

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001054.D
 Acq On : 15 Nov 2019 22:26
 Operator : JU
 Sample : K5832-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 6-(10-12)

Quant Time: Nov 16 04:45:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

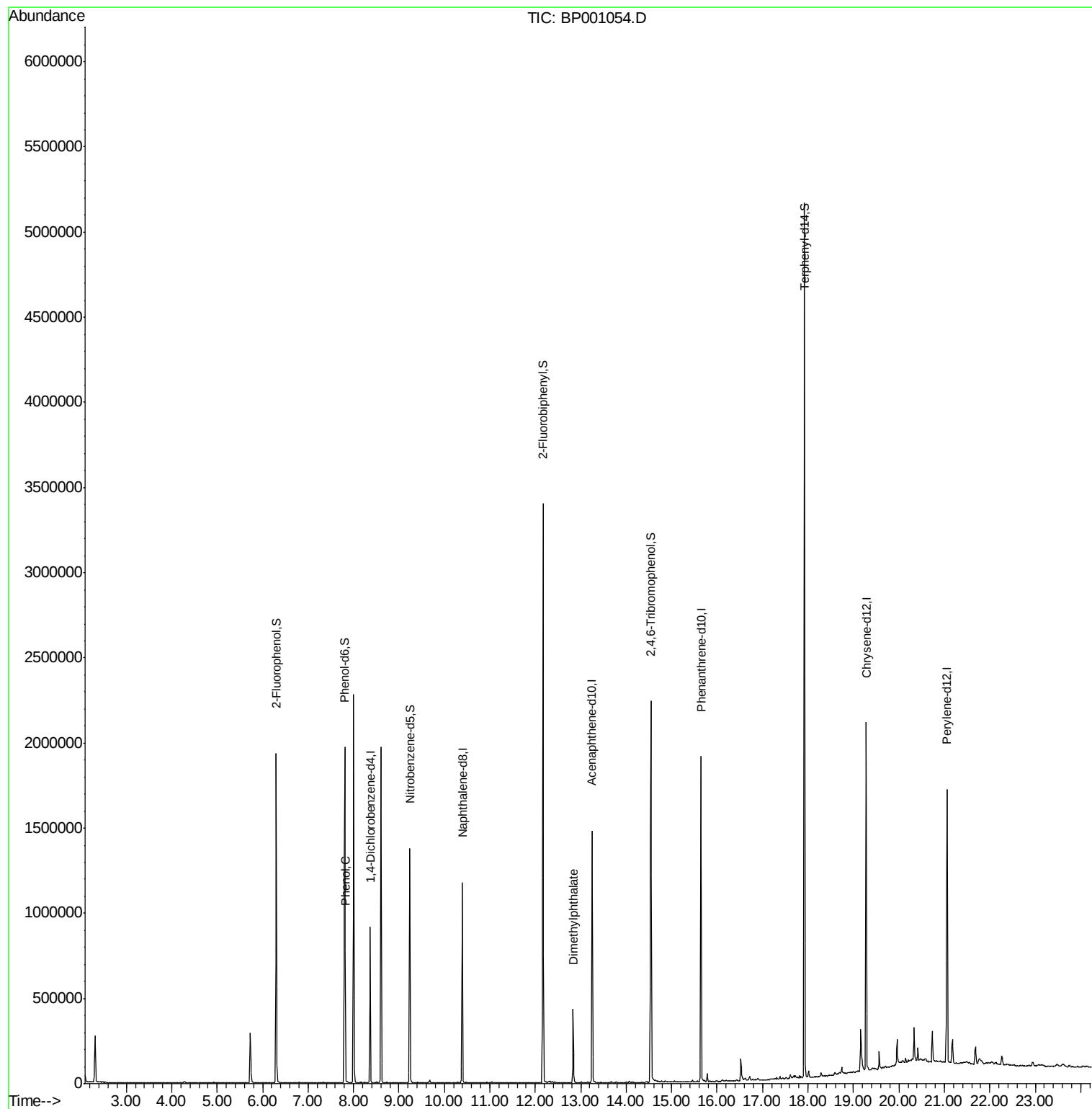
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	175852	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	657417	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	404995	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	887998	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	826387	20.00	ng	-0.02
87) Perylene-d12	21.06	264	881427	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	681264	70.51	ng	0.00
7) Phenol-d6	7.81	99	886002	72.52	ng	0.00
23) Nitrobenzene-d5	9.24	82	551896	46.44	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	412191	85.26	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	1304106	48.50	ng	-0.02
79) Terphenyl-d14	17.92	244	2058813	49.56	ng	-0.02
Target Compounds						
10) Phenol	7.82	94	26921	2.015	ng	85
50) Dimethylphthalate	12.83	163	222261	7.422	ng	98

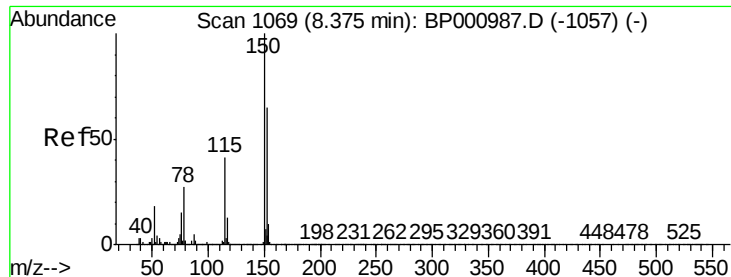
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001054.D

