

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001236.D
 Acq On : 06 Dec 2019 18:23
 Operator : JU
 Sample : K6112-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-02-120419

Quant Time: Dec 07 01:04:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	83004	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	305274	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	180613	20.00	ng	-0.01
64) Phenanthrene-d10	15.59	188	354978	20.00	ng	-0.02
76) Chrysene-d12	19.23	240	258995	20.00	ng	-0.02
87) Perylene-d12	21.00	264	265645	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	684738	136.87	ng	0.02
7) Phenol-d6	7.76	99	935783	140.40	ng	0.00
23) Nitrobenzene-d5	9.19	82	665199	94.54	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	280893	162.26	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	1106757	89.68	ng	-0.02
79) Terphenyl-d14	17.88	244	1428162	102.02	ng	-0.01

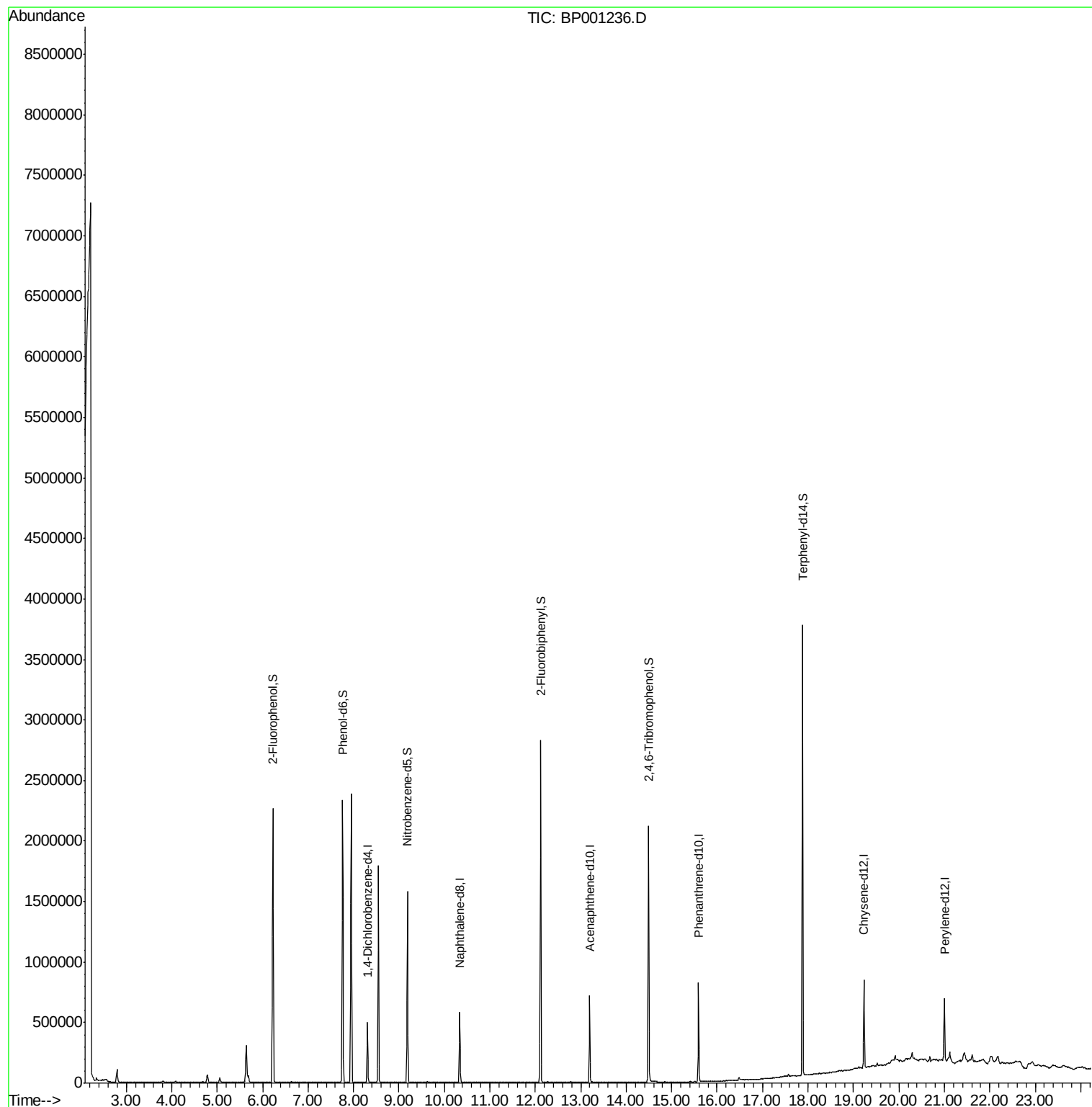
Target Compounds Qvalue

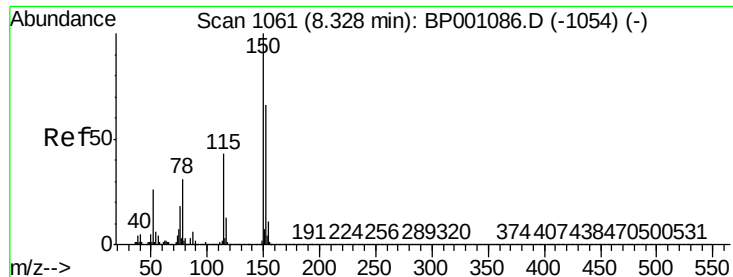
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001236.D

