

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
 Data File : BP001488.D
 Acq On : 28 Dec 2019 21:31
 Operator : JU
 Sample : K6442-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K615-WC-1

Quant Time: Dec 29 08:26:51 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	8.27	152	22500	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	80842	20.00	ng	-0.01
39) Acenaphthene-d10	13.17	164	49205	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	101013	20.00	ng	0.00
76) Chrysene-d12	19.23	240	87420	20.00	ng	0.00
87) Perylene-d12	21.00	264	90267	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	159457	114.54	ng	0.00
7) Phenol-d6	7.74	99	185464	102.09	ng	-0.01
23) Nitrobenzene-d5	9.16	82	171189	81.32	ng	-0.02
42) 2,4,6-Tribromophenol	14.47	330	93151	151.42	ng	0.00
45) 2-Fluorobiphenyl	12.09	172	341768	87.83	ng	0.00
79) Terphenyl-d14	17.87	244	526659	103.19	ng	0.00

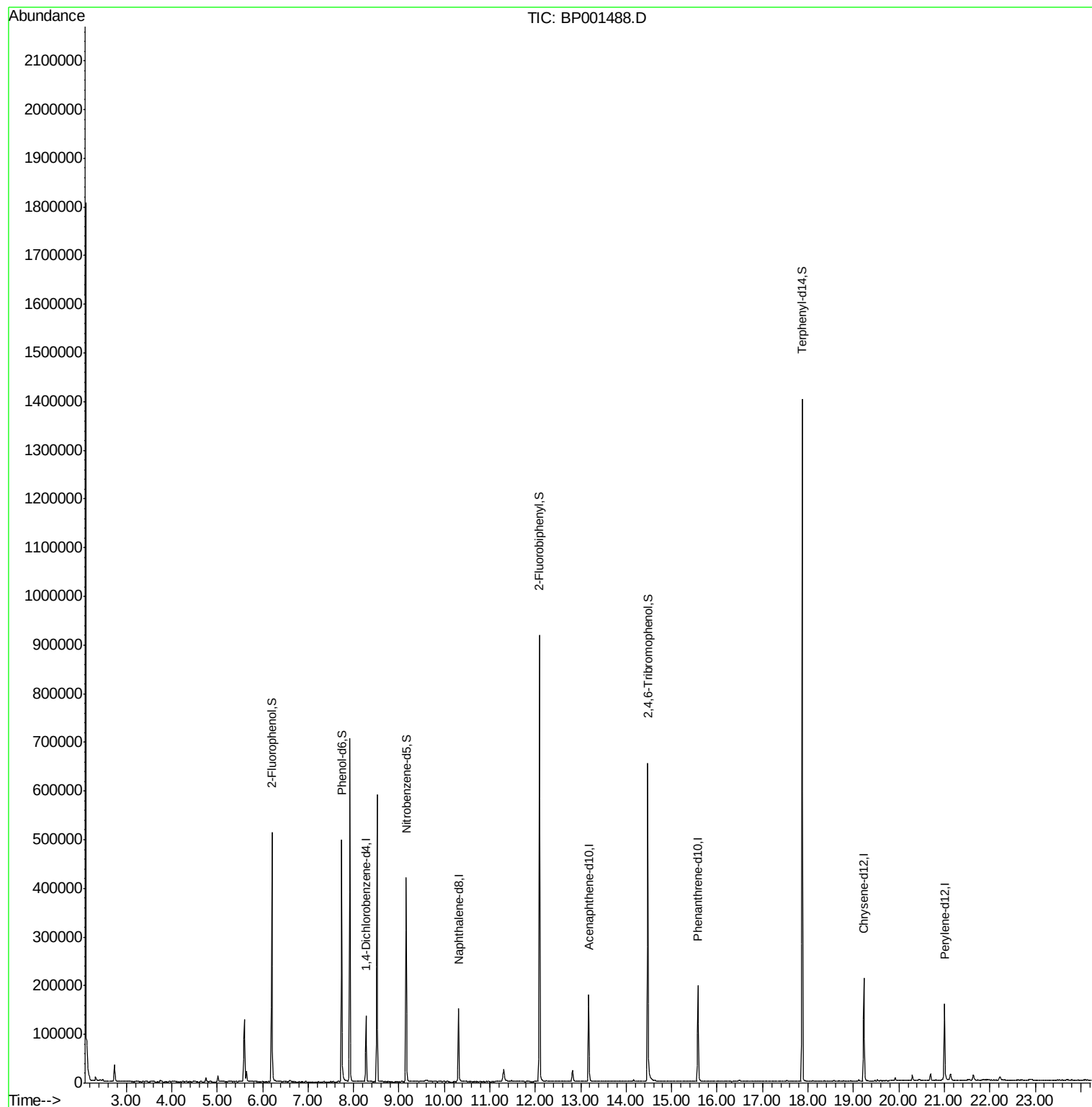
Target Compounds Qvalue

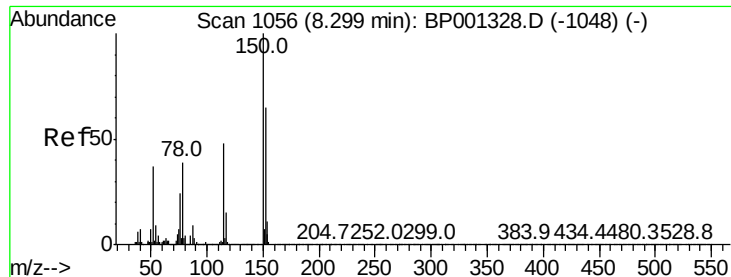
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BP001488.D

Acq: 28 Dec 2019 21:31

Instrument :

BNA_P

ClientSampleId :

K615-WC-1

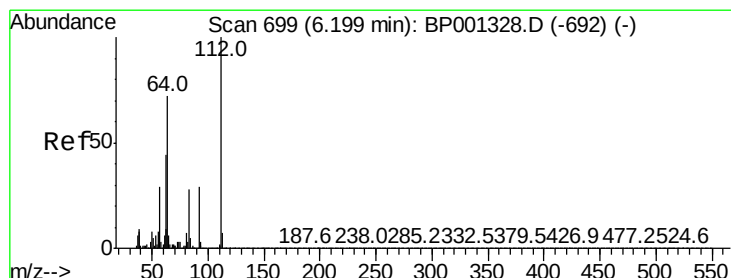
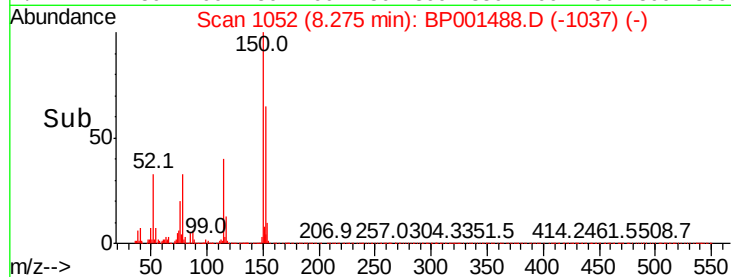
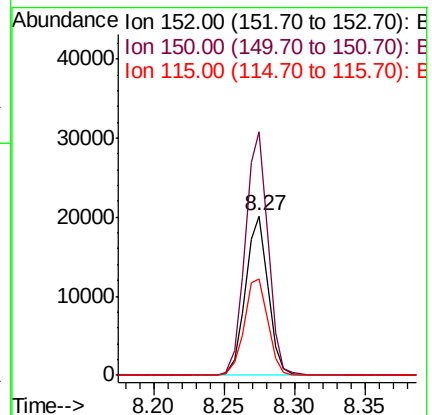
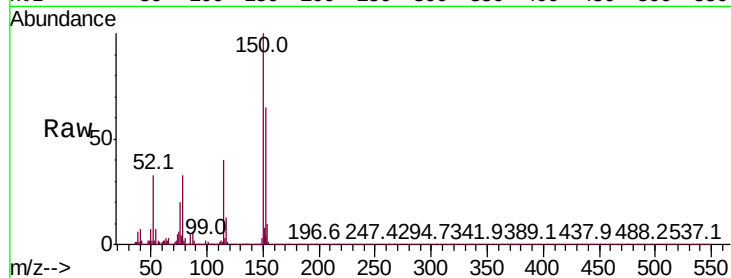
Tot Ion:152 Resp: 22500

