

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000441.D
 Acq On : 27 Sep 2019 00:33
 Operator : JU
 Sample : K4657-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 05:42:31 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

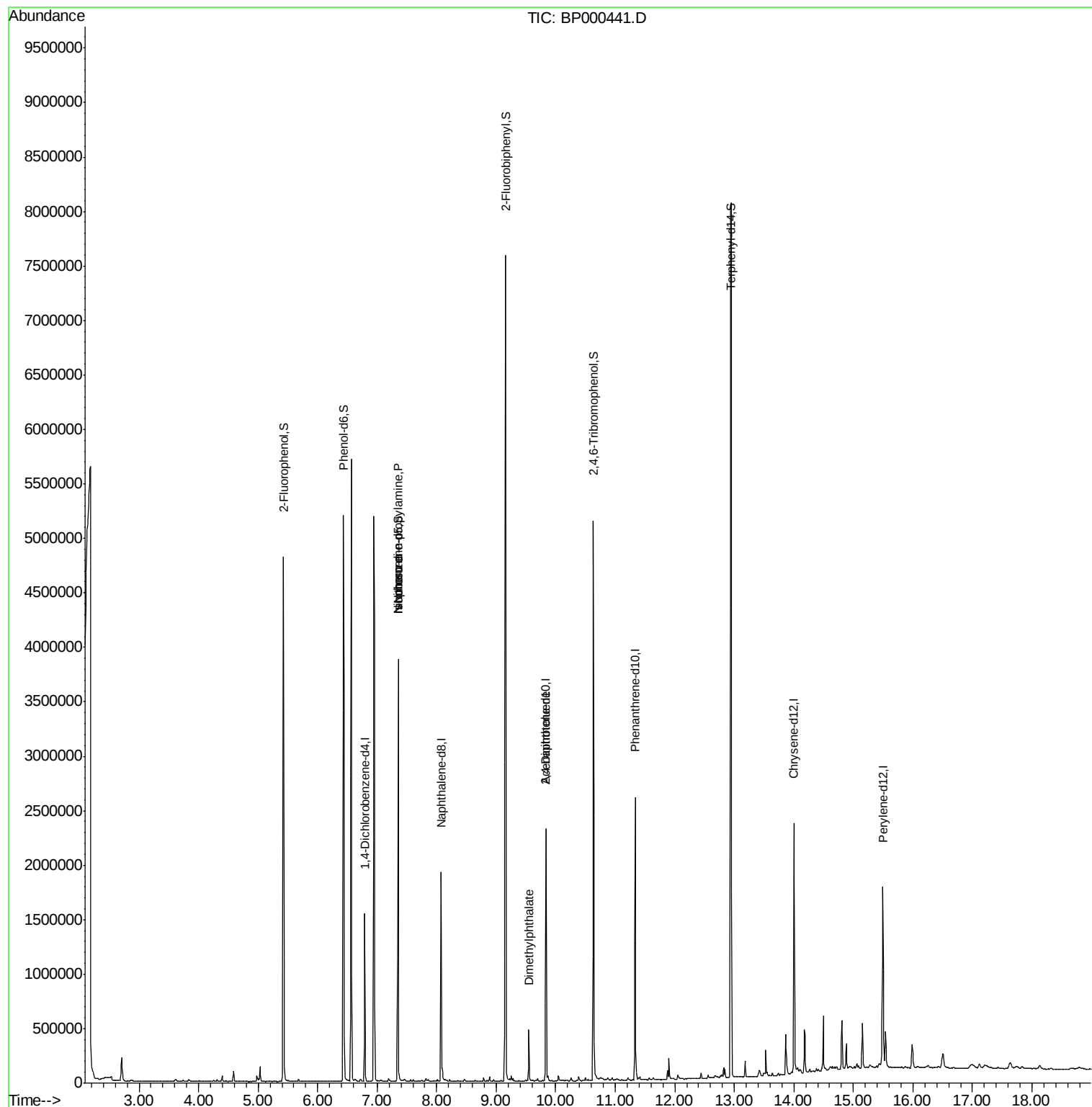
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	242858	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	890128	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	480892	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	854505	20.00	ng	0.00
76) Chrysene-d12	14.00	240	710962	20.00	ng	0.00
87) Perylene-d12	15.50	264	791528	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1704358	121.15	ng	0.02
7) Phenol-d6	6.43	99	2147143	124.51	ng	0.01
23) Nitrobenzene-d5	7.35	82	1202751	87.18	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	655316	137.39	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2515033	94.13	ng	0.00
79) Terphenyl-d14	12.95	244	3038978	89.67	ng	0.01
Target Compounds						
9) Benzaldehyde	6.34	77	1882	Below Cal		98
19) n-Nitroso-di-n-propylamine	7.35	70	148355	16.272 ng	#	74
25) Isophorone	7.35	82	1202520	44.019 ng	#	63
50) Dimethylphthalate	9.55	163	219258	6.692 ng		99
57) 2,4-Dinitrotoluene	9.83	165	61941	6.577 ng	#	35
69) Atrazine	11.03	200	1597	Below Cal		93

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

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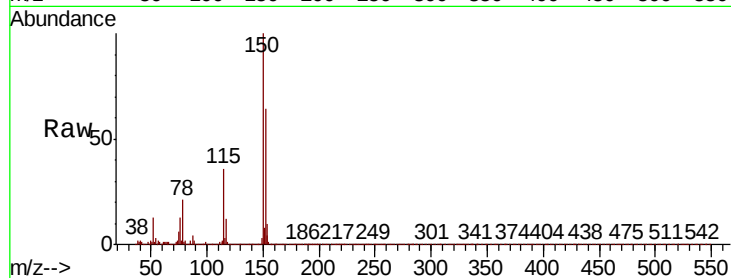


