

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000418.D
 Acq On : 26 Sep 2019 13:32
 Operator : JU
 Sample : PB123395BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 00:10:25 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

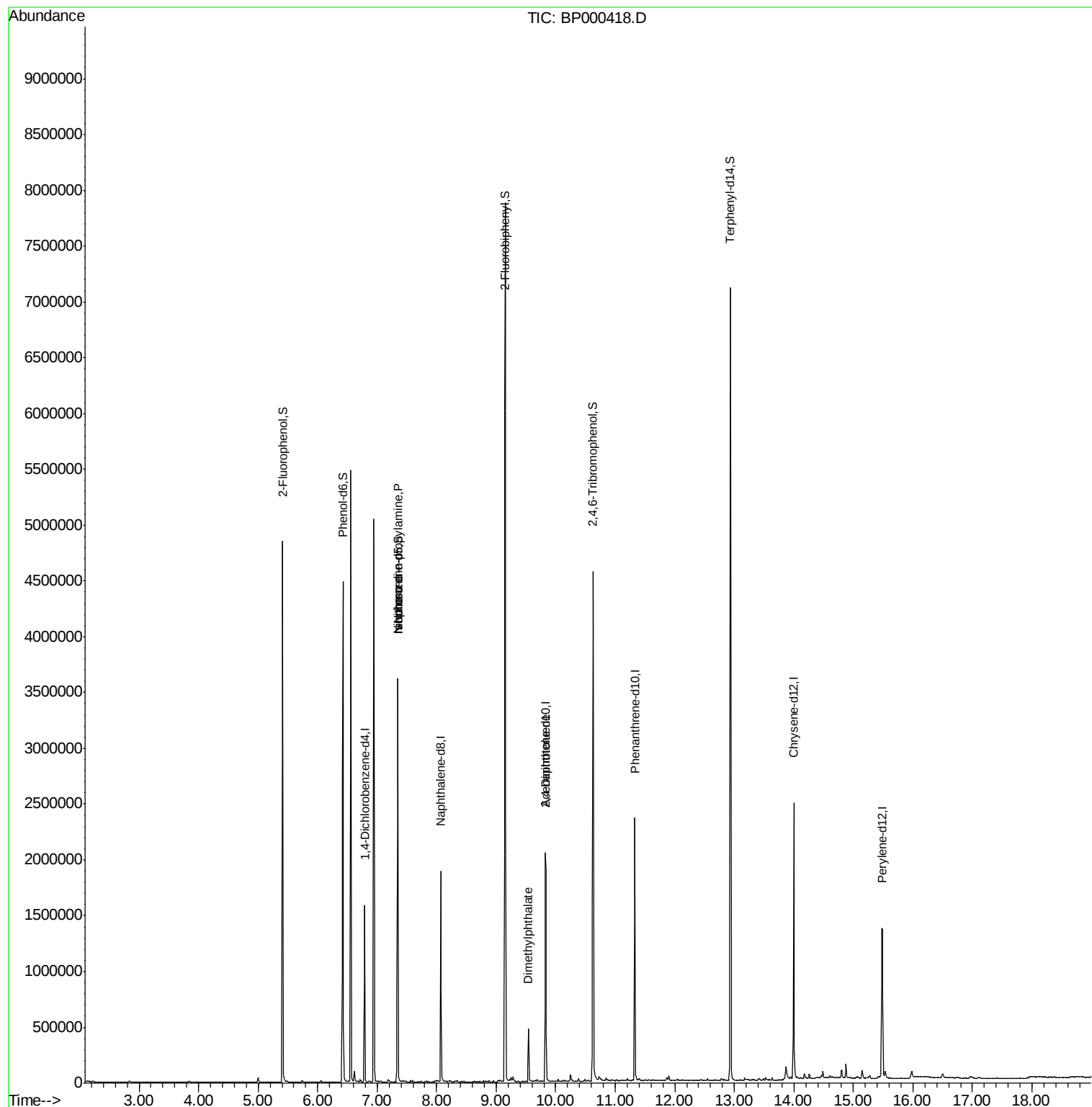
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	219046	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	786994	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	424330	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	783647	20.00	ng	0.00
76) Chrysene-d12	14.00	240	753200	20.00	ng	0.00
87) Perylene-d12	15.49	264	666988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1536915	121.13	ng	0.00
7) Phenol-d6	6.42	99	1963911	126.27	ng	0.00
23) Nitrobenzene-d5	7.35	82	1112022	91.17	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	614447	145.99	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2335252	99.05	ng	0.00
79) Terphenyl-d14	12.94	244	2705931	75.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	3017	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	137335	16.701 ng	#	75
25) Isophorone	7.35	82	1111988	46.039 ng	#	63
50) Dimethylphthalate	9.55	163	213460	7.384 ng		99
57) 2,4-Dinitrotoluene	9.83	165	55633	6.695 ng	#	35
69) Atrazine	11.02	200	1440	Below Cal		91

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

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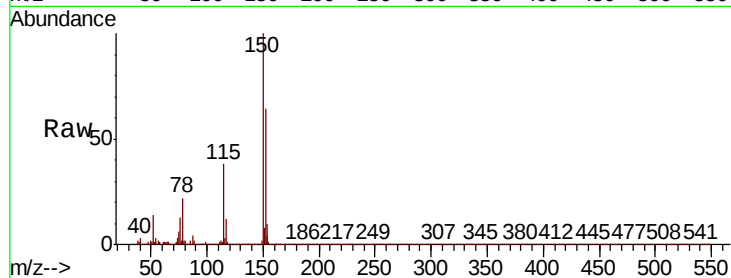


