

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081921\
 Data File : BP006785.D
 Acq On : 19 Aug 2021 17:28
 Operator : CG/JU
 Sample : M3397-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-07-1015

Quant Time: Aug 20 02:01:08 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)

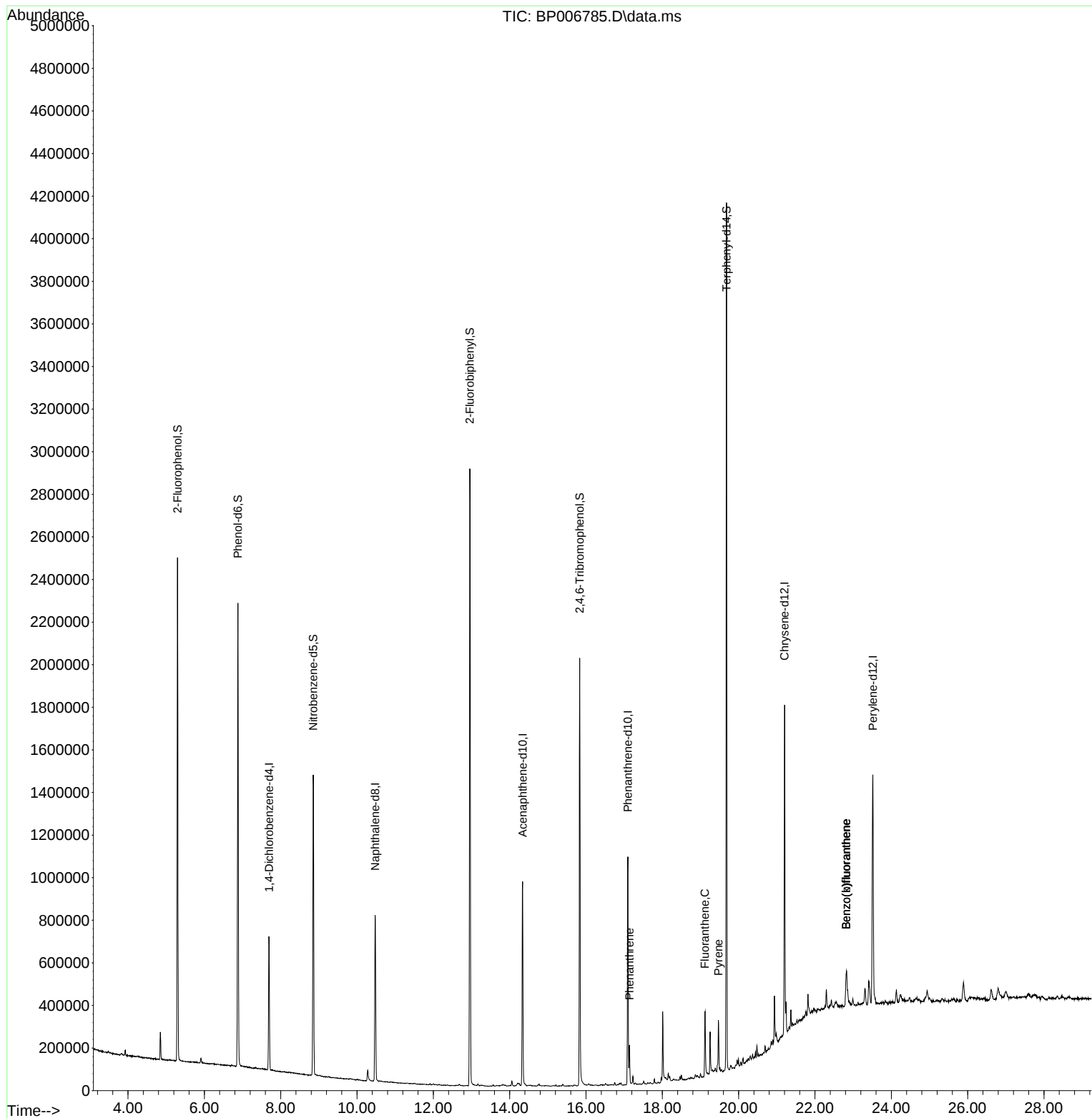
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	155329	20.000	ng	-0.01
21) Naphthalene-d8	10.475	136	608655	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	307866	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	568509	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	582345	20.000	ng	# 0.00
86) Perylene-d12	23.515	264	704445	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	972858	96.199	ng	0.00
7) Phenol-d6	6.881	99	1169823	81.432	ng	0.00
23) Nitrobenzene-d5	8.852	82	838968	63.623	ng	-0.01
42) 2,4,6-Tribromophenol	15.834	330	295925	91.972	ng	-0.01
45) 2-Fluorobiphenyl	12.957	172	1337319	64.989	ng	-0.01
79) Terphenyl-d14	19.680	244	1549148	53.304	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.139	178	97812	3.050	ng	99
75) Fluoranthene	19.116	202	150862	4.191	ng	94
78) Pyrene	19.469	202	125514	3.227	ng	98
88) Benzo(b)fluoranthene	22.816	252	141952	3.101	ng	# 92
89) Benzo(k)fluoranthene	22.816	252	141952	3.229	ng	# 92

