

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092519\
 Data File : BP000407.D
 Acq On : 25 Sep 2019 14:04
 Operator : JU
 Sample : K4997-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 25 23:28:15 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

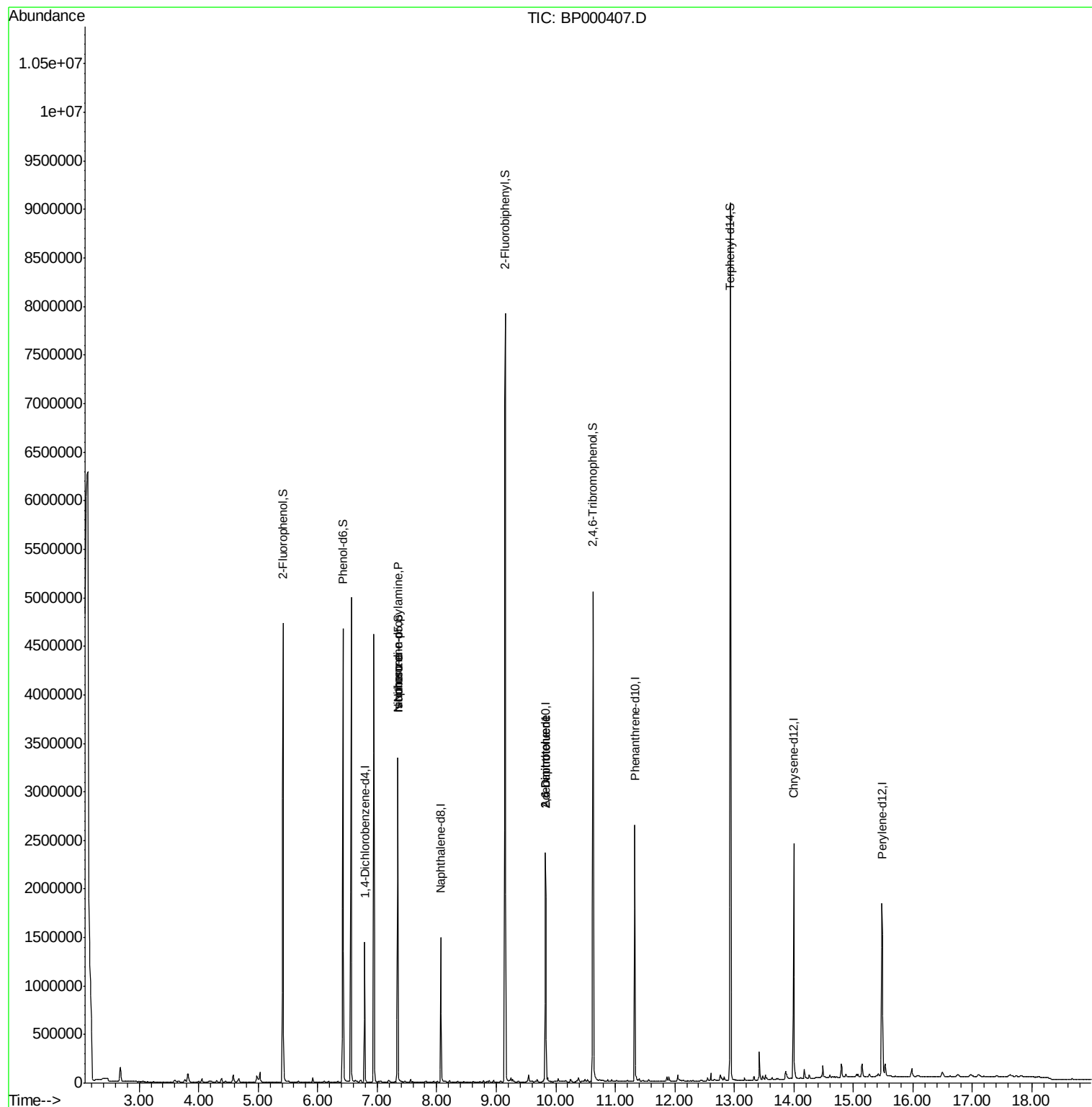
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	200281	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	616183	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	463848	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	882654	20.00	ng	0.00
76) Chrysene-d12	14.00	240	773607	20.00	ng	0.00
87) Perylene-d12	15.48	264	817780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1510207	130.17	ng	0.01
7) Phenol-d6	6.43	99	1761056	123.84	ng	0.00
23) Nitrobenzene-d5	7.35	82	1003522	105.08	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	683452	148.55	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2501000	97.04	ng	0.00
79) Terphenyl-d14	12.93	244	3215630	87.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.34	77	1325	Below Cal		Qvalue 96
19) n-Nitroso-di-n-propylamine	7.35	70	125352	16.672 ng	#	76
25) Isophorone	7.35	82	1003525	53.066 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	60871	8.760 ng	#	29
57) 2,4-Dinitrotoluene	9.83	165	61026	6.718 ng	#	35
69) Atrazine	11.02	200	1986	Below Cal		96