#1

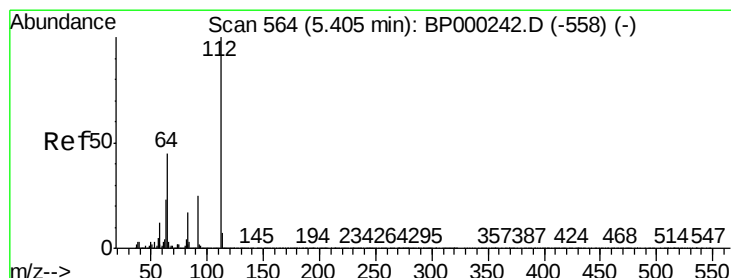
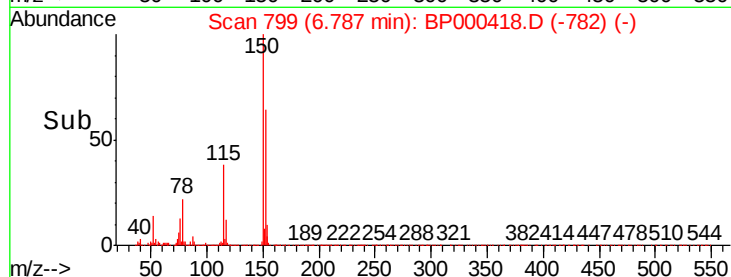
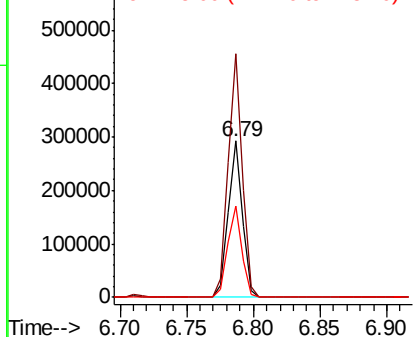
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 219046
Ion Ratio Lower Upper
152 100
150 155.7 125.2 187.8
115 58.7 49.7 74.5



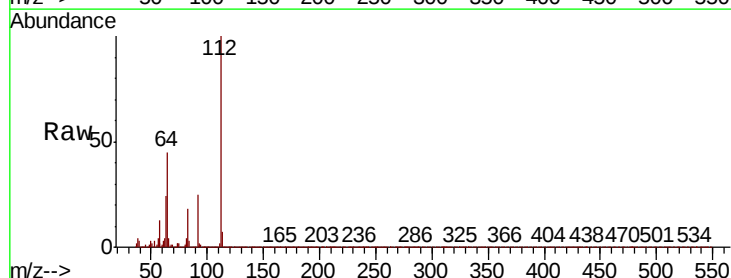
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



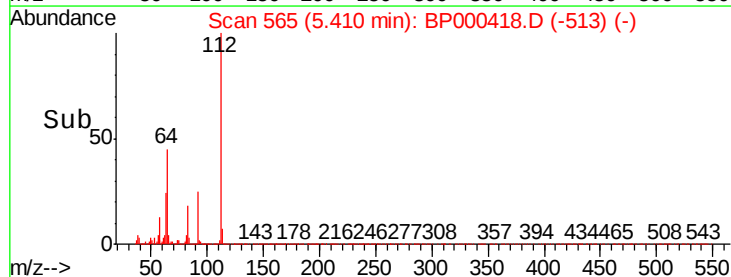
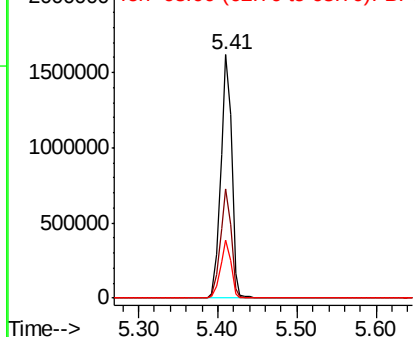
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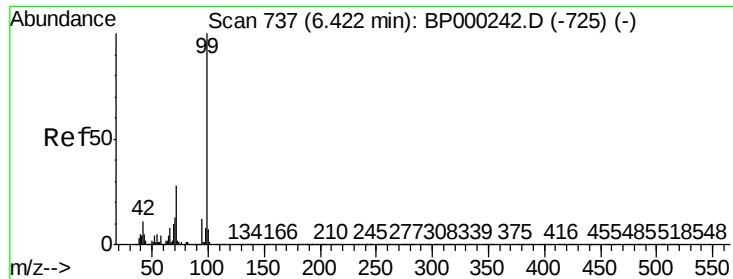
2-Fluorophenol
Concen: 121.128 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

Tgt Ion:112 Resp: 1536915
Ion Ratio Lower Upper
112 100
64 44.9 36.2 54.4
63 23.8 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: 126.270 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000418.D

Acq: 26 Sep 2019 13:32

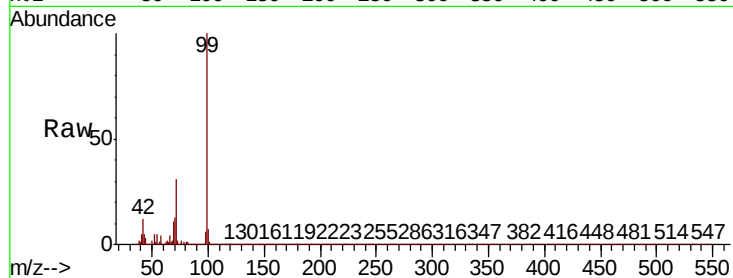
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1963911

Ion	Ratio	Lower	Upper
99	100		
42	11.6	8.5	12.7
71	31.3	22.6	34.0

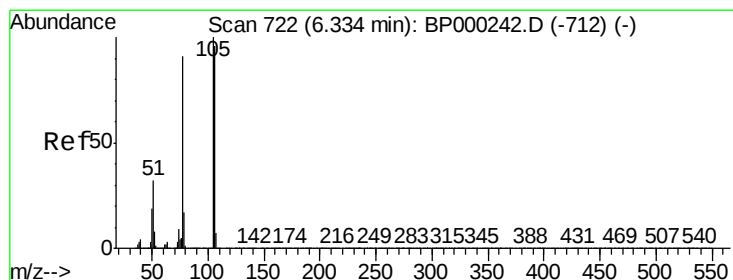
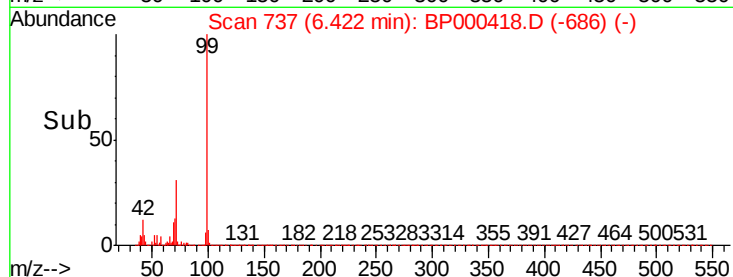
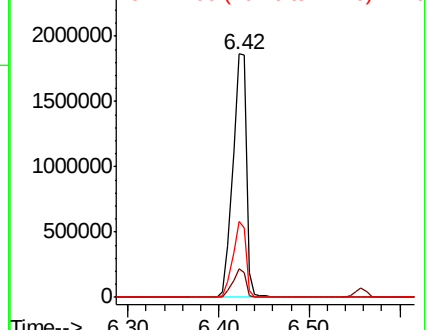


