

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001476.D
 Acq On : 28 Dec 2019 00:16
 Operator : JU
 Sample : K6438-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUNR-BF006-01

Quant Time: Dec 28 04:31:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

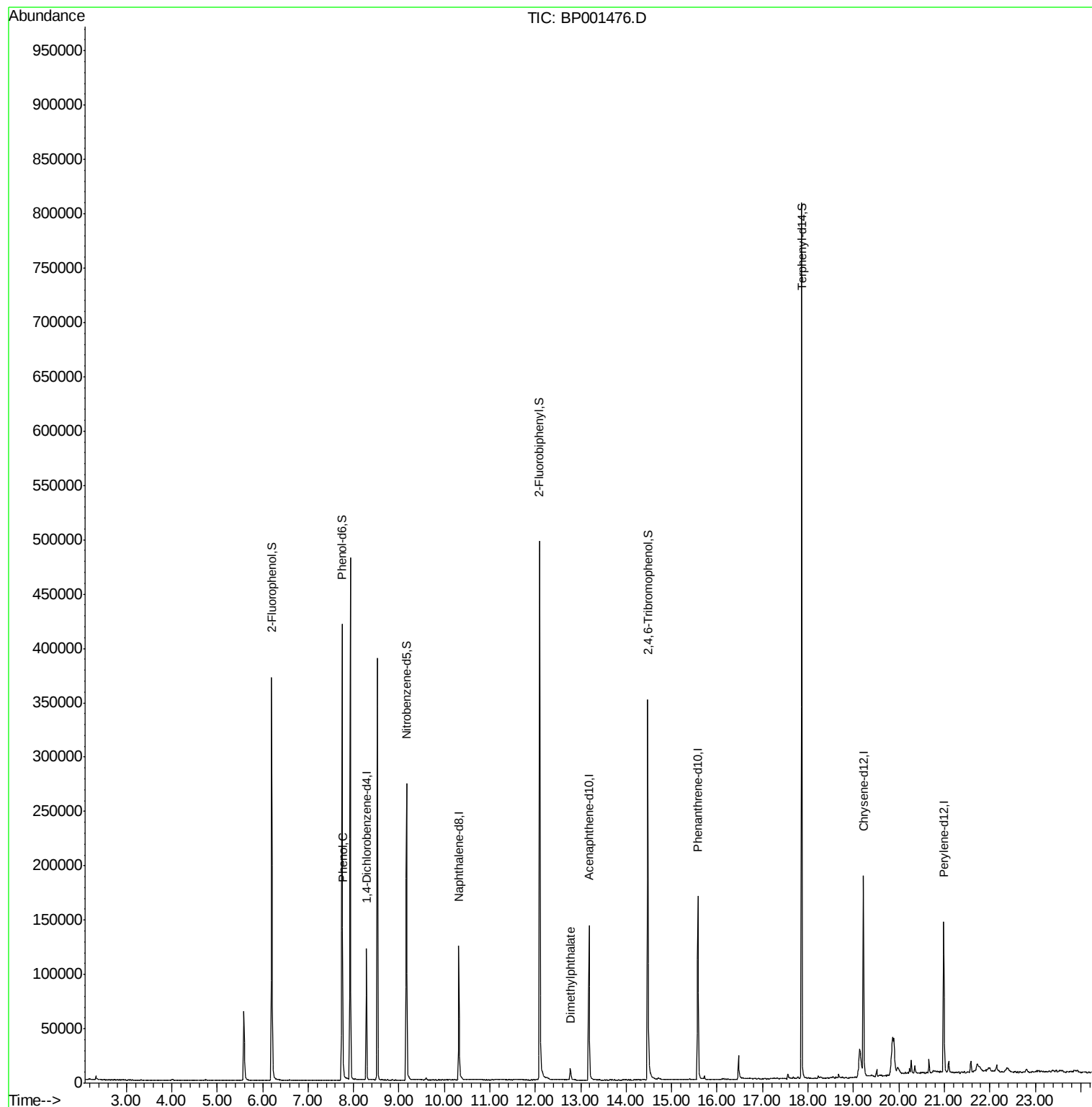
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	19923	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	70843	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	42559	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	88307	20.00	ng	0.00
76) Chrysene-d12	19.22	240	75133	20.00	ng	0.00
87) Perylene-d12	20.99	264	80304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	117627	95.42	ng	0.00
7) Phenol-d6	7.75	99	158054	98.26	ng	0.00
23) Nitrobenzene-d5	9.16	82	105728	57.31	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	54525	102.47	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	207229	61.57	ng	0.00
79) Terphenyl-d14	17.86	244	301527	68.74	ng	0.00
Target Compounds						
10) Phenol	7.76	94	4256	2.316	ng	96
50) Dimethylphthalate	12.77	163	7396	2.118	ng	99

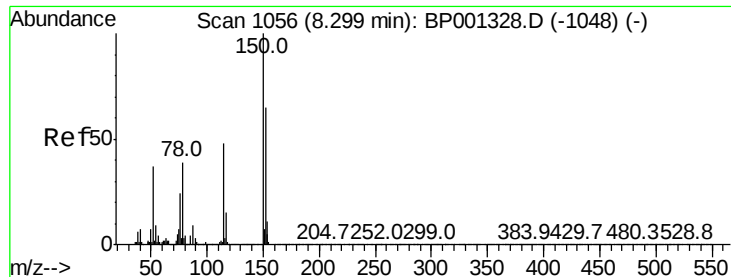
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BP001476.D

