

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008140.D
 Acq On : 29 Nov 2021 14:16
 Operator : CG/JU
 Sample : M4844-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K-1

Quant Time: Nov 29 15:11:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

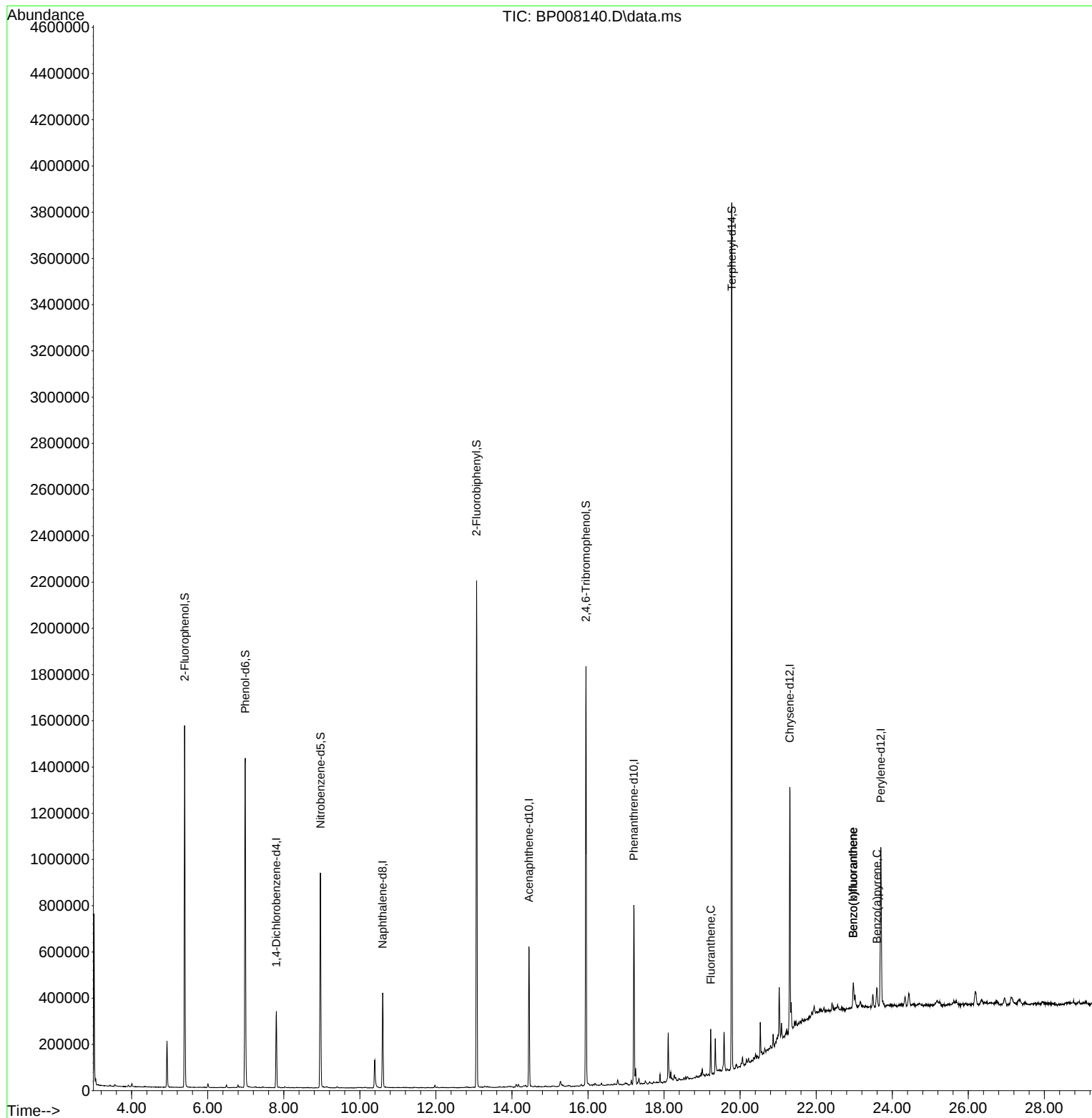
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	83325	20.000	ng	-0.01
21) Naphthalene-d8	10.599	136	316225	20.000	ng	-0.01
39) Acenaphthene-d10	14.445	164	206995	20.000	ng	-0.01
64) Phenanthrene-d10	17.204	188	456526	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	508914	20.000	ng	-0.01
86) Perylene-d12	23.698	264	547005	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	596513	115.265	ng	-0.01
7) Phenol-d6	6.987	99	783176	112.105	ng	-0.01
23) Nitrobenzene-d5	8.963	82	530524	76.289	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	328916	124.319	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	1102267	77.349	ng	-0.01
79) Terphenyl-d14	19.780	244	1822198	74.831	ng	0.00
Target Compounds						
9) Benzaldehyde	6.928	77	145	Below Cal	Qvalue #	19
75) Fluoranthene	19.228	202	110923	3.416 ng		99
88) Benzo(b)fluoranthene	22.974	252	81256	2.464 ng	#	97
89) Benzo(k)fluoranthene	22.974	252	81256	2.517 ng		97
90) Benzo(a)pyrene	23.598	252	57991	2.058 ng	#	95