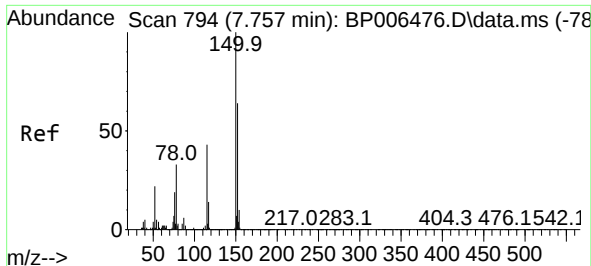
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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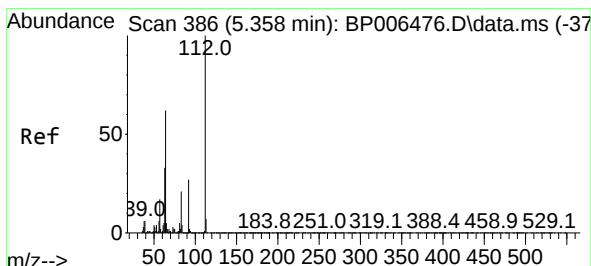
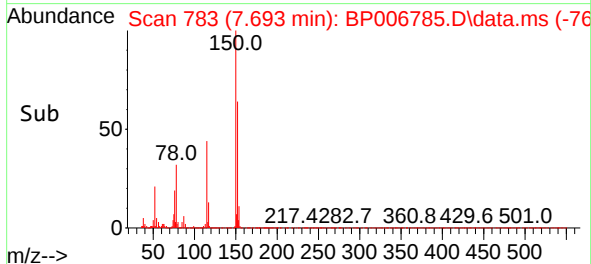
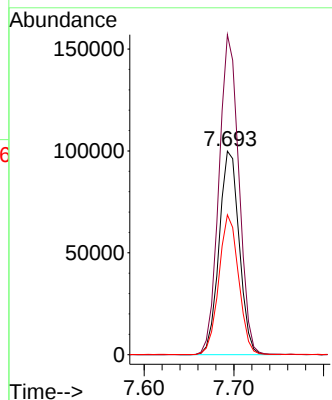
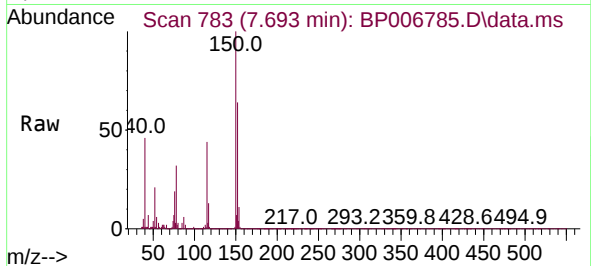




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.012 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

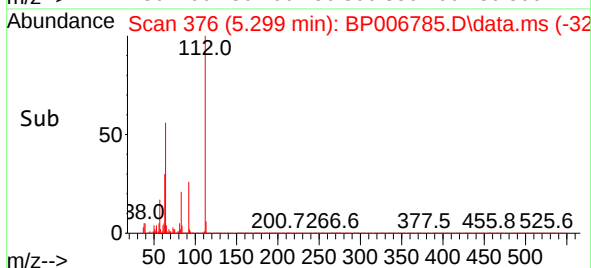
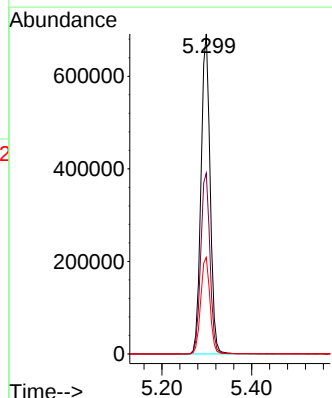
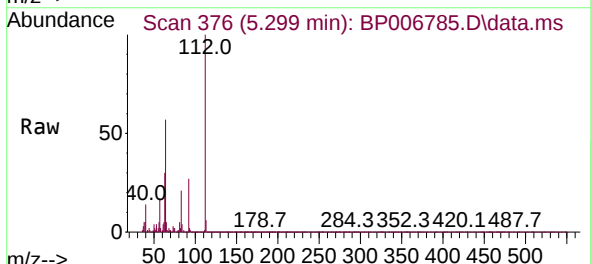
Instrument :
BNA_P
ClientSampleId :
SWCS-07-1015

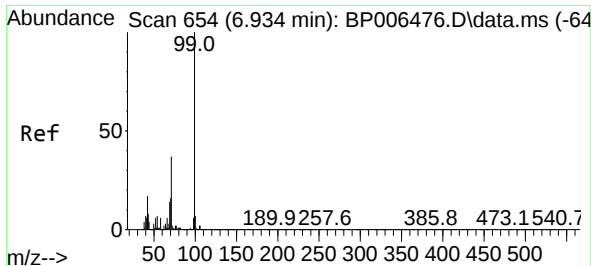
Tgt Ion:152 Resp: 155329
Ion Ratio Lower Upper
152 100
150 157.2 125.6 188.4
115 68.7 48.5 72.7



#5
2-Fluorophenol
Concen: 96.199 ng
RT: 5.299 min Scan# 376
Delta R.T. -0.006 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

Tgt Ion:112 Resp: 972858
Ion Ratio Lower Upper
112 100
64 56.5 41.4 62.2
63 30.2 23.8 35.8

