

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000461.D
 Acq On : 27 Sep 2019 16:43
 Operator : JU
 Sample : K4997-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-11-091919

Quant Time: Sep 27 23:45:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	170003	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	653500	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	343862	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	413905	20.00	ng	0.00
76) Chrysene-d12	14.00	240	394667	20.00	ng	0.00
87) Perylene-d12	15.49	264	442152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1129004	114.65	ng	0.02
7) Phenol-d6	6.43	99	1664625	137.90	ng	0.01
23) Nitrobenzene-d5	7.35	82	884889	87.36	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	400701	117.49	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1989184	104.12	ng	0.00
79) Terphenyl-d14	12.94	244	1876981	99.77	ng	0.00

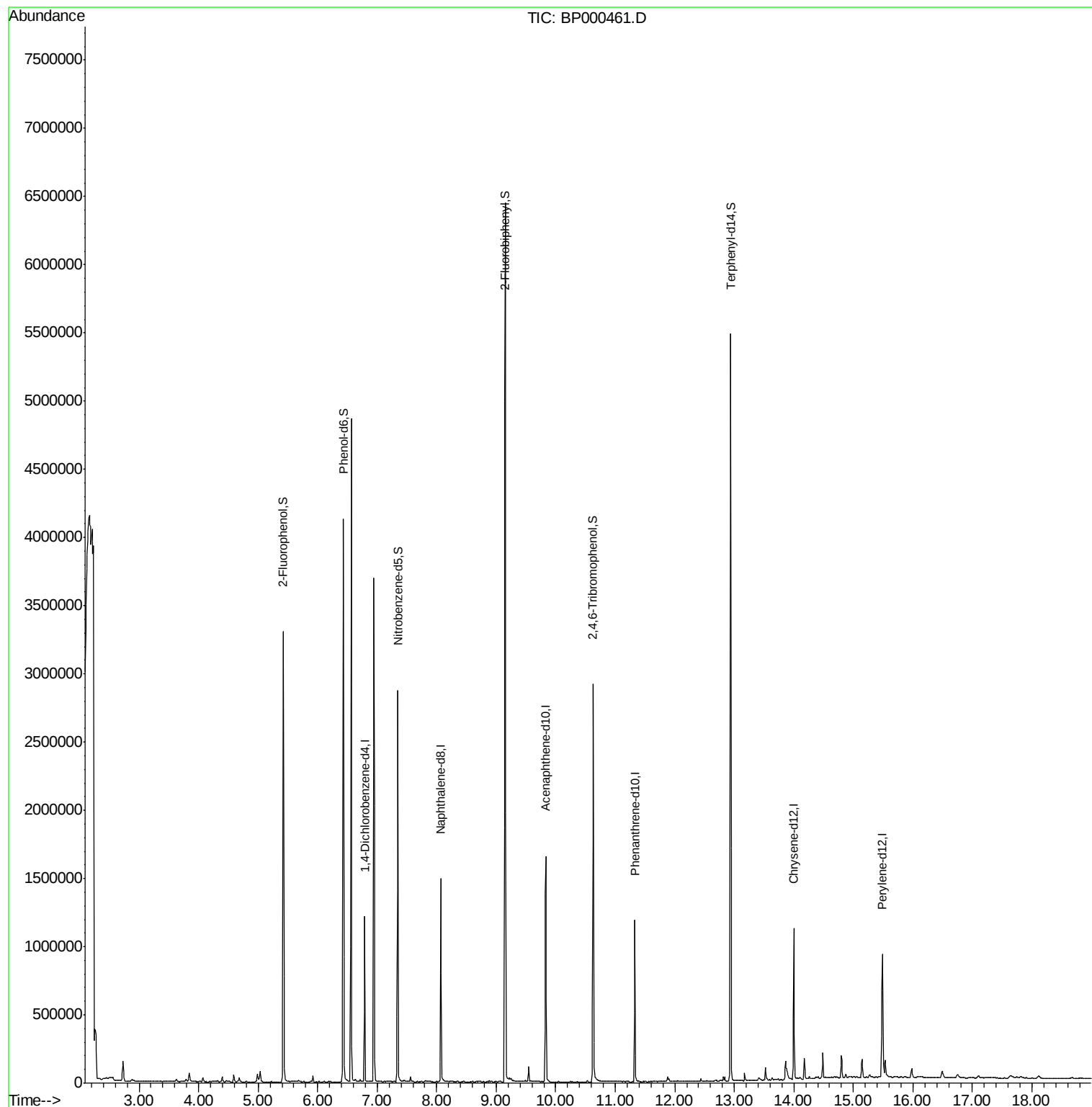
Target Compounds Qvalue

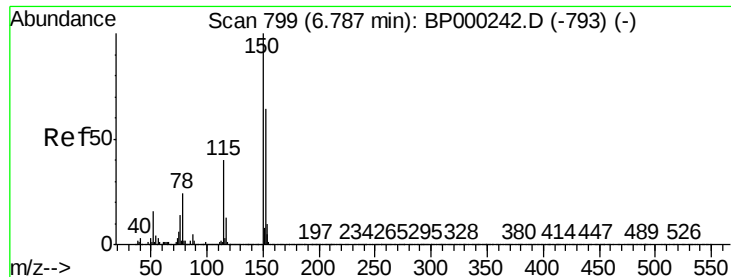
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000461.D
Acq On : 27 Sep 2019 16:43
Operator : JU
Sample : K4997-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-11-091919

Quant Time: Sep 27 23:45:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration



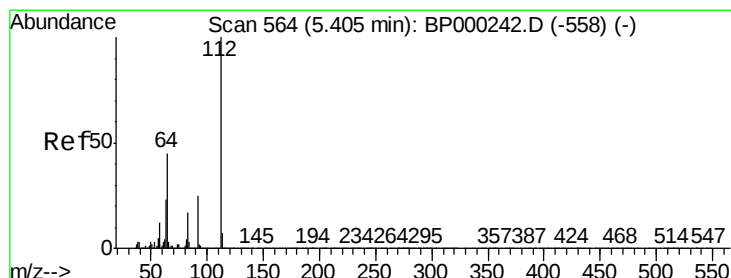
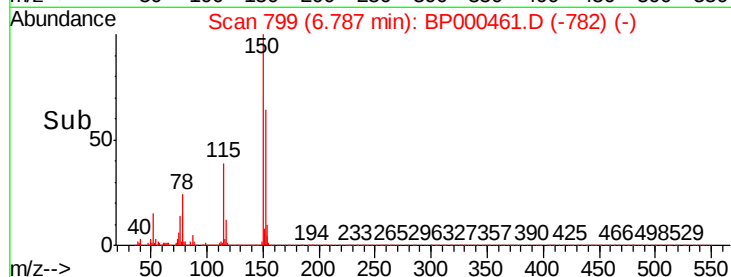
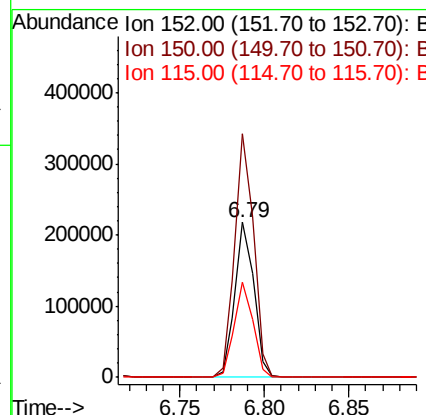
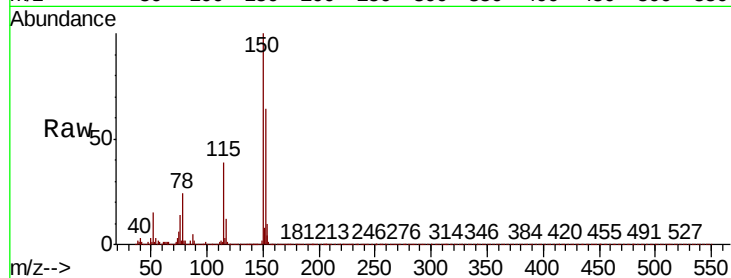


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Instrument :
BNA_P
ClientSampleId :
WC-11-091919

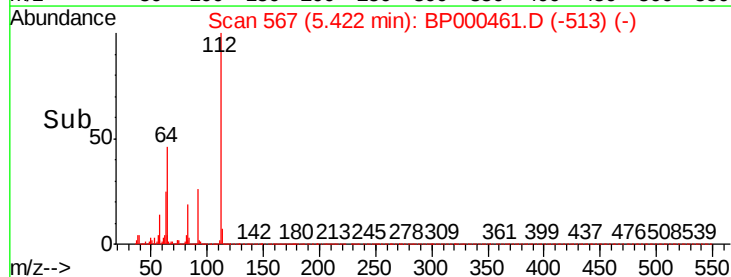
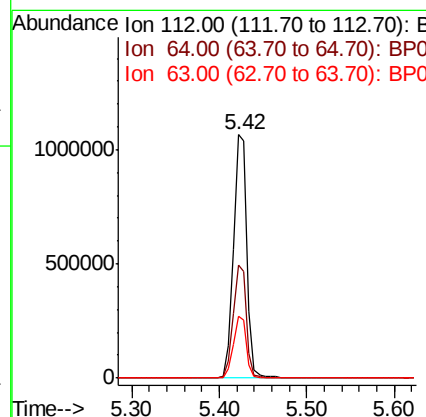
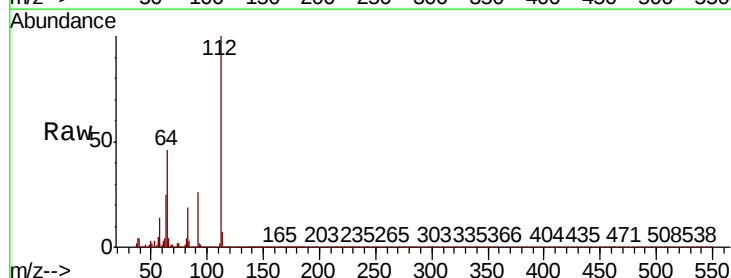
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.2	187.8
115	61.3	49.7	74.5