#1

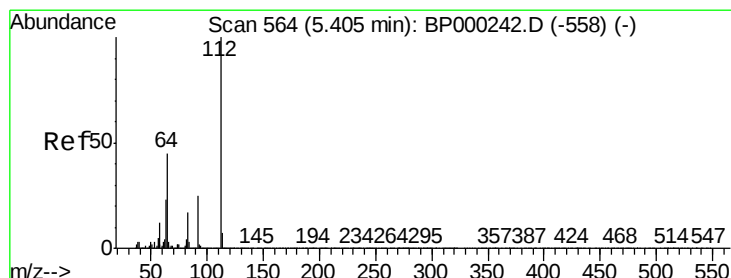
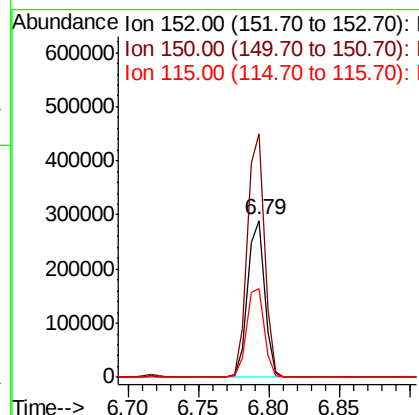
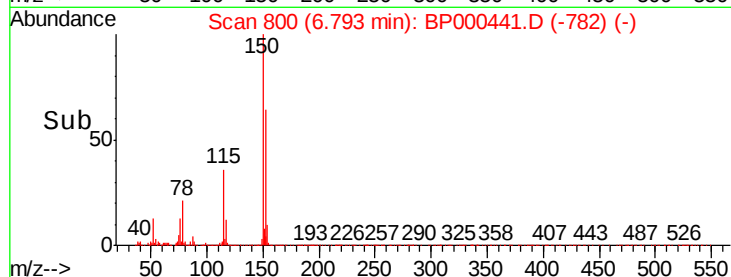
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 242858
Ion Ratio Lower Upper
152 100
150 155.1 125.2 187.8
115 56.1 49.7 74.5



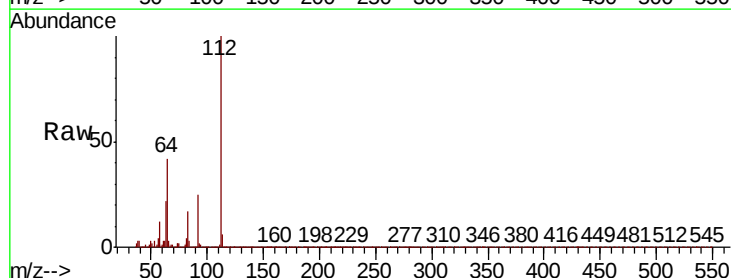
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



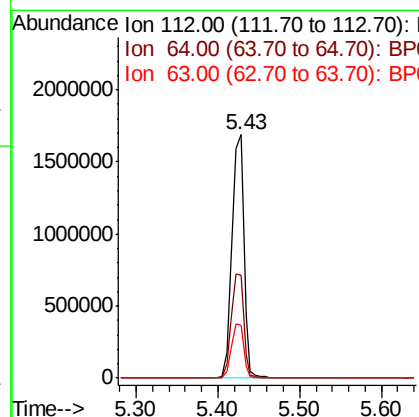
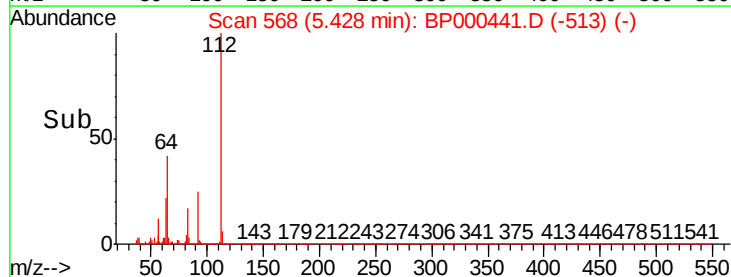
#5

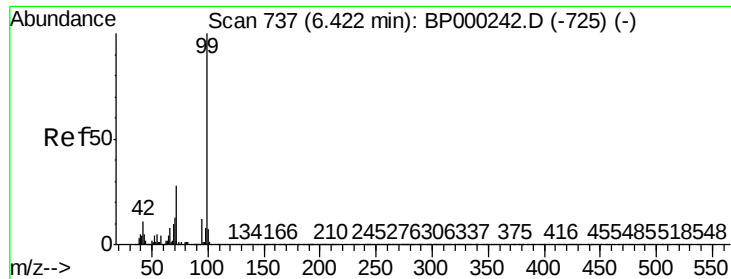
2-Fluorophenol
Concen: 121.154 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

Tgt Ion:112 Resp: 1704358
Ion Ratio Lower Upper
112 100
64 42.4 36.2 54.4
63 21.7 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: 124.515 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000441.D

Acq: 27 Sep 2019 00:33

Instrument :

BNA_P

ClientSampled :

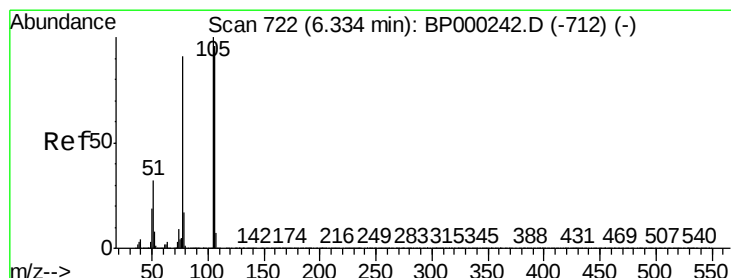
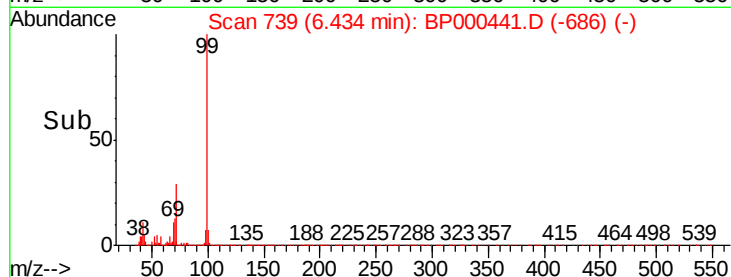
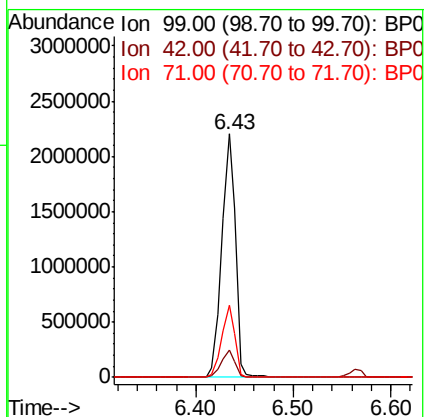
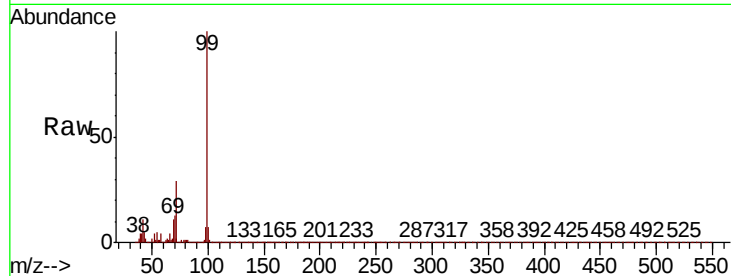
Tot Ion: 99 Resp: 2147143