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Instrument :

BNA_P

ClientSampleId :

6-(10-12)

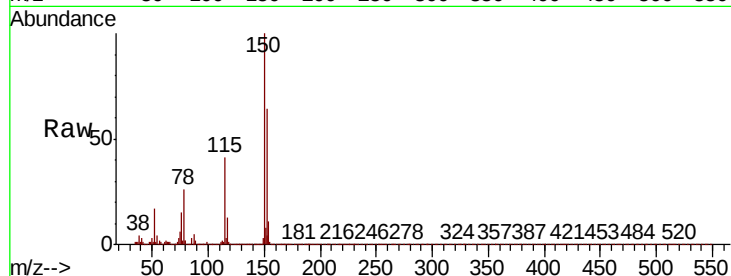
Tot Ion:152 Resp: 175852

Ion Ratio Lower Upper

152 100

150 155.2 123.6 185.4

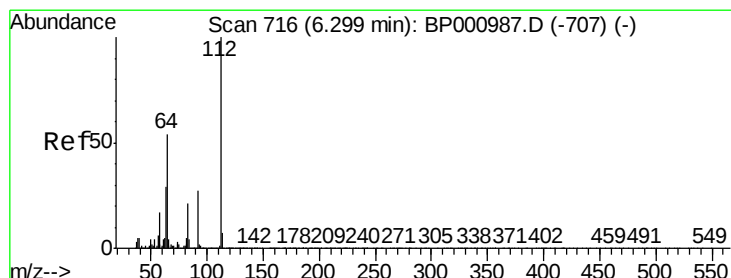
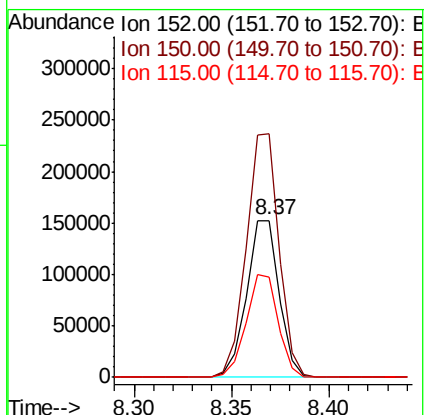
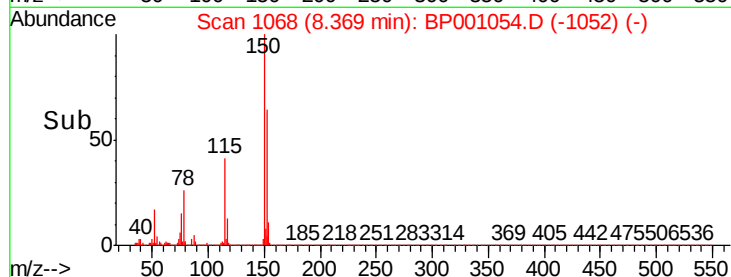
115 63.7 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 70.515 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

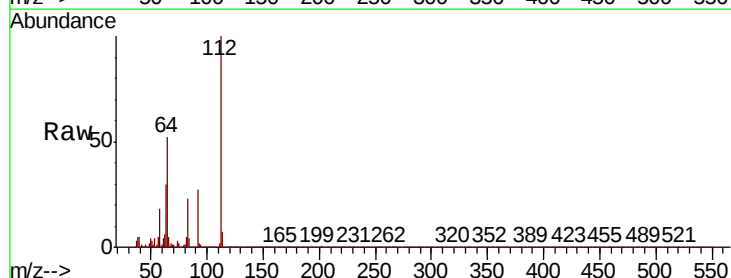
Tgt Ion:112 Resp: 681264

Ion Ratio Lower Upper

112 100

64 52.2 43.4 65.0

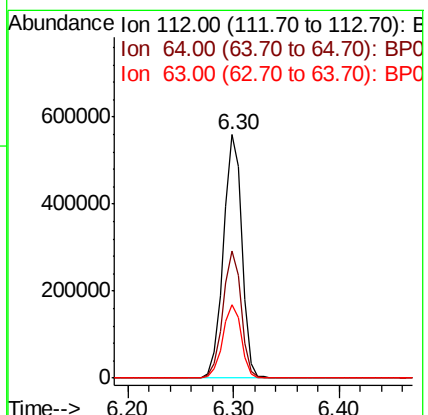
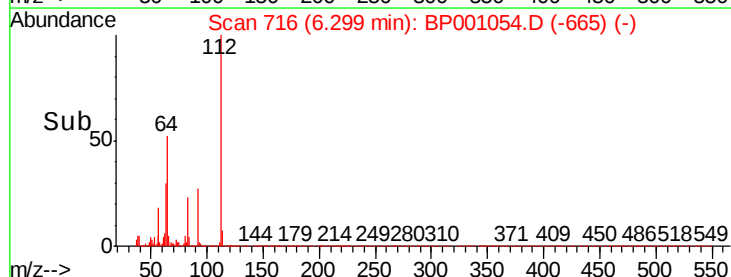
63 30.3 23.4 35.0

