

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001115.D
 Acq On : 28 Nov 2019 08:47
 Operator : JU
 Sample : K5663-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-112219

Quant Time: Nov 29 03:19:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

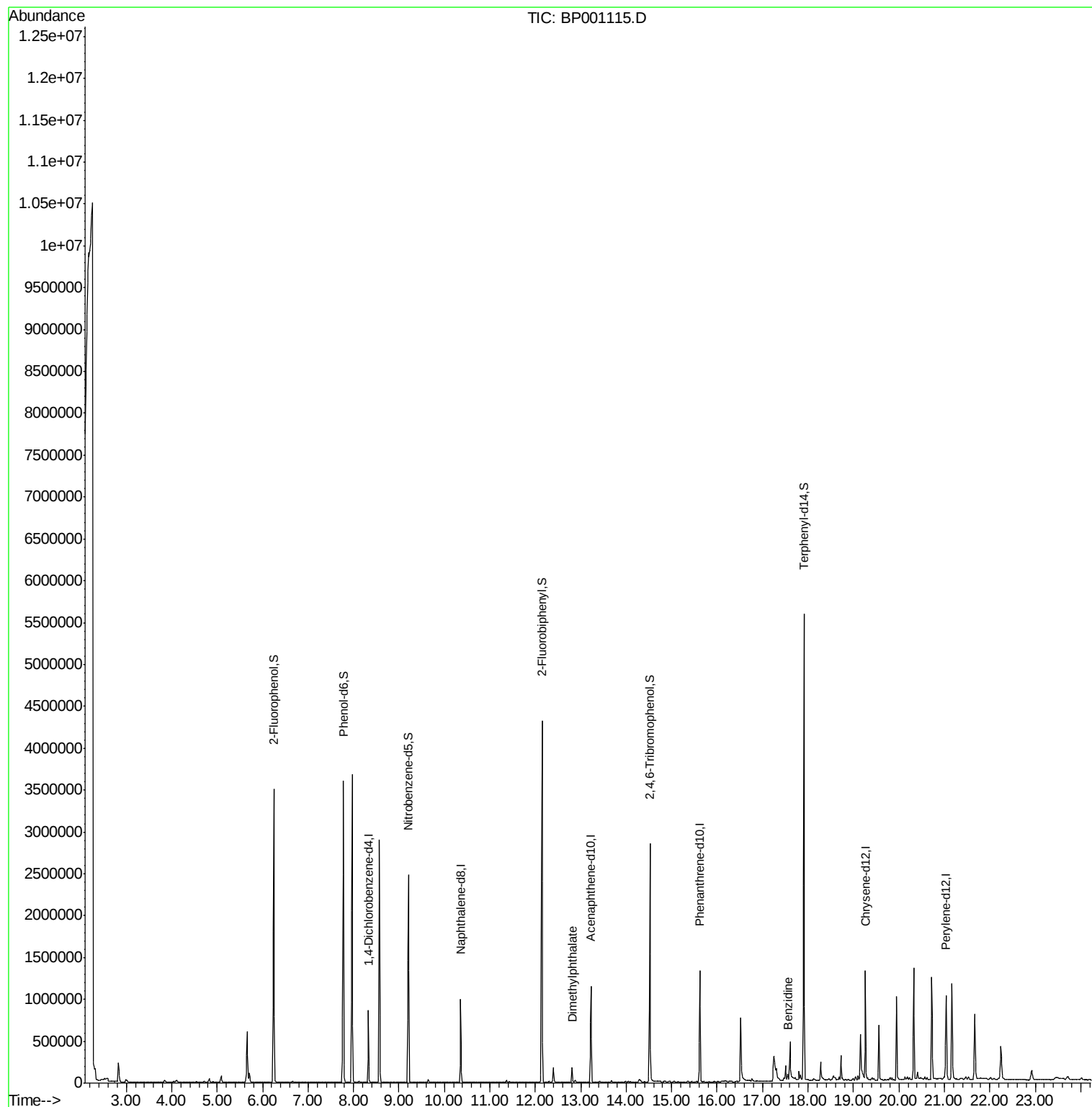
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	145233	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	536611	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	305812	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	590335	20.00	ng	0.00
76) Chrysene-d12	19.26	240	472519	20.00	ng	-0.01
87) Perylene-d12	21.04	264	507794	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	1193447	136.33	ng	0.02
7) Phenol-d6	7.78	99	1609530	138.01	ng	0.01
23) Nitrobenzene-d5	9.21	82	1068699	86.41	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	402954	137.47	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1759419	84.20	ng	0.00
79) Terphenyl-d14	17.91	244	2240283	87.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	12.81	163	83770	3.663	ng	98
77) Benzidine	17.56	184	30156	2.472	ng	# 96