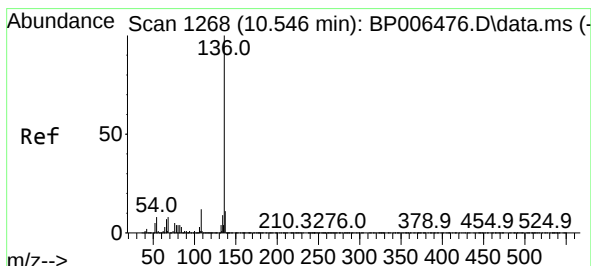
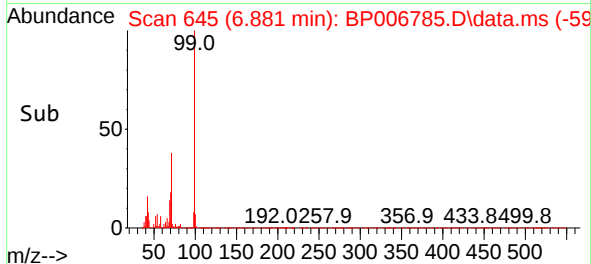
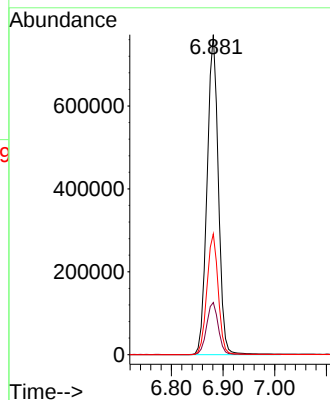
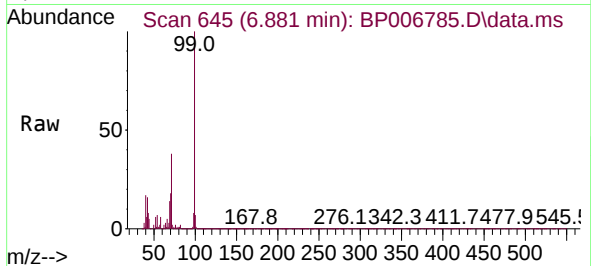




#7
Phenol-d6
Concen: 81.432 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

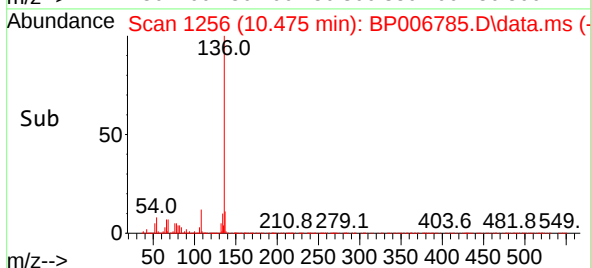
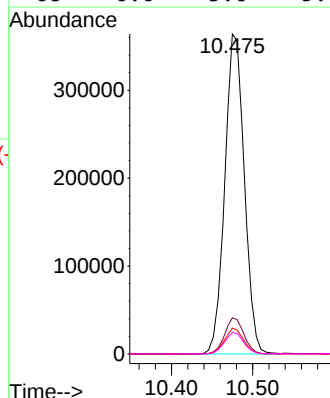
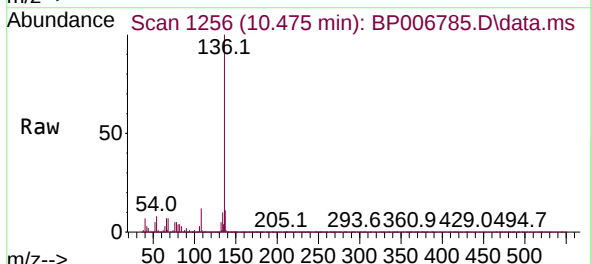
Instrument :
BNA_P
ClientSampleId :
SWCS-07-1015

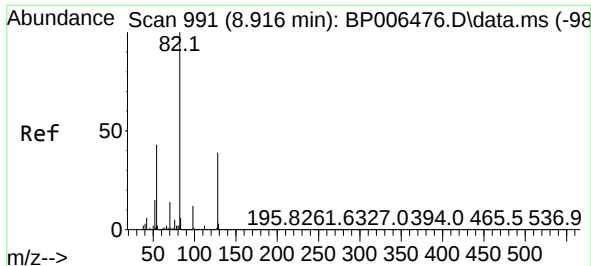
Tgt Ion: 99 Resp: 1169823
Ion Ratio Lower Upper
99 100
42 16.3 13.4 20.0
71 37.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.018 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

Tgt Ion: 136 Resp: 608655
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 8.1 4.6 6.8#
68 6.6 3.6 5.4#

