

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100621\
 Data File : BP007359.D
 Acq On : 06 Oct 2021 18:01
 Operator : CG/JU
 Sample : M4036-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 211

Quant Time: Oct 07 01:47:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

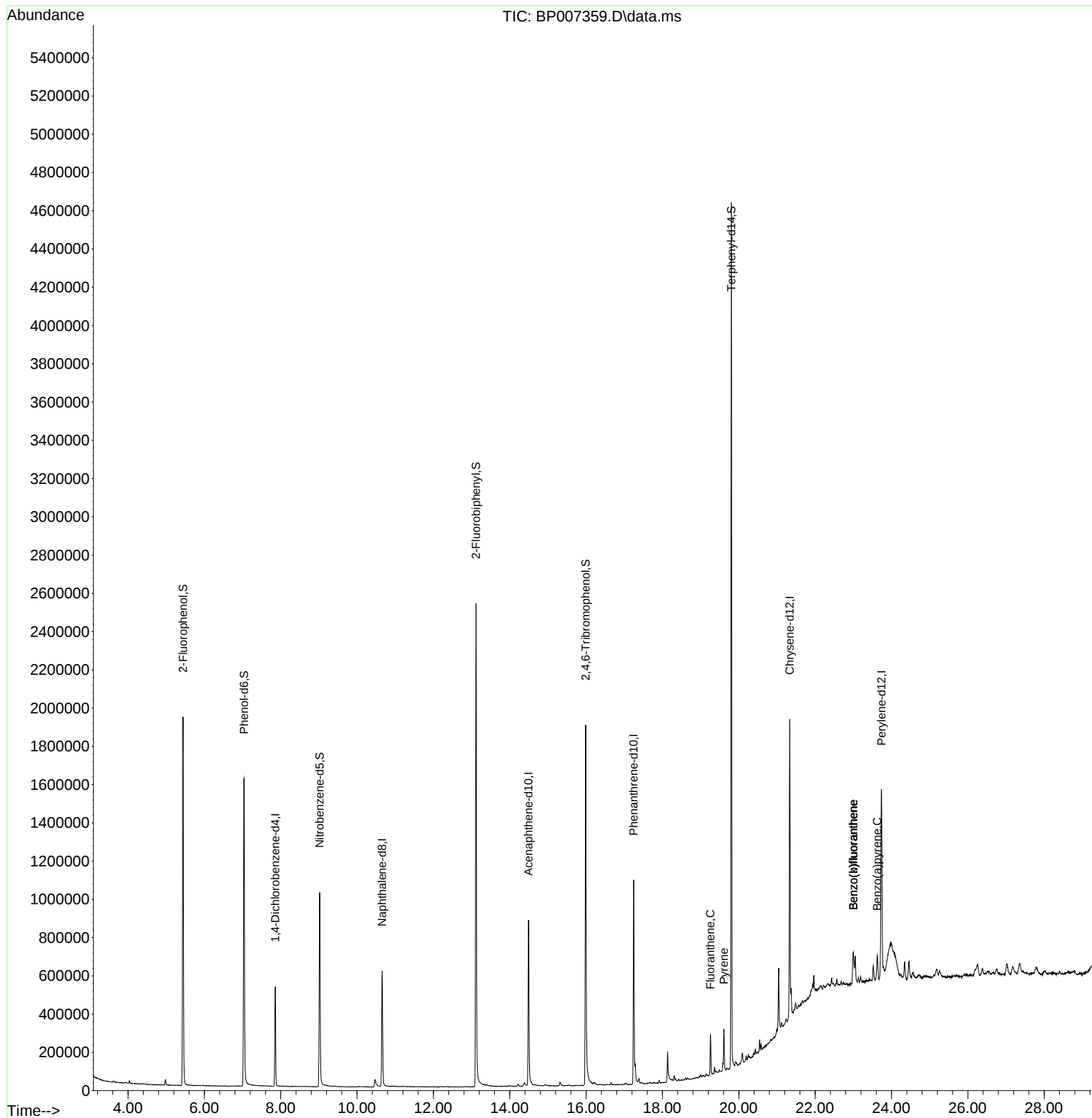
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	147838	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	566896	20.000	ng	# 0.00
39) Acenaphthene-d10	14.493	164	350217	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	726946	20.000	ng	# 0.00
76) Chrysene-d12	21.333	240	734540	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	780249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	893397	101.158	ng	-0.01
7) Phenol-d6	7.040	99	1076367	89.171	ng	-0.01
23) Nitrobenzene-d5	9.022	82	646911	66.456	ng	0.00
42) 2,4,6-Tribromophenol	15.987	330	424385	93.469	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	1466939	60.008	ng	-0.01
79) Terphenyl-d14	19.804	244	2131166	55.598	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.257	202	127815	2.846	ng	98
78) Pyrene	19.610	202	129150	2.680	ng	99
88) Benzo(b)fluoranthene	23.004	252	122761	2.633	ng	# 93
89) Benzo(k)fluoranthene	23.004	252	122761	2.600	ng	# 93
90) Benzo(a)pyrene	23.627	252	89709	2.265	ng	# 93