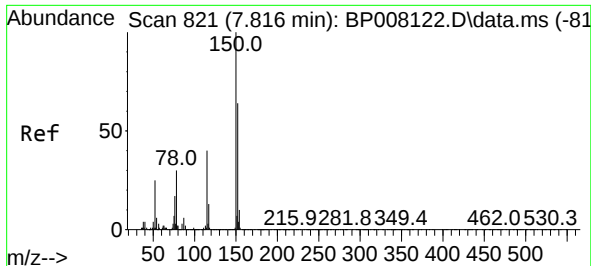
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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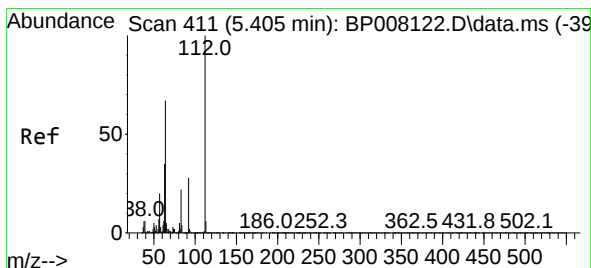
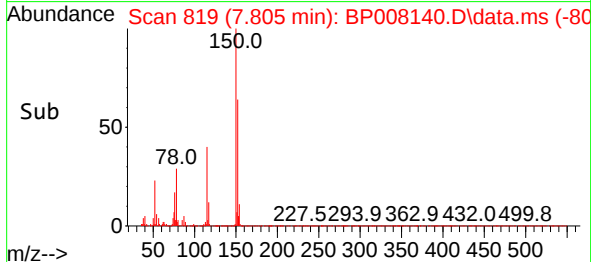
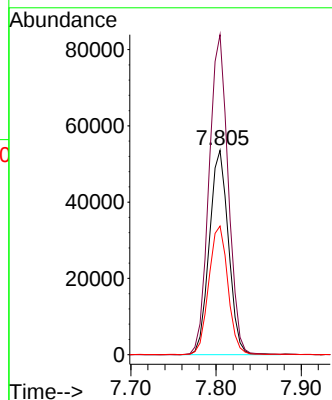
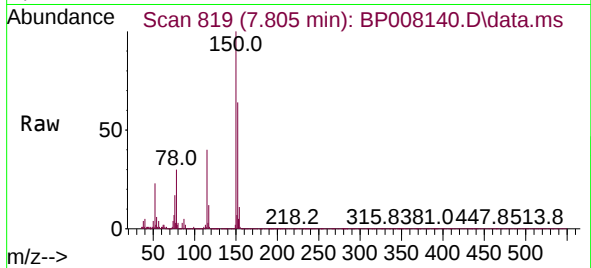




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

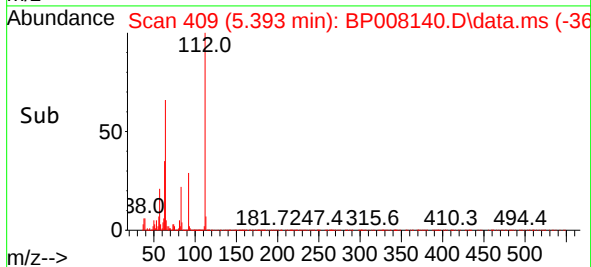
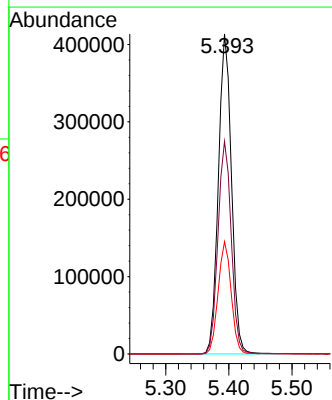
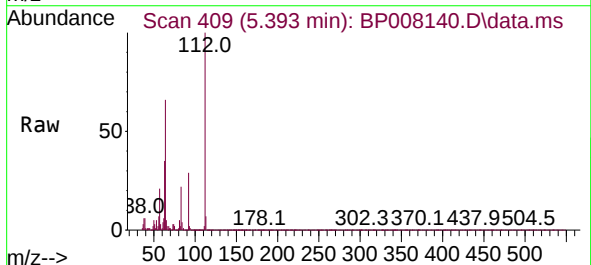
Instrument :
BNA_P
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K-1

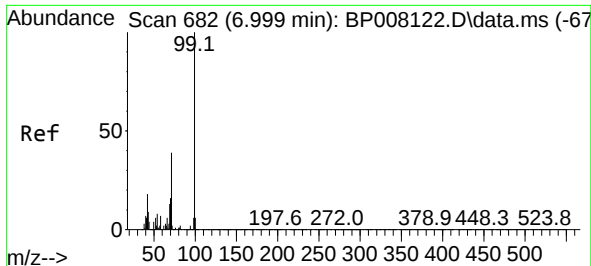
Tgt Ion:152 Resp: 83325
Ion Ratio Lower Upper
152 100
150 156.6 125.7 188.5
115 62.9 50.7 76.1



#5
2-Fluorophenol
Concen: 115.265 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

Tgt Ion:112 Resp: 596513
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 35.1 27.8 41.8