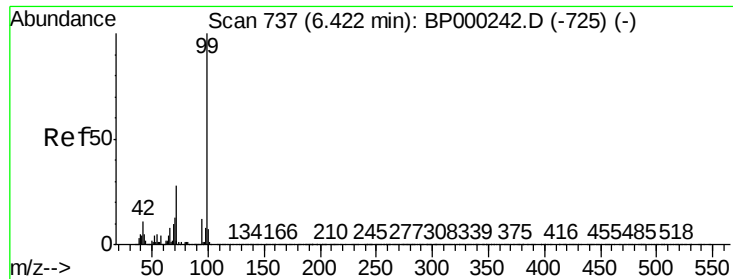


#5

2-Fluorophenol
Concen: 114.648 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.3	36.2	54.4
63	25.2	18.3	27.5





#7

Phenol-d6

Concen: 137.903 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000461.D

Acq: 27 Sep 2019 16:43

Instrument :

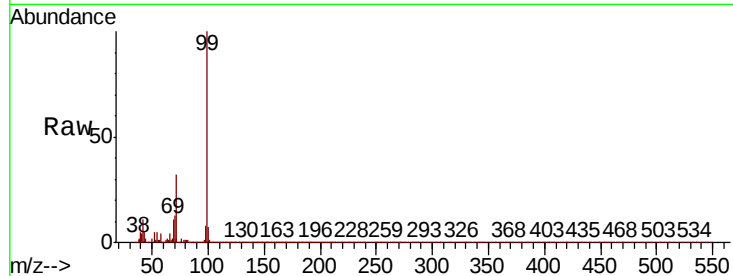
BNA_P

ClientSampleId :

WC-11-091919

Tot Ion: 99 Resp: 1664625

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.5	12.7
71	31.7	22.6	34.0

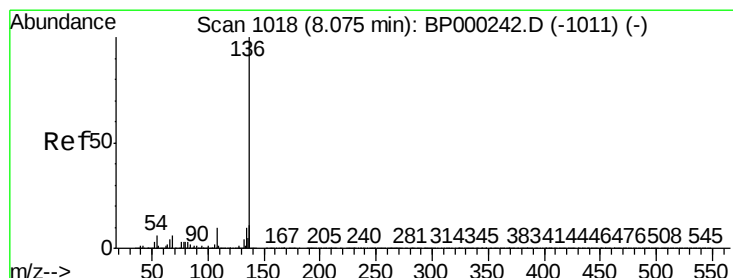
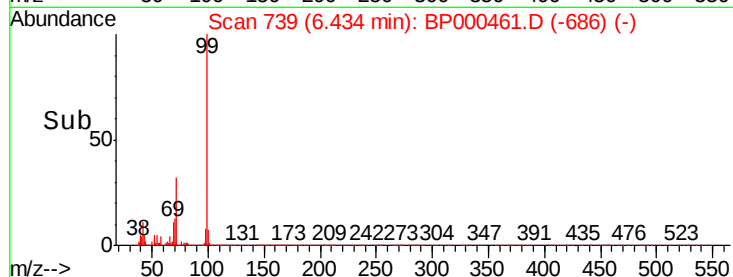
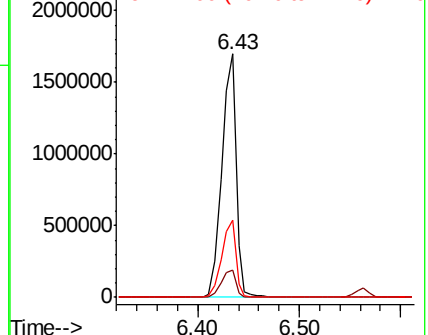


