

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006732.D
 Acq On : 17 Aug 2021 23:11
 Operator : CG/JU
 Sample : M3429-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-3

Quant Time: Aug 18 03:14:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

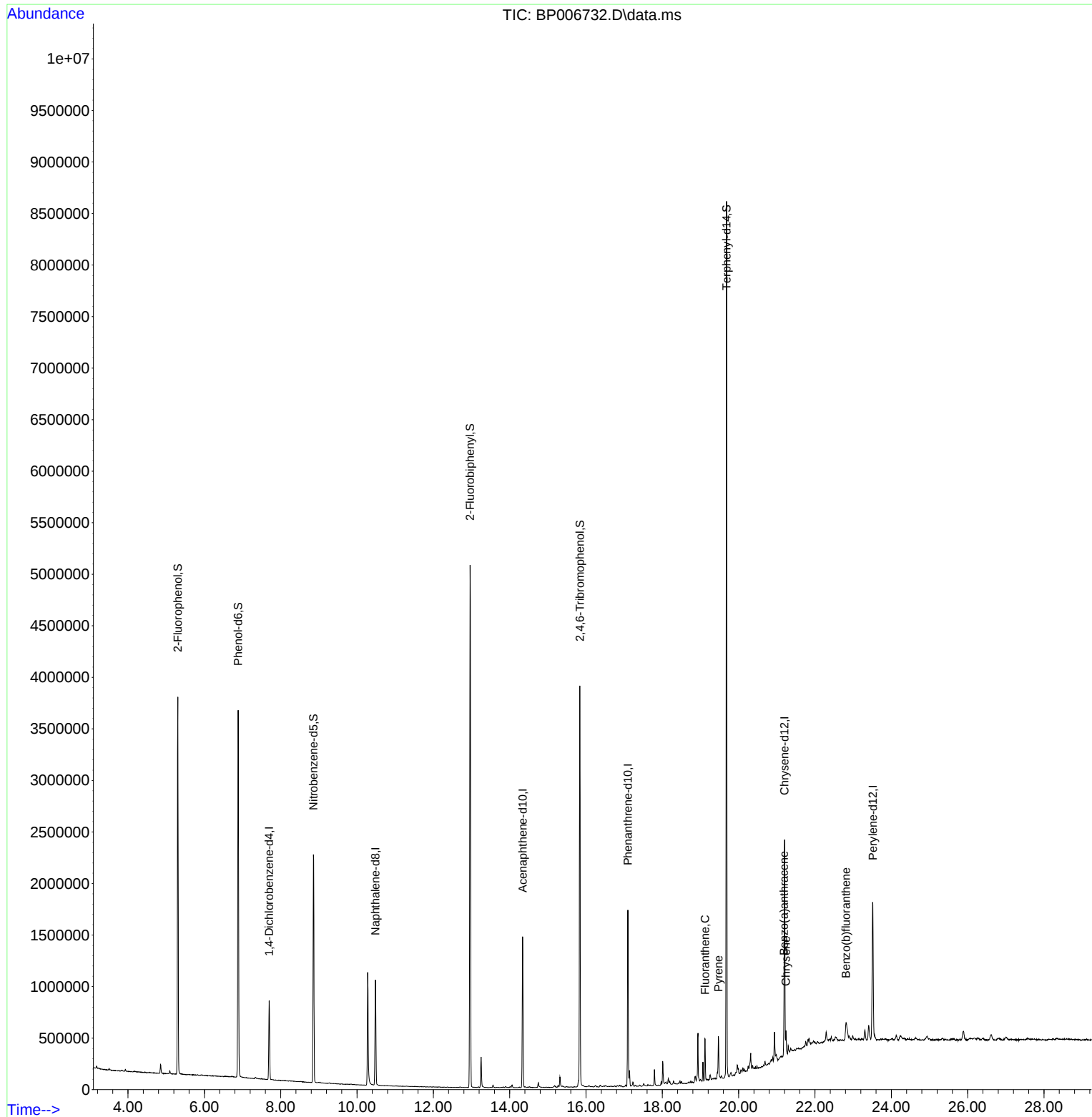
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	188464	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	799768	20.000	ng	#-0.01
39) Acenaphthene-d10	14.340	164	443870	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	865423	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	831259	20.000	ng	# 0.00
86) Perylene-d12	23.516	264	874553	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1493160	121.689	ng	0.00
7) Phenol-d6	6.887	99	1947571	111.736	ng	0.00
23) Nitrobenzene-d5	8.858	82	1336395	77.128	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	561757	121.096	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2310431	77.876	ng	0.00
79) Terphenyl-d14	19.680	244	3170292	76.421	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.122	202	213143	3.890	ng	95
78) Pyrene	19.469	202	200610	3.613	ng	99
81) Benzo(a)anthracene	21.186	228	120196	2.213	ng	96
83) Chrysene	21.239	228	111675	2.120	ng	97
88) Benzo(b)fluoranthene	22.810	252	133054	2.341	ng	# 89

