

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000440.D
 Acq On : 26 Sep 2019 23:37
 Operator : JU
 Sample : PB123396TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 05:42:20 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

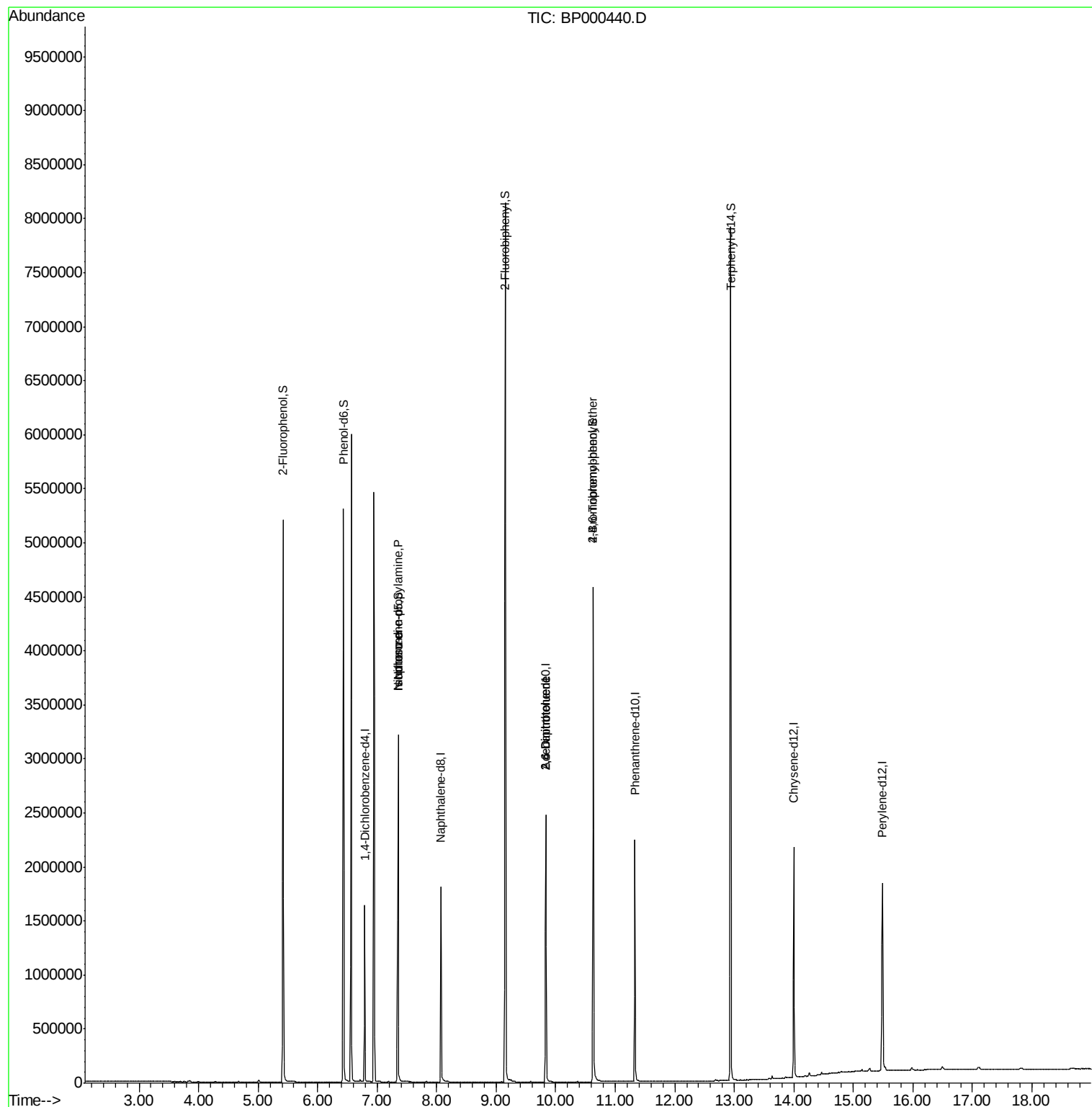
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	249022	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	874367	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	473706	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	855632	20.00	ng	0.00
76) Chrysene-d12	14.00	240	744927	20.00	ng	0.00
87) Perylene-d12	15.49	264	823618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1661486	115.18	ng	0.02
7) Phenol-d6	6.43	99	2057498	116.36	ng	0.01
23) Nitrobenzene-d5	7.35	82	1163511	85.86	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	581316	123.72	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2462808	93.57	ng	0.00
79) Terphenyl-d14	12.94	244	2966523	83.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	2877	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	141273	15.112 ng	#	76
25) Isophorone	7.35	82	1161965	43.301 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	61685	8.692 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	61829	6.665 ng	#	35
67) 4-Bromophenyl-phenylether	10.63	248	40463	4.182 ng	#	1
69) Atrazine	11.17	200	19	Below Cal		79