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

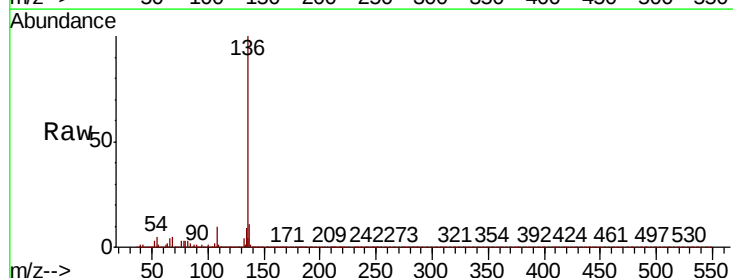
Delta R.T. -0.01 min

Lab File: BP000461.D

Acq: 27 Sep 2019 16:43

Tgt Ion: 136 Resp: 653500

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.5	4.5	6.7
68	5.2	4.5	6.7



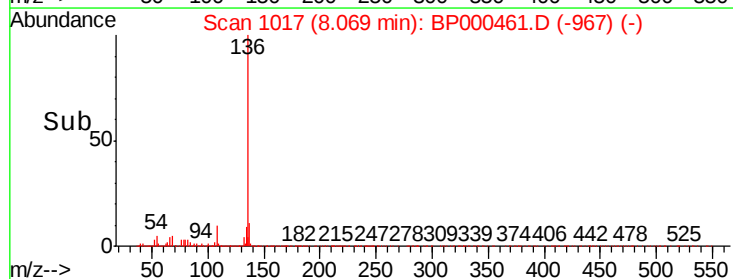
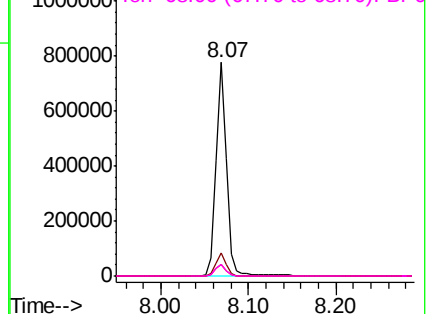
Abundance

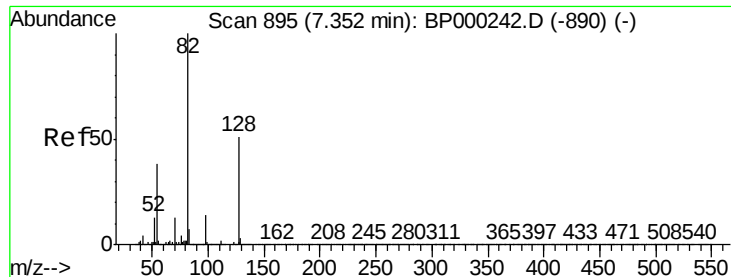
Ion 136.00 (135.70 to 136.70): E

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

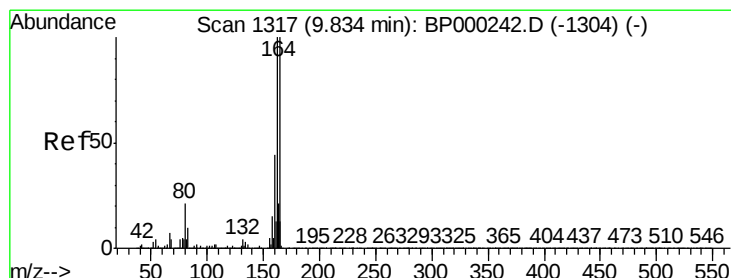
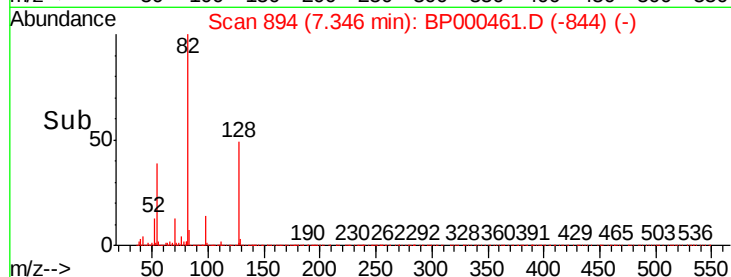
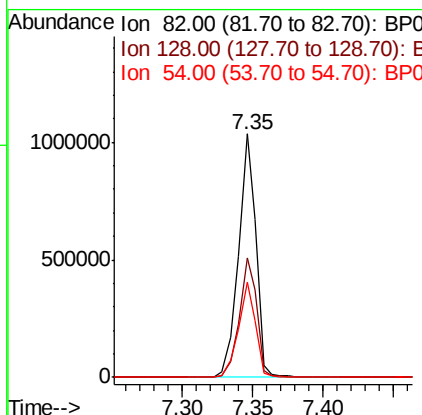
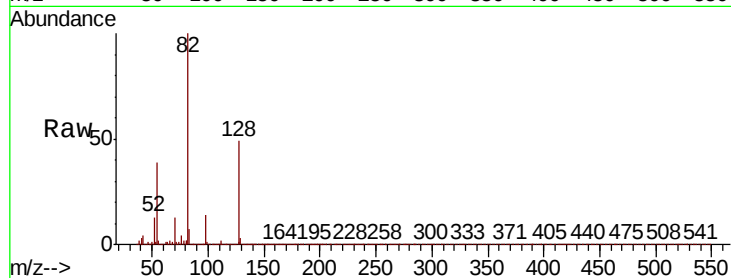