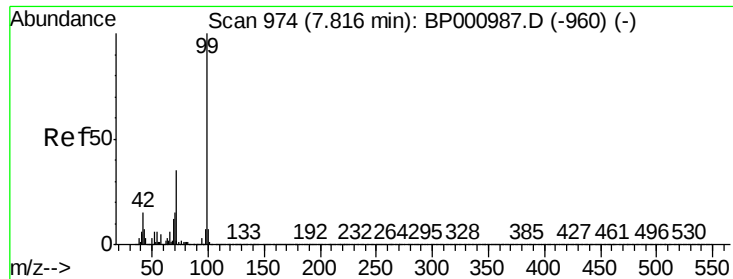


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 72.521 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

Instrument :

BNA_P

ClientSampleId :

6-(10-12)

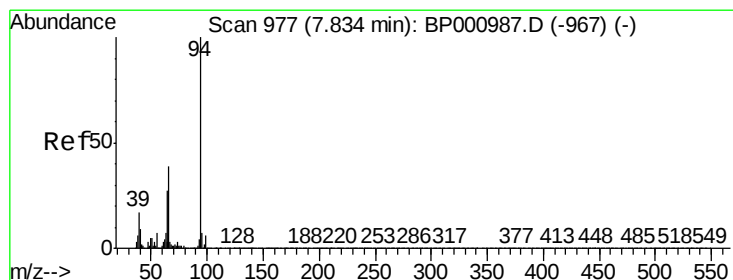
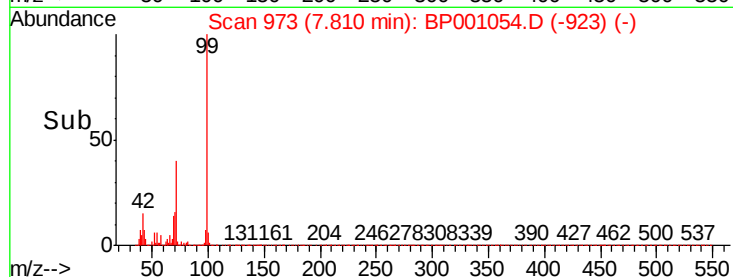
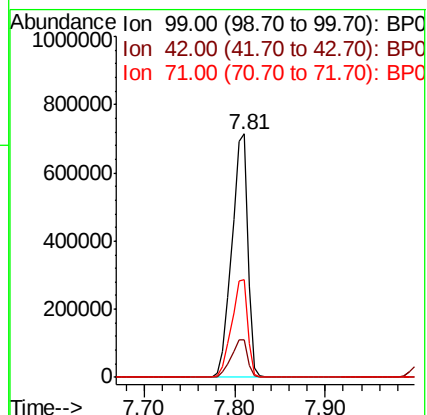
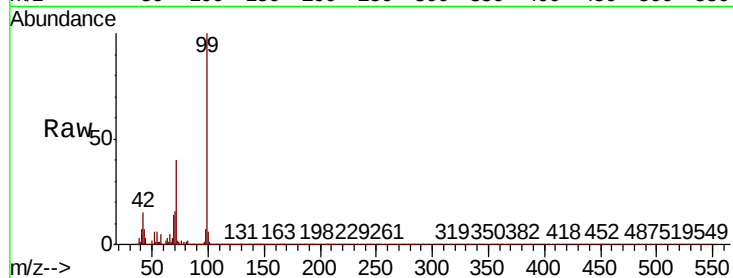
Tot Ion: 99 Resp: 886002

Ion Ratio Lower Upper

99 100

42 15.2 11.6 17.4

71 40.3 28.0 42.0



#10

Phenol

Concen: 2.015 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

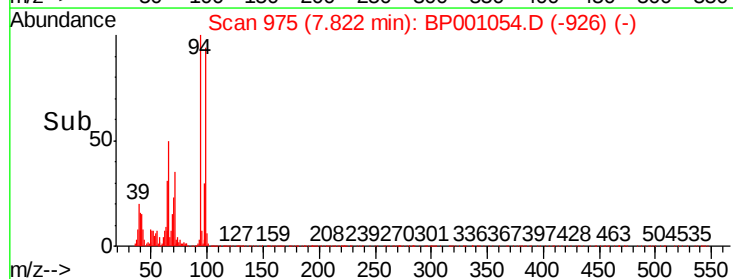
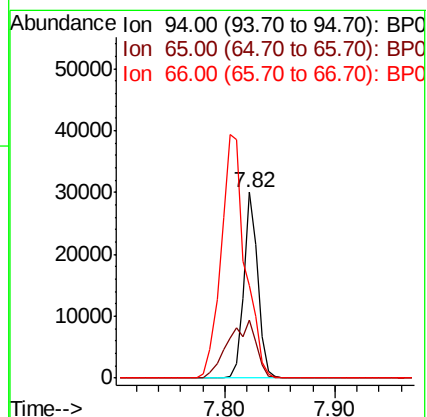
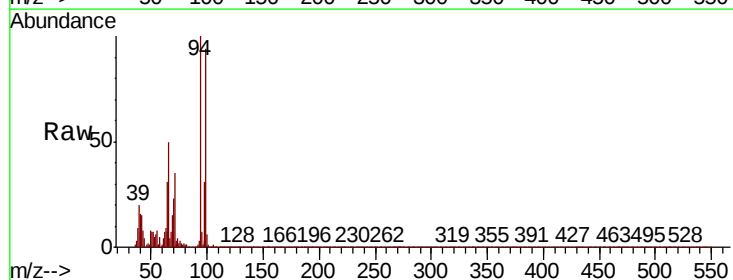
Tgt Ion: 94 Resp: 26921