Acq: 06 Dec 2019 18:23

Instrument :

BNA_P

ClientSampleId :

OK-02-120419

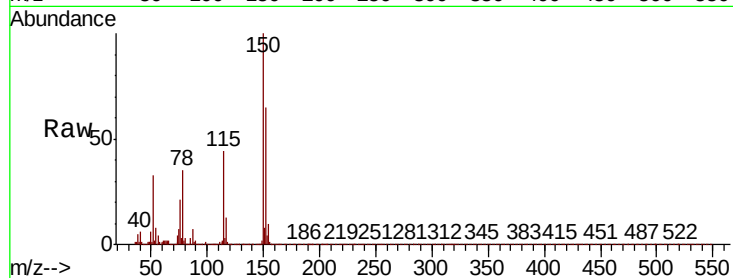
Tot Ion:152 Resp: 83004

Ion Ratio Lower Upper

152 100

150 153.6 127.3 190.9

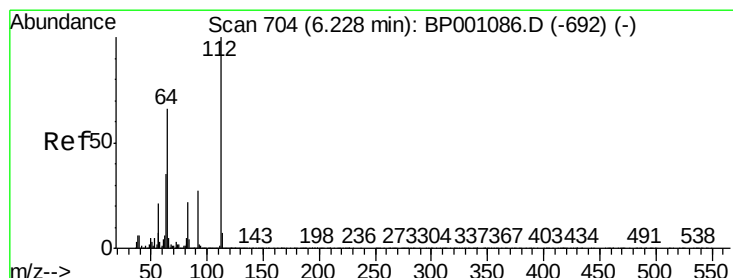
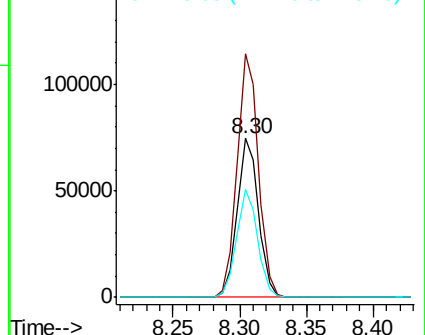
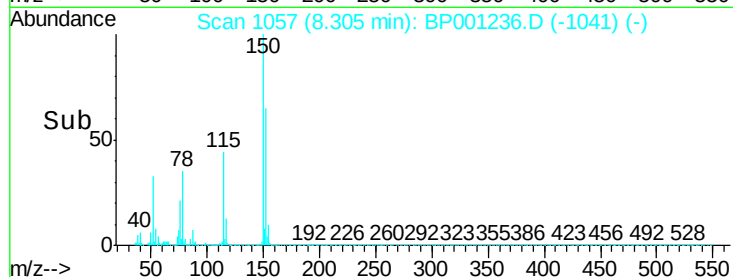
115 68.1 56.0 84.0



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: 136.865 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.02 min