Abundance

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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.42 min Scan# 737

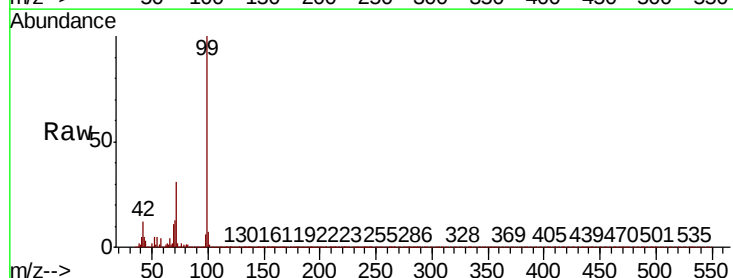
Delta R.T. 0.09 min

Lab File: BP000418.D

Acq: 26 Sep 2019 13:32

Tgt Ion: 77 Resp: 3017

Ion	Ratio	Lower	Upper
77	100		
105	3.9	89.6	129.6#
106	1.8	84.6	124.6#

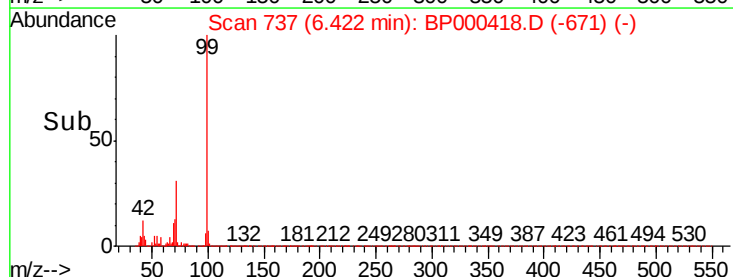
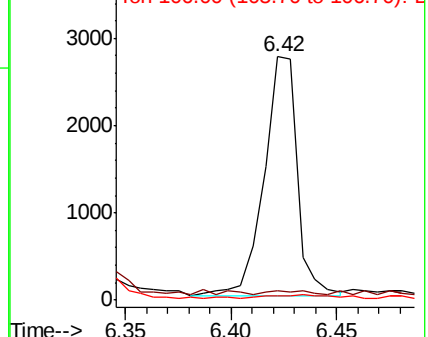


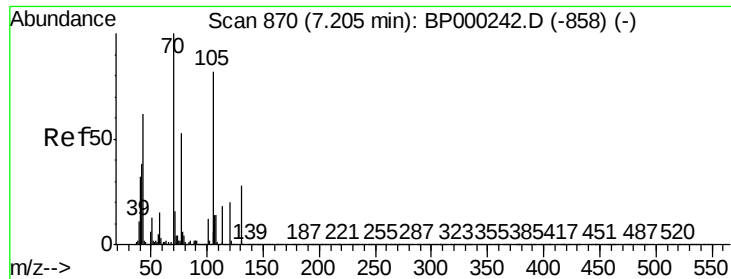
Abundance

Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

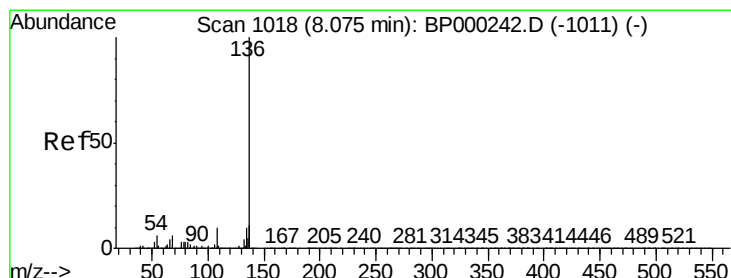
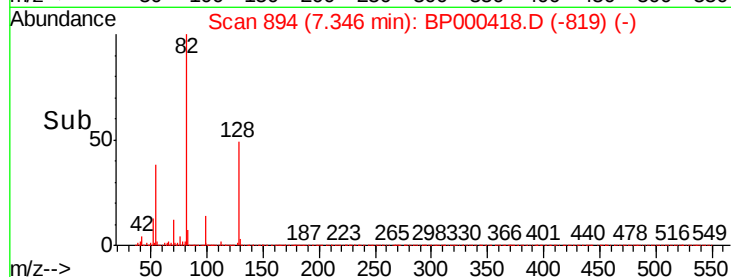
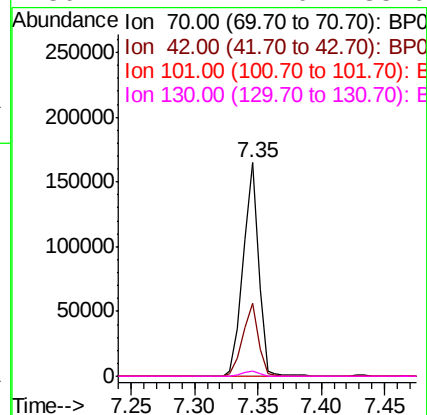
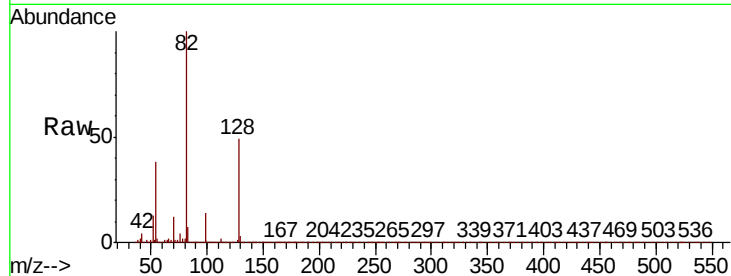




#19
n-Nitroso-di-n-propylamine
Concen: 16.701 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

