

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001448.D
 Acq On : 27 Dec 2019 06:53
 Operator : JU
 Sample : K6436-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K009-WC-2

Quant Time: Dec 27 11:54:04 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	8.29	152	28514	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	102440	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	61634	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	121479	20.00	ng	0.00
76) Chrysene-d12	19.22	240	87620	20.00	ng	0.00
87) Perylene-d12	20.99	264	89605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	219797	124.58	ng	0.02
7) Phenol-d6	7.76	99	261127	113.43	ng	0.00
23) Nitrobenzene-d5	9.17	82	220407	82.62	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	108814	141.21	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	447094	91.73	ng	0.00
79) Terphenyl-d14	17.86	244	561481	109.76	ng	0.00

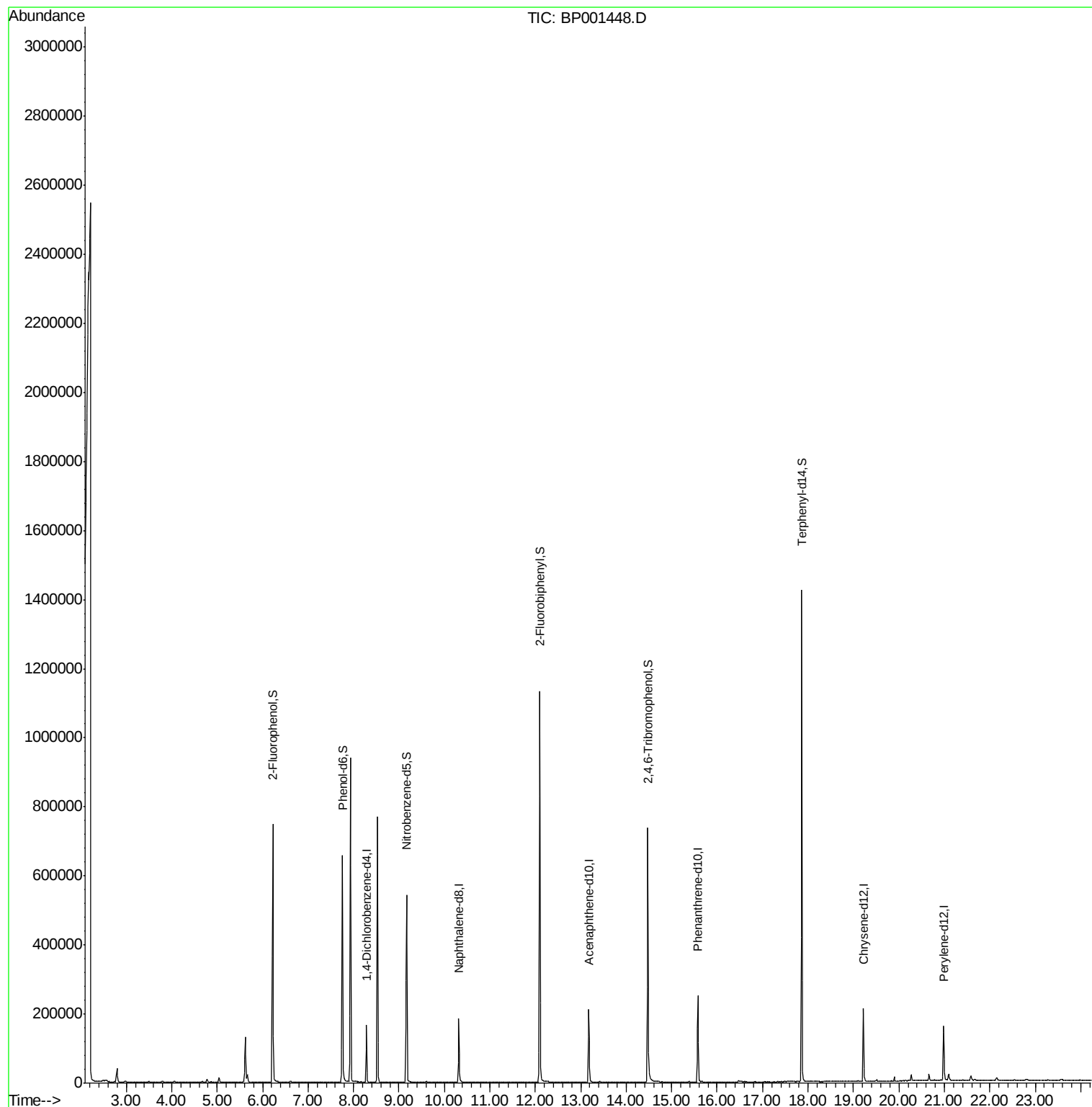
Target Compounds Qvalue

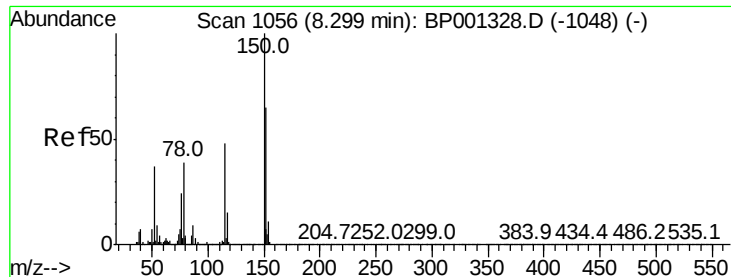
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BP001448.D

Acq: 27 Dec 2019 06:53

Instrument :

BNA_P

ClientSampleId :

K009-WC-2

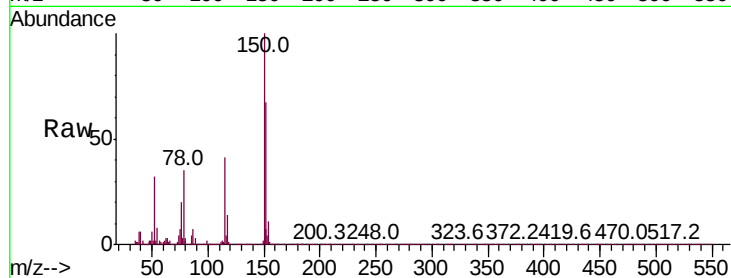
Tot Ion:152 Resp: 28514

Ion Ratio Lower Upper

152 100

150 148.8 127.0 190.6

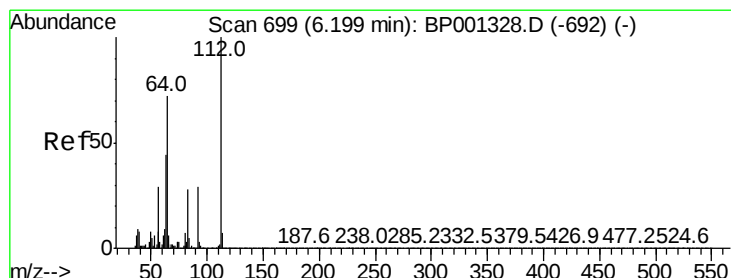
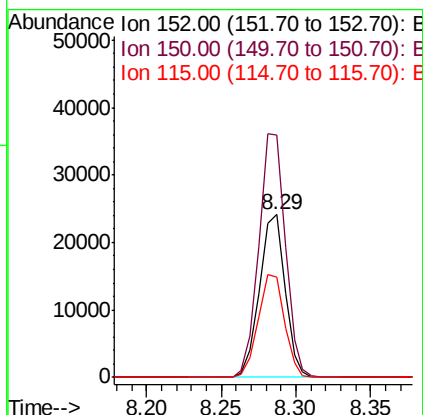
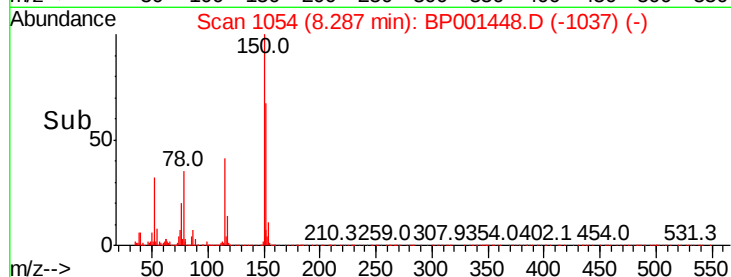
115 61.7 56.1 84.1



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: 124.582 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BP001448.D