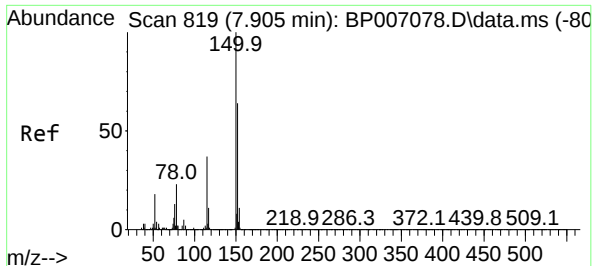
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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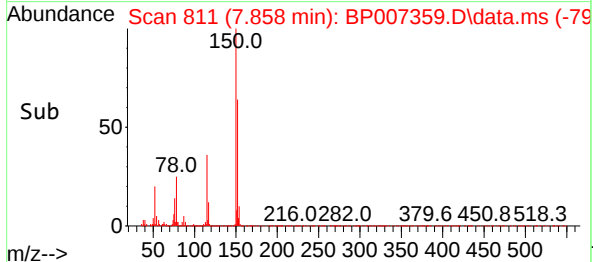
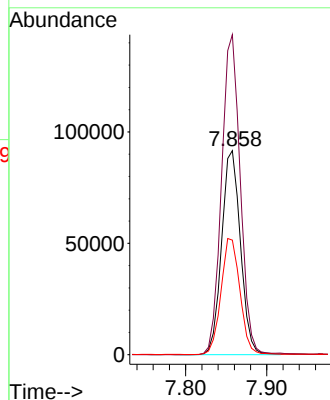
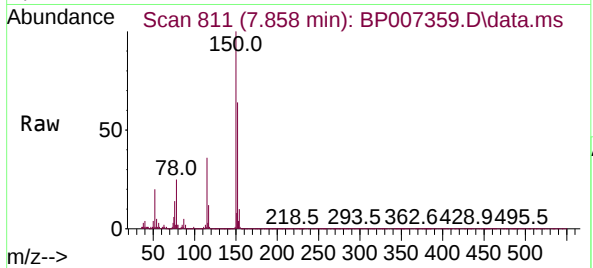




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

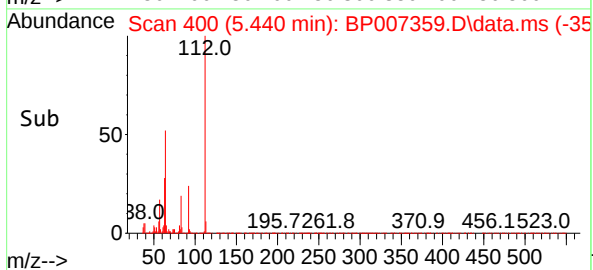
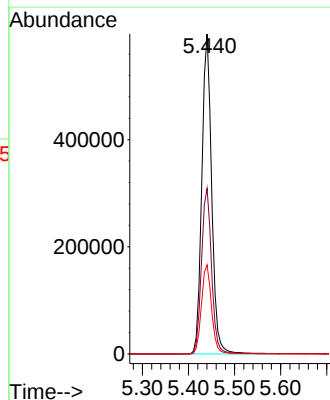
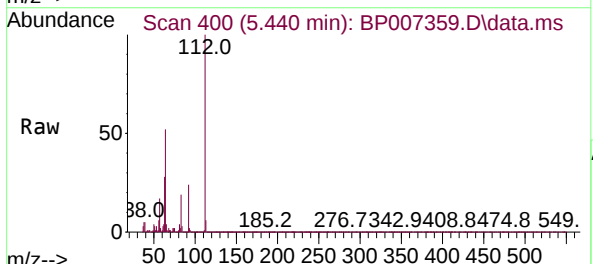
Instrument :
BNA_P
ClientSampleId :
211

Tgt Ion:152 Resp: 147838
Ion Ratio Lower Upper
152 100
150 156.9 125.6 188.4
115 56.2 48.5 72.7



#5
2-Fluorophenol
Concen: 101.158 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.011 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

Tgt Ion:112 Resp: 893397
Ion Ratio Lower Upper
112 100
64 51.7 41.4 62.2
63 27.9 23.8 35.8

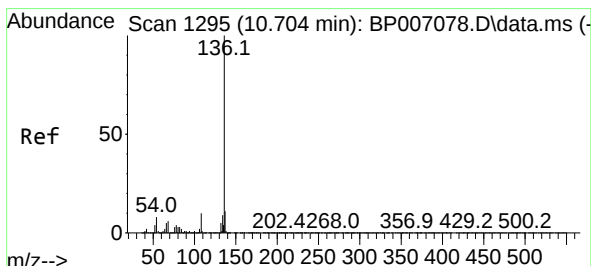
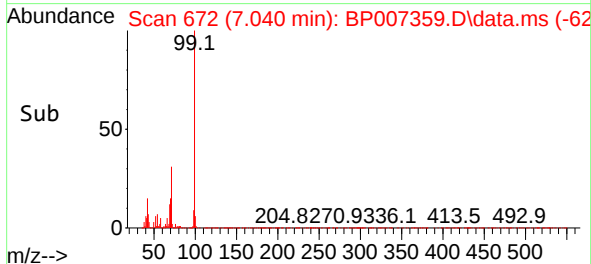
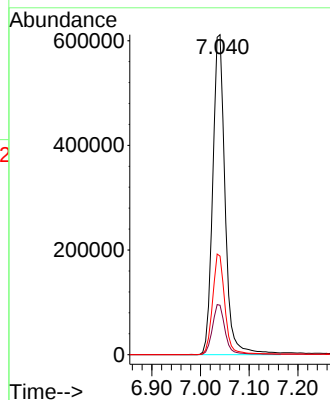
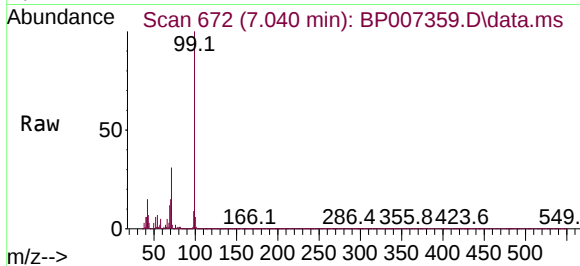




