

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092519\
 Data File : BP000408.D
 Acq On : 25 Sep 2019 14:28
 Operator : JU
 Sample : K4997-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 25 23:28:27 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	207987	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	759062	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	421858	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	787648	20.00	ng	0.00
76) Chrysene-d12	14.00	240	707327	20.00	ng	0.00
87) Perylene-d12	15.48	264	771421	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1555691	129.13	ng	0.01
7) Phenol-d6	6.43	99	1905185	129.01	ng	0.00
23) Nitrobenzene-d5	7.35	82	1104573	93.89	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	591744	141.42	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2332483	99.51	ng	0.00
79) Terphenyl-d14	12.93	244	2978809	88.35	ng	0.00

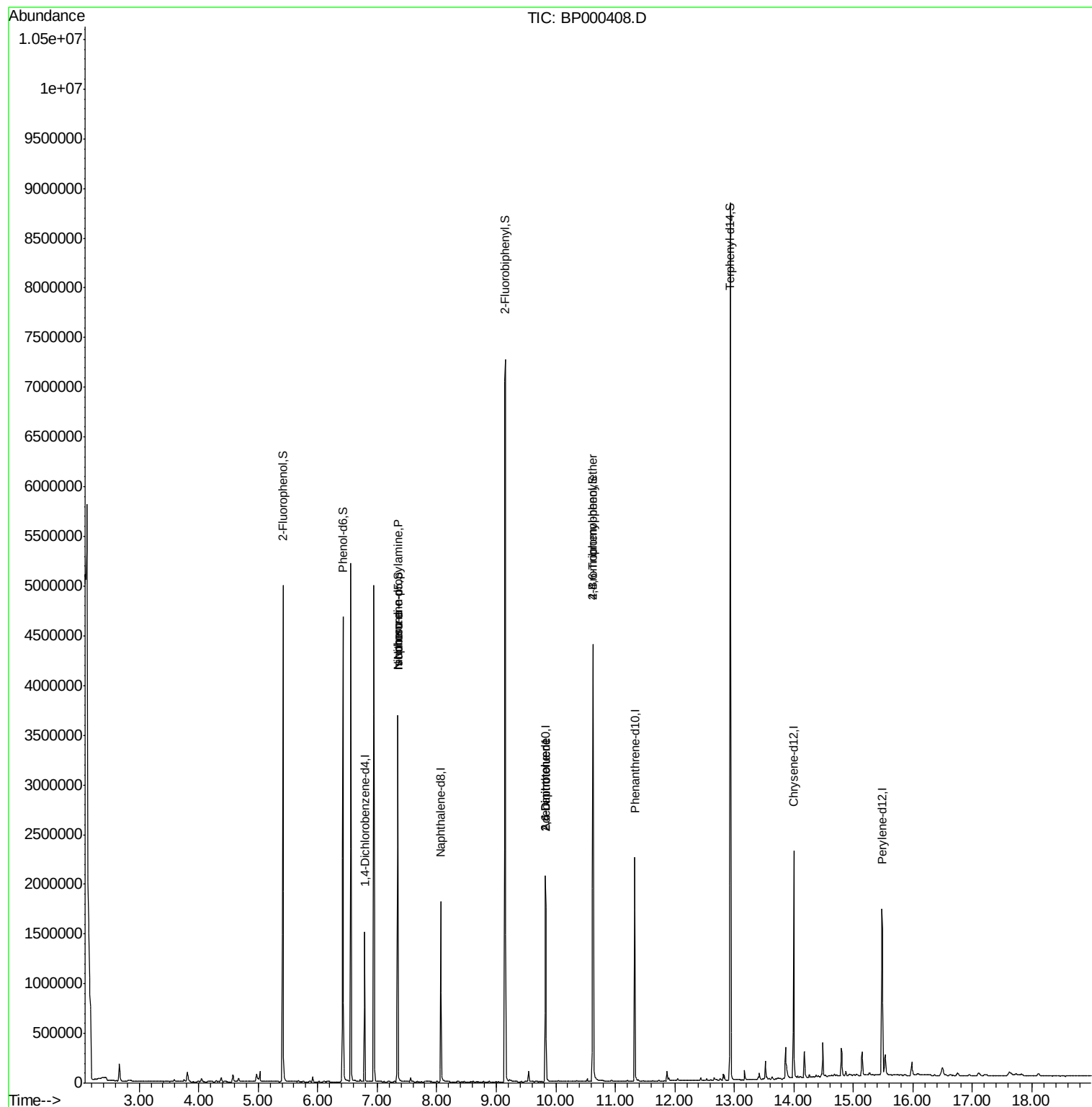
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	2655	Below Cal		# 3
19) n-Nitroso-di-n-propylamine	7.35	70	136278	17.453	ng	# 75
25) Isophorone	7.35	82	1104484	47.411	ng	# 63
51) 2,6-Dinitrotoluene	9.83	165	54327	8.597	ng	# 30
57) 2,4-Dinitrotoluene	9.83	165	54527	6.600	ng	# 35
67) 4-Bromophenyl-phenylether	10.63	248	41485	4.658	ng	# 1
69) Atrazine	11.07	200	43	Below Cal		91

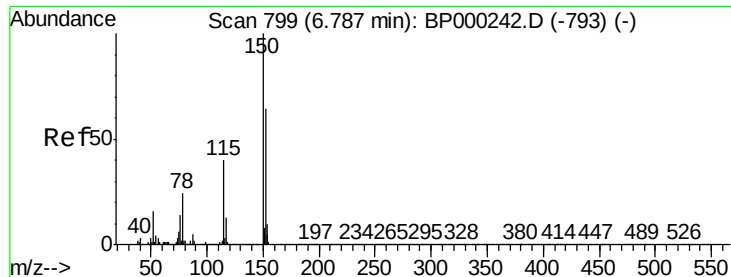
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092519\
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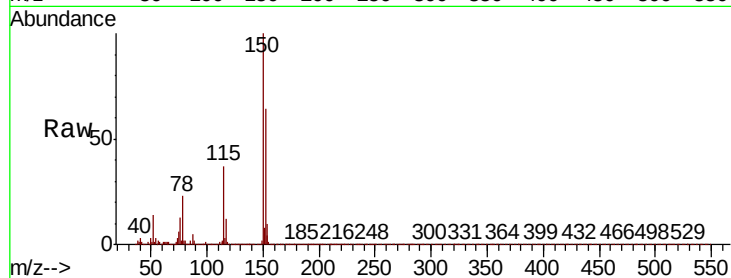


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000408.D
Acq: 25 Sep 2019 14:28