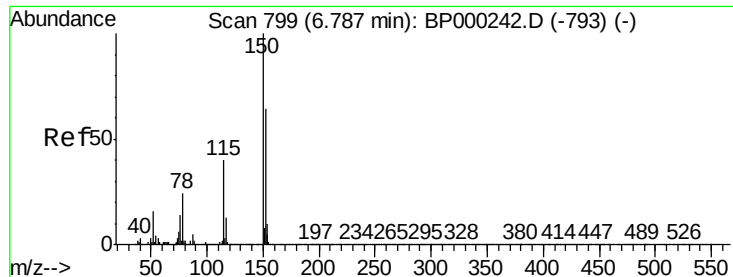
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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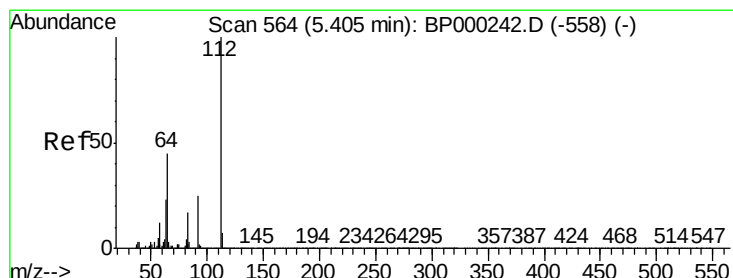
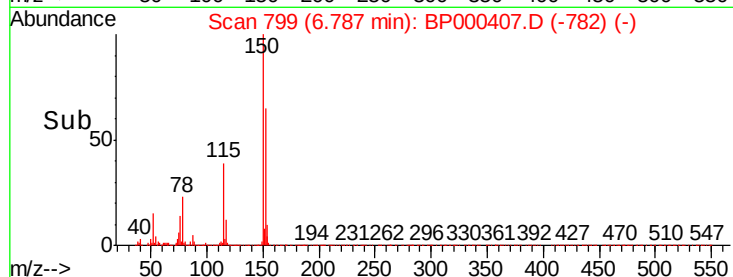
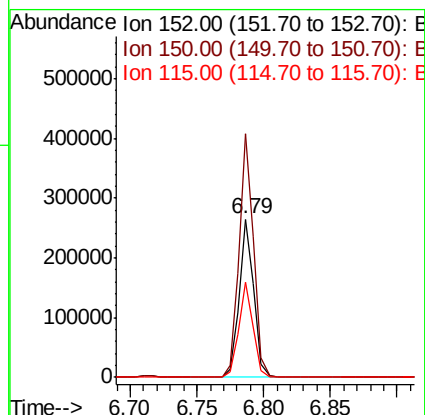
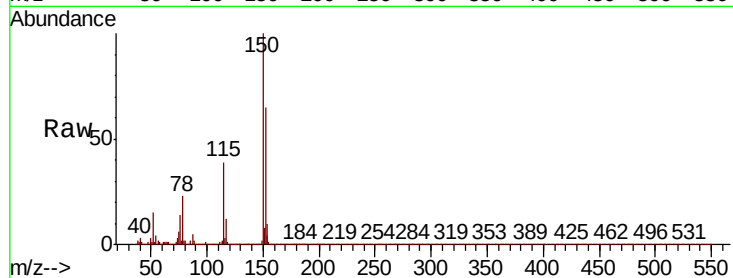


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Instrument :
BNA_P
ClientSampled :

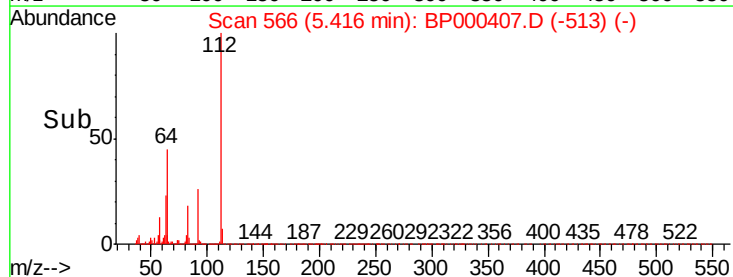
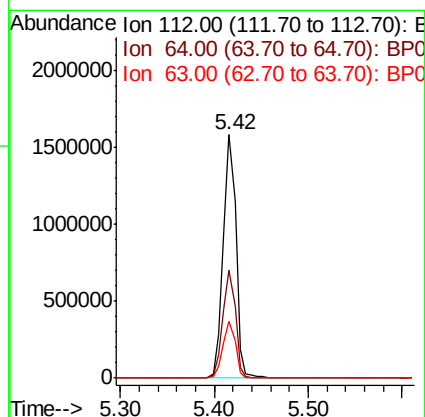
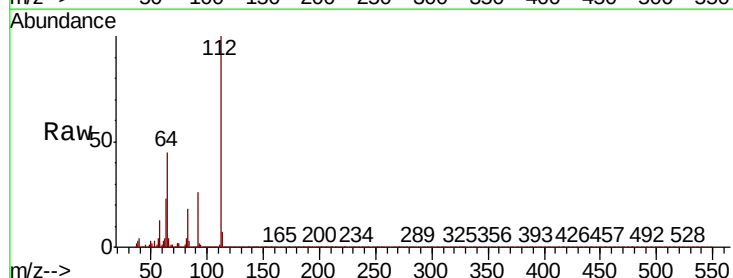
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.2	187.8
115	60.1	49.7	74.5

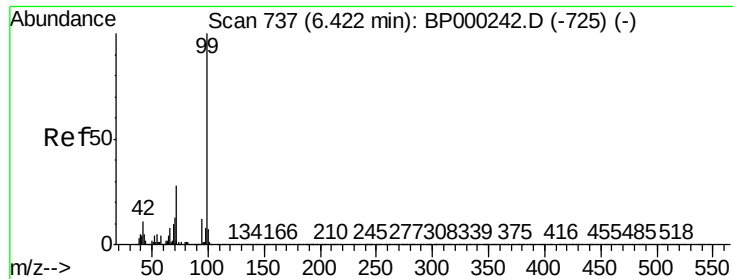


#5

2-Fluorophenol
Concen: 130.174 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.5	36.2	54.4
63	23.2	18.3	27.5





#7

Phenol-d6

Concen: 123.836 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000407.D

Acq: 25 Sep 2019 14:04

Instrument :

BNA_P

ClientSampled :

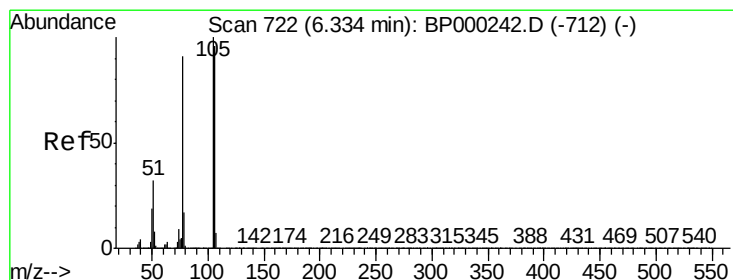
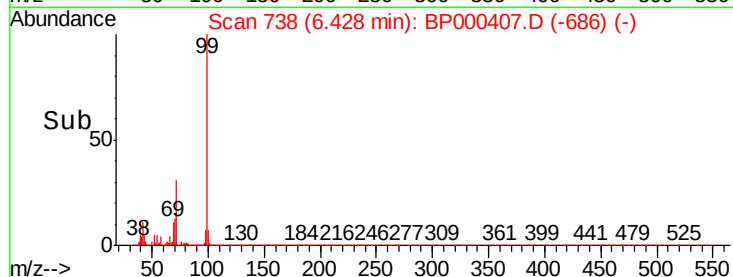
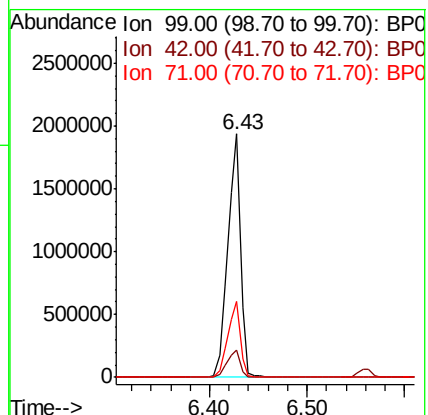
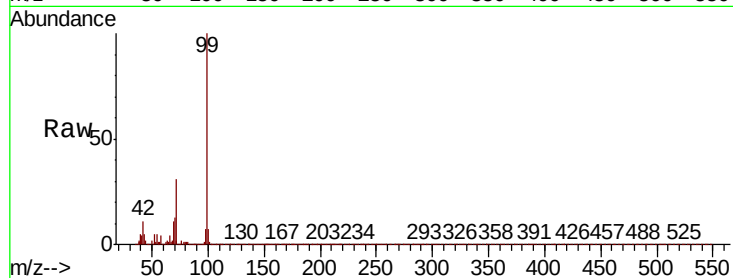
Tot Ion: 99 Resp: 1761056