Ion Ratio Lower Upper

152 100

150 152.8 127.0 190.6

115 60.5 56.1 84.1



#5

2-Fluorophenol

Concen: 114.539 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001488.D

Acq: 28 Dec 2019 21:31

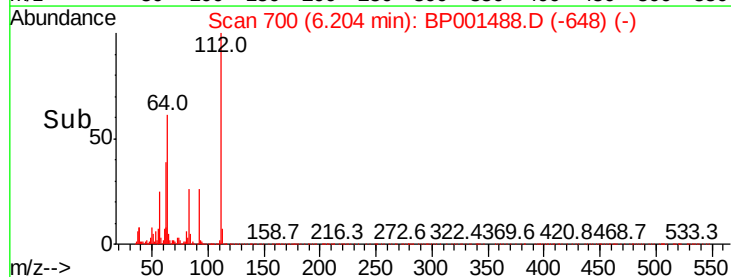
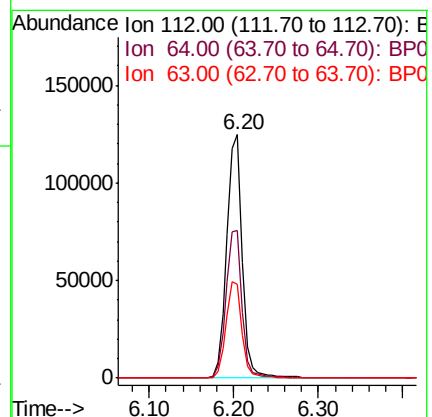
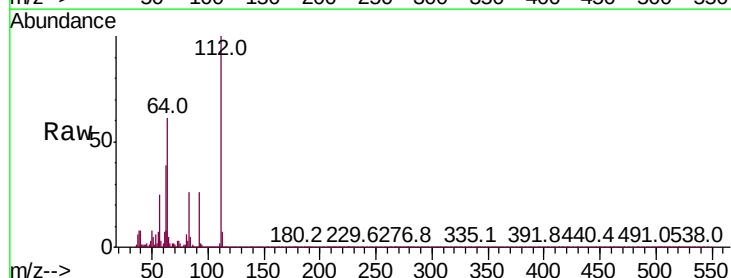
Tgt Ion:112 Resp: 159457

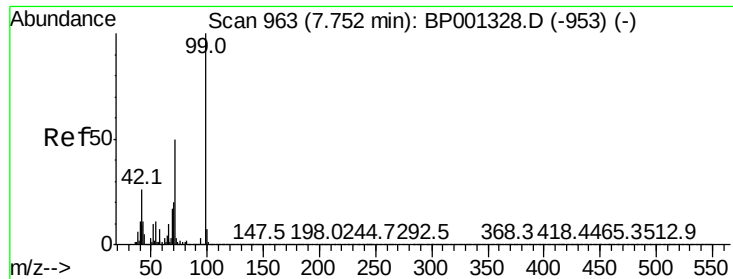
Ion Ratio Lower Upper

112 100

64 60.7 53.9 80.9

63 38.7 33.4 50.0





#7

Phenol-d6

Concen: 102.094 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001488.D

Acq: 28 Dec 2019 21:31

Instrument :

BNA_P

ClientSampleId :

K615-WC-1

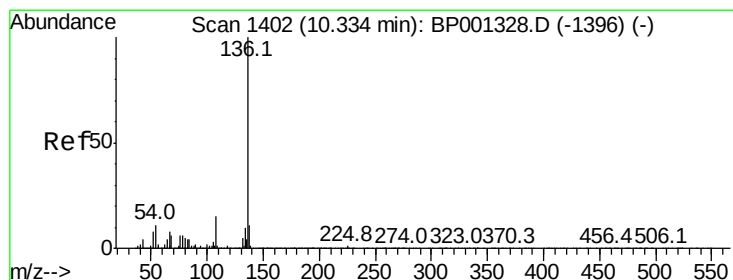
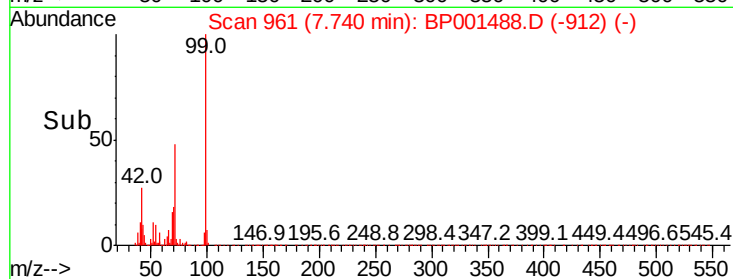
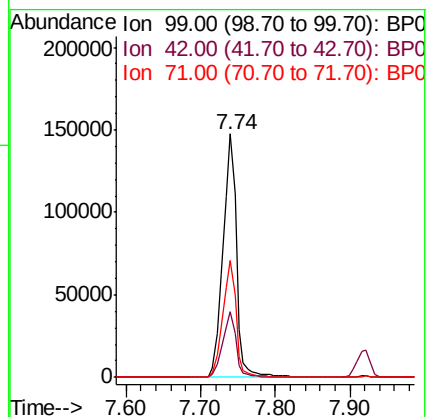
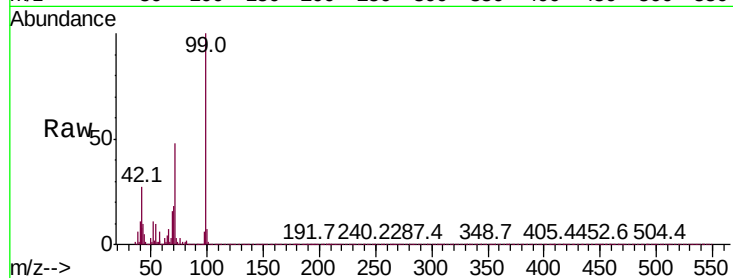
Tot Ion: 99 Resp: 185464

