

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000439.D
 Acq On : 26 Sep 2019 23:13
 Operator : JU
 Sample : PB123396BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 05:42:08 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

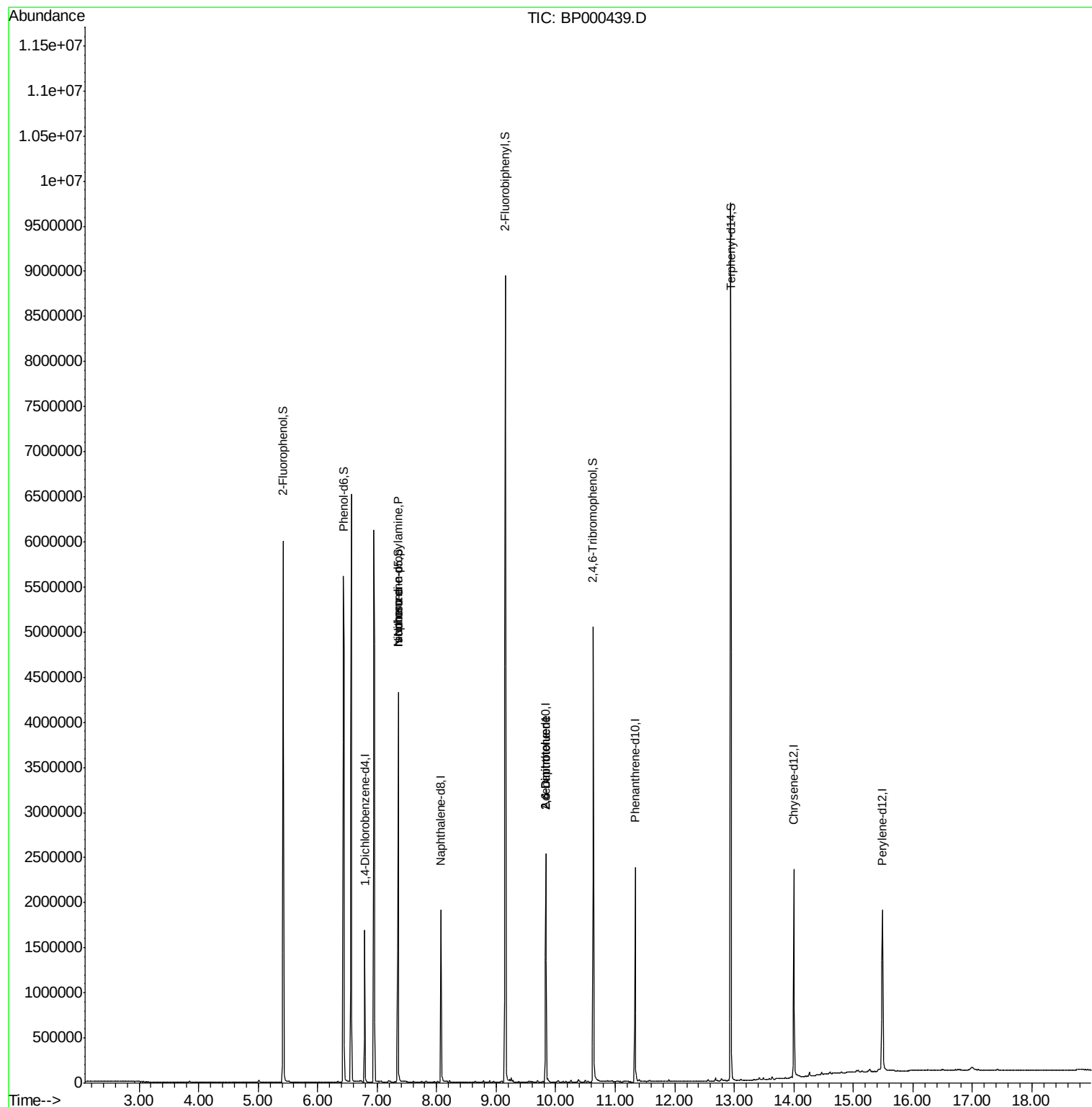
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	252406	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	902615	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	482737	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	884400	20.00	ng	0.00
76) Chrysene-d12	14.00	240	772792	20.00	ng	0.00
87) Perylene-d12	15.49	264	841518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1969514	134.71	ng	0.02
7) Phenol-d6	6.43	99	2490690	138.97	ng	0.01
23) Nitrobenzene-d5	7.35	82	1382937	98.85	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	701508	146.51	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2878753	107.33	ng	0.00
79) Terphenyl-d14	12.94	244	3440277	93.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	1284	Below Cal		95
19) n-Nitroso-di-n-propylamine	7.35	70	171790	18.130 ng	#	74
25) Isophorone	7.35	82	1382937	49.922 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	62958	8.706 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	63223	6.687 ng	#	35
69) Atrazine	11.03	200	1573	Below Cal		90

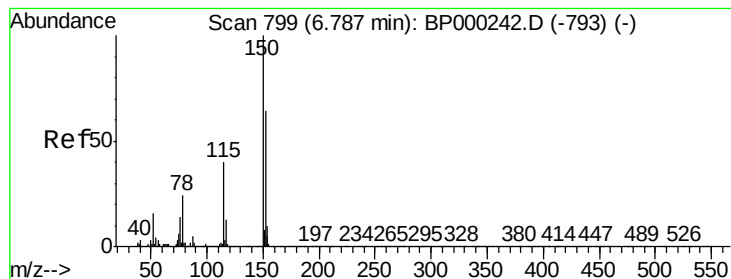
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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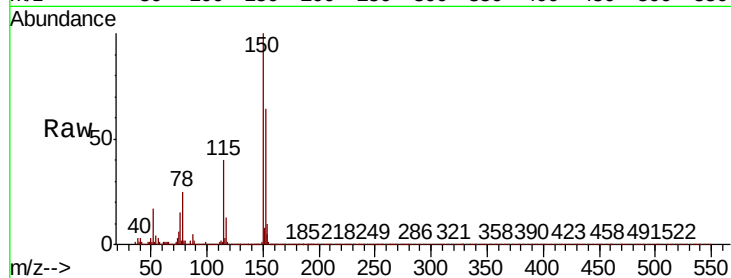


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000439.D
Acq: 26 Sep 2019 23:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.2	187.8
115	62.7	49.7	74.5