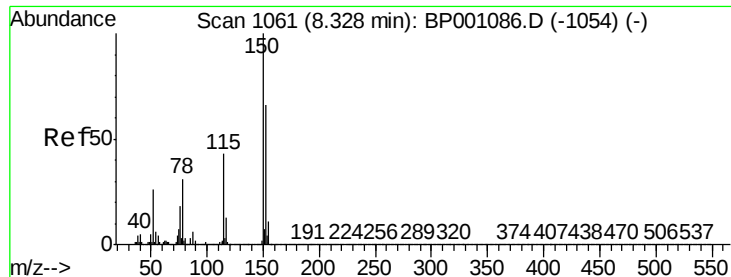
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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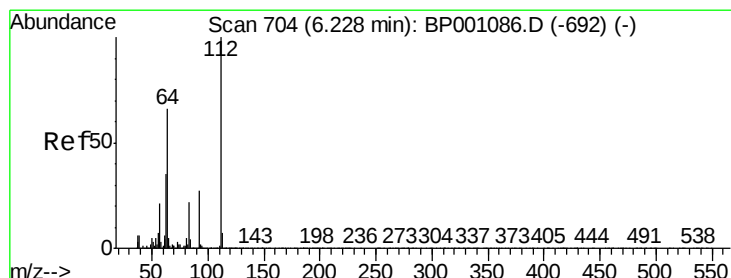
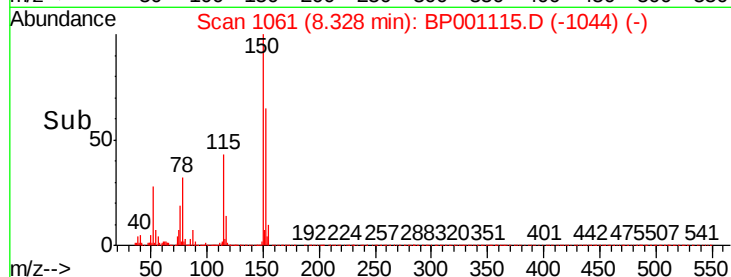
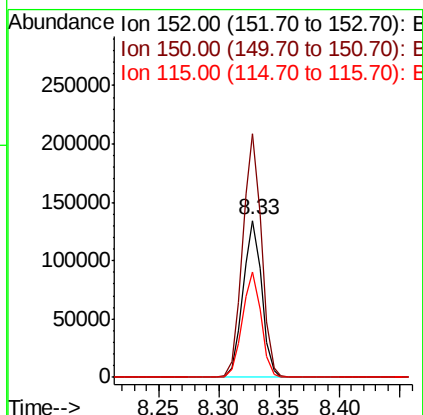
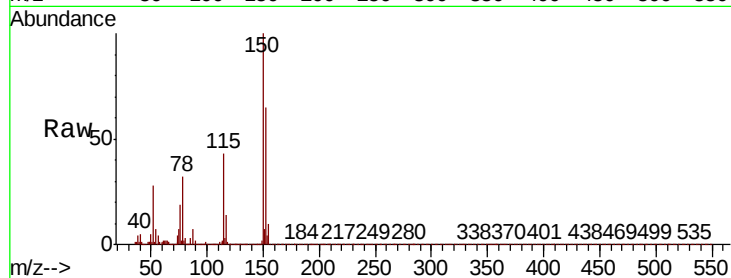




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001115.D
 Acq: 28 Nov 2019 08:47

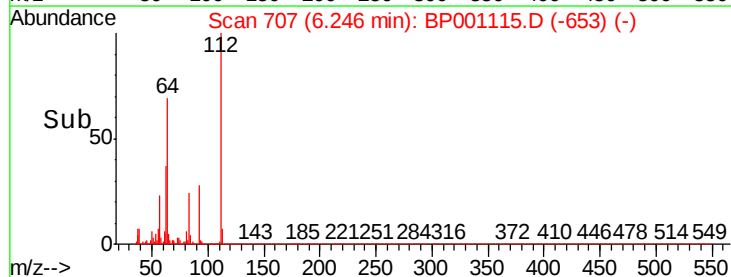
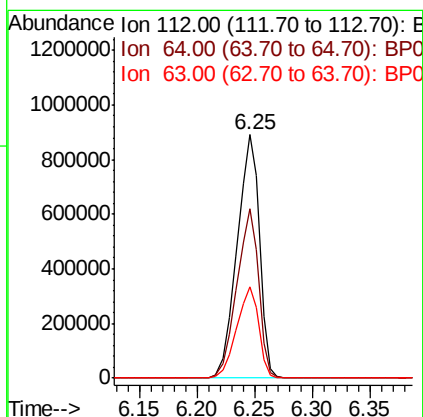
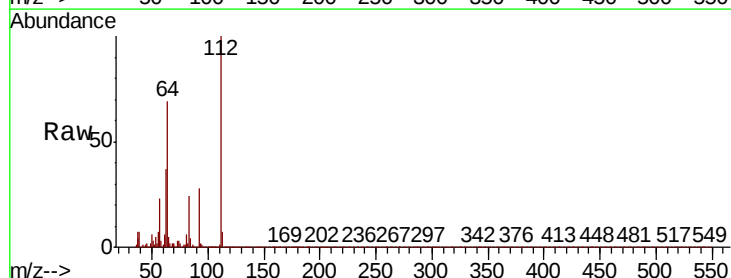
Instrument :
 BNA_P
 ClientSampleId :
 AU-06-112219