#23
Nitrobenzene-d5
Concen: 87.364 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

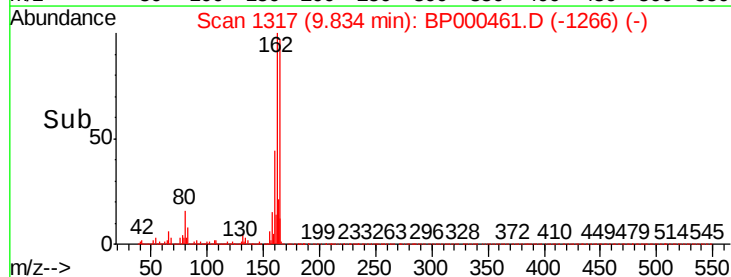
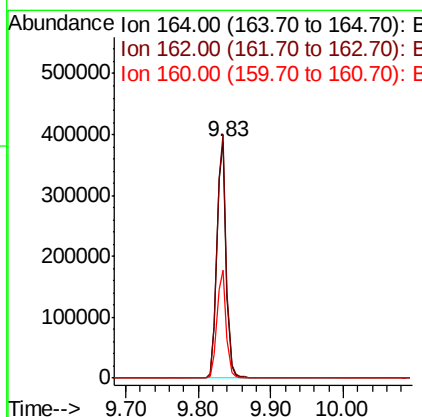
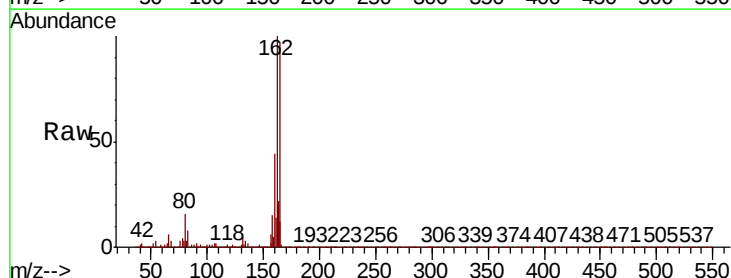
Instrument :
BNA_P
ClientSampleId :
WC-11-091919

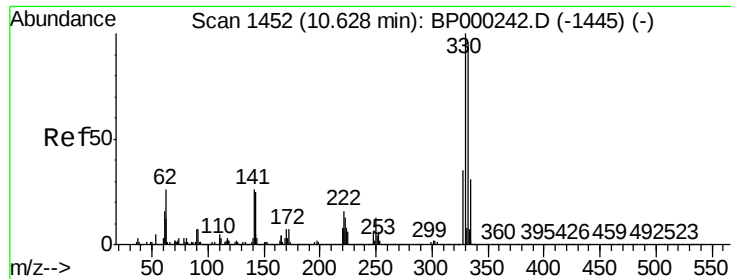
Tot Ion	82	Resp	884889
Ion Ratio	Lower	Upper	
82	100		
128	48.9	40.7	61.1
54	39.0	30.1	45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000461.D
Acq: 27 Sep 2019 16:43

Tgt Ion	164	Resp	343862
Ion Ratio	Lower	Upper	
164	100		
162	103.1	79.9	119.9
160	45.7	35.6	53.4