Ion Ratio Lower Upper

99 100

42 11.0 8.5 12.7

71 29.5 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000441.D

Acq: 27 Sep 2019 00:33

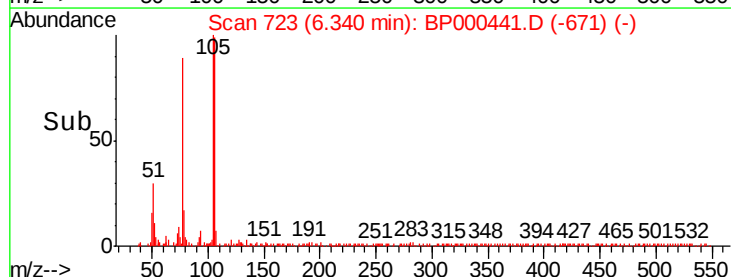
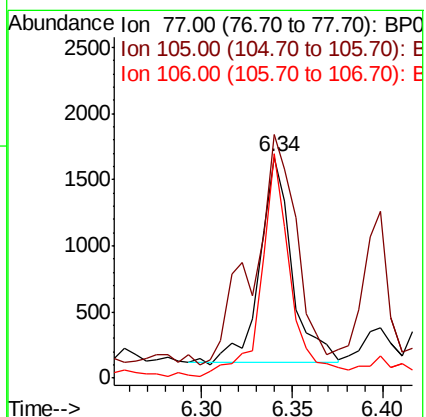
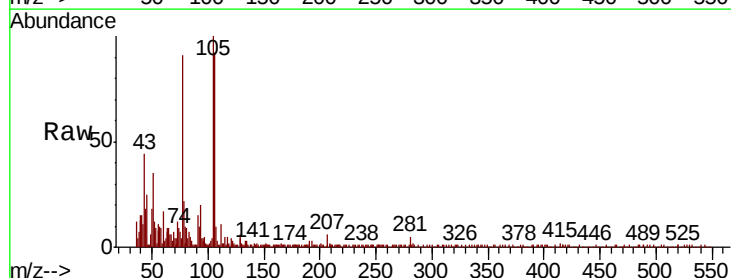
Tgt Ion: 77 Resp: 1882

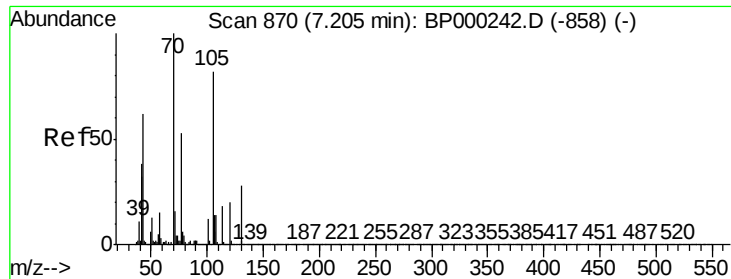
Ion Ratio Lower Upper

77 100

105 110.4 89.6 129.6

106 101.5 84.6 124.6

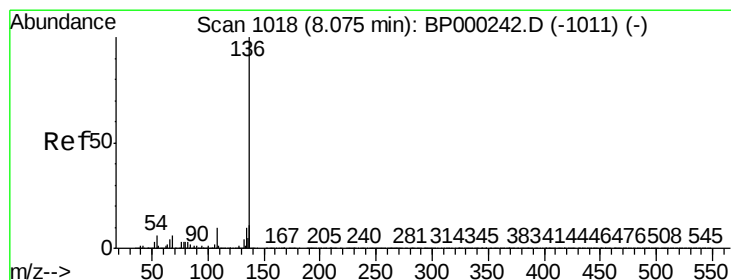
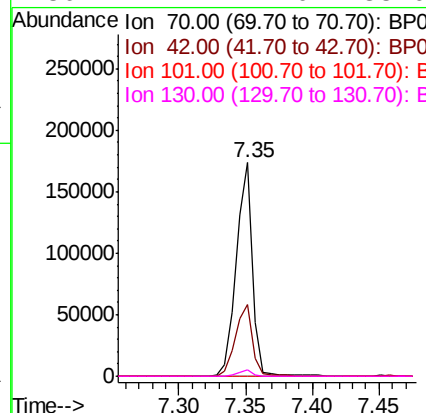
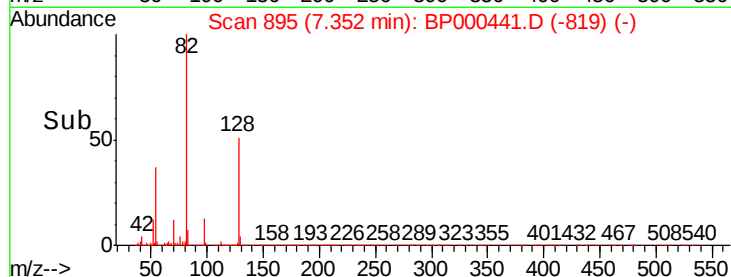
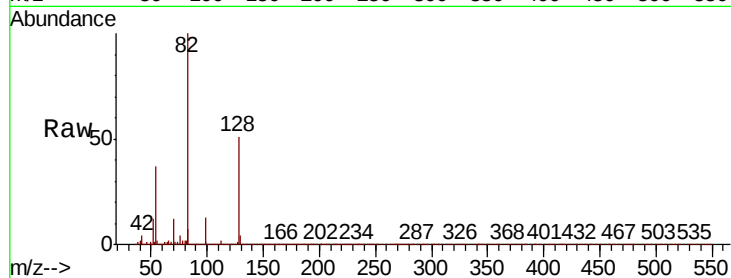




#19
n-Nitroso-di-n-propylamine
Concen: 16.272 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