Lab File: BP001236.D

Acq: 06 Dec 2019 18:23

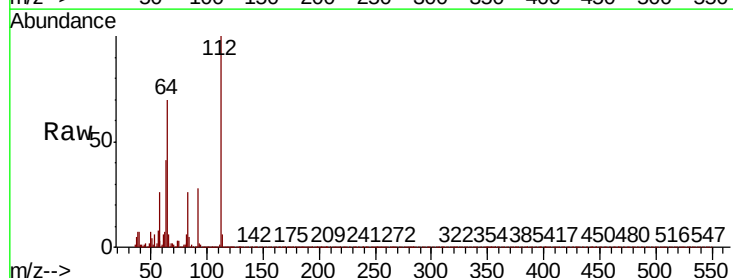
Tgt Ion:112 Resp: 684738

Ion Ratio Lower Upper

112 100

64 69.8 56.8 85.2

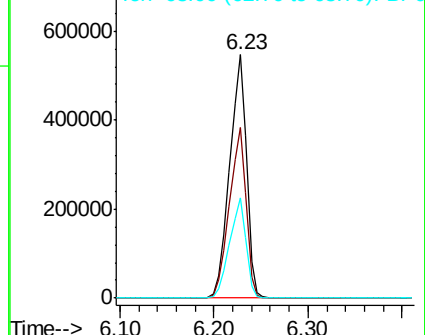
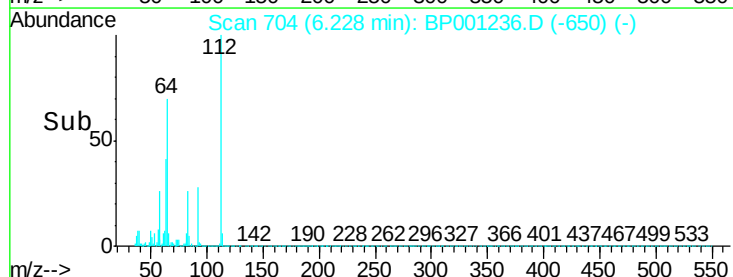
63 40.9 32.2 48.2

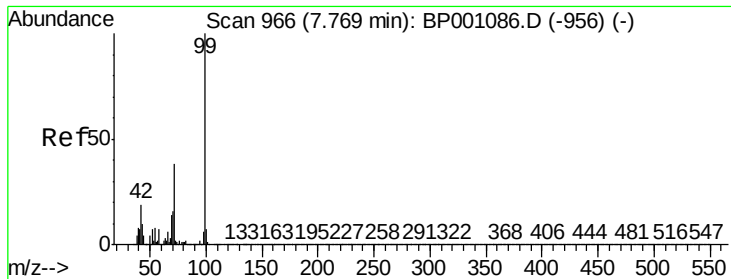


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 140.397 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001236.D

Acq: 06 Dec 2019 18:23

Instrument :

BNA_P

ClientSampleId :

OK-02-120419

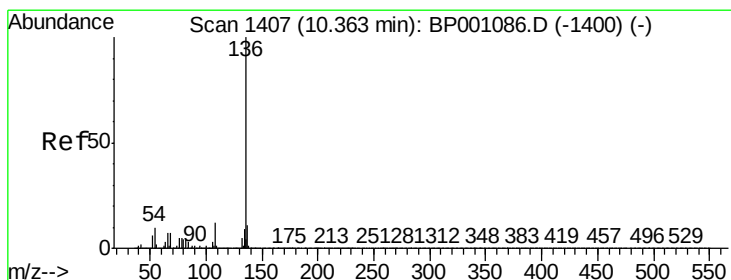
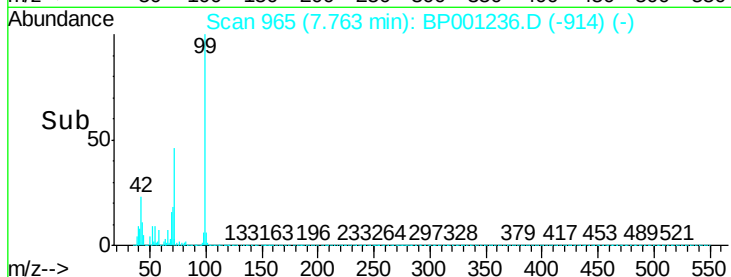
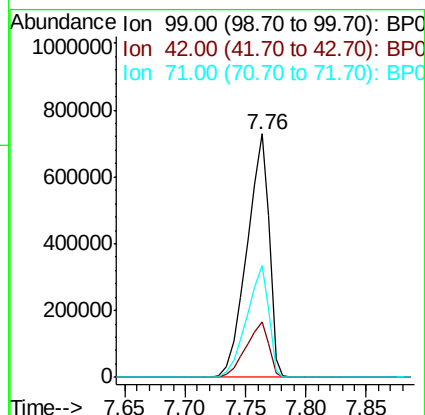
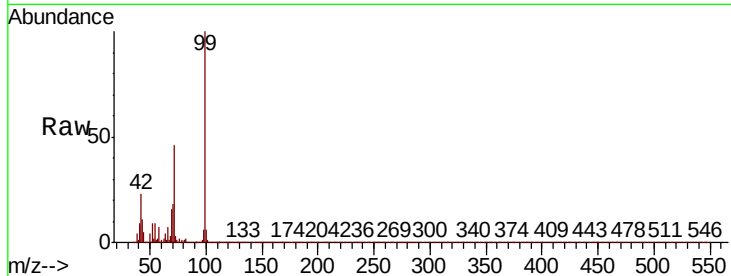
Tot Ion: 99 Resp: 935783