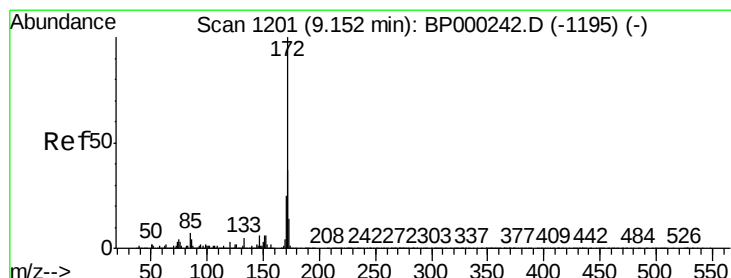
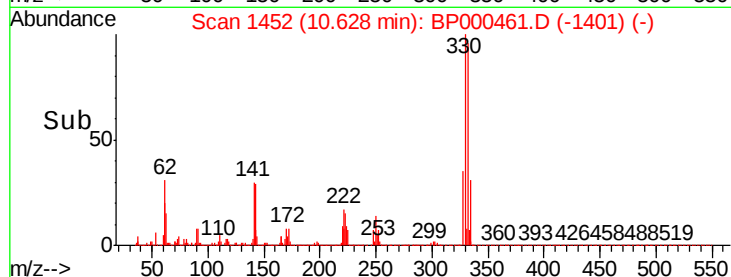
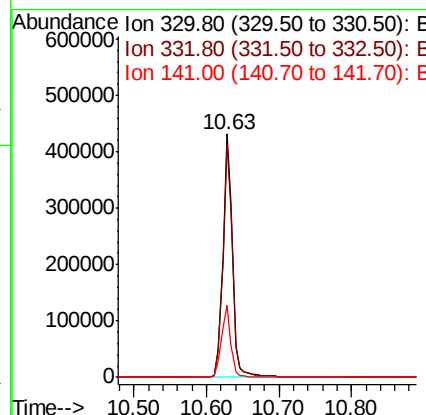
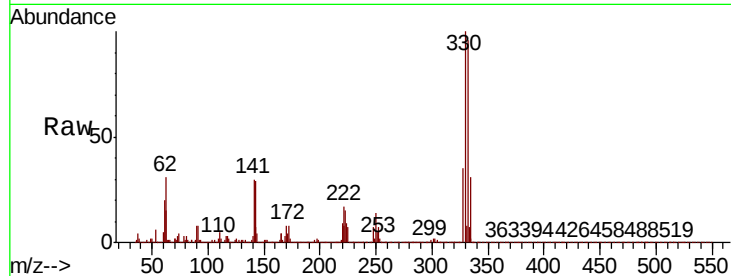




#42
 2,4,6-Tribromophenol
 Concen: 117.485 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BP000461.D
 Acq: 27 Sep 2019 16:43

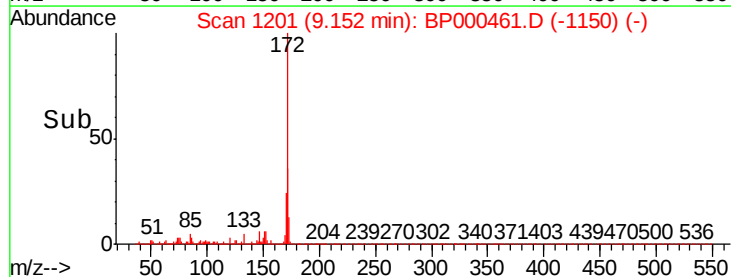
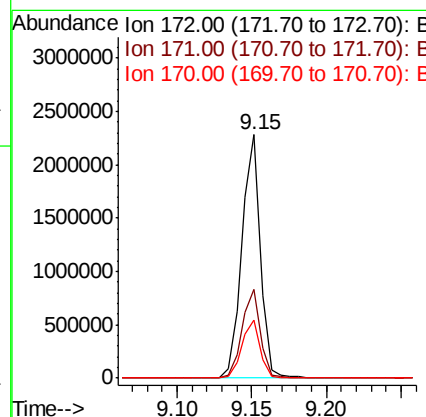
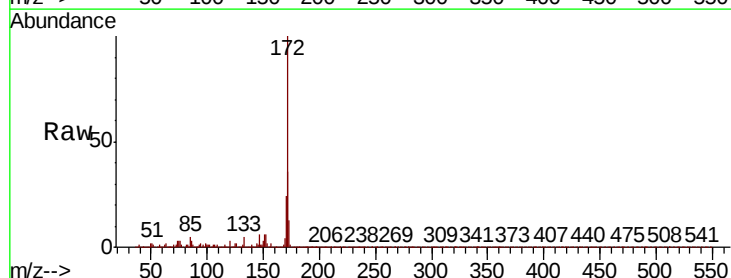
Instrument :
 BNA_P
 ClientSampleId :
 WC-11-091919

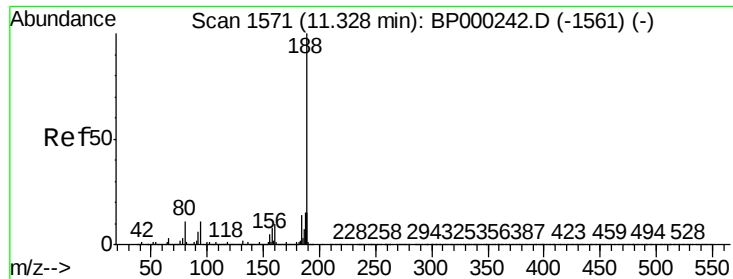
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	29.4	26.5	39.7