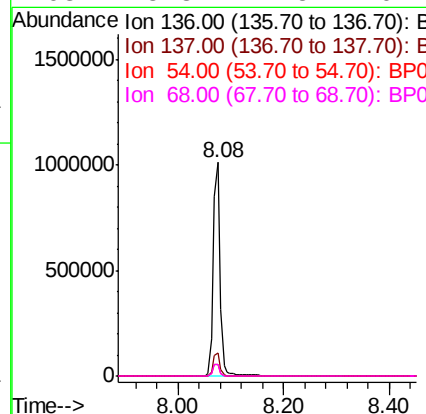
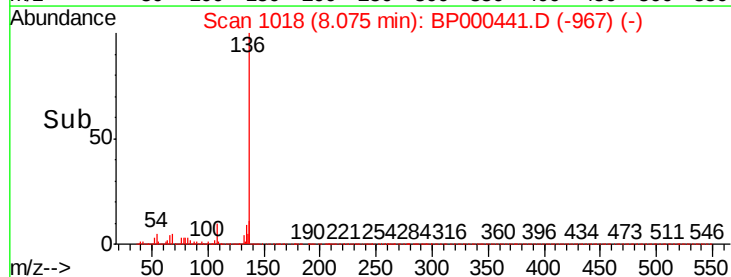
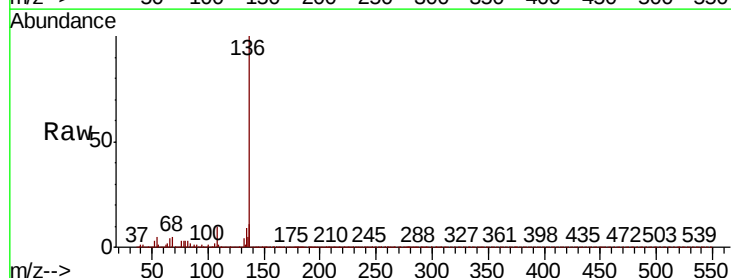
Instrument :
BNA_P
ClientSampleId :

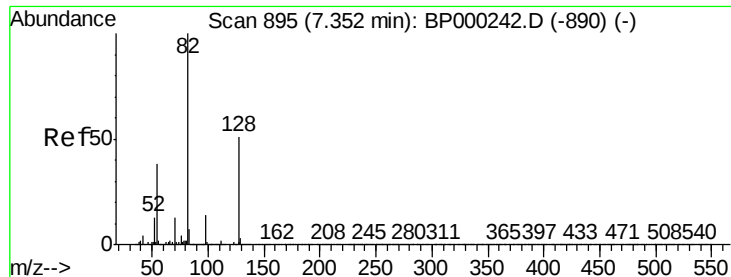
Tot Ion	Ratio	Lower	Upper
70	100		
42	33.4	30.7	46.1
101	0.0	9.6	14.4#
130	2.7	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.3	4.5	6.7
68	5.3	4.5	6.7

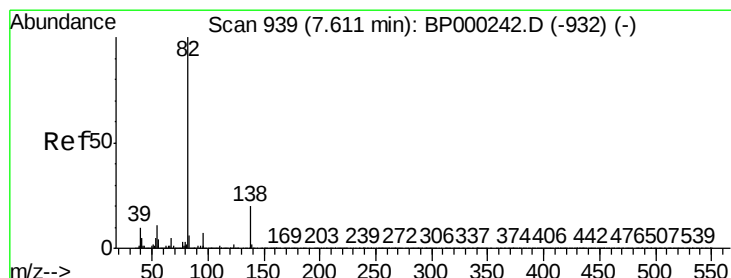
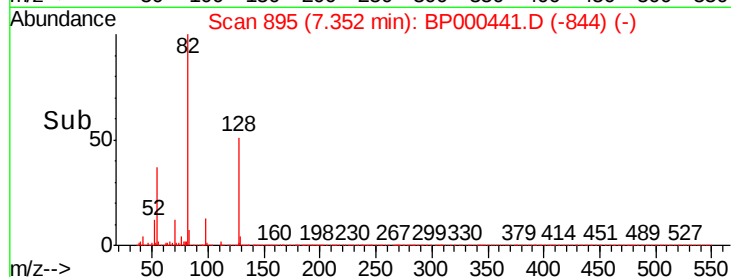
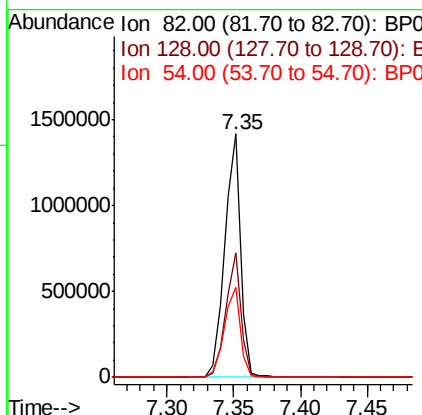
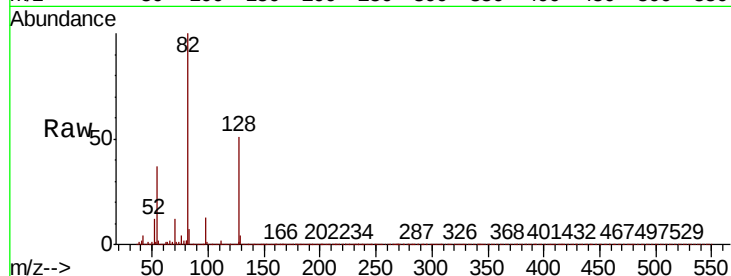




#23
Nitrobenzene-d5
Concen: 87.179 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

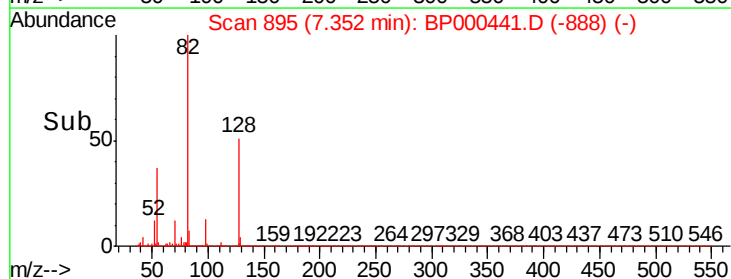
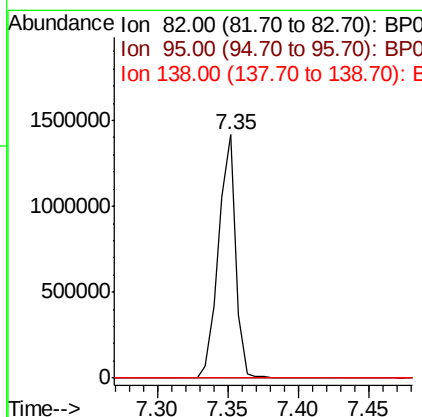
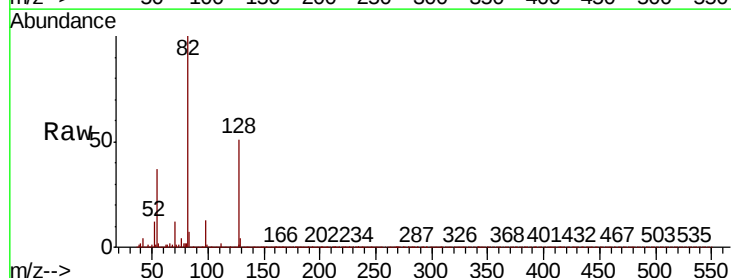
Instrument :
BNA_P
ClientSampleId :

