

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000265.D
 Acq On : 17 Sep 2019 12:12
 Operator : HP/JU
 Sample : K4871-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DAY-1

Quant Time: Sep 18 07:21:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

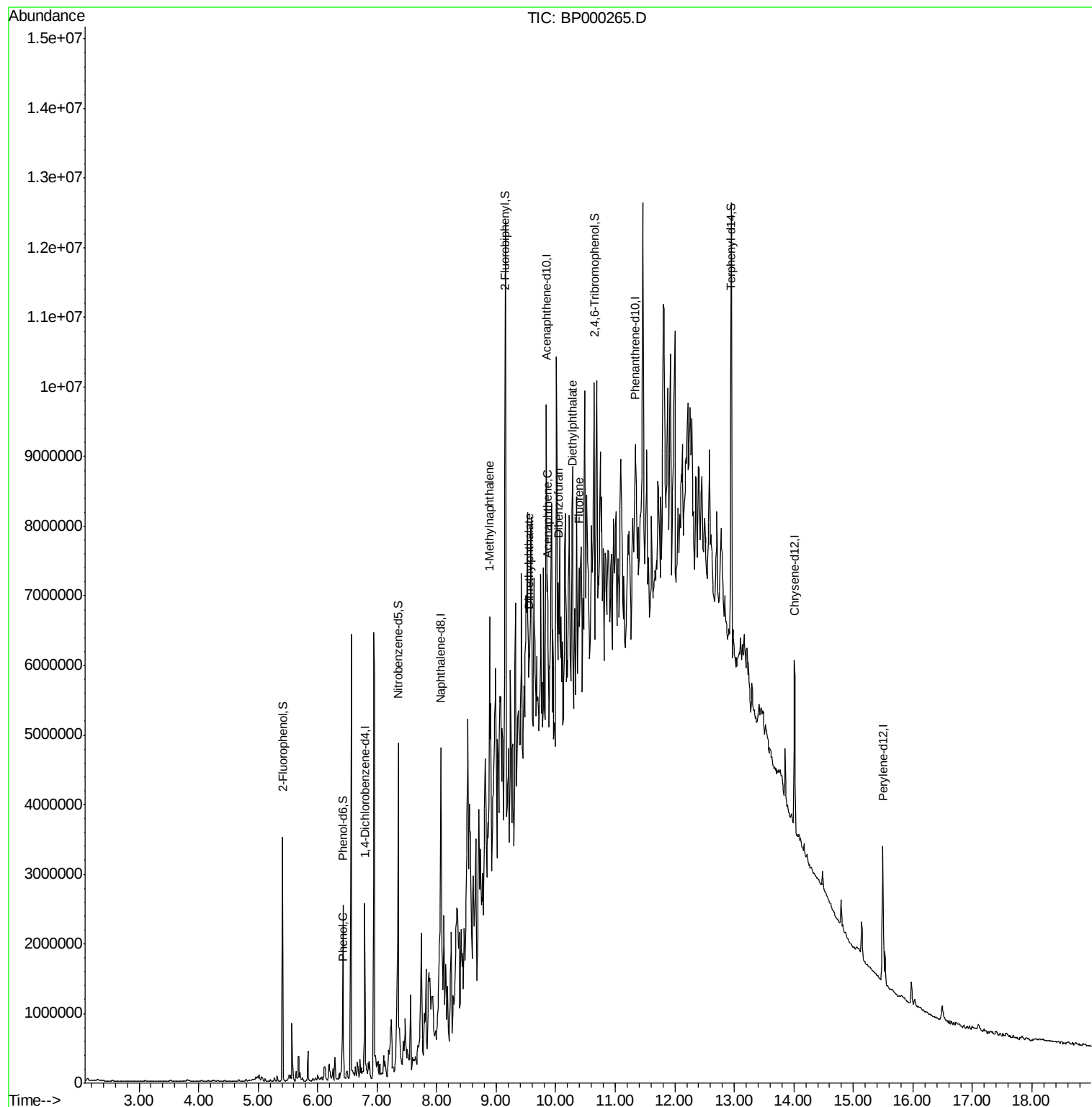
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	308316	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1028527	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	471862	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	822310	20.00	ng	0.01
76) Chrysene-d12	14.01	240	897754	20.00	ng	0.01
87) Perylene-d12	15.49	264	932887	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1107294	62.00	ng	0.00
7) Phenol-d6	6.42	99	889352	40.62	ng	0.00
23) Nitrobenzene-d5	7.35	82	1522196	95.49	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	800255	170.99	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	2684132	102.38	ng	0.00
79) Terphenyl-d14	12.95	244	2896692	67.69	ng	0.02
Target Compounds						
10) Phenol	6.43	94	128425	5.163	ng	96
38) 1-Methylnaphthalene	8.89	142	472579	15.493	ng	# 97
50) Dimethylphthalate	9.56	163	252877	7.866	ng	# 80
52) Acenaphthene	9.87	154	84455	3.251	ng	90
55) Dibenzofuran	10.05	168	96644	2.632	ng	# 46
58) Fluorene	10.39	166	140284	4.946	ng	# 88
60) Diethylphthalate	10.27	149	174191	5.633	ng	# 47

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

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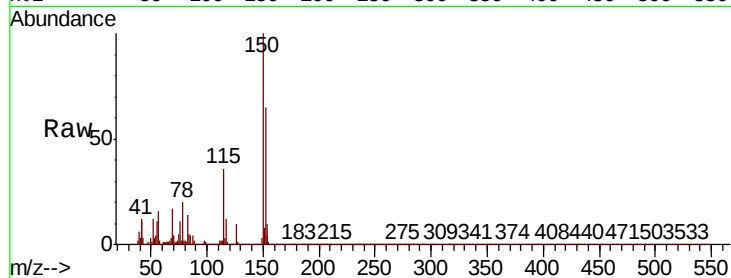


#1

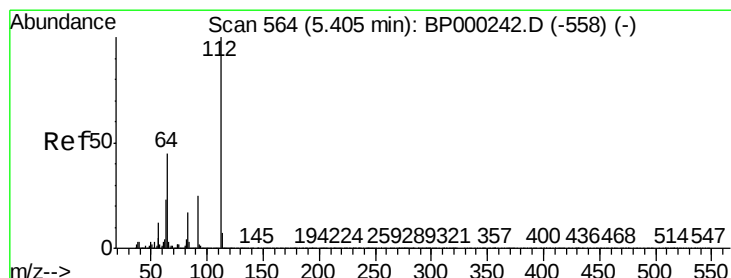
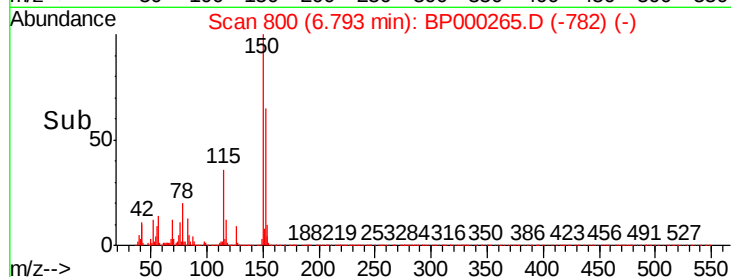
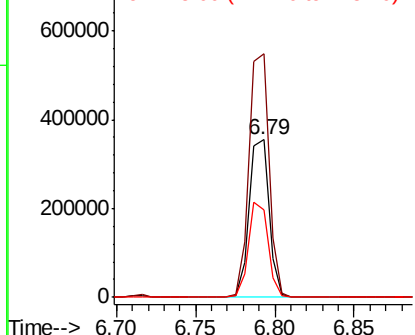
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

