

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000416.D
 Acq On : 26 Sep 2019 12:44
 Operator : JU
 Sample : PB123382BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 00:09:52 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

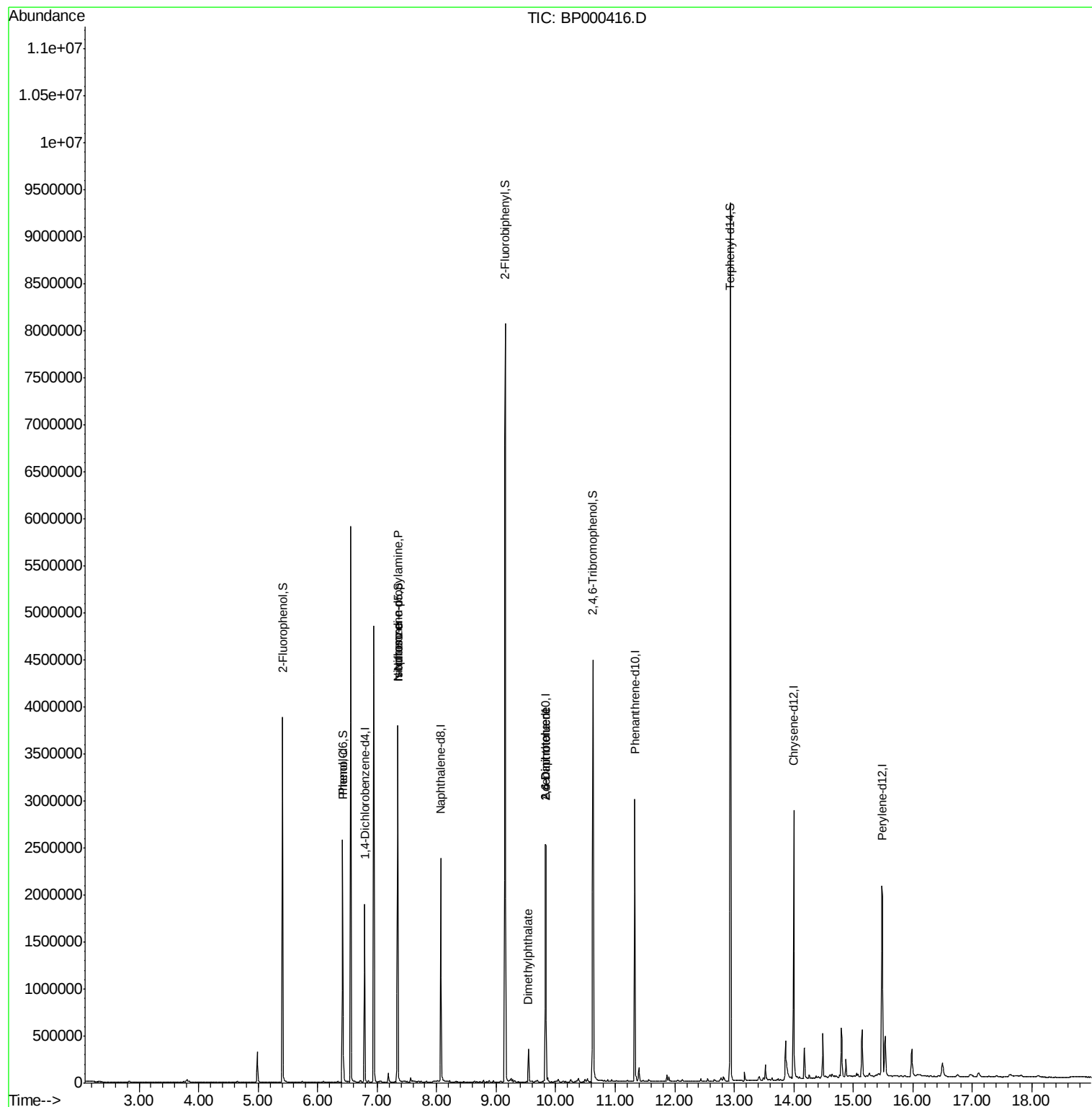
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	265209	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	978109	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	551004	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1022974	20.00	ng	0.00
76) Chrysene-d12	14.00	240	906884	20.00	ng	0.00
87) Perylene-d12	15.48	264	963596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1160455	75.54	ng	0.00
7) Phenol-d6	6.42	99	1020198	54.18	ng	0.00
23) Nitrobenzene-d5	7.35	82	1146644	75.64	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	624919	114.34	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2448007	79.96	ng	0.00
79) Terphenyl-d14	12.93	244	3212144	74.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.33	77	2472	Below Cal		96
10) Phenol	6.43	94	81855	3.826 ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	141129	14.175 ng	#	74
25) Isophorone	7.35	82	1146862	38.205 ng	#	63
50) Dimethylphthalate	9.55	163	168961	4.501 ng		99
51) 2,6-Dinitrotoluene	9.83	165	71616	8.676 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	71749	6.649 ng	#	35
69) Atrazine	11.02	200	1943	Below Cal		95

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

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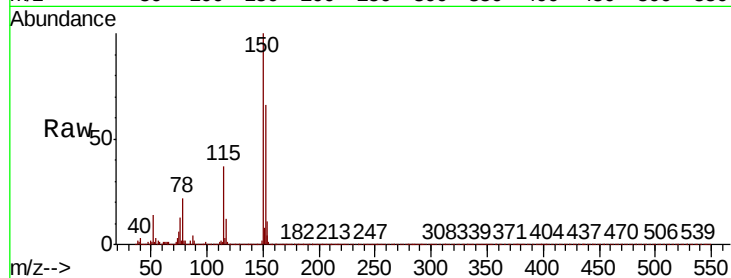


#1

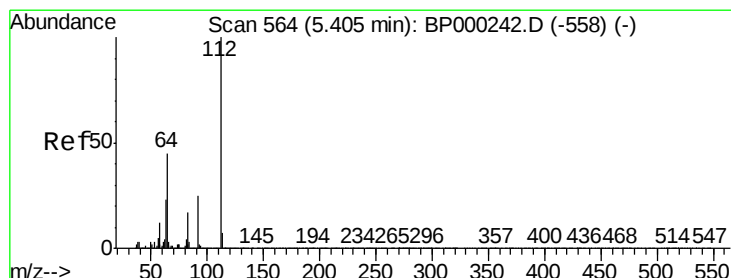
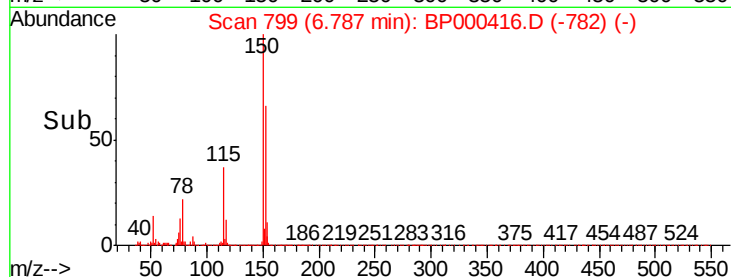
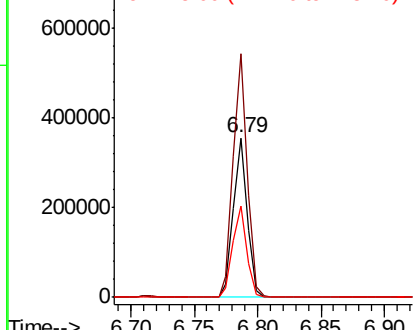
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000416.D
Acq: 26 Sep 2019 12:44

