

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001477.D
 Acq On : 28 Dec 2019 00:47
 Operator : JU
 Sample : K6438-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUNR-BF007-01

Quant Time: Dec 28 04:29:44 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

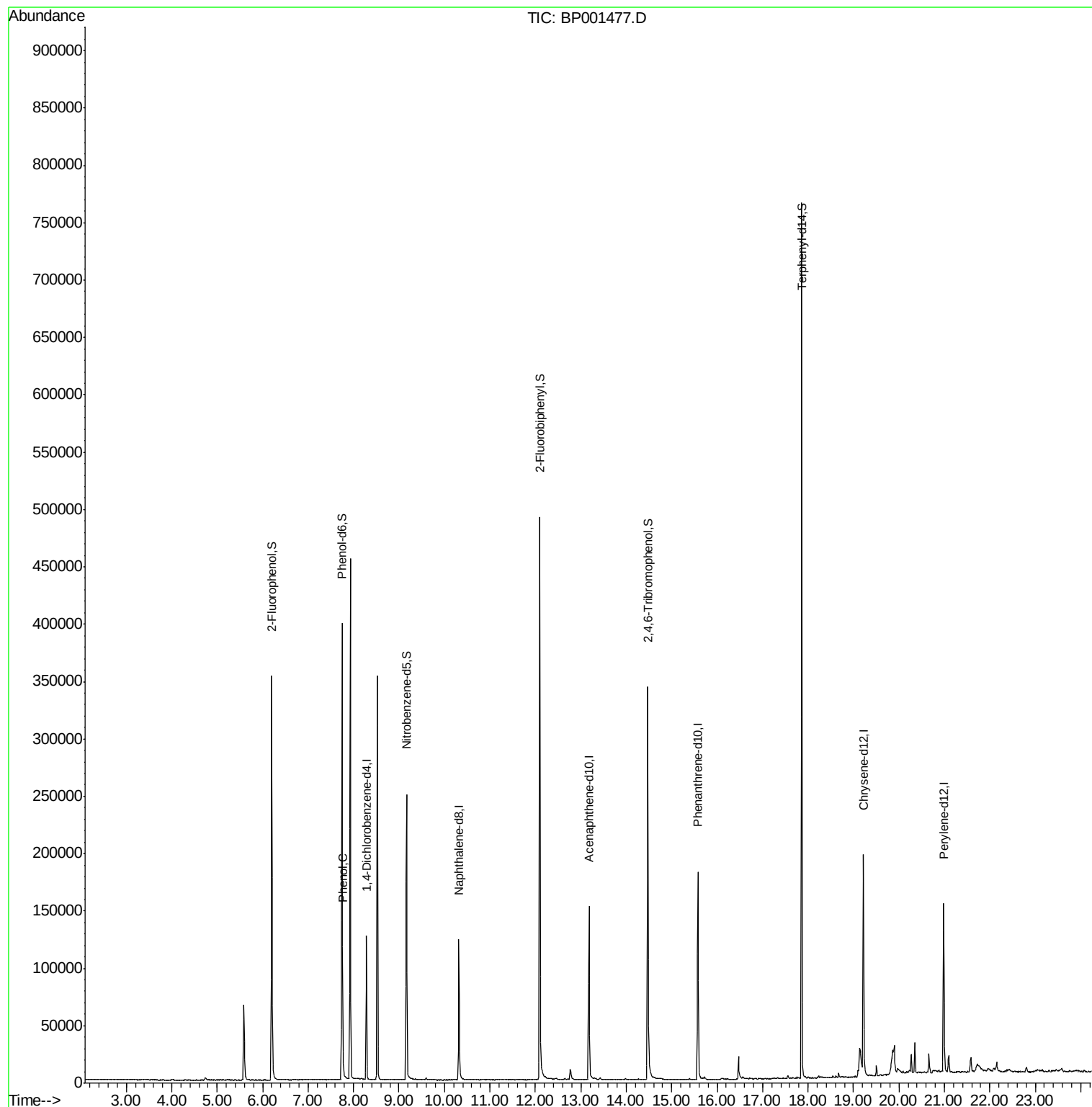
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	20342	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	70894	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	44705	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	93665	20.00	ng	0.00
76) Chrysene-d12	19.22	240	77829	20.00	ng	0.00
87) Perylene-d12	20.99	264	81612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	110997	88.19	ng	0.00
7) Phenol-d6	7.75	99	144632	88.06	ng	0.00
23) Nitrobenzene-d5	9.16	82	98399	53.30	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	53063	94.94	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	200246	56.64	ng	0.00
79) Terphenyl-d14	17.86	244	285456	62.82	ng	0.00
Target Compounds						
10) Phenol	7.76	94	3754	2.000	ng	Qvalue 92

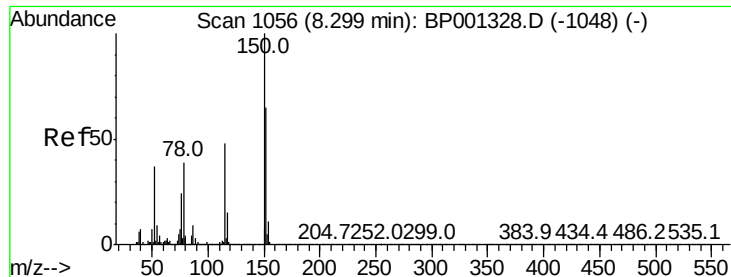
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001477.D