Instrument :
BNA_P
ClientSampleId :
DAY-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.2	187.8
115	55.2	49.7	74.5



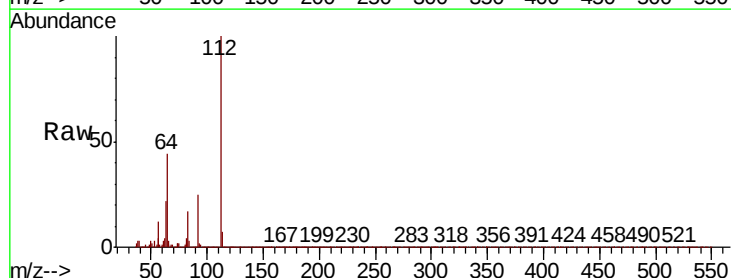
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



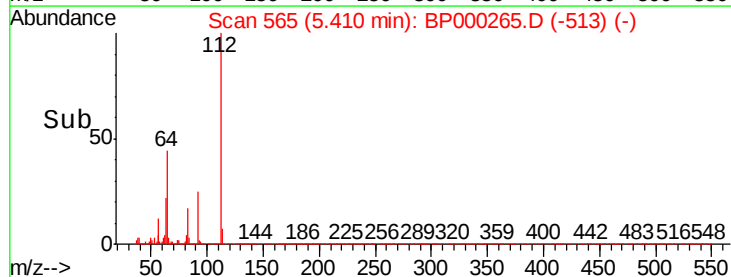
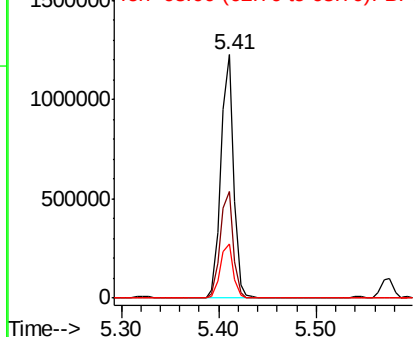
#5

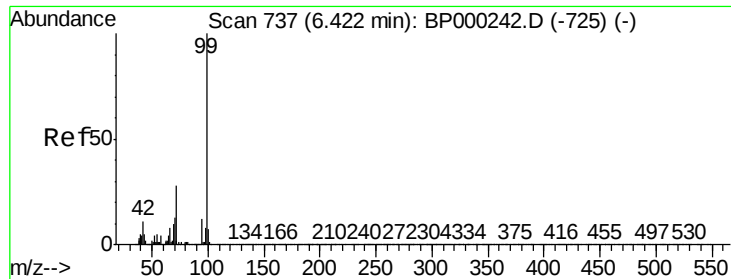
2-Fluorophenol
Concen: 62.001 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.7	36.2	54.4
63	22.1	18.3	27.5



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: 40.625 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000265.D

Acq: 17 Sep 2019 12:12

Instrument :

BNA_P

ClientSampled :

DAY-1

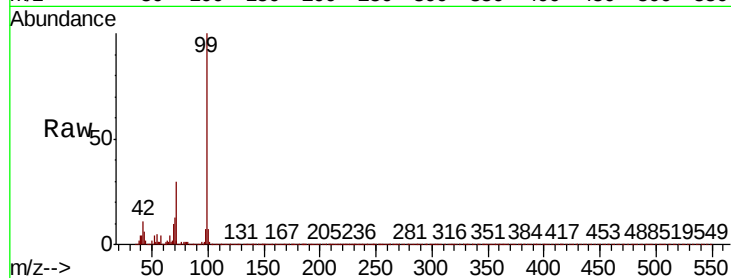
Tot Ion: 99 Resp: 889352

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

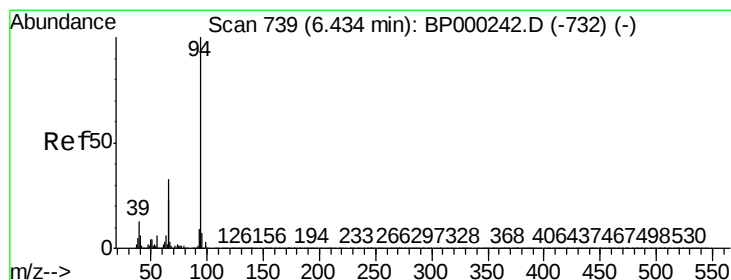
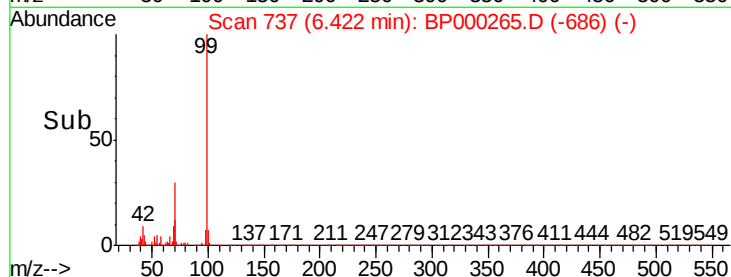
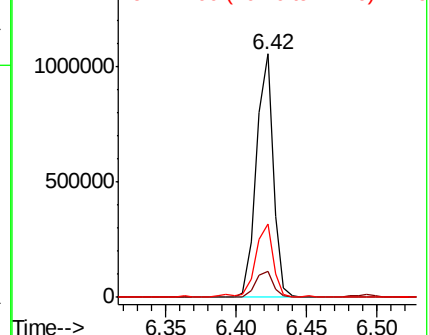
71 30.4 22.6 34.0