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.2	187.8
115	58.5	49.7	74.5

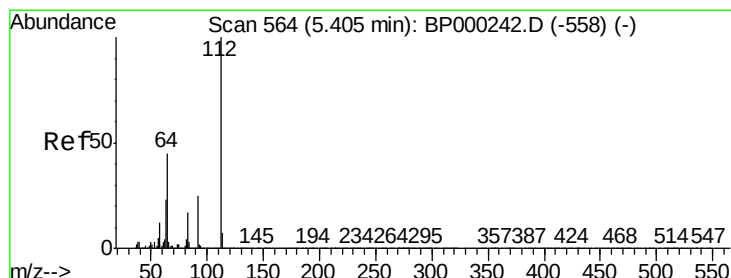
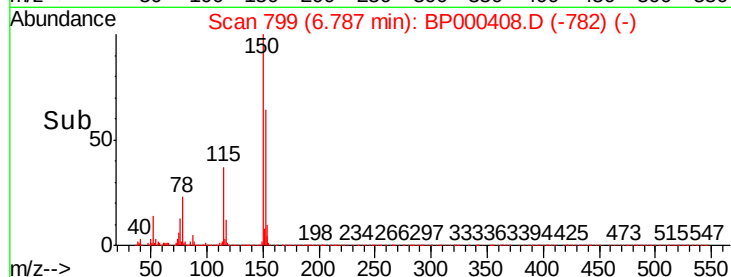
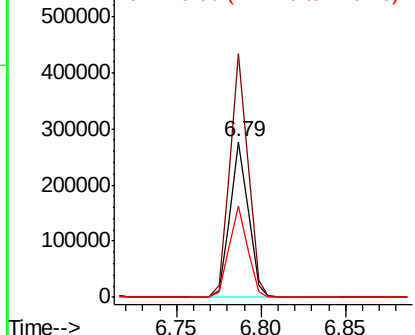


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

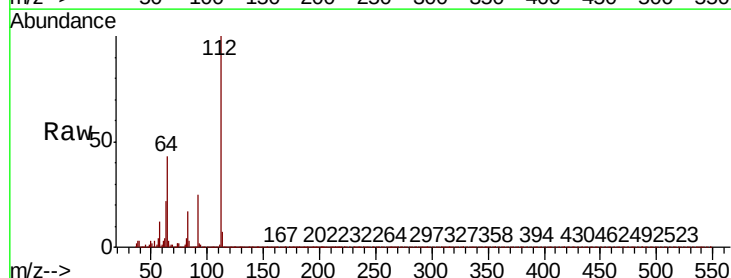
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.127 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000408.D
Acq: 25 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.2	36.2	54.4
63	22.2	18.3	27.5

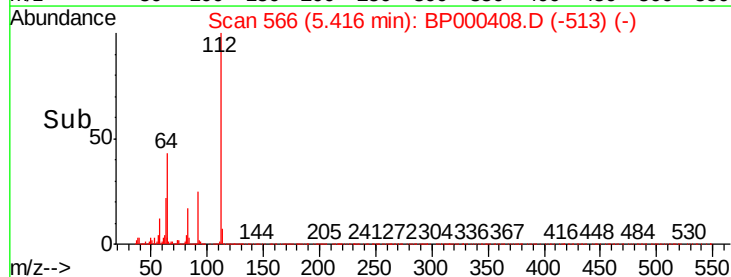
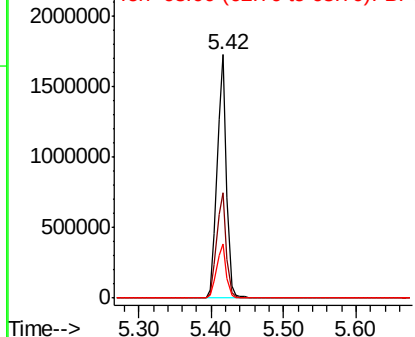


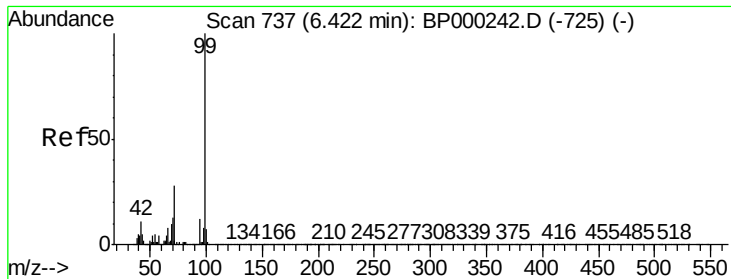
Abundance

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: 129.007 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000408.D

Acq: 25 Sep 2019 14:28

Instrument :

BNA_P

ClientSampleId :

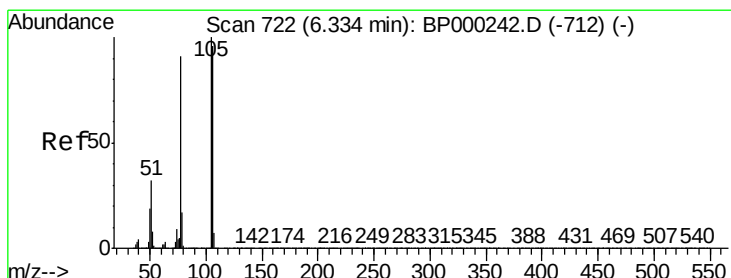
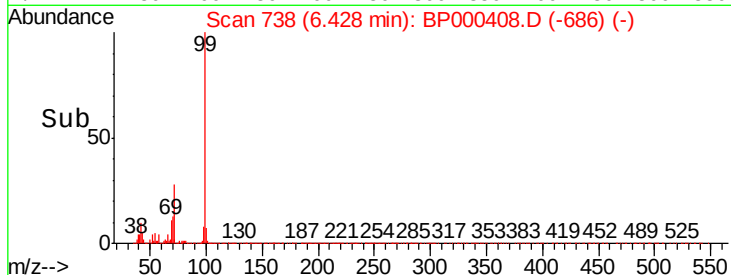
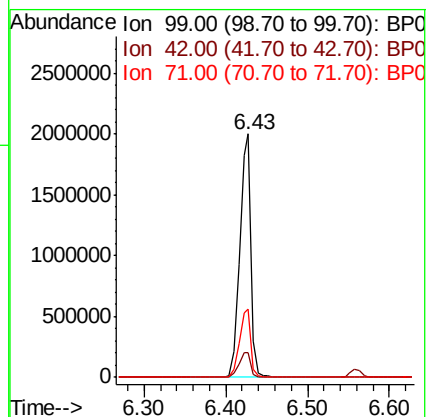
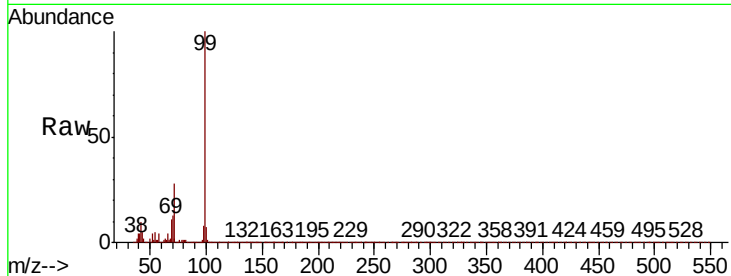
Tot Ion: 99 Resp: 1905185