Acq: 28 Dec 2019 00:47

Instrument :

BNA_P

ClientSampleId :

DUNR-BF007-01

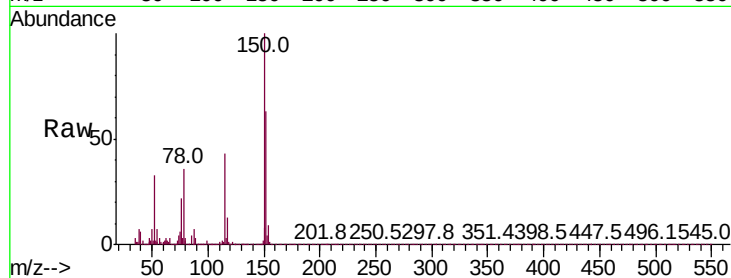
Tot Ion:152 Resp: 20342

Ion Ratio Lower Upper

152 100

150 160.0 127.0 190.6

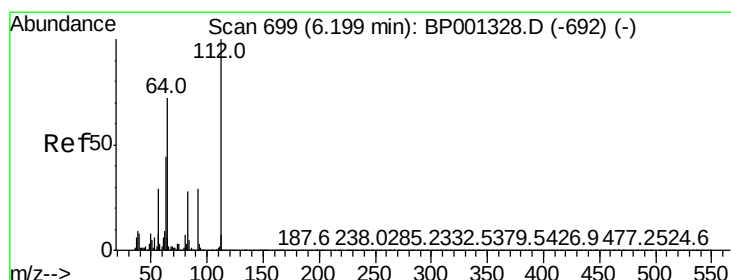
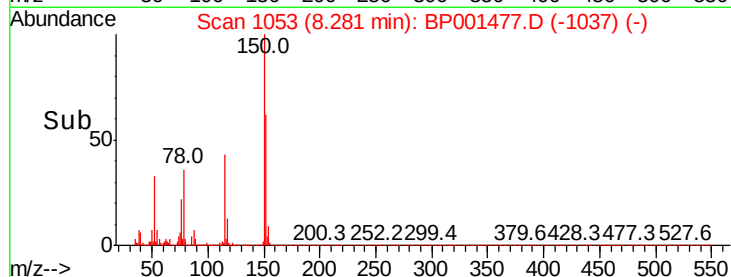
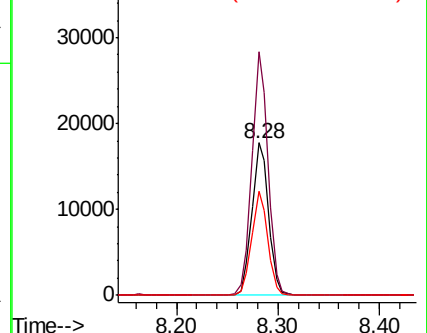
115 68.3 56.1 84.1



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: 88.188 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001477.D

Acq: 28 Dec 2019 00:47

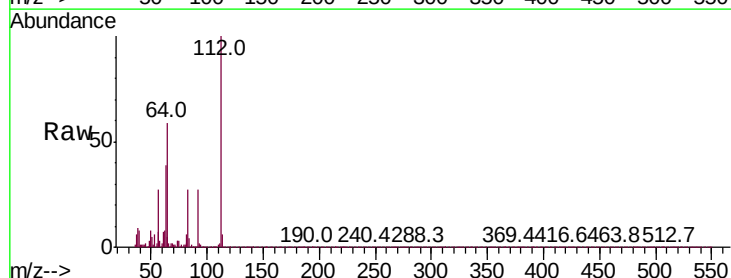
Tgt Ion:112 Resp: 110997

Ion Ratio Lower Upper

112 100

64 59.2 53.9 80.9

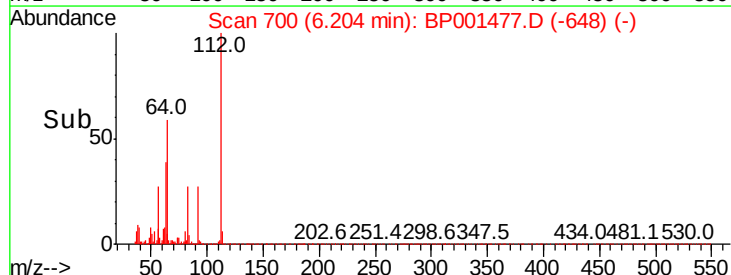
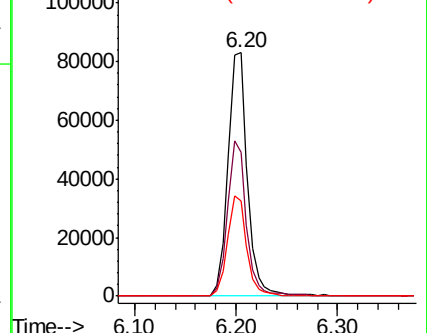
63 39.1 33.4 50.0