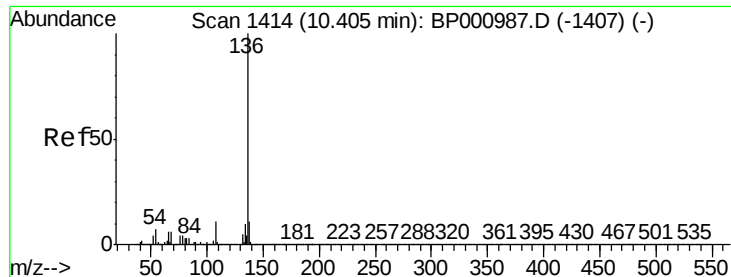
Ion Ratio Lower Upper

94 100

65 31.1 6.7 46.7

66 50.0 18.6 58.6

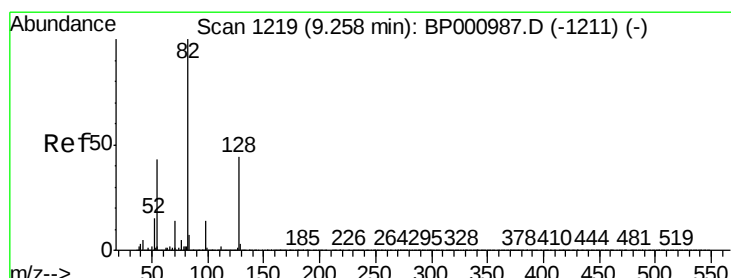
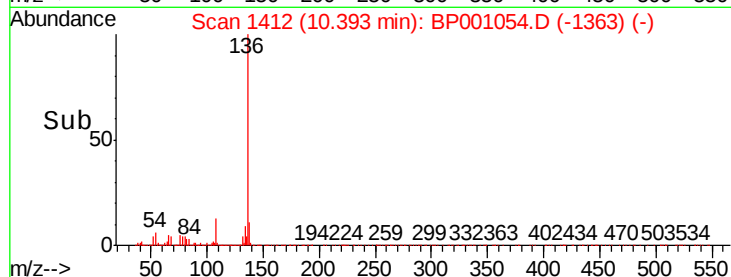
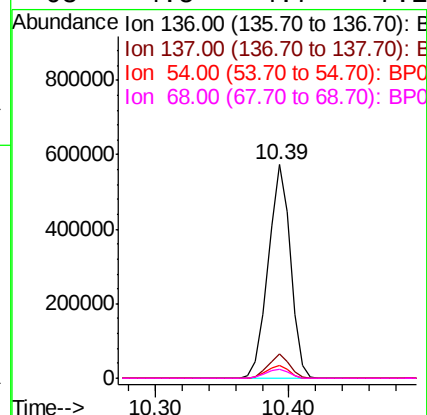
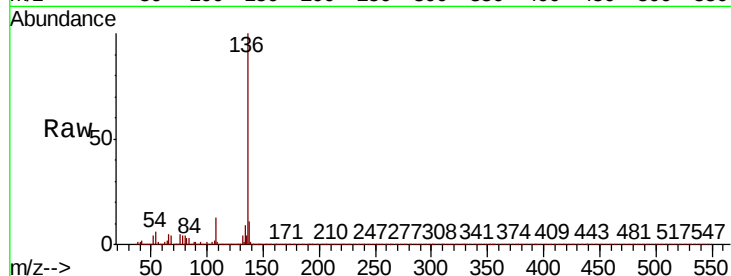




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

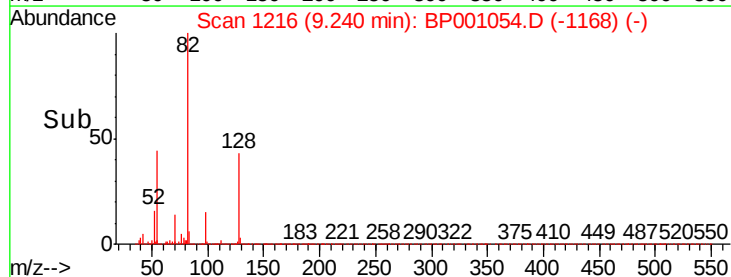
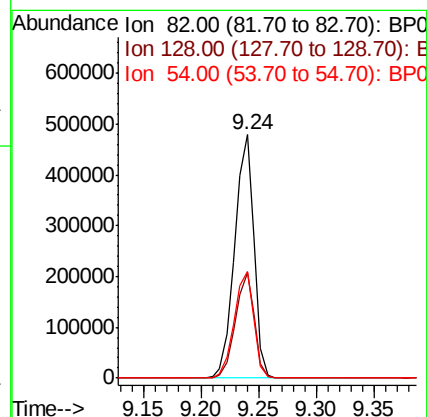
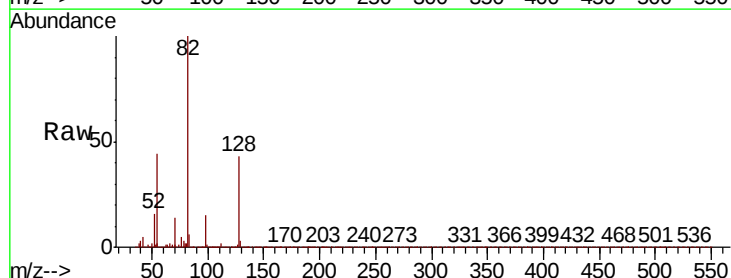
Instrument :
BNA_P
ClientSampleId :
6-(10-12)

