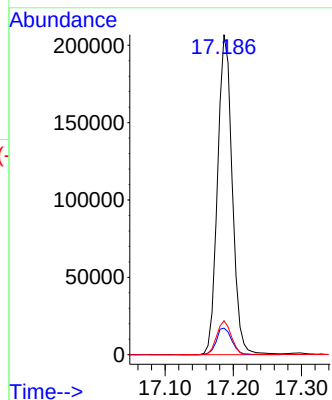
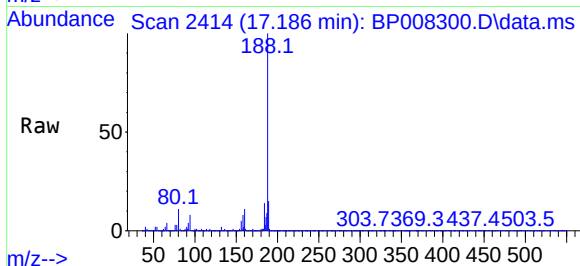




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

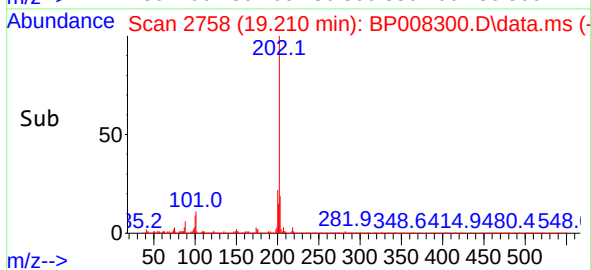
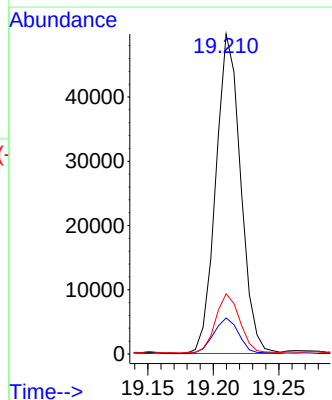
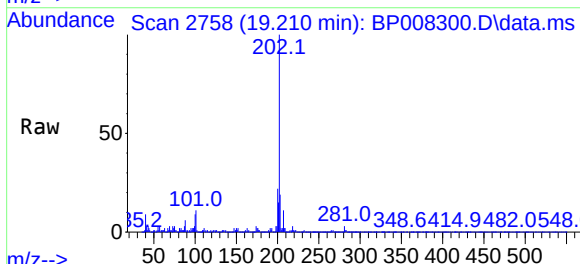
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BNA_P
ClientSampleId :
TP-2

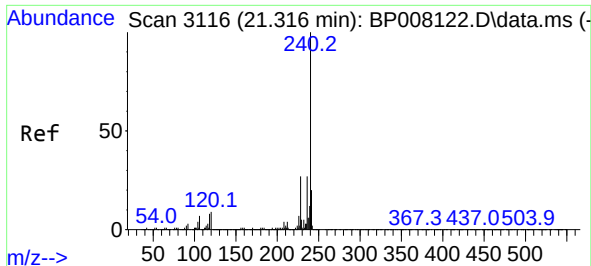
Tgt Ion:188 Resp: 310049
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 10.6 8.2 12.4



#75
Fluoranthene
Concen: 2.972 ng
RT: 19.210 min Scan# 2758
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:202 Resp: 65550
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.8
203 18.8 0.0 37.7