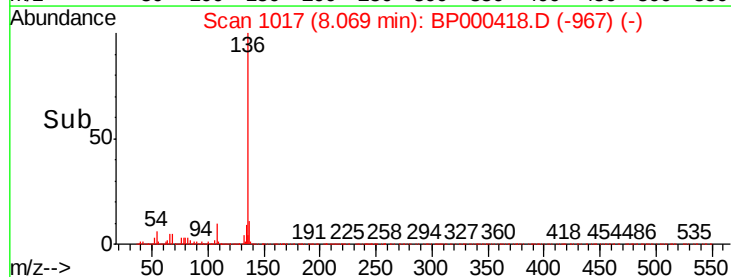
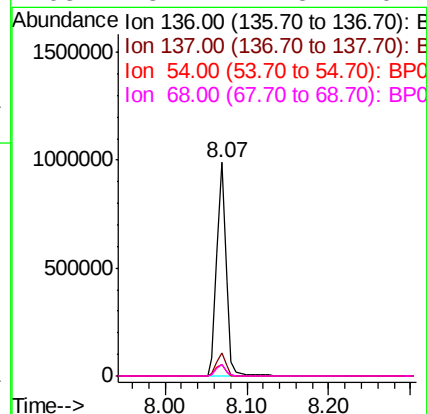
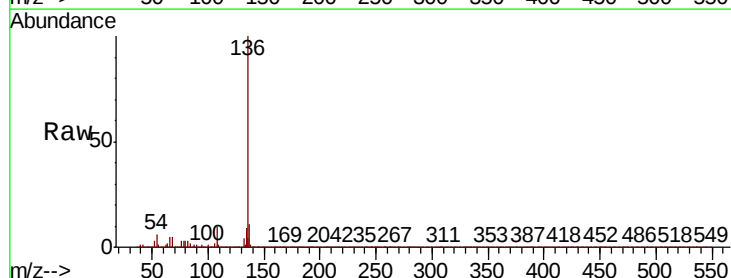
Instrument :
BNA_P
ClientSampled :

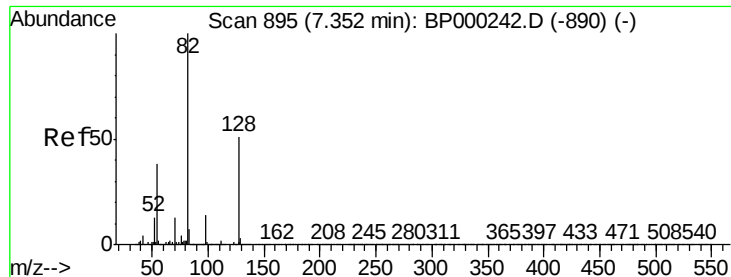
Tot Ion:	70	Resp:	137335
Ion	Ratio	Lower	Upper
70	100		
42	34.2	30.7	46.1
101	0.0	9.6	14.4#
130	2.4	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

Tgt Ion:	136	Resp:	786994
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.6	4.5	6.7
68	5.4	4.5	6.7

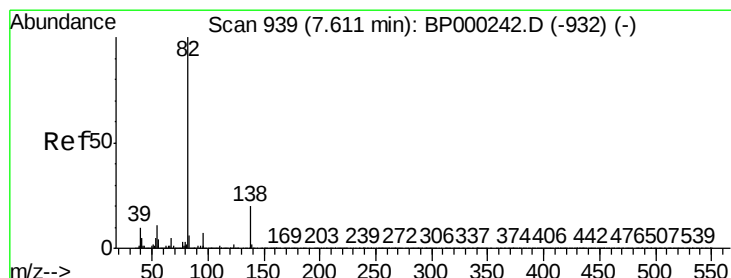
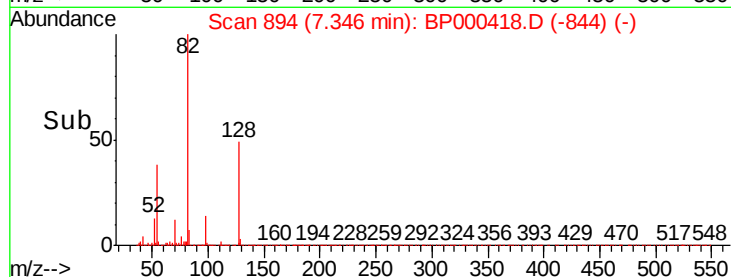
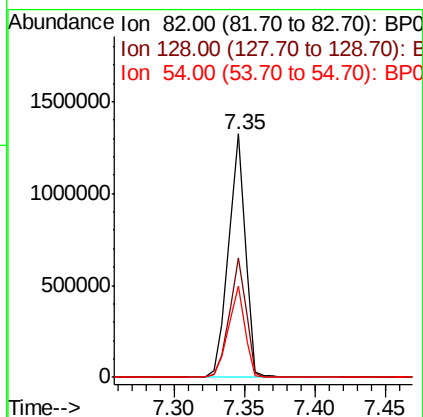
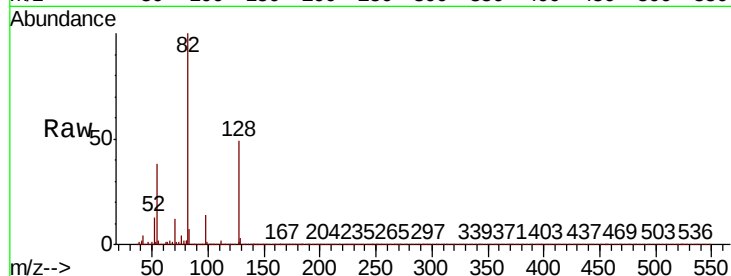




#23
Nitrobenzene-d5
Concen: 91.166 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