Acq: 28 Dec 2019 00:16

Instrument :

BNA_P

ClientSampleId :

DUNR-BF006-01

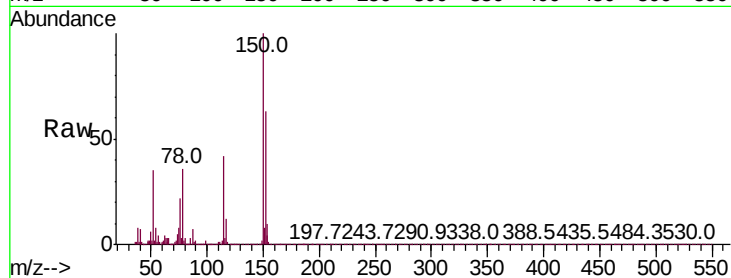
Tot Ion:152 Resp: 19923

Ion Ratio Lower Upper

152 100

150 159.9 127.0 190.6

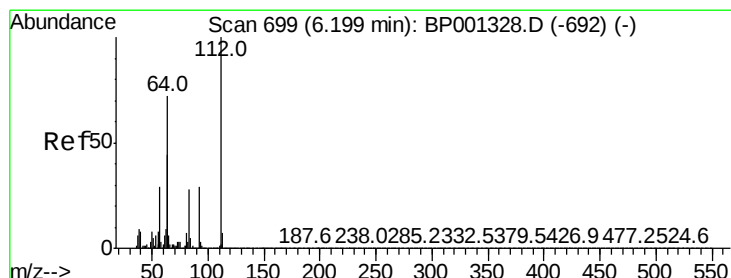
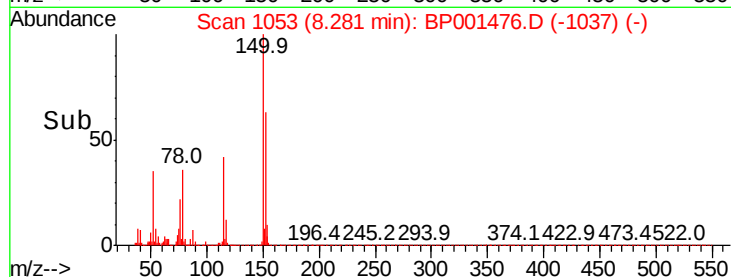
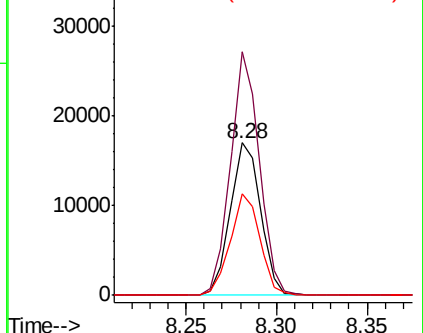
115 66.5 56.1 84.1



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: 95.421 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BP001476.D

Acq: 28 Dec 2019 00:16

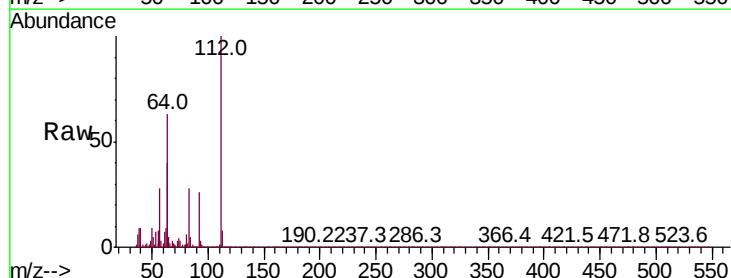
Tgt Ion:112 Resp: 117627

Ion Ratio Lower Upper

112 100

64 62.6 53.9 80.9

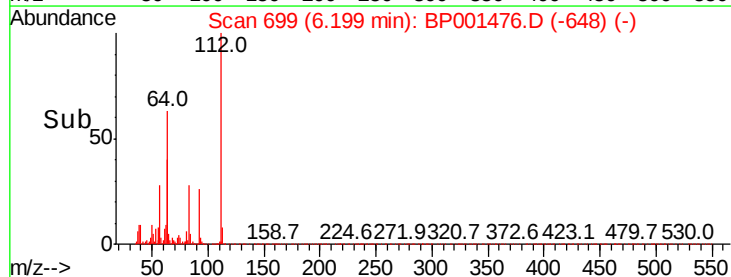
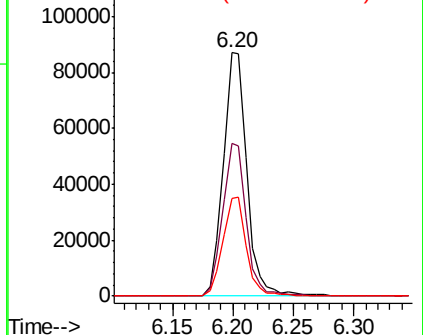
63 40.2 33.4 50.0