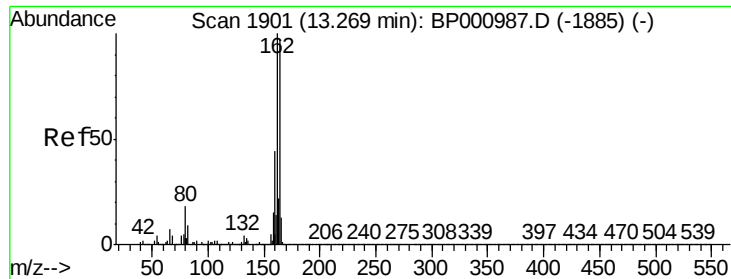
Tot Ion:136	Resp:	657417
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	6.0	5.4 8.2
68	4.5	4.7 7.1#



#23
Nitrobenzene-d5
Concen: 46.438 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

Tgt Ion: 82	Resp:	551896
Ion	Ratio	Lower Upper
82	100	
128	43.1	35.3 52.9
54	43.7	34.3 51.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

Instrument :

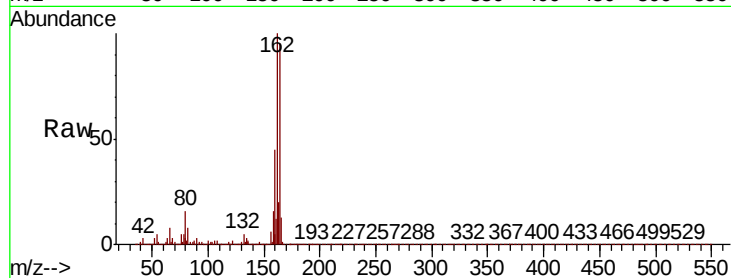
BNA_P

ClientSampleId :

6-(10-12)

Tot Ion:164 Resp: 404995

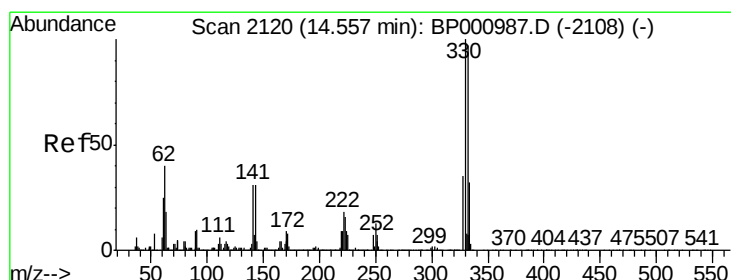
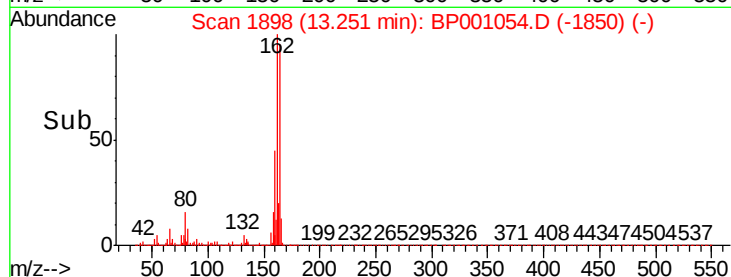
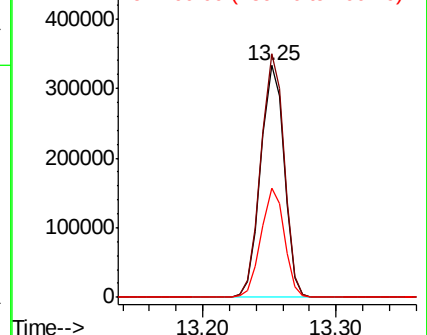
Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	47.2	36.5	54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 85.256 ng

RT: 14.55 min Scan# 2118

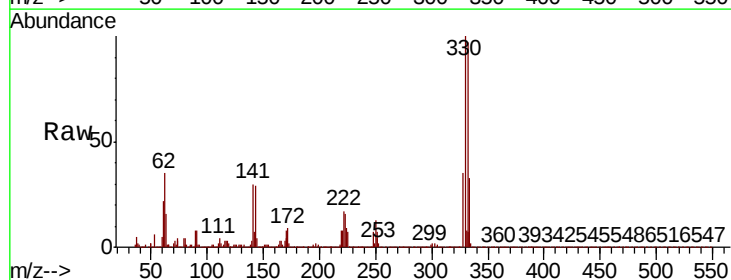
Delta R.T. -0.01 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