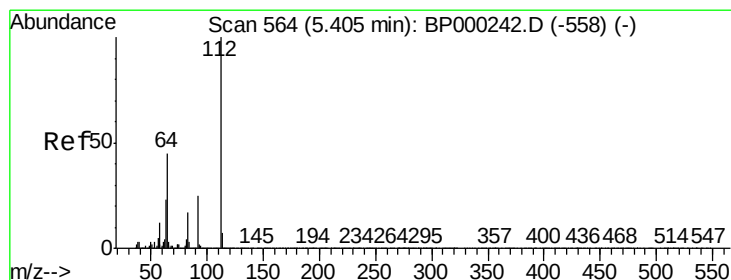
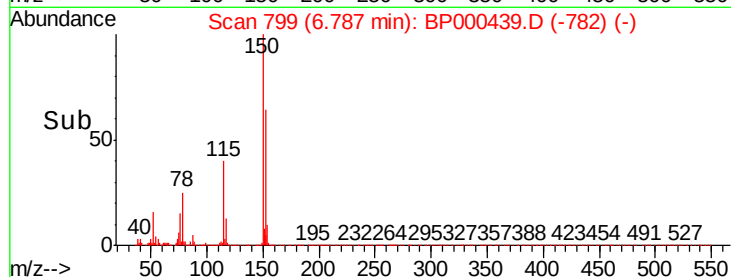
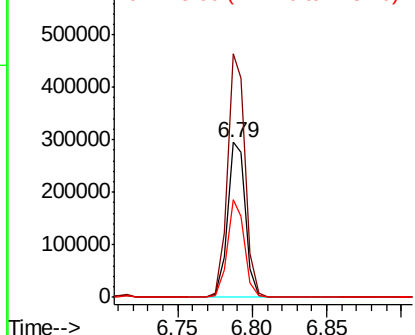


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

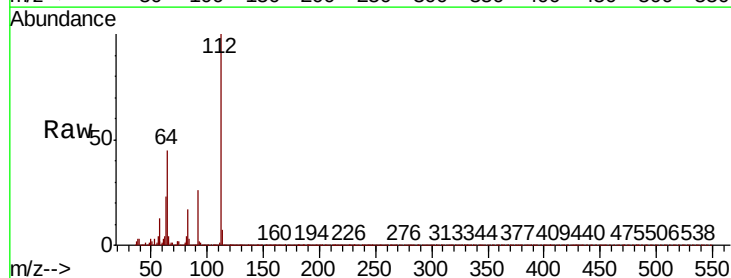
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.706 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000439.D
Acq: 26 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	36.2	54.4
63	23.2	18.3	27.5

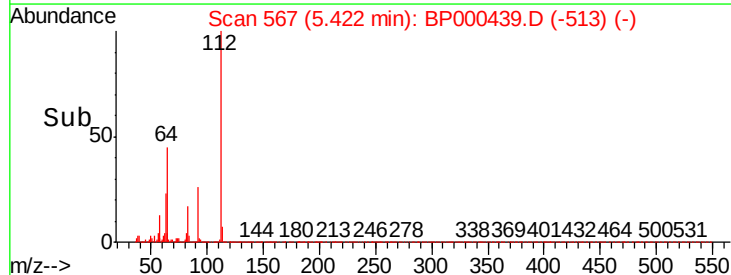
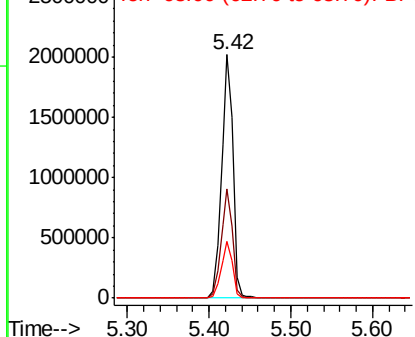


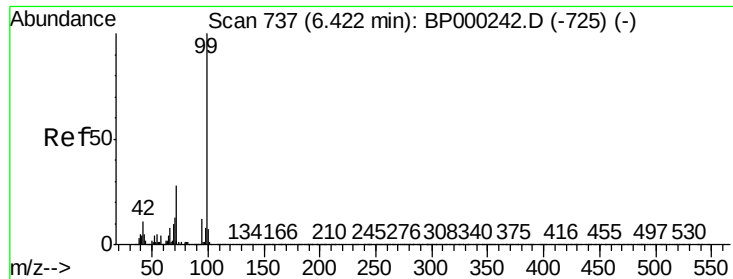
Abundance

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: 138.974 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000439.D

Acq: 26 Sep 2019 23:13

Instrument :

BNA_P

ClientSampled :

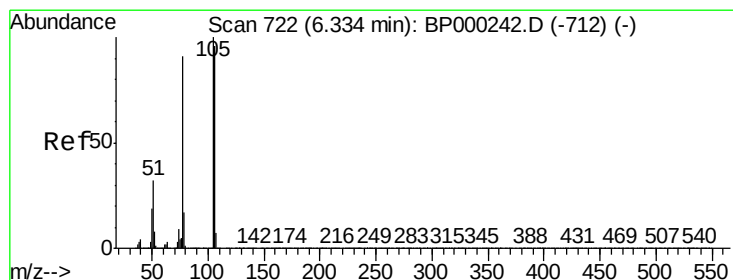
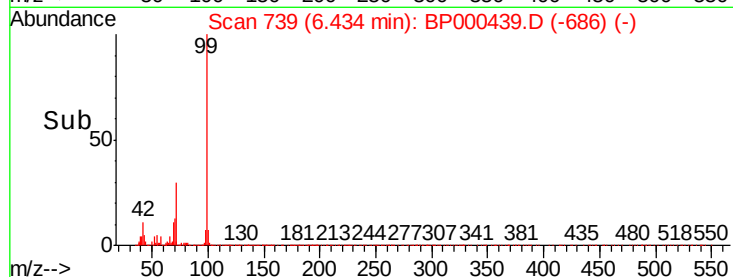
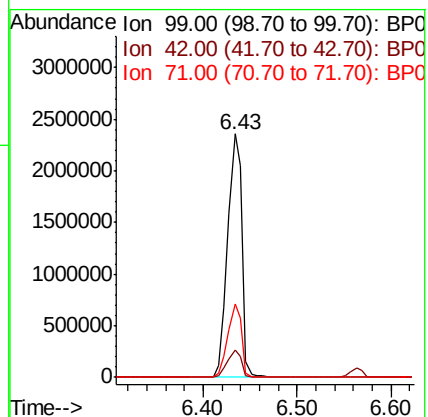
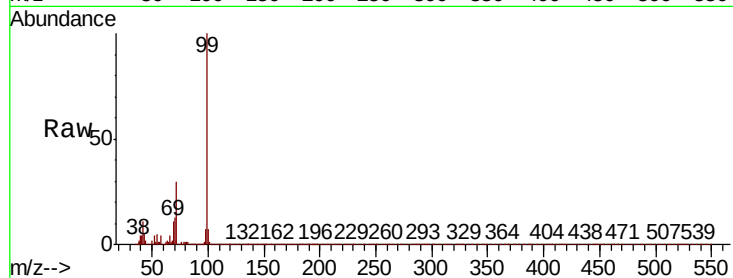
Tot Ion: 99 Resp: 2490690