Ion Ratio Lower Upper

99 100

42 10.4 8.5 12.7

71 28.2 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000408.D

Acq: 25 Sep 2019 14:28

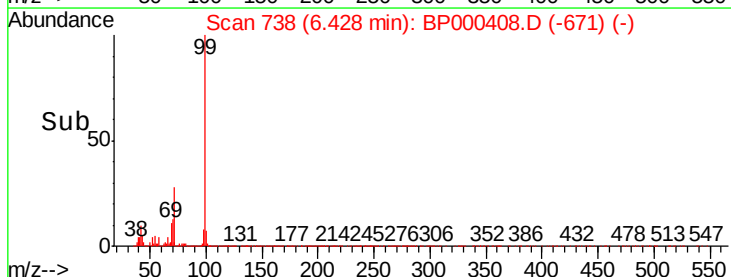
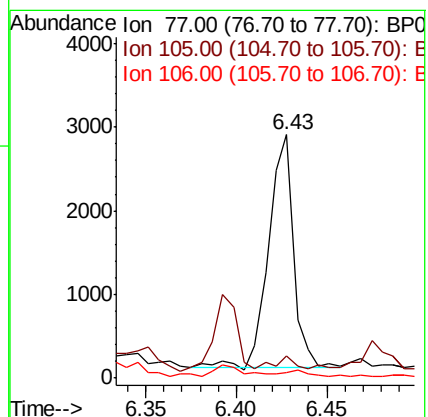
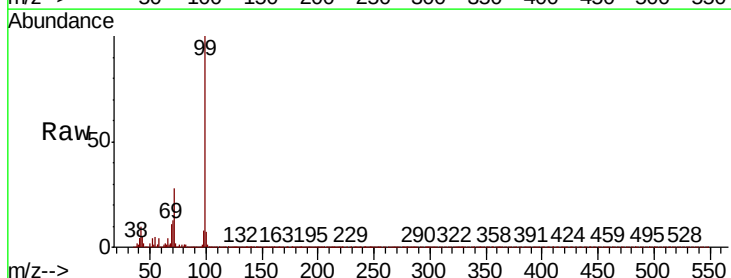
Tgt Ion: 77 Resp: 2655

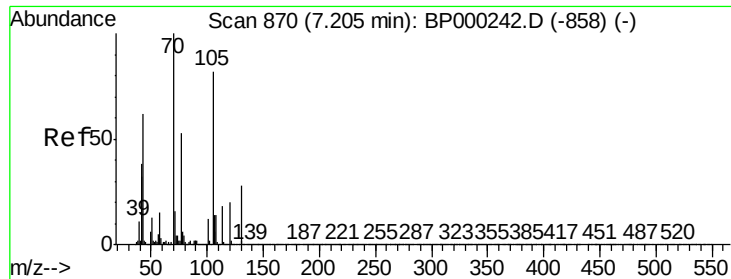
Ion Ratio Lower Upper

77 100

105 9.1 89.6 129.6#

106 2.5 84.6 124.6#

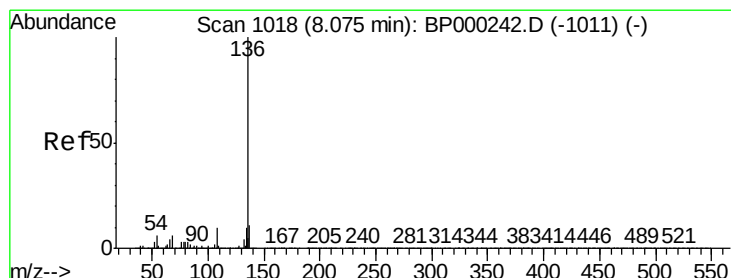
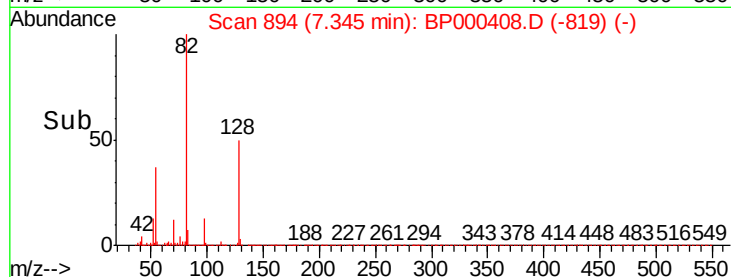
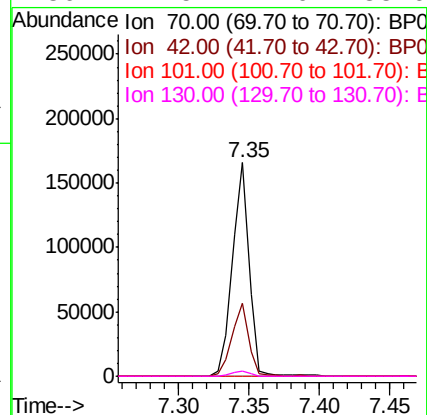
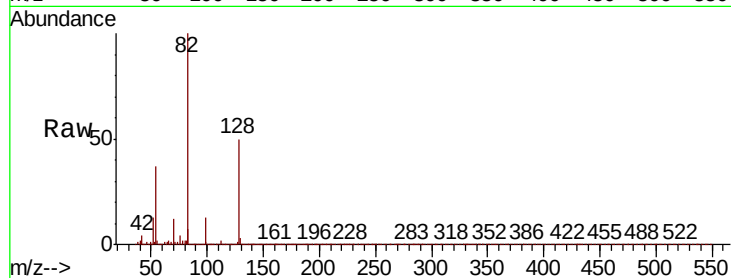




#19
n-Nitroso-di-n-propylamine
Concen: 17.453 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000408.D
Acq: 25 Sep 2019 14:28