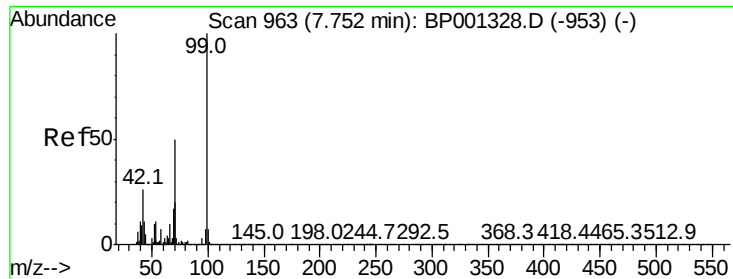


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 98.260 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001476.D

Acq: 28 Dec 2019 00:16

Instrument :

BNA_P

ClientSampleId :

DUNR-BF006-01

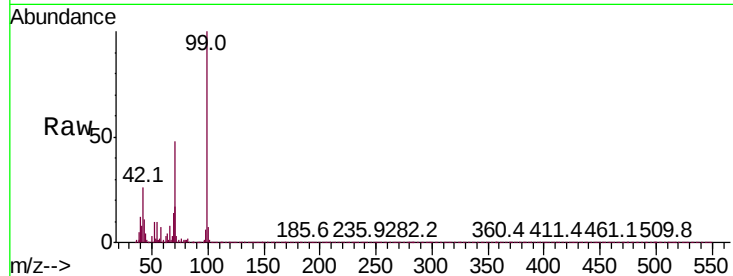
Tot Ion: 99 Resp: 158054

Ion Ratio Lower Upper

99 100

42 25.9 20.8 31.2

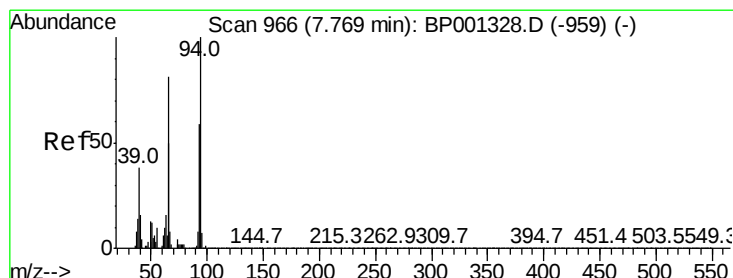
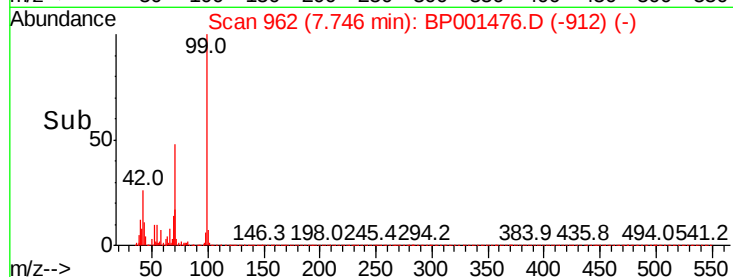
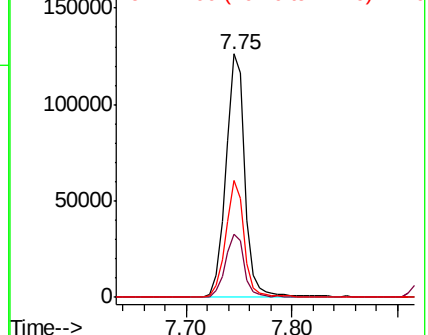
71 48.0 38.2 57.4



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



#10

Phenol

Concen: 2.316 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001476.D

Acq: 28 Dec 2019 00:16

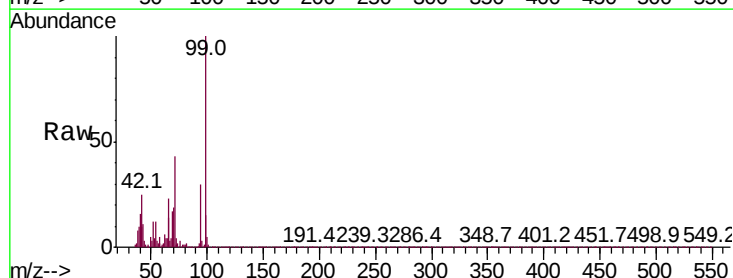
Tgt Ion: 94 Resp: 4256

Ion Ratio Lower Upper

94 100

65 47.5 29.6 69.6

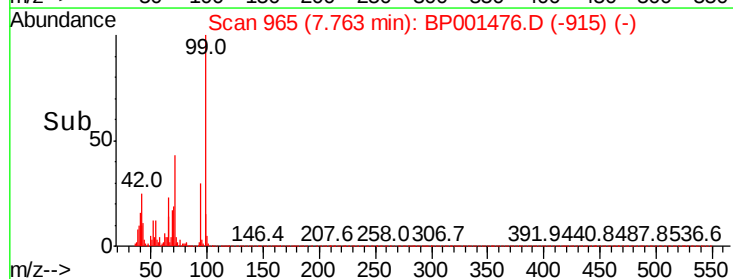
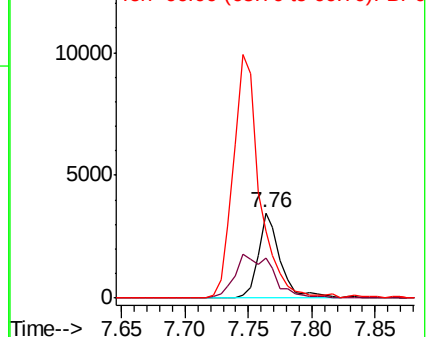
66 78.6 62.3 102.3