Acq: 27 Dec 2019 06:53

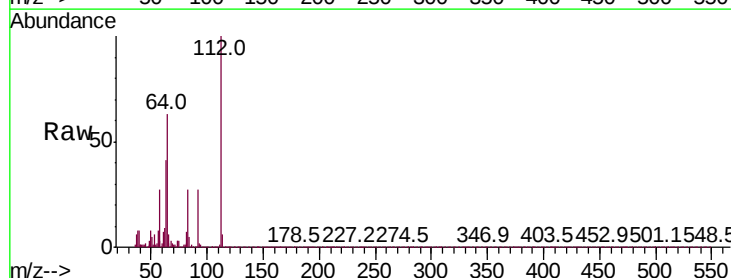
Tgt Ion:112 Resp: 219797

Ion Ratio Lower Upper

112 100

64 62.8 53.9 80.9

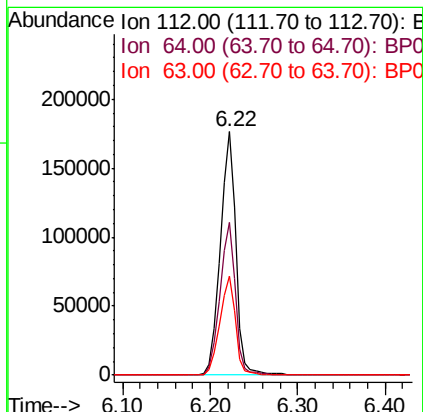
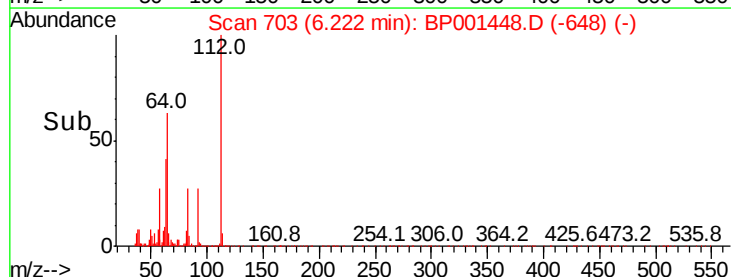
63 40.6 33.4 50.0

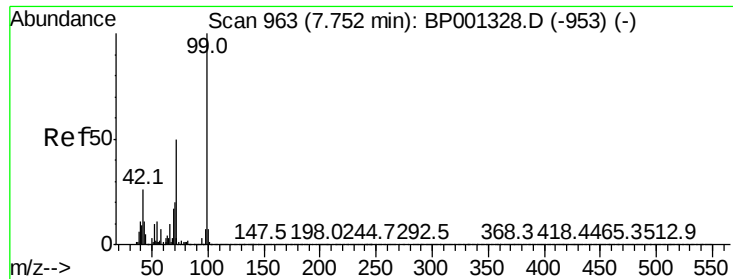


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 113.428 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001448.D

Acq: 27 Dec 2019 06:53

Instrument :

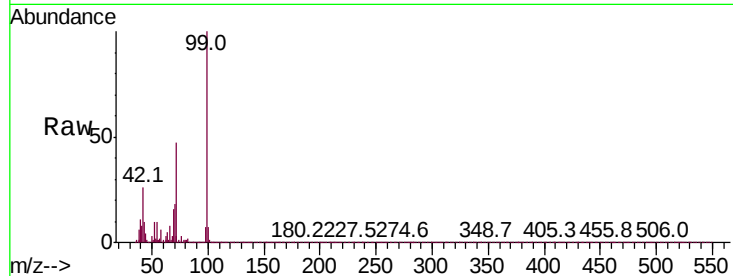
BNA_P

ClientSampleId :

K009-WC-2

Tot Ion: 99 Resp: 261127

Ion	Ratio	Lower	Upper
99	100		
42	26.1	20.8	31.2
71	46.7	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

250000

200000

150000

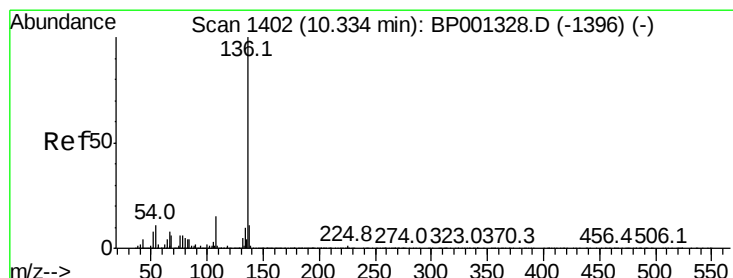
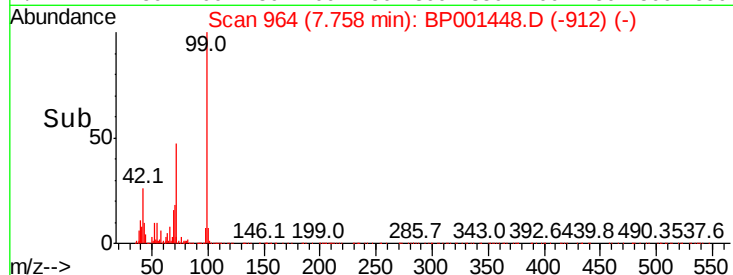
100000