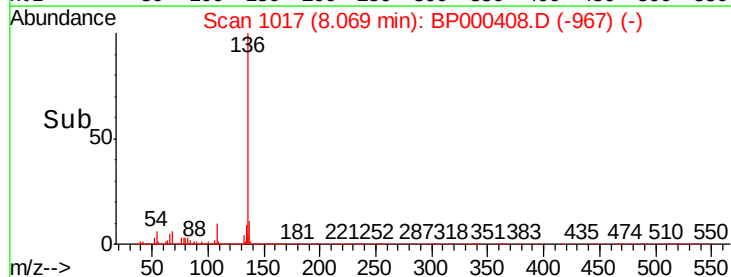
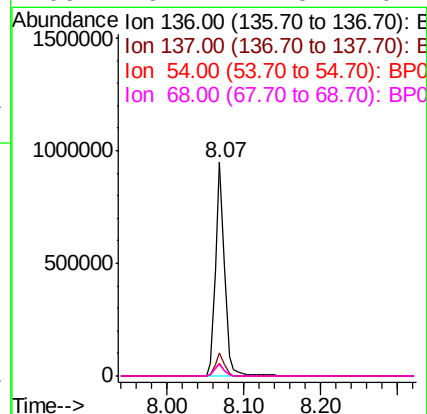
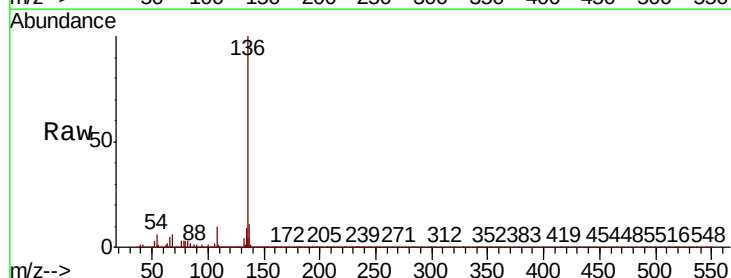
Instrument :
BNA_P
ClientSampled :

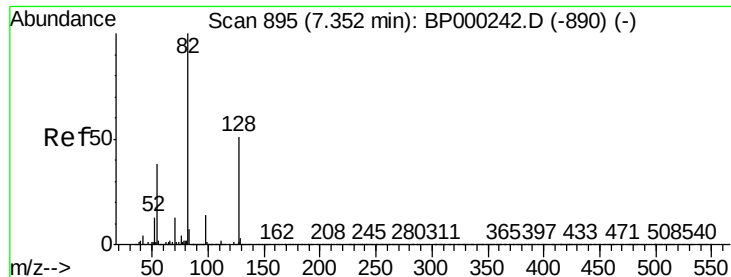
Tot Ion	Ratio	Lower	Upper
70	100		
42	34.5	30.7	46.1
101	0.0	9.6	14.4#
130	2.5	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000408.D
Acq: 25 Sep 2019 14:28

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.7	4.5	6.7
68	5.7	4.5	6.7

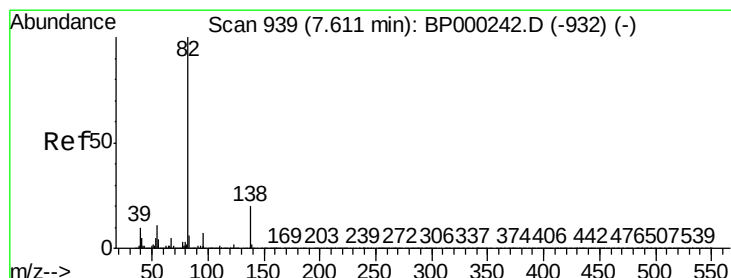
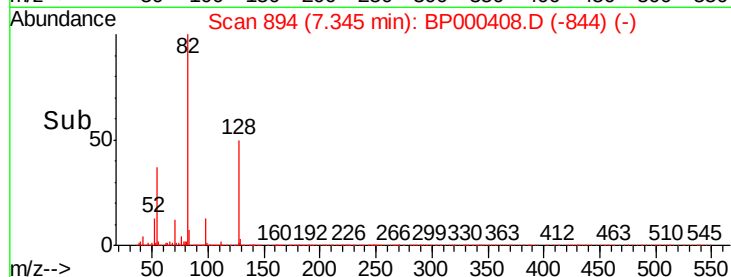
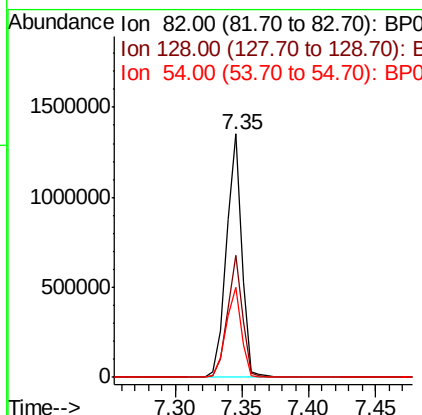
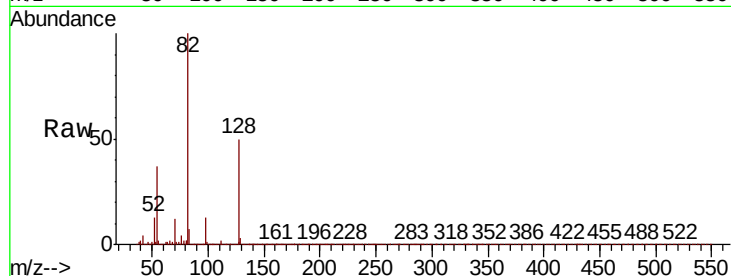




#23
Nitrobenzene-d5
Concen: 93.888 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000408.D
Acq: 25 Sep 2019 14:28

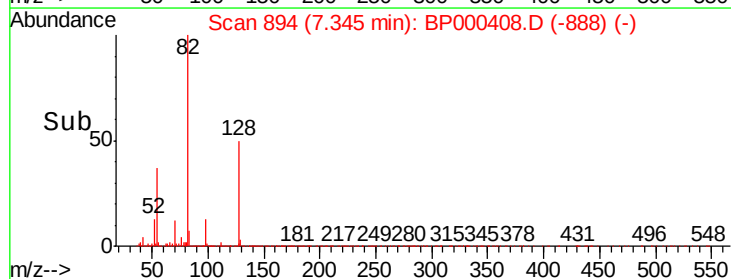
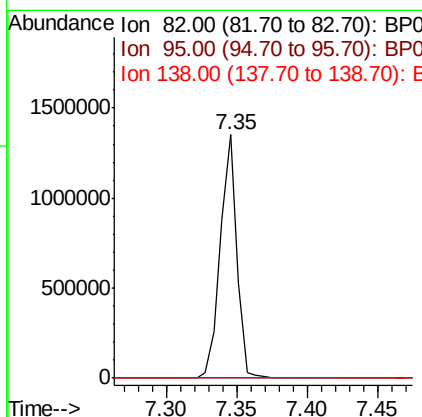
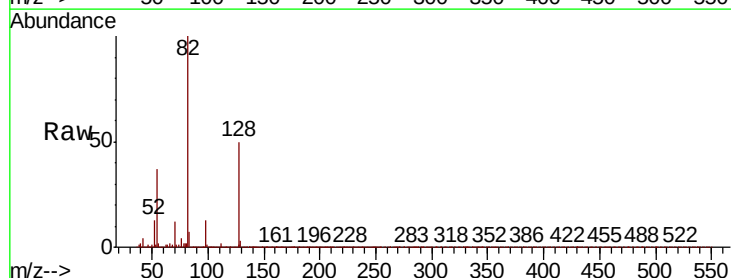
Instrument :
BNA_P
ClientSampleId :