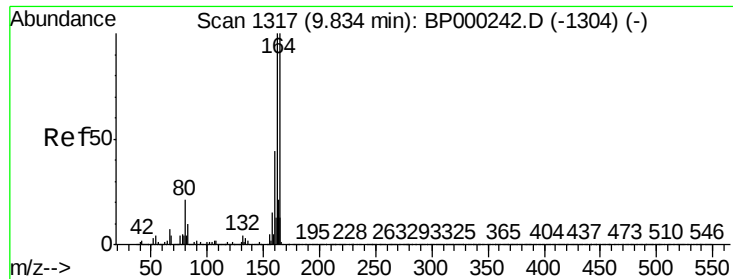
Tot Ion: 82 Resp: 1202751
Ion Ratio Lower Upper
82 100
128 51.1 40.7 61.1
54 36.8 30.1 45.1



#25
Isophorone
Concen: 44.019 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

Tgt Ion: 82 Resp: 1202520
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.9 23.9#

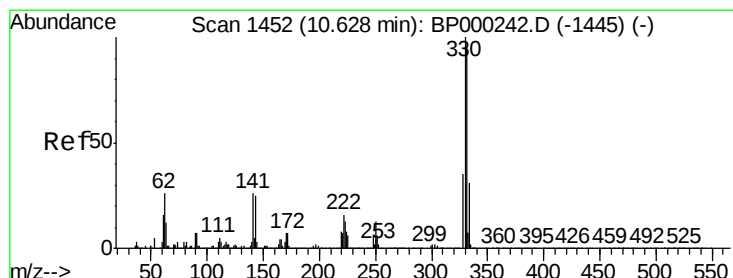
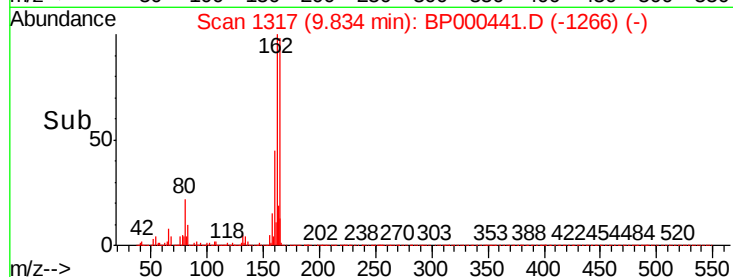
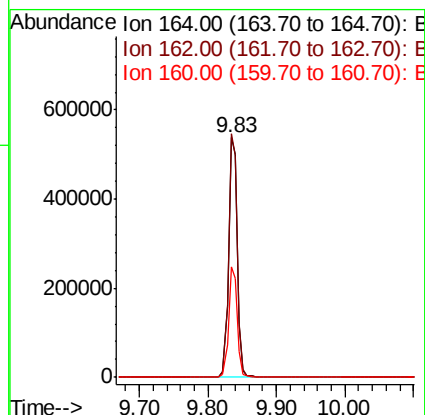
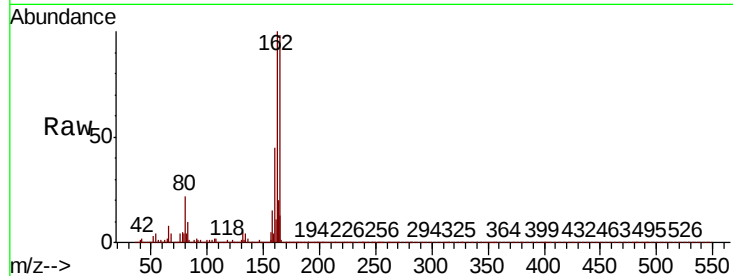




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

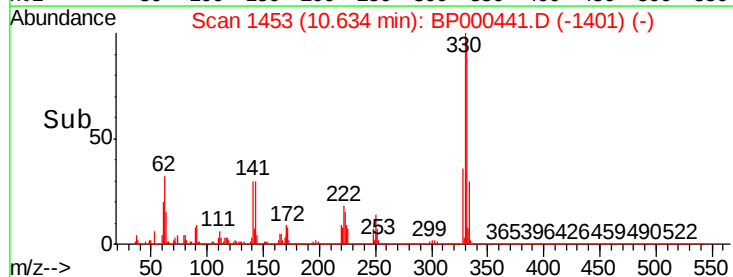
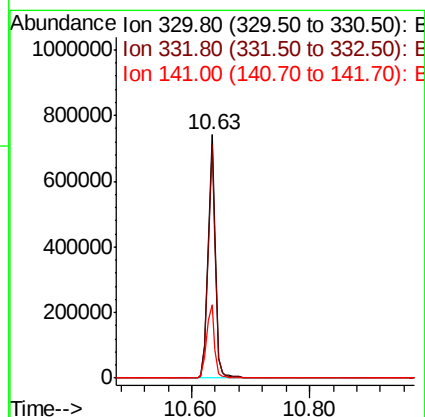
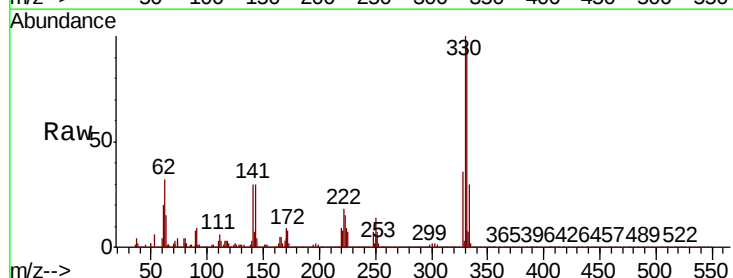
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BNA_P
ClientSampleId :