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



#10

Phenol

Concen: 5.163 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000265.D

Acq: 17 Sep 2019 12:12

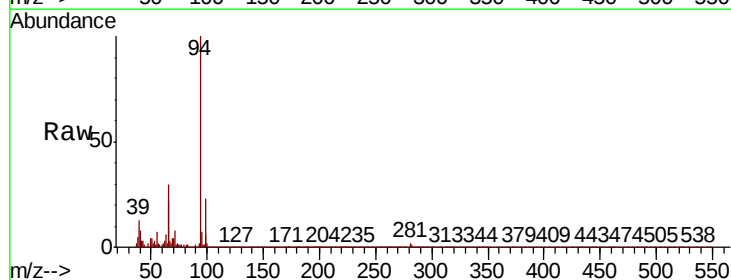
Tgt Ion: 94 Resp: 128425

Ion Ratio Lower Upper

94 100

65 22.2 3.3 43.3

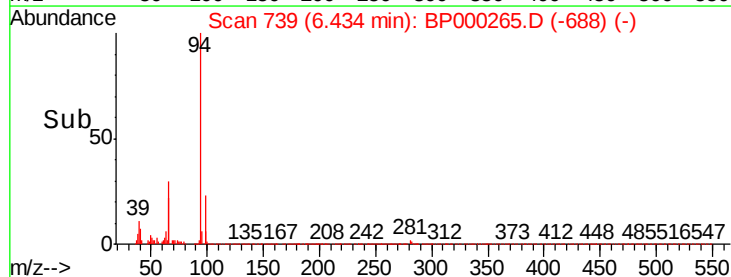
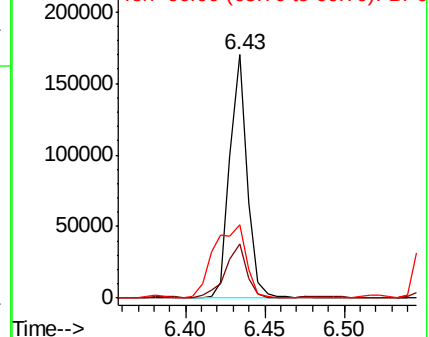
66 30.0 12.7 52.7

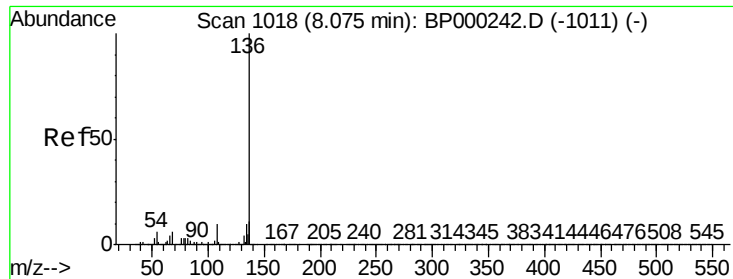


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

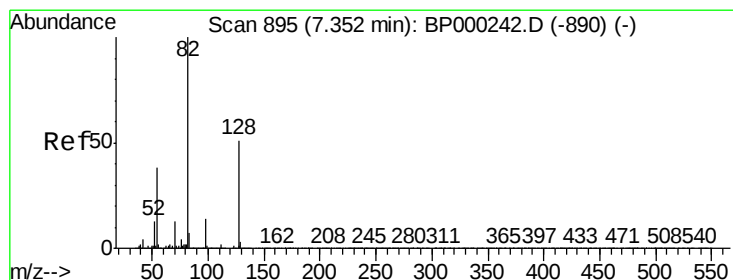
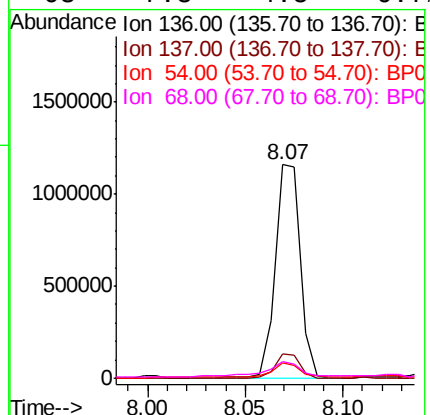
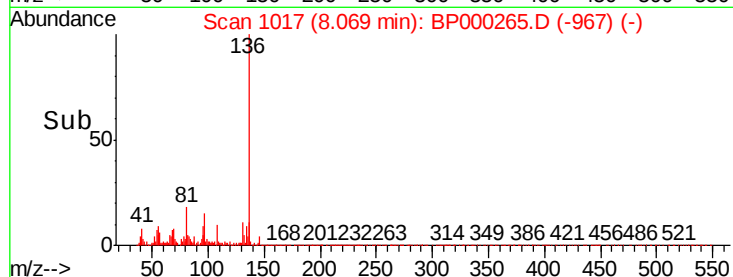
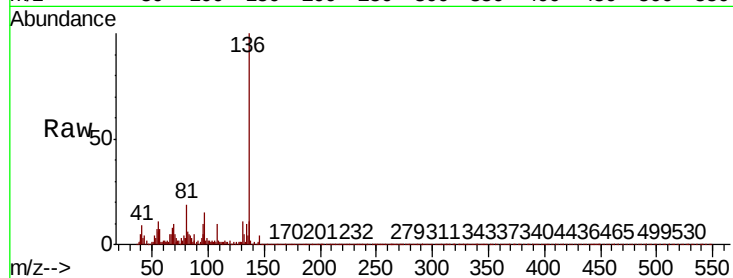




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

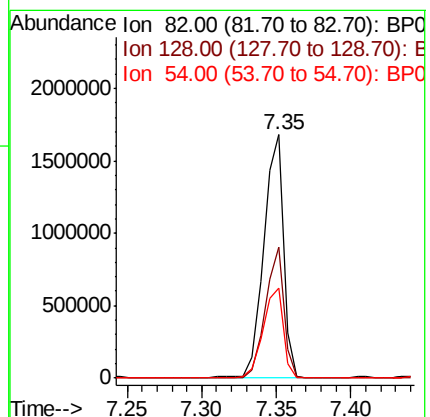
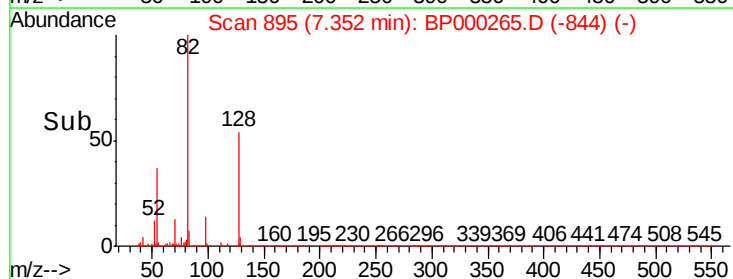
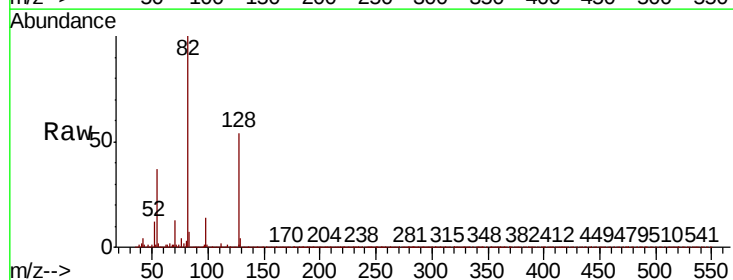
Instrument :
BNA_P
ClientSampleId :
DAY-1