Ion Ratio Lower Upper

99 100

42 27.0 20.8 31.2

71 47.9 38.2 57.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BP001488.D

Acq: 28 Dec 2019 21:31

Tgt Ion: 136 Resp: 80842

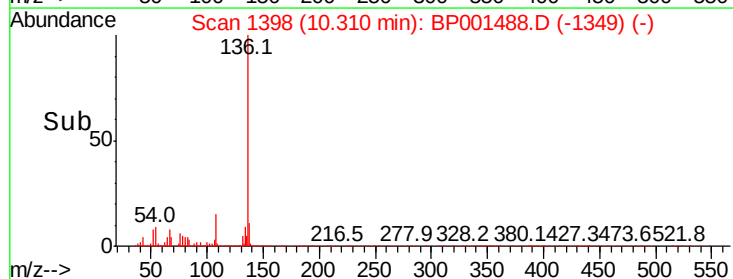
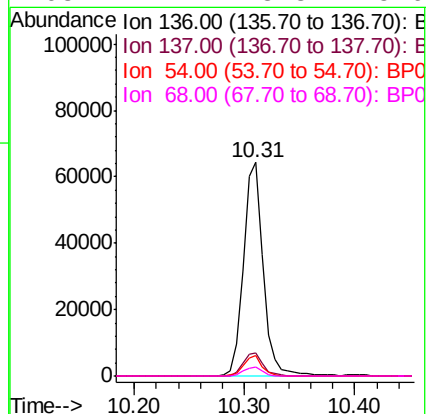
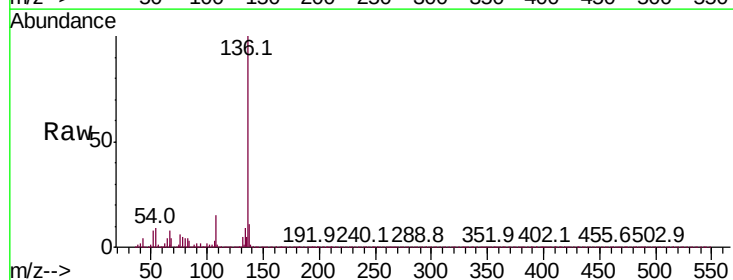
Ion Ratio Lower Upper

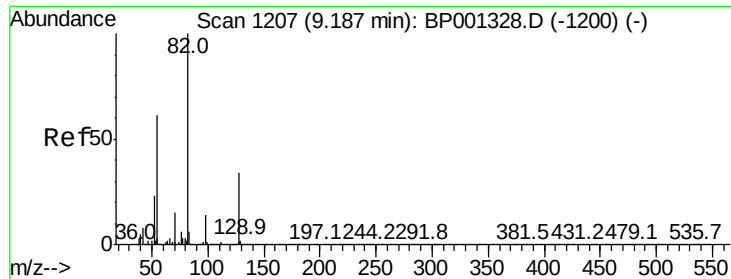
136 100

137 11.1 9.0 13.4

54 9.4 7.3 10.9

68 4.1 3.8 5.6

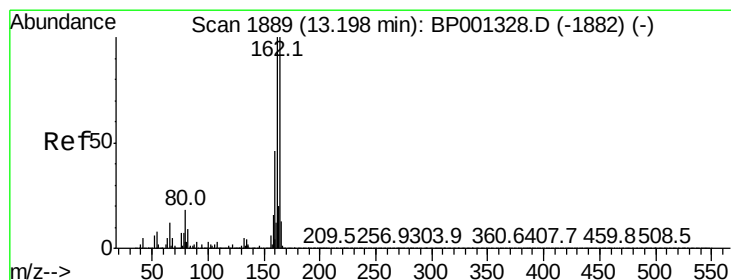
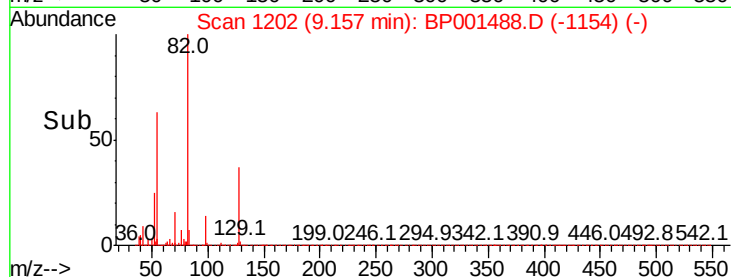
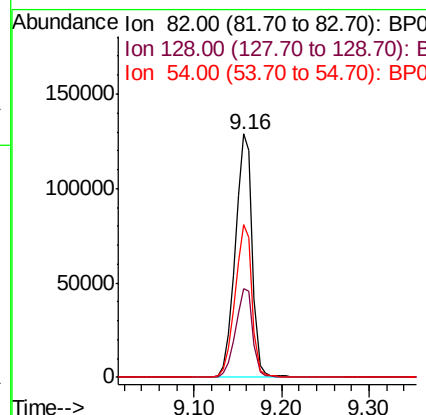
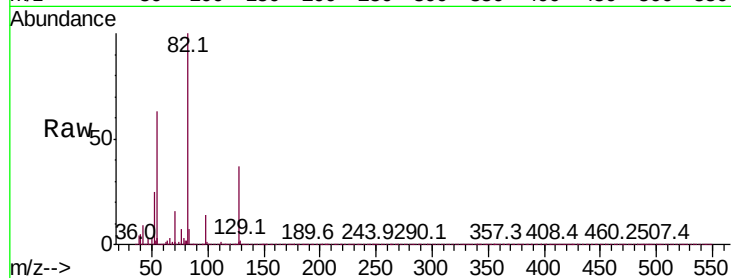