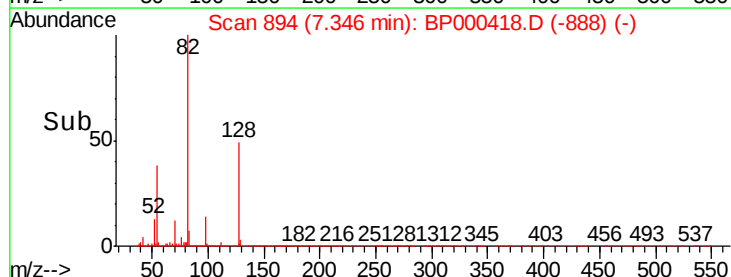
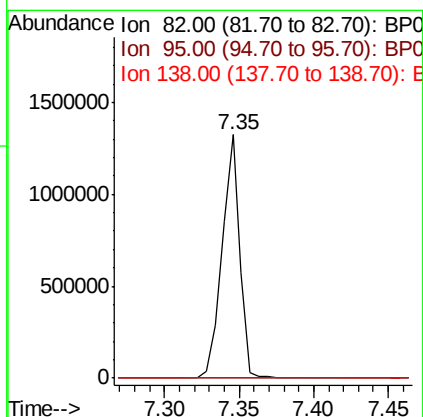
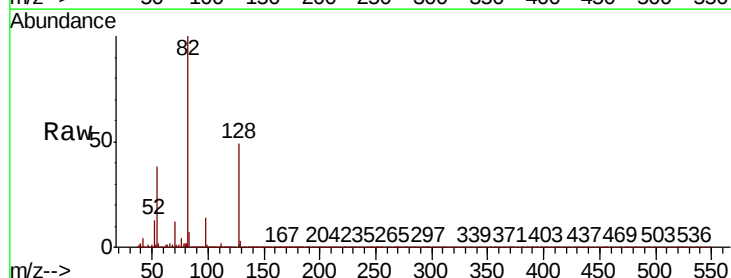
Instrument :
BNA_P
ClientSampleId :

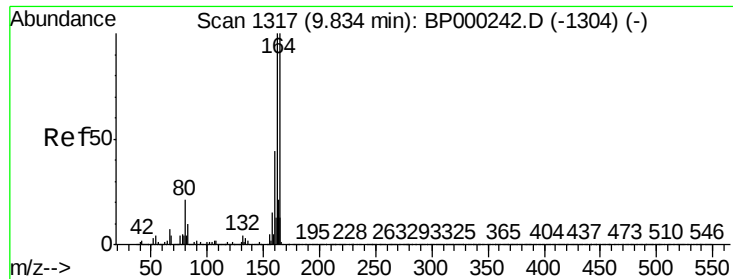
Tot Ion: 82 Resp: 1112022
Ion Ratio Lower Upper
82 100
128 49.0 40.7 61.1
54 37.6 30.1 45.1



#25
Isophorone
Concen: 46.039 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

Tgt Ion: 82 Resp: 1111988
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.9 23.9#

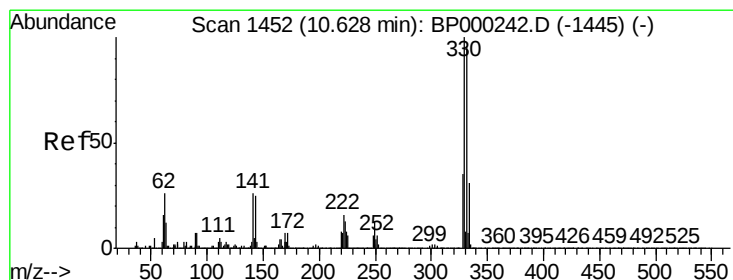
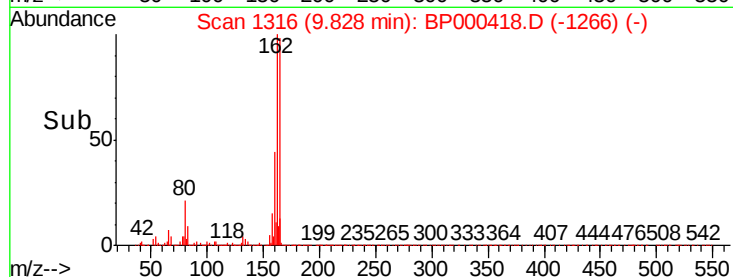
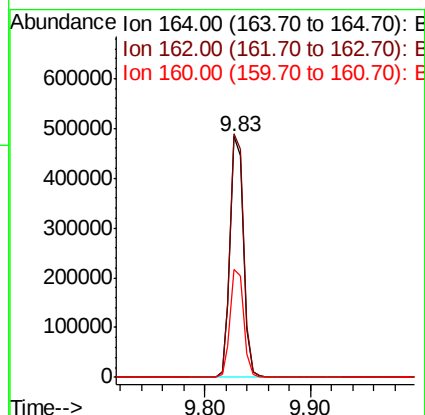
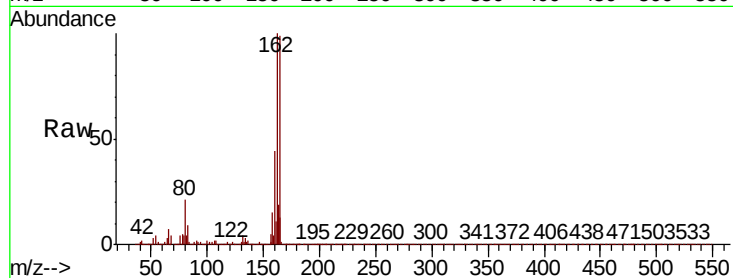




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

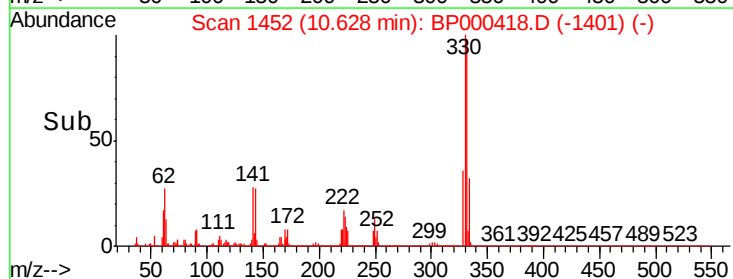
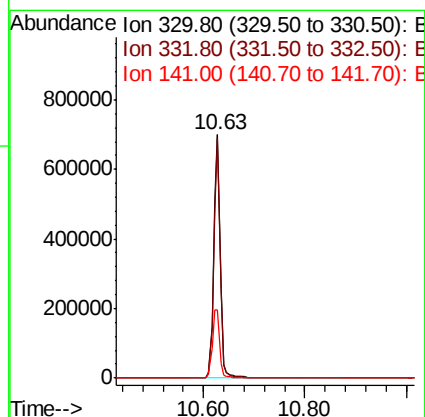
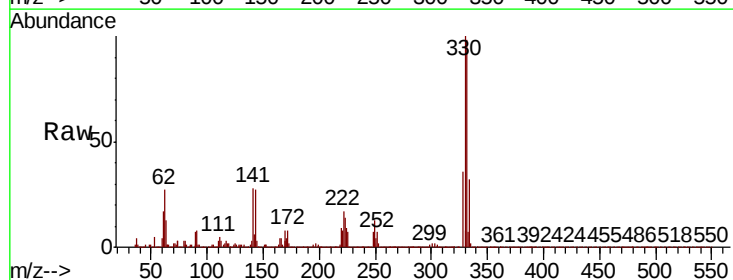
Instrument :
BNA_P
ClientSampleId :