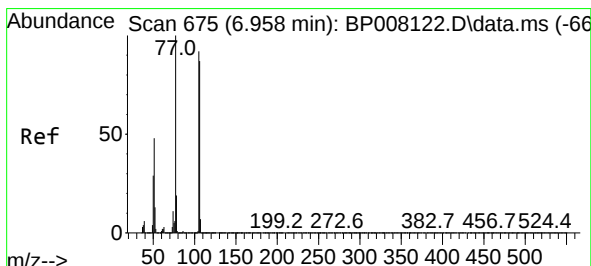
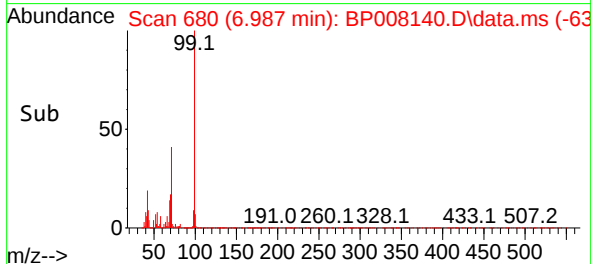
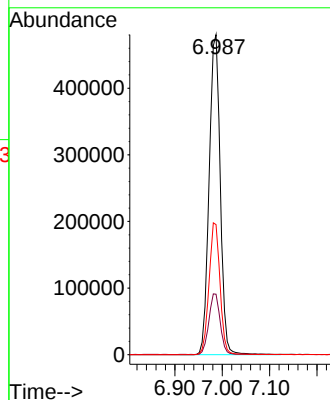
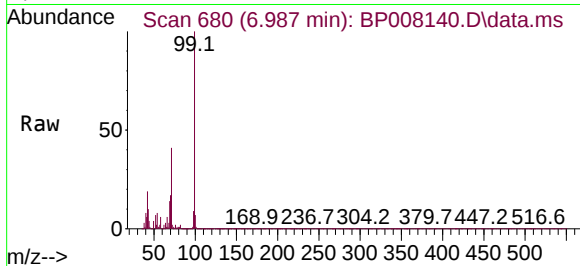




#7
Phenol-d6
Concen: 112.105 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

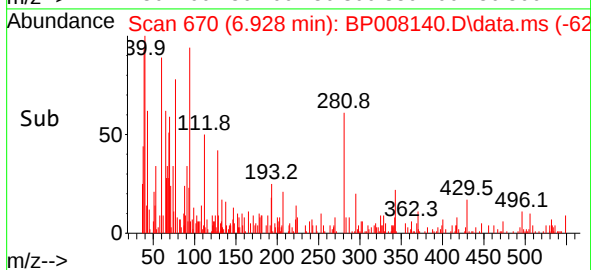
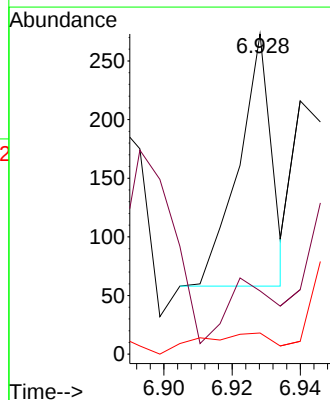
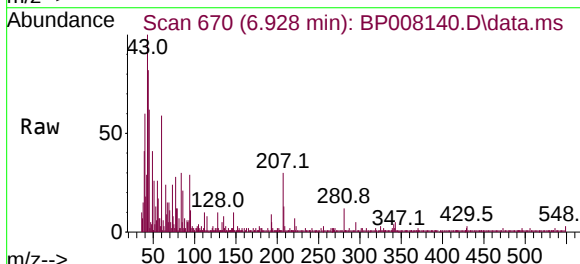
Instrument :
BNA_P
ClientSampleId :
K-1

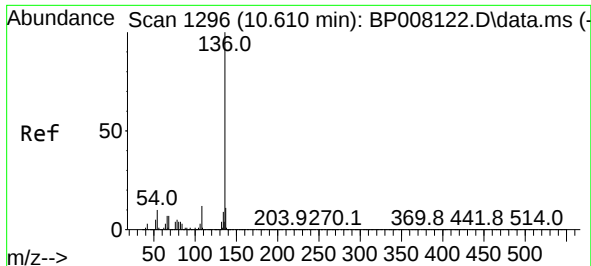
Tgt Ion: 99 Resp: 783176
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 40.6 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.928 min Scan# 670
Delta R.T. -0.030 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

Tgt Ion: 77 Resp: 145
Ion Ratio Lower Upper
77 100
105 19.8 71.8 111.8#
106 6.6 67.3 107.3#