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

71 31.0 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000407.D

Acq: 25 Sep 2019 14:04

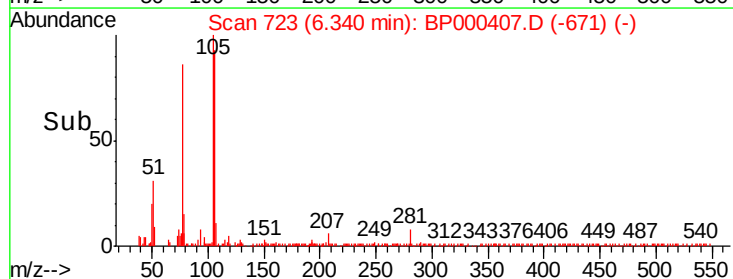
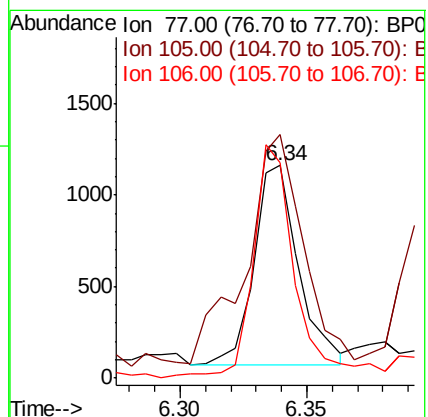
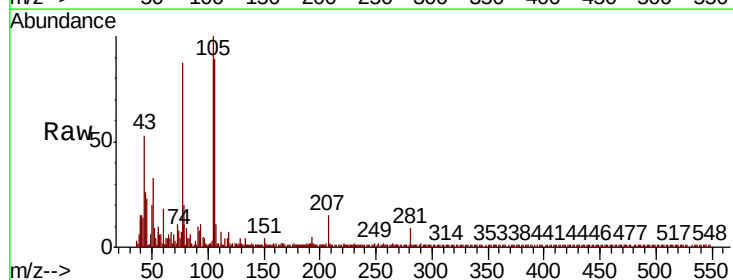
Tgt Ion: 77 Resp: 1325

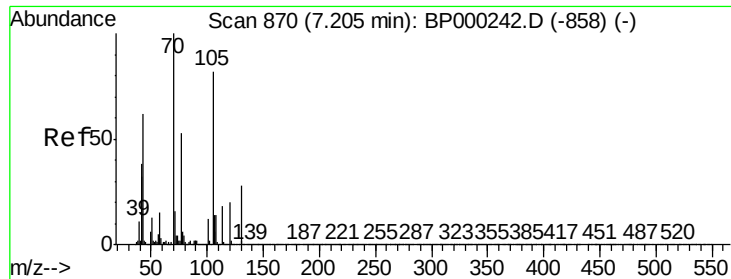
Ion Ratio Lower Upper

77 100

105 114.6 89.6 129.6

106 101.6 84.6 124.6

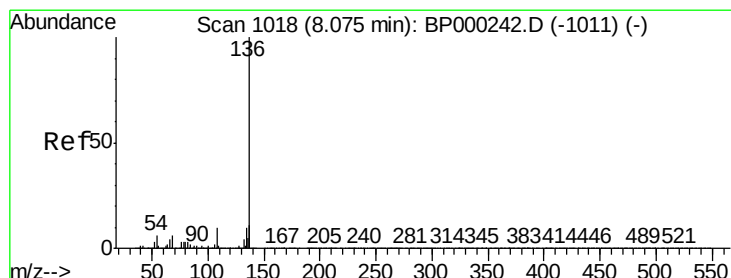
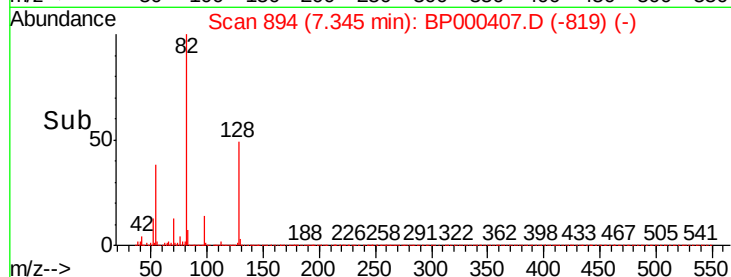
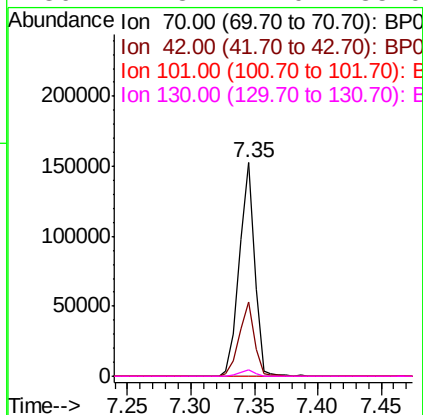
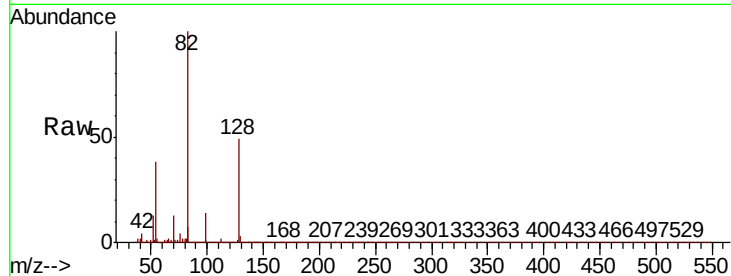