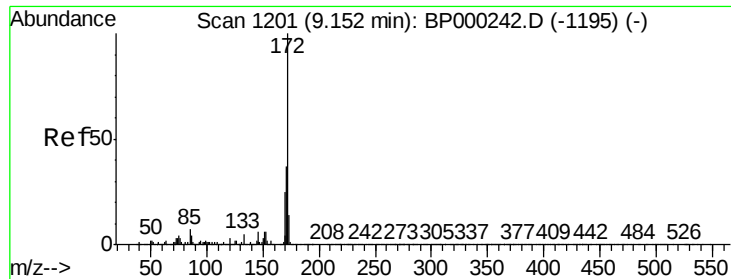
Tot Ion:164 Resp: 424330
Ion Ratio Lower Upper
164 100
162 101.2 79.9 119.9
160 44.7 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 145.992 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

Tgt Ion:330 Resp: 614447
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 32.1 26.5 39.7

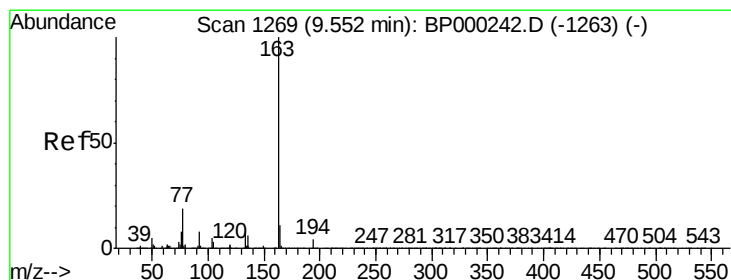
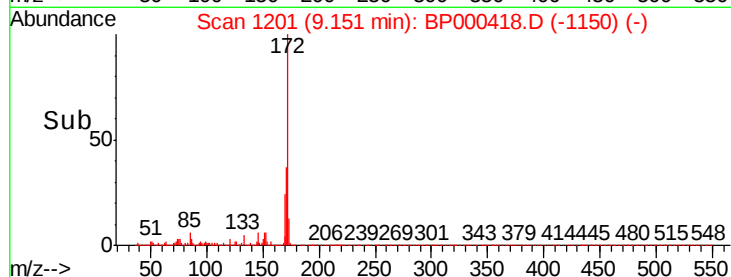
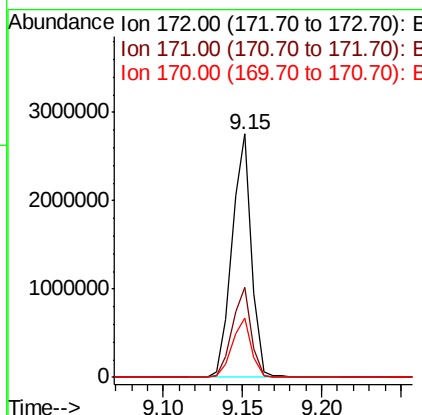
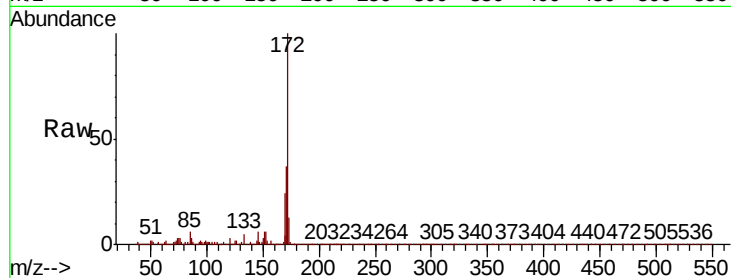




#45
2-Fluorobiphenyl
Concen: 99.050 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

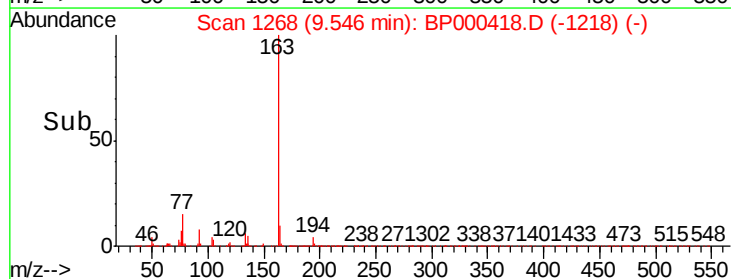
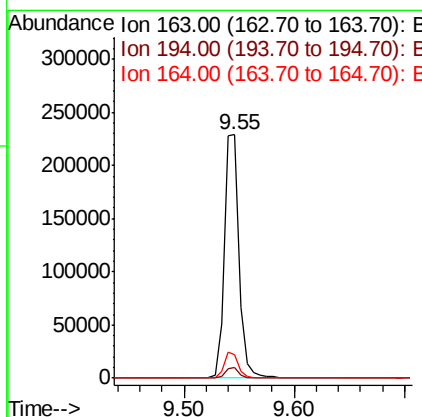
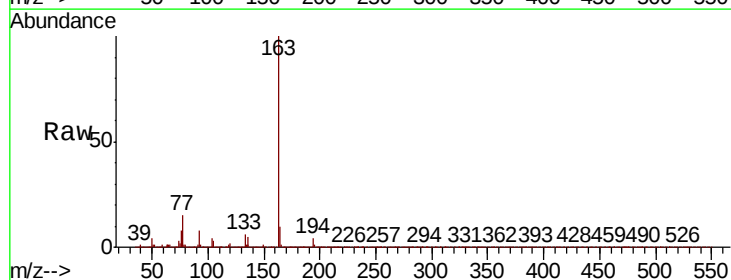
Instrument :
BNA_P
ClientSampleId :