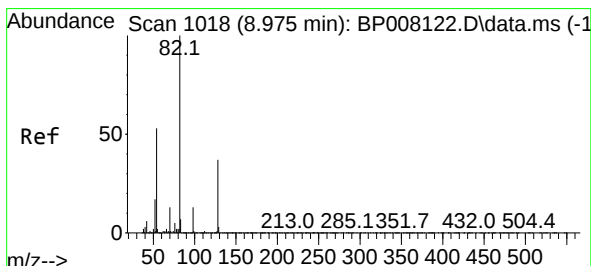
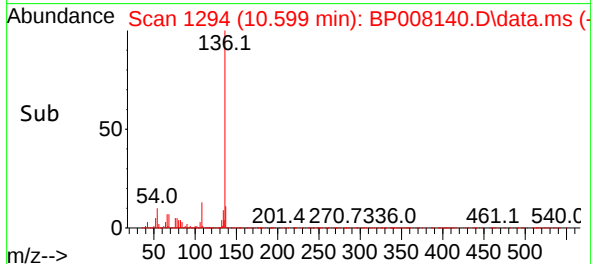
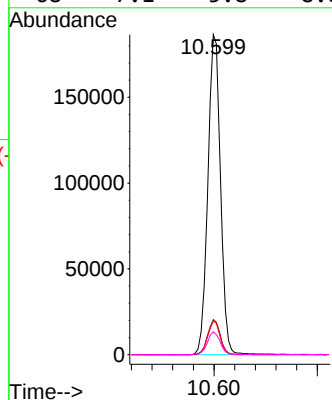
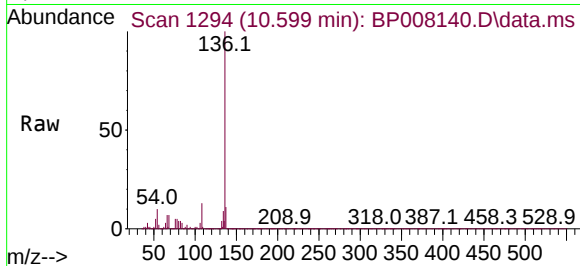




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

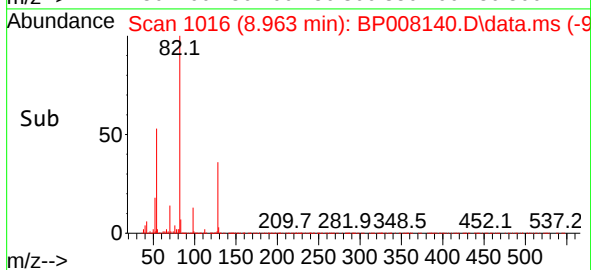
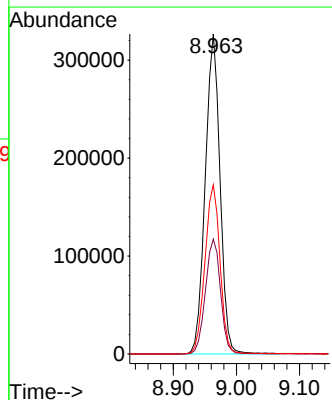
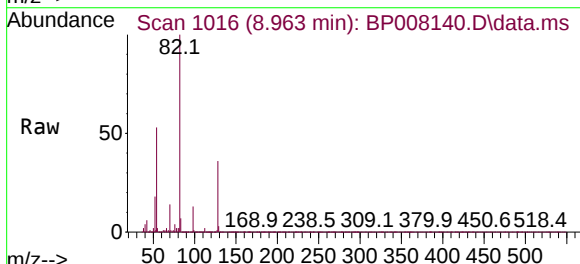
Instrument :
BNA_P
ClientSampleId :
K-1

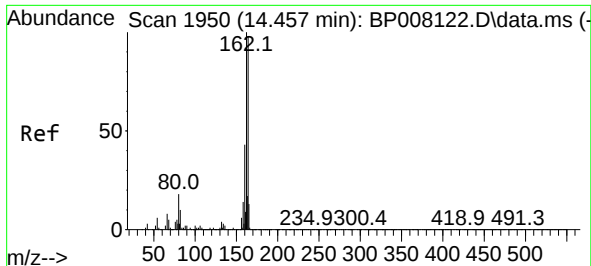
Tgt Ion:	136	Resp:	316225
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	10.5	8.2	12.4
68	7.1	5.8	8.8



#23
Nitrobenzene-d5
Concen: 76.289 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

Tgt Ion:	82	Resp:	530524
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.6	44.4
54	52.9	42.7	64.1

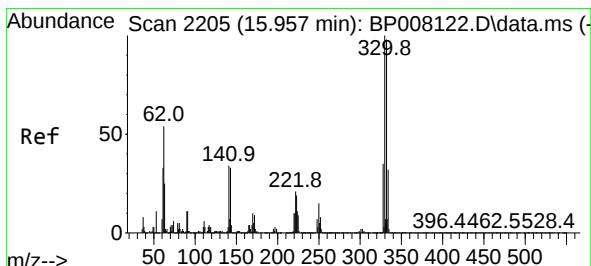
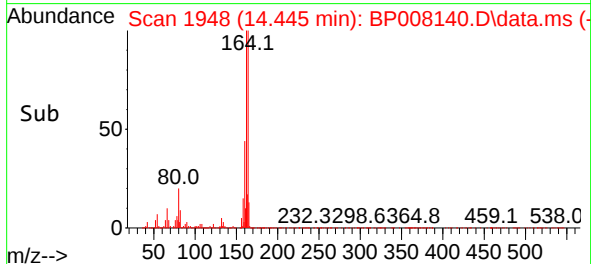
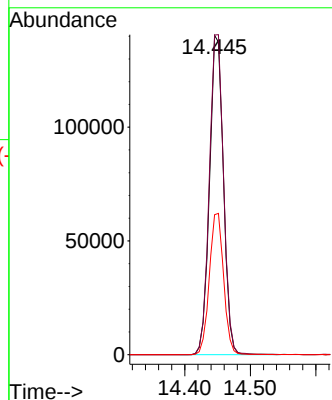
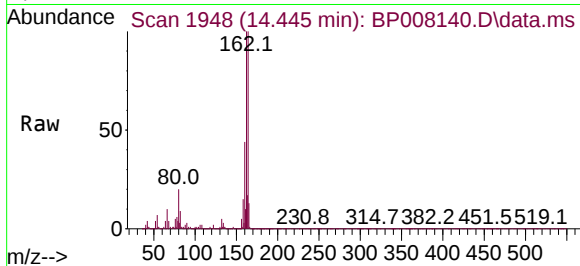