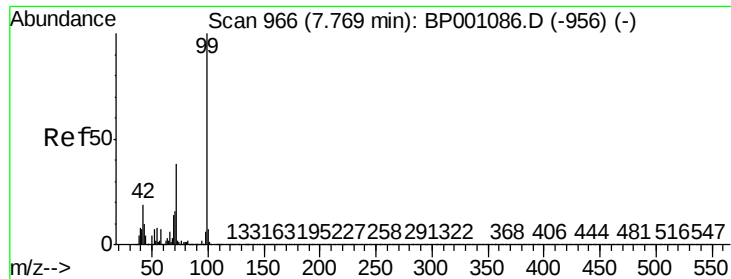
Tot Ion:152 Resp: 145233
 Ion Ratio Lower Upper
 152 100
 150 155.0 120.6 181.0
 115 67.0 51.6 77.4



#5
 2-Fluorophenol
 Concen: 136.334 ng
 RT: 6.25 min Scan# 707
 Delta R.T. 0.02 min
 Lab File: BP001115.D
 Acq: 28 Nov 2019 08:47

Tgt Ion:112 Resp: 1193447
 Ion Ratio Lower Upper
 112 100
 64 69.5 52.8 79.2
 63 37.5 28.2 42.2





#7

Phenol-d6

Concen: 138.012 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

Instrument :

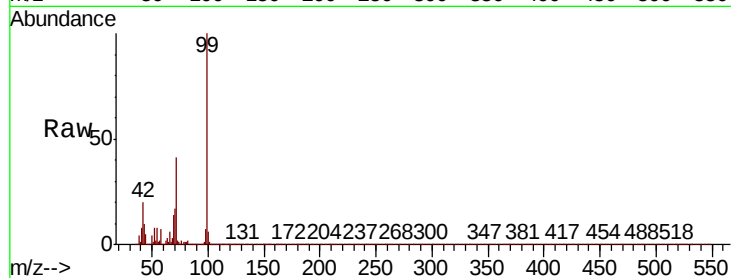
BNA_P

ClientSampleId :

AU-06-112219

Tot Ion: 99 Resp: 1609530

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.4	23.0
71	40.7	30.8	46.2

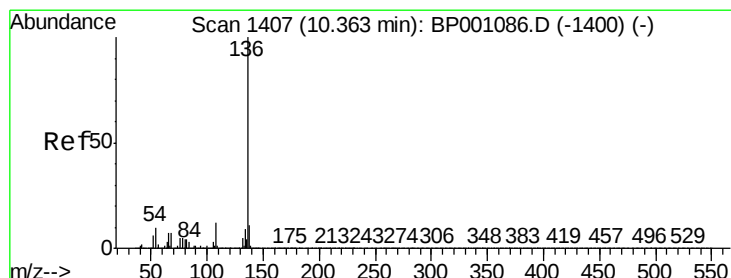
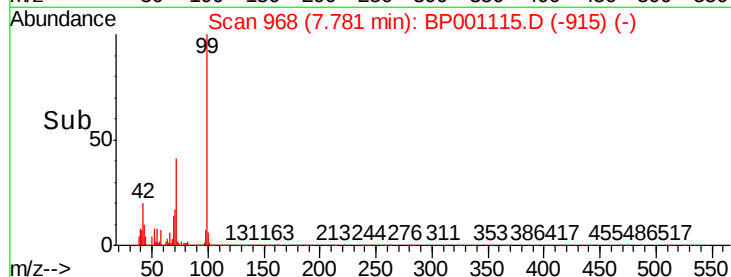
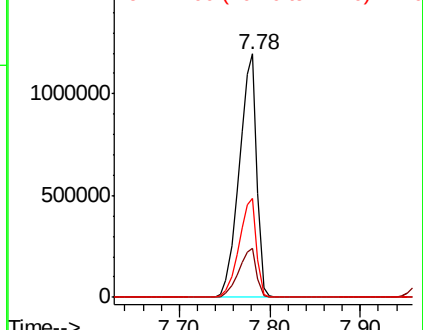


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1406

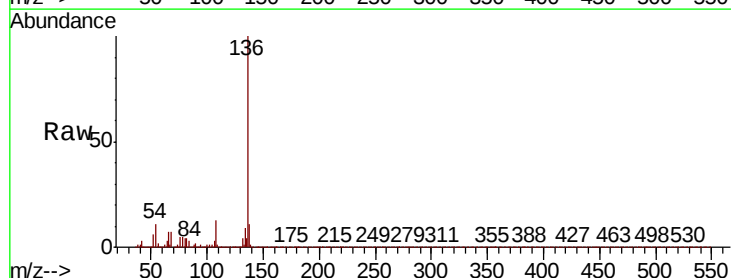
Delta R.T. -0.01 min

Lab File: BP001115.D

Acq: 28 Nov 2019 08:47

Tgt Ion: 136 Resp: 536611

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.5	7.9	11.9
68	7.3	5.6	8.4



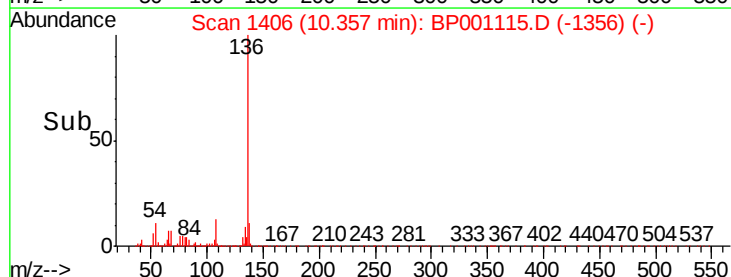
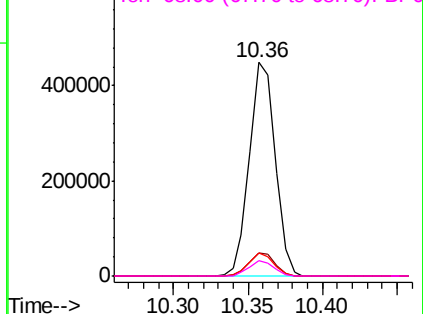
Abundance