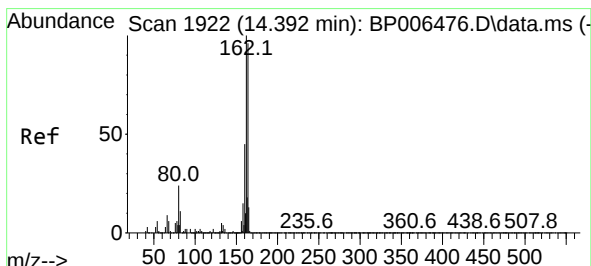
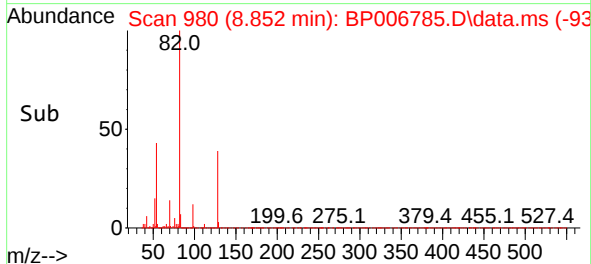
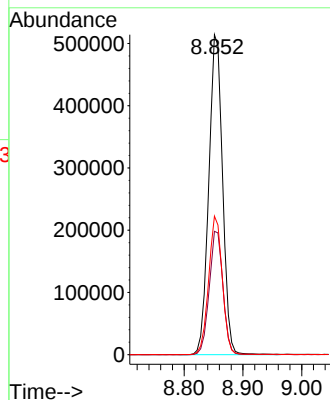
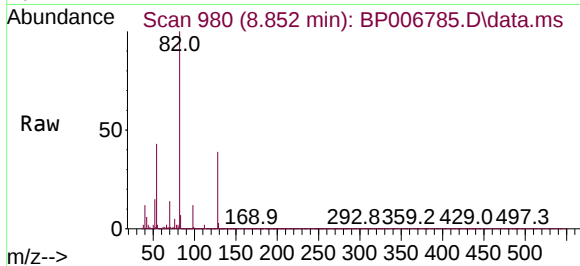




#23
Nitrobenzene-d5
Concen: 63.623 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.012 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

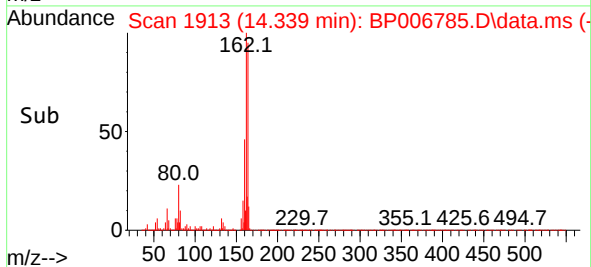
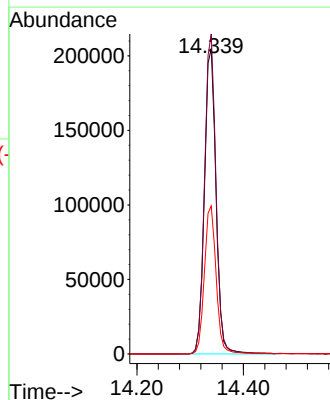
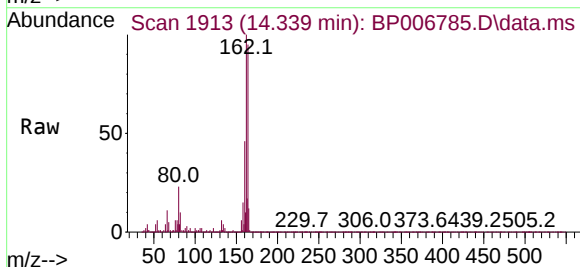
Instrument :
BNA_P
ClientSampleId :
SWCS-07-1015

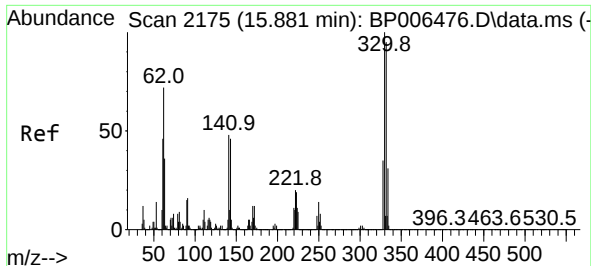
Tgt Ion:	82	Resp:	838968
Ion	Ratio	Lower	Upper
82	100		
128	38.6	35.7	53.5
54	43.3	35.0	52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

Tgt Ion:	164	Resp:	307866
Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.2	120.2
160	48.5	34.5	51.7

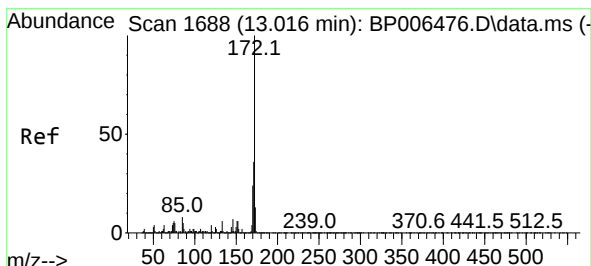
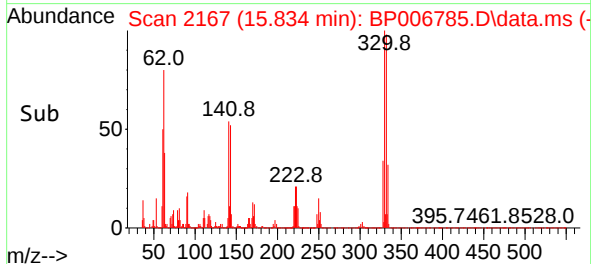
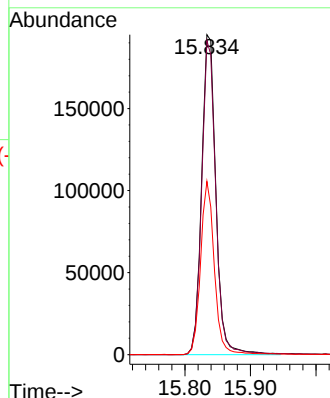
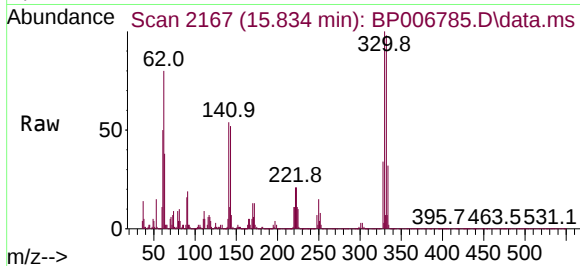