50000

0

7.76

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1399

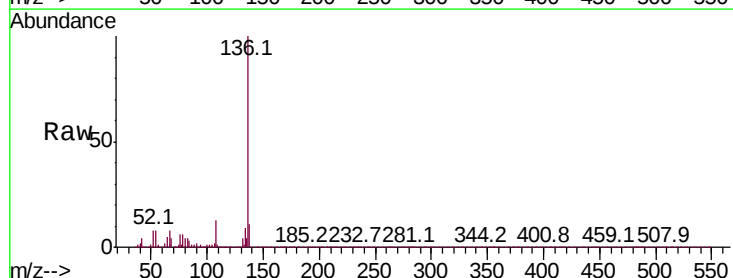
Delta R.T. -0.01 min

Lab File: BP001448.D

Acq: 27 Dec 2019 06:53

Tgt Ion: 136 Resp: 102440

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.8	7.3	10.9
68	4.0	3.8	5.6



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

120000

100000

80000

60000

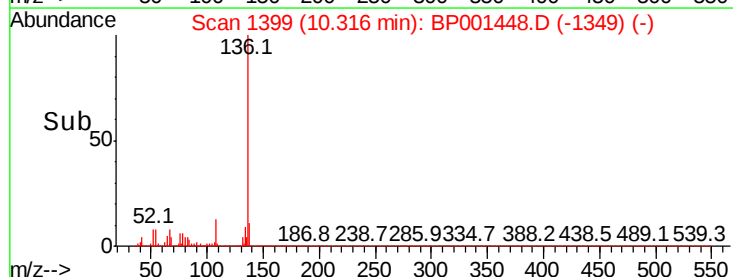
40000

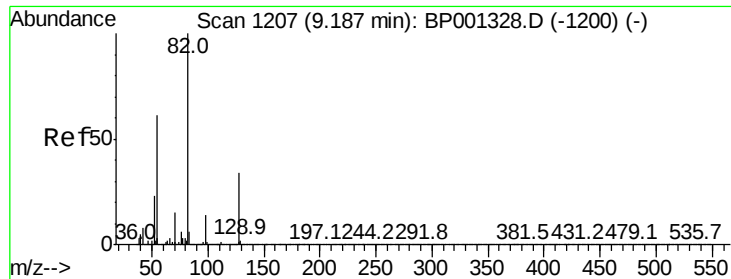
20000

0

10.32

Time-->

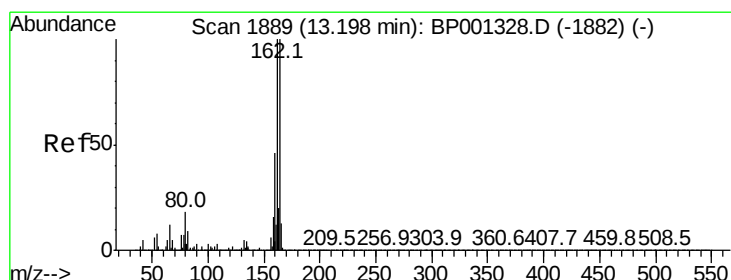
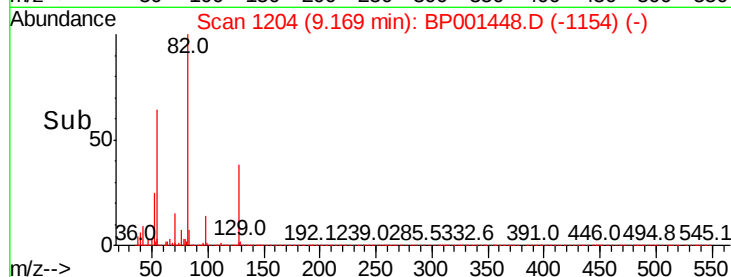
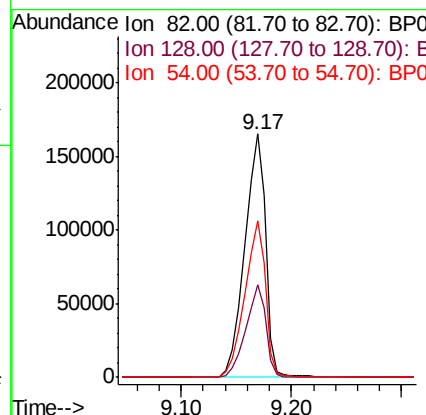
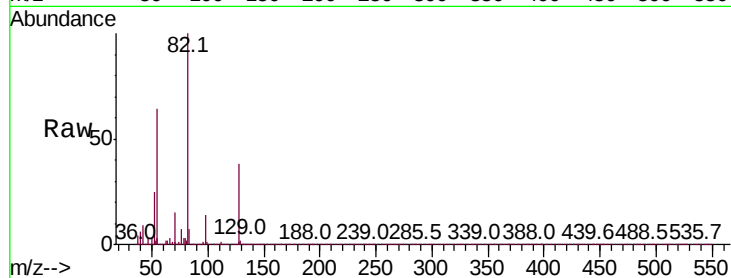