#23
 Nitrobenzene-d5
 Concen: 81.318 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BP001488.D
 Acq: 28 Dec 2019 21:31

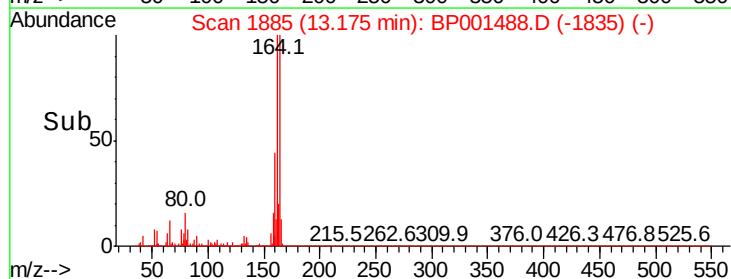
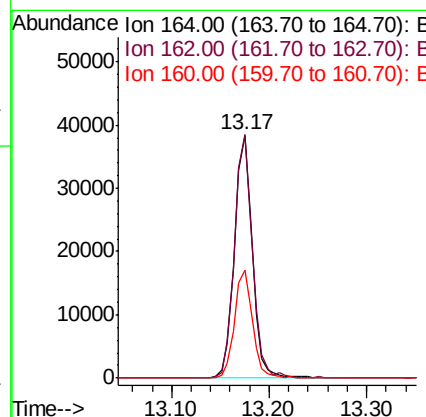
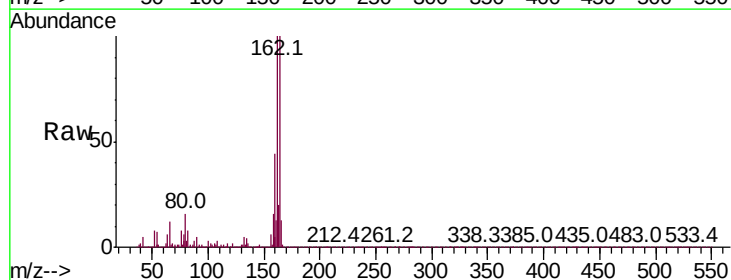
Instrument :
 BNA_P
 ClientSampleId :
 K615-WC-1

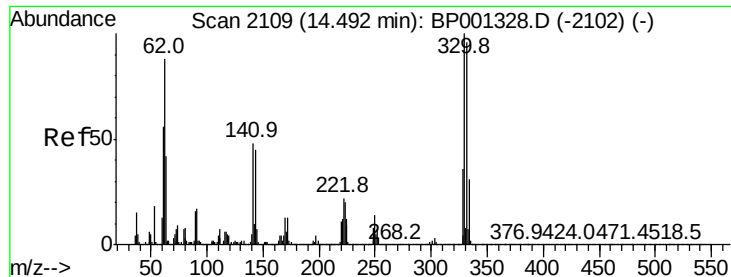
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	27.4	41.0
54	62.6	47.5	71.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.17 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BP001488.D
 Acq: 28 Dec 2019 21:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.2	117.4
160	44.4	35.1	52.7