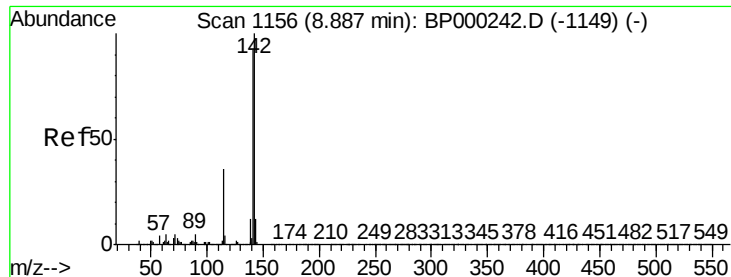
Tot Ion:136	Resp: 1028527
Ion Ratio	Lower Upper
136 100	
137 11.4	8.6 13.0
54 7.1	4.5 6.7#
68 7.8	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 95.487 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

Tgt Ion: 82	Resp: 1522196
Ion Ratio	Lower Upper
82 100	
128 53.7	40.7 61.1
54 36.8	30.1 45.1

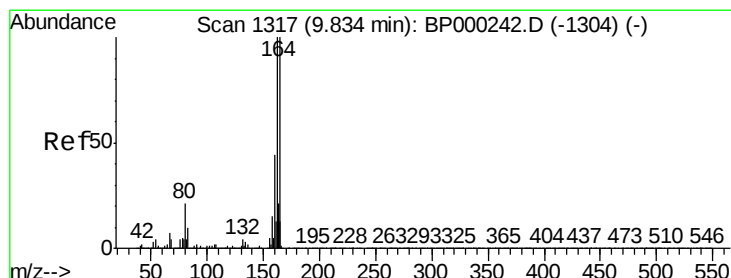
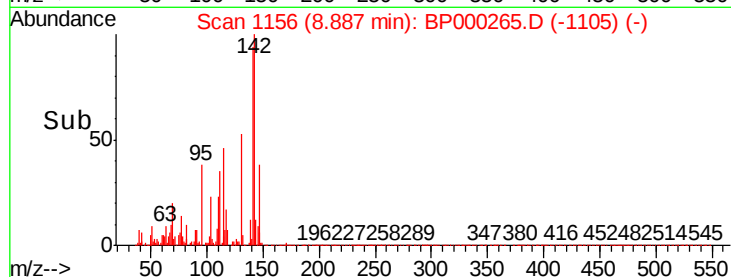
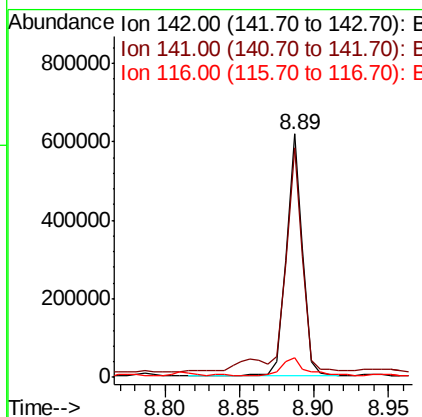
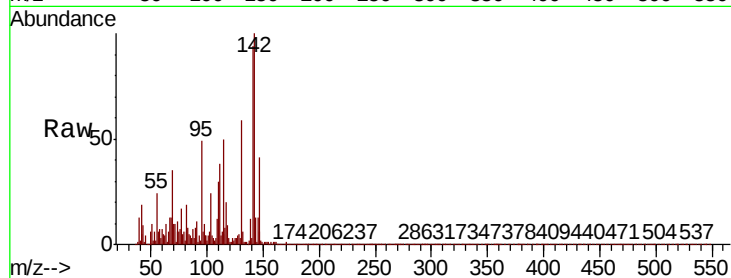




#38
1-Methylnaphthalene
Concen: 15.493 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

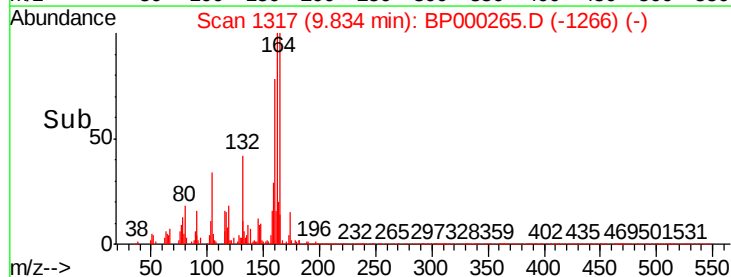
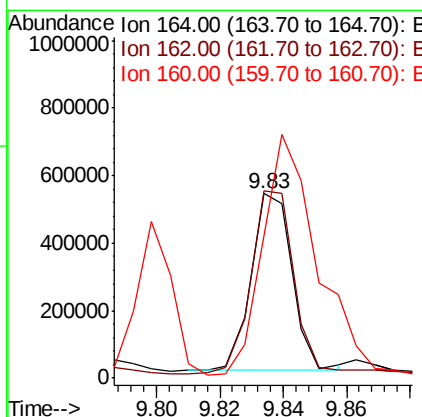
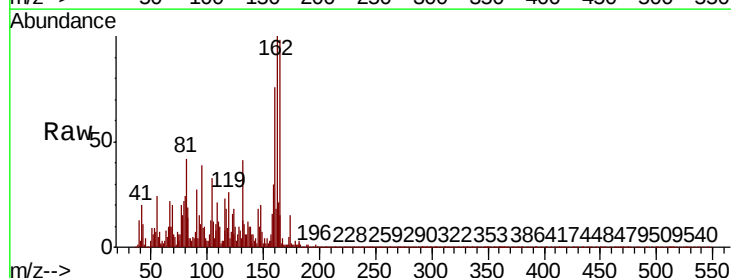
Instrument :
BNA_P
ClientSampleId :
DAY-1

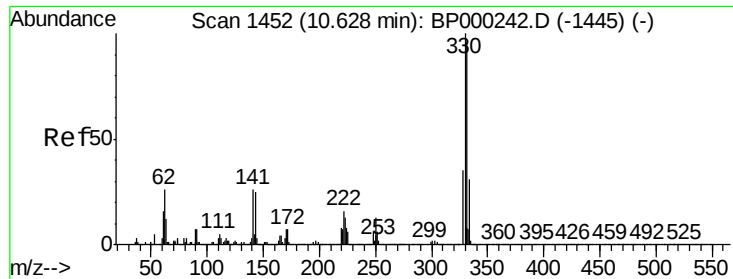
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.5	73.9	110.9
116	8.0	3.0	4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.9	119.9
160	77.3	35.6	53.4#