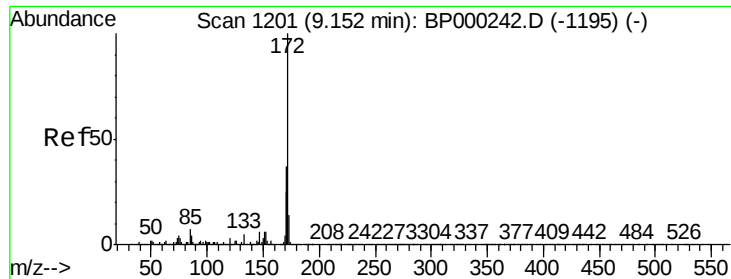
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.9	119.9
160	46.3	35.6	53.4



#42
2,4,6-Tribromophenol
Concen: 137.389 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	31.9	26.5	39.7

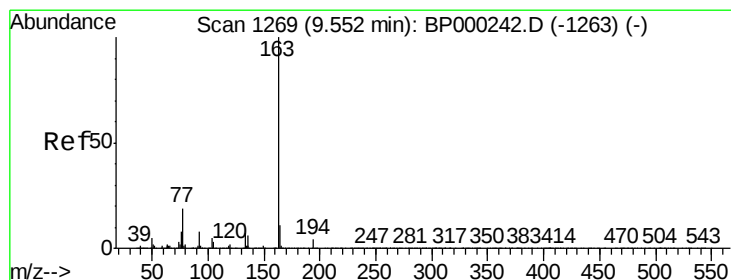
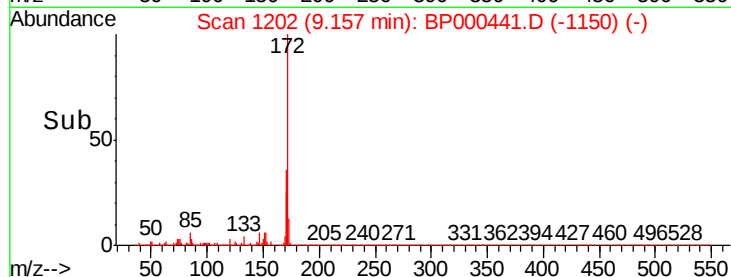
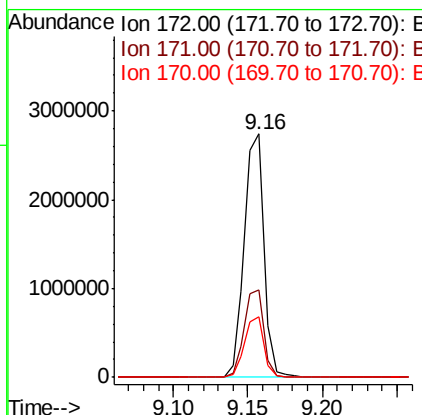
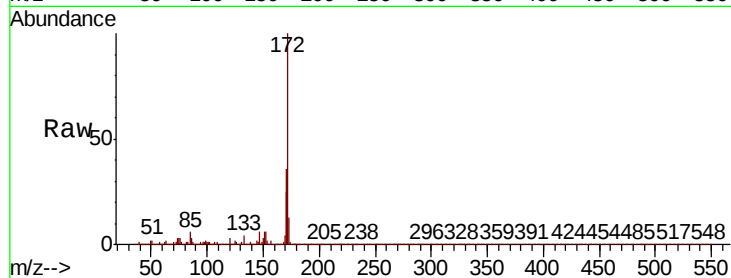




#45
2-Fluorobiphenyl
Concen: 94.129 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

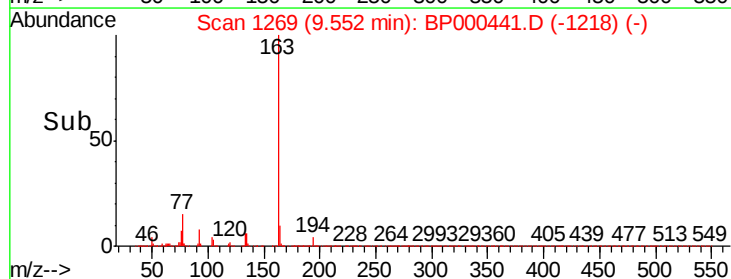
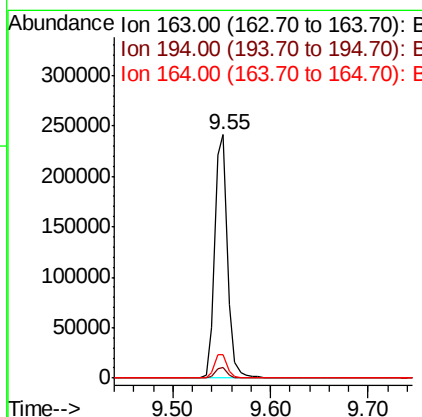
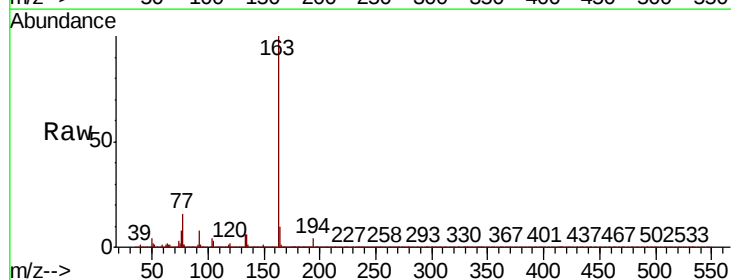
Instrument :
BNA_P
ClientSampleId :

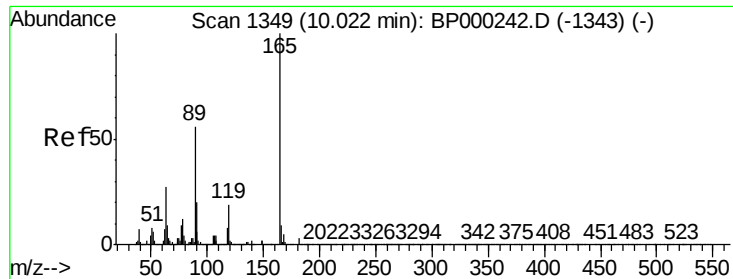
Tot Ion:172 Resp: 2515033
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 24.6 19.8 29.6



#50
Dimethylphthalate
Concen: 6.692 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

Tgt Ion:163 Resp: 219258
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.8 8.5 12.7