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

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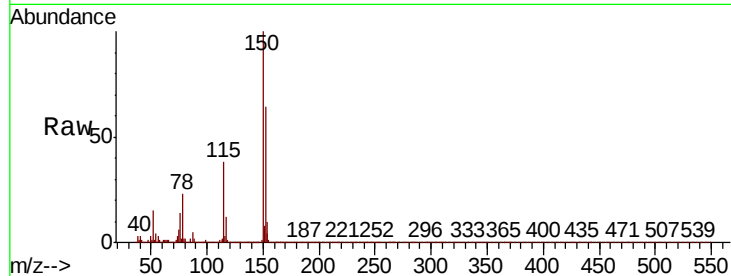


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.2	187.8
115	60.1	49.7	74.5

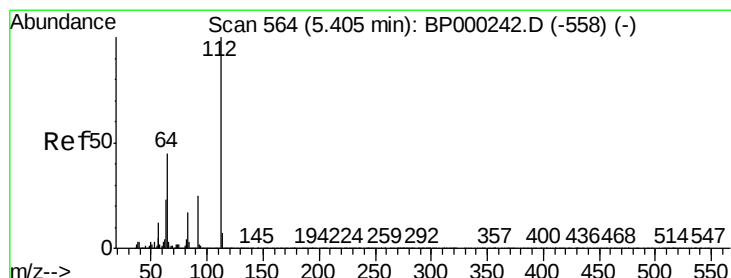
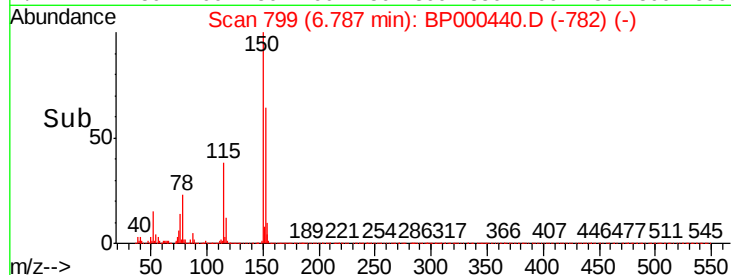
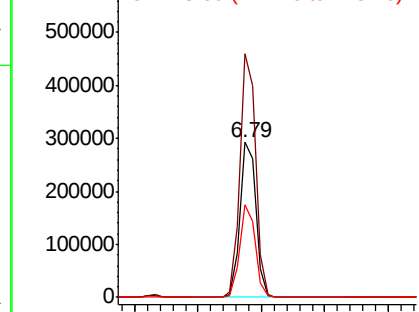


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

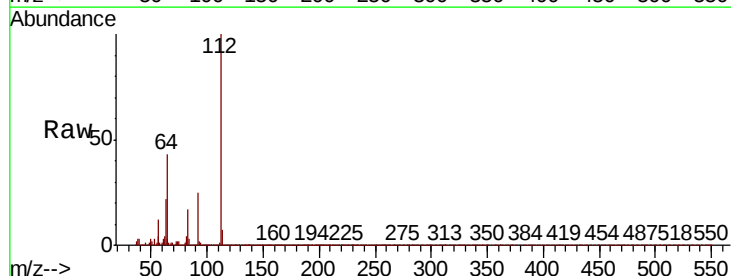
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.183 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.1	36.2	54.4
63	22.0	18.3	27.5