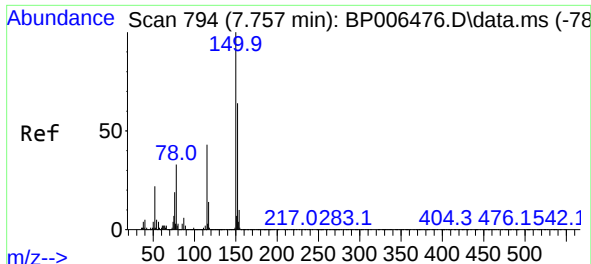
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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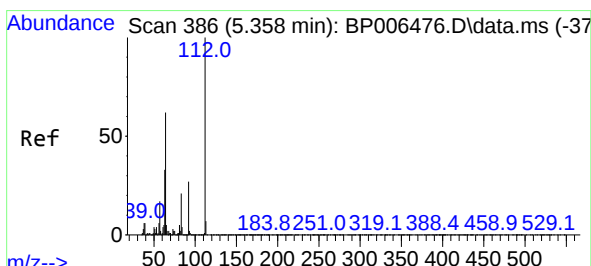
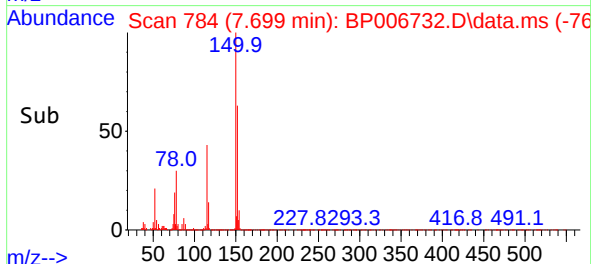
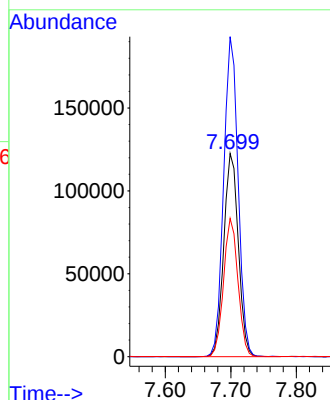
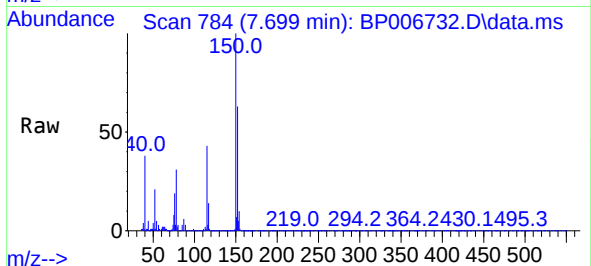




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

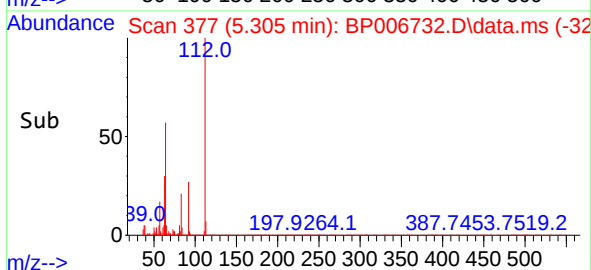
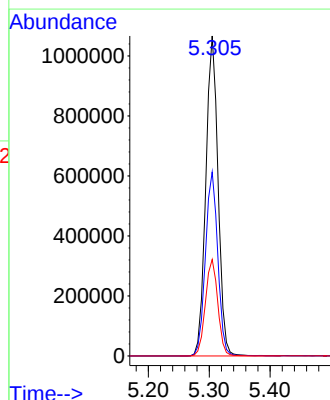
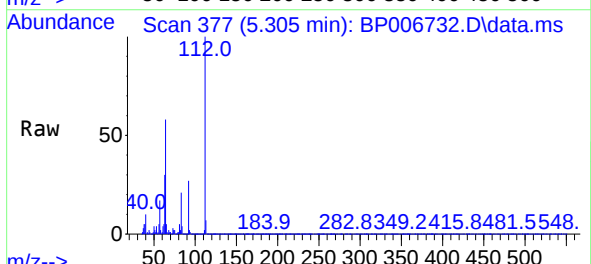
Instrument :
BNA_P
ClientSampleId :
WC-3

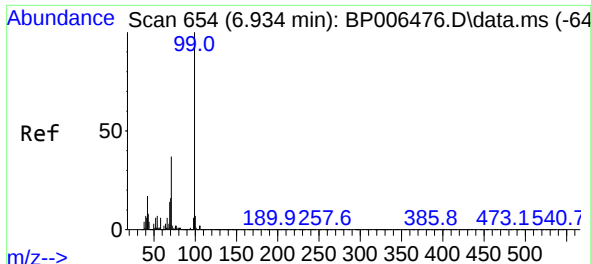
Tgt Ion:152 Resp: 188464
Ion Ratio Lower Upper
152 100
150 157.5 125.6 188.4
115 68.1 48.5 72.7



#5
2-Fluorophenol
Concen: 121.689 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

Tgt Ion:112 Resp: 1493160
Ion Ratio Lower Upper
112 100
64 57.5 41.4 62.2
63 30.2 23.8 35.8