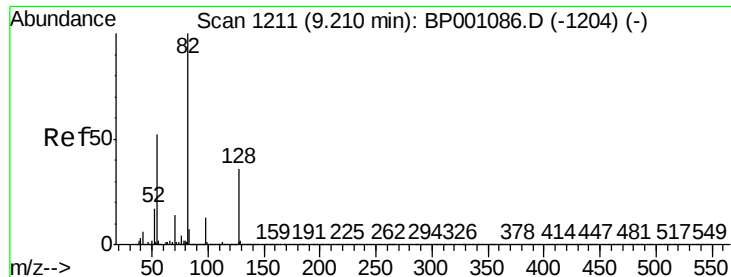
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

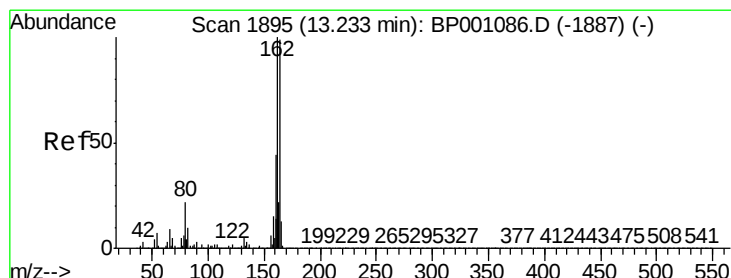
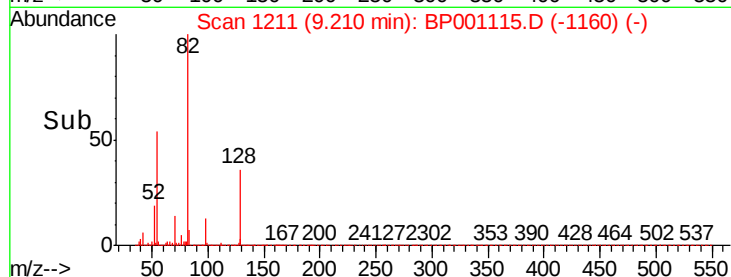
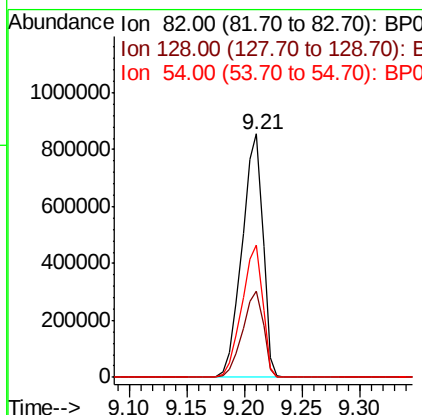
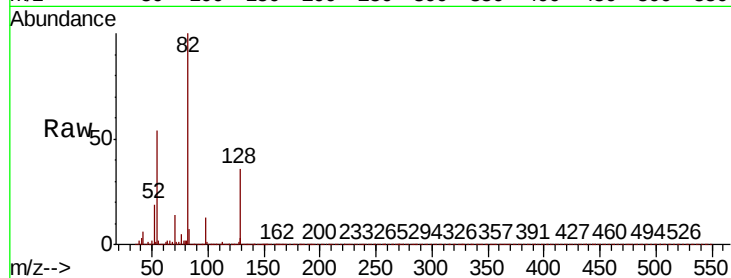




#23
Nitrobenzene-d5
Concen: 86.406 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

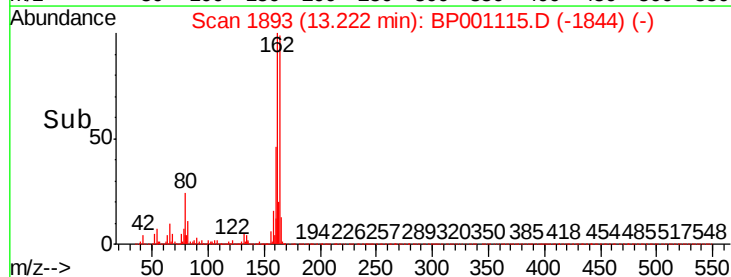
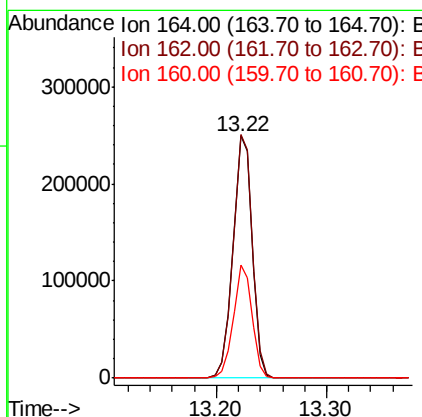
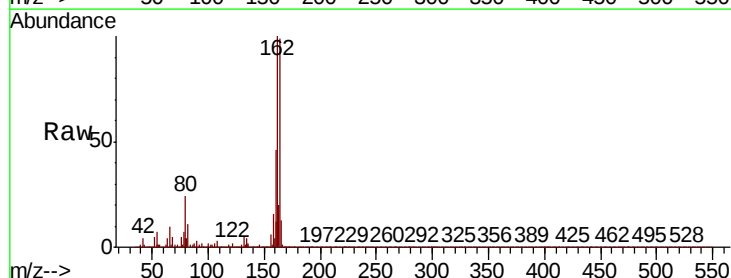
Instrument :
BNA_P
ClientSampleId :
AU-06-112219