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.2	187.8
115	57.1	49.7	74.5



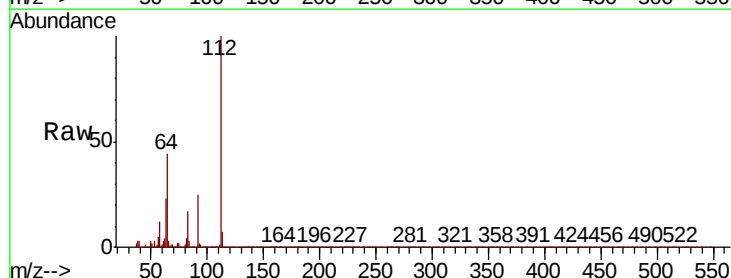
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



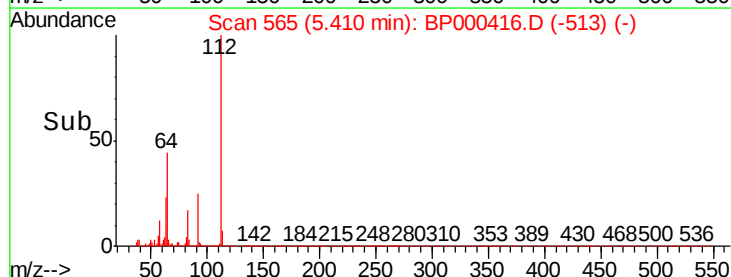
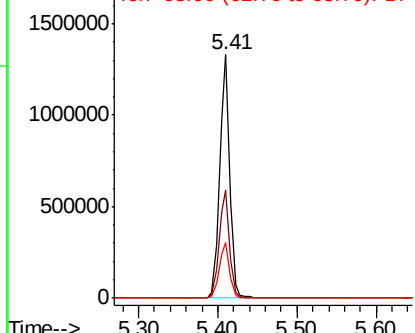
#5

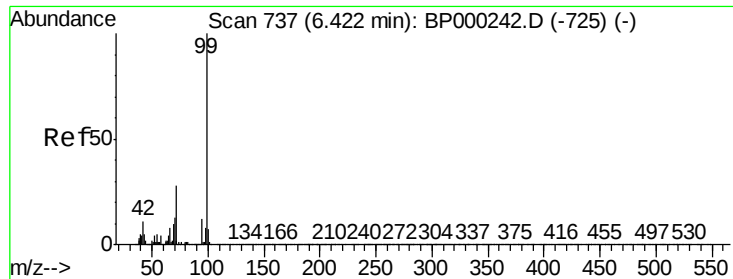
2-Fluorophenol
Concen: 75.539 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000416.D
Acq: 26 Sep 2019 12:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.1	36.2	54.4
63	22.8	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: 54.176 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000416.D

Acq: 26 Sep 2019 12:44

Instrument :

BNA_P

ClientSampled :

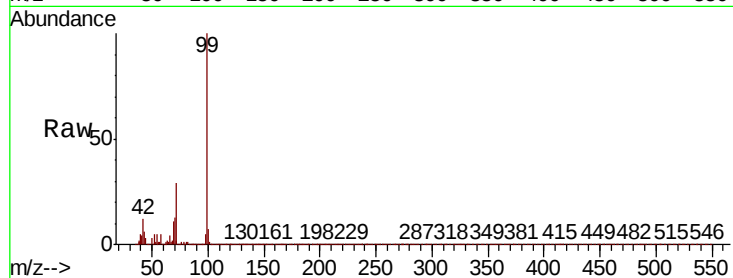
Tot Ion: 99 Resp: 1020198

Ion Ratio Lower Upper

99 100

42 11.6 8.5 12.7

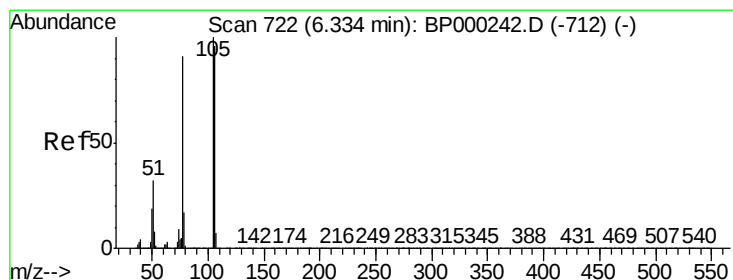
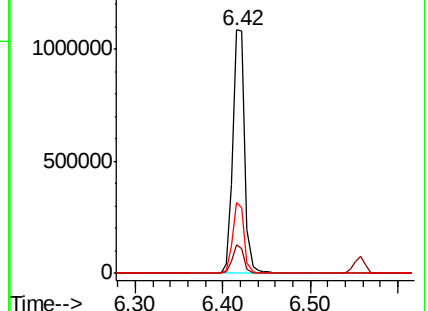
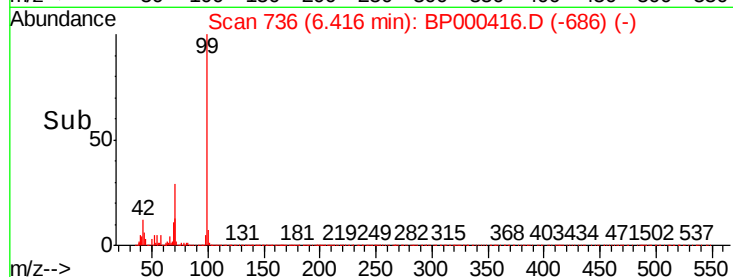
71 29.2 22.6 34.0



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: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000416.D