#45
 2-Fluorobiphenyl
 Concen: 104.116 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BP000461.D
 Acq: 27 Sep 2019 16:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	23.9	19.8	29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BP000461.D

Acq: 27 Sep 2019 16:43

Instrument :

BNA_P

ClientSampleId :

WC-11-091919

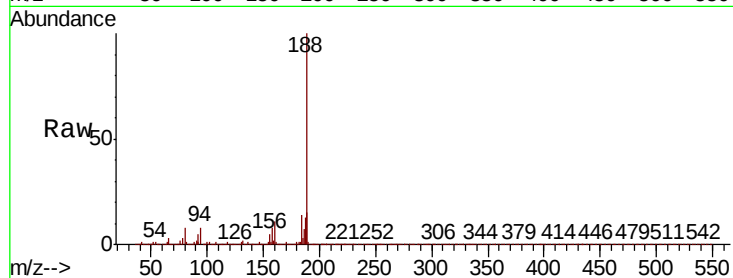
Tot Ion:188 Resp: 413905

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

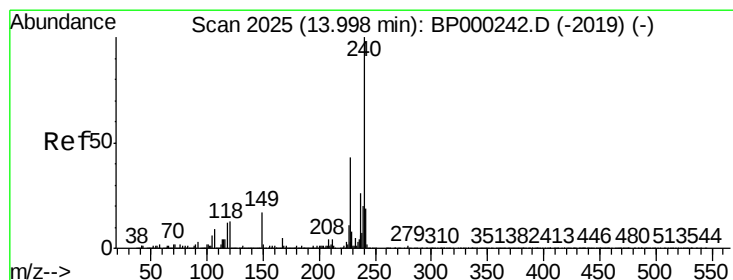
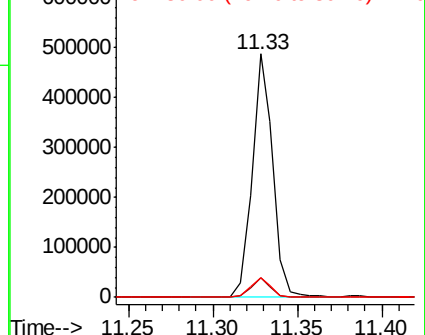
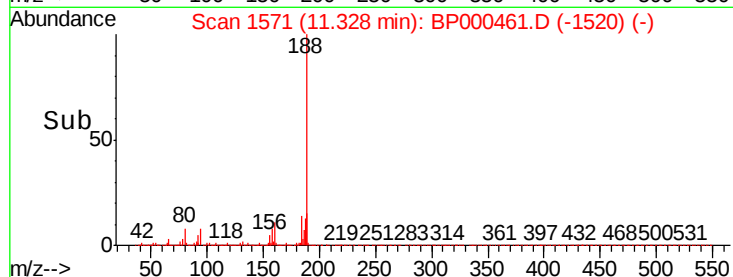
80 8.2 8.6 13.0#



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: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BP000461.D

Acq: 27 Sep 2019 16:43

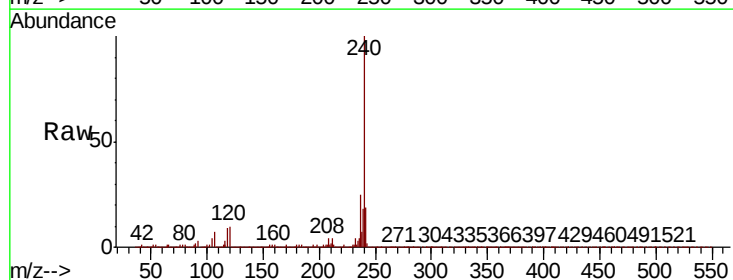
Tgt Ion:240 Resp: 394667

Ion Ratio Lower Upper

240 100

120 9.6 10.4 15.6#

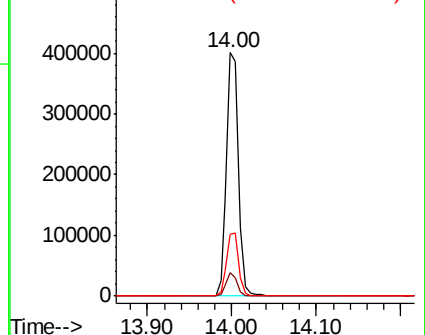
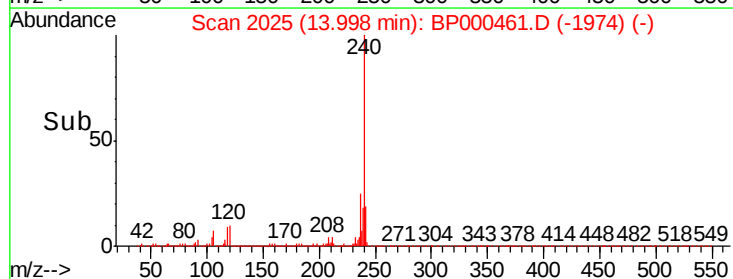
236 25.4 21.0 31.6