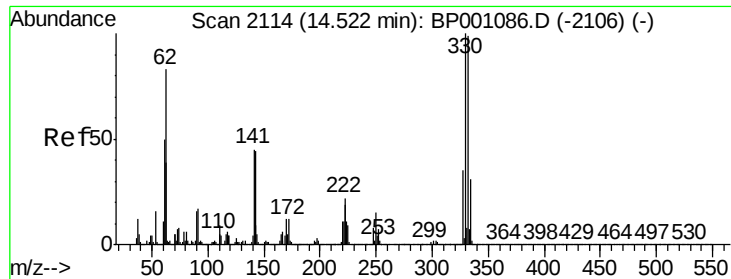
Tot Ion: 82 Resp: 1068699
Ion Ratio Lower Upper
82 100
128 35.5 28.9 43.3
54 54.1 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.22 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:164 Resp: 305812
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 46.6 35.4 53.2

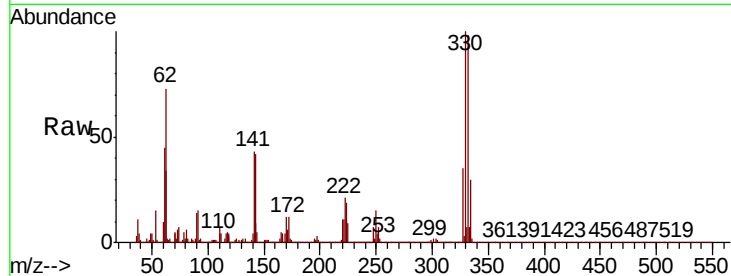




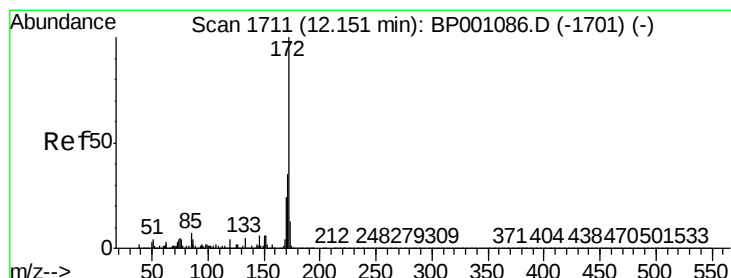
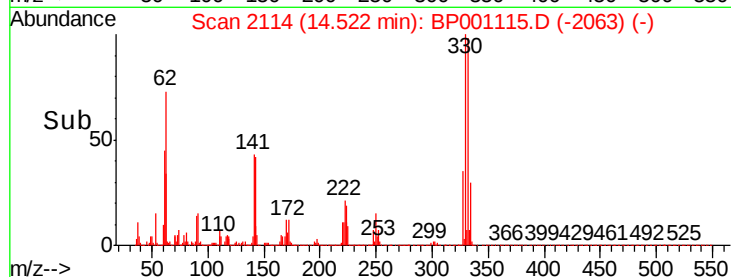
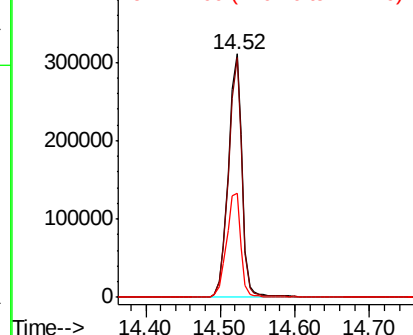
#42
2,4,6-Tribromophenol
Concen: 137.470 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
BNA_P
ClientSampleId :
AU-06-112219

Tot Ion:330 Resp: 402954
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 44.0 34.2 51.2