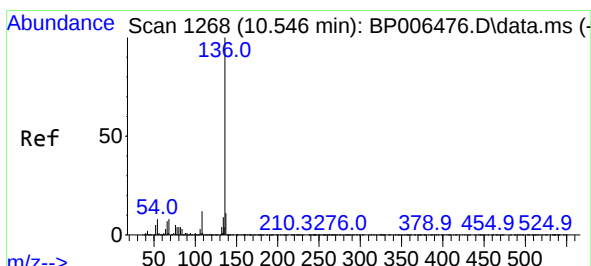
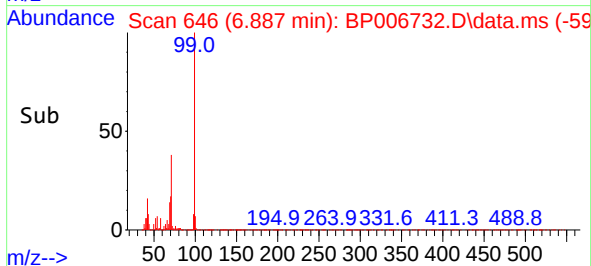
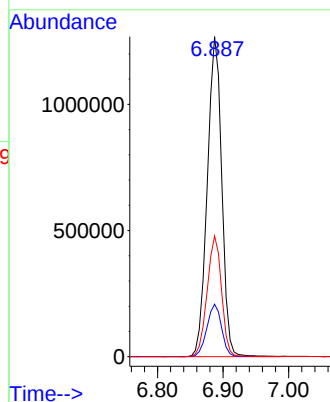
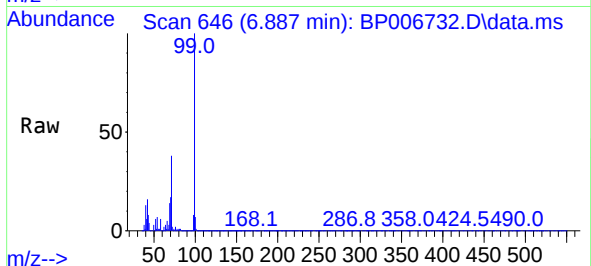


#7
Phenol-d6
Concen: 111.736 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion: 99 Resp: 1947571

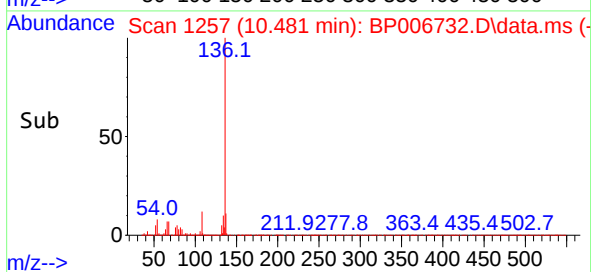
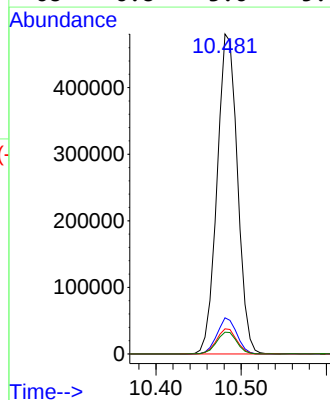
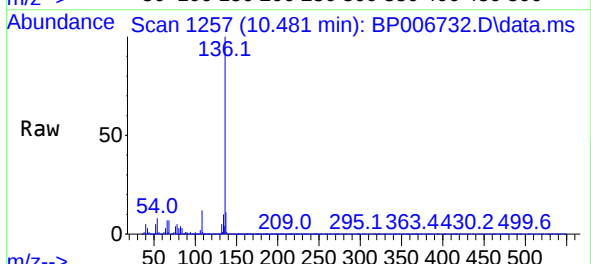
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.0
71	37.7	30.6	46.0

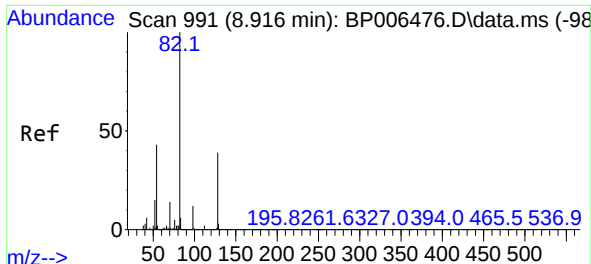


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

Tgt Ion: 136 Resp: 799768

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	7.8	4.6	6.8#
68	6.8	3.6	5.4#

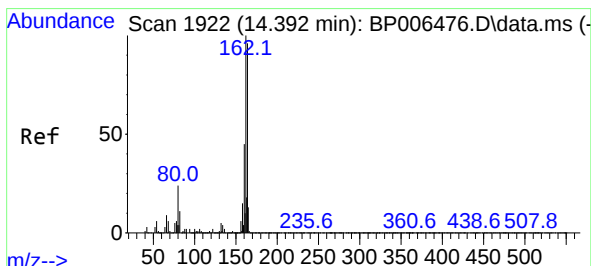
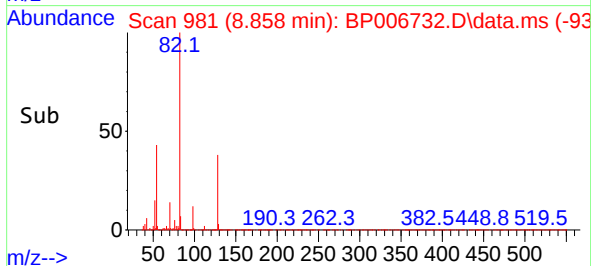
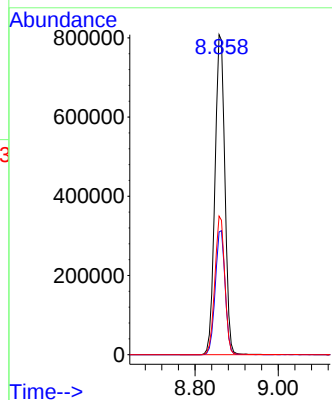
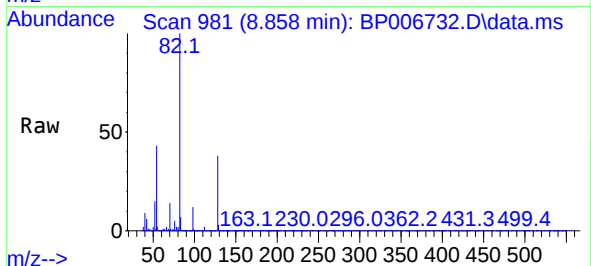