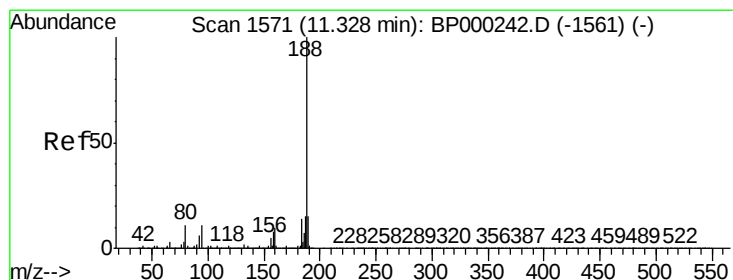
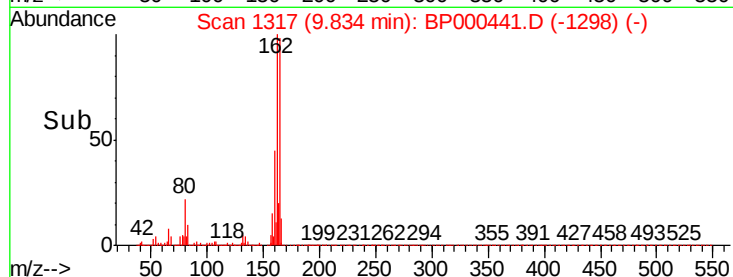
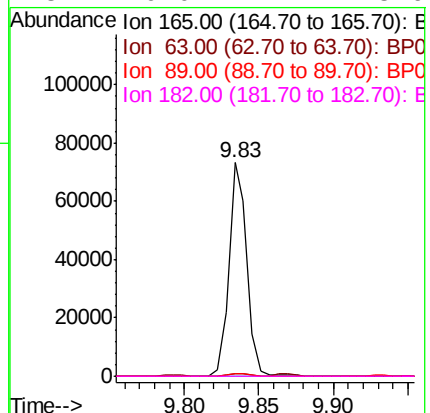
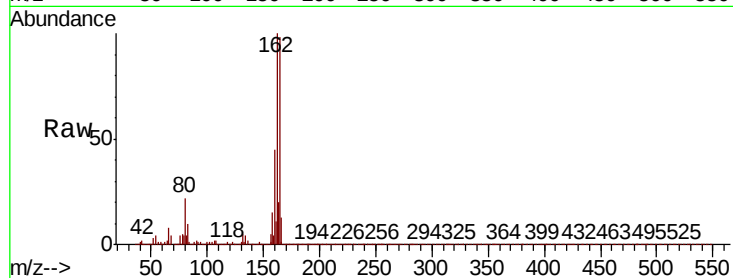




#57
2,4-Dinitrotoluene
Concen: 6.577 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

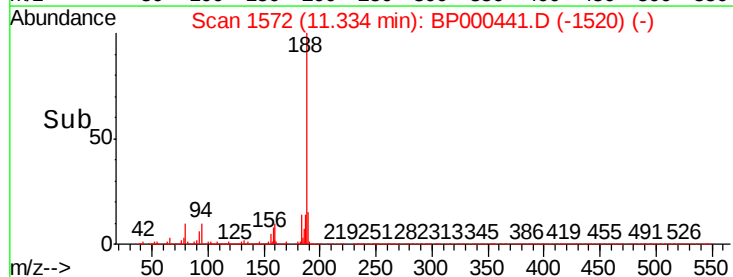
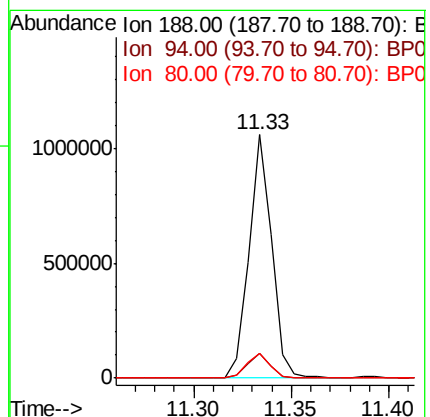
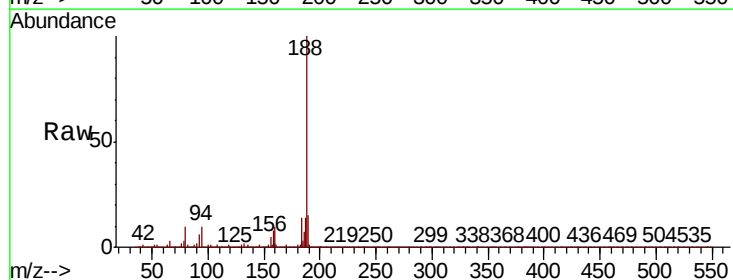
Instrument :
BNA_P
ClientSampled :

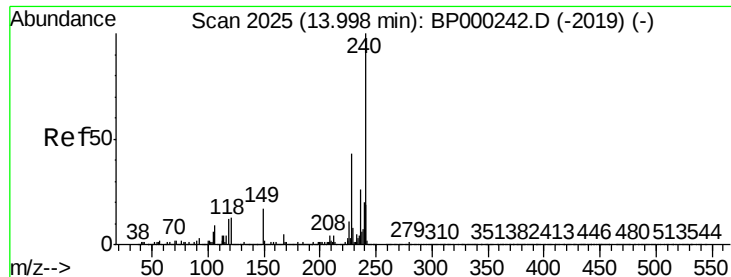
Tot Ion:165 Resp: 61941
Ion Ratio Lower Upper
165 100
63 1.1 21.7 32.5#
89 1.2 45.0 67.6#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000441.D
Acq: 27 Sep 2019 00:33

Tgt Ion:188 Resp: 854505
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.3 8.6 13.0