Ion Ratio Lower Upper

99 100

42 22.7 17.6 26.4

71 45.8 33.8 50.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001236.D

Acq: 06 Dec 2019 18:23

Tgt Ion: 136 Resp: 305274

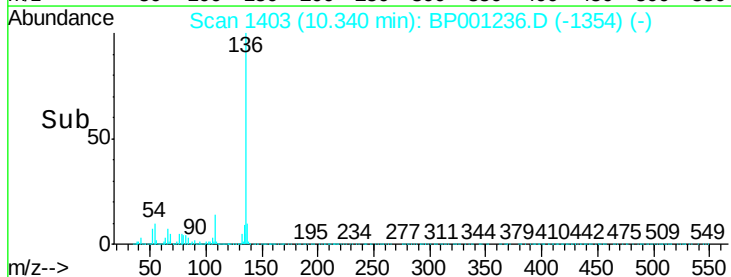
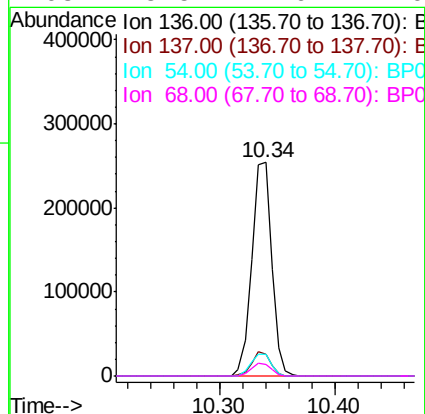
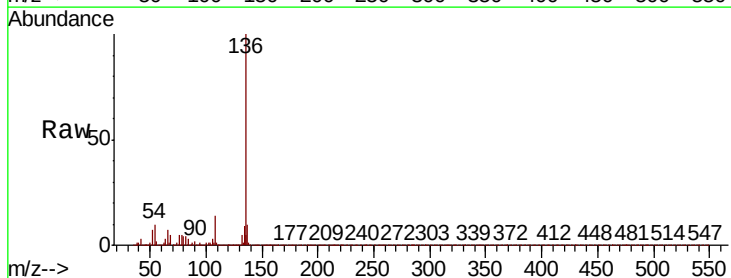
Ion Ratio Lower Upper

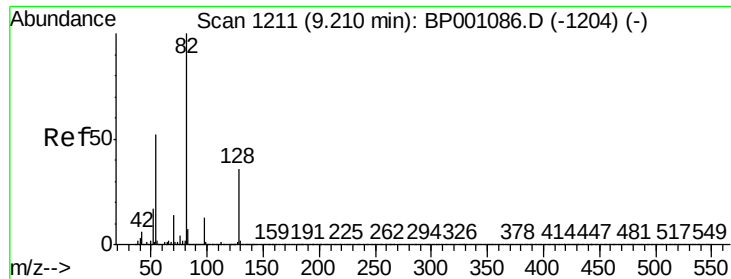
136 100

137 10.4 8.4 12.6

54 10.0 7.4 11.0

68 5.5 4.6 7.0

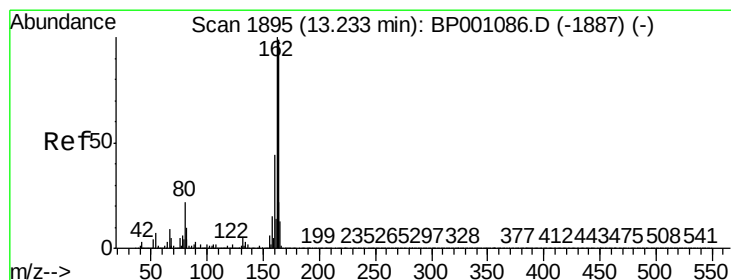
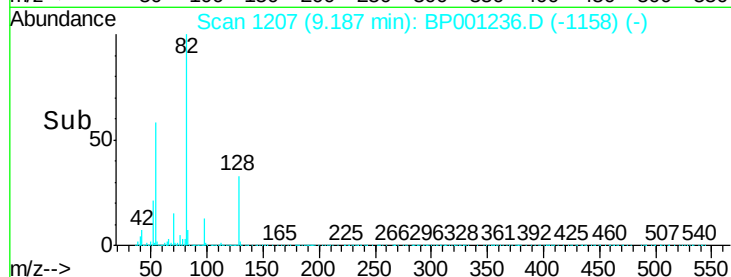
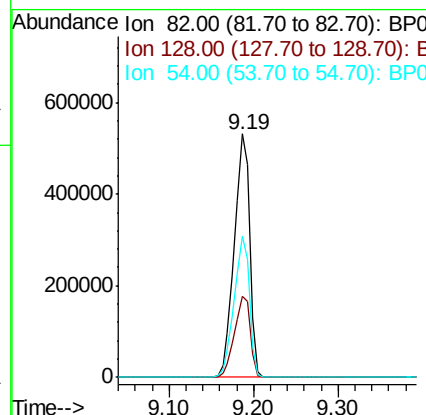
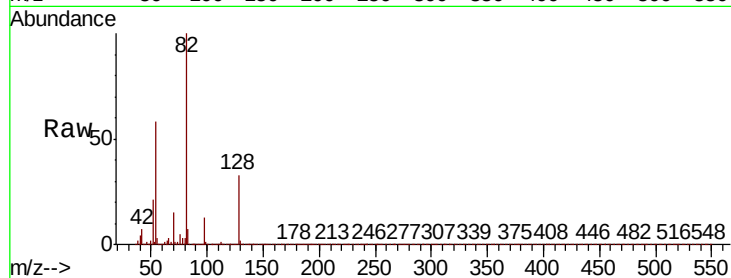