Ion Ratio Lower Upper

99 100

42 11.2 8.5 12.7

71 30.3 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000439.D

Acq: 26 Sep 2019 23:13

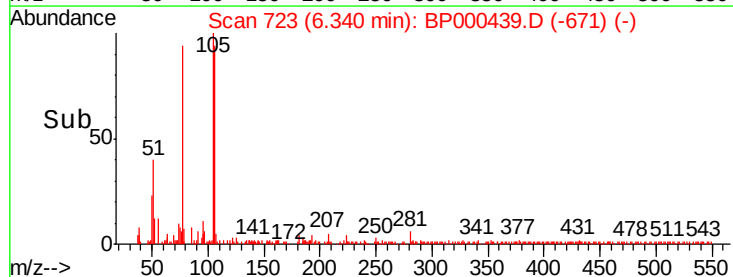
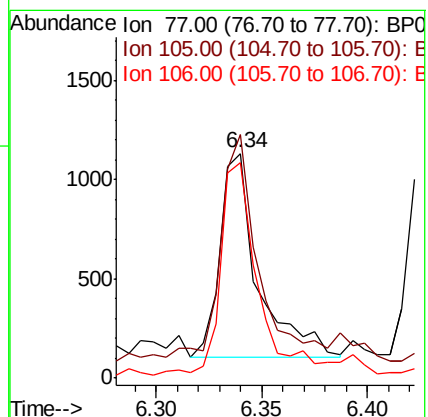
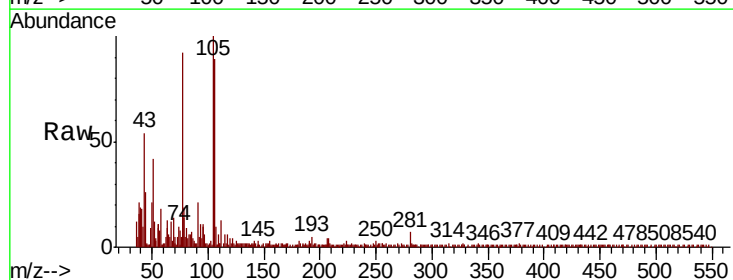
Tgt Ion: 77 Resp: 1284

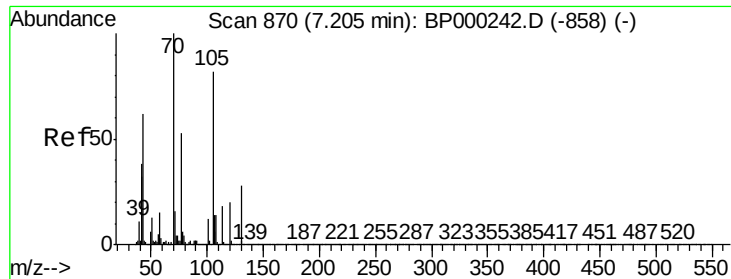
Ion Ratio Lower Upper

77 100

105 108.3 89.6 129.6

106 96.1 84.6 124.6

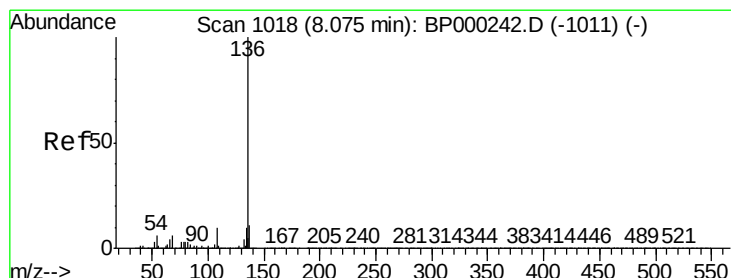
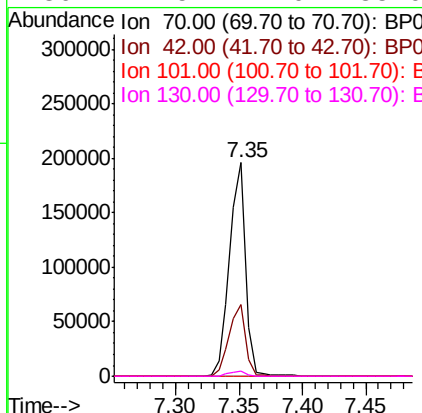
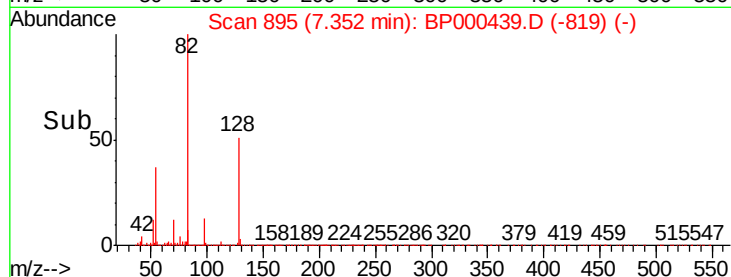
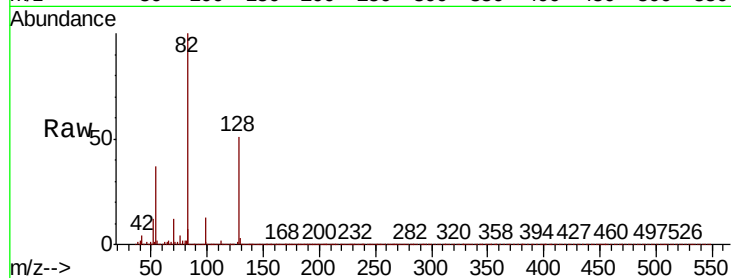




#19
n-Nitroso-di-n-propylamine
Concen: 18.130 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000439.D
Acq: 26 Sep 2019 23:13