#7
Phenol-d6
Concen: 89.171 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.011 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

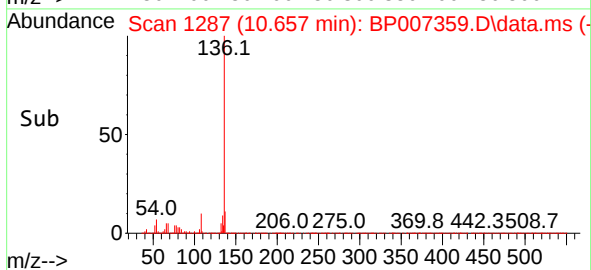
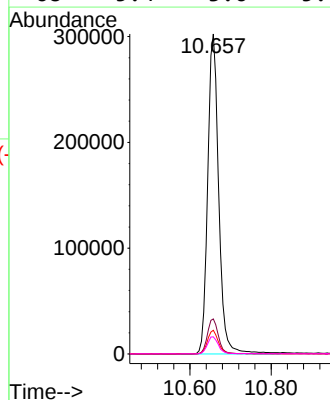
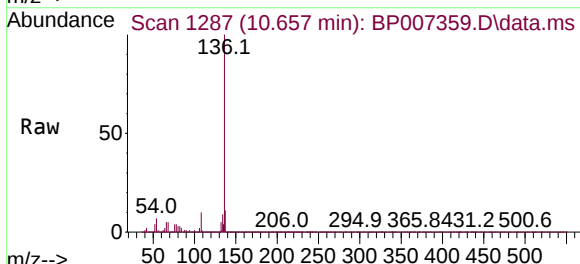
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BNA_P
ClientSampleId :
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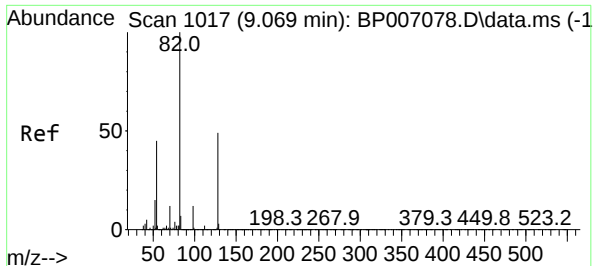
Tgt Ion: 99 Resp: 1076367
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.0
71 30.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

Tgt Ion: 136 Resp: 566896
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.4 4.6 6.8#
68 5.4 3.6 5.4

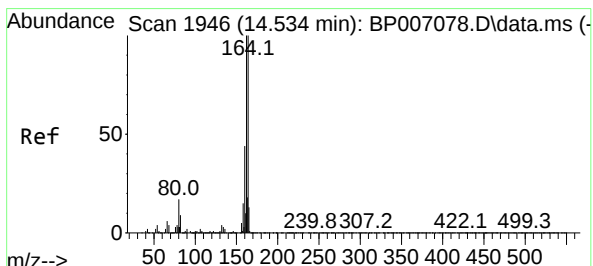
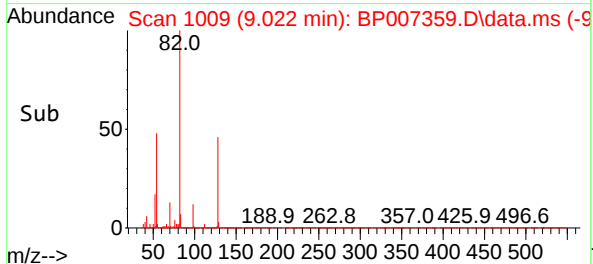
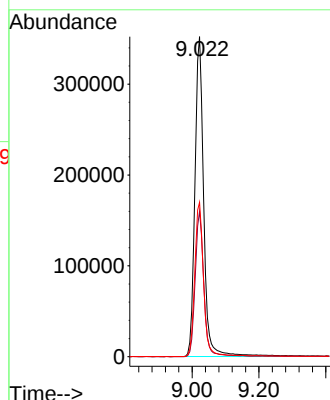
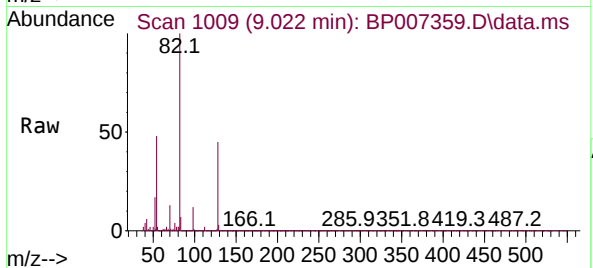