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

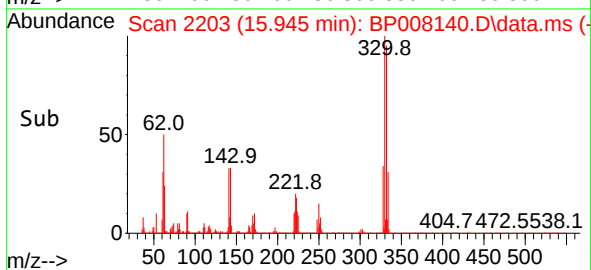
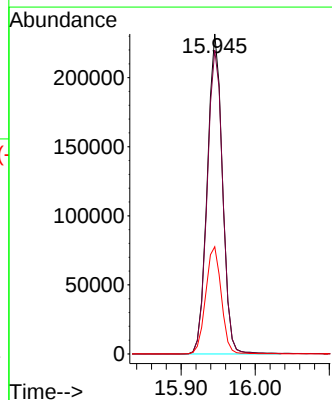
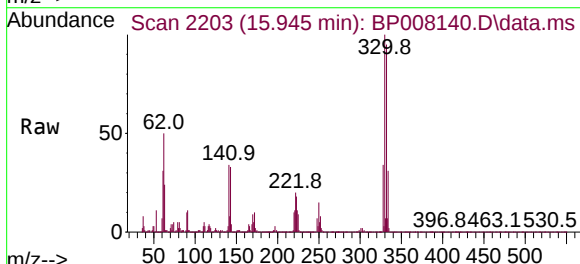
Instrument :
BNA_P
ClientSampleId :
K-1

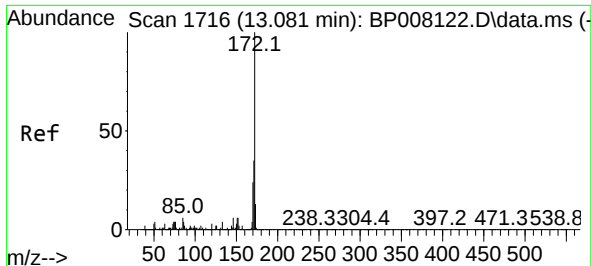
Tgt Ion:164 Resp: 206995
Ion Ratio Lower Upper
164 100
162 100.1 81.9 122.9
160 43.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 124.319 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

Tgt Ion:330 Resp: 328916
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 34.5 28.4 42.6

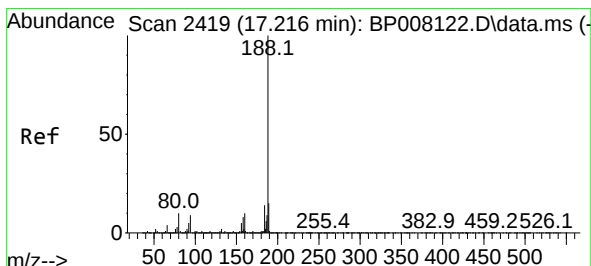
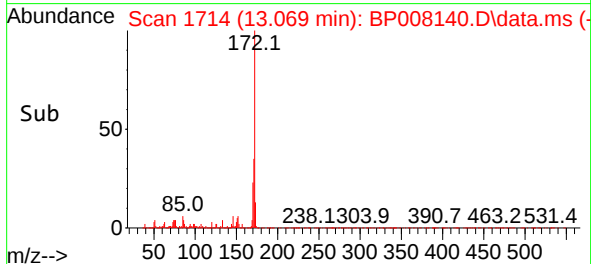
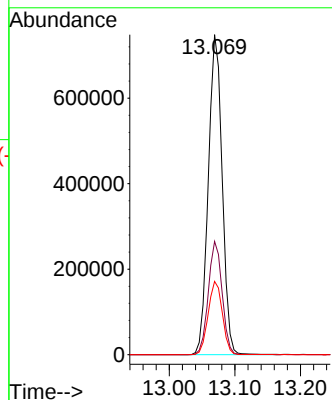
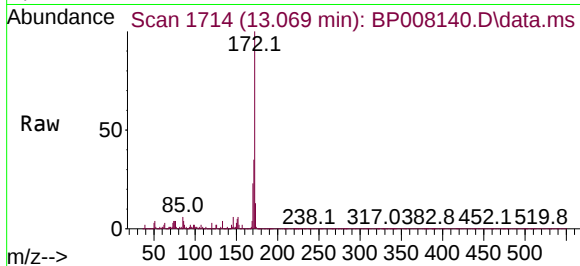




#45
2-Fluorobiphenyl
Concen: 77.349 ng
RT: 13.069 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