#23
Nitrobenzene-d5
Concen: 94.539 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001236.D
Acq: 06 Dec 2019 18:23

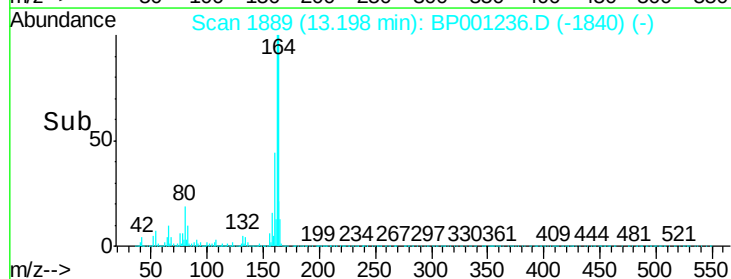
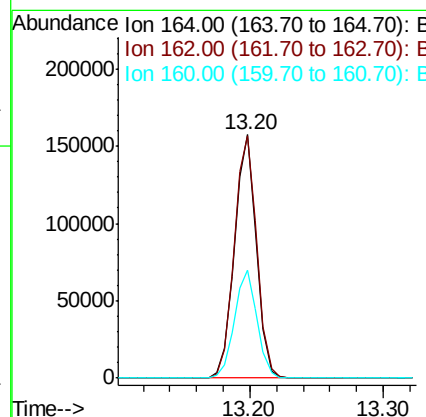
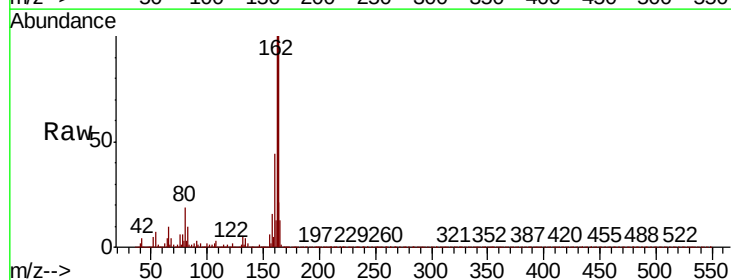
Instrument :
BNA_P
ClientSampleId :
OK-02-120419

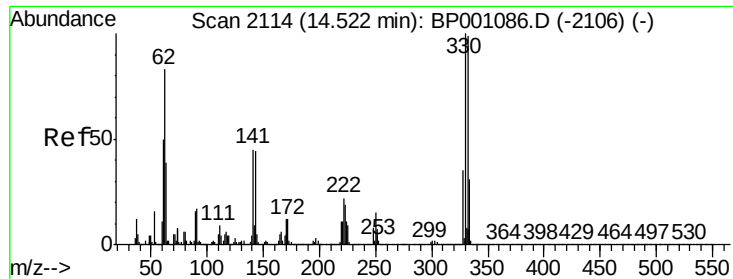
Tot Ion	82	Resp	665199
Ion Ratio	Lower	Upper	
82	100		
128	33.2	27.5	41.3
54	57.9	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001236.D
Acq: 06 Dec 2019 18:23

Tgt Ion	164	Resp	180613
Ion Ratio	Lower	Upper	
164	100		
162	99.7	80.7	121.1
160	44.3	36.3	54.5