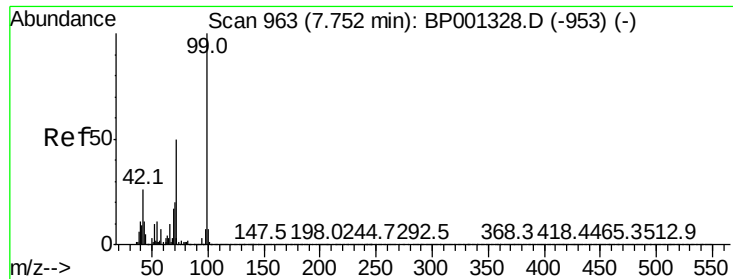


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 88.063 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001477.D

Acq: 28 Dec 2019 00:47

Instrument :

BNA_P

ClientSampleId :

DUNR-BF007-01

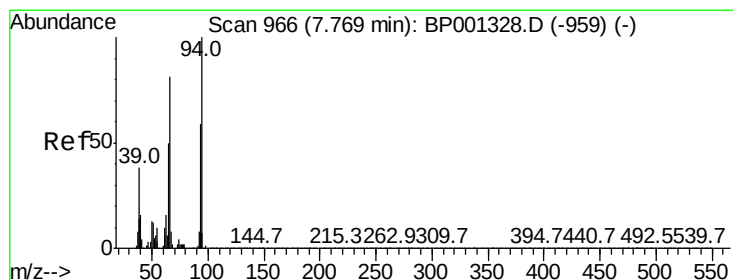
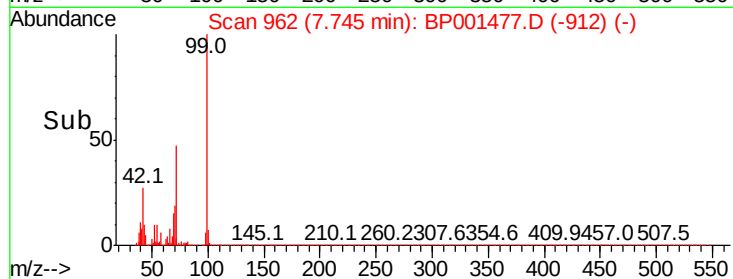
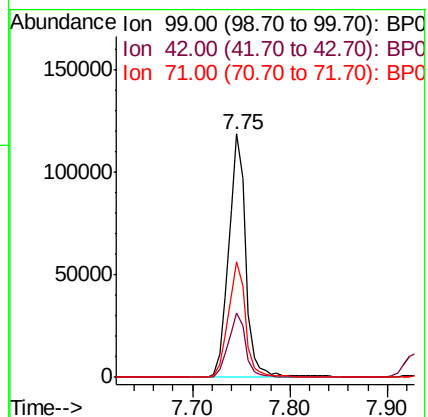
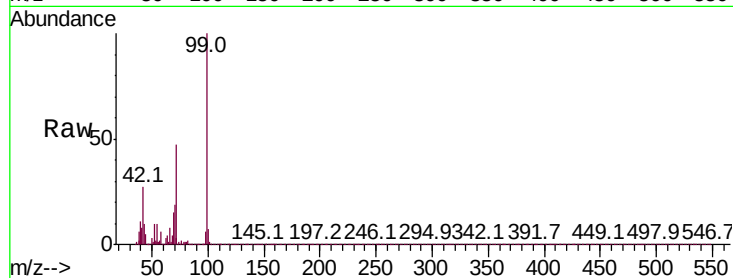
Tot Ion: 99 Resp: 144632

Ion Ratio Lower Upper

99 100

42 26.5 20.8 31.2

71 47.4 38.2 57.4



#10

Phenol

Concen: 2.000 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001477.D

Acq: 28 Dec 2019 00:47

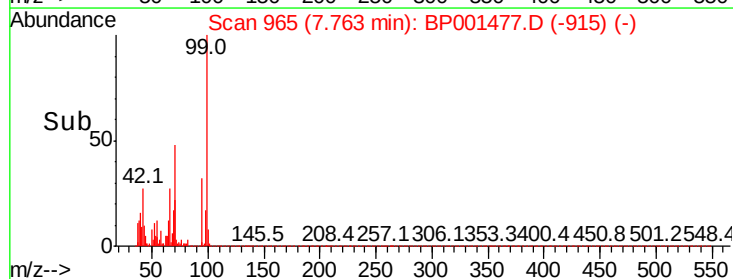
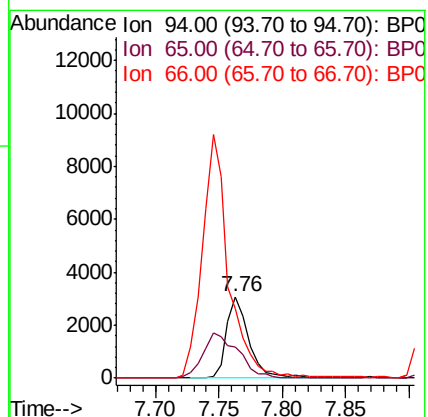
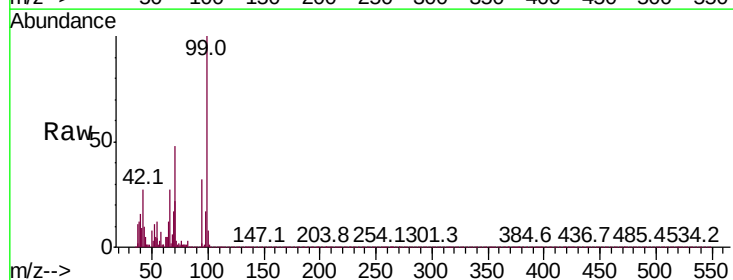
Tgt Ion: 94 Resp: 3754