#42
2,4,6-Tribromophenol
Concen: 91.972 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

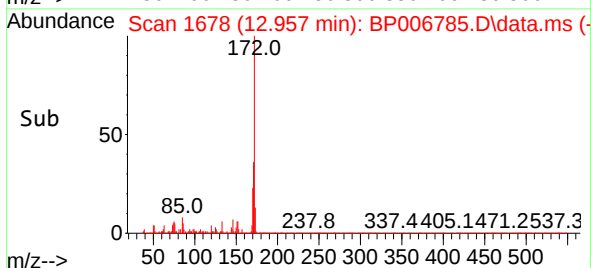
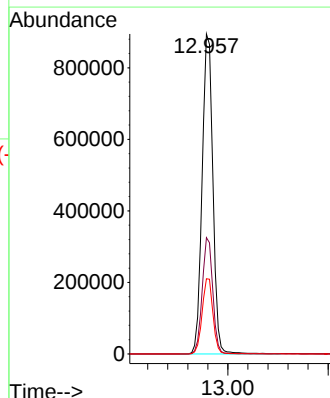
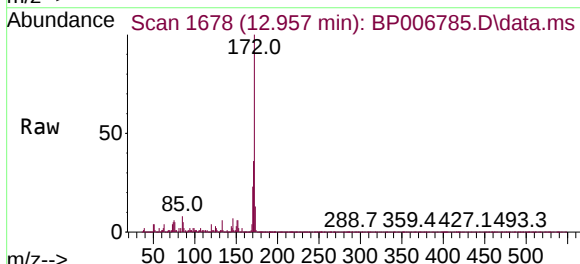
Instrument :
BNA_P
ClientSampleId :
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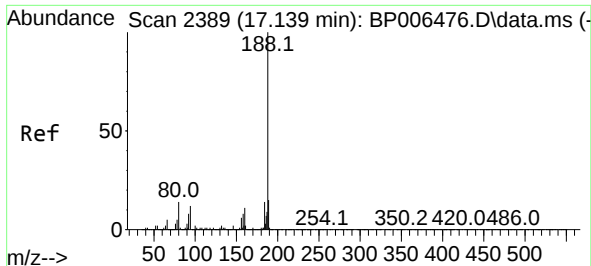
Tgt Ion:330 Resp: 295925
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 52.6 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 64.989 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

Tgt Ion:172 Resp: 1337319
Ion Ratio Lower Upper
172 100
171 36.4 27.9 41.9
170 23.5 18.6 27.8

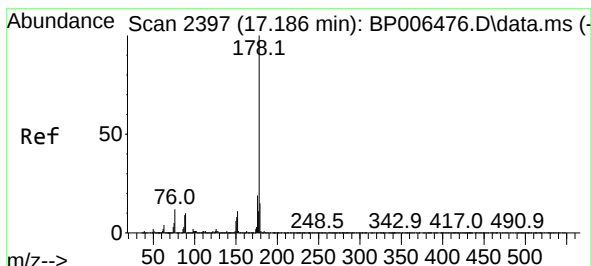
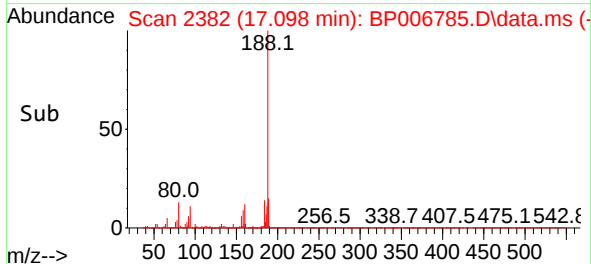
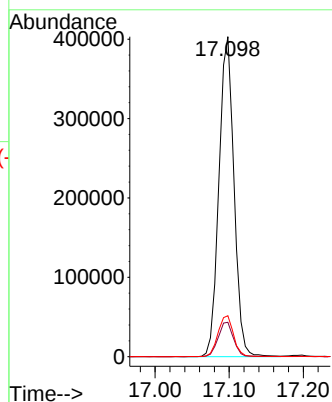
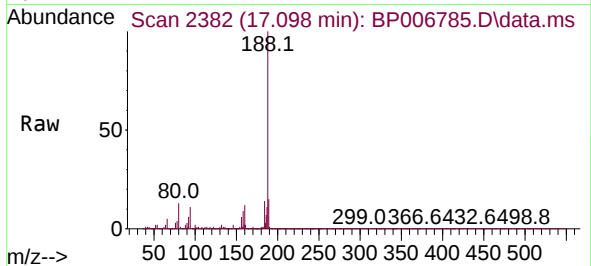