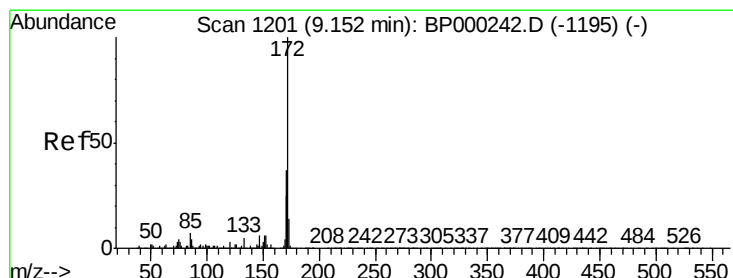
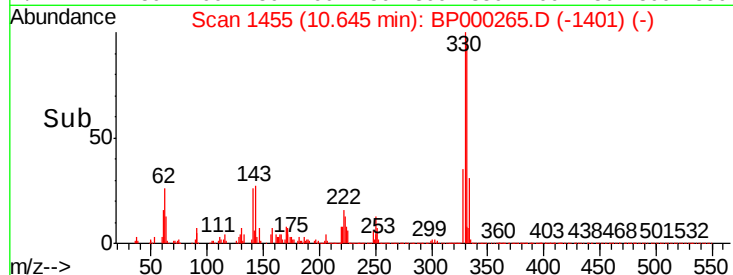
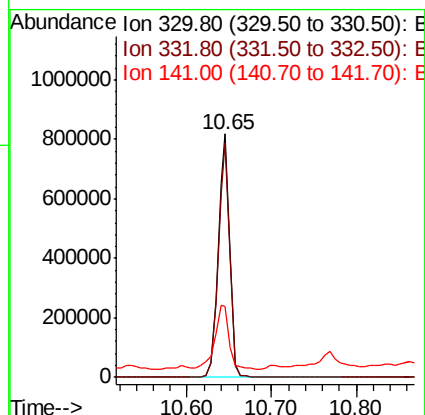
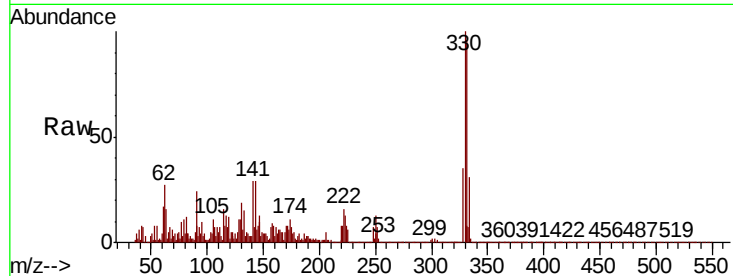




#42
 2,4,6-Tribromophenol
 Concen: 170.986 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.02 min
 Lab File: BP000265.D
 Acq: 17 Sep 2019 12:12

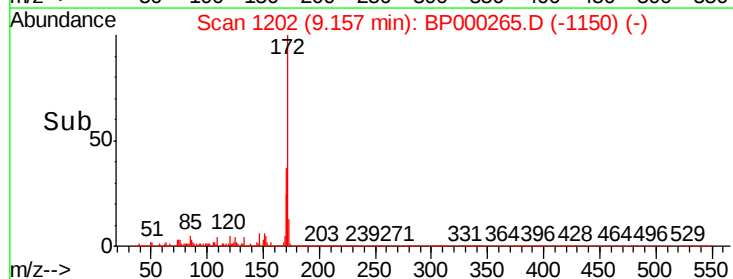
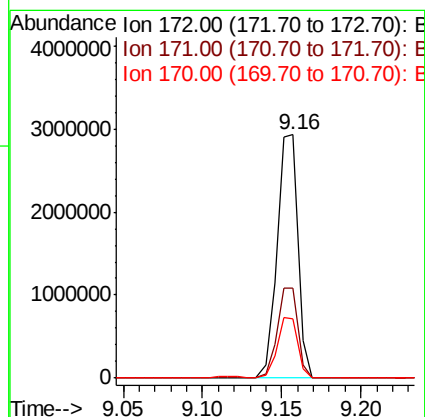
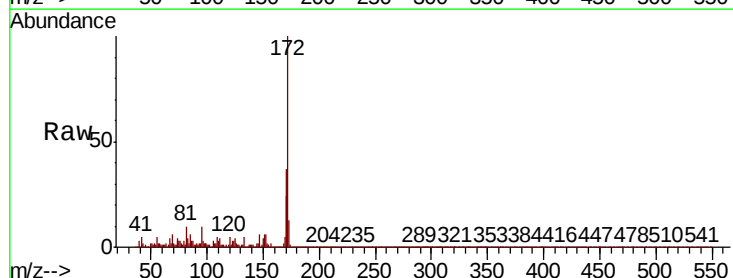
Instrument :
 BNA_P
 ClientSampled :
 DAY-1

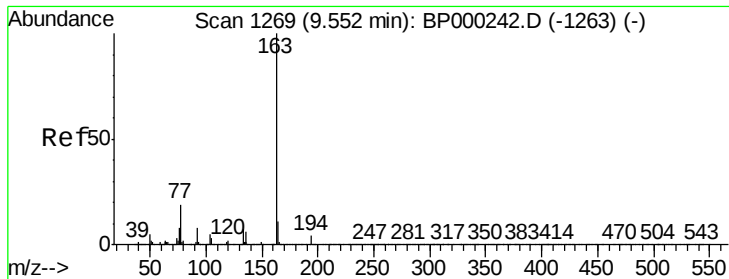
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	32.2	26.5	39.7



#45
 2-Fluorobiphenyl
 Concen: 102.380 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BP000265.D
 Acq: 17 Sep 2019 12:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.5	19.8	29.6

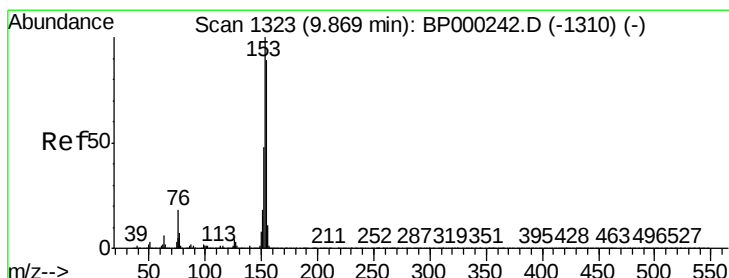
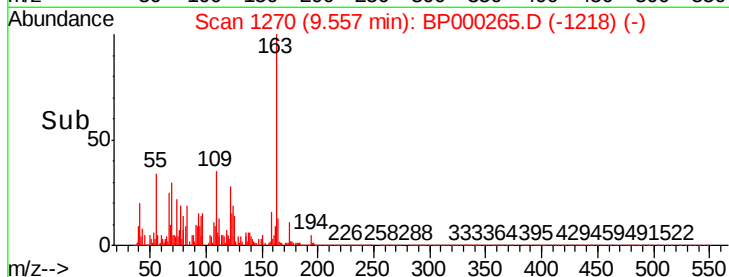
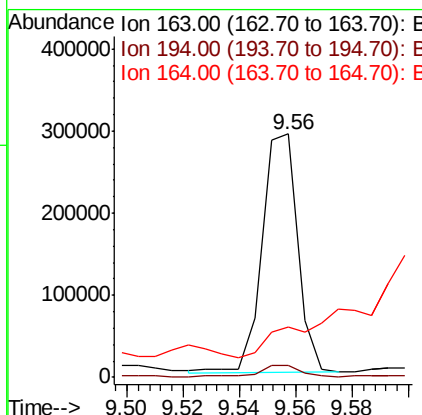
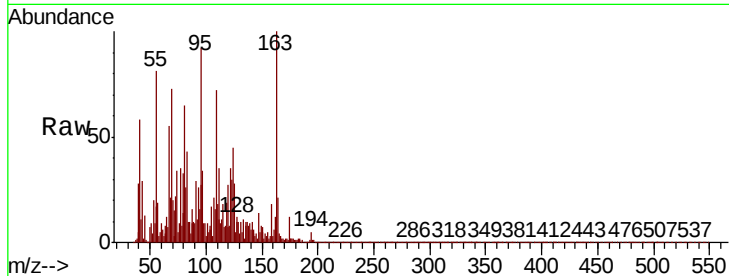