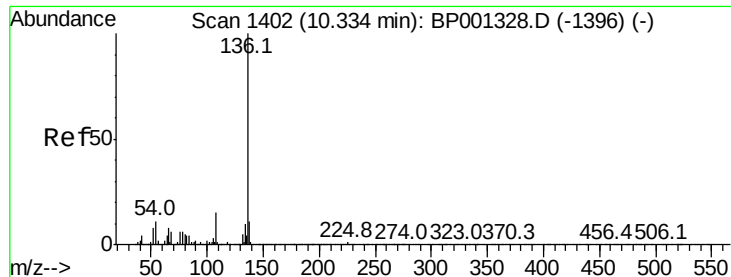
Ion Ratio Lower Upper

94 100

65 38.8 29.6 69.6

66 84.8 62.3 102.3

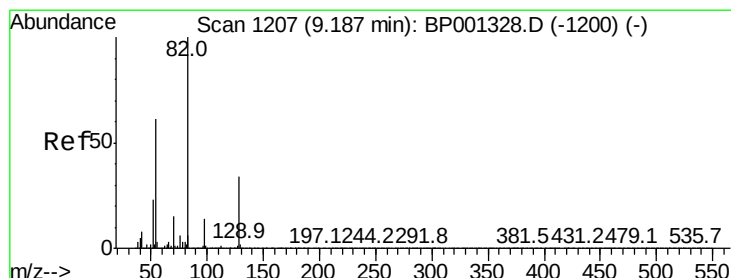
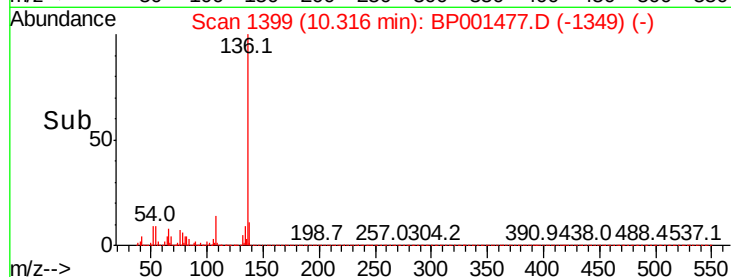
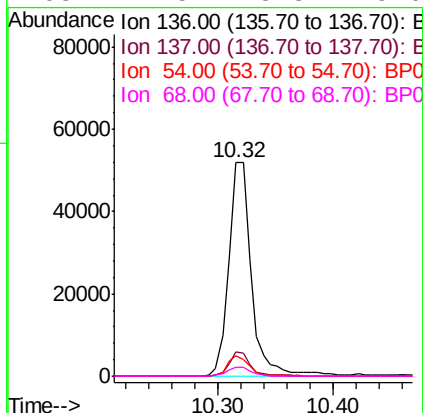
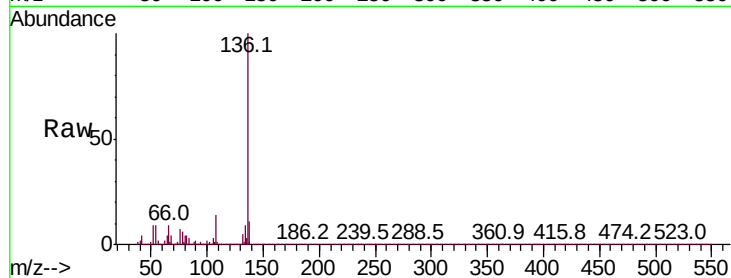