#23
 Nitrobenzene-d5
 Concen: 82.623 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BP001448.D
 Acq: 27 Dec 2019 06:53

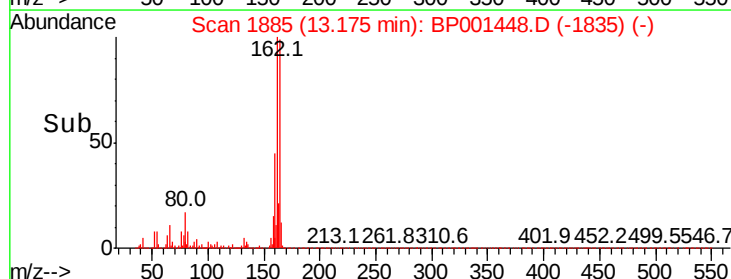
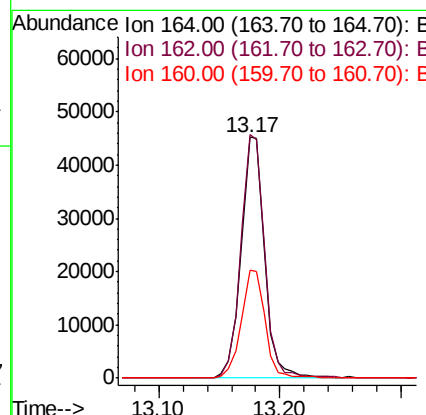
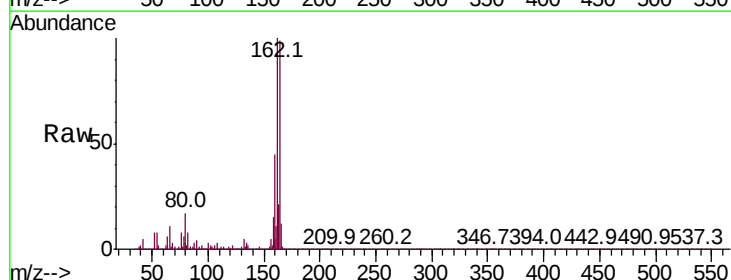
Instrument :
 BNA_P
 ClientSampled :
 K009-WC-2

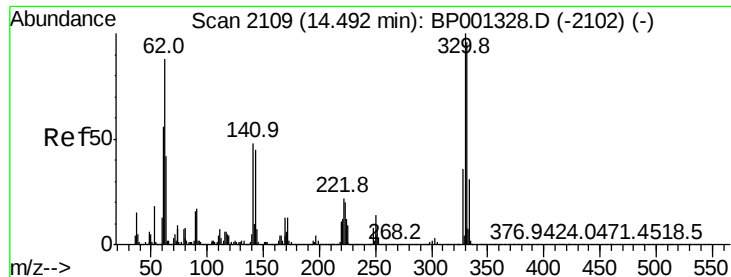
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	27.4	41.0
54	64.1	47.5	71.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.17 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BP001448.D
 Acq: 27 Dec 2019 06:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.2	117.4
160	45.1	35.1	52.7