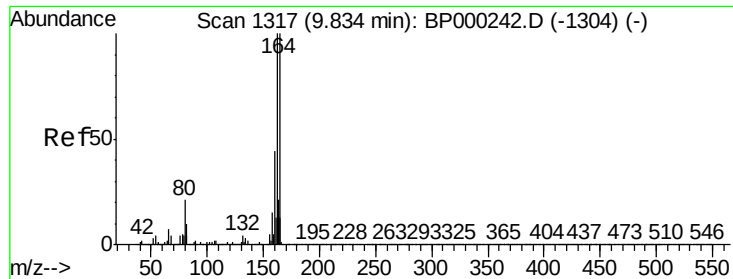
Tot Ion: 82 Resp: 1104573
Ion Ratio Lower Upper
82 100
128 50.3 40.7 61.1
54 37.2 30.1 45.1



#25
Isophorone
Concen: 47.411 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.27 min
Lab File: BP000408.D
Acq: 25 Sep 2019 14:28

Tgt Ion: 82 Resp: 1104484
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.9 23.9#

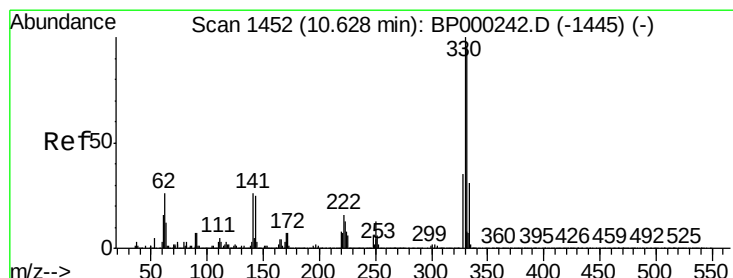
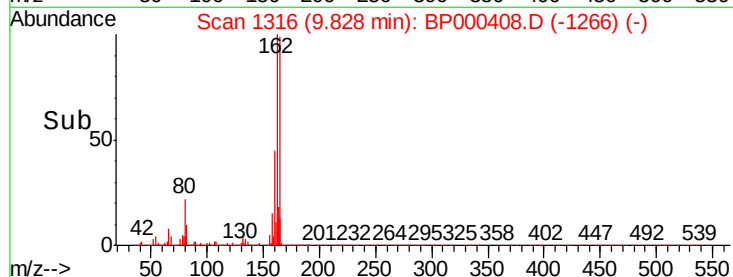
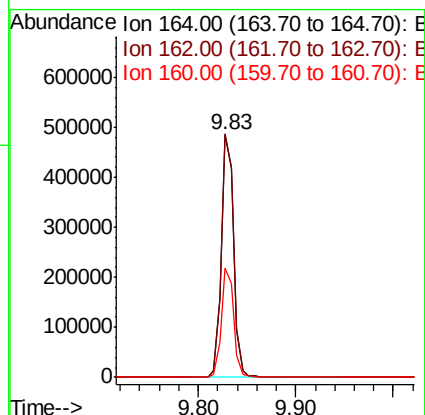
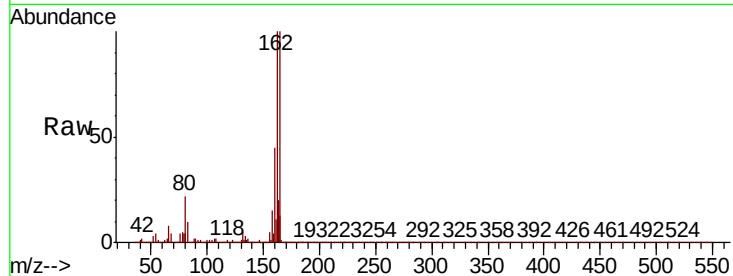




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000408.D
Acq: 25 Sep 2019 14:28

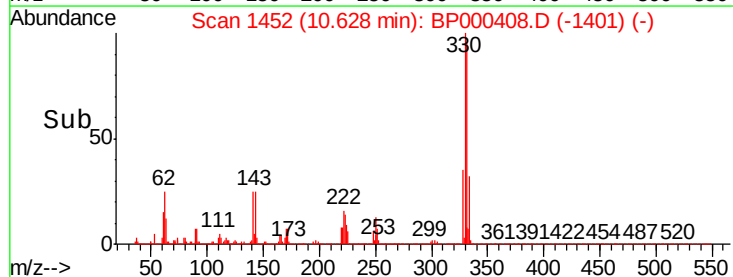
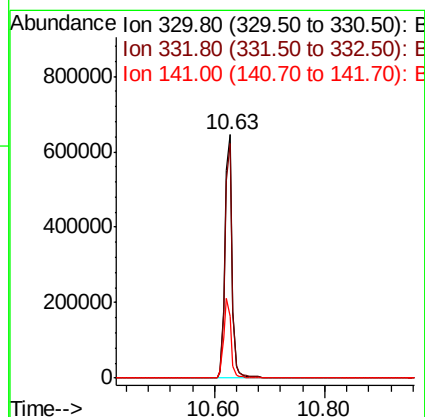
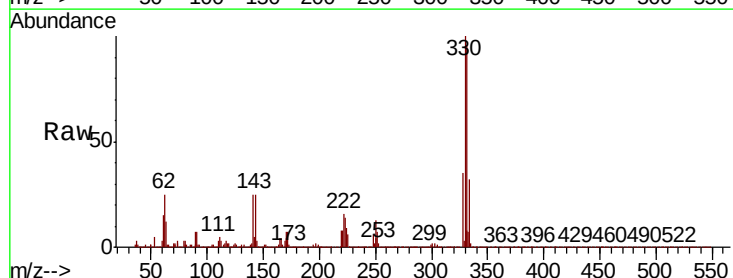
Instrument :
BNA_P
ClientSampleId :

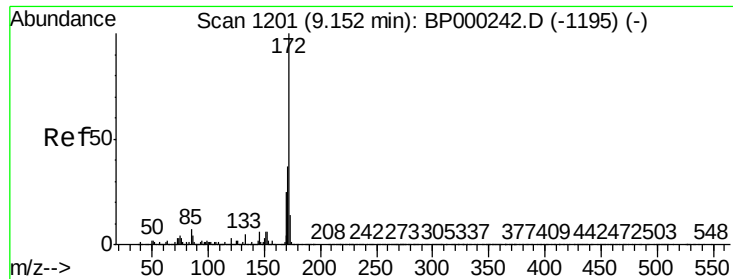
Tot Ion:164 Resp: 421858
Ion Ratio Lower Upper
164 100
162 100.3 79.9 119.9
160 45.0 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 141.421 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000408.D
Acq: 25 Sep 2019 14:28

Tgt Ion:330 Resp: 591744
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 33.2 26.5 39.7