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

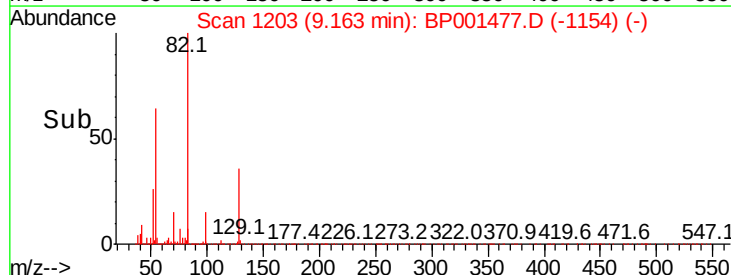
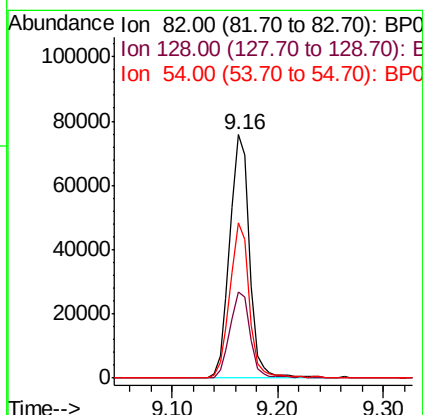
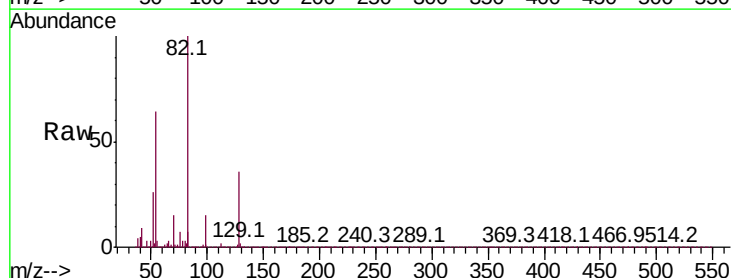
Instrument :
BNA_P
ClientSampleId :
DUNR-BF007-01

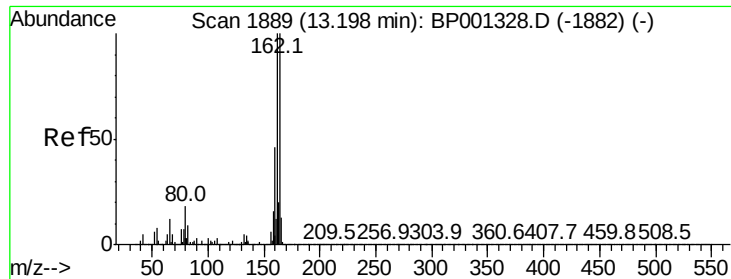
Tot Ion:	136	Resp:	70894
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.4	7.3	10.9
68	4.5	3.8	5.6



#23
Nitrobenzene-d5
Concen: 53.300 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Tgt Ion:	82	Resp:	98399
Ion	Ratio	Lower	Upper
82	100		
128	35.6	27.4	41.0
54	63.6	47.5	71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001477.D

Acq: 28 Dec 2019 00:47

Instrument :

BNA_P

ClientSampleId :

DUNR-BF007-01

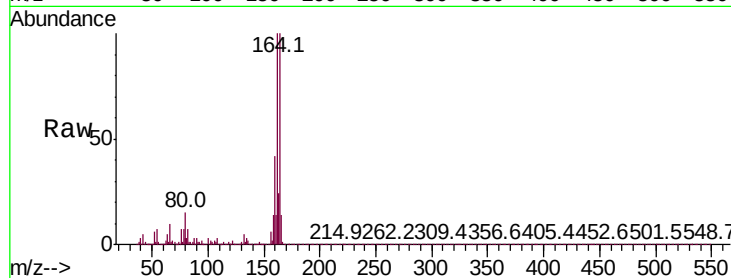
Tot Ion:164 Resp: 44705

Ion Ratio Lower Upper

164 100

162 100.3 78.2 117.4

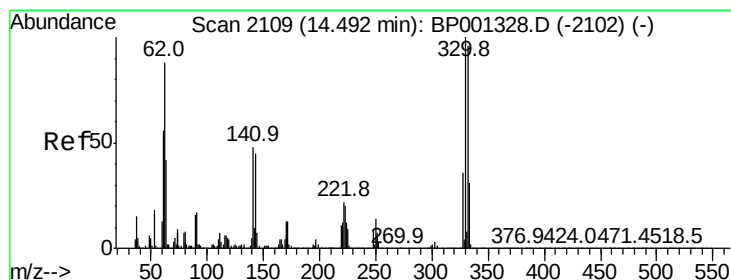
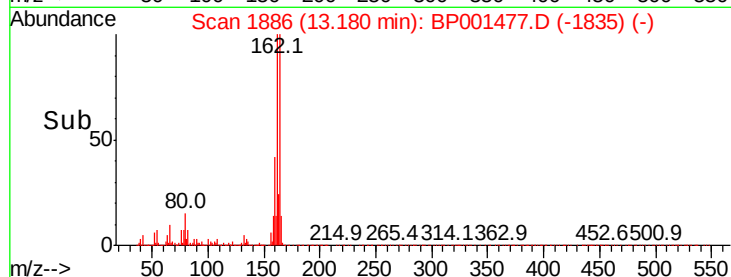
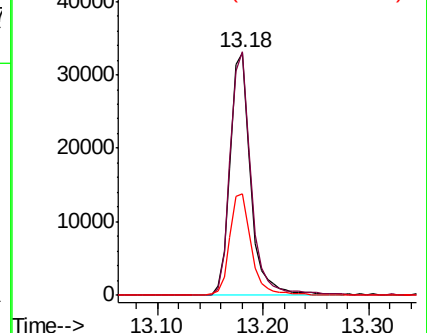
160 41.8 35.1 52.7