Tgt Ion:330 Resp: 412191

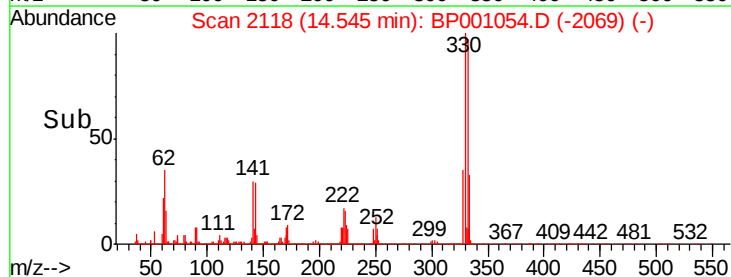
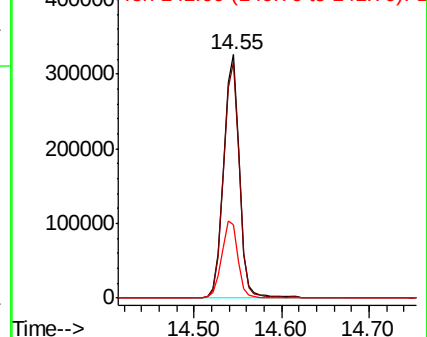
Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.3	117.5
141	32.5	25.0	37.4

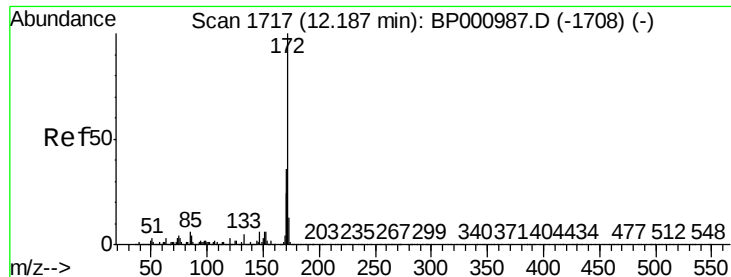


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

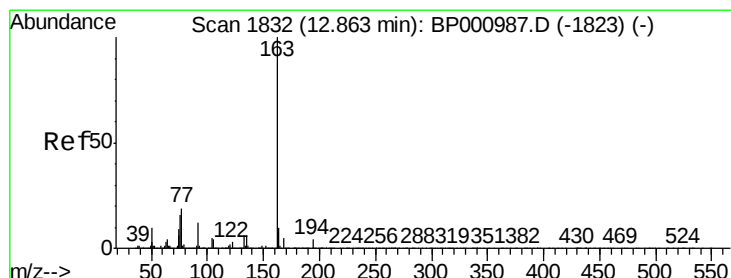
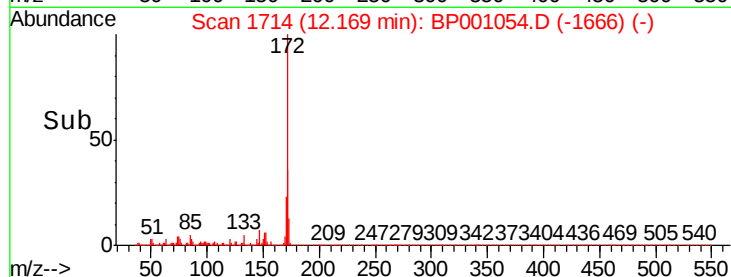
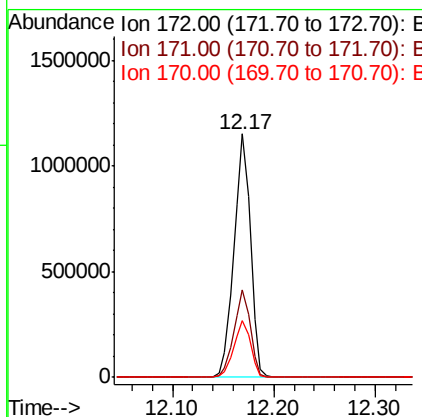
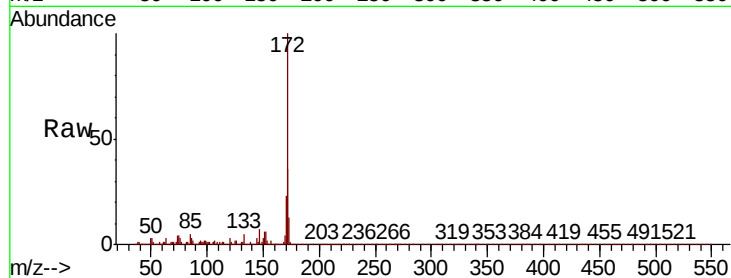




#45
2-Fluorobiphenyl
Concen: 48.497 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