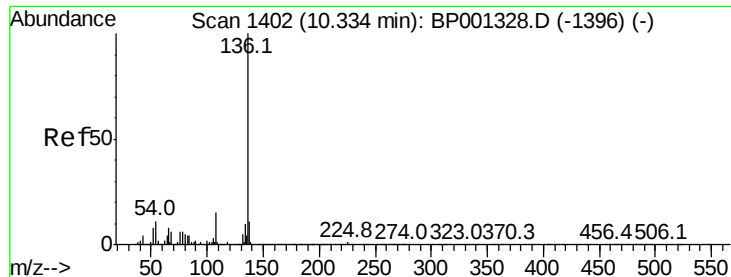


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

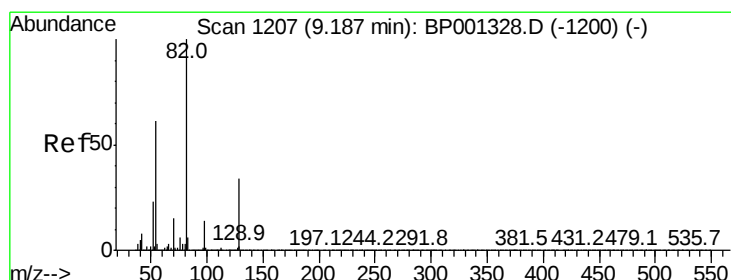
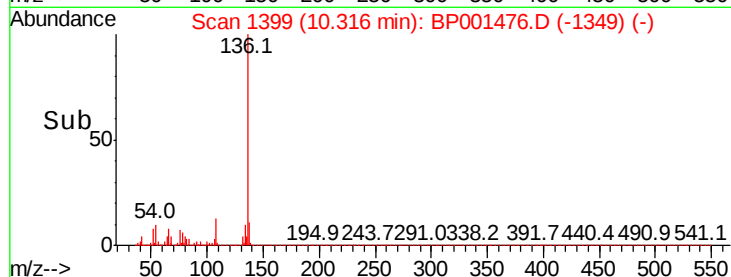
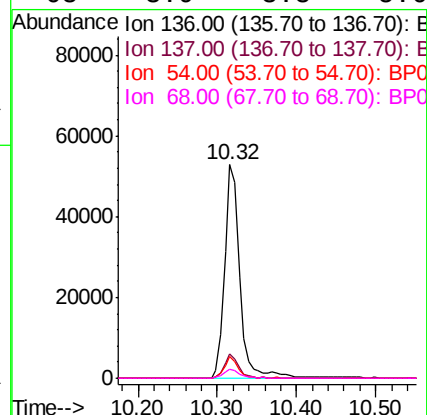
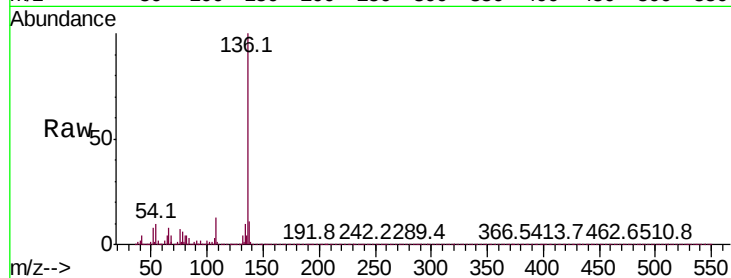




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001476.D
Acq: 28 Dec 2019 00:16

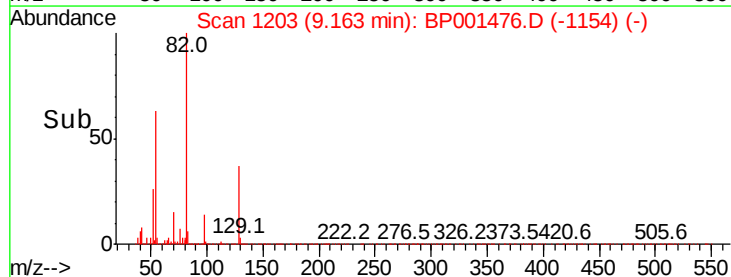
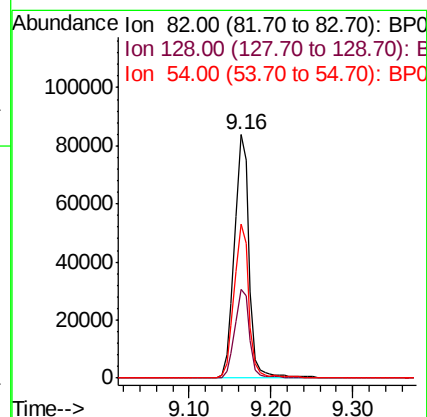
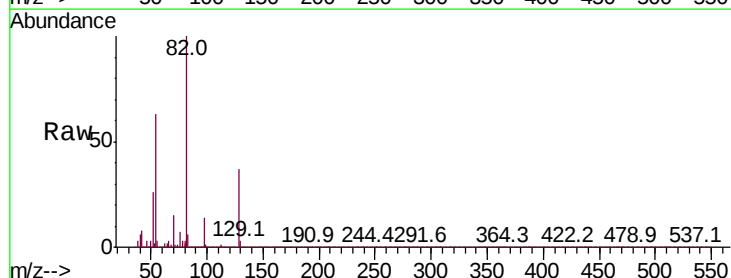
Instrument :
BNA_P
ClientSampleId :
DUNR-BF006-01