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: 94.939 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001477.D

Acq: 28 Dec 2019 00:47

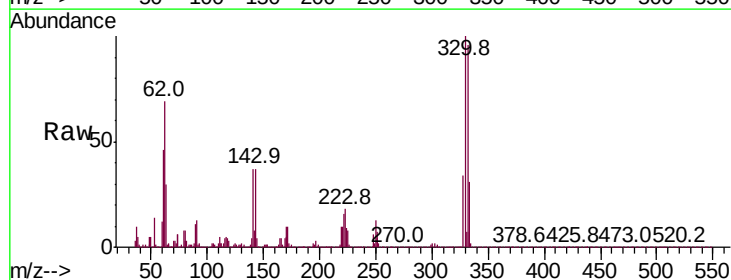
Tgt Ion:330 Resp: 53063

Ion Ratio Lower Upper

330 100

332 96.6 78.3 117.5

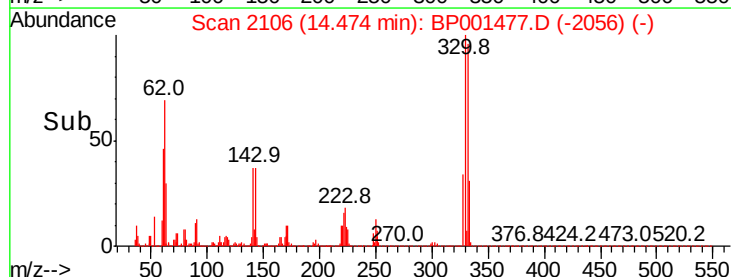
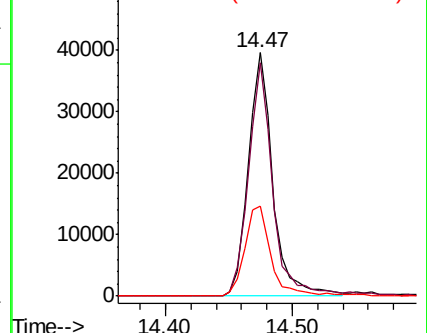
141 39.9 26.8 40.2

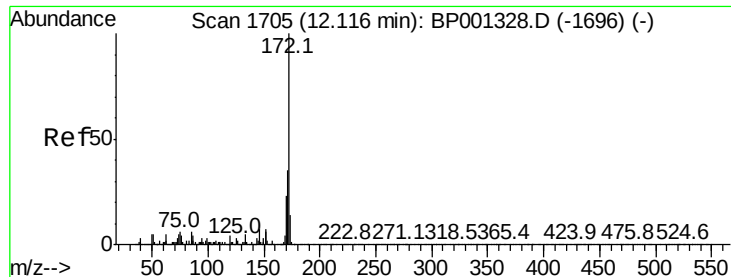


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

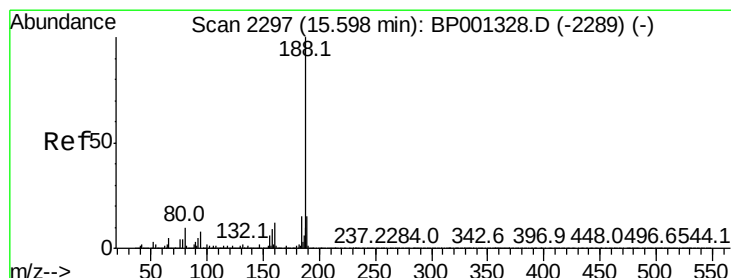
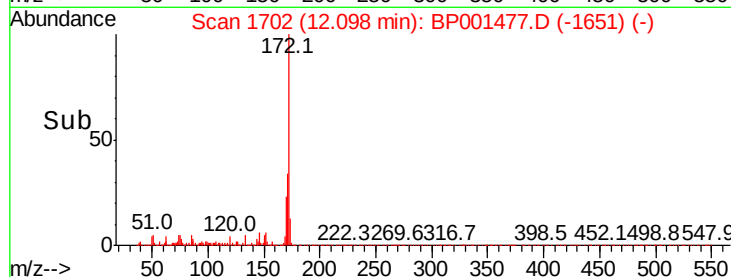
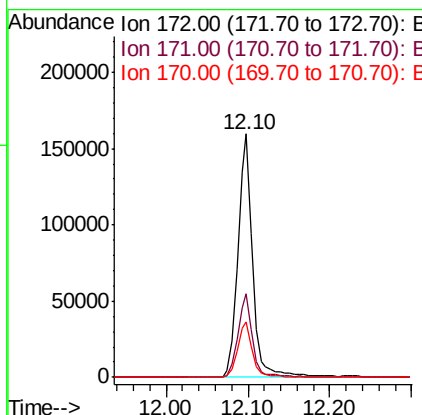
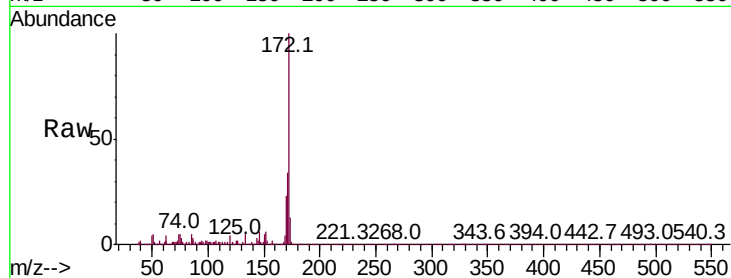