#23
Nitrobenzene-d5
Concen: 66.456 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

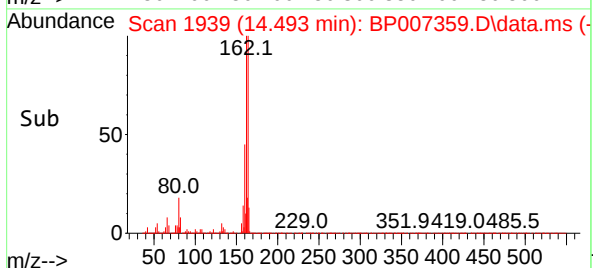
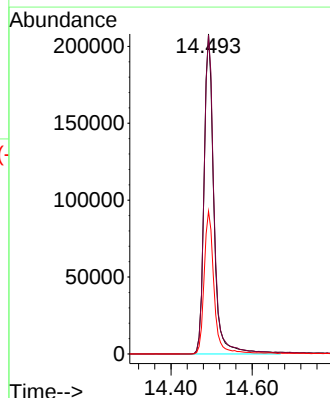
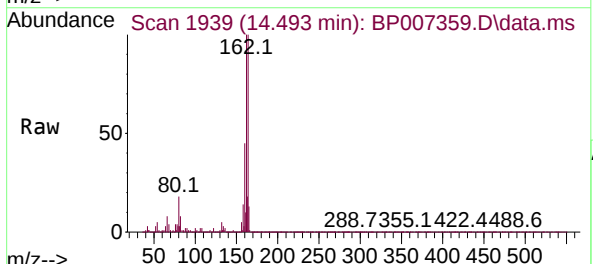
Instrument :
BNA_P
ClientSampleId :
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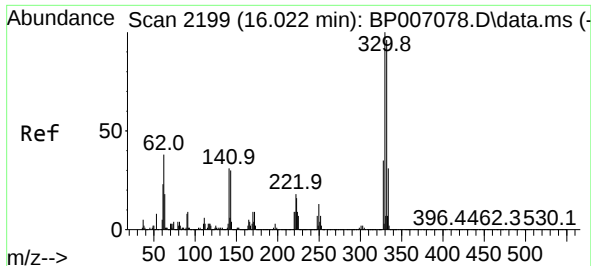
Tgt Ion: 82 Resp: 646911
Ion Ratio Lower Upper
82 100
128 45.5 35.7 53.5
54 48.2 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

Tgt Ion:164 Resp: 350217
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 44.6 34.5 51.7

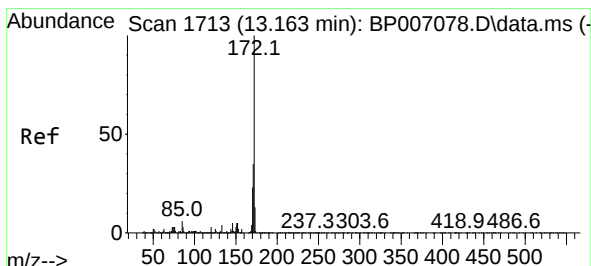
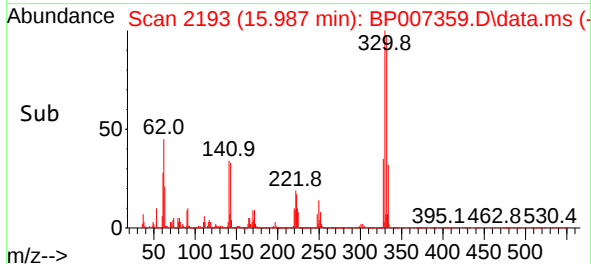
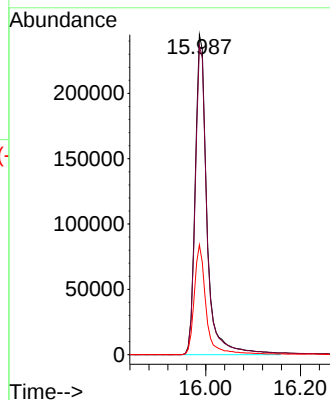
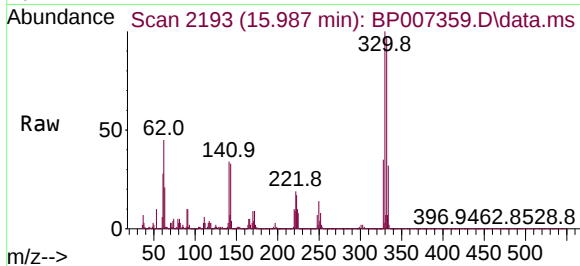




#42
2,4,6-Tribromophenol
Concen: 93.469 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