#50
Dimethylphthalate
Concen: 7.866 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

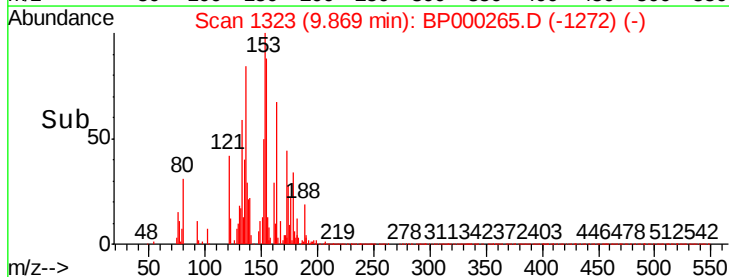
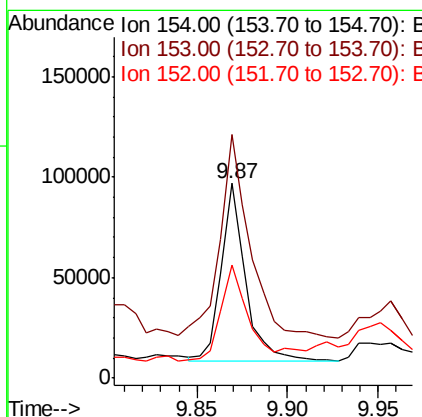
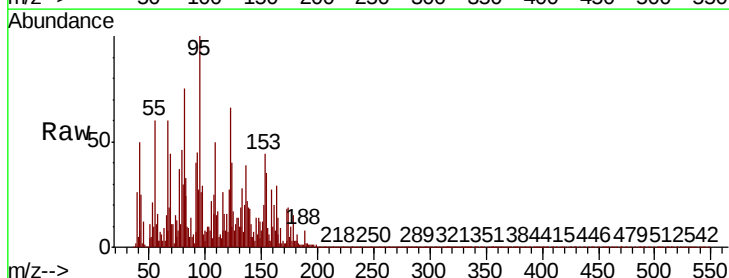
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DAY-1

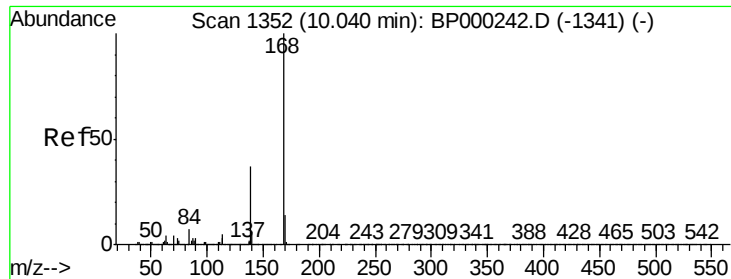
Tot Ion:163 Resp: 252877
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.0
164 20.7 8.5 12.7#



#52
Acenaphthene
Concen: 3.251 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

Tgt Ion:154 Resp: 84455
Ion Ratio Lower Upper
154 100
153 125.1 89.8 134.6
152 58.1 43.4 65.0

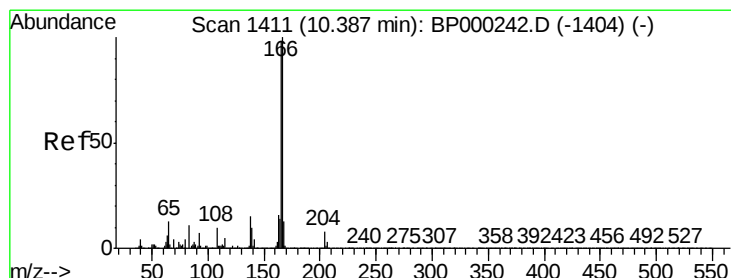
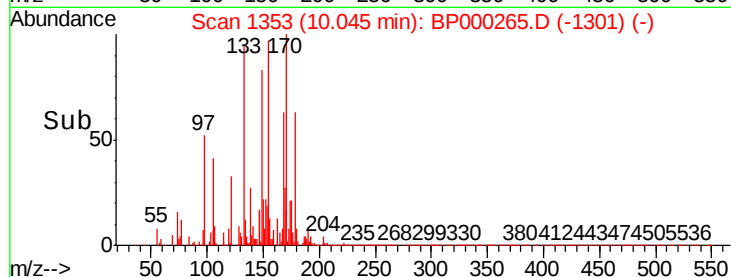
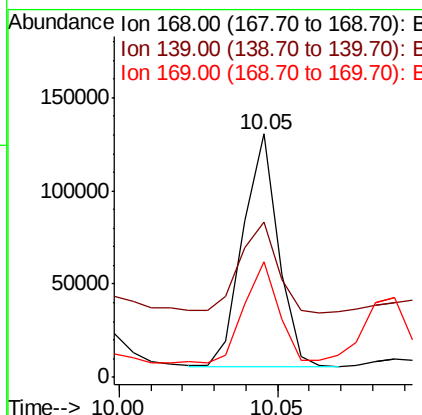
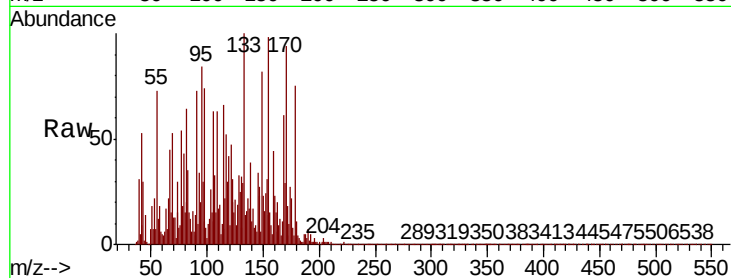




#55
Dibenzenofuran
Concen: 2.632 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