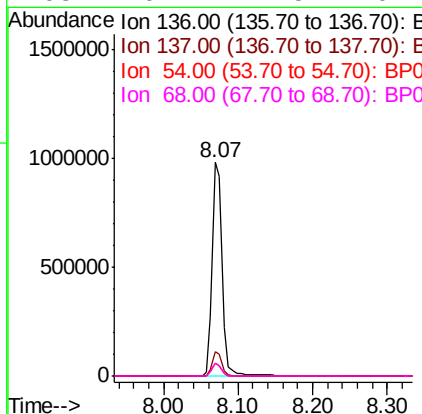
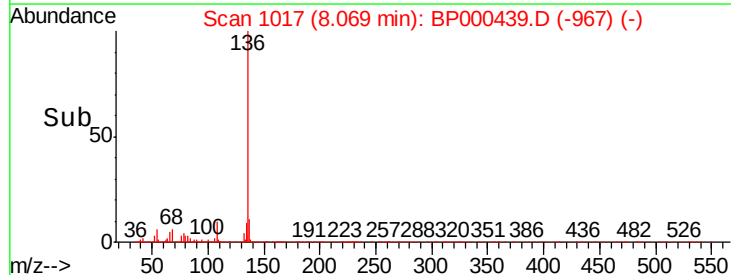
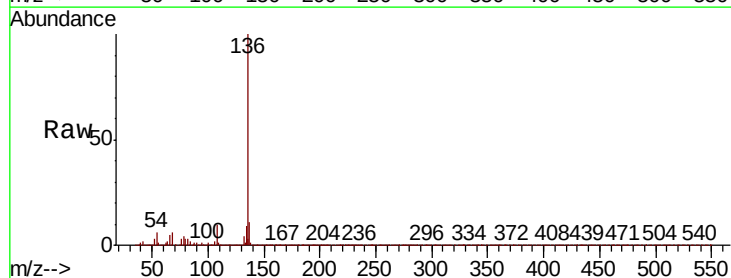
Instrument :
BNA_P
ClientSampled :

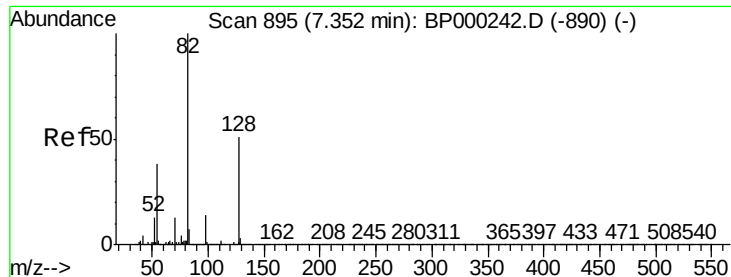
Tot Ion:	70	Resp:	171790
Ion	Ratio	Lower	Upper
70	100		
42	33.3	30.7	46.1
101	0.0	9.6	14.4#
130	2.5	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000439.D
Acq: 26 Sep 2019 23:13

Tgt Ion:	136	Resp:	902615
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.1	4.5	6.7
68	6.1	4.5	6.7

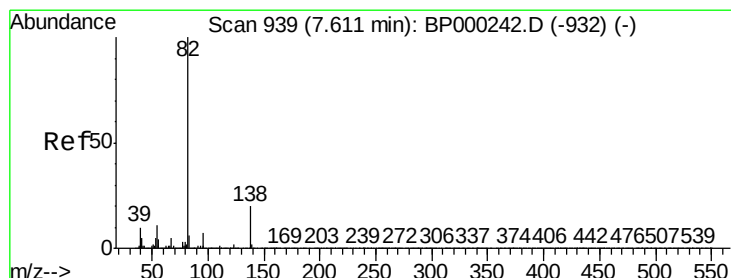
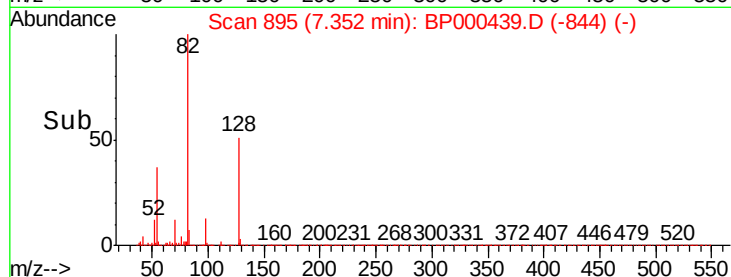
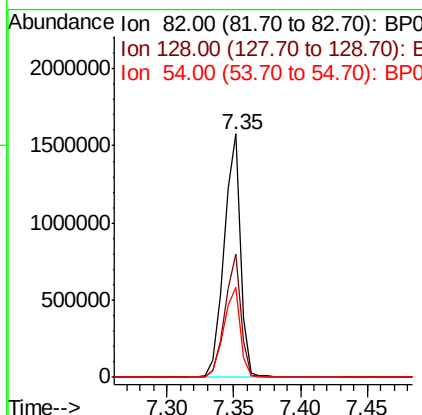
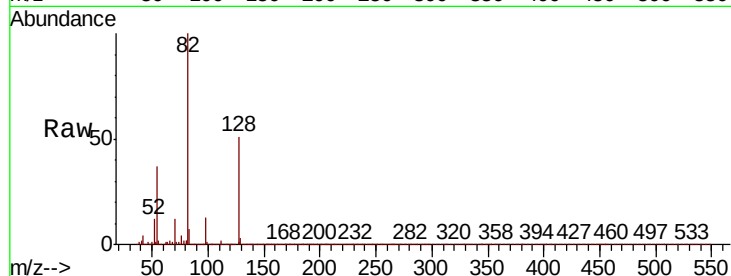




#23
 Nitrobenzene-d5
 Concen: 98.853 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000439.D
 Acq: 26 Sep 2019 23:13