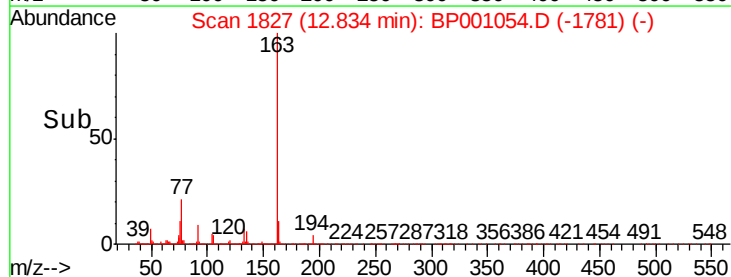
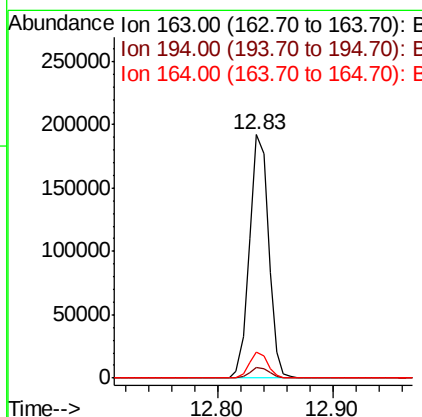
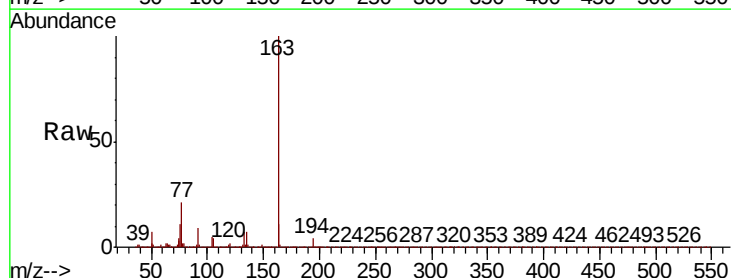
Instrument :
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ClientSampleId :
6-(10-12)

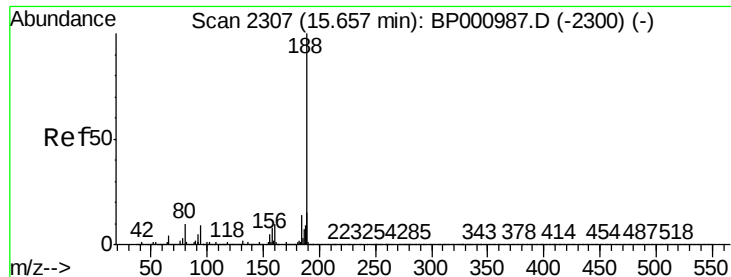
Tot Ion:172 Resp: 1304106
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.5 18.9 28.3



#50
Dimethylphthalate
Concen: 7.422 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

Tgt Ion:163 Resp: 222261
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.9 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

Instrument :

BNA_P

ClientSampleId :

6-(10-12)

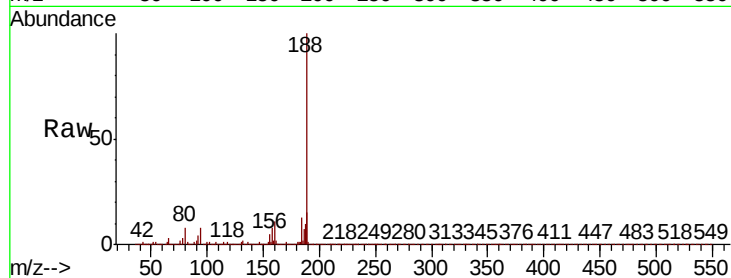
Tot Ion:188 Resp: 887998

Ion Ratio Lower Upper

188 100

94 7.5 7.4 11.2

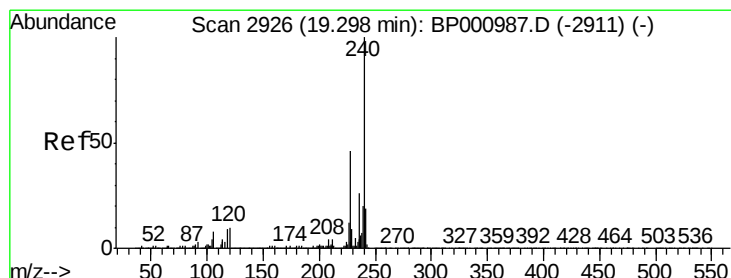
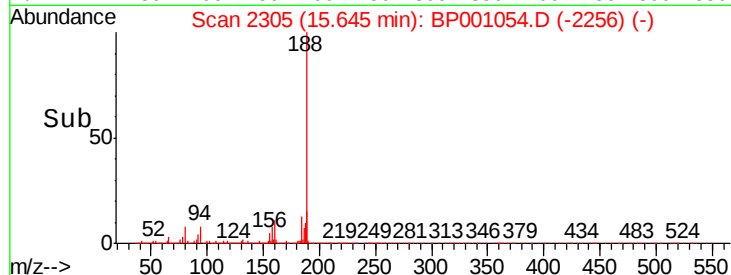
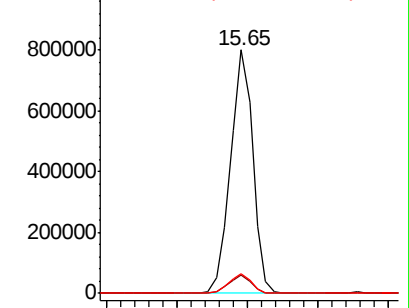
80 8.2 7.9 11.9