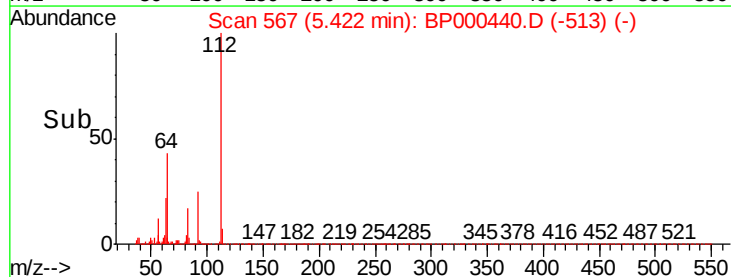
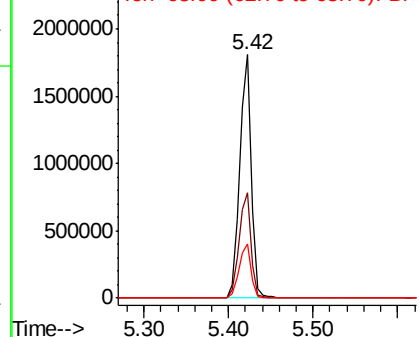


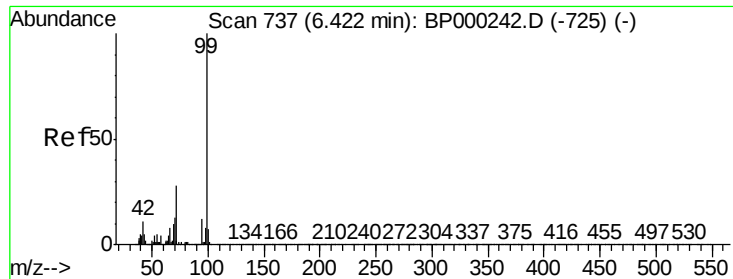
Abundance

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: 116.363 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000440.D

Acq: 26 Sep 2019 23:37

Instrument :

BNA_P

ClientSampleId :

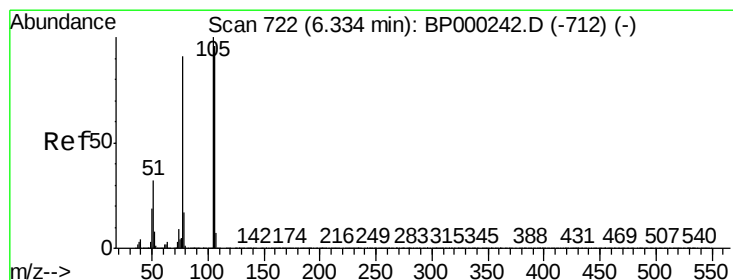
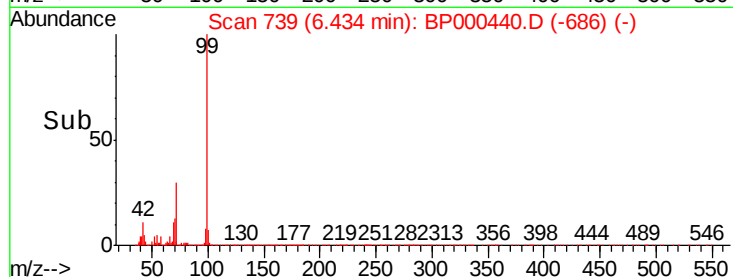
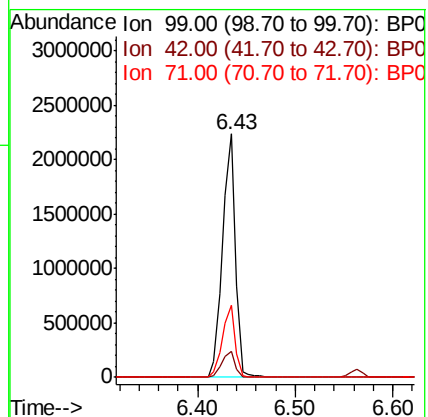
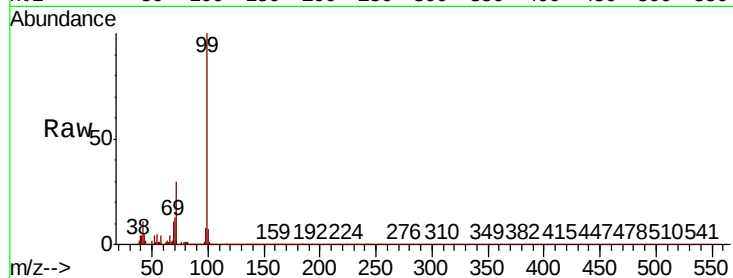
Tot Ion: 99 Resp: 2057498