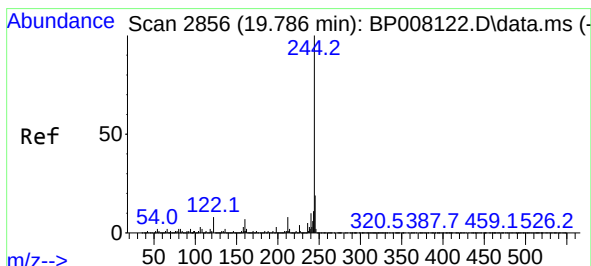
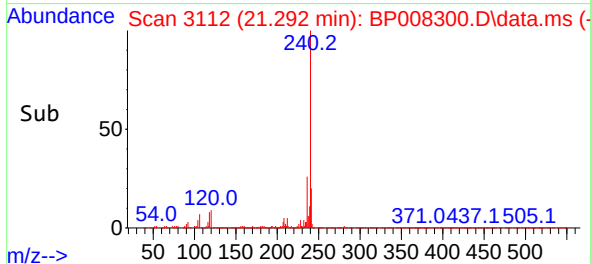
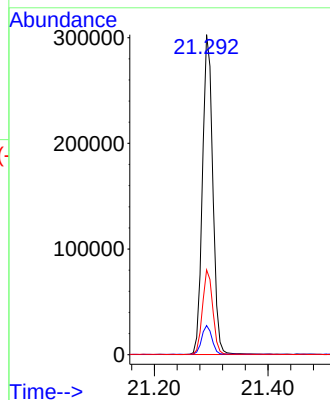
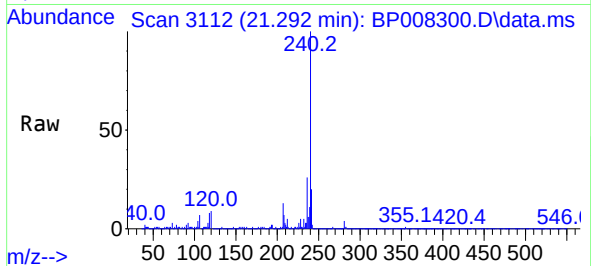




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

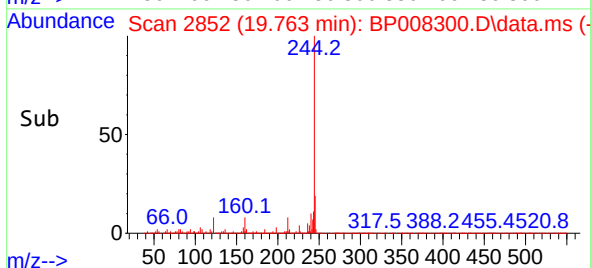
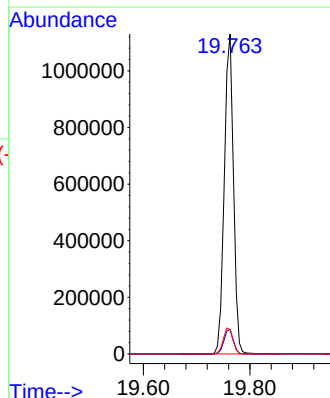
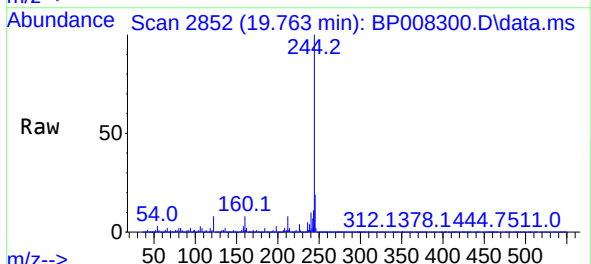
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TP-2

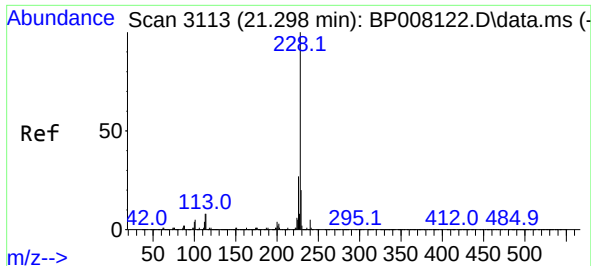
Tgt Ion:240 Resp: 383112
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 26.5 21.4 32.2



#79
Terphenyl-d14
Concen: 73.298 ng
RT: 19.763 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:244 Resp: 1343646
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 7.6 6.6 9.8