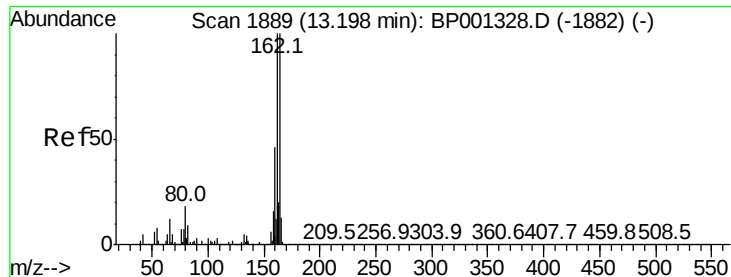
Tot Ion:136	Resp:	70843
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.0 13.4
54	9.9	7.3 10.9
68	3.9	3.8 5.6



#23
Nitrobenzene-d5
Concen: 57.311 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001476.D
Acq: 28 Dec 2019 00:16

Tgt Ion: 82	Resp:	105728
Ion	Ratio	Lower Upper
82	100	
128	36.5	27.4 41.0
54	63.2	47.5 71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.17 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BP001476.D

Acq: 28 Dec 2019 00:16

Instrument :

BNA_P

ClientSampleId :

DUNR-BF006-01

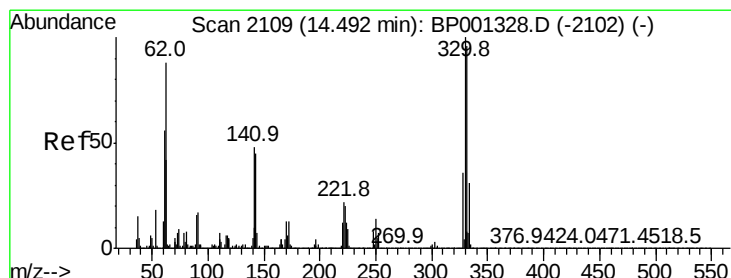
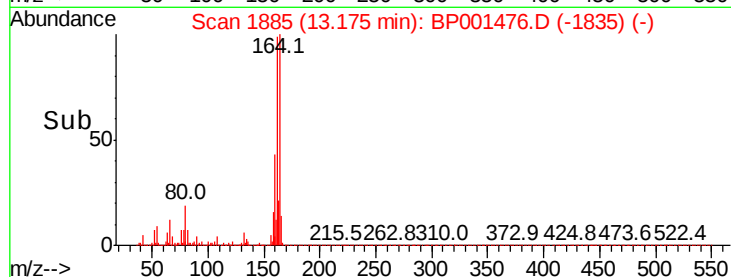
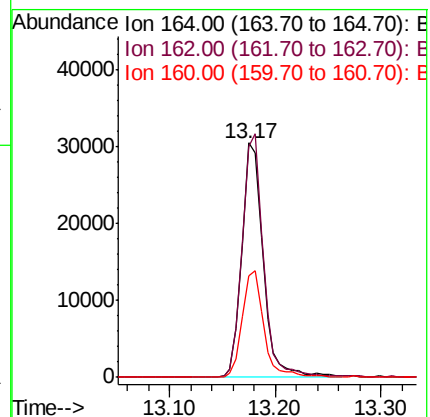
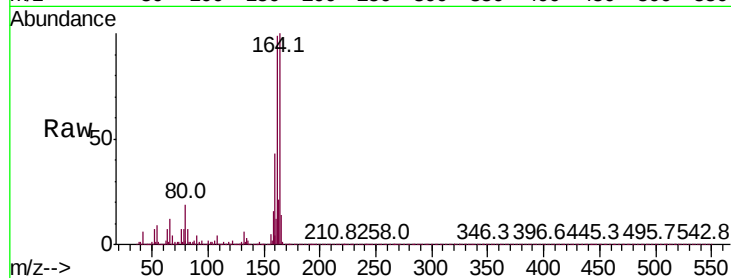
Tot Ion:164 Resp: 42559

Ion Ratio Lower Upper

164 100

162 98.6 78.2 117.4

160 43.3 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 102.474 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001476.D