Ion Ratio Lower Upper

99 100

42 10.9 8.5 12.7

71 29.8 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 739

Delta R.T. 0.10 min

Lab File: BP000440.D

Acq: 26 Sep 2019 23:37

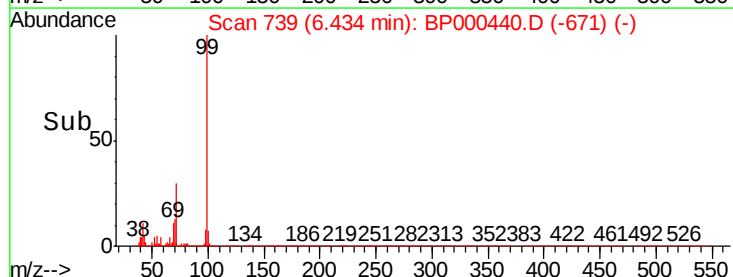
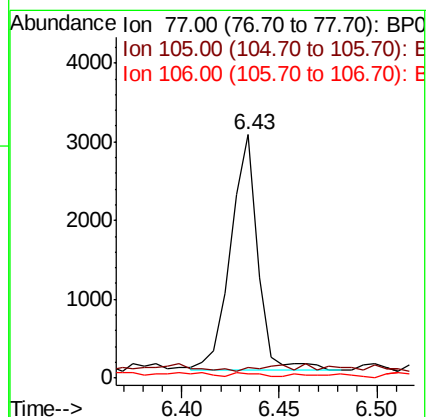
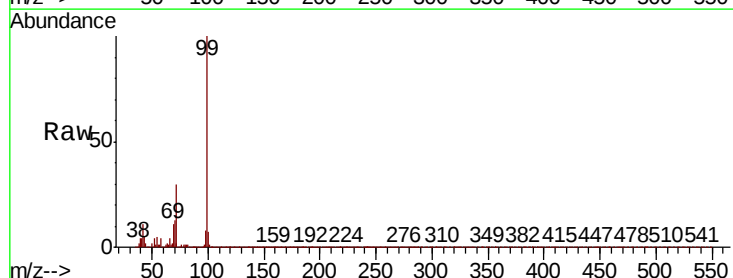
Tgt Ion: 77 Resp: 2877

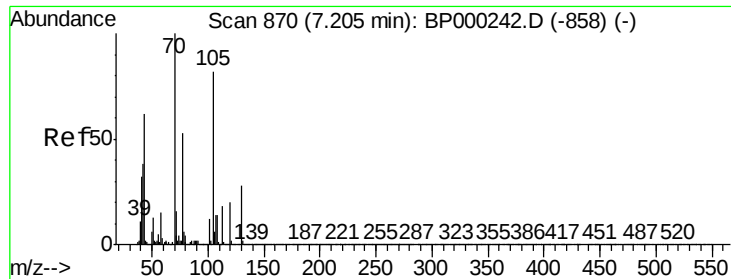
Ion Ratio Lower Upper

77 100

105 4.1 89.6 129.6#

106 1.5 84.6 124.6#

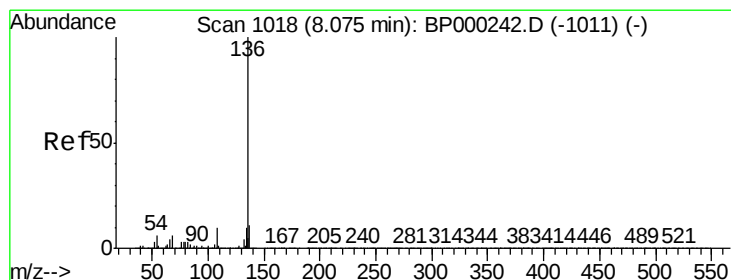
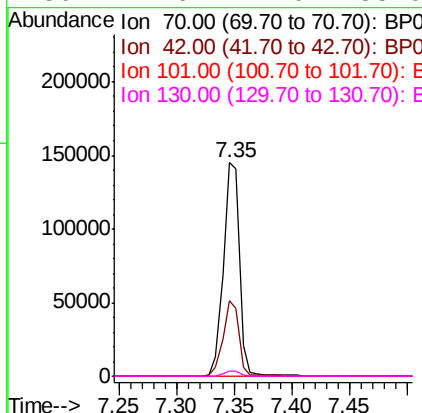
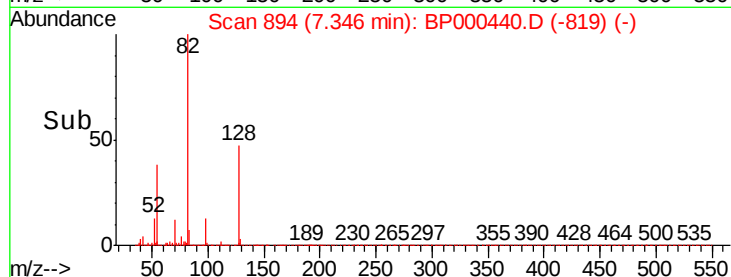
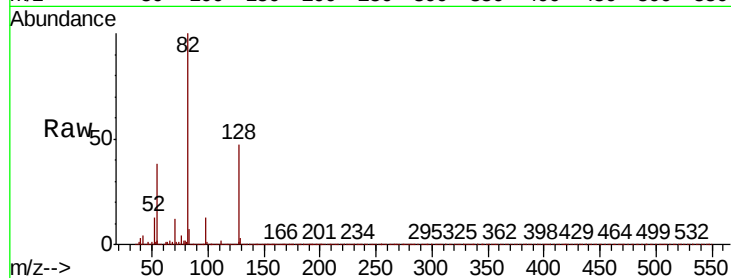