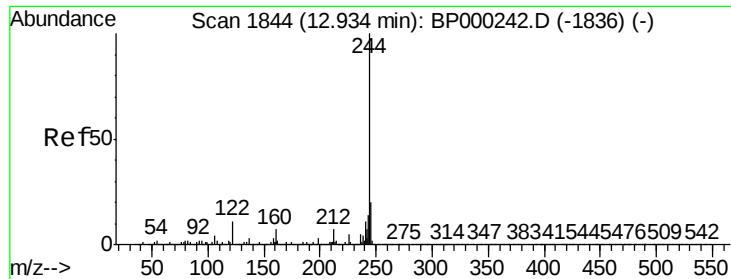


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.771 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000461.D

Acq: 27 Sep 2019 16:43

Instrument :

BNA_P

ClientSampleId :

WC-11-091919

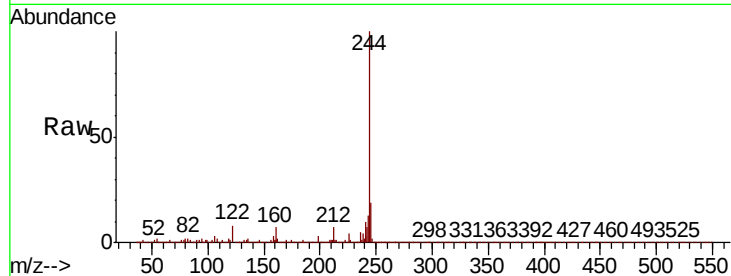
Tot Ion:244 Resp: 1876981

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

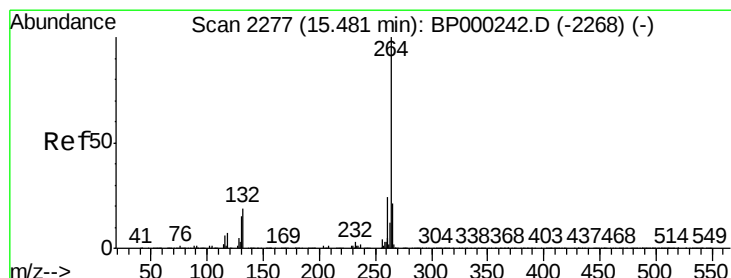
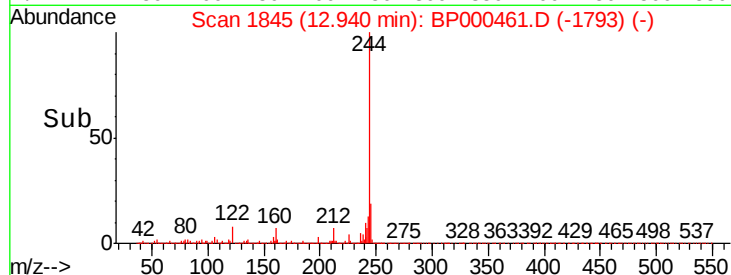
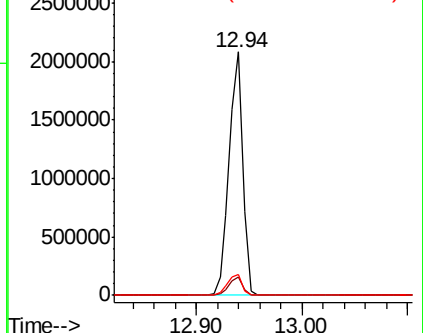
122 8.4 9.0 13.4#



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BP000461.D

Acq: 27 Sep 2019 16:43

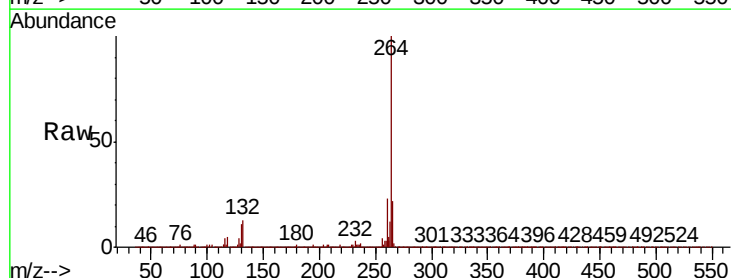
Tgt Ion:264 Resp: 442152

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.0 17.2 25.8



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