Acq: 28 Dec 2019 00:16

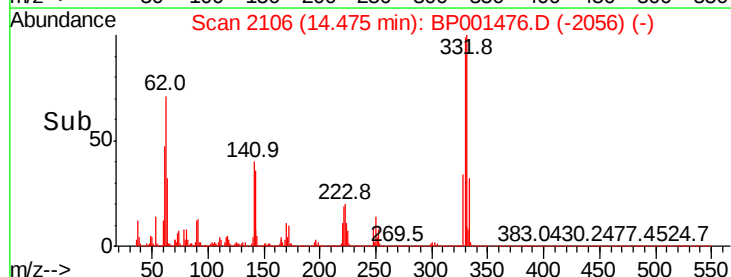
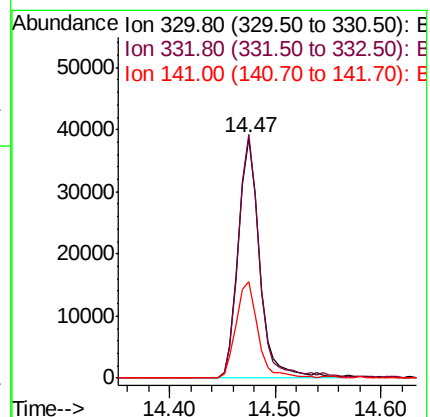
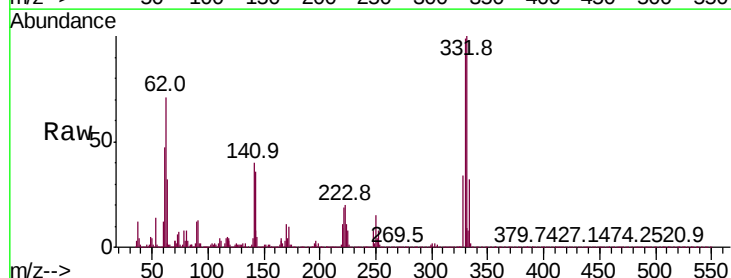
Tgt Ion:330 Resp: 54525

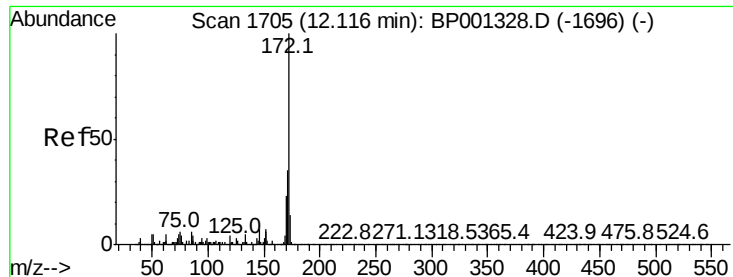
Ion Ratio Lower Upper

330 100

332 96.8 78.3 117.5

141 40.6 26.8 40.2#





#45

2-Fluorobiphenyl

Concen: 61.571 ng

RT: 12.10 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BP001476.D

Acq: 28 Dec 2019 00:16

Instrument :

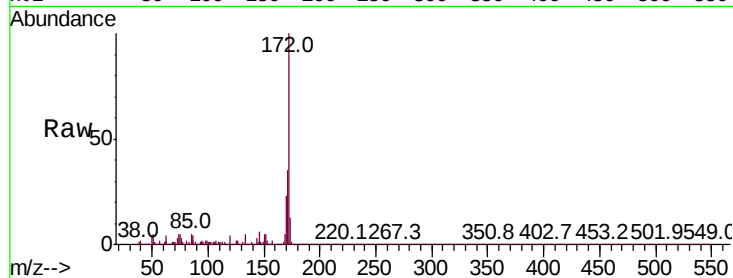
BNA_P

ClientSampleId :

DUNR-BF006-01

Tot Ion:172 Resp: 207229

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.0
170	23.4	18.2	27.4

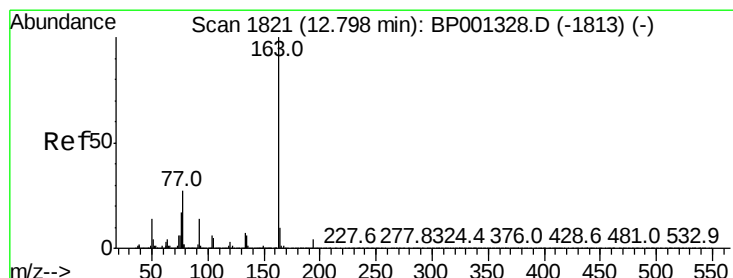
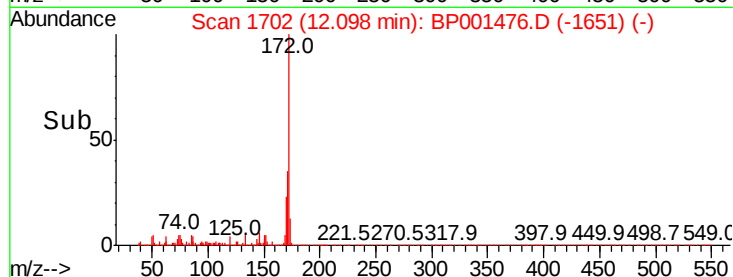
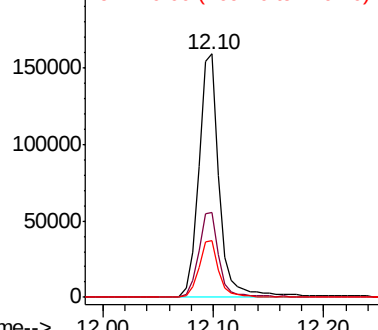