#23
Nitrobenzene-d5
Concen: 77.128 ng
RT: 8.858 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

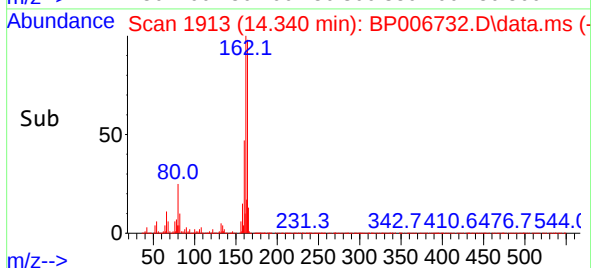
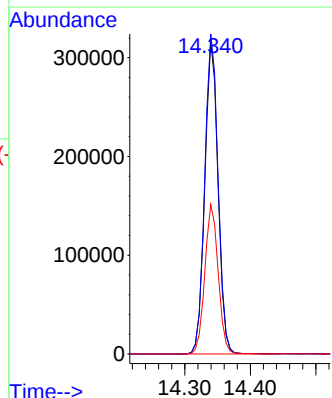
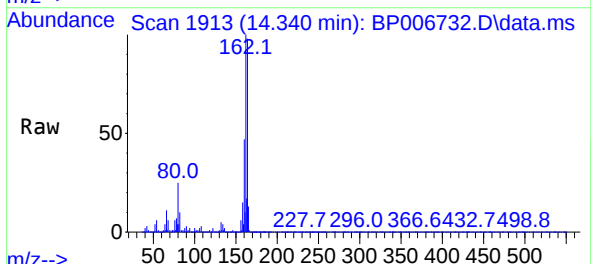
Instrument :
BNA_P
ClientSampleId :
WC-3

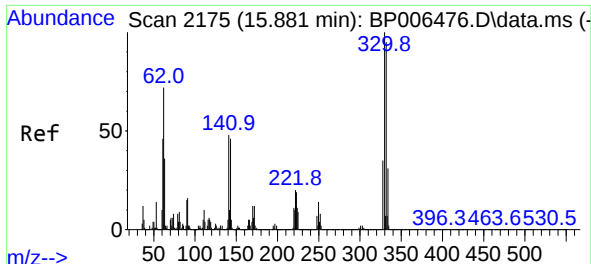
Tgt Ion: 82 Resp: 1336395
Ion Ratio Lower Upper
82 100
128 38.3 35.7 53.5
54 43.3 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

Tgt Ion: 164 Resp: 443870
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 47.8 34.5 51.7

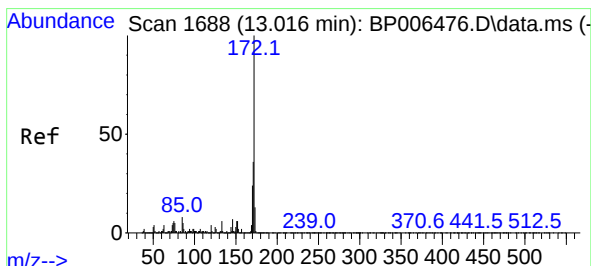
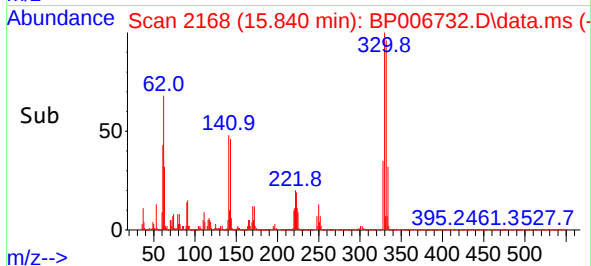
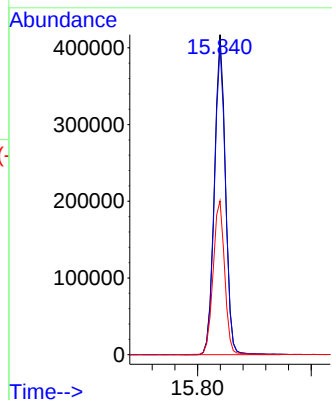
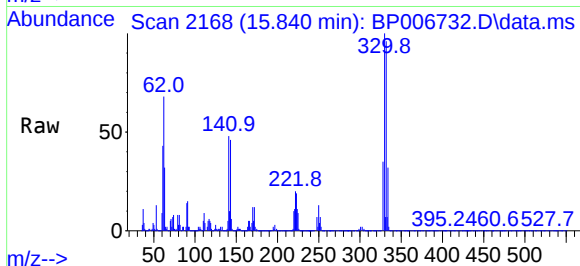