#45
2-Fluorobiphenyl
Concen: 56.640 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

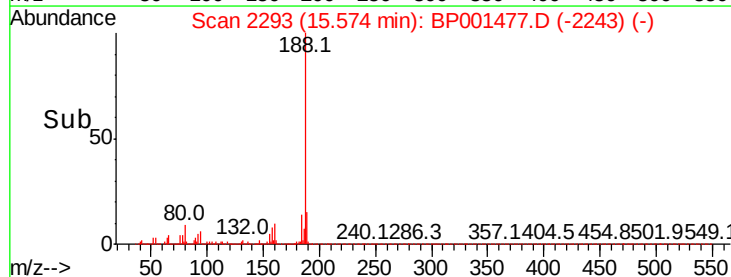
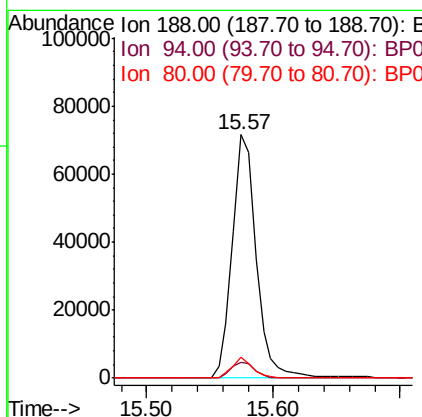
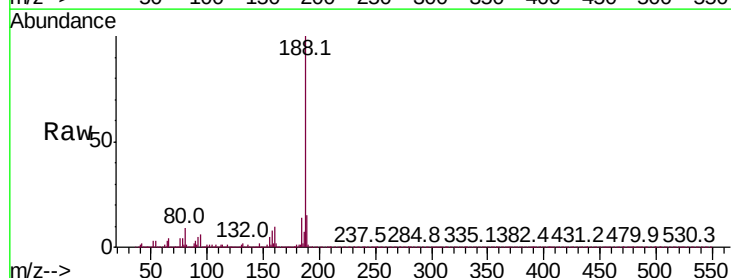
Instrument :
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DUNR-BF007-01

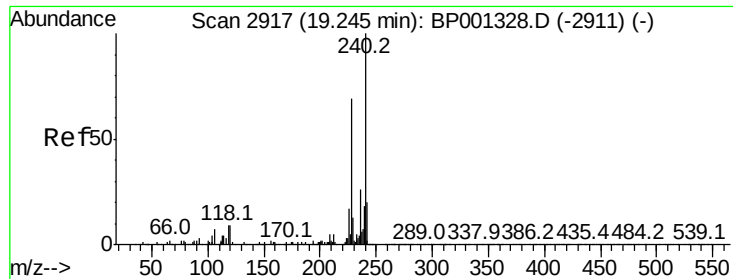
Tot Ion:172 Resp: 200246
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 22.7 18.2 27.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Tgt Ion:188 Resp: 93665
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 8.6 5.7 8.5#

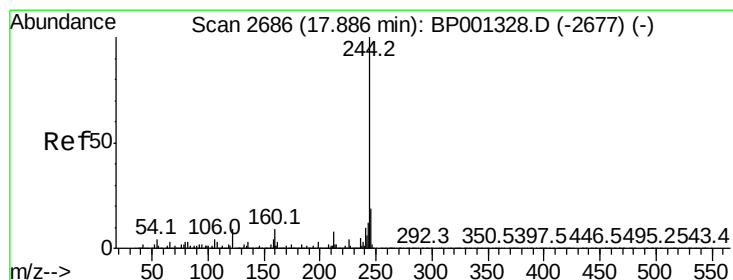
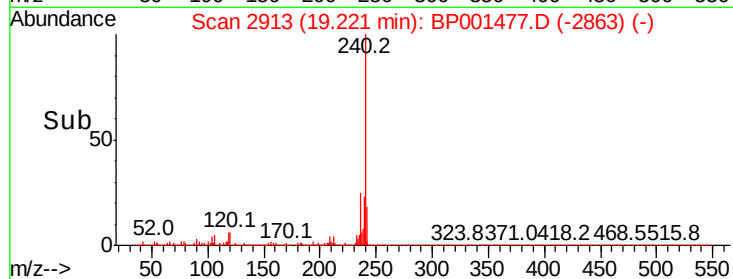
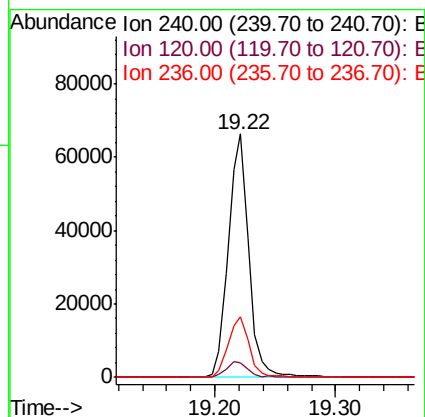
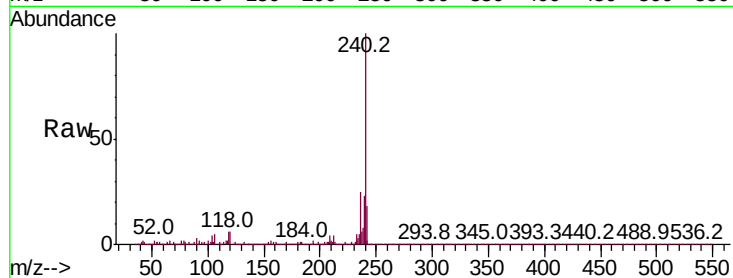