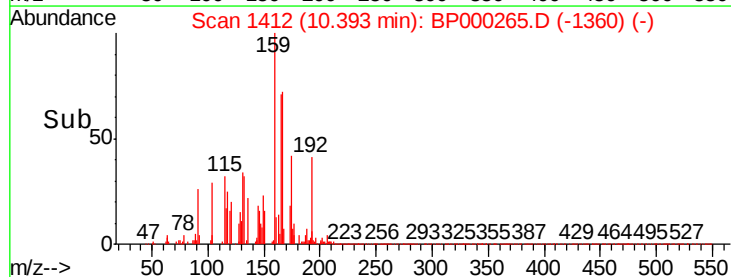
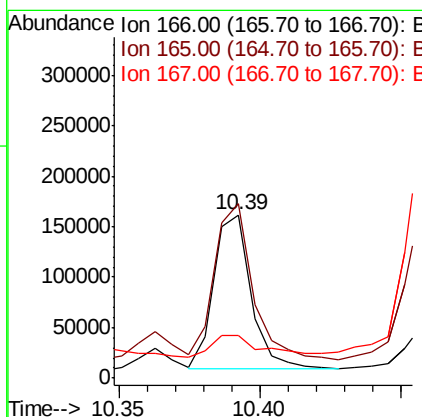
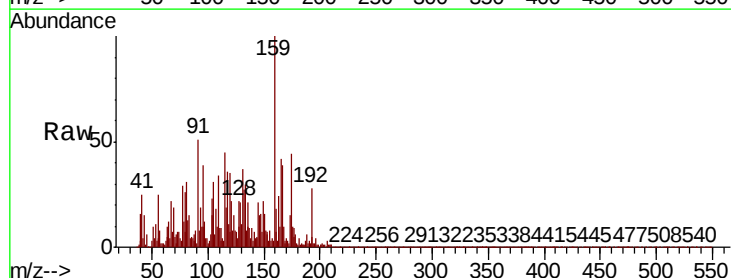
Instrument :
BNA_P
ClientSampleId :
DAY-1

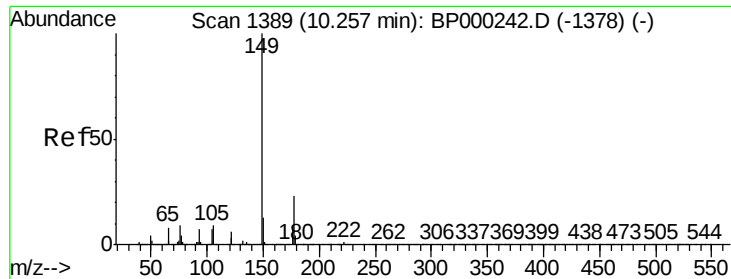
Tot Ion:168 Resp: 96644
Ion Ratio Lower Upper
168 100
139 63.8 30.0 45.0#
169 47.4 11.0 16.6#



#58
Fluorene
Concen: 4.946 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

Tgt Ion:166 Resp: 140284
Ion Ratio Lower Upper
166 100
165 107.1 78.2 117.2
167 25.9 10.7 16.1#

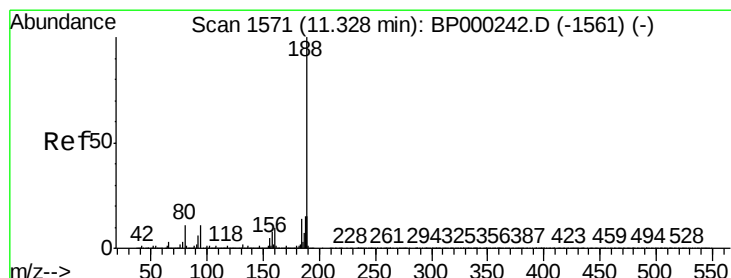
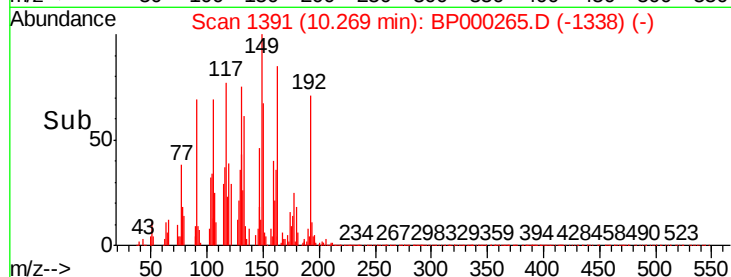
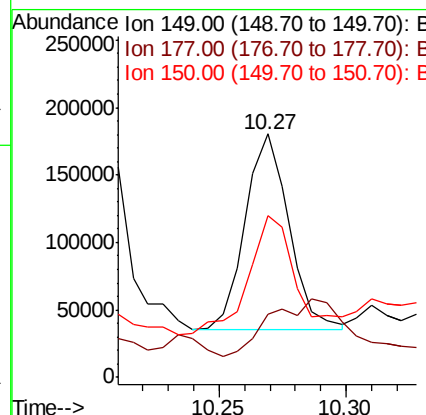
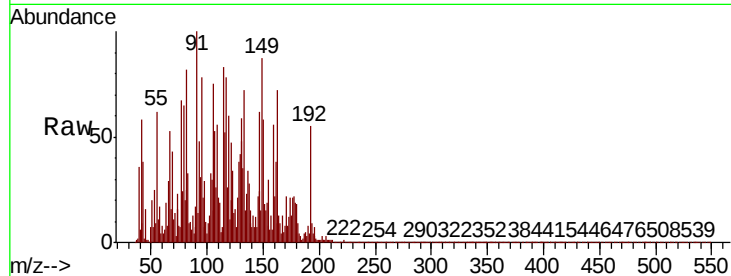




#60
Diethylphthalate
Concen: 5.633 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

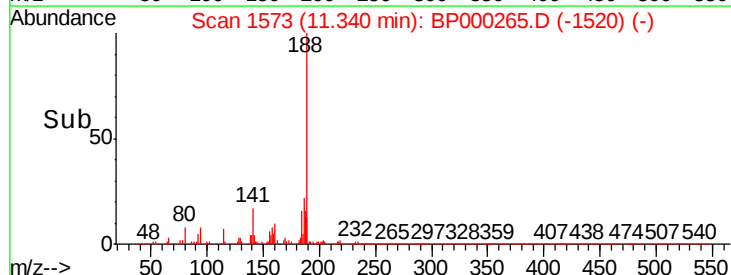
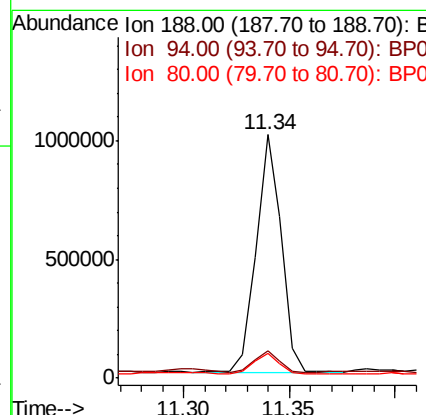
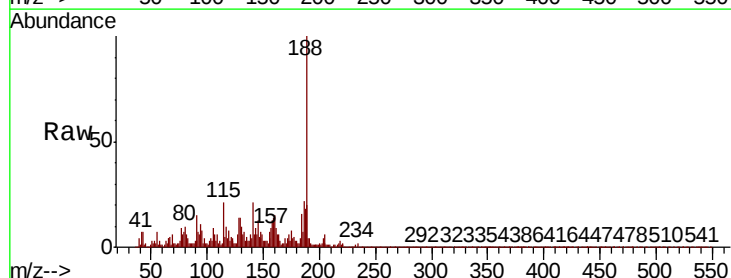
Instrument :
BNA_P
ClientSampled :
DAY-1