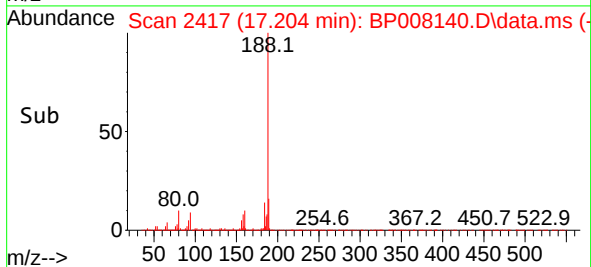
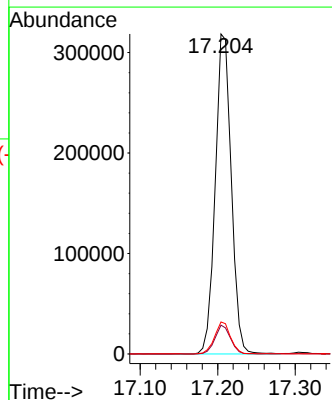
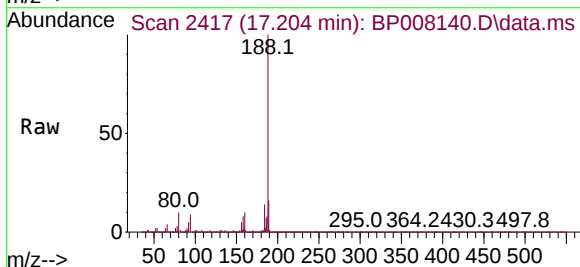
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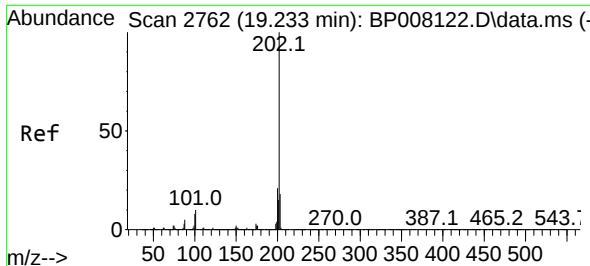
Tgt Ion:172 Resp: 1102267
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 22.9 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

Tgt Ion:188 Resp: 456526
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.0 8.2 12.4

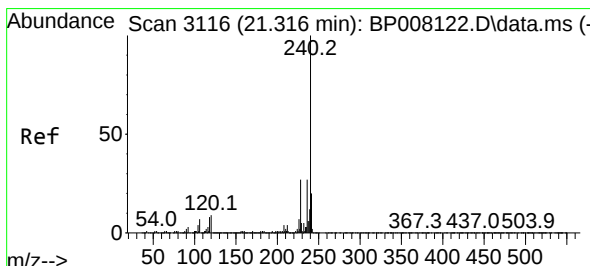
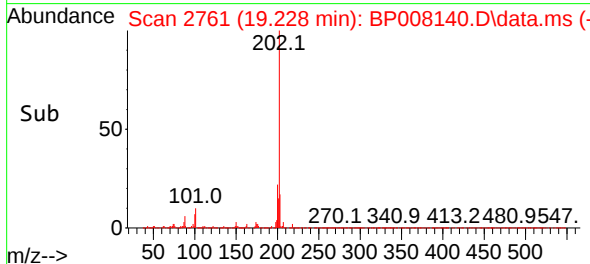
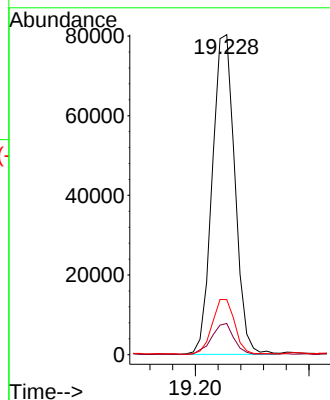
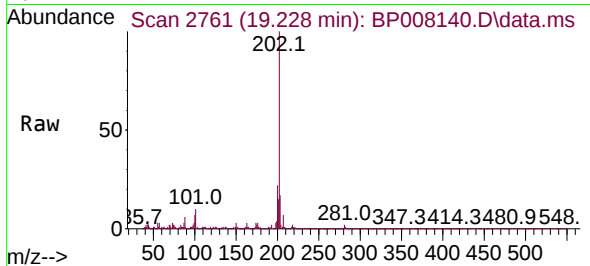




#75
Fluoranthene
Concen: 3.416 ng
RT: 19.228 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

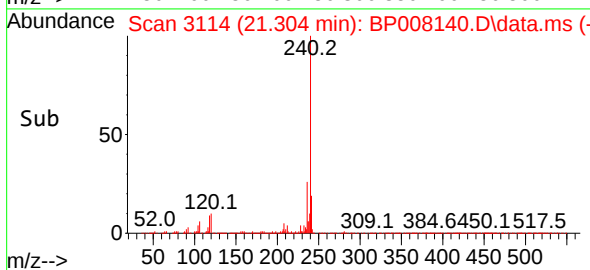
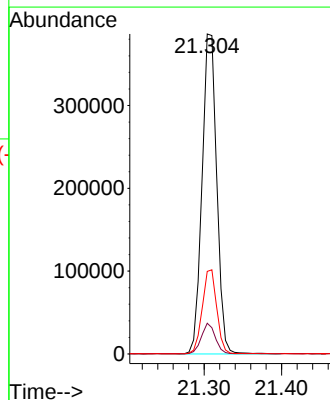
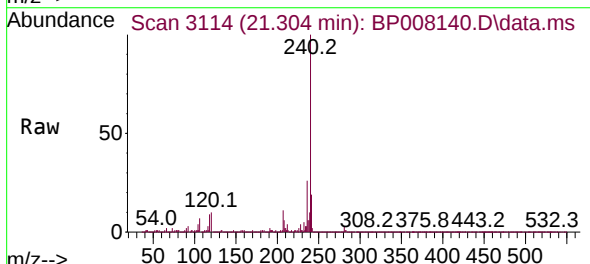
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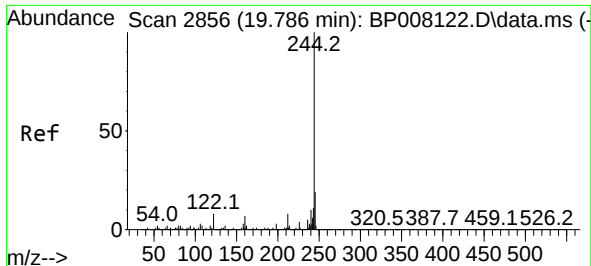
Tgt Ion:202 Resp: 110923
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.8
203 17.2 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