Acq: 26 Sep 2019 12:44

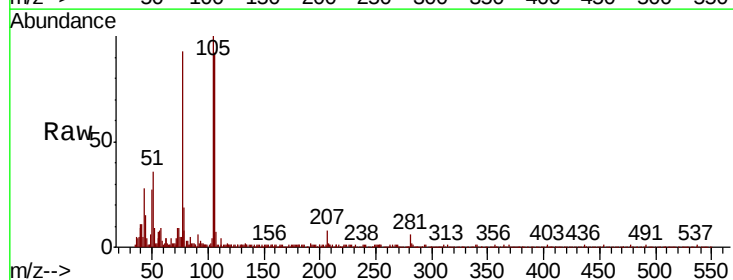
Tgt Ion: 77 Resp: 2472

Ion Ratio Lower Upper

77 100

105 107.5 89.6 129.6

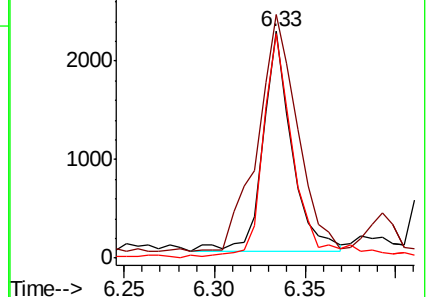
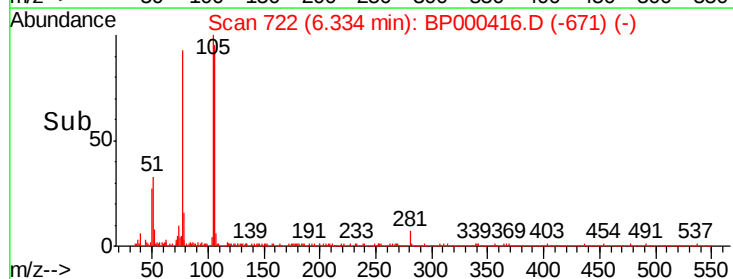
106 99.1 84.6 124.6

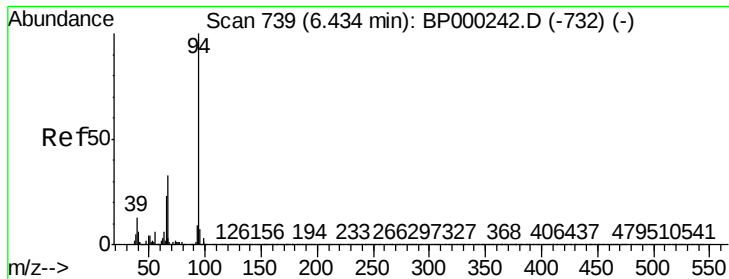


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.826 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BP000416.D

Acq: 26 Sep 2019 12:44

Instrument :

BNA_P

ClientSampled :

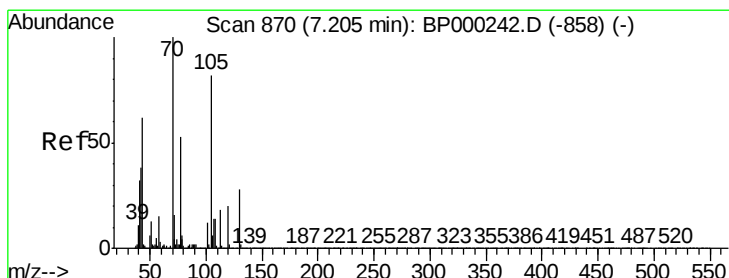
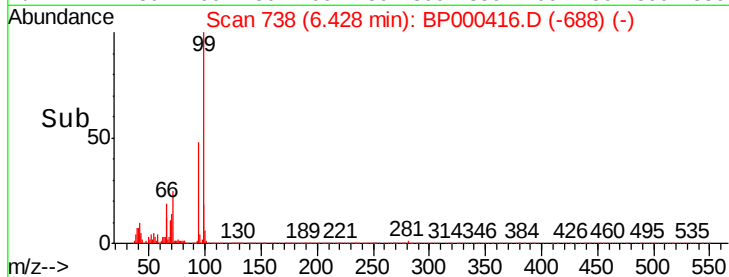
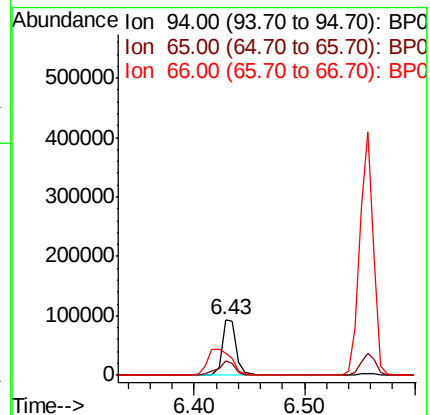
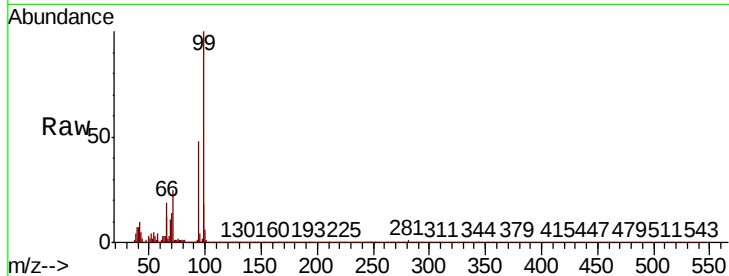
Tot Ion: 94 Resp: 81855

Ion Ratio Lower Upper

94 100

65 25.2 3.3 43.3

66 38.5 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.175 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000416.D

Acq: 26 Sep 2019 12:44

Tgt Ion: 70 Resp: 141129

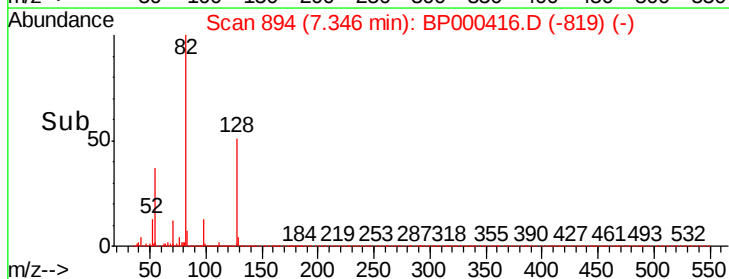
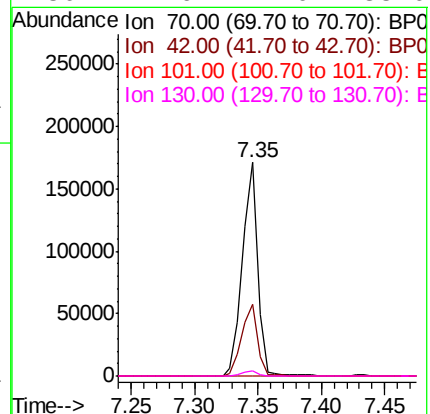
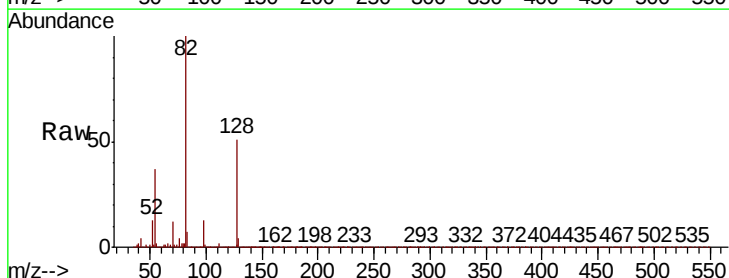
Ion Ratio Lower Upper