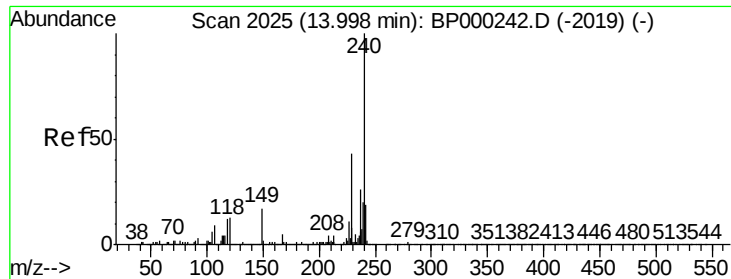
Tot Ion:149 Resp: 174191
Ion Ratio Lower Upper
149 100
177 25.7 18.1 27.1
150 66.5 10.3 15.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

Tgt Ion:188 Resp: 822310
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 10.1 8.6 13.0

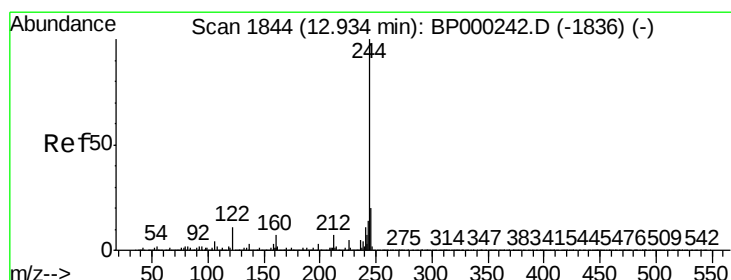
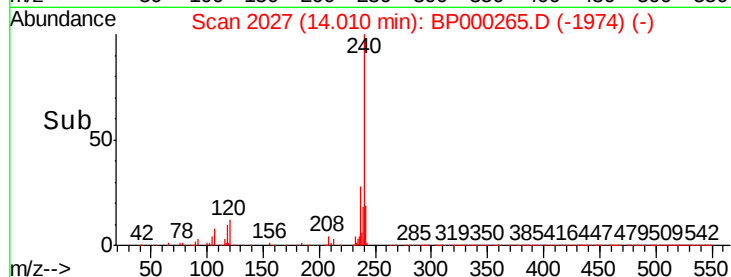
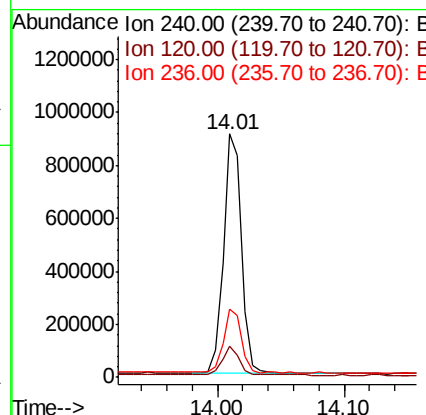
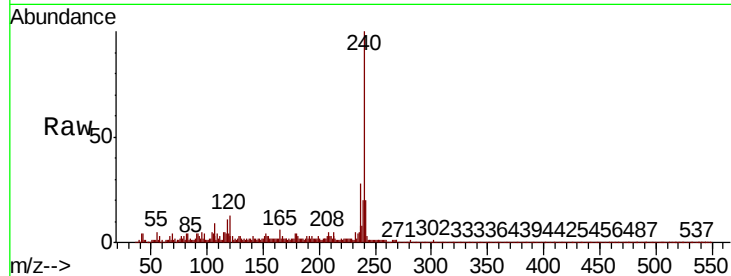




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

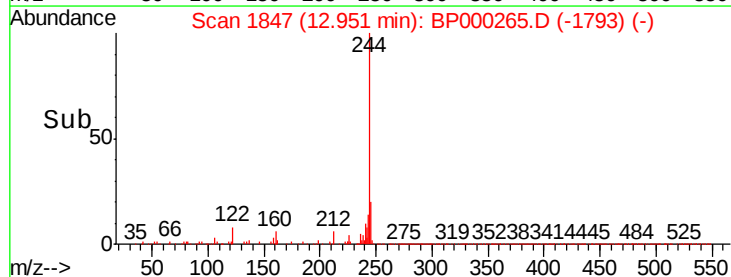
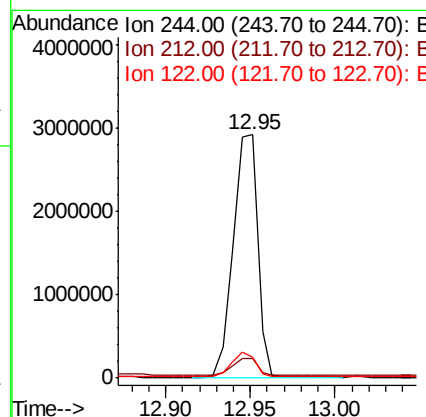
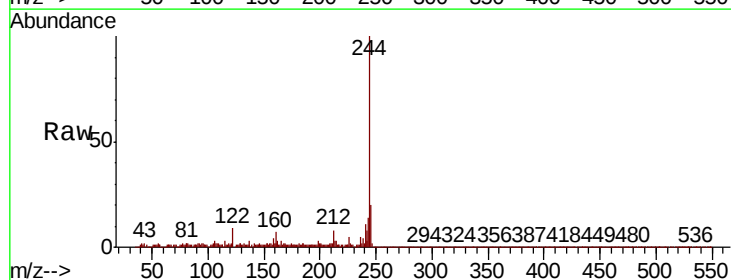
Instrument :
BNA_P
ClientSampleId :
DAY-1

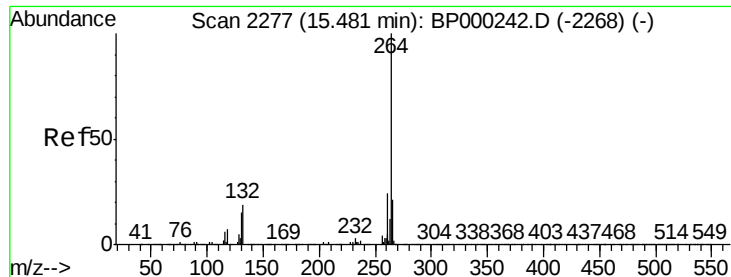
Tot Ion:240 Resp: 897754
Ion Ratio Lower Upper
240 100
120 12.6 10.4 15.6
236 27.9 21.0 31.6



#79
Terphenyl-d14
Concen: 67.689 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.02 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

Tgt Ion:244 Resp: 2896692
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 8.7 9.0 13.4#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP000265.D
Acq: 17 Sep 2019 12:12

Instrument :
BNA_P
ClientSampleId :
DAY-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.0	17.2	25.8