#19
n-Nitroso-di-n-propylamine
Concen: 16.672 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

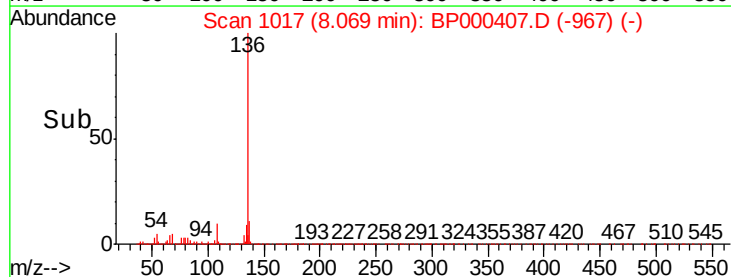
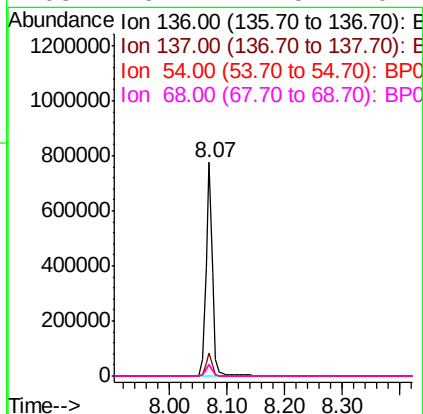
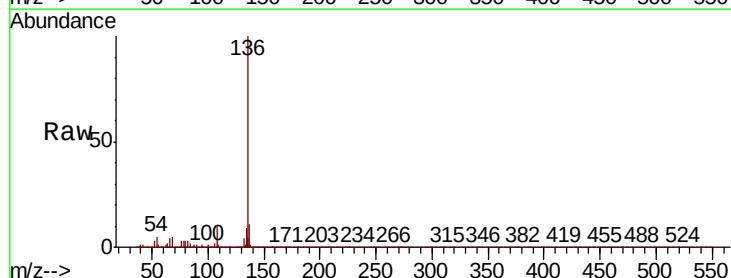
Instrument :
BNA_P
ClientSampleId :

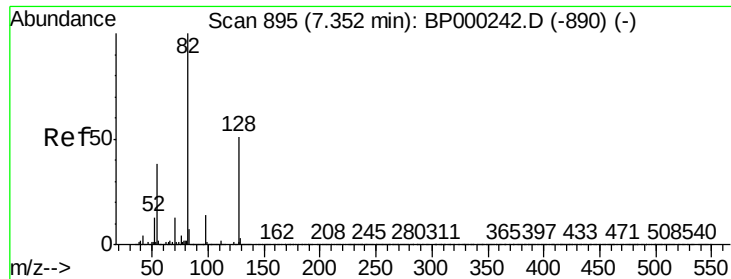
Tot Ion:	70	Resp:	125352
Ion	Ratio	Lower	Upper
70	100		
42	34.9	30.7	46.1
101	0.0	9.6	14.4#
130	2.8	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:	136	Resp:	616183
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.5	4.5	6.7
68	5.2	4.5	6.7

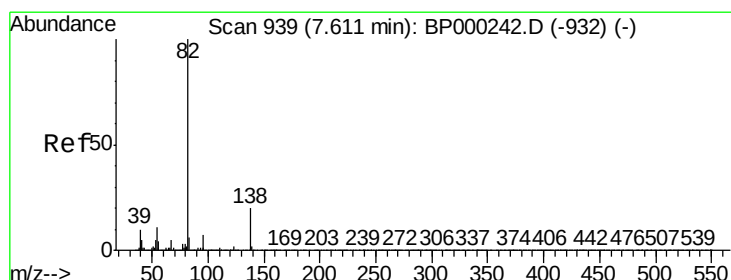
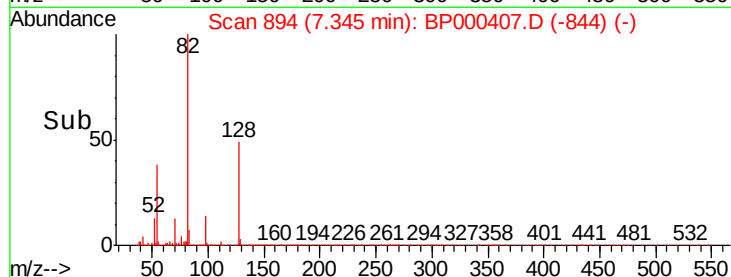
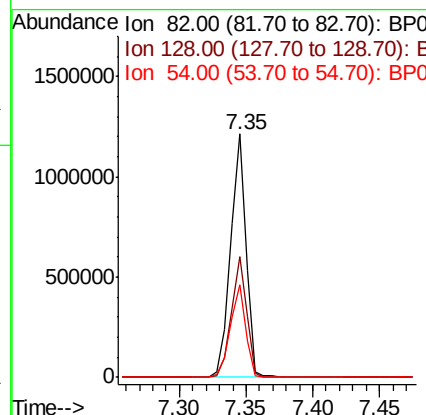
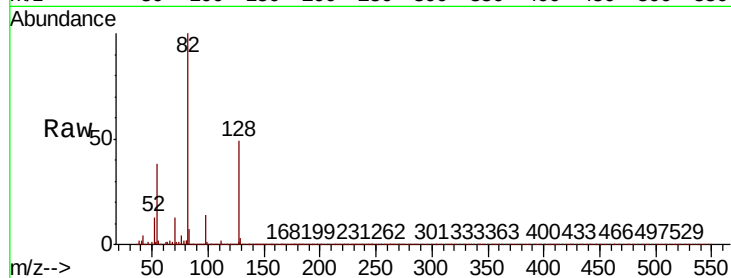




#23
 Nitrobenzene-d5
 Concen: 105.077 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000407.D
 Acq: 25 Sep 2019 14:04