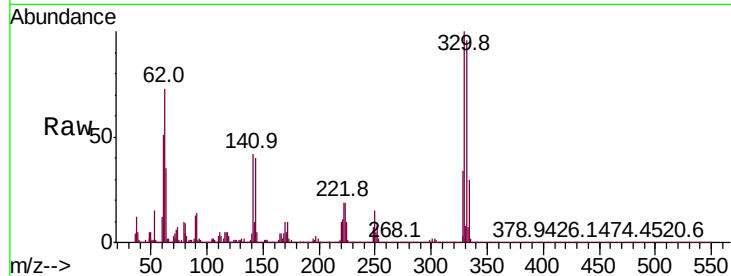




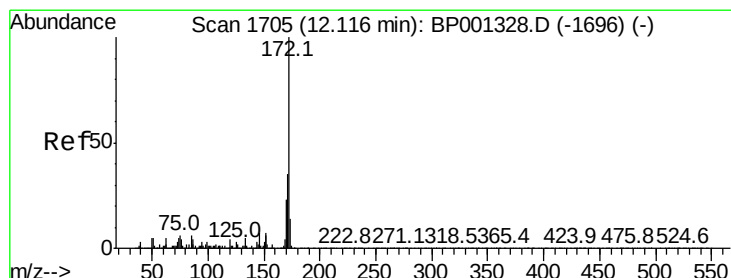
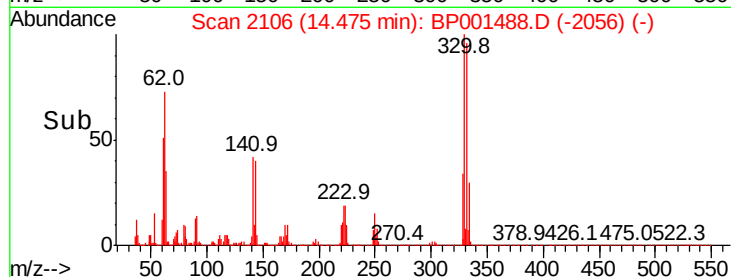
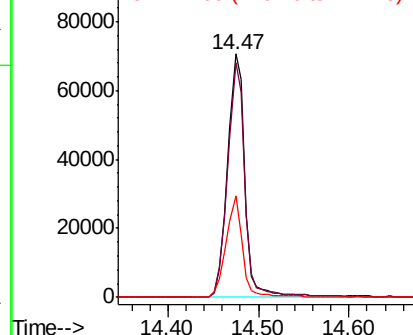
#42
 2,4,6-Tribromophenol
 Concen: 151.422 ng
 RT: 14.47 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BP001488.D
 Acq: 28 Dec 2019 21:31

Instrument :
 BNA_P
 ClientSampleId :
 K615-WC-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.3	117.5
141	39.2	26.8	40.2

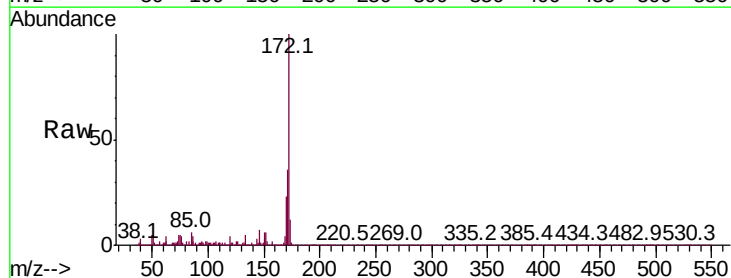


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

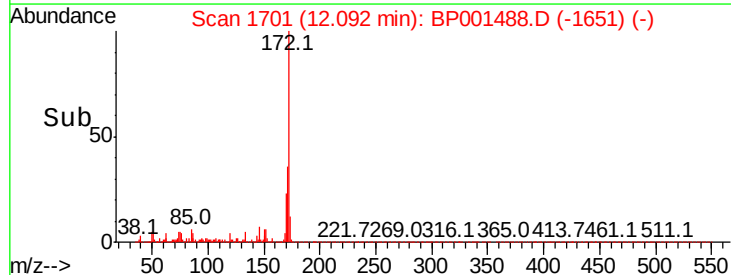
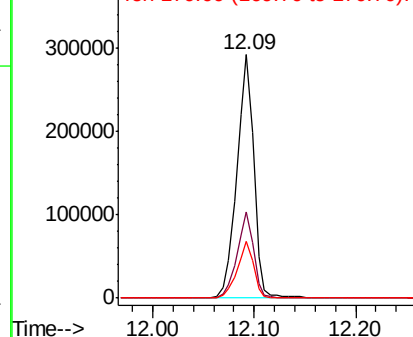


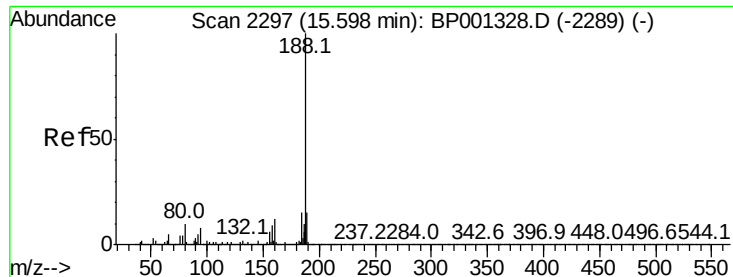
#45
 2-Fluorobiphenyl
 Concen: 87.829 ng
 RT: 12.09 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BP001488.D
 Acq: 28 Dec 2019 21:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.4	41.0
170	23.1	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