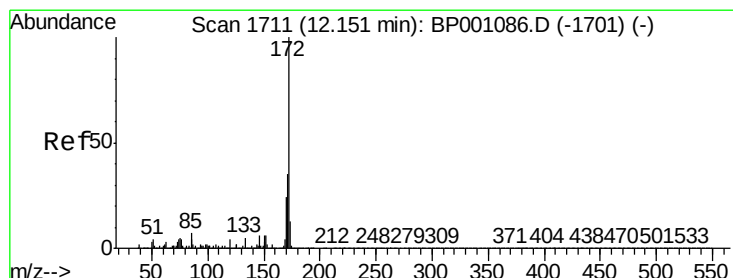
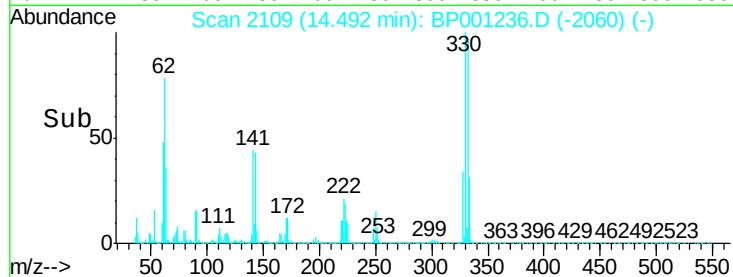
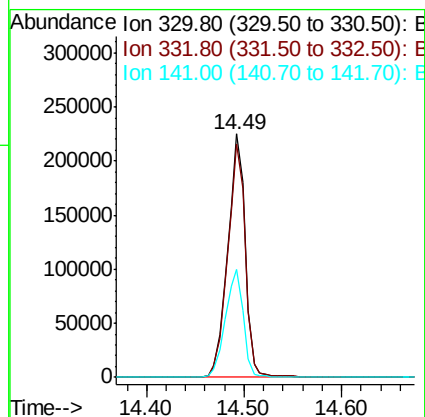
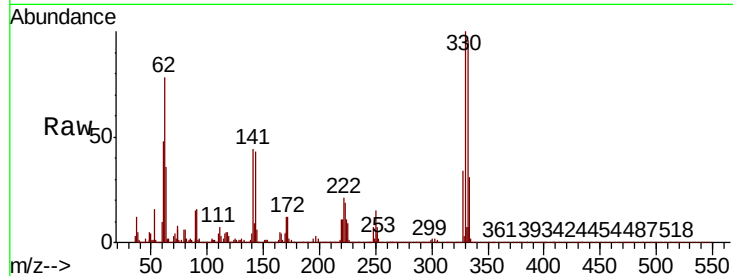




#42
 2,4,6-Tribromophenol
 Concen: 162.256 ng
 RT: 14.49 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BP001236.D
 Acq: 06 Dec 2019 18:23

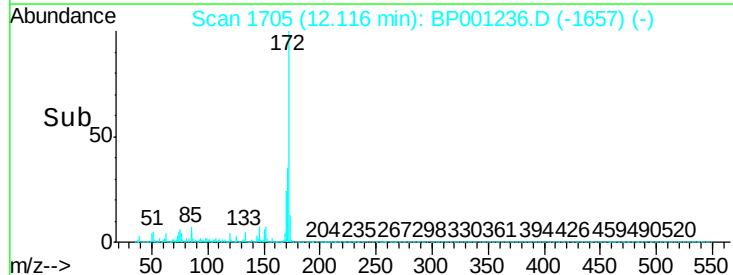
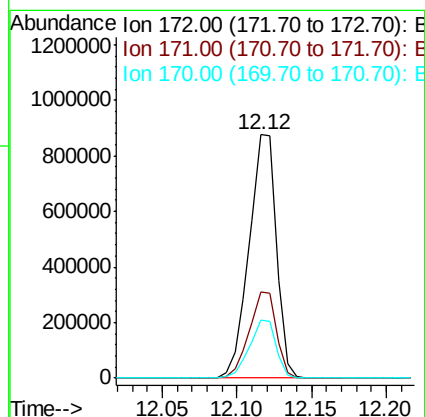
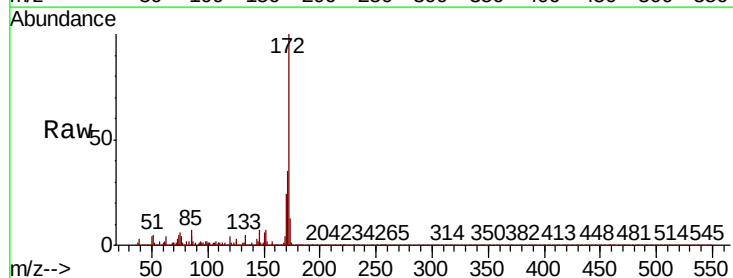
Instrument :
 BNA_P
 ClientSampleId :
 OK-02-120419

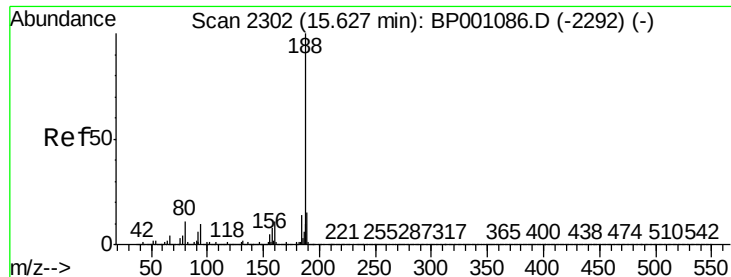
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	45.4	35.9	53.9



#45
 2-Fluorobiphenyl
 Concen: 89.685 ng
 RT: 12.12 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BP001236.D
 Acq: 06 Dec 2019 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	24.1	19.2	28.8