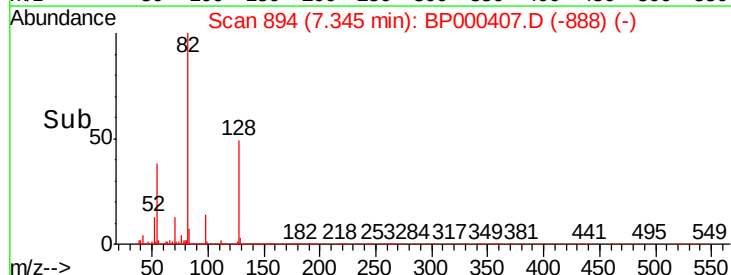
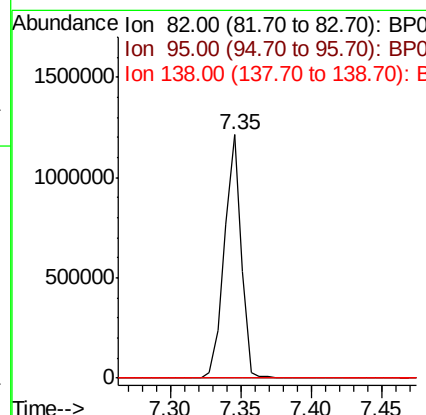
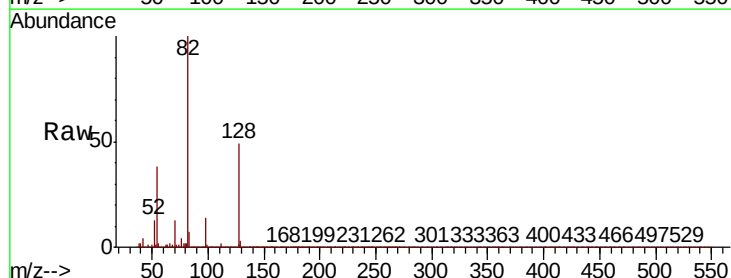
Instrument :
 BNA_P
 ClientSampleId :

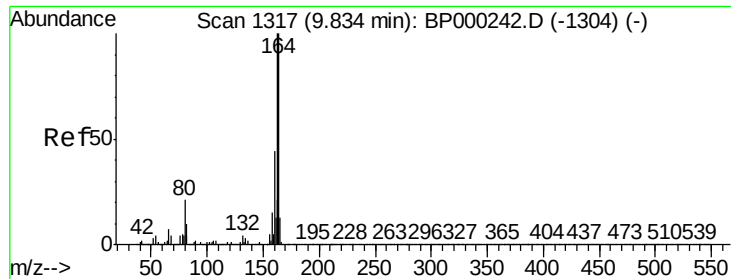
Tot Ion: 82 Resp: 1003522
 Ion Ratio Lower Upper
 82 100
 128 49.4 40.7 61.1
 54 37.9 30.1 45.1



#25
 Isophorone
 Concen: 53.066 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.27 min
 Lab File: BP000407.D
 Acq: 25 Sep 2019 14:04

Tgt Ion: 82 Resp: 1003525
 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# 1316

Delta R.T. -0.01 min

Lab File: BP000407.D

Acq: 25 Sep 2019 14:04

Instrument :

BNA_P

ClientSampleId :

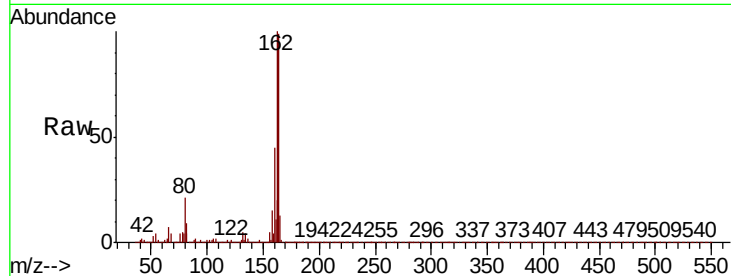
Tot Ion:164 Resp: 463848

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

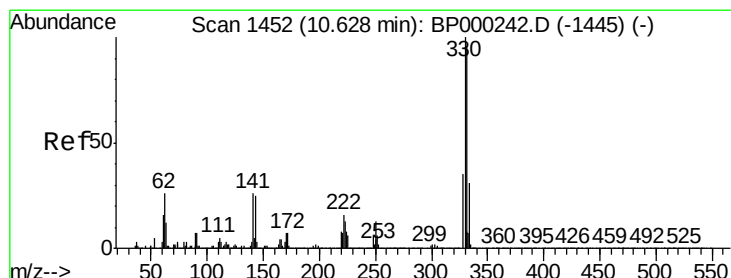
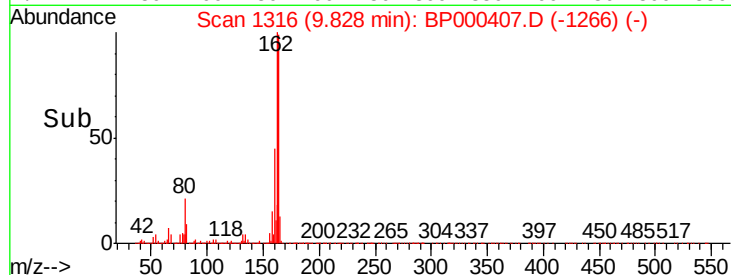
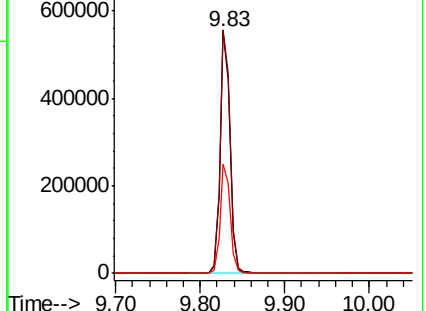
160 45.3 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 148.552 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000407.D

Acq: 25 Sep 2019 14:04

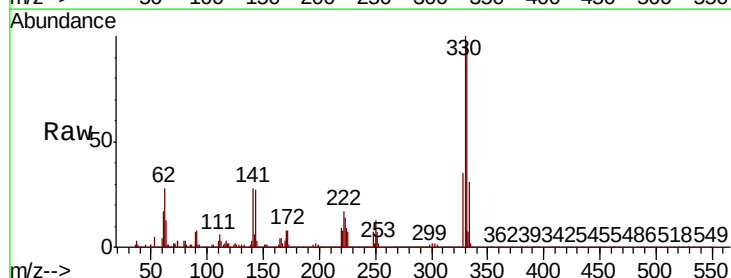
Tgt Ion:330 Resp: 683452

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

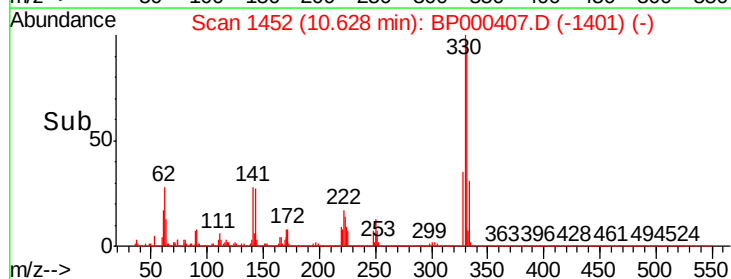
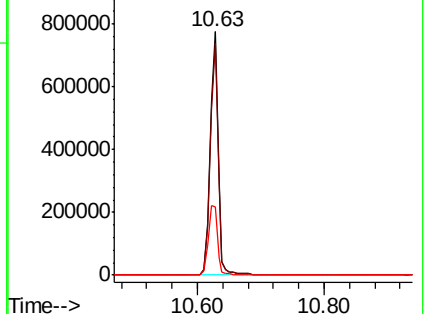
141 32.8 26.5 39.7