#42
2,4,6-Tribromophenol
Concen: 121.096 ng
RT: 15.840 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

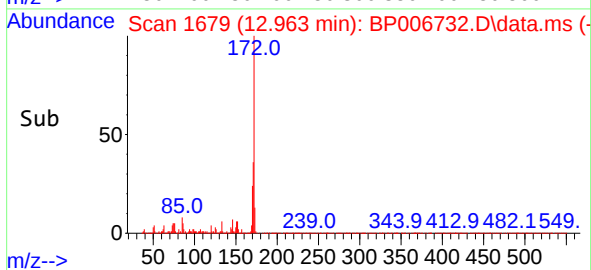
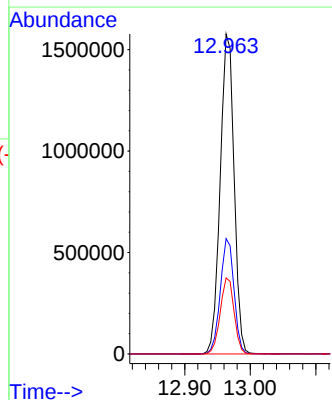
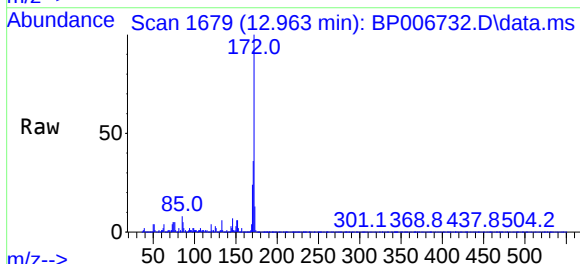
Instrument :
BNA_P
ClientSampleId :
WC-3

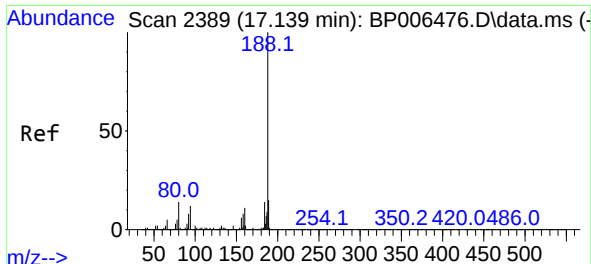
Tgt Ion:330 Resp: 561757
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 50.1 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 77.876 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

Tgt Ion:172 Resp: 2310431
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.8 18.6 27.8

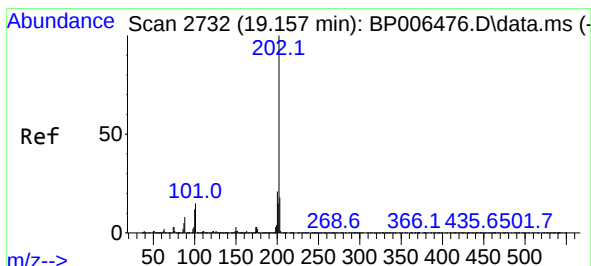
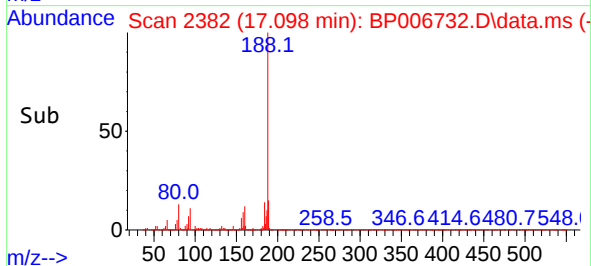
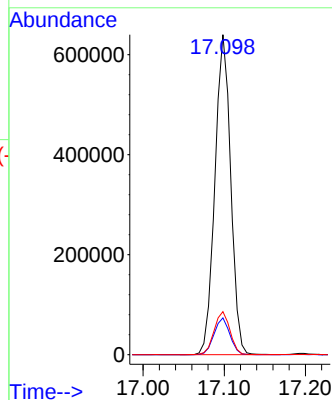
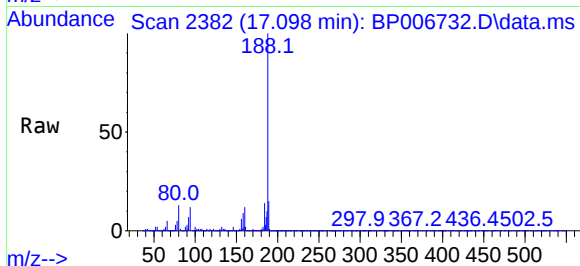