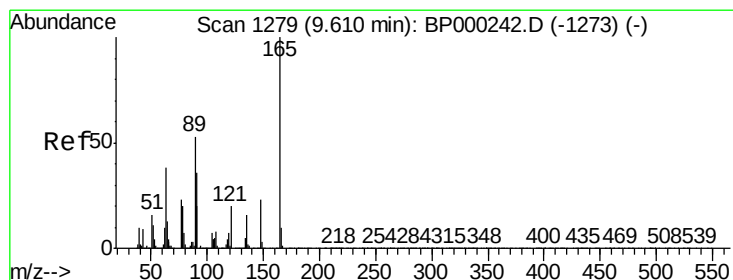
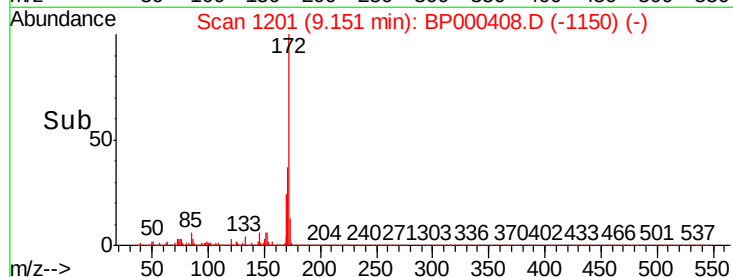
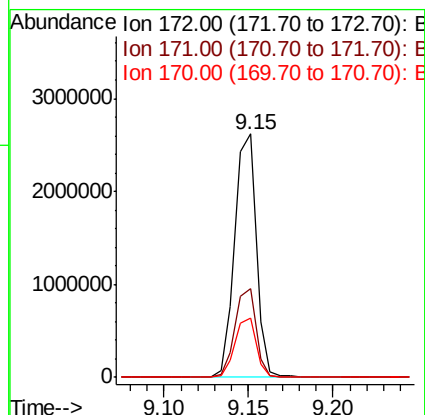
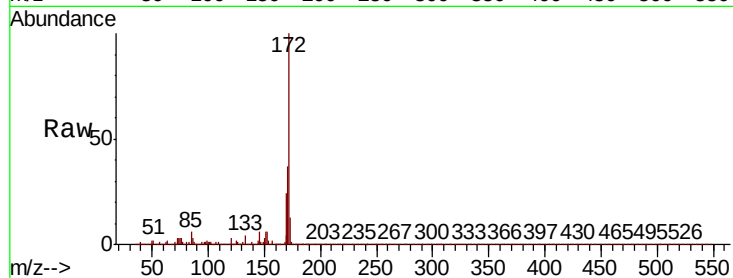




#45
2-Fluorobiphenyl
Concen: 99.513 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000408.D
Acq: 25 Sep 2019 14:28

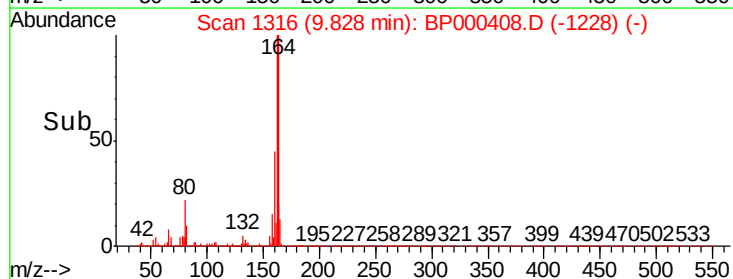
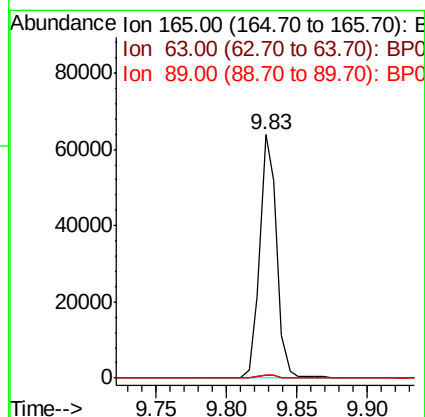
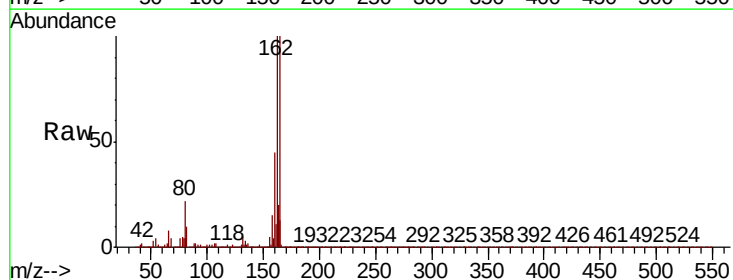
Instrument :
BNA_P
ClientSampleId :

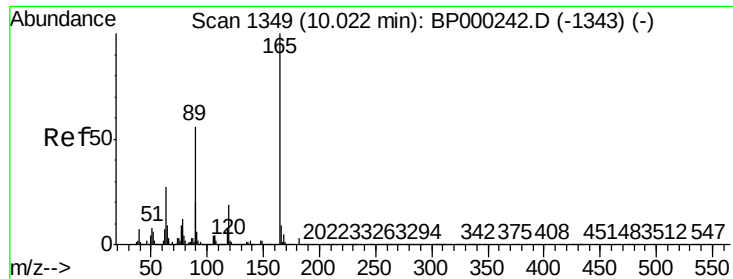
Tot Ion:172 Resp: 2332483
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.2 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.597 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.22 min
Lab File: BP000408.D
Acq: 25 Sep 2019 14:28

Tgt Ion:165 Resp: 54327
Ion Ratio Lower Upper
165 100
63 1.0 35.8 53.8#
89 1.1 42.6 63.8#





#57

2,4-Dinitrotoluene

Concen: 6.600 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BP000408.D

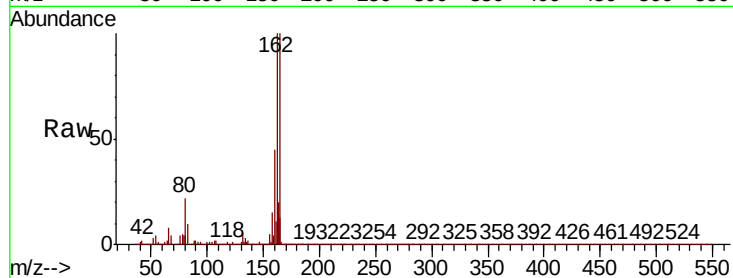
Acq: 25 Sep 2019 14:28

Instrument :

BNA_P

ClientSampled :

Tot Ion:165	Resp:	54527
Ion Ratio	Lower	Upper
165	100	
63	1.0	21.7 32.5#
89	1.1	45.0 67.6#
182	0.1	2.4 3.6#