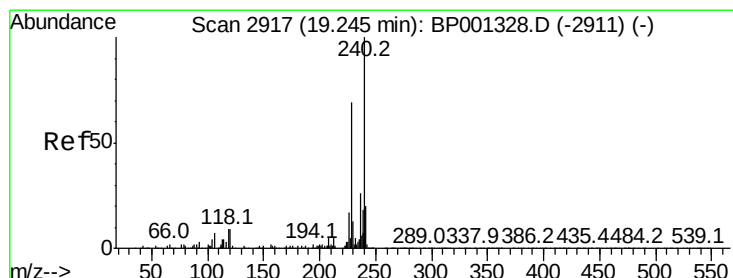
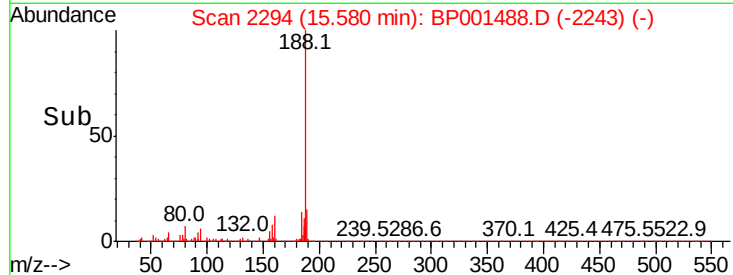
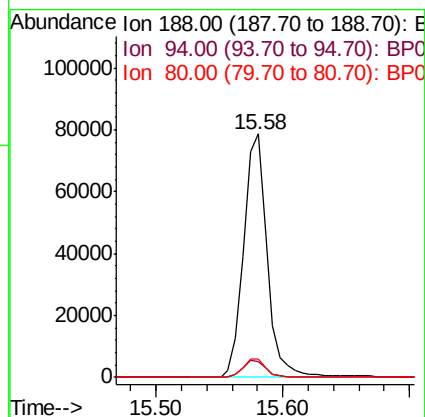
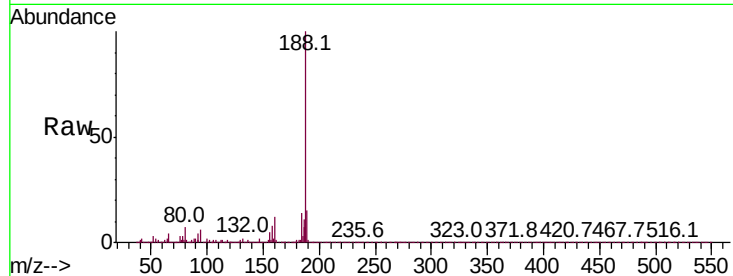




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001488.D
Acq: 28 Dec 2019 21:31

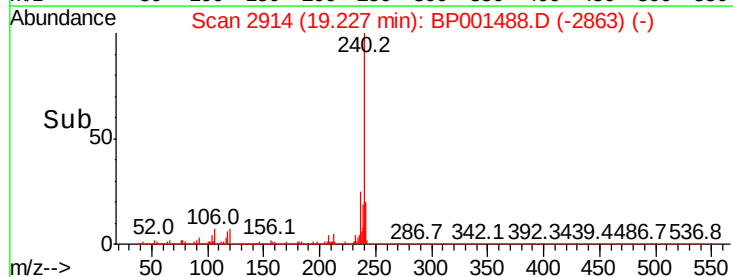
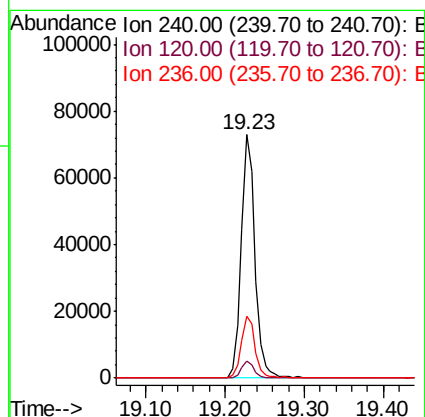
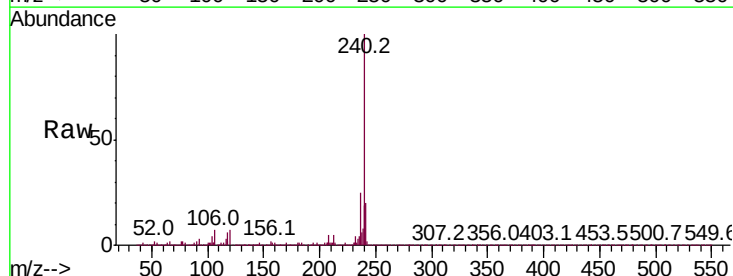
Instrument :
BNA_P
ClientSampleId :
K615-WC-1