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

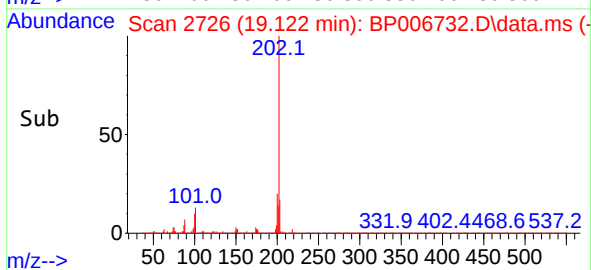
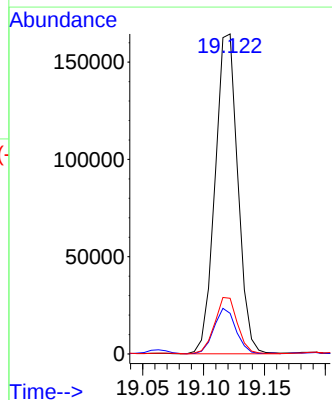
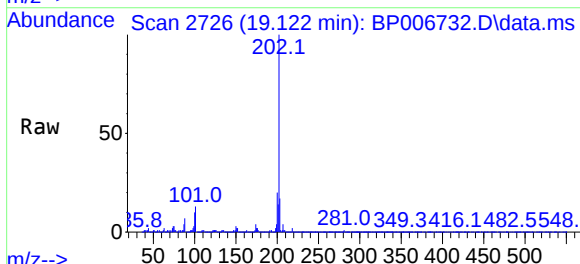
Instrument :
BNA_P
ClientSampleId :
WC-3

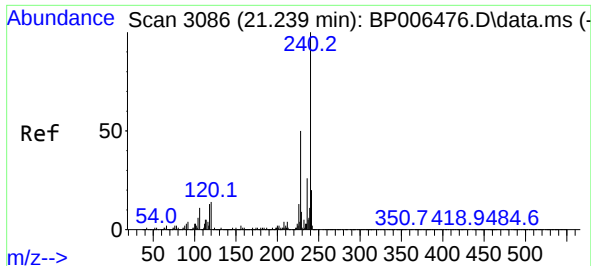
Tgt Ion:188 Resp: 865423
Ion Ratio Lower Upper
188 100
94 11.5 5.6 8.4#
80 13.4 6.3 9.5#



#75
Fluoranthene
Concen: 3.890 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

Tgt Ion:202 Resp: 213143
Ion Ratio Lower Upper
202 100
101 12.7 0.0 27.6
203 17.4 0.0 37.8

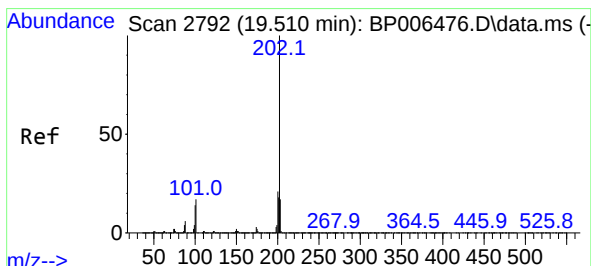
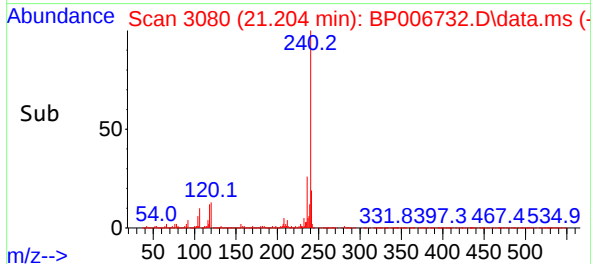
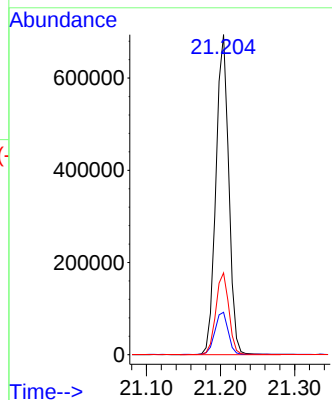
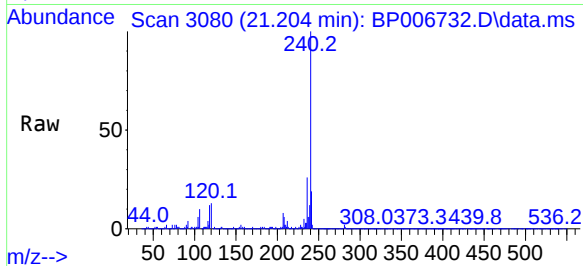




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

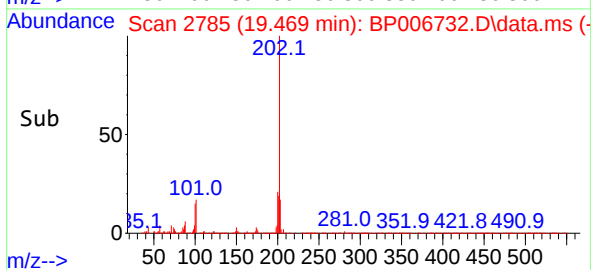
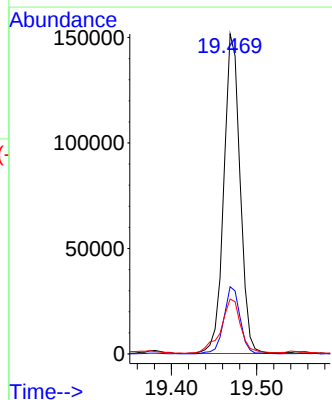
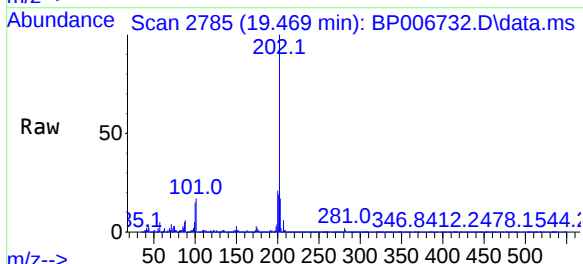
Instrument :
BNA_P
ClientSampleId :
WC-3