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

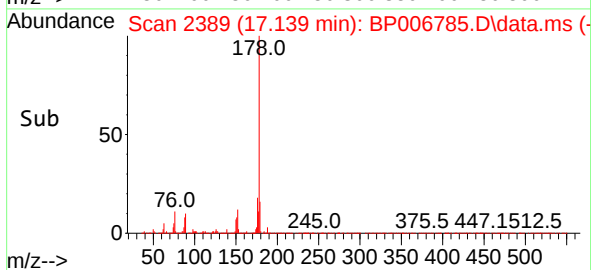
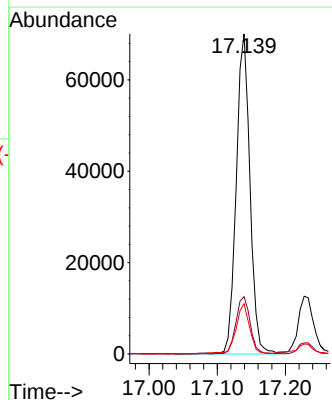
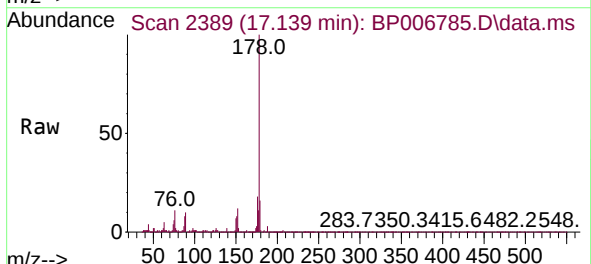
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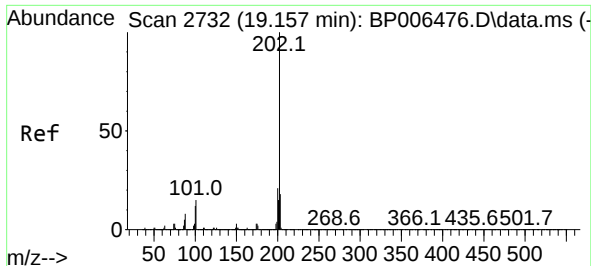
Tgt Ion:188 Resp: 568509
Ion Ratio Lower Upper
188 100
94 10.8 5.6 8.4#
80 12.8 6.3 9.5#



#71
Phenanthrene
Concen: 3.050 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

Tgt Ion:178 Resp: 97812
Ion Ratio Lower Upper
178 100
176 17.9 15.1 22.7
179 15.7 12.4 18.6

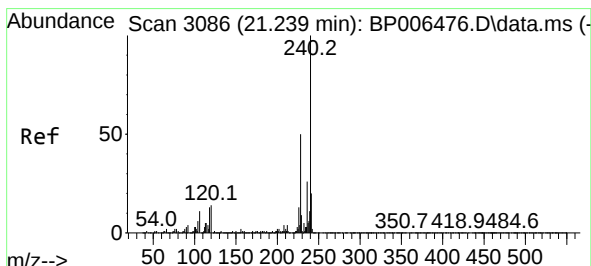
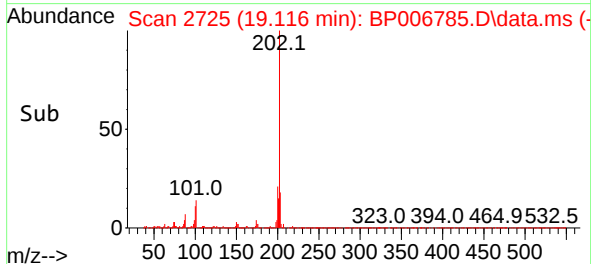
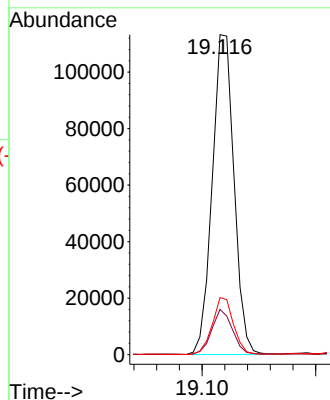
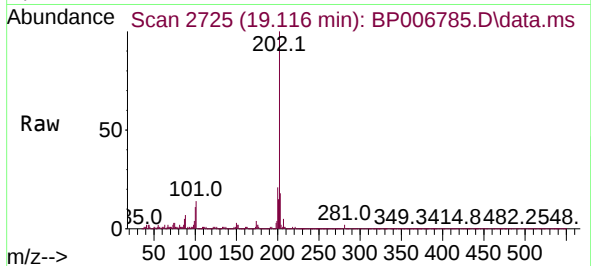




#75
Fluoranthene
Concen: 4.191 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.012 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