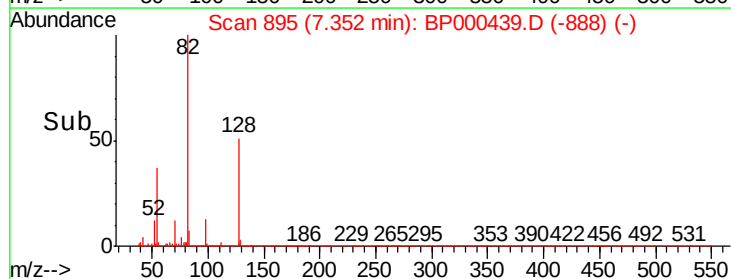
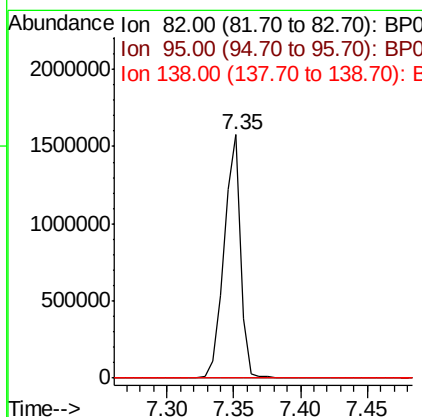
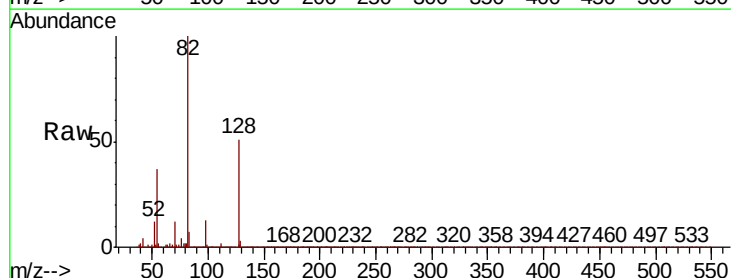
Instrument :
 BNA_P
 ClientSampleId :

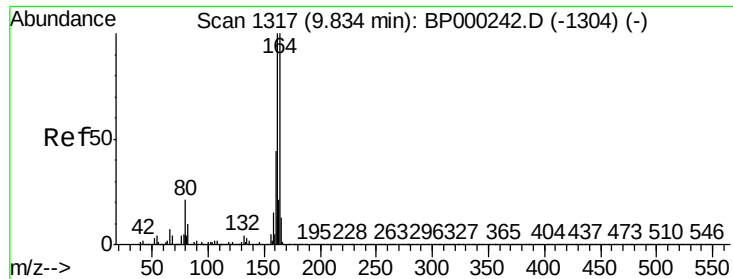
Tot Ion: 82 Resp: 1382937
 Ion Ratio Lower Upper
 82 100
 128 50.8 40.7 61.1
 54 37.2 30.1 45.1



#25
 Isophorone
 Concen: 49.922 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.26 min
 Lab File: BP000439.D
 Acq: 26 Sep 2019 23:13

Tgt Ion: 82 Resp: 1382937
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.9 8.9#
 138 0.0 15.9 23.9#

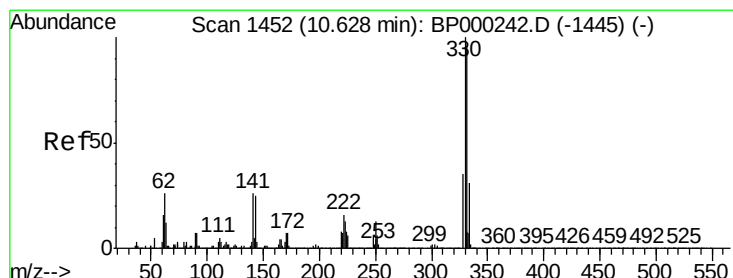
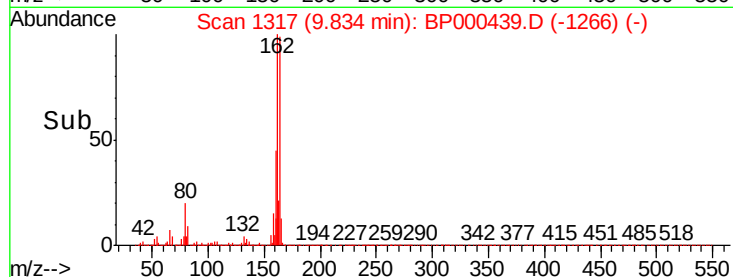
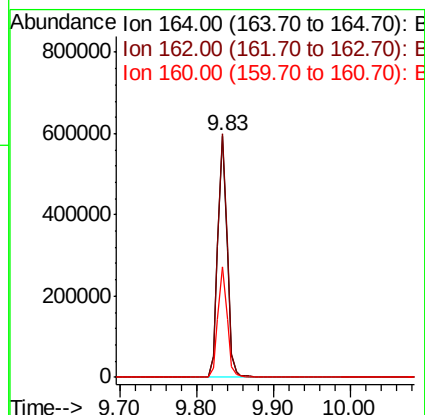
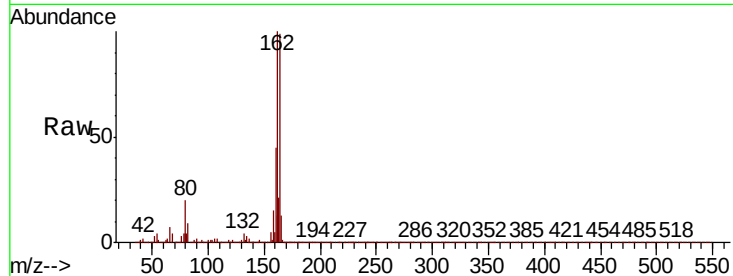




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000439.D
Acq: 26 Sep 2019 23:13

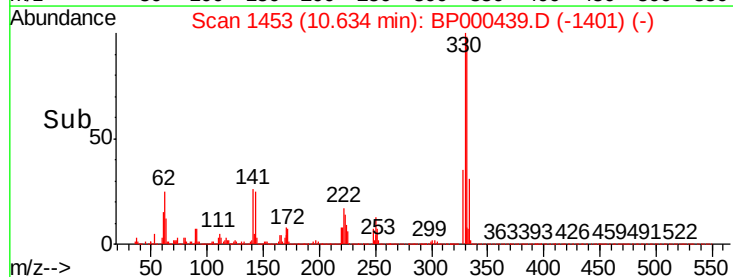
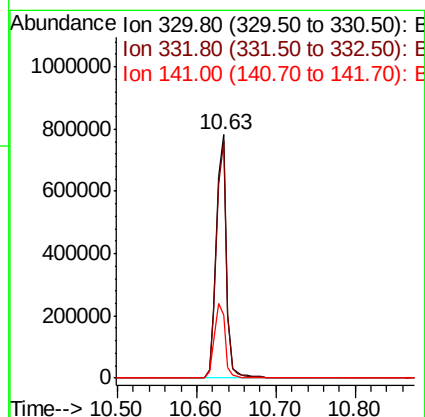
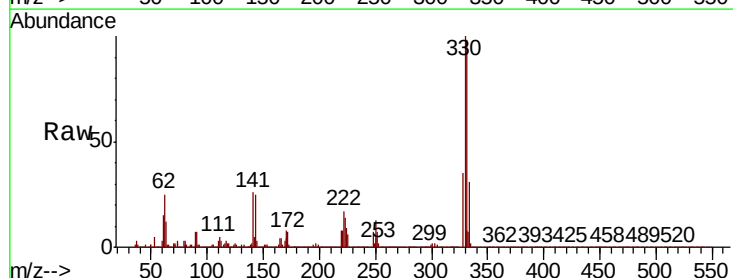
Instrument :
BNA_P
ClientSampleId :