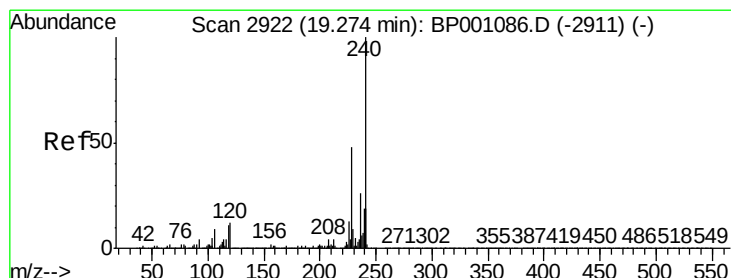
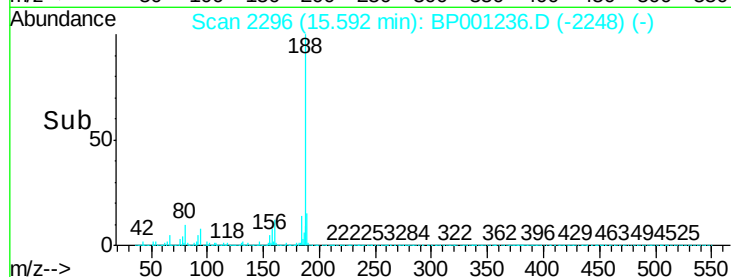
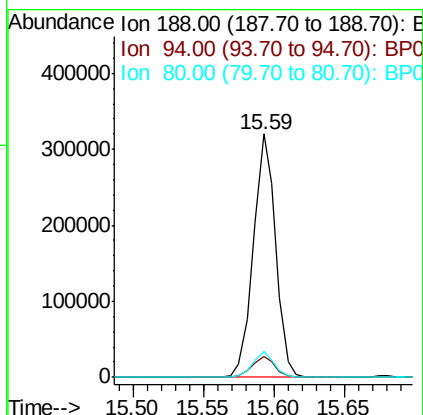
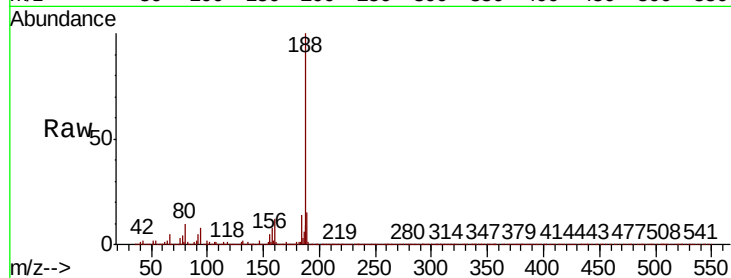




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.02 min
Lab File: BP001236.D
Acq: 06 Dec 2019 18:23

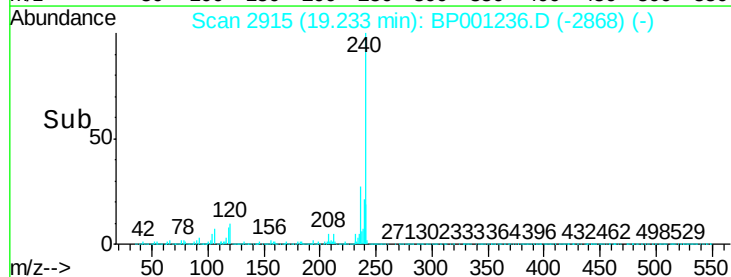
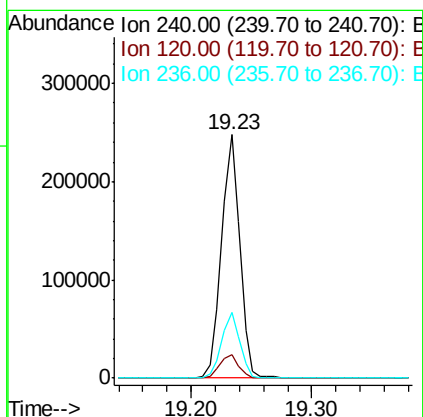
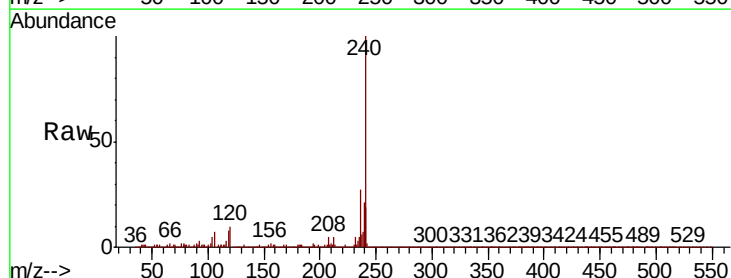
Instrument :
BNA_P
ClientSampleId :
OK-02-120419