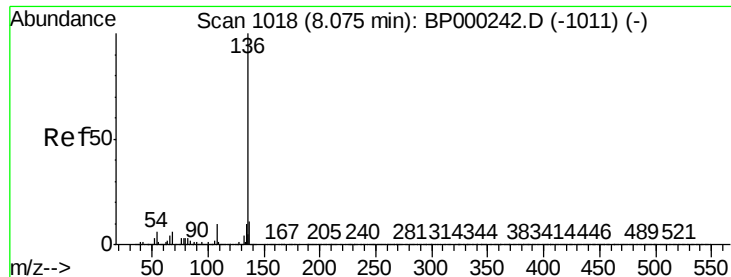
70 100

42 33.6 30.7 46.1

101 0.0 9.6 14.4#

130 2.6 22.0 33.0#

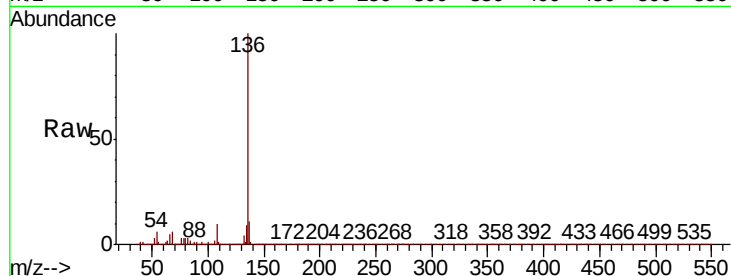




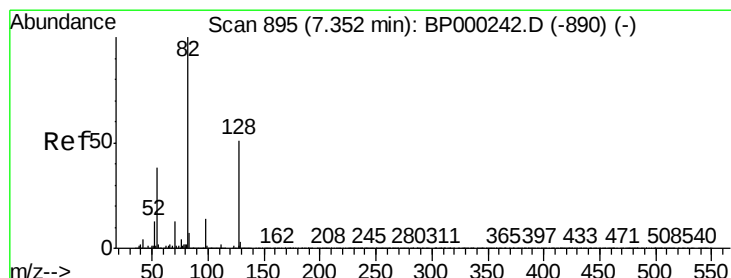
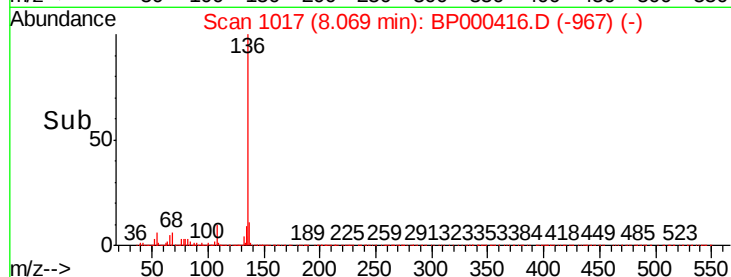
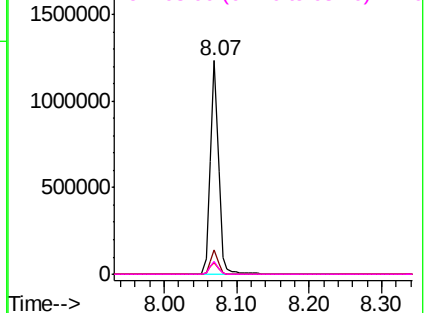
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000416.D
Acq: 26 Sep 2019 12:44

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	978109
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.6 13.0
54	5.6	4.5 6.7
68	5.8	4.5 6.7

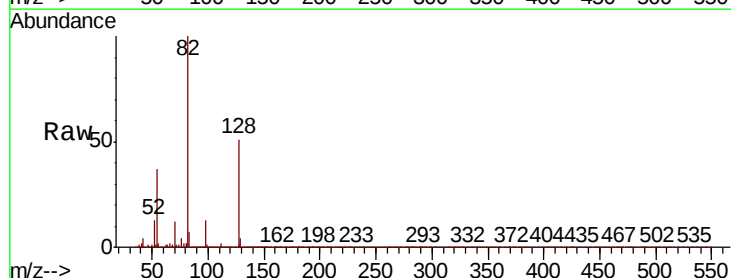


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

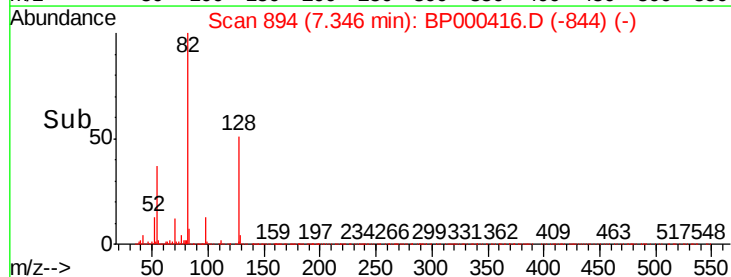
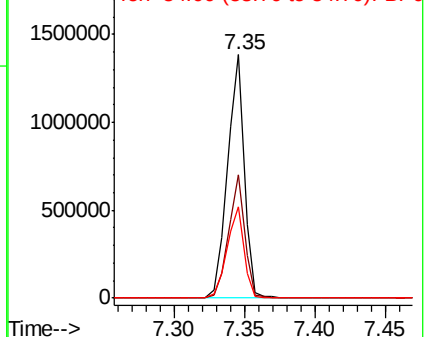


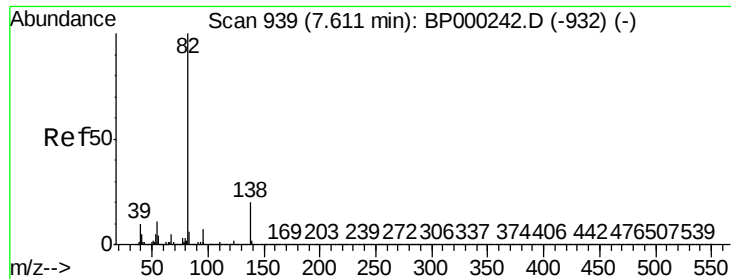
#23
Nitrobenzene-d5
Concen: 75.637 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000416.D
Acq: 26 Sep 2019 12:44

Tgt Ion: 82	Resp:	1146644
Ion	Ratio	Lower Upper
82	100	
128	50.5	40.7 61.1
54	37.3	30.1 45.1



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 38.205 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000416.D

Acq: 26 Sep 2019 12:44

Instrument :

BNA_P

ClientSampleId :