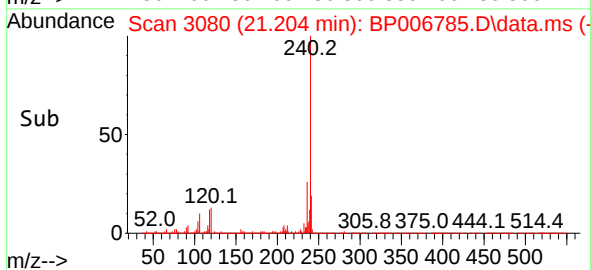
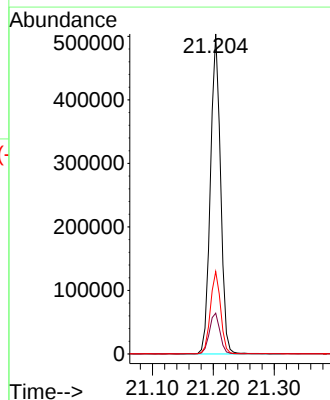
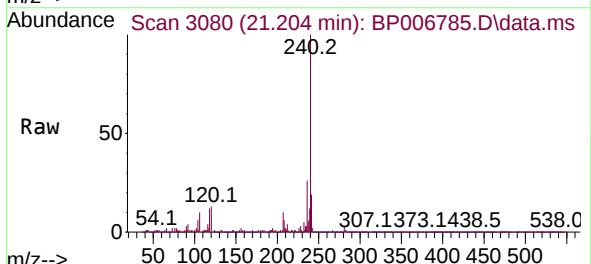
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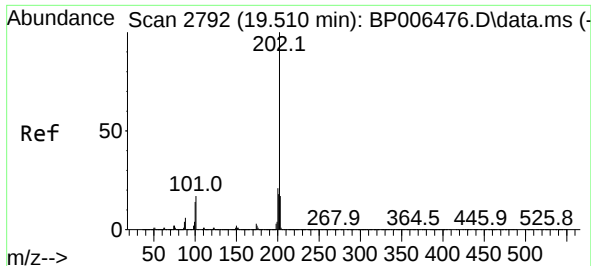
Tgt Ion:	202	Resp:	150862
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	27.6
203	17.8	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

Tgt Ion:	240	Resp:	582345
Ion Ratio	Lower	Upper	
240	100		
120	12.7	6.5	9.7#
236	25.7	20.6	31.0

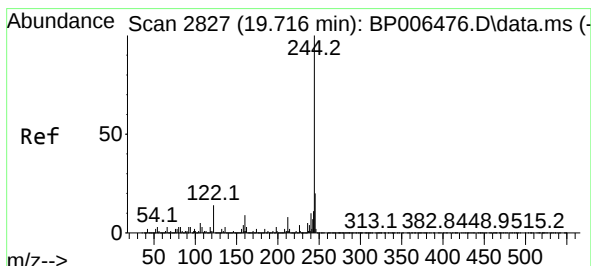
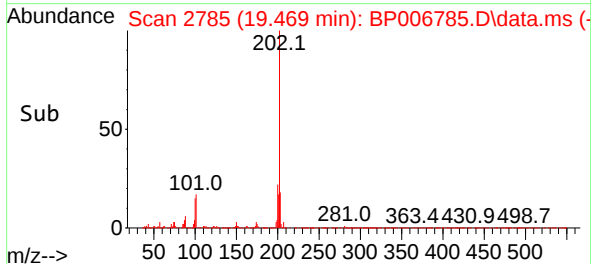
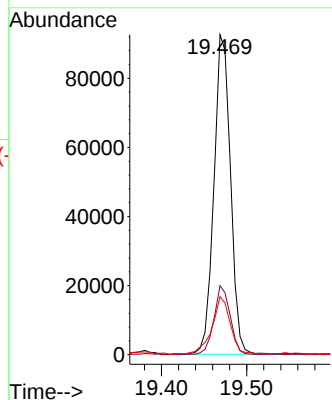
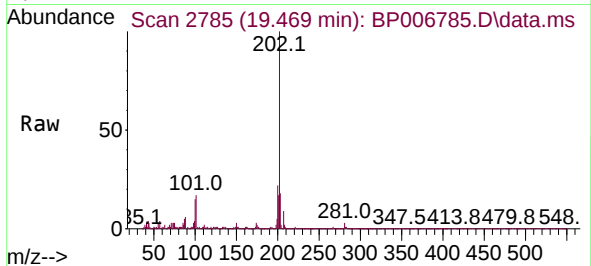




#78
Pyrene
Concen: 3.227 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.012 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

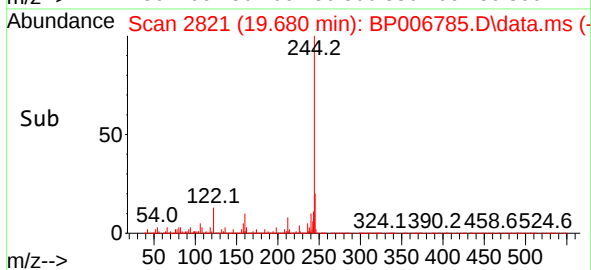
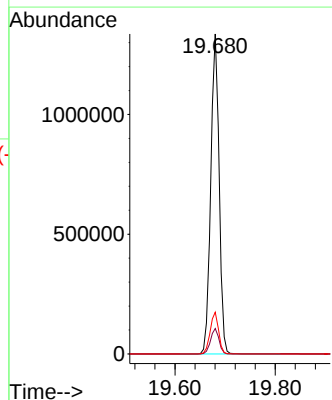
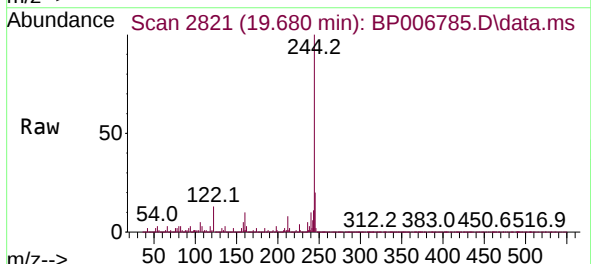
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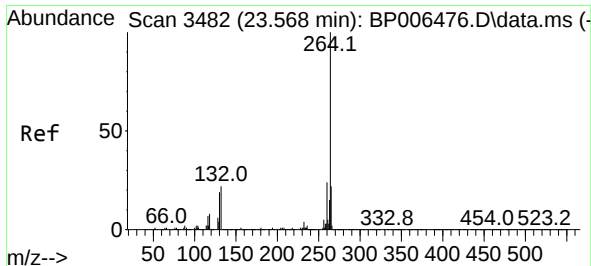
Tgt Ion:202 Resp: 125514
Ion Ratio Lower Upper
202 100
200 21.6 16.3 24.5
203 18.2 14.2 21.2