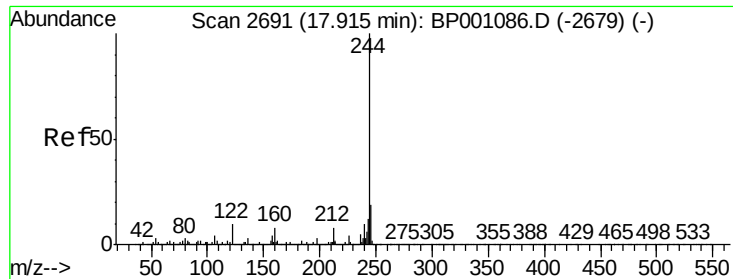
Tot Ion:188 Resp: 354978
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 10.4 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.02 min
Lab File: BP001236.D
Acq: 06 Dec 2019 18:23

Tgt Ion:240 Resp: 258995
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 26.8 21.7 32.5





#79

Terphenyl-d14

Concen: 102.019 ng

RT: 17.88 min Scan# 2685

Delta R.T. -0.01 min

Lab File: BP001236.D

Acq: 06 Dec 2019 18:23

Instrument :

BNA_P

ClientSampleId :

OK-02-120419

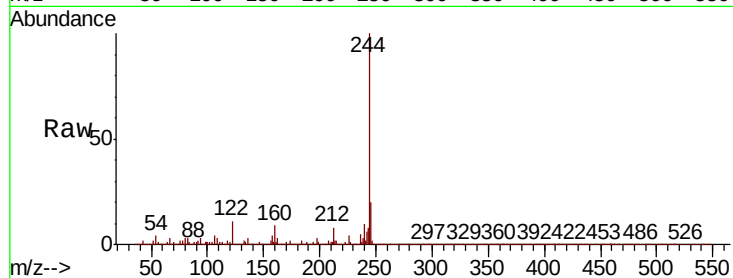
Tot Ion:244 Resp: 1428162

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

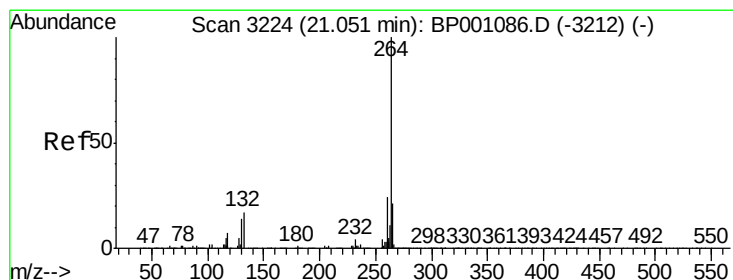
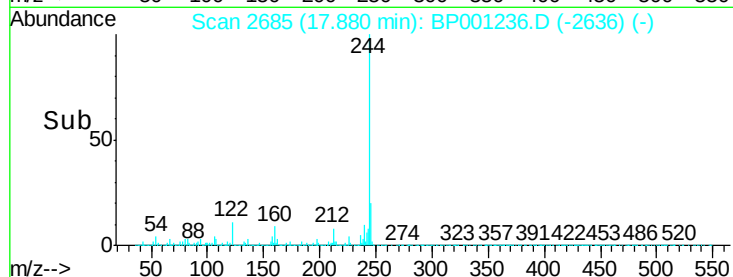
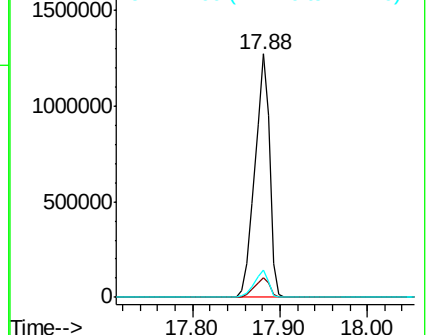
122 11.1 9.2 13.8



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. -0.02 min

Lab File: BP001236.D

Acq: 06 Dec 2019 18:23

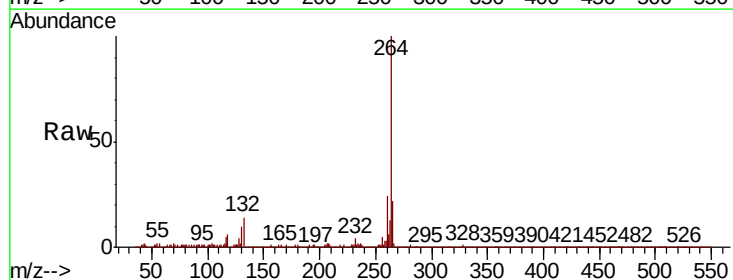
Tgt Ion:264 Resp: 265645

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.4 17.1 25.7



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