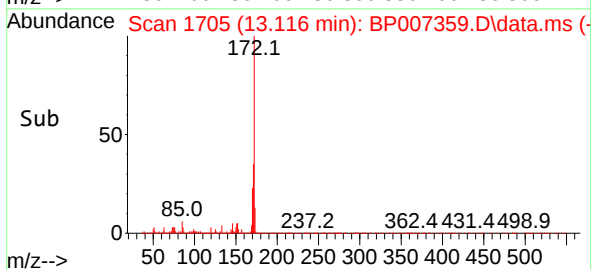
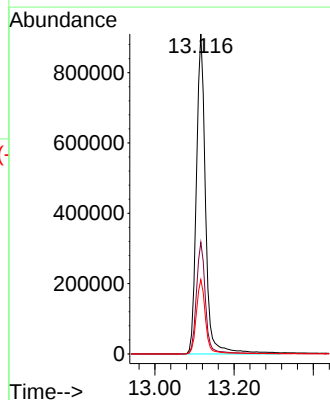
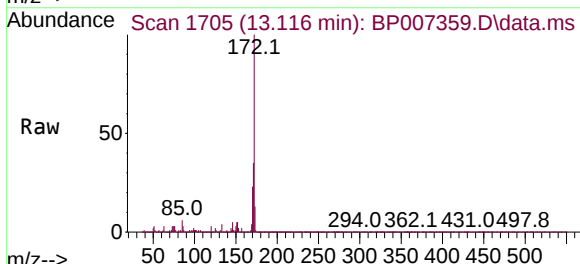
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BNA_P
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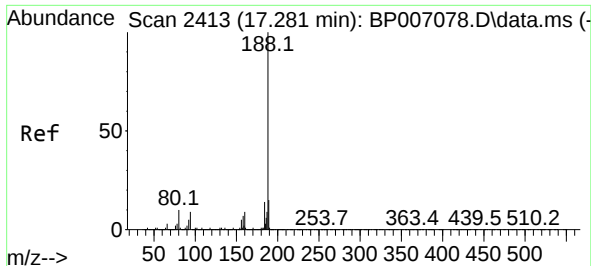
Tgt Ion:330 Resp: 424385
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 34.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 60.008 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

Tgt Ion:172 Resp: 1466939
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.3 18.6 27.8

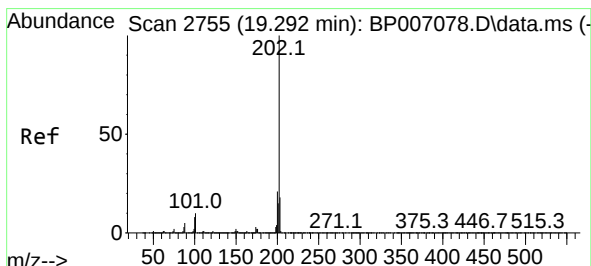
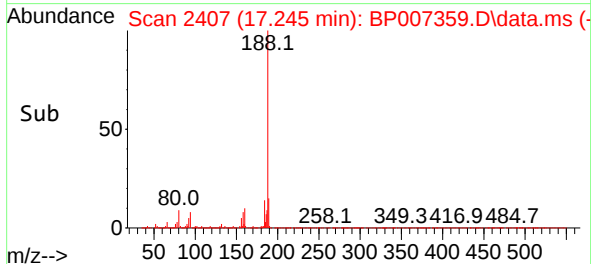
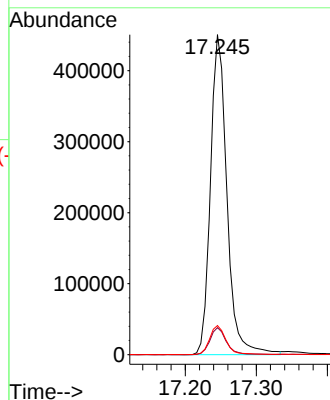
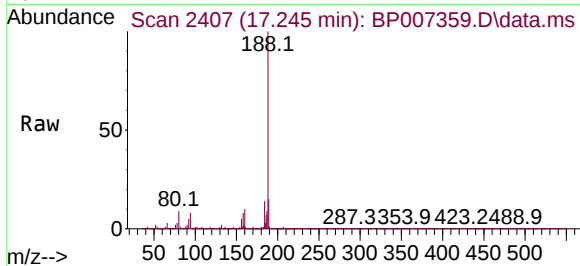




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

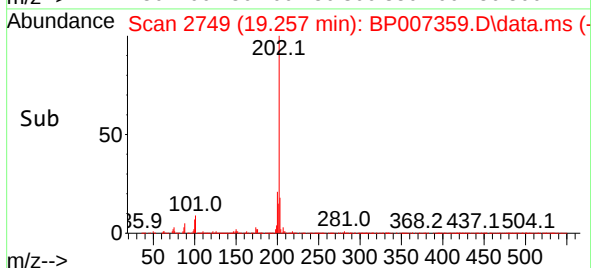
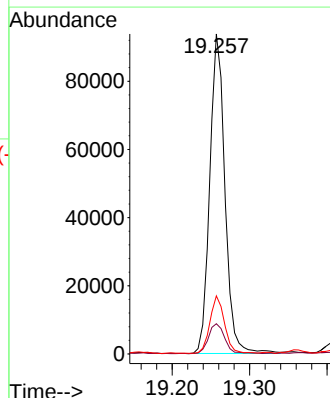
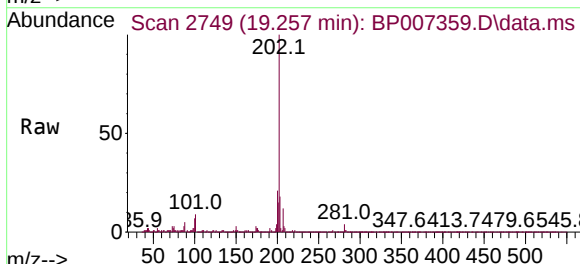
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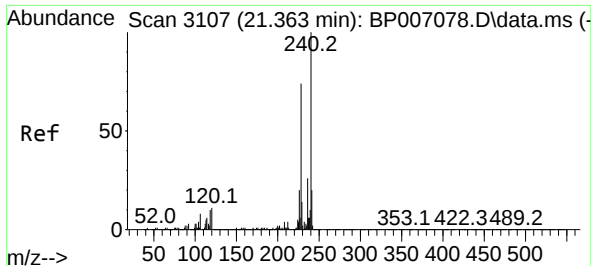
Tgt Ion:188 Resp: 726946
Ion Ratio Lower Upper
188 100
94 8.5 5.6 8.4#
80 9.1 6.3 9.5