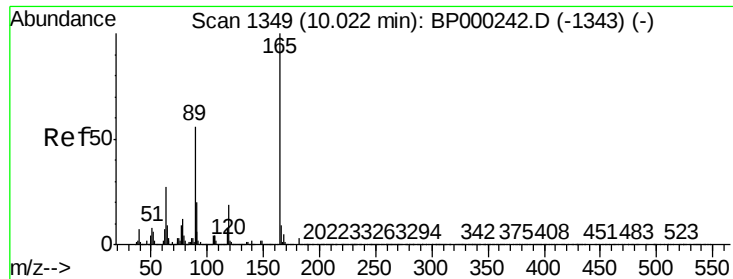
Tot Ion:172 Resp: 2335252
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.4 19.8 29.6



#50
Dimethylphthalate
Concen: 7.384 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

Tgt Ion:163 Resp: 213460
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.8 8.5 12.7

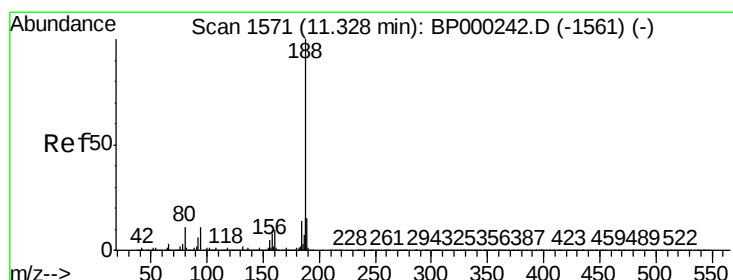
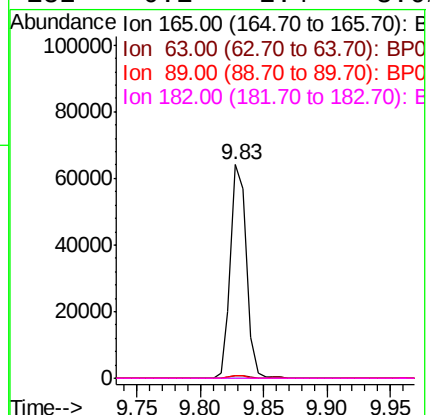
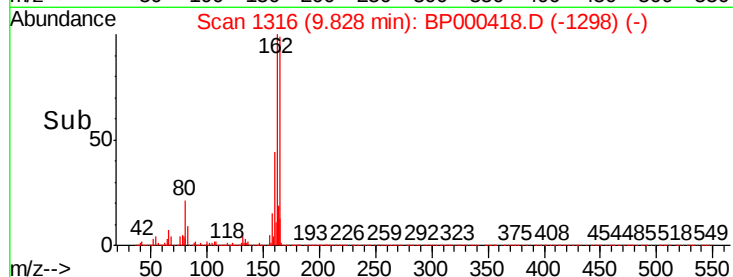
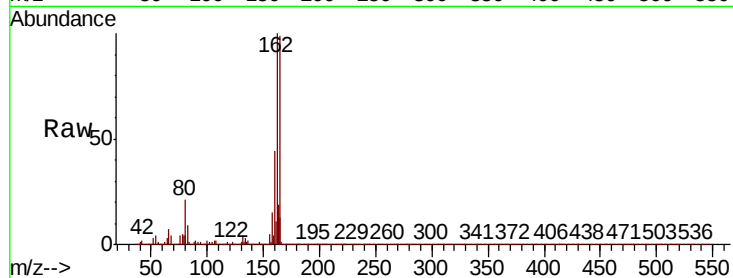




#57
2,4-Dinitrotoluene
Concen: 6.695 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

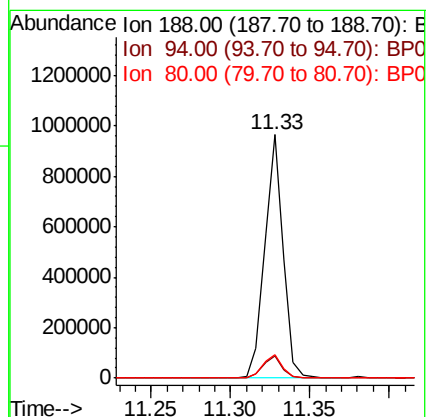
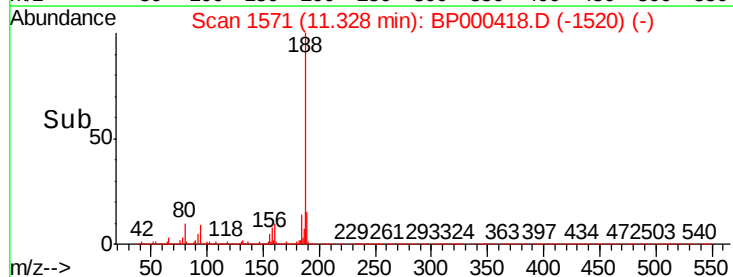
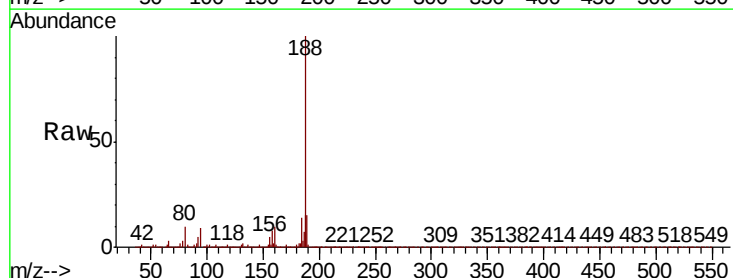
Instrument :
BNA_P
ClientSampleId :

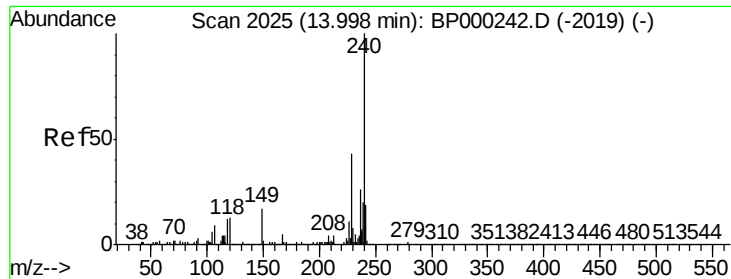
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	21.7	32.5#
89	1.4	45.0	67.6#
182	0.1	2.4	3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.8	8.6	13.0