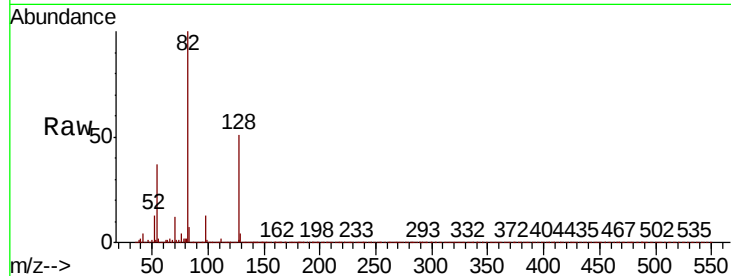
Tot Ion: 82 Resp: 1146862

Ion Ratio Lower Upper

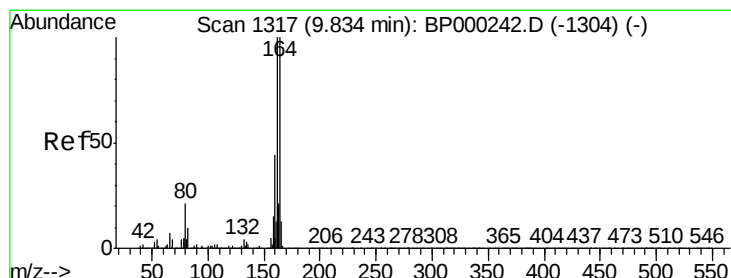
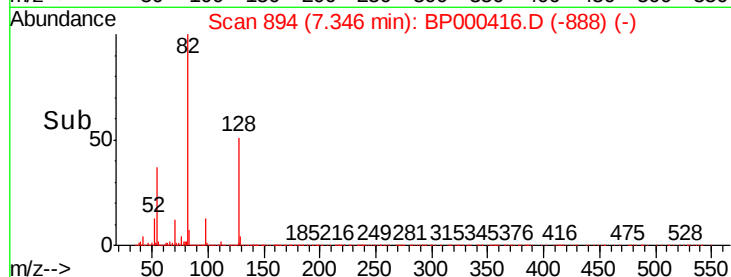
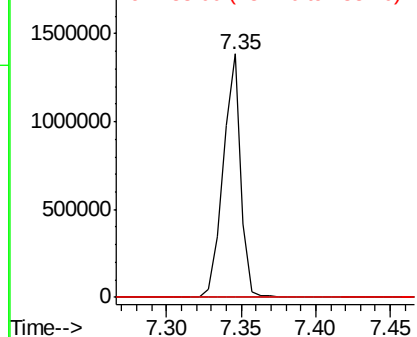
82 100

95 0.0 5.9 8.9#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000416.D

Acq: 26 Sep 2019 12:44

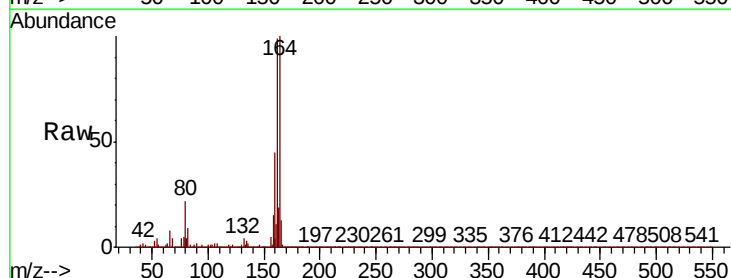
Tgt Ion:164 Resp: 551004

Ion Ratio Lower Upper

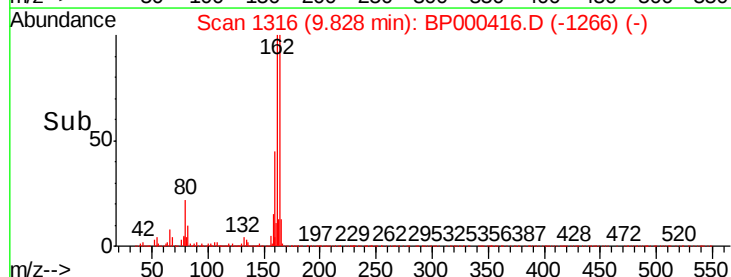
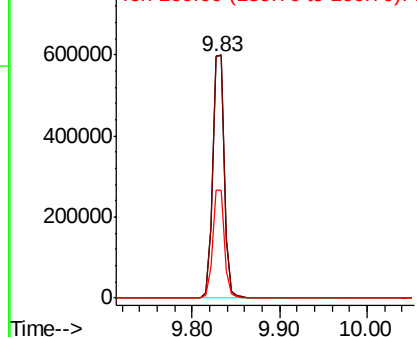
164 100

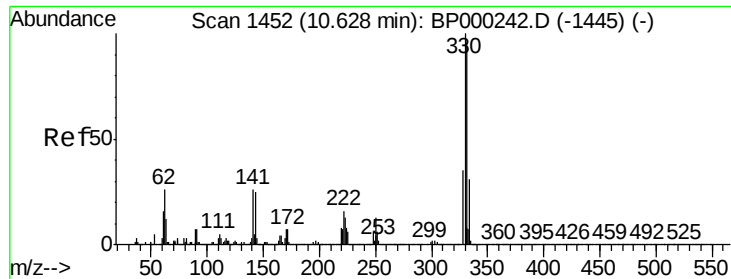
162 99.5 79.9 119.9

160 44.8 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

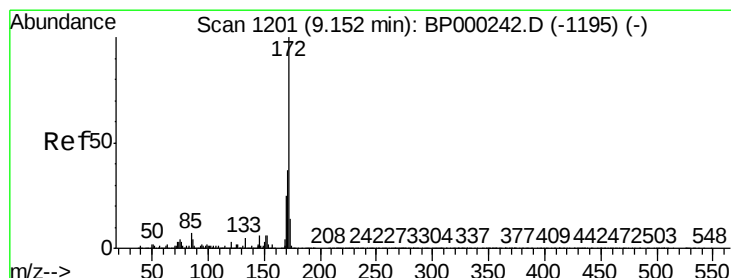
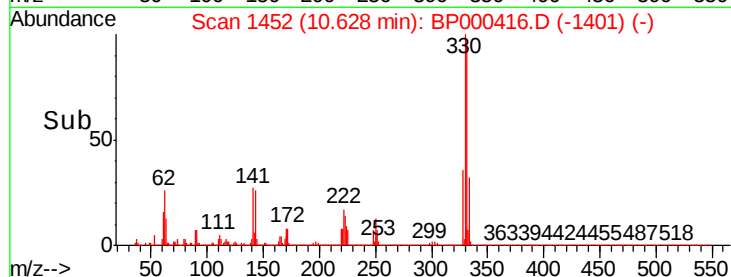
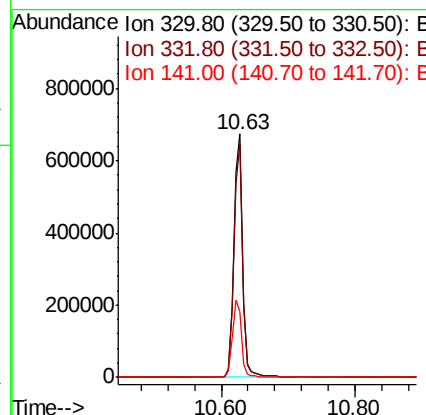
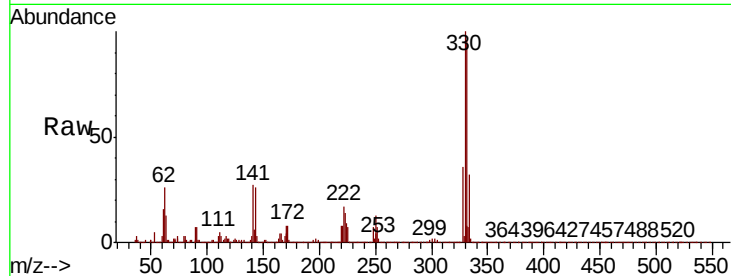