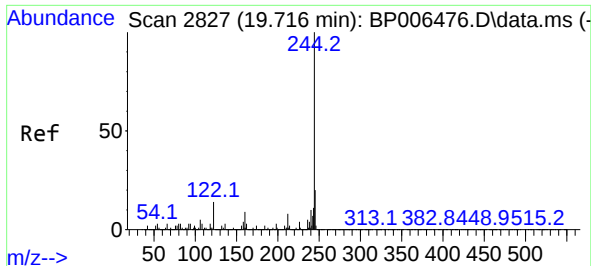
Tgt Ion:240 Resp: 831259
Ion Ratio Lower Upper
240 100
120 13.3 6.5 9.7#
236 25.6 20.6 31.0



#78
Pyrene
Concen: 3.613 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.012 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

Tgt Ion:202 Resp: 200610
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.1 14.2 21.2

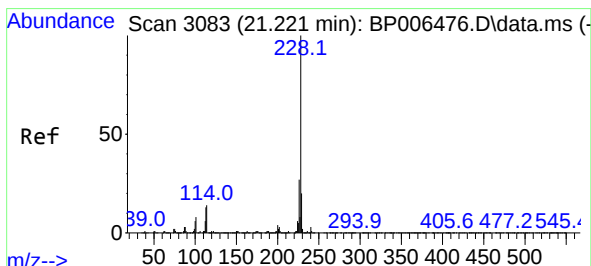
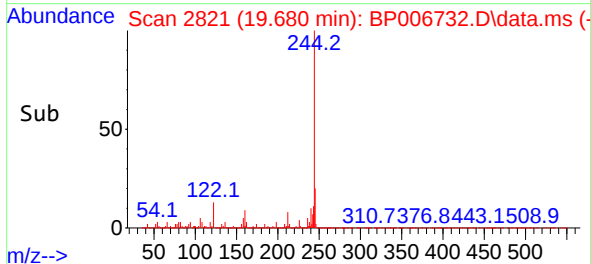
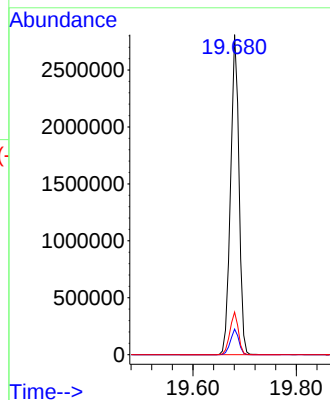
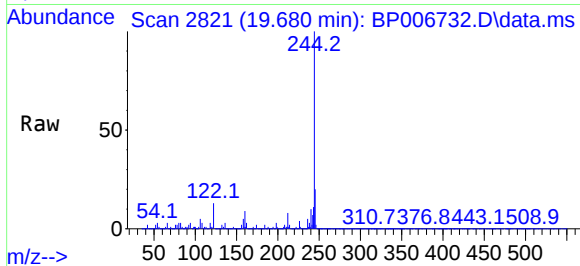




#79
Terphenyl-d14
Concen: 76.421 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

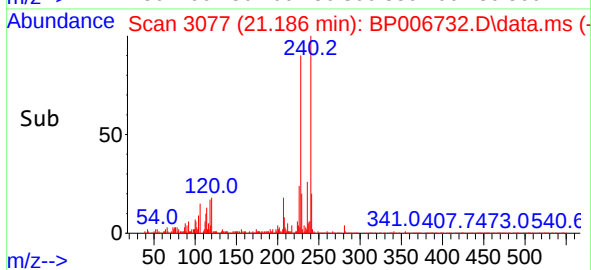
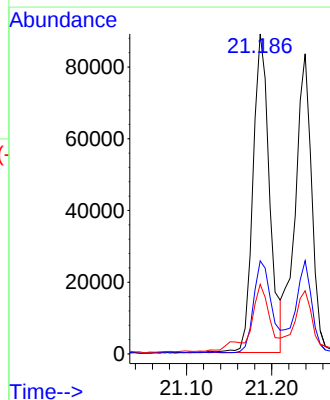
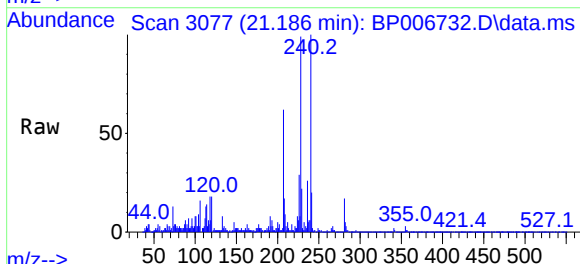
Instrument :
BNA_P
ClientSampled :
WC-3