#79
Terphenyl-d14
Concen: 53.304 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

Tgt Ion:244 Resp: 1549148
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 13.0 7.1 10.7#

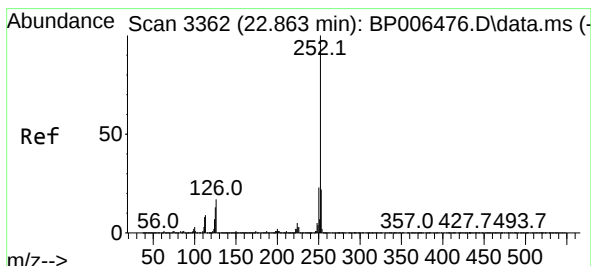
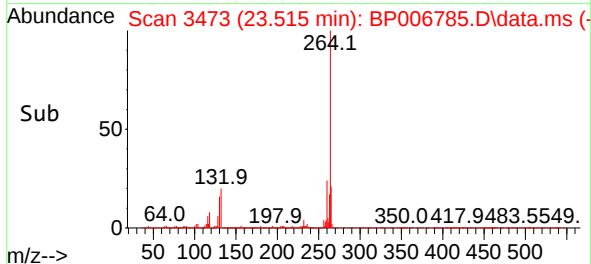
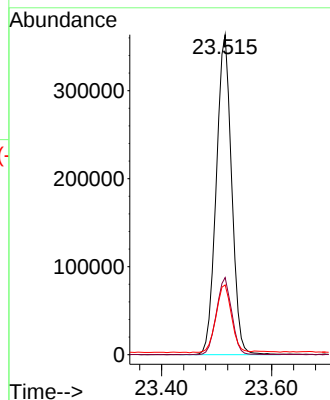
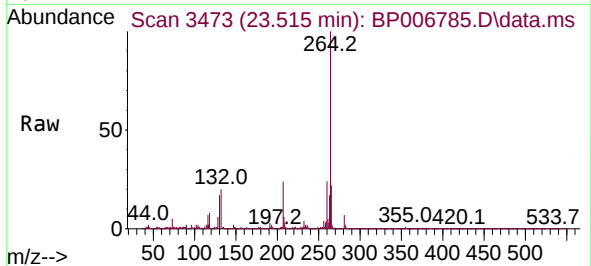




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

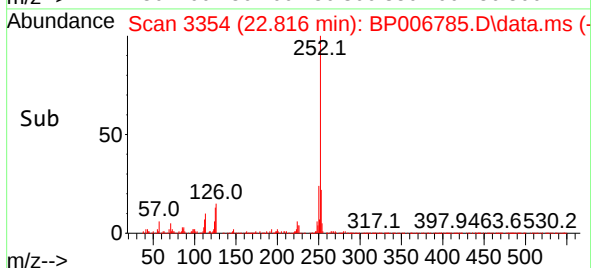
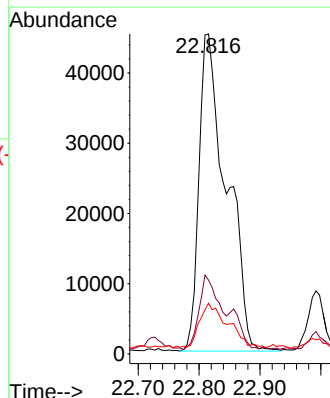
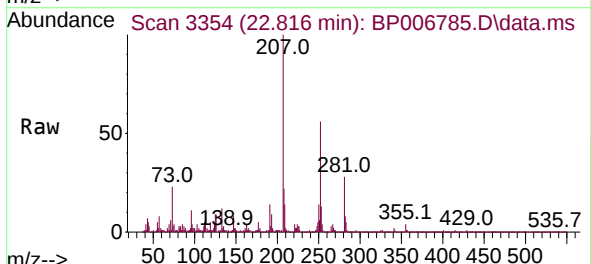
Instrument :
BNA_P
ClientSampleId :
SWCS-07-1015

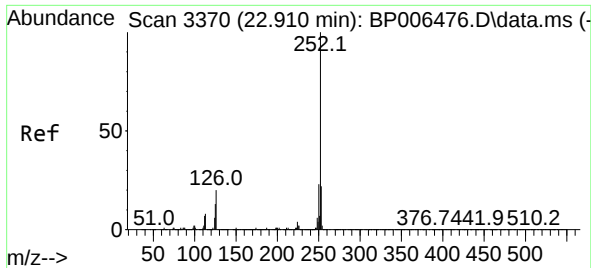
Tgt Ion:264 Resp: 704445
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.8 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 3.101 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.006 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

Tgt Ion:252 Resp: 141952
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 15.8 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 3.229 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.059 min
Lab File: BP006785.D
Acq: 19 Aug 2021 17:28

Instrument :
BNA_P
ClientSampleId :
SWCS-07-1015

Tgt Ion:252 Resp: 141952
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 15.8 6.0 9.0#