Tgt Ion:240 Resp: 508914
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 25.8 21.4 32.2



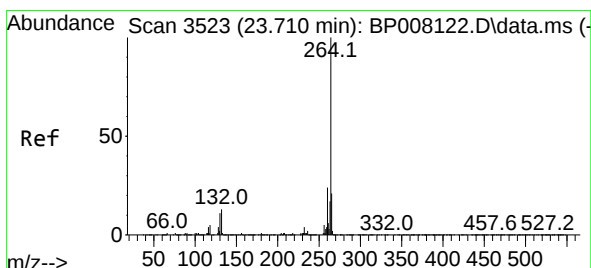
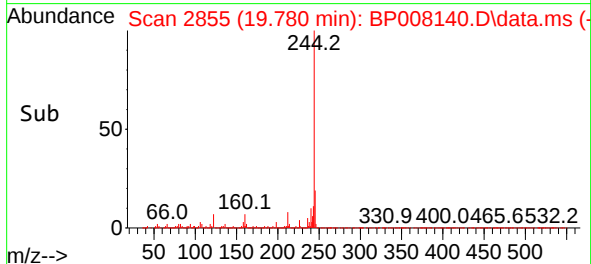
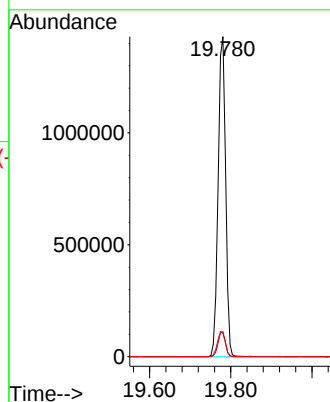
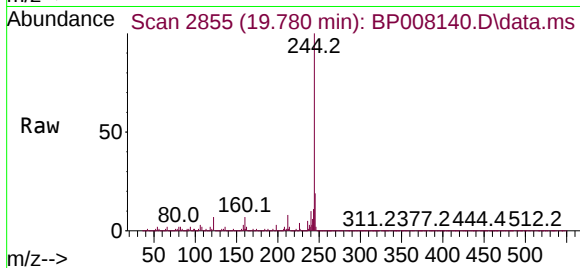


#79
 Terphenyl-d14
 Concen: 74.831 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008140.D
 Acq: 29 Nov 2021 14:16

Instrument :
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Tgt Ion:244 Resp: 1822198

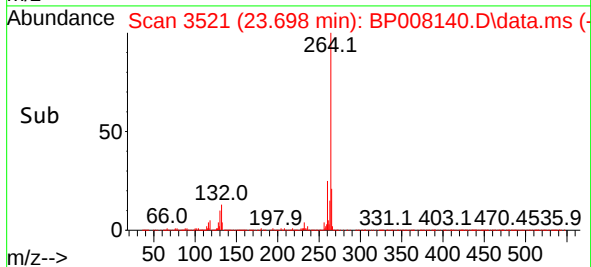
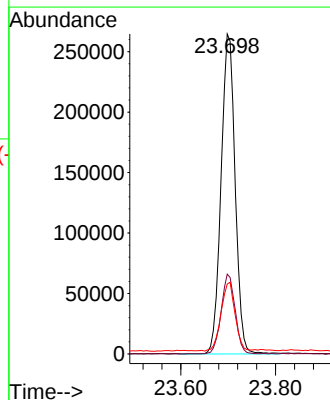
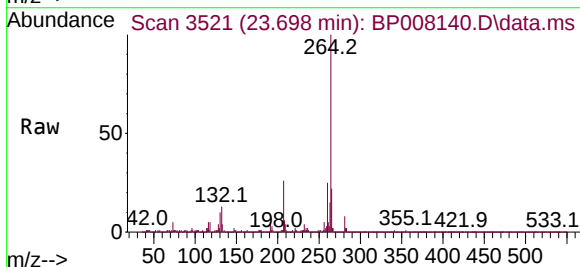
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	7.4	6.6	9.8

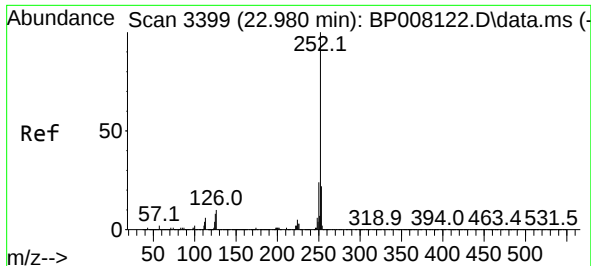


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 3521
 Delta R.T. -0.012 min
 Lab File: BP008140.D
 Acq: 29 Nov 2021 14:16