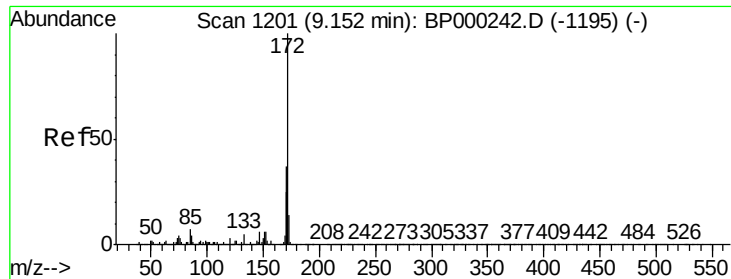


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

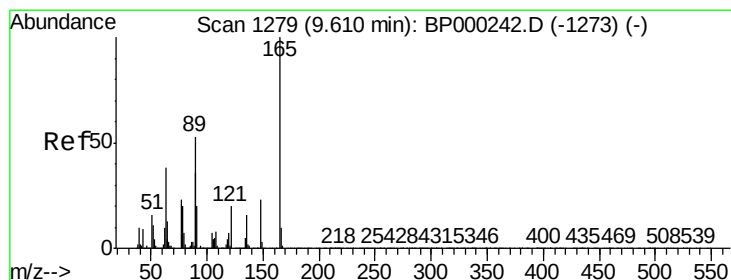
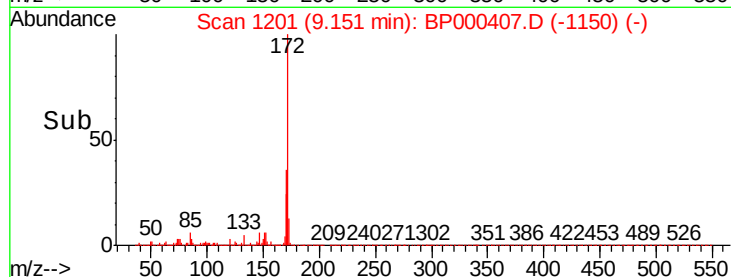
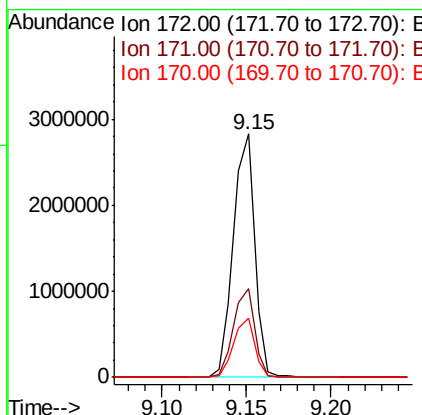
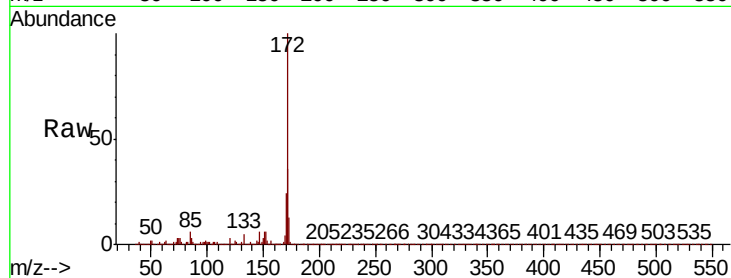




#45
2-Fluorobiphenyl
Concen: 97.043 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

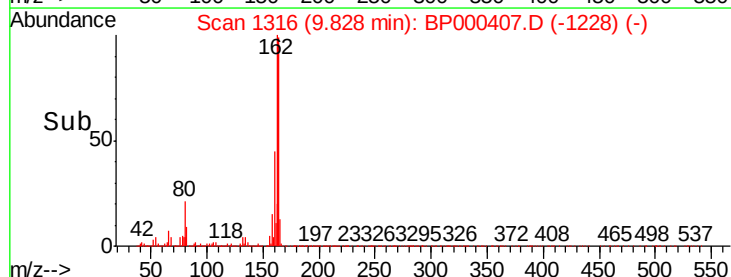
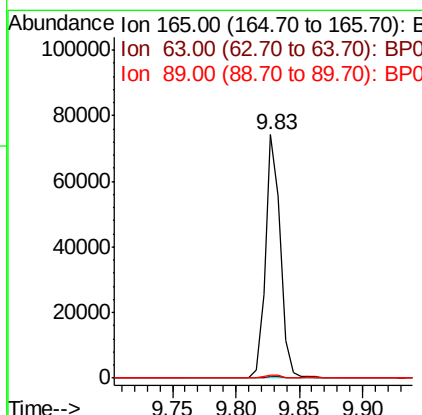
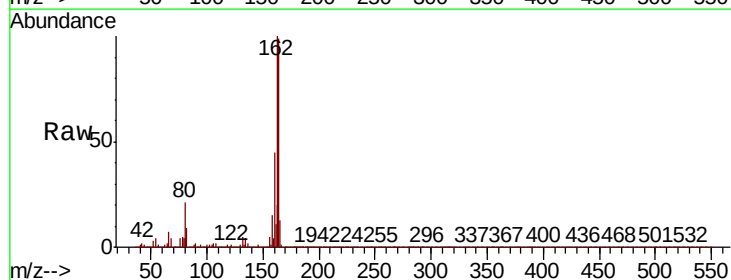
Instrument :
BNA_P
ClientSampleId :