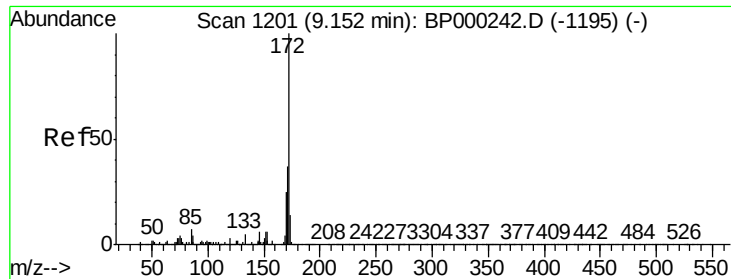
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.9	119.9
160	45.8	35.6	53.4



#42
2,4,6-Tribromophenol
Concen: 146.511 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000439.D
Acq: 26 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	32.6	26.5	39.7

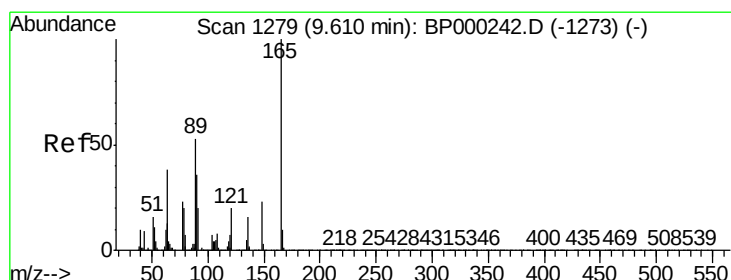
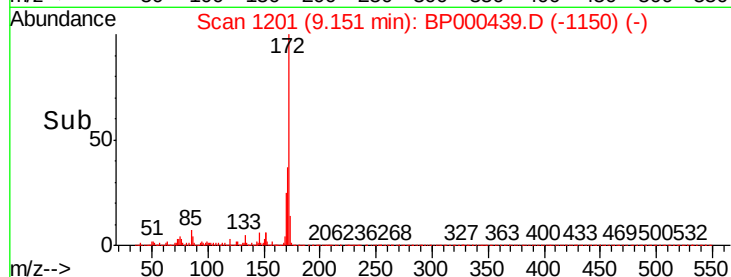
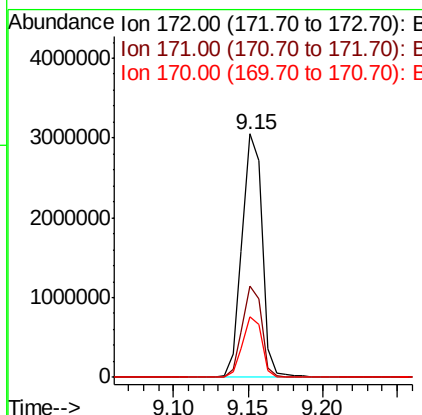
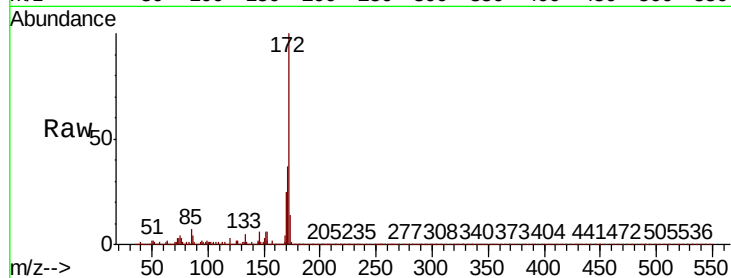




#45
2-Fluorobiphenyl
Concen: 107.330 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000439.D
Acq: 26 Sep 2019 23:13

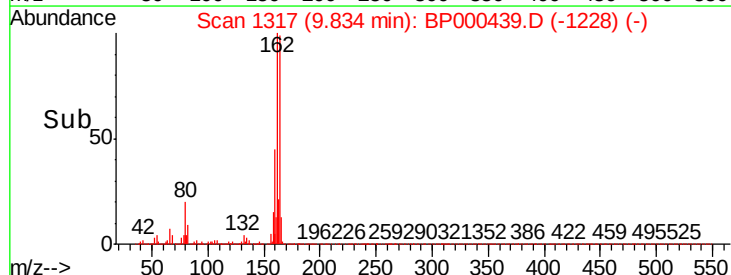
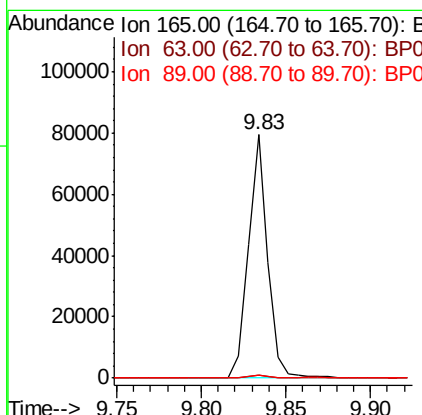
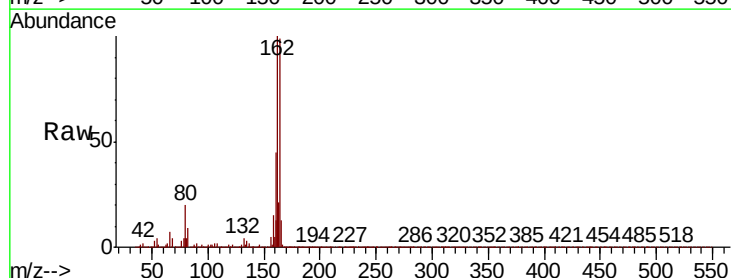
Instrument :
BNA_P
ClientSampleId :