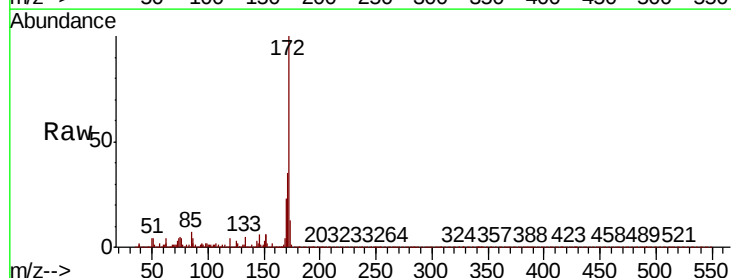


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

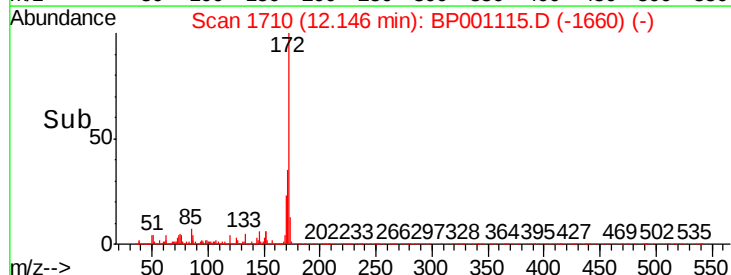
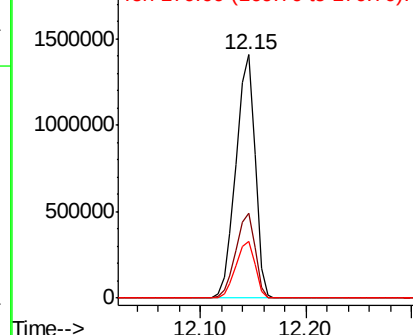


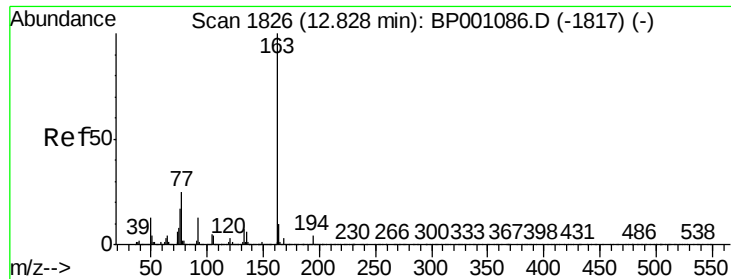
#45
2-Fluorobiphenyl
Concen: 84.203 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:172 Resp: 1759419
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.4 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

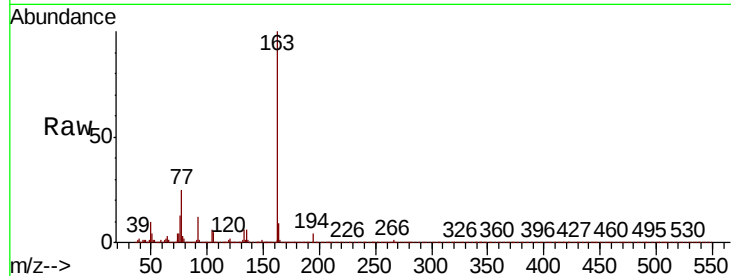




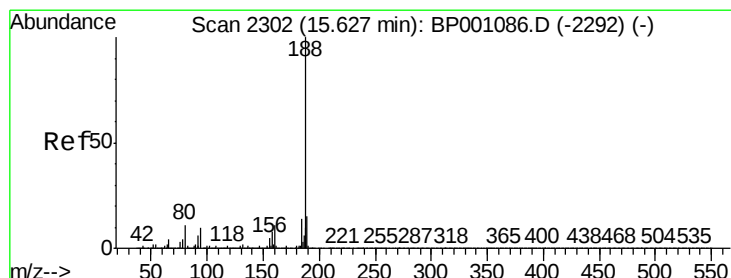
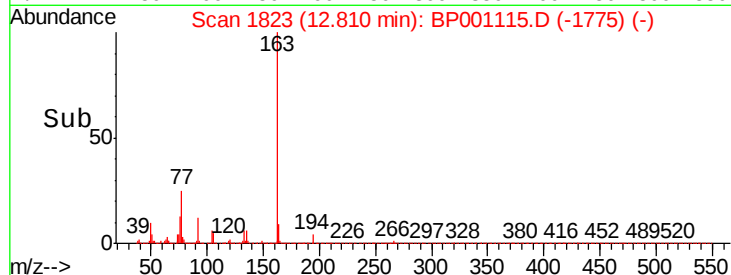
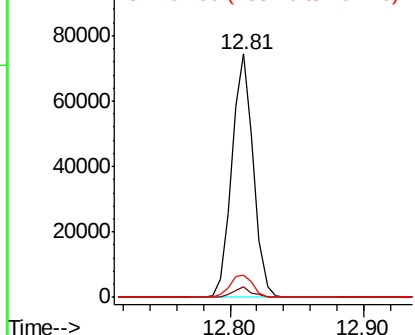
#50
Dimethylphthalate
Concen: 3.663 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
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ClientSampleId :
AU-06-112219

Tot Ion:163 Resp: 83770
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 9.3 8.1 12.1