Abundance

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: 2.118 ng

RT: 12.77 min Scan# 1816

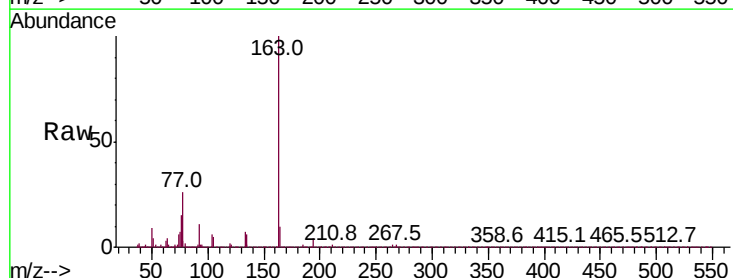
Delta R.T. -0.01 min

Lab File: BP001476.D

Acq: 28 Dec 2019 00:16

Tgt Ion:163 Resp: 7396

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.2	7.7	11.5

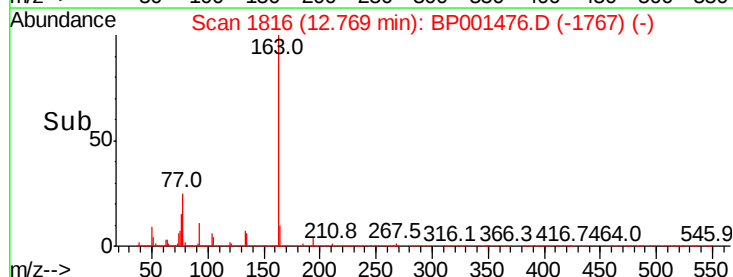
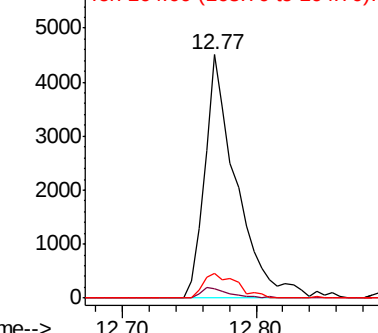


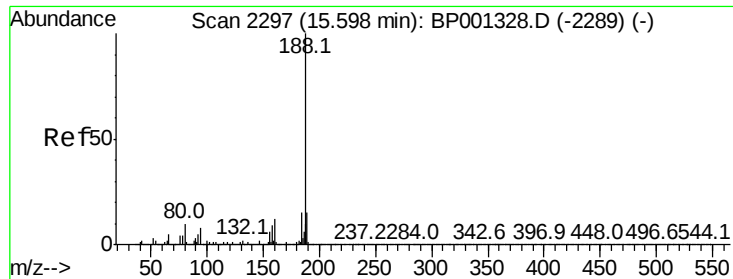
Abundance

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: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BP001476.D

Acq: 28 Dec 2019 00:16

Instrument :

BNA_P

ClientSampleId :

DUNR-BF006-01

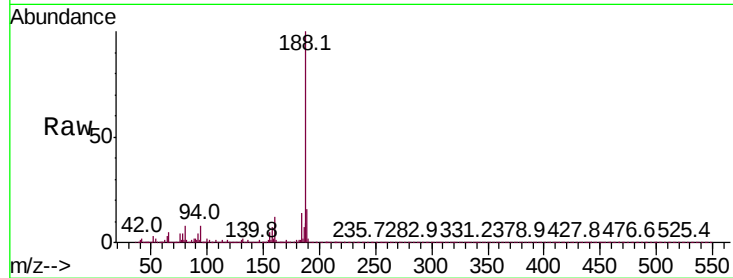
Tot Ion:188 Resp: 88307

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.8

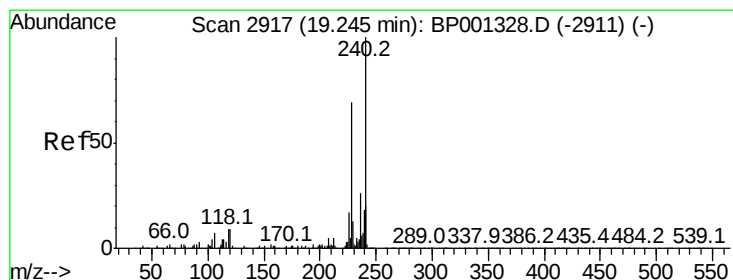
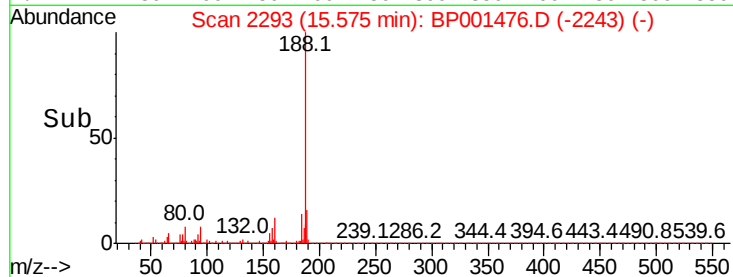
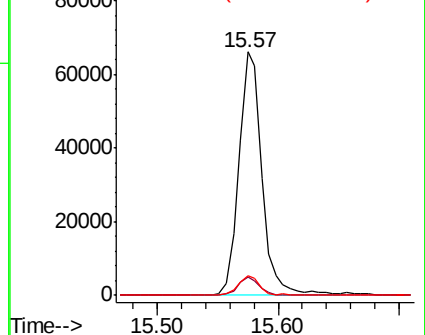
80 8.2 5.7 8.5



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: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001476.D