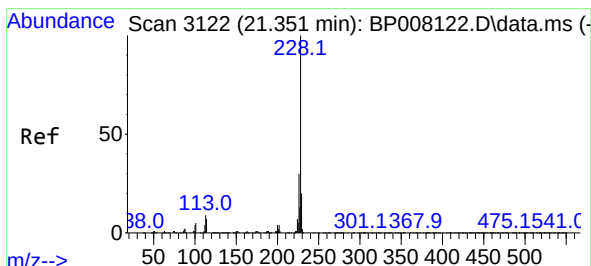
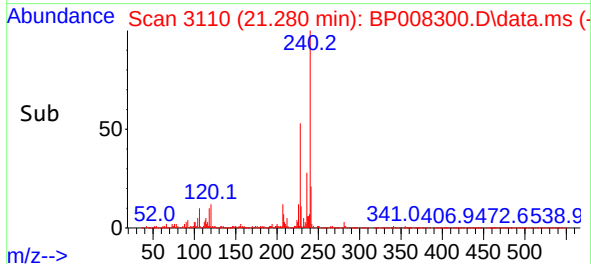
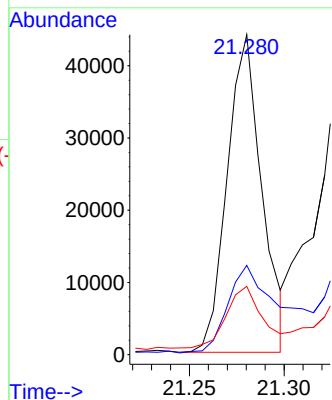
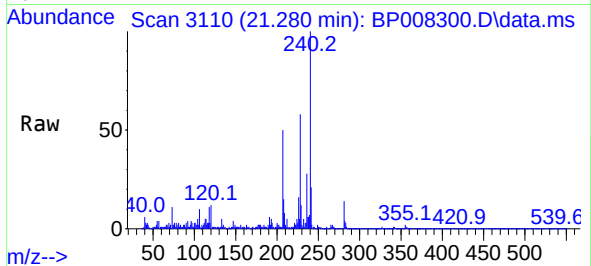




#81
Benzo(a)anthracene
Concen: 2.201 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

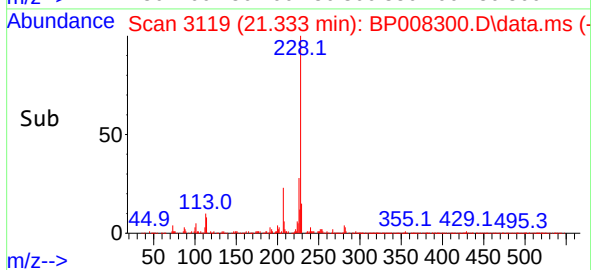
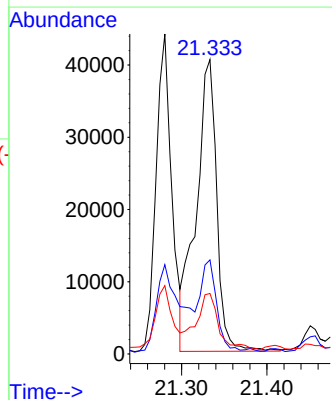
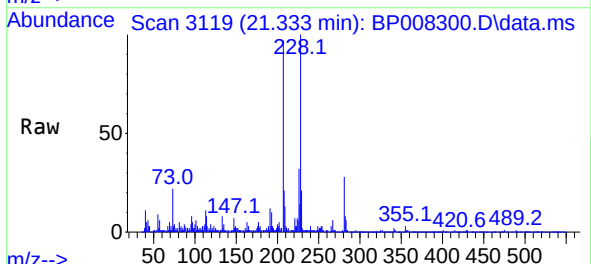
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TP-2

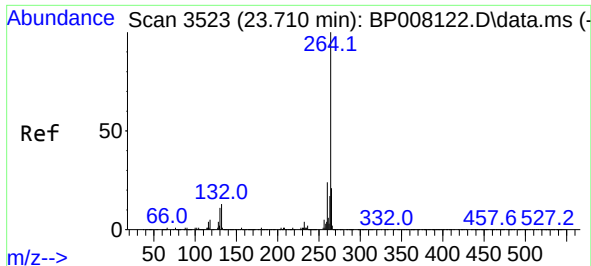
Tgt Ion:228 Resp: 55874
Ion Ratio Lower Upper
228 100
226 27.9 21.9 32.9
229 21.3 15.9 23.9



#83
Chrysene
Concen: 2.824 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:228 Resp: 68233
Ion Ratio Lower Upper
228 100
226 32.0 24.0 36.0
229 20.6 15.8 23.8