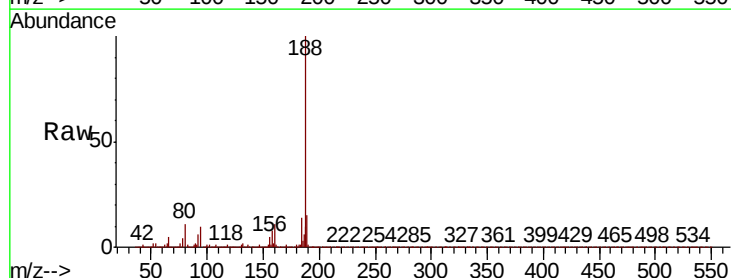


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

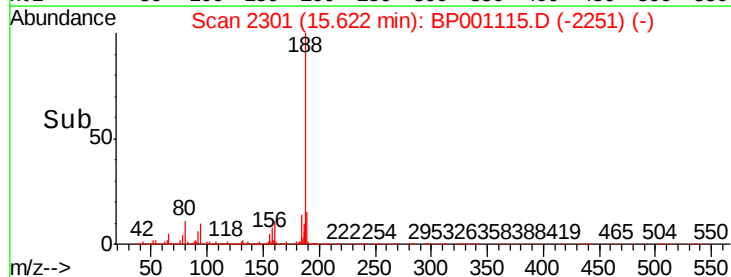
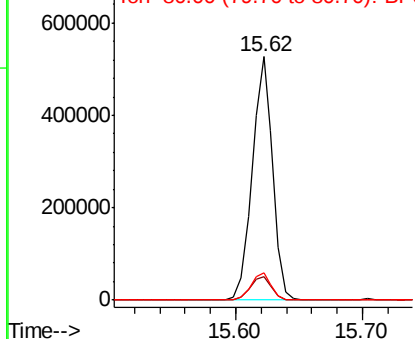


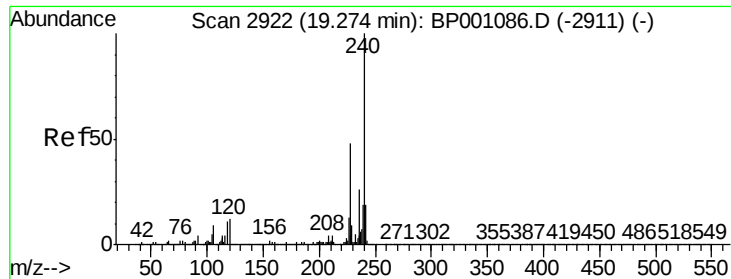
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:188 Resp: 590335
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 11.2 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

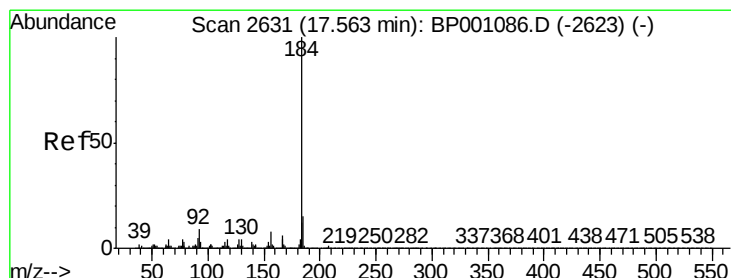
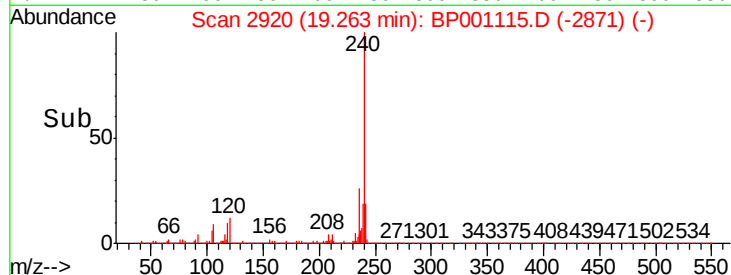
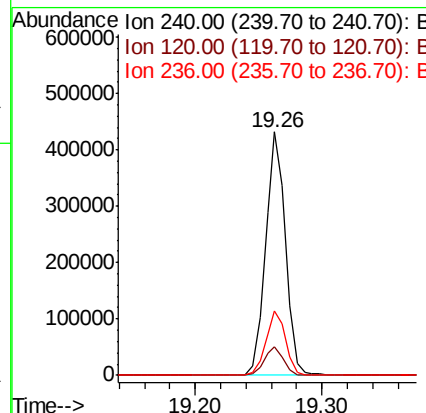
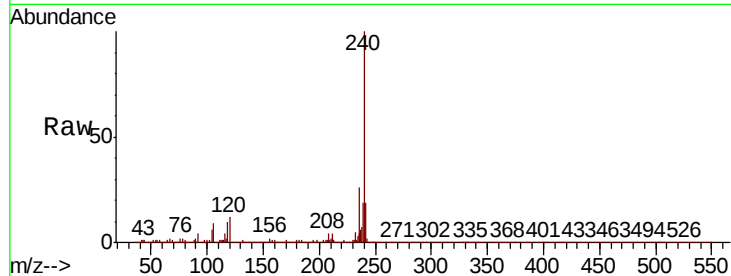




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.26 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