#75
Fluoranthene
Concen: 2.846 ng
RT: 19.257 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

Tgt Ion:202 Resp: 127815
Ion Ratio Lower Upper
202 100
101 9.4 0.0 27.6
203 18.1 0.0 37.8

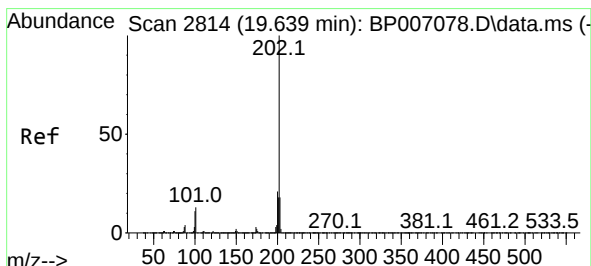
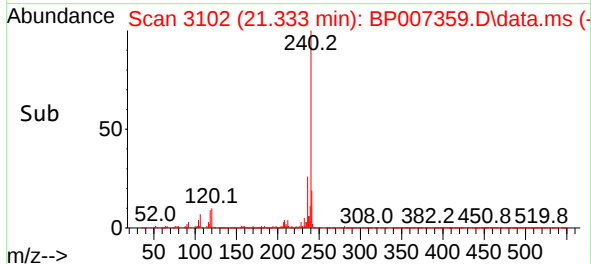
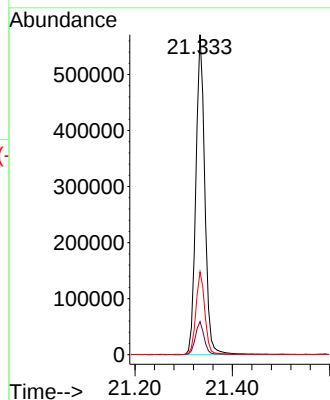
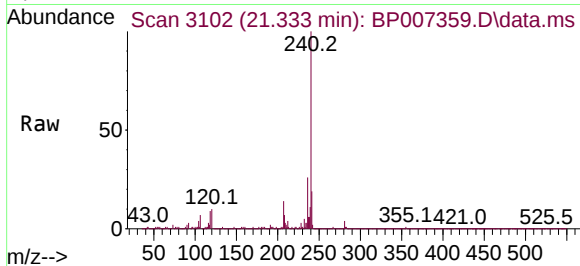




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

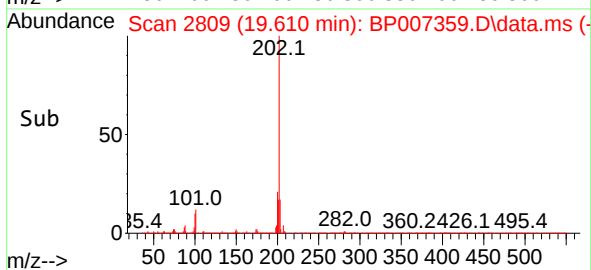
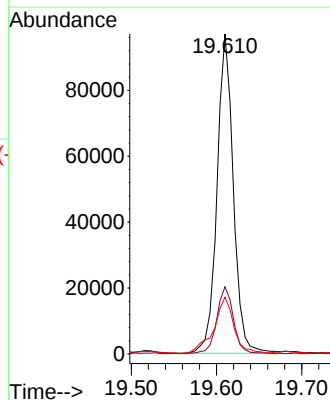
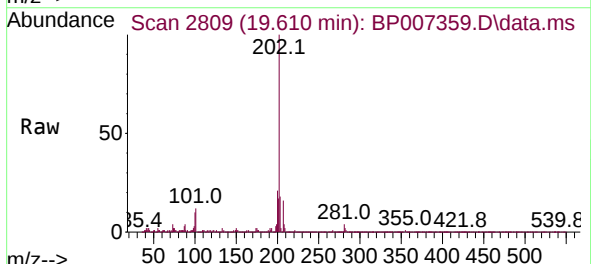
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ClientSampleId :
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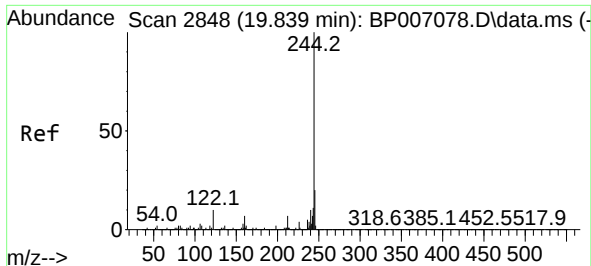
Tgt Ion:240 Resp: 734540
Ion Ratio Lower Upper
240 100
120 10.4 6.5 9.7#
236 25.9 20.6 31.0