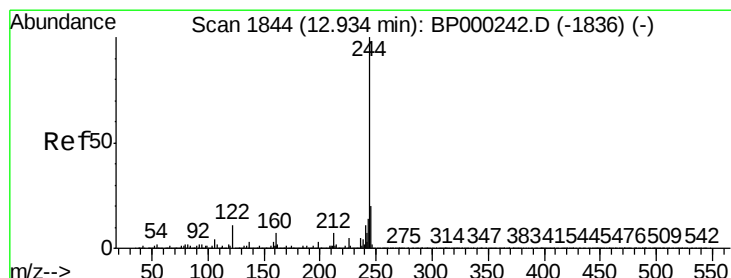
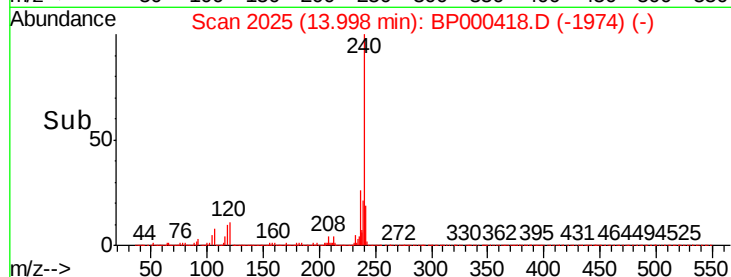
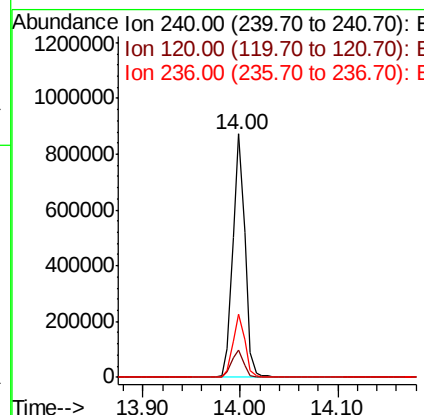
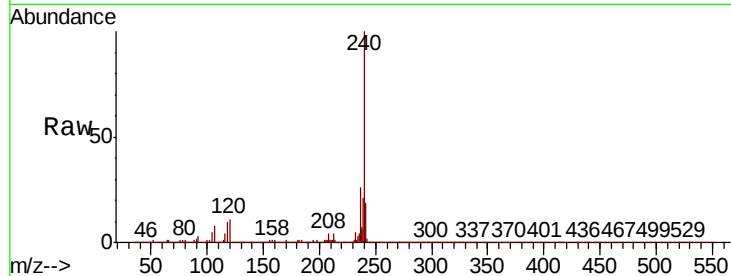




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BP000418.D
 Acq: 26 Sep 2019 13:32

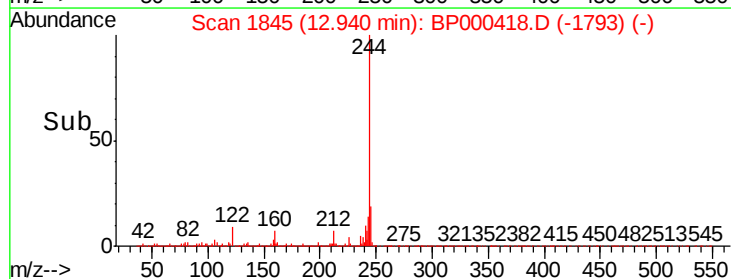
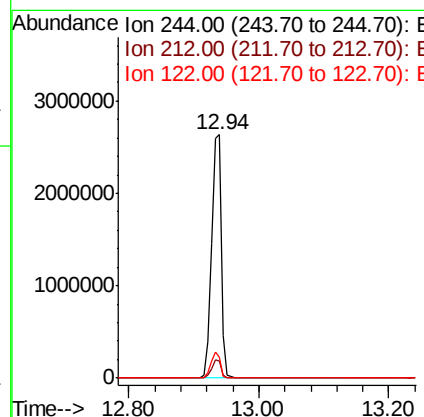
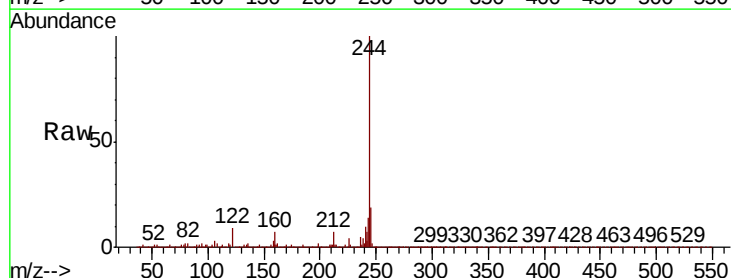
Instrument :
 BNA_P
 ClientSampled :

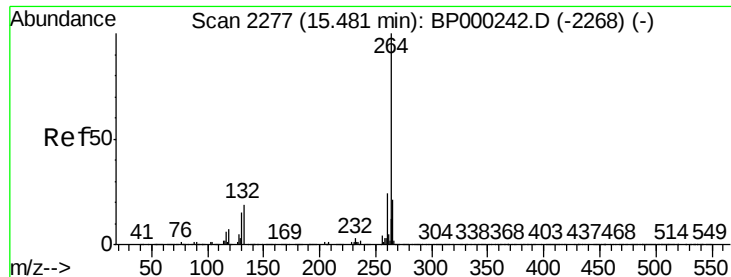
Tot Ion:240 Resp: 753200
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.4 15.6
 236 26.2 21.0 31.6



#79
 Terphenyl-d14
 Concen: 75.367 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000418.D
 Acq: 26 Sep 2019 13:32

Tgt Ion:244 Resp: 2705931
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.6 9.0 13.4#

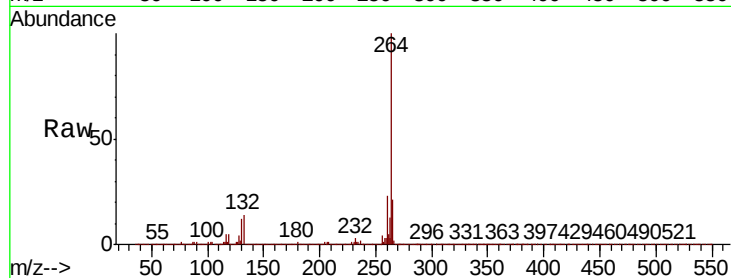




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000418.D
Acq: 26 Sep 2019 13:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	20.9	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