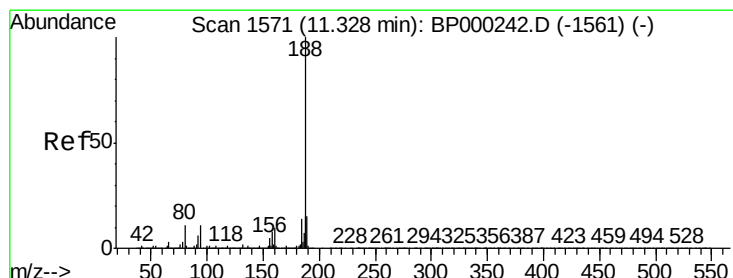
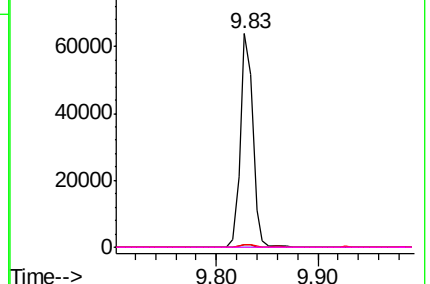
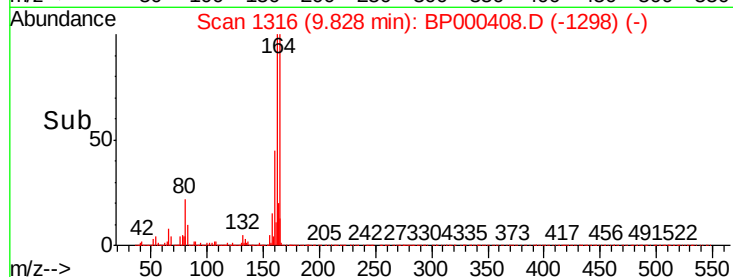


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

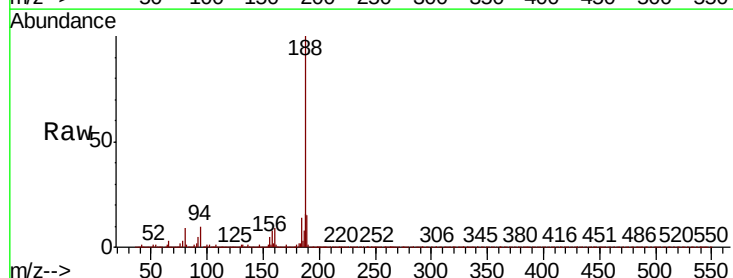
RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000408.D

Acq: 25 Sep 2019 14:28

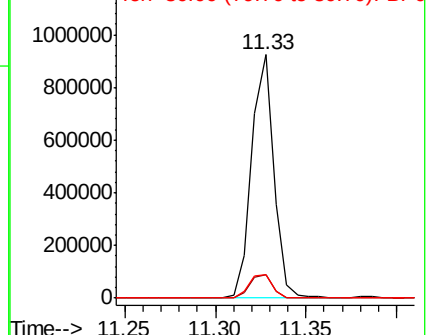
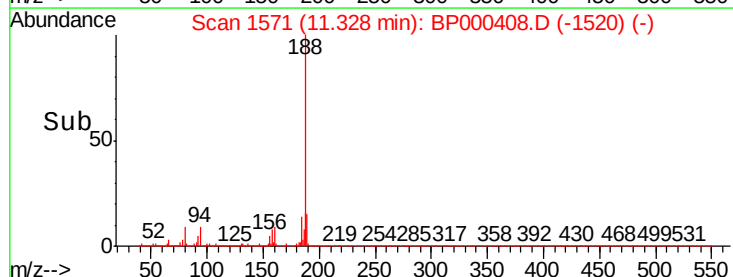
Tgt Ion:188	Resp:	787648
Ion Ratio	Lower	Upper
188	100	
94	9.5	8.5 12.7
80	9.4	8.6 13.0

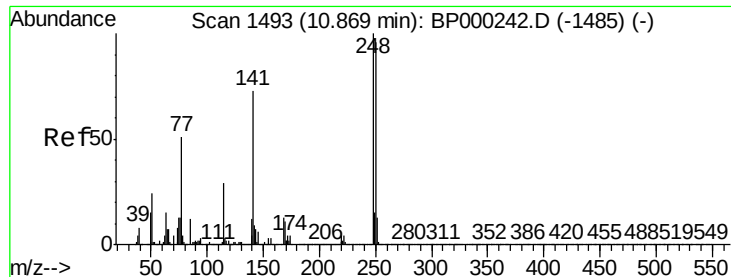


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#67

4-Bromophenyl-phenylether

Concen: 4.658 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000408.D

Acq: 25 Sep 2019 14:28

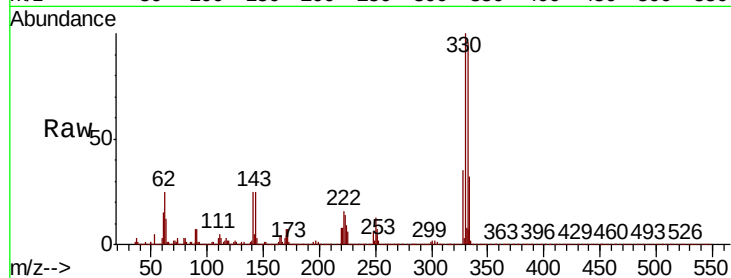
Instrument :

BNA_P

ClientSampled :

Tot Ion:248 Resp: 41485

Ion	Ratio	Lower	Upper
248	100		
250	200.7	77.0	115.4#
141	393.4	58.5	87.7#

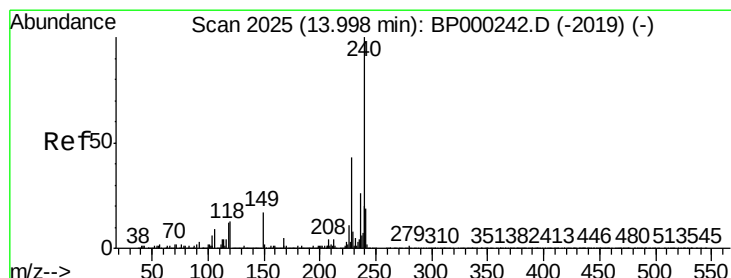
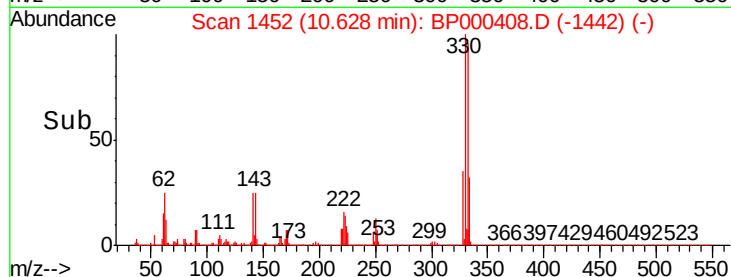
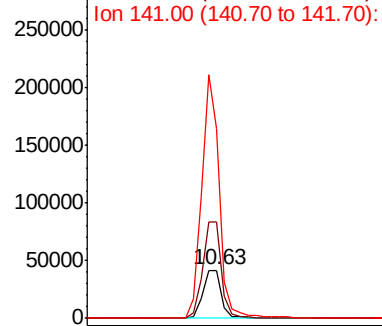