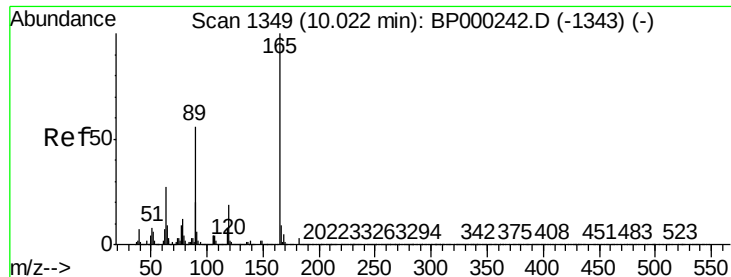
Tot Ion:172 Resp: 2501000
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.5 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.760 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.22 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:165 Resp: 60871
Ion Ratio Lower Upper
165 100
63 0.8 35.8 53.8#
89 1.1 42.6 63.8#

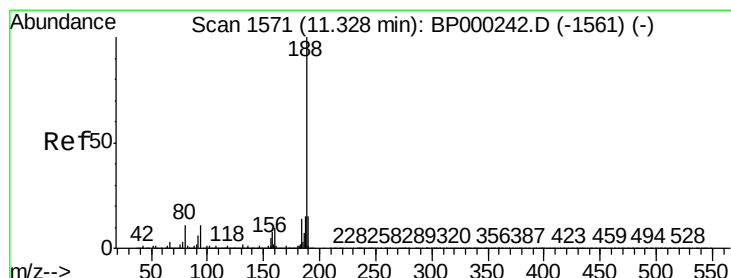
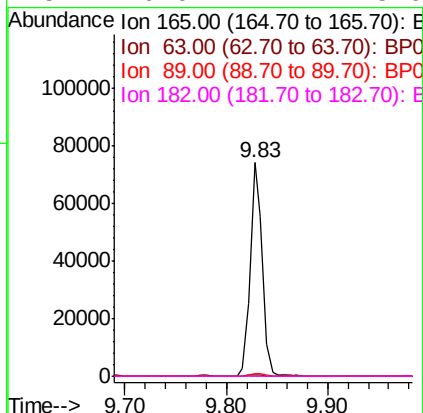
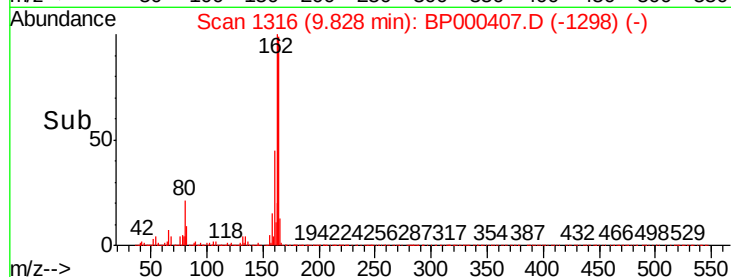
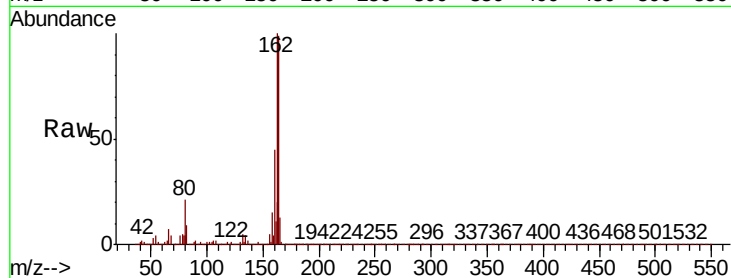




#57
2,4-Dinitrotoluene
Concen: 6.718 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

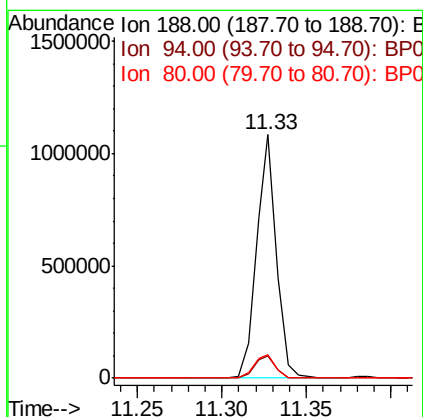
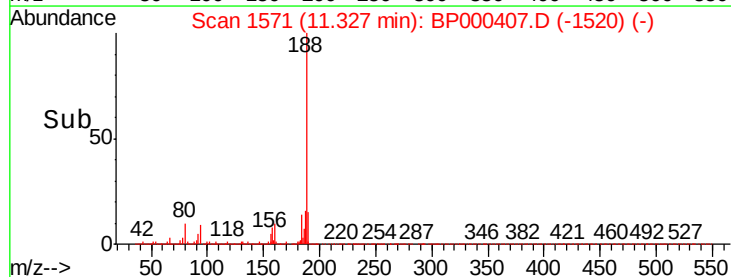
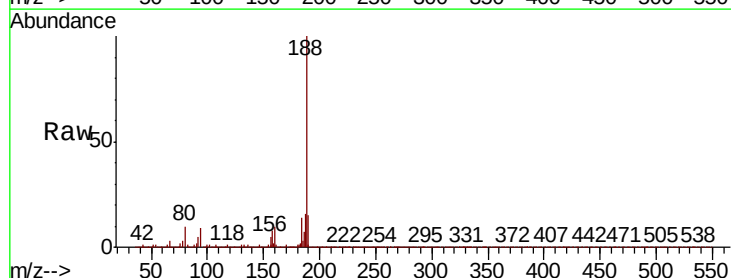
Instrument :
BNA_P
ClientSampleId :

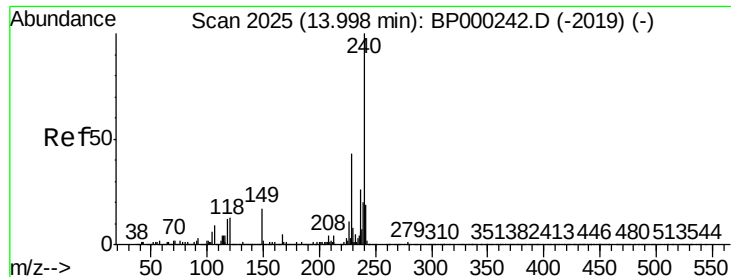
Tot Ion:165 Resp: 61026
Ion Ratio Lower Upper
165 100
63 0.8 21.7 32.5#
89 1.1 45.0 67.6#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Tgt Ion:188 Resp: 882654
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.7 8.6 13.0