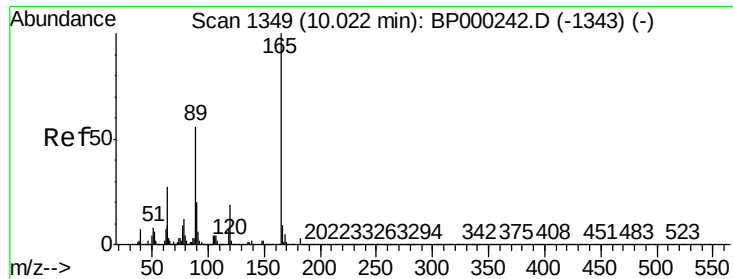
Tot Ion:172 Resp: 2878753
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.9 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.706 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.22 min
Lab File: BP000439.D
Acq: 26 Sep 2019 23:13

Tgt Ion:165 Resp: 62958
Ion Ratio Lower Upper
165 100
63 1.0 35.8 53.8#
89 1.3 42.6 63.8#

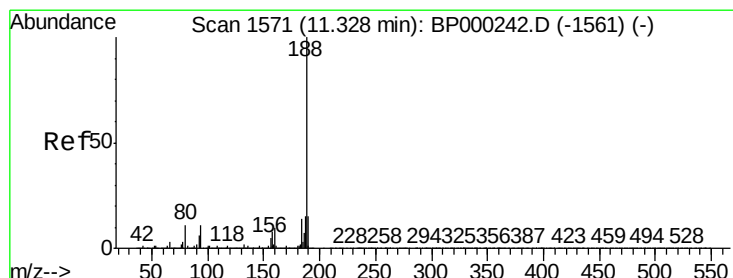
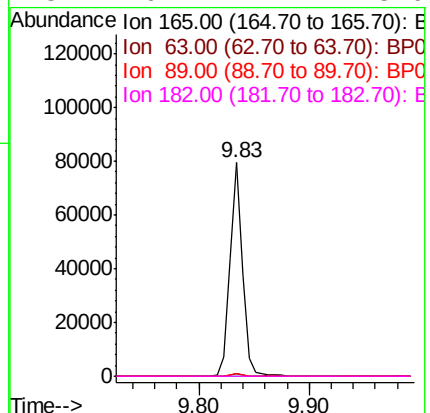
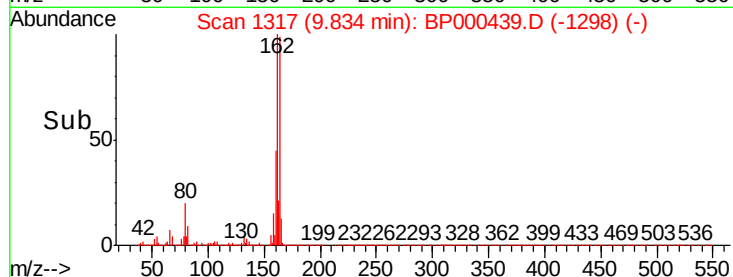
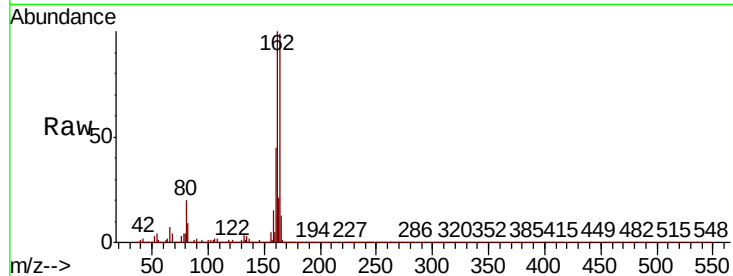




#57
 2,4-Dinitrotoluene
 Concen: 6.687 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BP000439.D
 Acq: 26 Sep 2019 23:13

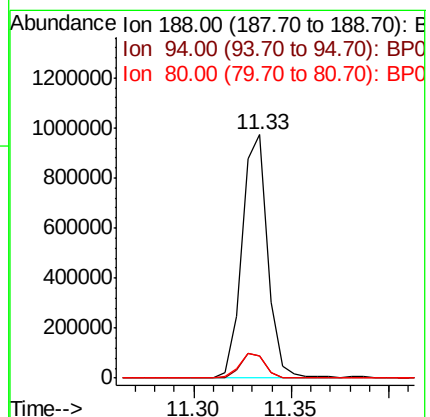
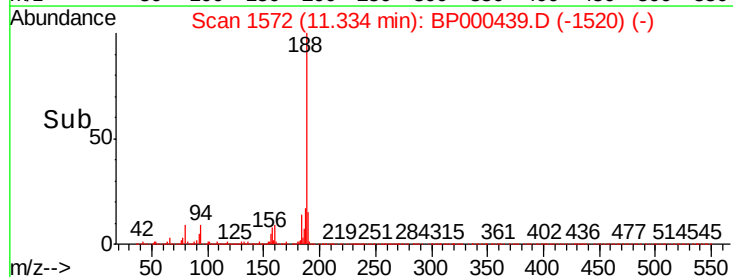
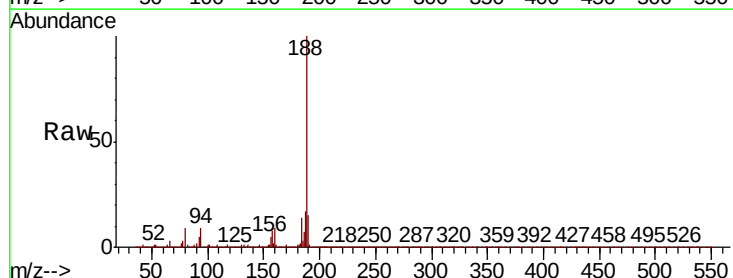
Instrument :
 BNA_P
 ClientSampleId :

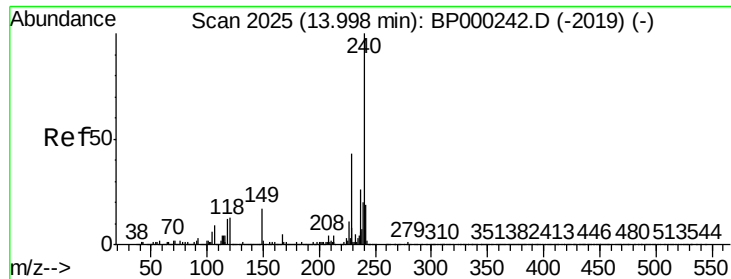
Tot Ion:165 Resp: 63223
 Ion Ratio Lower Upper
 165 100
 63 1.0 21.7 32.5#
 89 1.3 45.0 67.6#
 182 0.1 2.4 3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BP000439.D
 Acq: 26 Sep 2019 23:13

Tgt Ion:188 Resp: 884400
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.5 12.7
 80 9.3 8.6 13.0