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

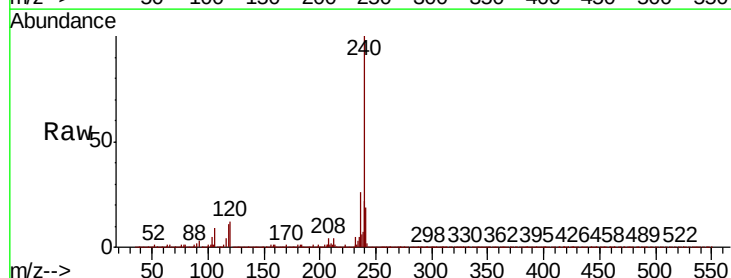
Delta R.T. -0.00 min

Lab File: BP000408.D

Acq: 25 Sep 2019 14:28

Tgt Ion:240 Resp: 707327

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.4	15.6
236	26.2	21.0	31.6

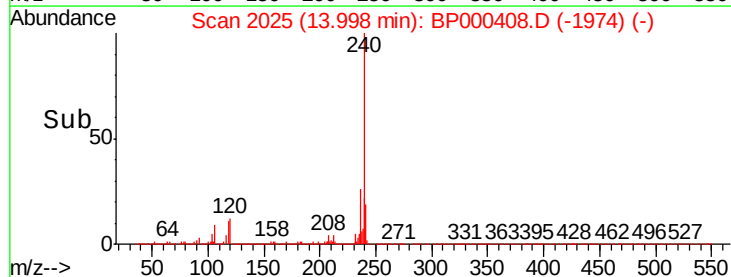
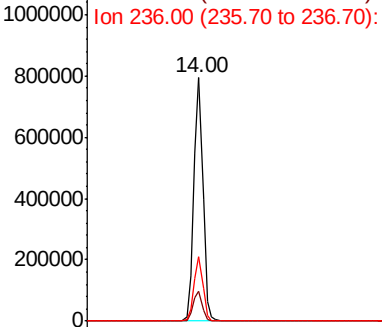


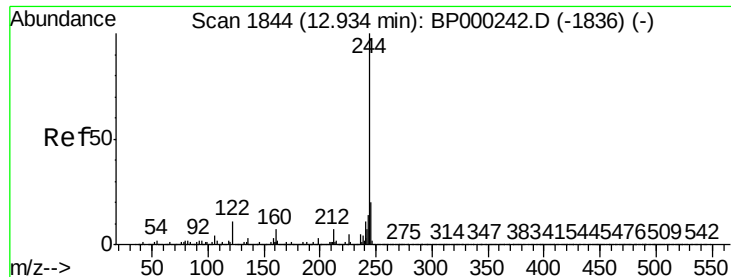
Abundance

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: 88.348 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000408.D

Acq: 25 Sep 2019 14:28

Instrument :

BNA_P

ClientSampleId :

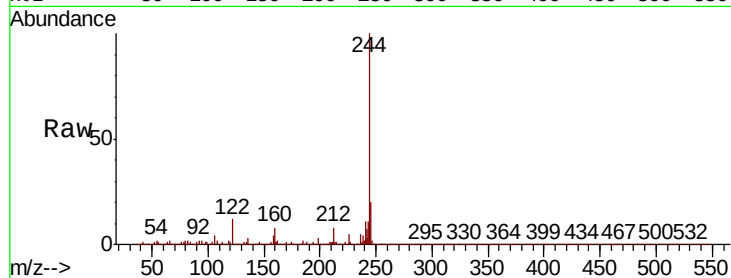
Tot Ion:244 Resp: 2978809

Ion Ratio Lower Upper

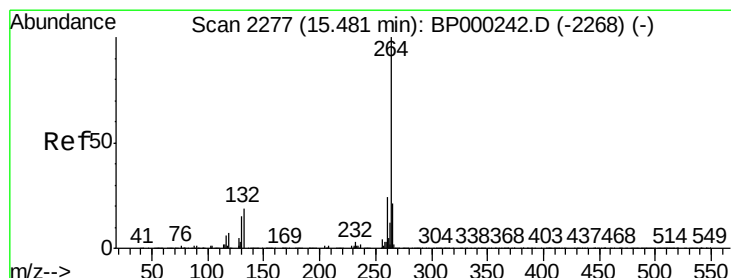
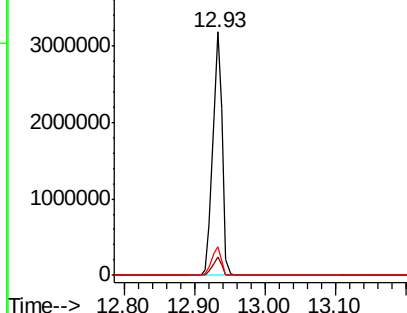
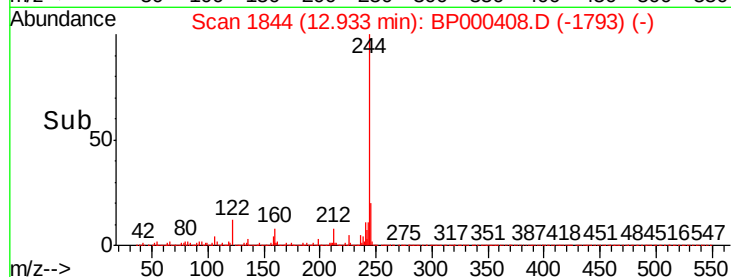
244 100

212 7.6 5.9 8.9

122 11.8 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

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BP000408.D

Acq: 25 Sep 2019 14:28

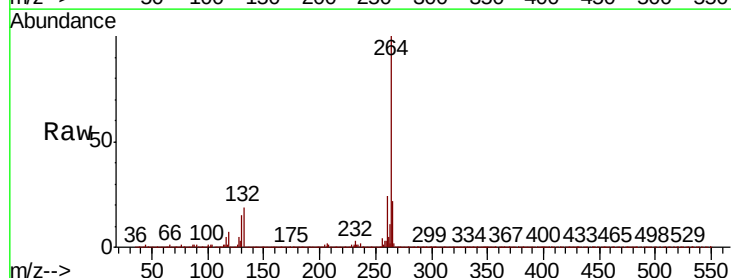
Tgt Ion:264 Resp: 771421

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.9 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