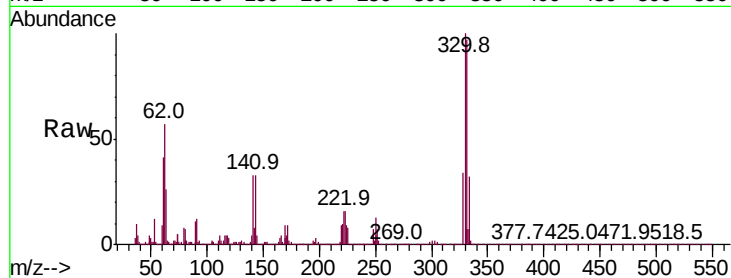




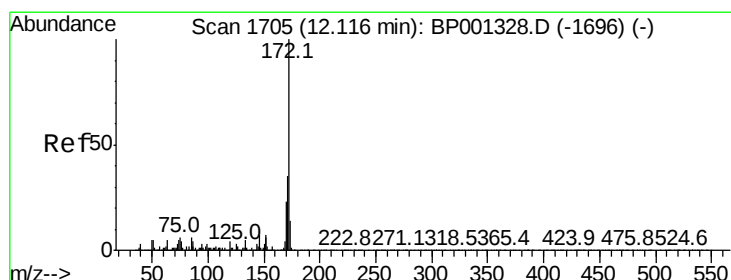
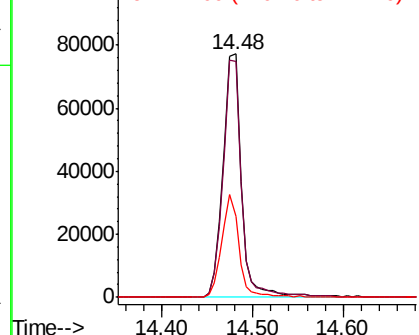
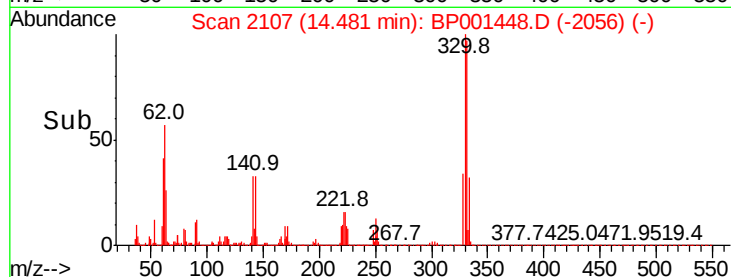
#42
 2,4,6-Tribromophenol
 Concen: 141.213 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BP001448.D
 Acq: 27 Dec 2019 06:53

Instrument :
 BNA_P
 ClientSampleId :
 K009-WC-2

Tot Ion:330 Resp: 108814
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.3 117.5
 141 39.6 26.8 40.2

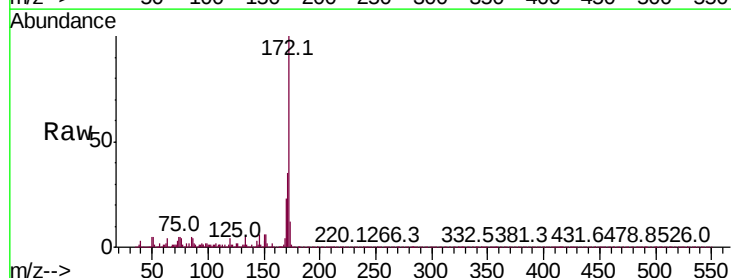


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

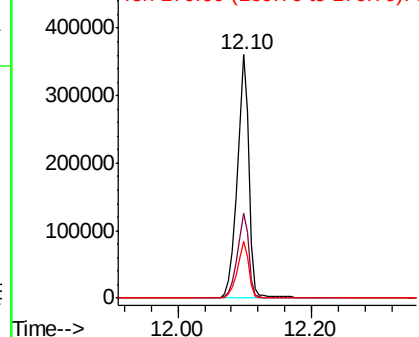
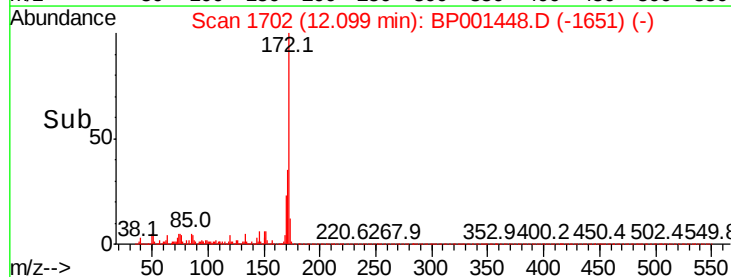


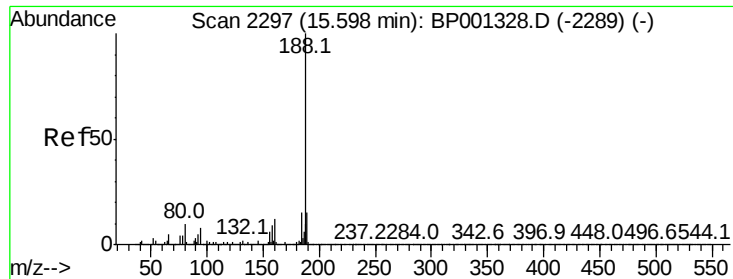
#45
 2-Fluorobiphenyl
 Concen: 91.726 ng
 RT: 12.10 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BP001448.D
 Acq: 27 Dec 2019 06:53

Tgt Ion:172 Resp: 447094
 Ion Ratio Lower Upper
 172 100
 171 35.0 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BP001448.D