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: 19.28 min Scan# 2923

Delta R.T. -0.02 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

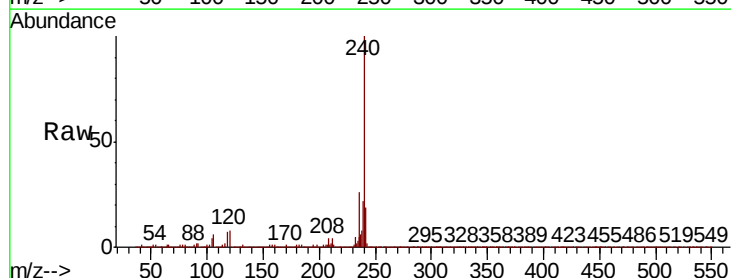
Tgt Ion:240 Resp: 826387

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

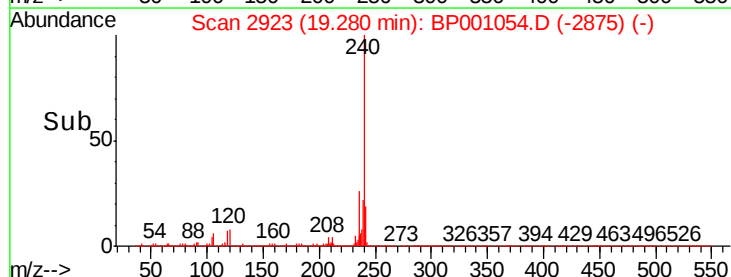
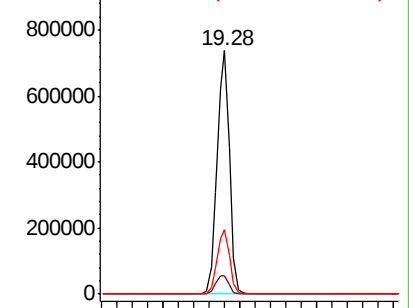
236 26.2 20.5 30.7

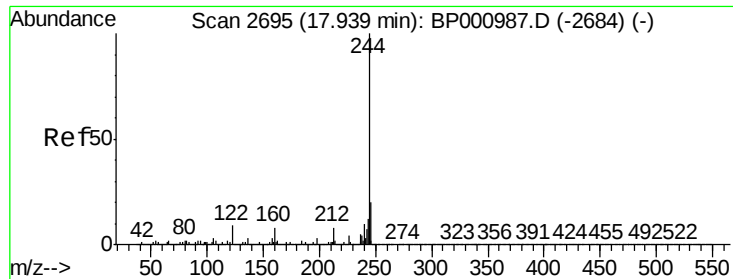


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

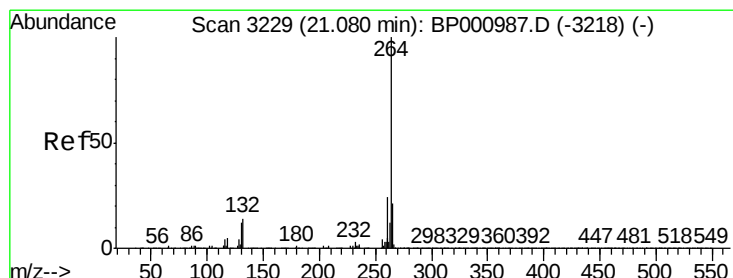
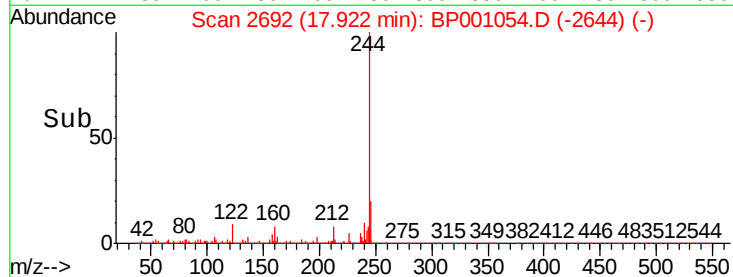
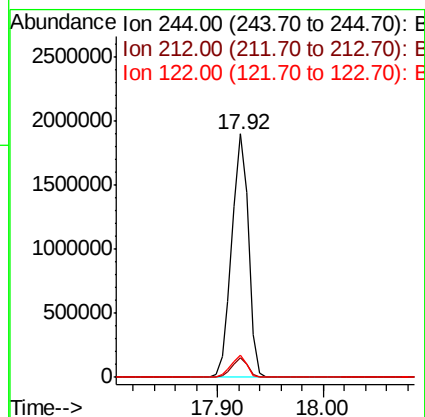
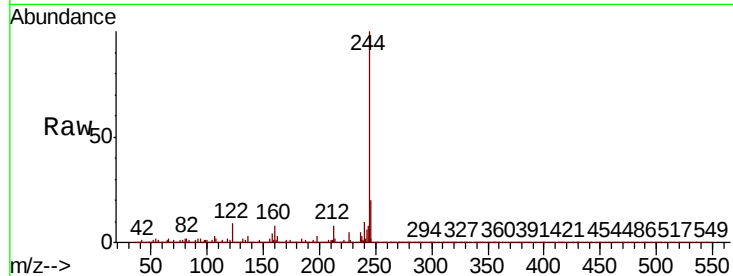




#79
 Terphenyl-d14
 Concen: 49.557 ng
 RT: 17.92 min Scan# 2692
 Delta R.T. -0.02 min
 Lab File: BP001054.D
 Acq: 15 Nov 2019 22:26

Instrument :
 BNA_P
 ClientSampleId :
 6-(10-12)

Tot Ion:244 Resp: 2058813
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 8.9 7.4 11.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3226
 Delta R.T. -0.02 min
 Lab File: BP001054.D
 Acq: 15 Nov 2019 22:26

Tgt Ion:264 Resp: 881427
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 20.3 17.1 25.7