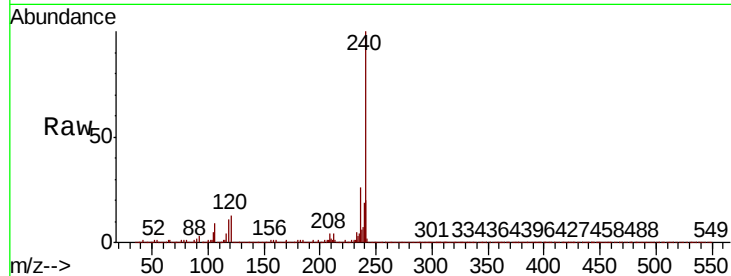




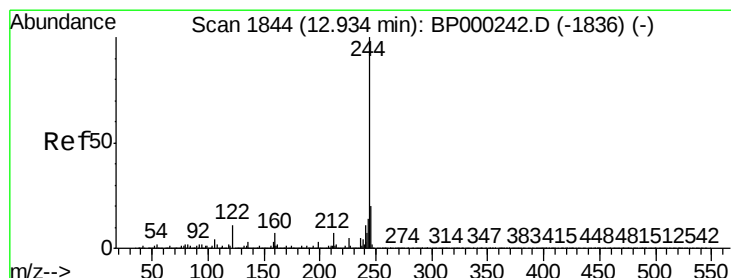
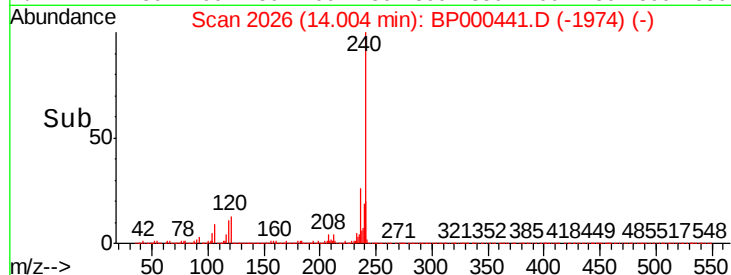
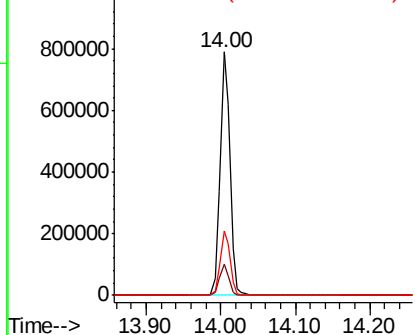
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BP000441.D
 Acq: 27 Sep 2019 00:33

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:240 Resp: 710962
 Ion Ratio Lower Upper
 240 100
 120 12.8 10.4 15.6
 236 26.4 21.0 31.6

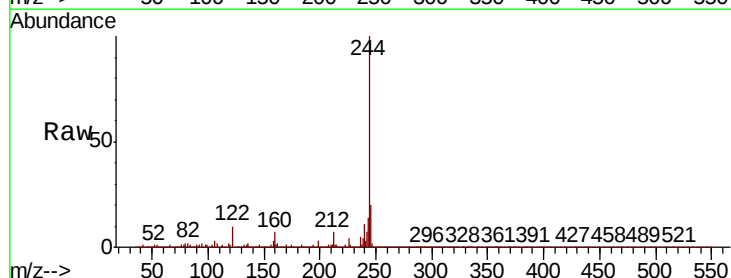


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

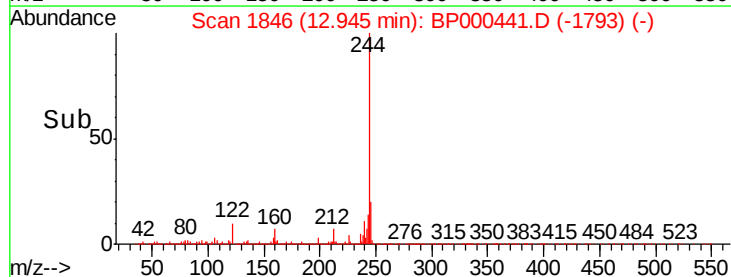
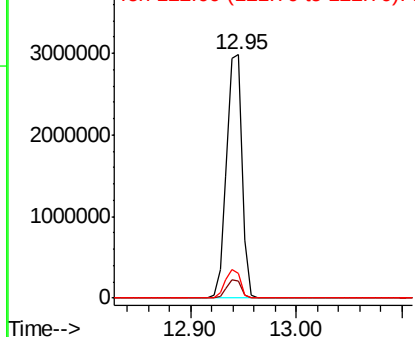


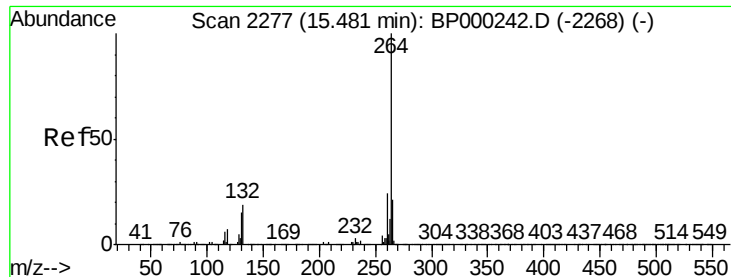
#79
 Terphenyl-d14
 Concen: 89.672 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BP000441.D
 Acq: 27 Sep 2019 00:33

Tgt Ion:244 Resp: 3038978
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.2 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

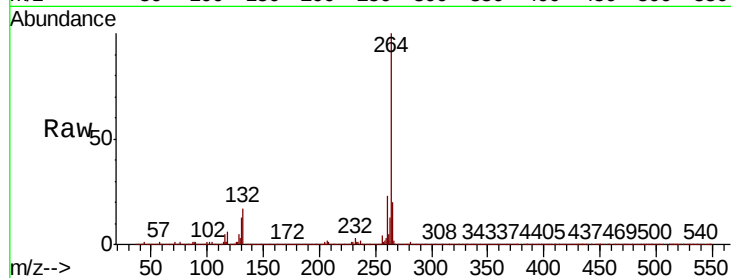




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BP000441.D
 Acq: 27 Sep 2019 00:33

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.9	28.3
265	20.3	17.2	25.8

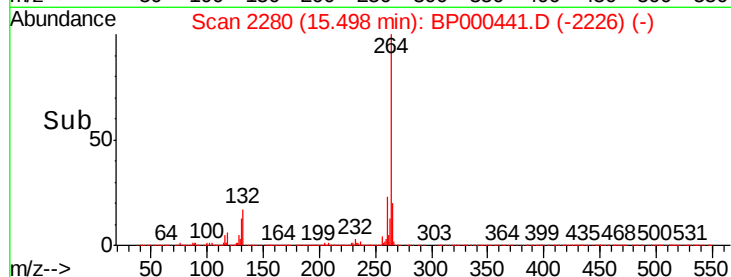
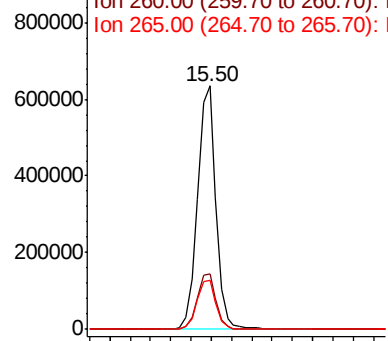


Abundance

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



Time-->