#78
Pyrene
Concen: 2.680 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

Tgt Ion:202 Resp: 129150
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.7 14.2 21.2

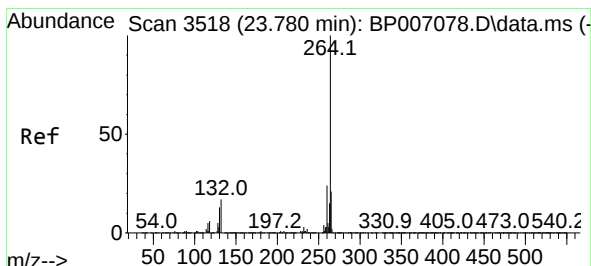
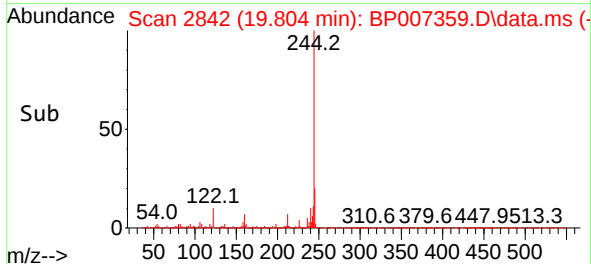
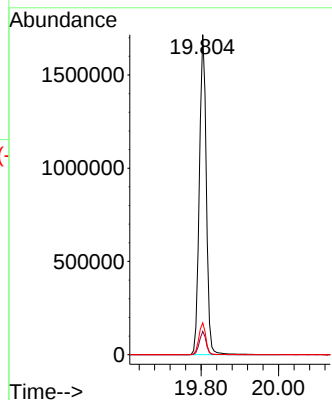
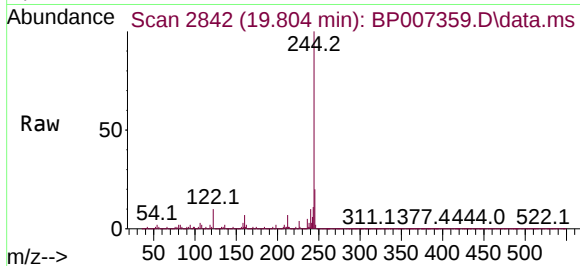




#79
 Terphenyl-d14
 Concen: 55.598 ng
 RT: 19.804 min Scan# 2842
 Delta R.T. -0.006 min
 Lab File: BP007359.D
 Acq: 06 Oct 2021 18:01

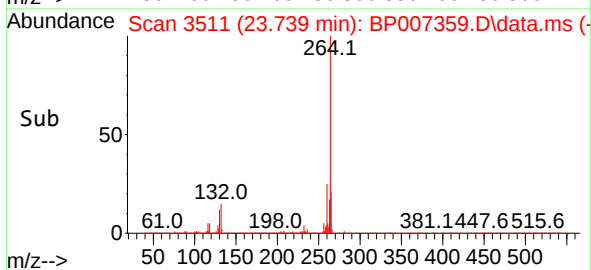
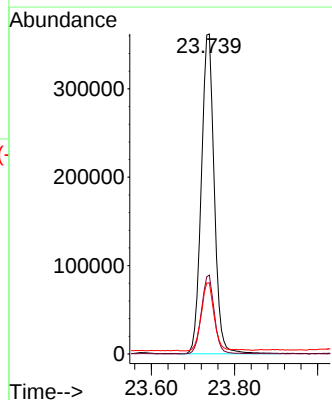
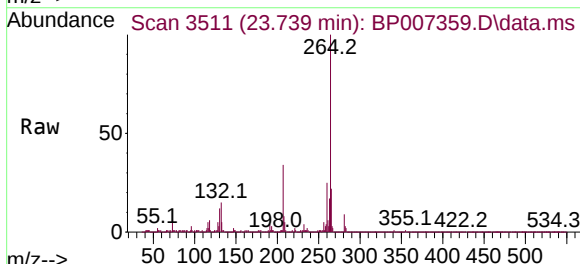
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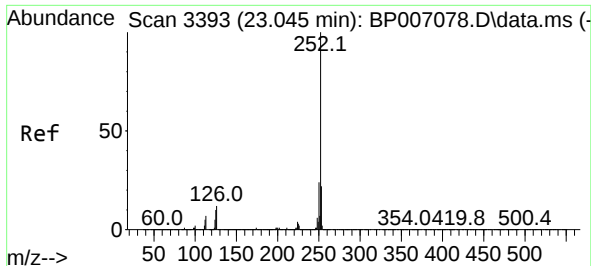
Tgt Ion:244 Resp: 2131166
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3511
 Delta R.T. -0.006 min
 Lab File: BP007359.D
 Acq: 06 Oct 2021 18:01