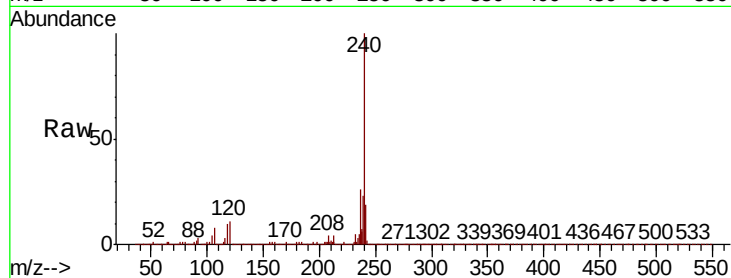




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BP000407.D
 Acq: 25 Sep 2019 14:04

Instrument :
 BNA_P
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.4	15.6
236	26.2	21.0	31.6

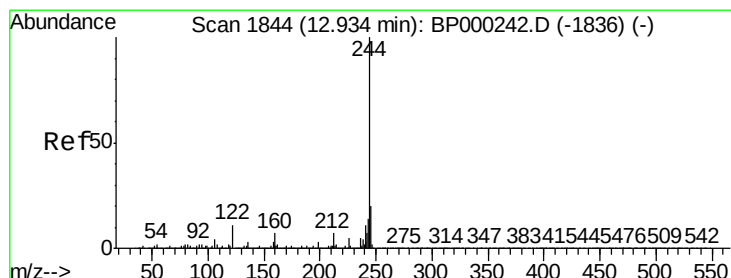
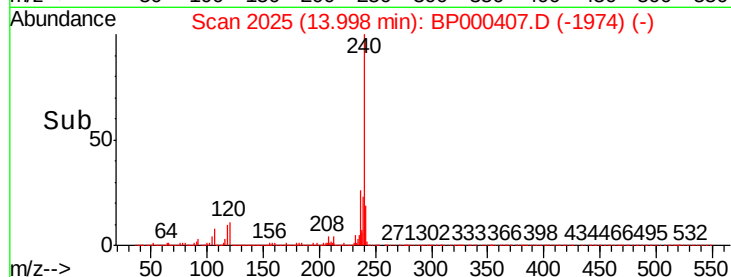
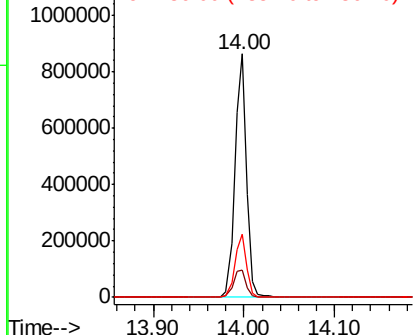


Abundance

Ion 240.00 (239.70 to 240.70): E

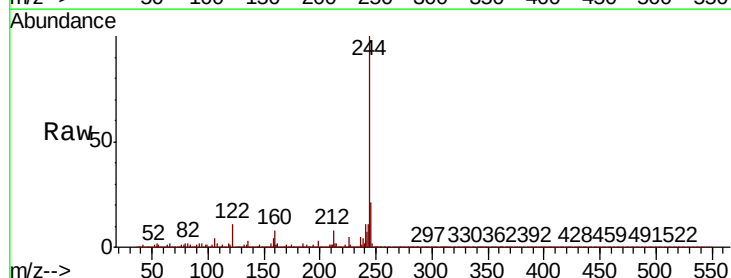
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 87.201 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BP000407.D
 Acq: 25 Sep 2019 14:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	11.5	9.0	13.4

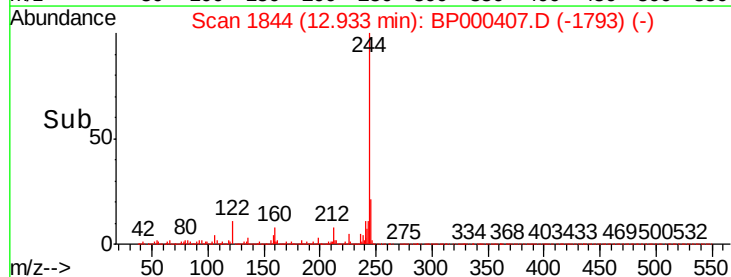
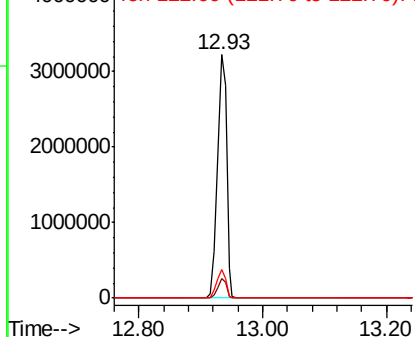


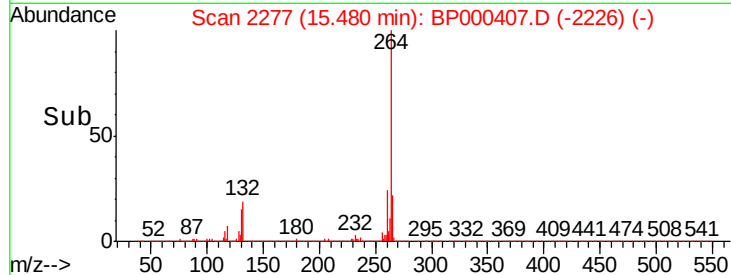
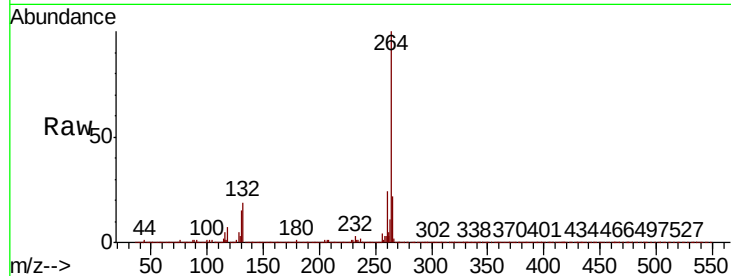
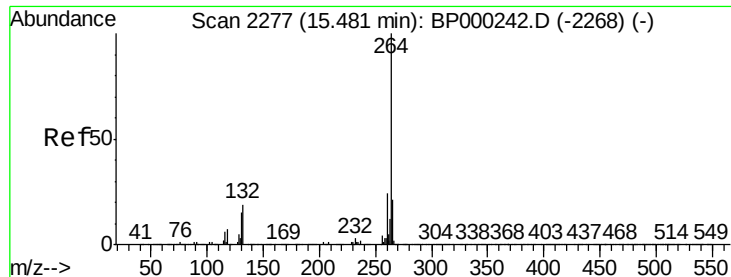
Abundance

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: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BP000407.D
Acq: 25 Sep 2019 14:04

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	264	Resp:	817780
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.7	17.2	25.8