Acq: 28 Dec 2019 00:16

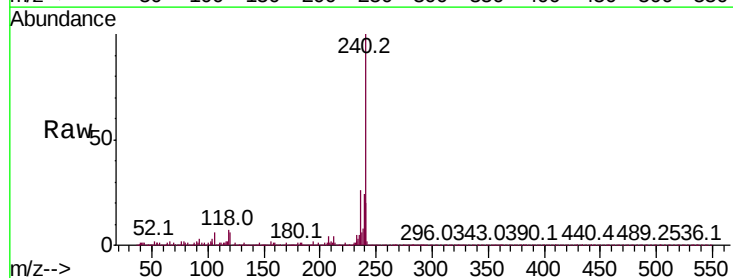
Tgt Ion:240 Resp: 75133

Ion Ratio Lower Upper

240 100

120 6.4 6.2 9.2

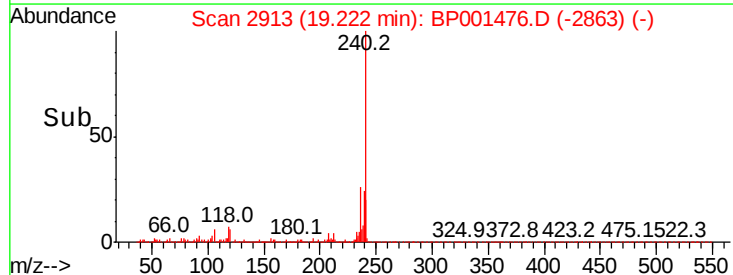
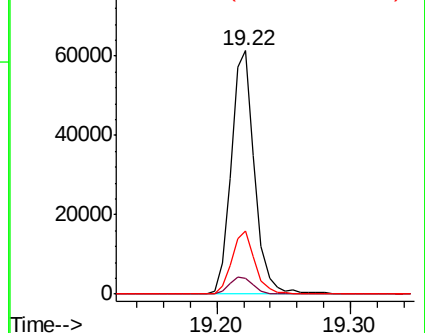
236 26.0 20.2 30.2

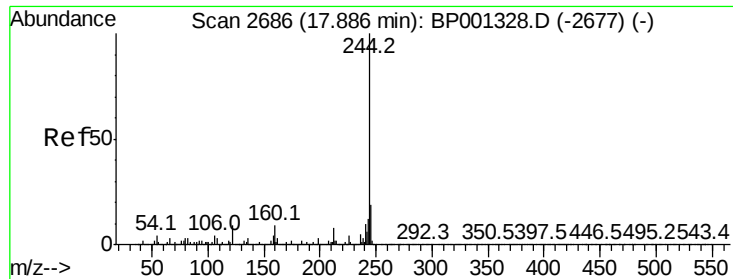


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.737 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

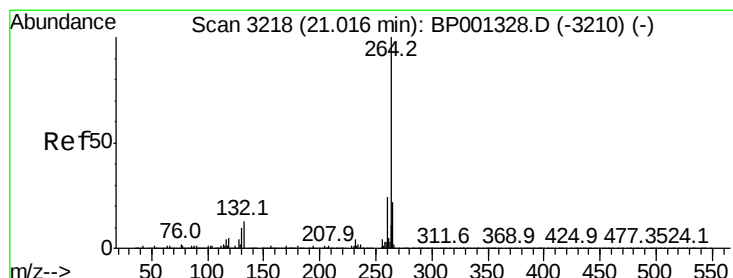
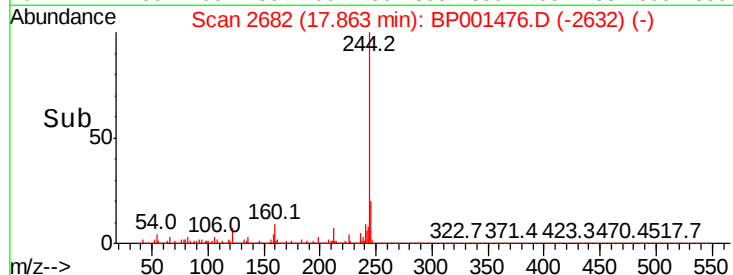
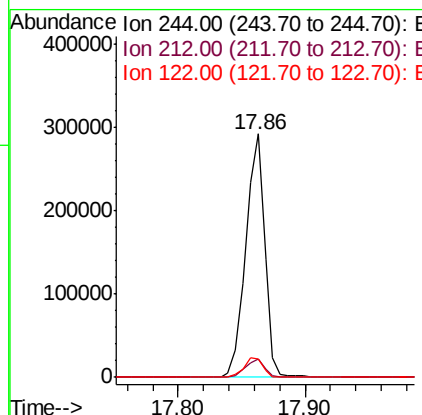
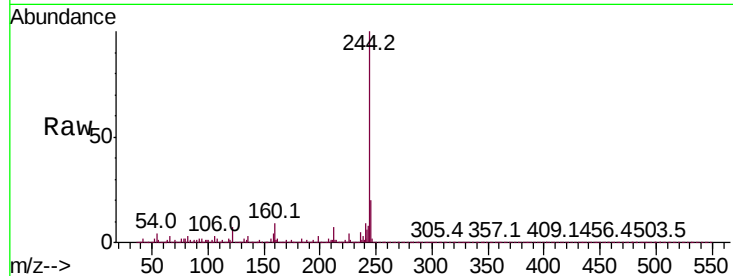
Lab File: BP001476.D

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Instrument :
BNA_P
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DUNR-BF006-01

Tot Ion:244 Resp: 301527

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	7.4	6.4	9.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001476.D

Acq: 28 Dec 2019 00:16

Tgt Ion:264 Resp: 80304

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.7	17.0	25.4