#42
2,4,6-Tribromophenol
Concen: 114.345 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000416.D
Acq: 26 Sep 2019 12:44

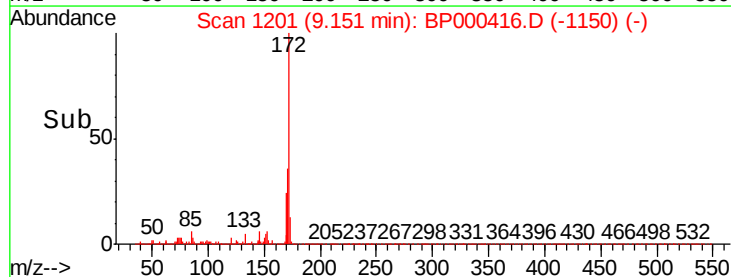
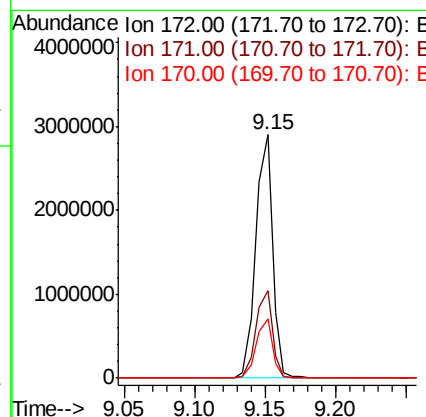
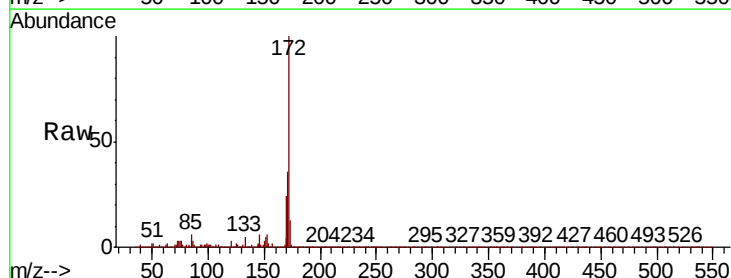
Instrument :
BNA_P
ClientSampled :

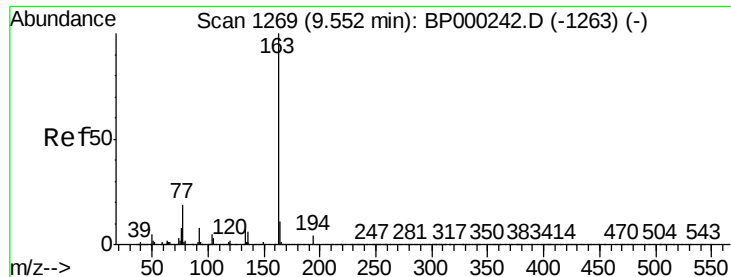
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	33.5	26.5	39.7



#45
2-Fluorobiphenyl
Concen: 79.962 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000416.D
Acq: 26 Sep 2019 12:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.1	19.8	29.6

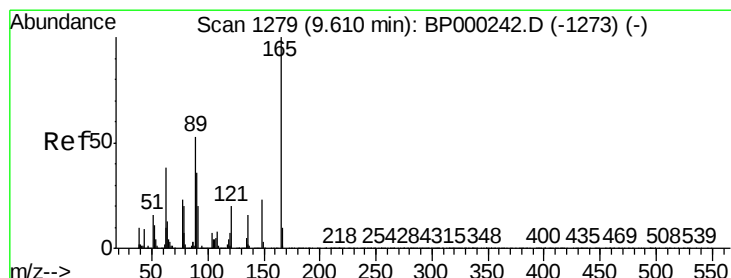
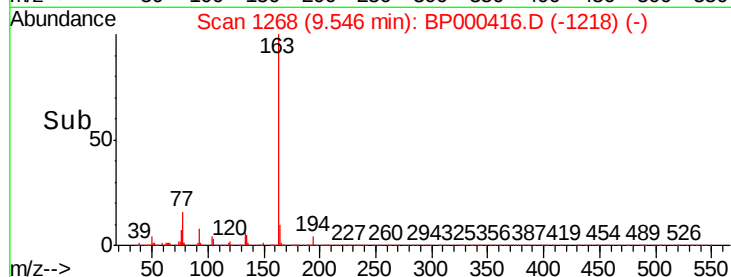
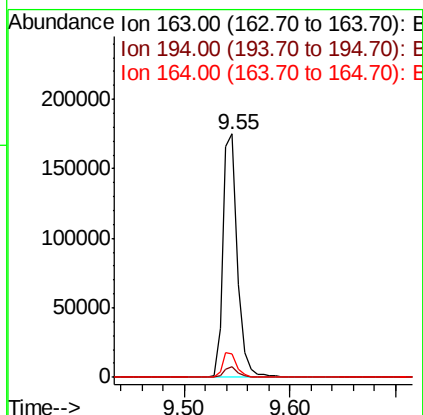
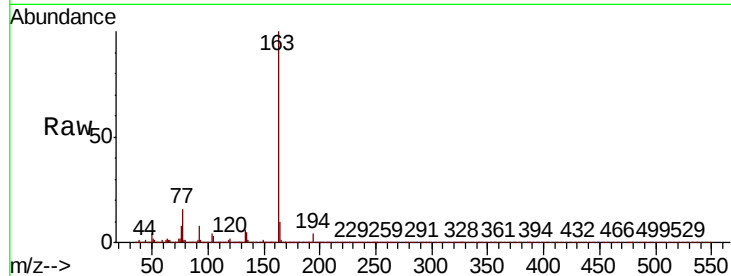




#50
Dimethylphthalate
Concen: 4.501 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000416.D
Acq: 26 Sep 2019 12:44