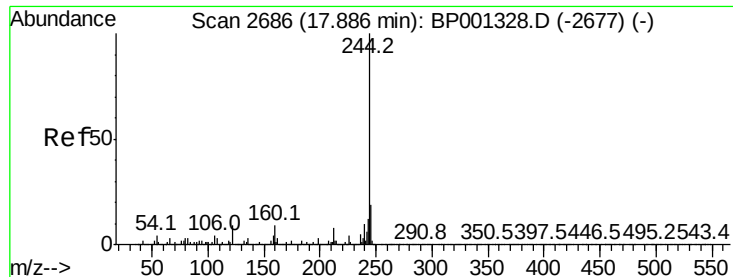
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.8	8.8
80	7.5	5.7	8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.23 min Scan# 2914
Delta R.T. -0.00 min
Lab File: BP001488.D
Acq: 28 Dec 2019 21:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.2	9.2
236	25.3	20.2	30.2





#79

Terphenyl-d14

Concen: 103.185 ng

RT: 17.87 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BP001488.D

Acq: 28 Dec 2019 21:31

Instrument :

BNA_P

ClientSampleId :

K615-WC-1

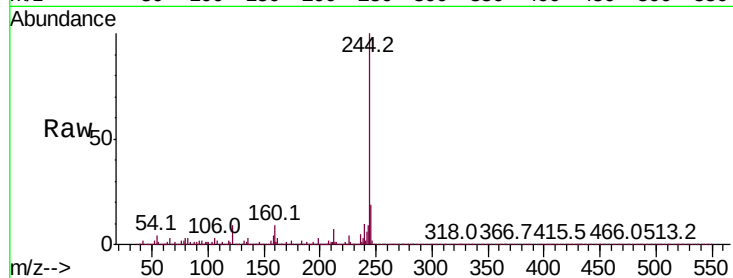
Tot Ion:244 Resp: 526659

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

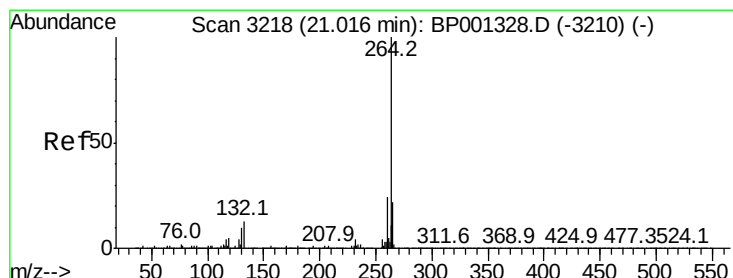
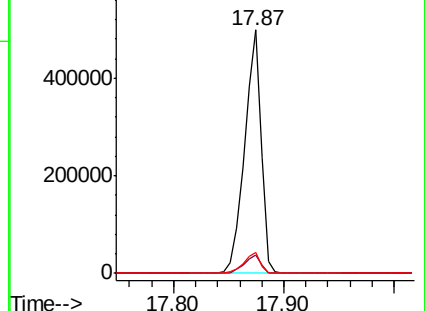
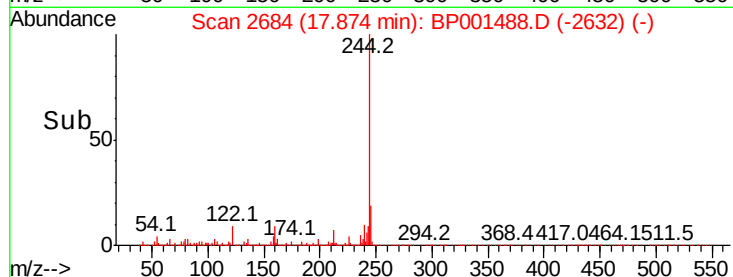
122 8.8 6.4 9.6



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: 21.00 min Scan# 3216

Delta R.T. 0.01 min

Lab File: BP001488.D

Acq: 28 Dec 2019 21:31

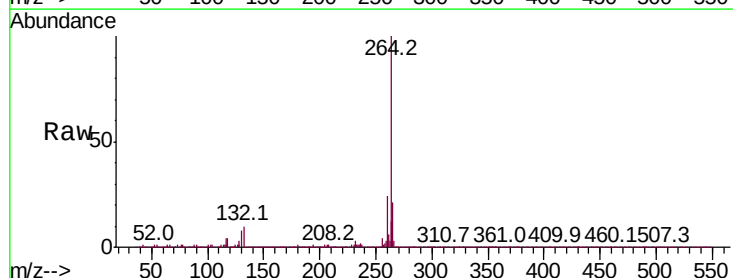
Tgt Ion:264 Resp: 90267

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 21.5 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