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 19.22 min Scan# 2913
 Delta R.T. -0.01 min
 Lab File: BP001477.D
 Acq: 28 Dec 2019 00:47

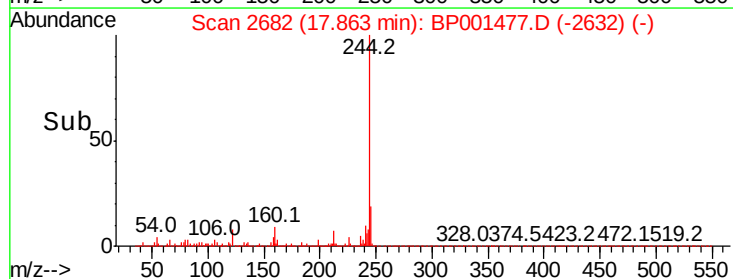
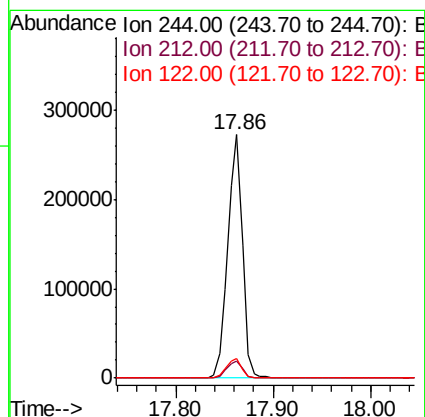
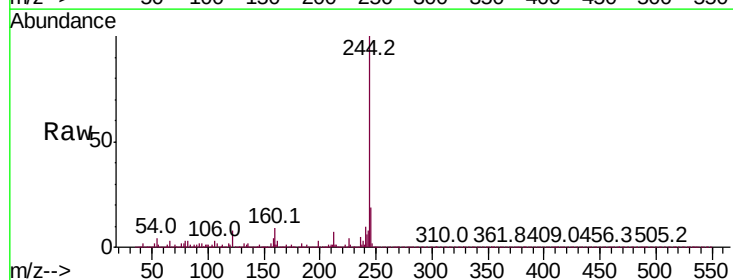
Instrument :
 BNA_P
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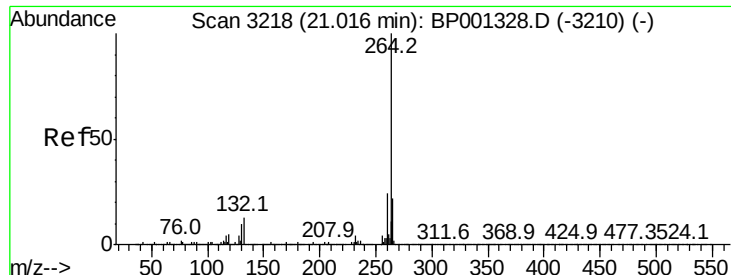
Tot Ion:240 Resp: 77829
 Ion Ratio Lower Upper
 240 100
 120 6.1 6.2 9.2#
 236 24.8 20.2 30.2



#79
 Terphenyl-d14
 Concen: 62.820 ng
 RT: 17.86 min Scan# 2682
 Delta R.T. -0.01 min
 Lab File: BP001477.D
 Acq: 28 Dec 2019 00:47

Tgt Ion:244 Resp: 285456
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 7.9 6.4 9.6

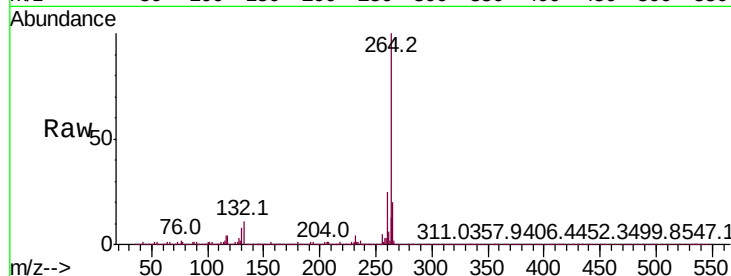




#87
Pervlene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BP001477.D
Acq: 28 Dec 2019 00:47

Instrument :
BNA_P
ClientSampleId :
DUNR-BF007-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.4
265	19.7	17.0	25.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