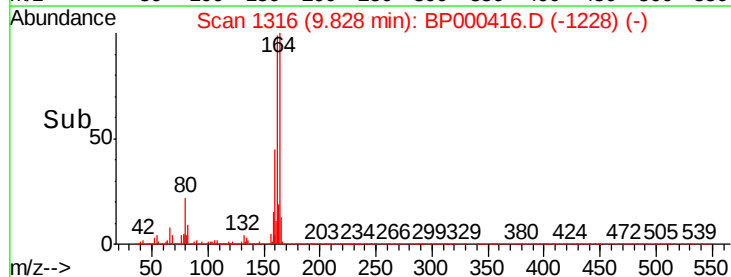
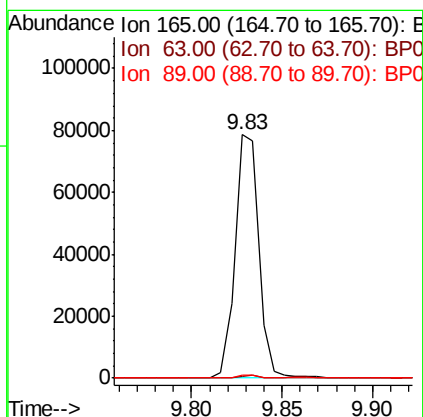
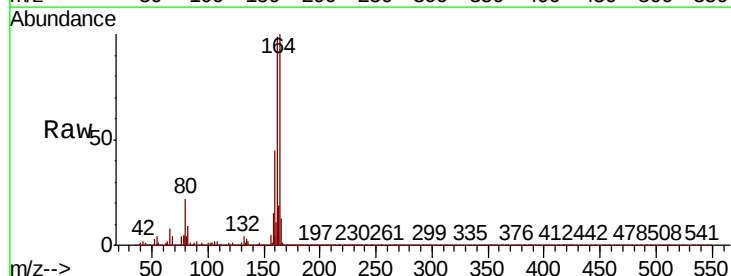
Instrument :
BNA_P
ClientSampleId :

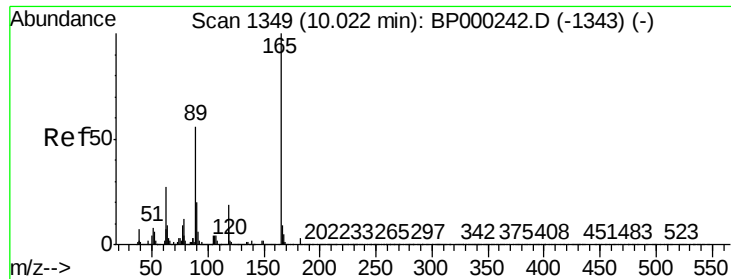
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	9.9	8.5	12.7



#51
2,6-Dinitrotoluene
Concen: 8.676 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.22 min
Lab File: BP000416.D
Acq: 26 Sep 2019 12:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	35.8	53.8#
89	1.2	42.6	63.8#

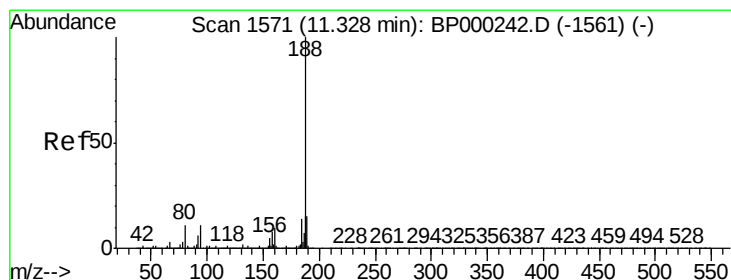
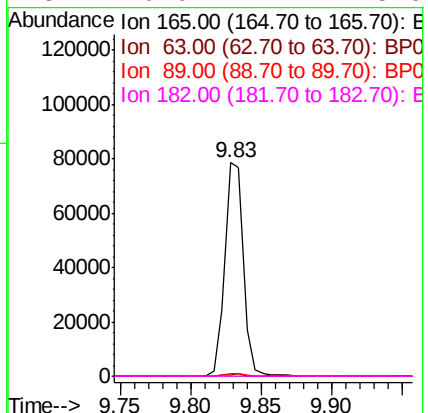
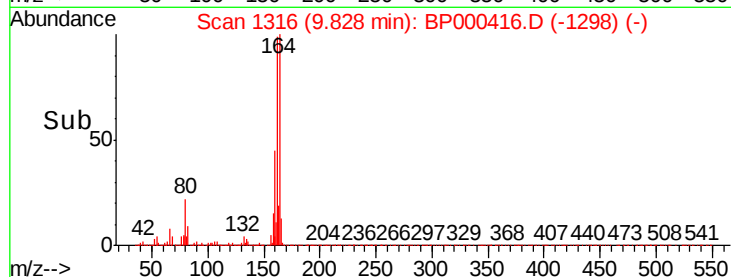
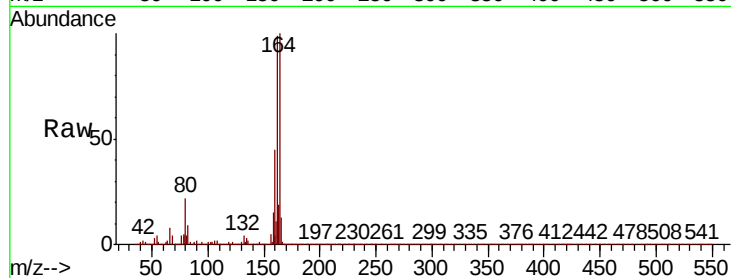




#57
2,4-Dinitrotoluene
Concen: 6.649 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000416.D
Acq: 26 Sep 2019 12:44

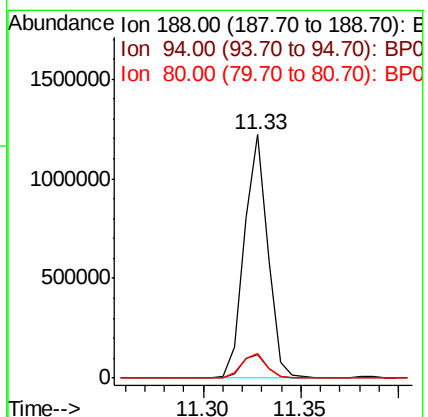
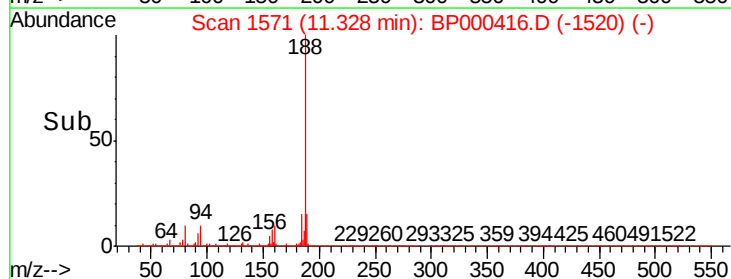
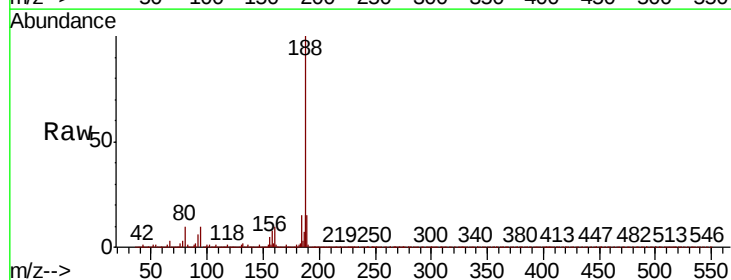
Instrument :
BNA_P
ClientSampleId :