Acq: 27 Dec 2019 06:53

Instrument :

BNA_P

ClientSampleId :

K009-WC-2

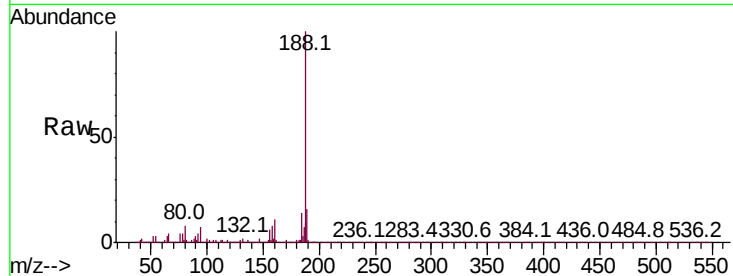
Tot Ion:188 Resp: 121479

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.8

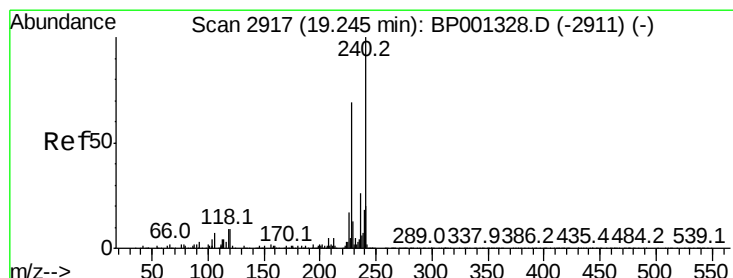
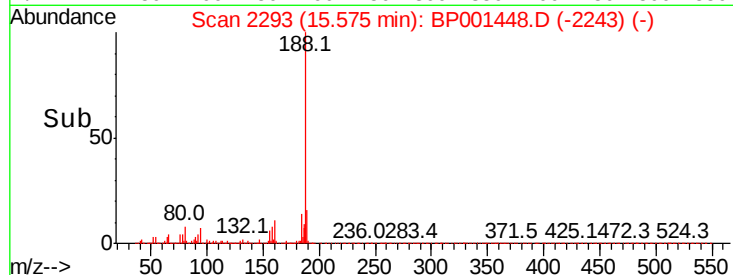
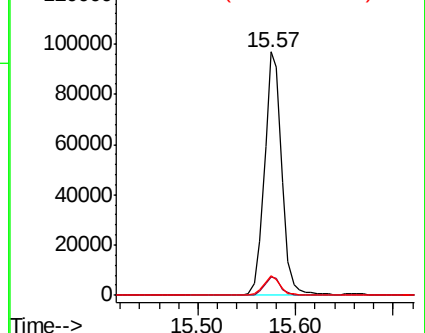
80 8.2 5.7 8.5



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: BP001448.D

Acq: 27 Dec 2019 06:53

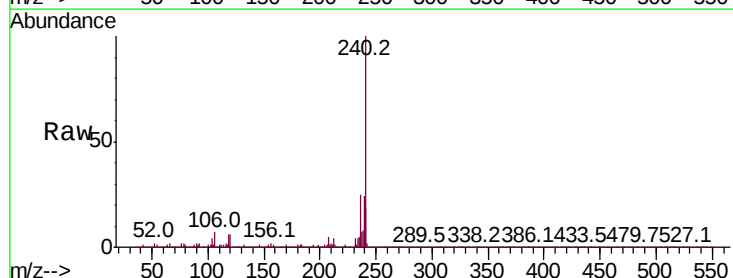
Tgt Ion:240 Resp: 87620

Ion Ratio Lower Upper

240 100

120 6.5 6.2 9.2

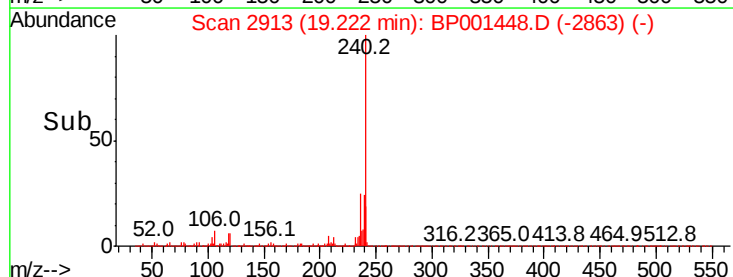
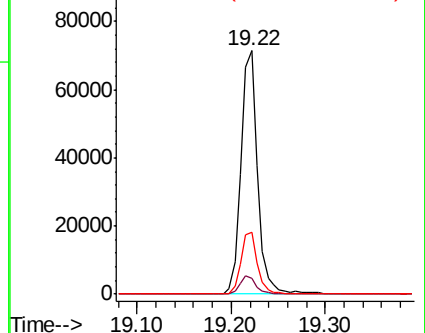
236 25.4 20.2 30.2