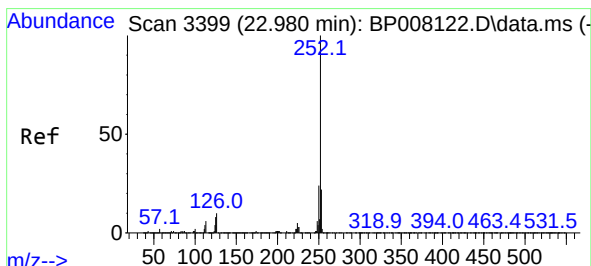
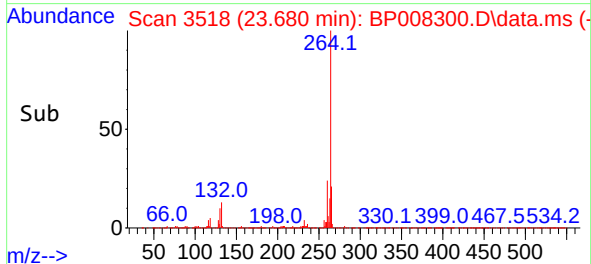
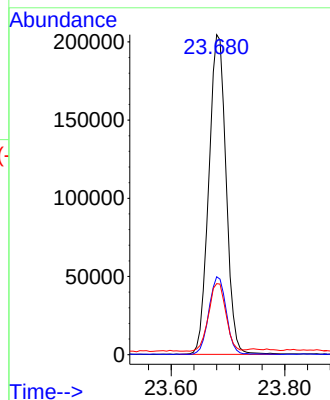
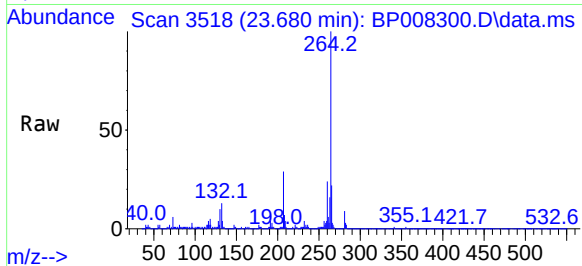




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

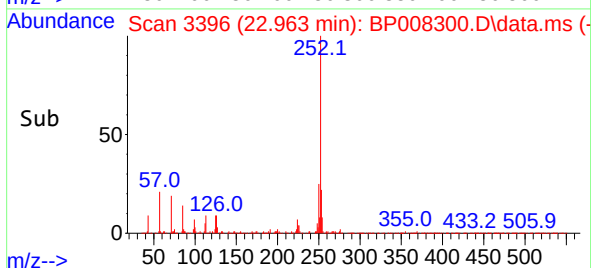
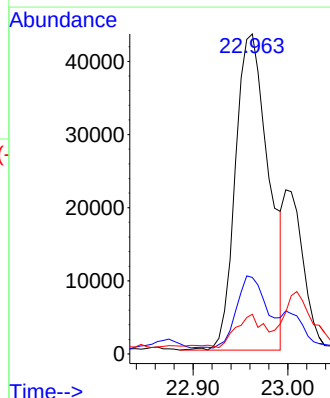
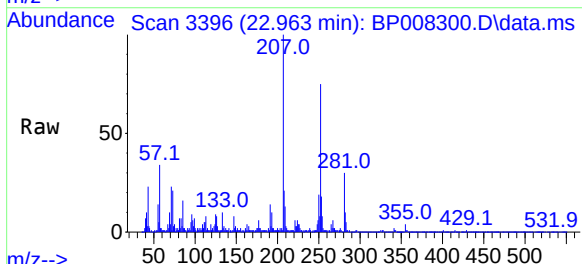
Instrument :
BNA_P
ClientSampleId :
TP-2

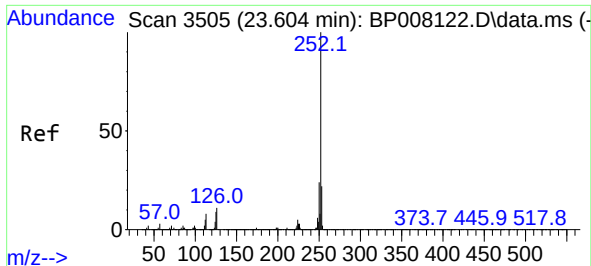
Tgt Ion:264 Resp: 429470
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 22.2 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 4.086 ng
RT: 22.963 min Scan# 3396
Delta R.T. -0.000 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Tgt Ion:252 Resp: 105793
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 12.4 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.783 ng
RT: 23.574 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008300.D
Acq: 09 Dec 2021 03:09

Instrument :
BNA_P
ClientSampleId :
TP-2

Tgt Ion:252 Resp: 61572
Ion Ratio Lower Upper
252 100
253 25.3 17.6 26.4
125 11.7 7.4 11.0#