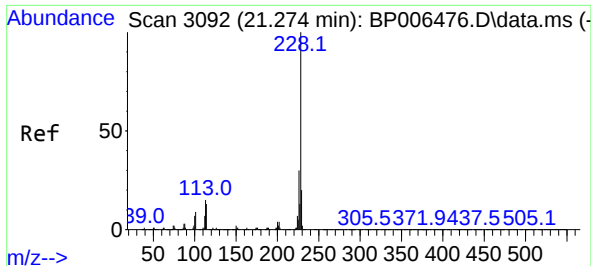
Tgt Ion:244 Resp: 3170292
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 13.3 7.1 10.7#



#81
Benzo(a)anthracene
Concen: 2.213 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.012 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

Tgt Ion:228 Resp: 120196
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 21.7 15.8 23.6

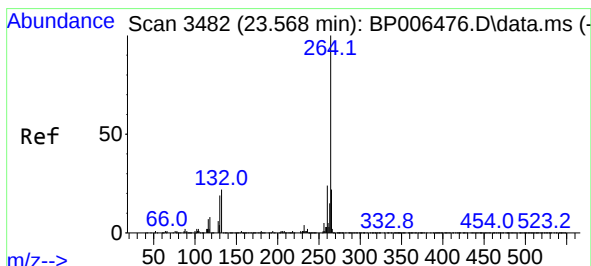
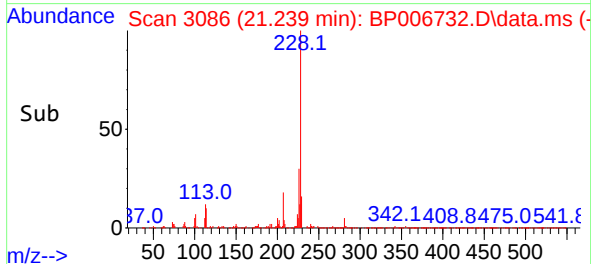
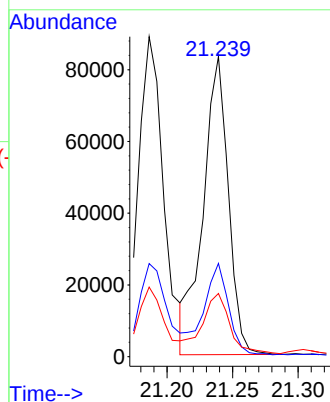
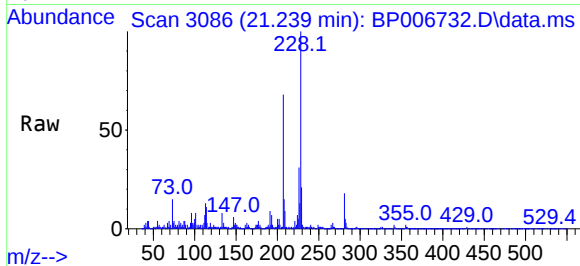




#83
Chrysene
Concen: 2.120 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.012 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

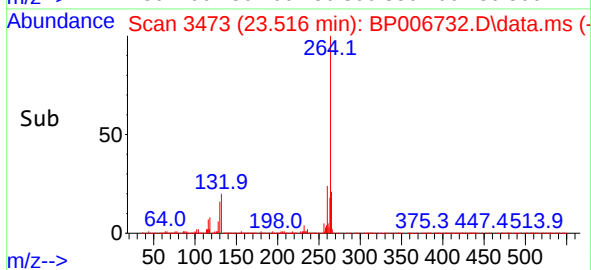
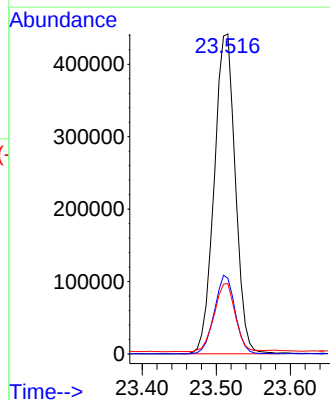
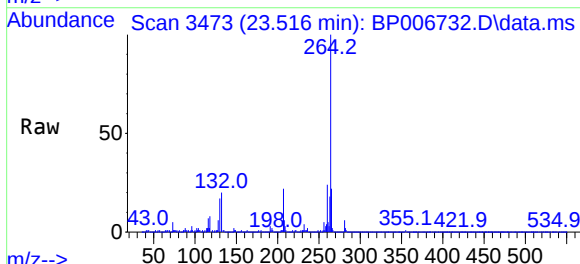
Instrument :
BNA_P
ClientSampled :
WC-3

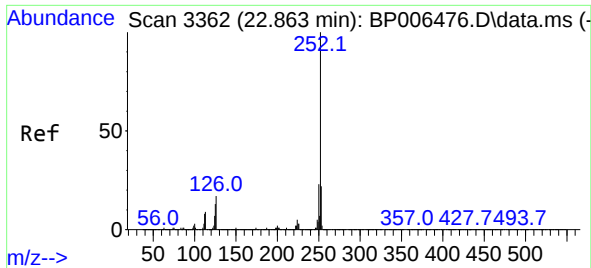
Tgt Ion:	228	Resp:	111675
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.6
229	21.0	15.4	23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

Tgt Ion:	264	Resp:	874553
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.0	17.6	26.4





#88
Benzo(b)fluoranthene
Concen: 2.341 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.012 min
Lab File: BP006732.D
Acq: 17 Aug 2021 23:11

Instrument :
BNA_P
ClientSampleId :
WC-3

Tgt Ion:252 Resp: 133054
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 16.3 6.2 9.4#