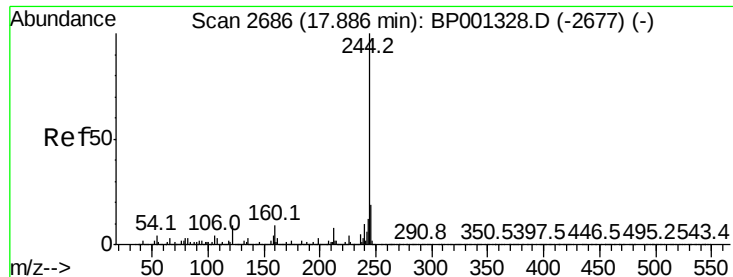


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.756 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001448.D

Acq: 27 Dec 2019 06:53

Instrument :

BNA_P

ClientSampleId :

K009-WC-2

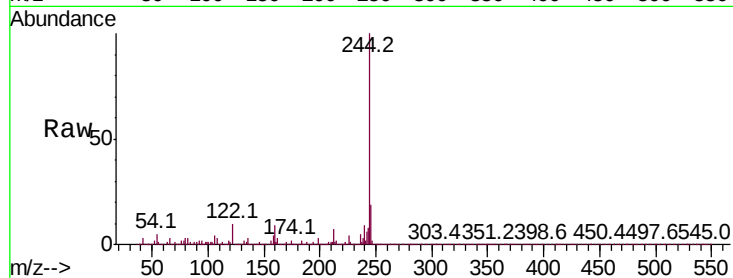
Tot Ion:244 Resp: 561481

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

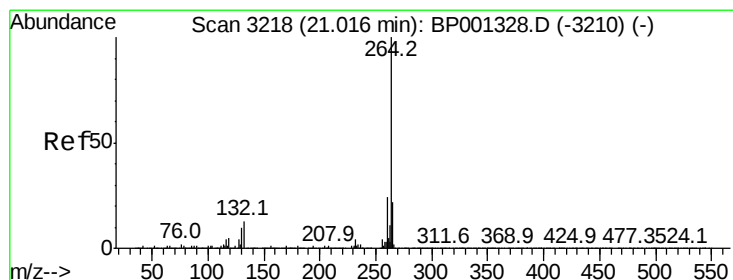
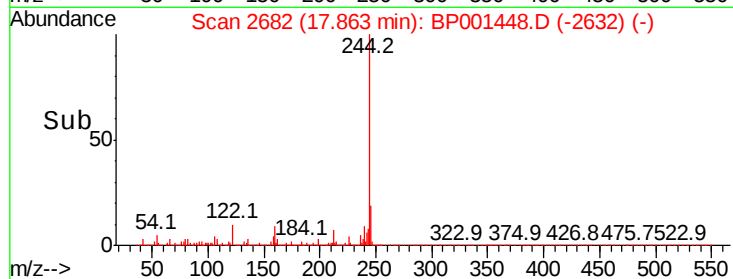
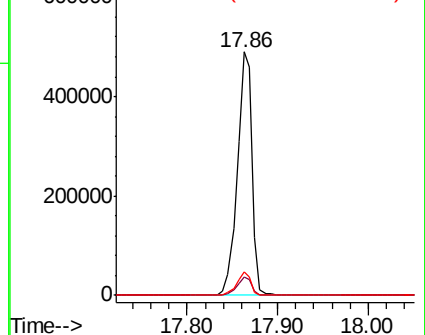
122 9.8 6.4 9.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001448.D

Acq: 27 Dec 2019 06:53

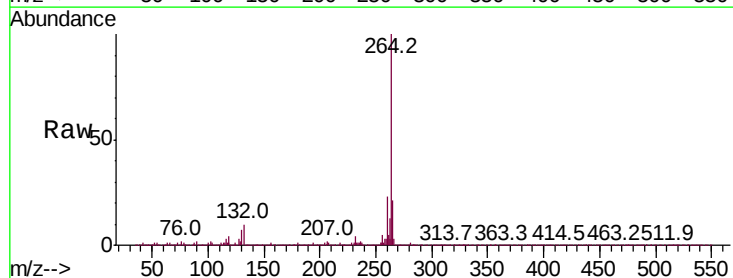
Tgt Ion:264 Resp: 89605

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 20.8 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