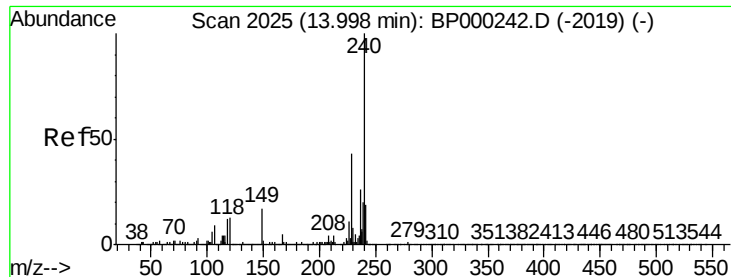
Tot Ion:165 Resp: 71749
Ion Ratio Lower Upper
165 100
63 0.9 21.7 32.5#
89 1.2 45.0 67.6#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000416.D
Acq: 26 Sep 2019 12:44

Tgt Ion:188 Resp: 1022974
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.1 8.6 13.0

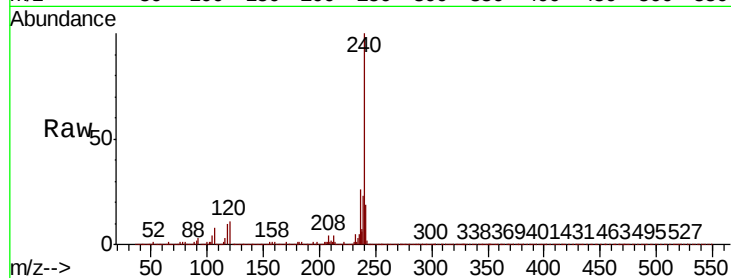




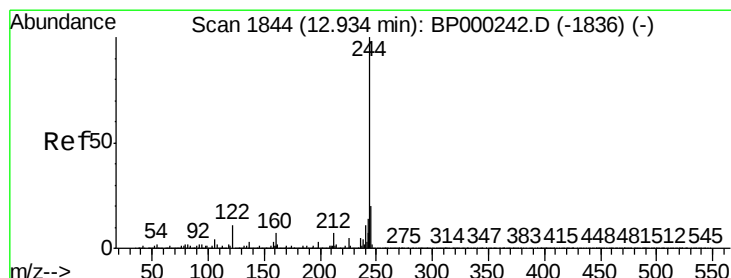
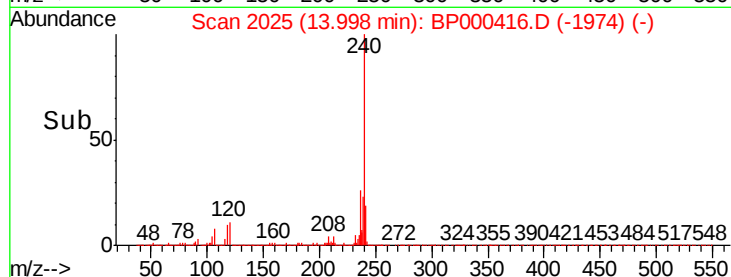
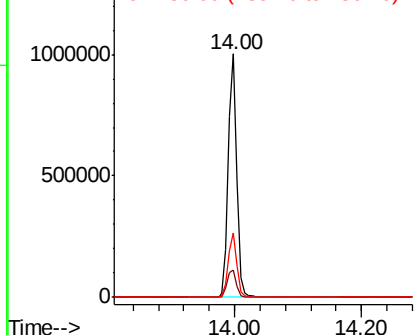
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BP000416.D
 Acq: 26 Sep 2019 12:44

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:240 Resp: 906884
 Ion Ratio Lower Upper
 240 100
 120 11.2 10.4 15.6
 236 26.4 21.0 31.6

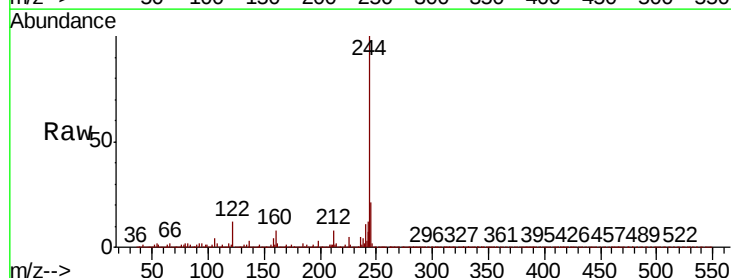


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

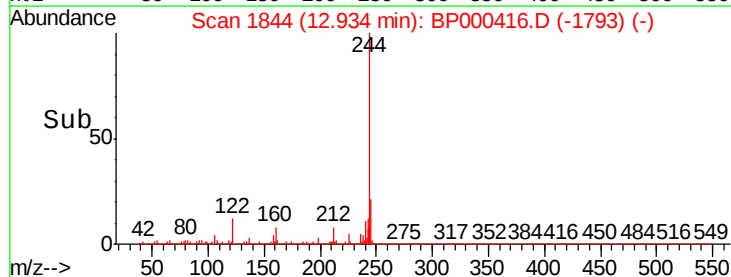
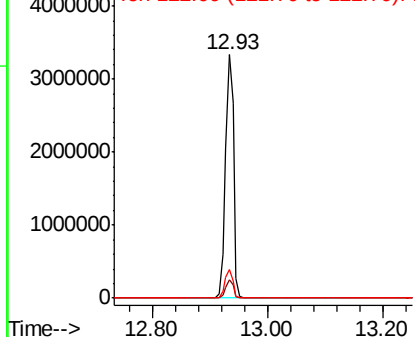


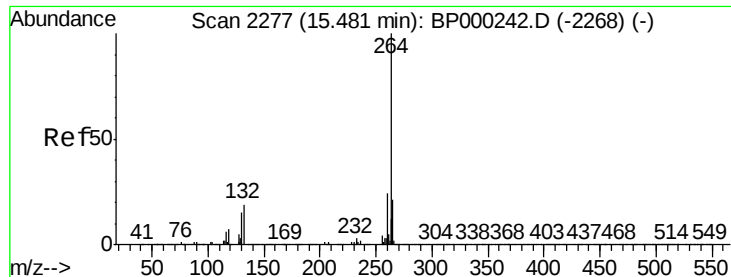
#79
 Terphenyl-d14
 Concen: 74.305 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BP000416.D
 Acq: 26 Sep 2019 12:44

Tgt Ion:244 Resp: 3212144
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 11.9 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

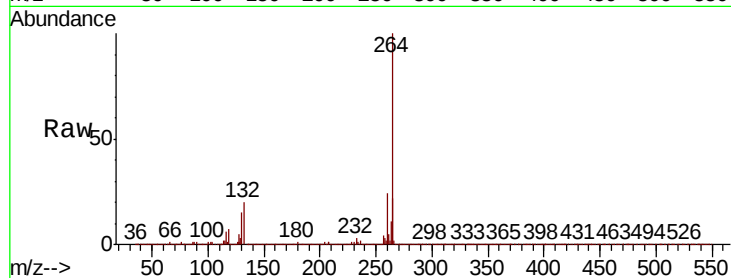




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BP000416.D
Acq: 26 Sep 2019 12:44

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.7	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