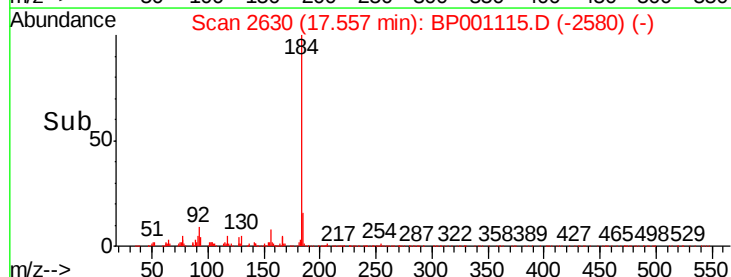
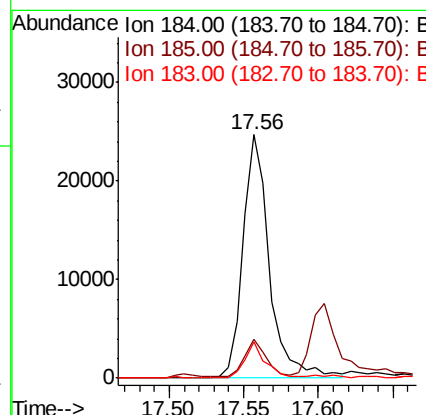
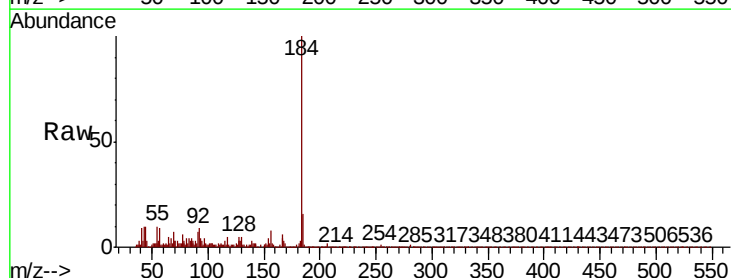
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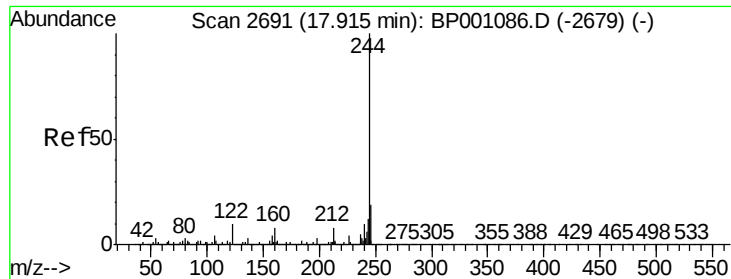
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.5	20.4	30.6



#77
Benzidine
Concen: 2.472 ng
RT: 17.56 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.4
183	14.9	9.3	13.9#

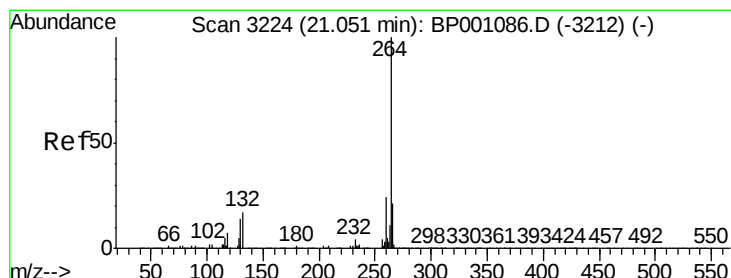
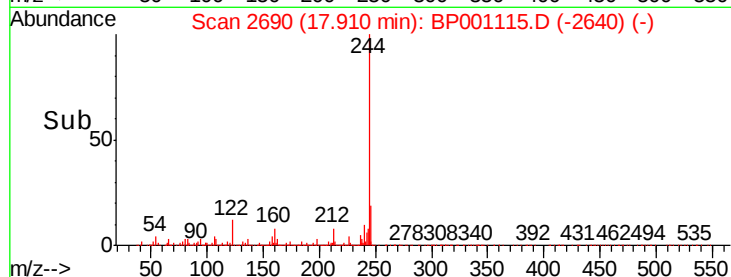
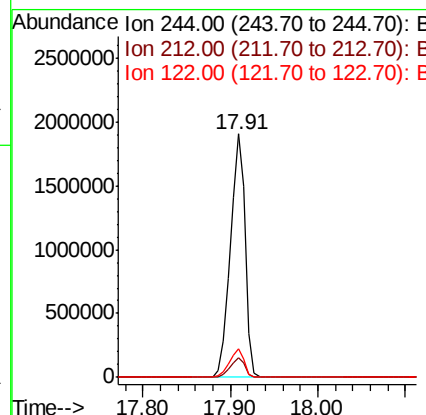
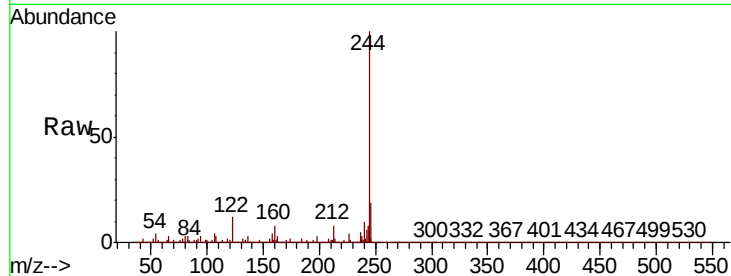




#79
 Terphenyl-d14
 Concen: 87.716 ng
 RT: 17.91 min Scan# 2690
 Delta R.T. -0.01 min
 Lab File: BP001115.D
 Acq: 28 Nov 2019 08:47

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-112219

Tot Ion:244 Resp: 2240283
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 11.6 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.04 min Scan# 3222
 Delta R.T. -0.01 min
 Lab File: BP001115.D
 Acq: 28 Nov 2019 08:47

Tgt Ion:264 Resp: 507794
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.7 16.9 25.3