Tgt Ion:264 Resp: 780249
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 28.0
 265 22.3 17.6 26.4

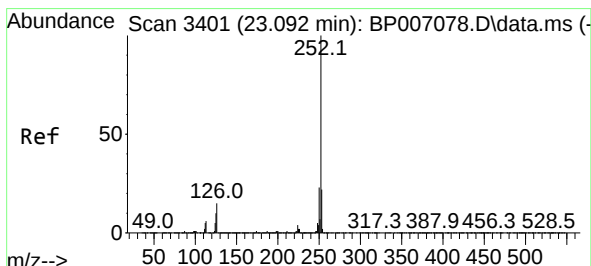
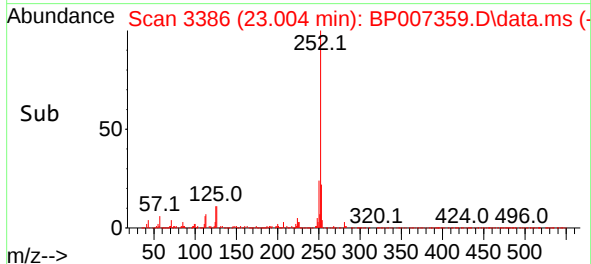
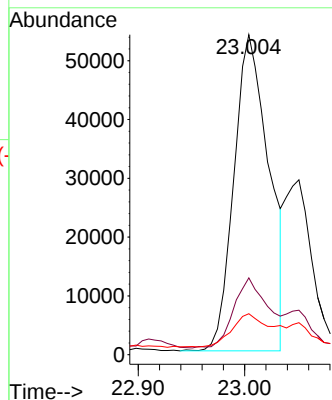
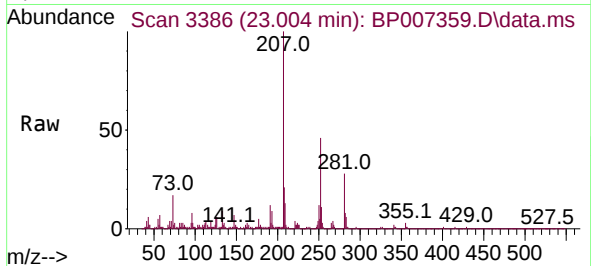




#88
Benzo(b)fluoranthene
Concen: 2.633 ng
RT: 23.004 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

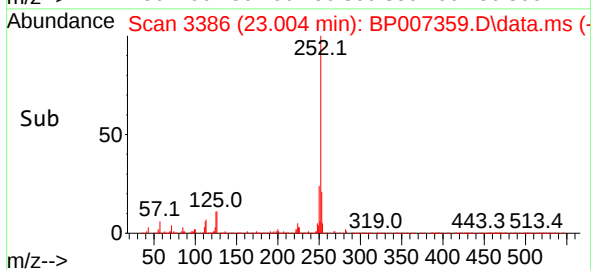
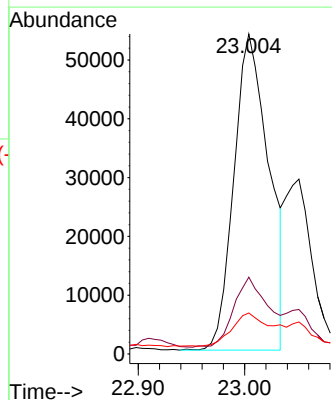
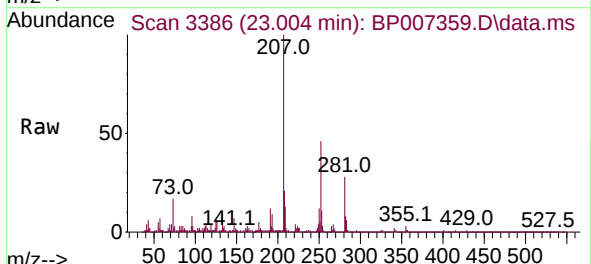
Instrument :
BNA_P
ClientSampled :
211

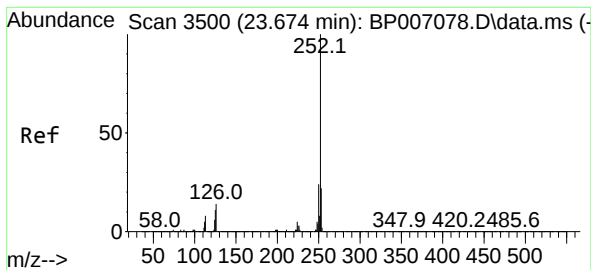
Tgt Ion:252 Resp: 122761
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 12.8 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.600 ng
RT: 23.004 min Scan# 3386
Delta R.T. -0.053 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

Tgt Ion:252 Resp: 122761
Ion Ratio Lower Upper
252 100
253 24.0 17.6 26.4
125 12.8 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 2.265 ng
RT: 23.627 min Scan# 3492
Delta R.T. -0.011 min
Lab File: BP007359.D
Acq: 06 Oct 2021 18:01

Instrument :
BNA_P
ClientSampleId :
211

Tgt Ion:252 Resp: 89709
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 13.8 6.5 9.7#