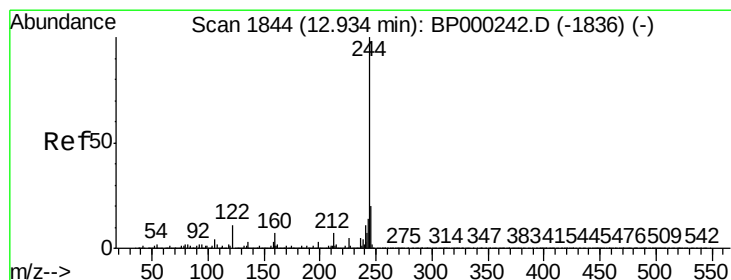
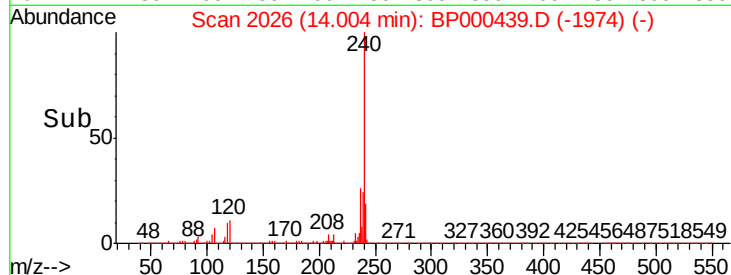
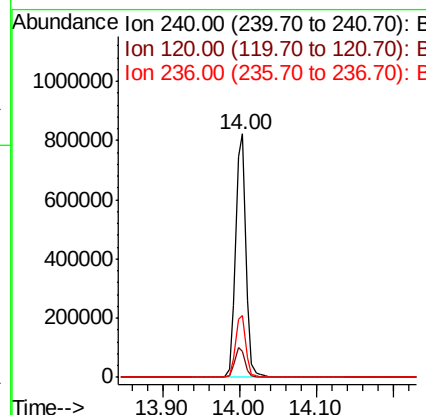
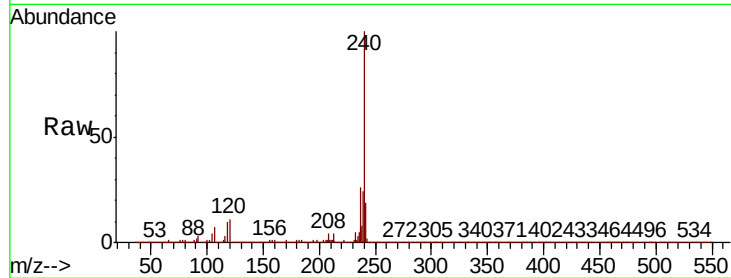




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BP000439.D
 Acq: 26 Sep 2019 23:13

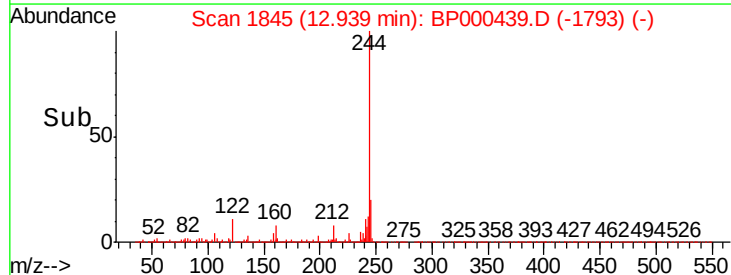
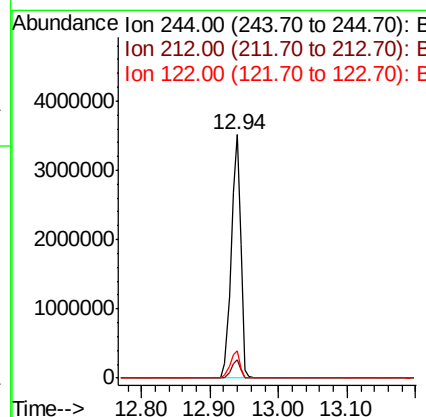
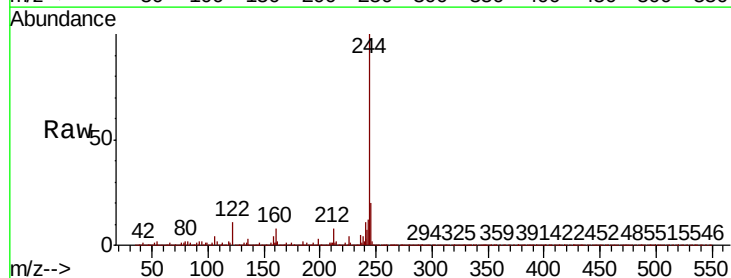
Instrument :
 BNA_P
 ClientSampled :

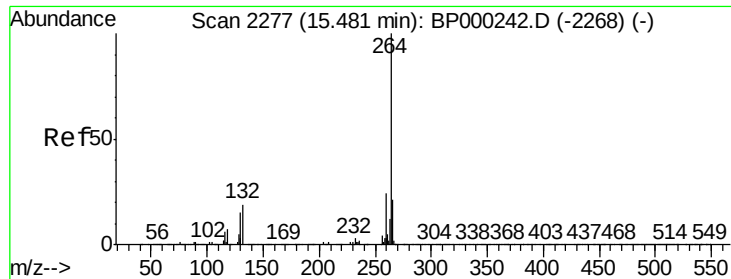
Tot Ion:240 Resp: 772792
 Ion Ratio Lower Upper
 240 100
 120 10.8 10.4 15.6
 236 25.5 21.0 31.6



#79
 Terphenyl-d14
 Concen: 93.391 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000439.D
 Acq: 26 Sep 2019 23:13

Tgt Ion:244 Resp: 3440277
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 11.1 9.0 13.4

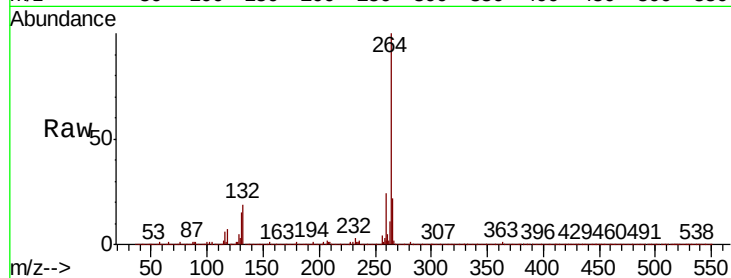




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000439.D
Acq: 26 Sep 2019 23:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.5	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