Tgt Ion:264 Resp: 547005

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.8	17.6	26.4

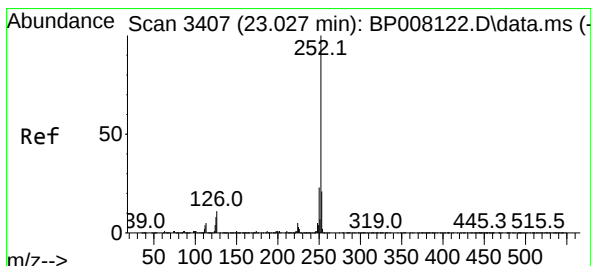
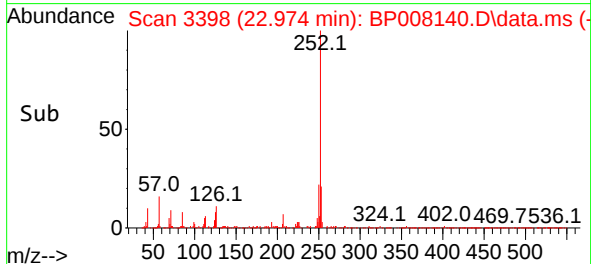
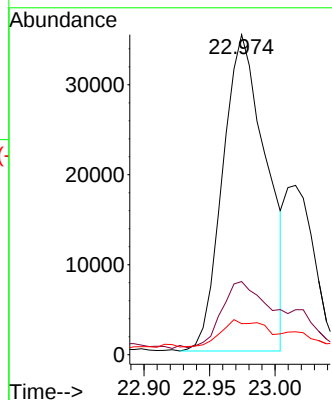
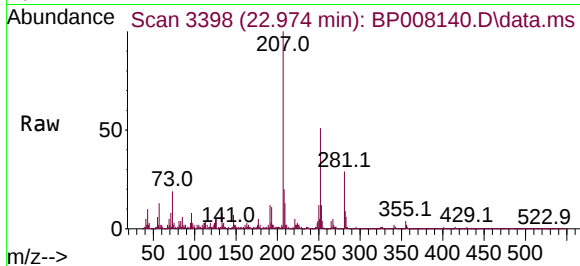




#88
Benzo(b)fluoranthene
Concen: 2.464 ng
RT: 22.974 min Scan# 3398
Delta R.T. -0.006 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

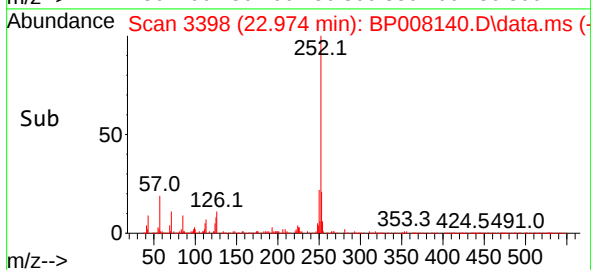
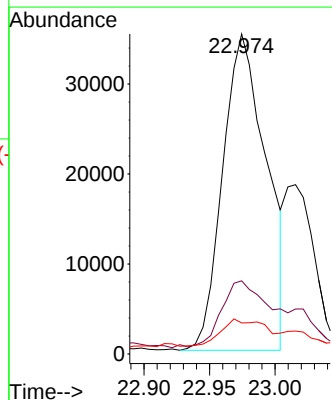
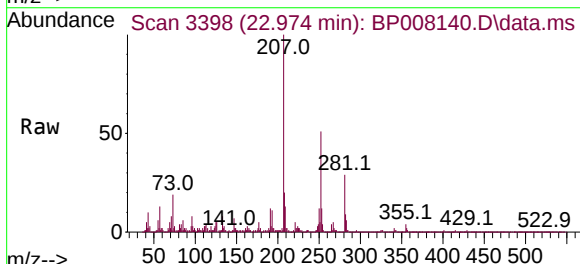
Instrument :
BNA_P
ClientSampleId :
K-1

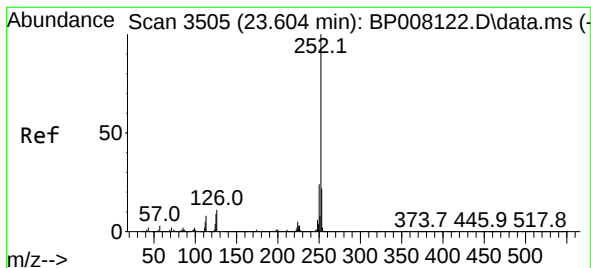
Tgt Ion:252 Resp: 81256
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.7 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.517 ng
RT: 22.974 min Scan# 3398
Delta R.T. -0.053 min
Lab File: BP008140.D
Acq: 29 Nov 2021 14:16

Tgt Ion:252 Resp: 81256
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 9.7 6.5 9.7





#90

Benzo(a)pyrene

Concen: 2.058 ng

RT: 23.598 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP008140.D

Acq: 29 Nov 2021 14:16

Instrument :

BNA_P

ClientSampleId :

K-1

Tgt Ion:252 Resp: 57991

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

125 12.7 7.4 11.0#