#19
n-Nitroso-di-n-propylamine
Concen: 15.112 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

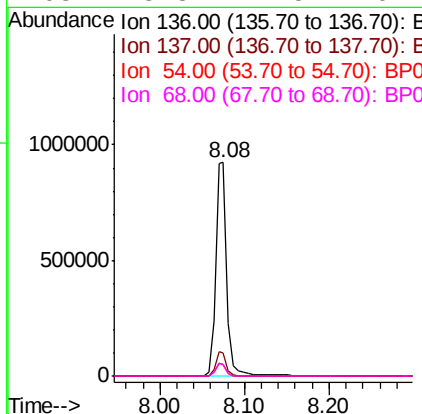
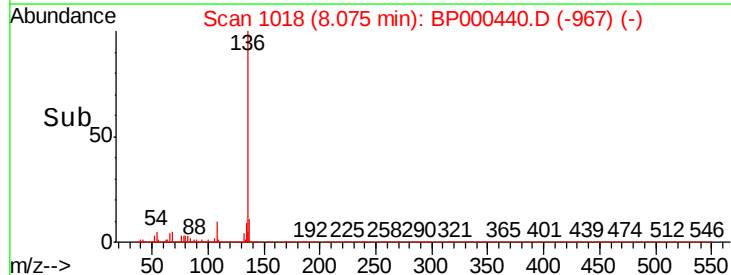
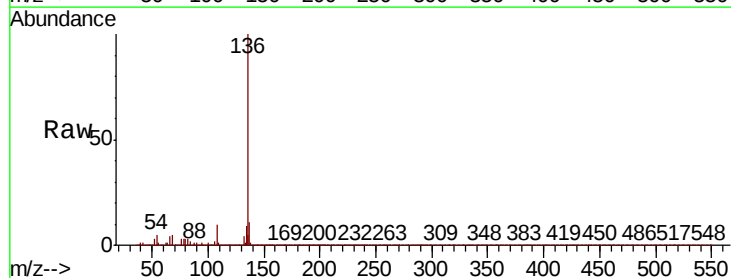
Instrument :
BNA_P
ClientSampleId :

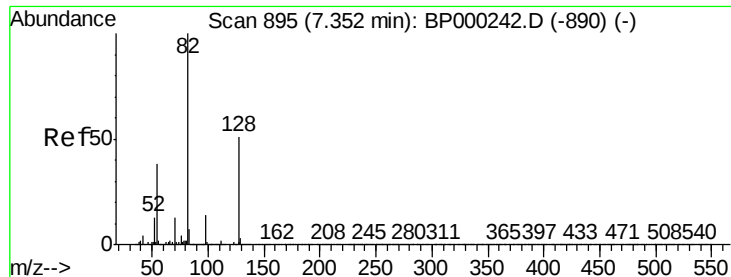
Tot Ion: 70 Resp: 141273
Ion Ratio Lower Upper
70 100
42 35.7 30.7 46.1
101 0.0 9.6 14.4#
130 2.6 22.0 33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

Tgt Ion:136 Resp: 874367
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.2 4.5 6.7
68 5.3 4.5 6.7

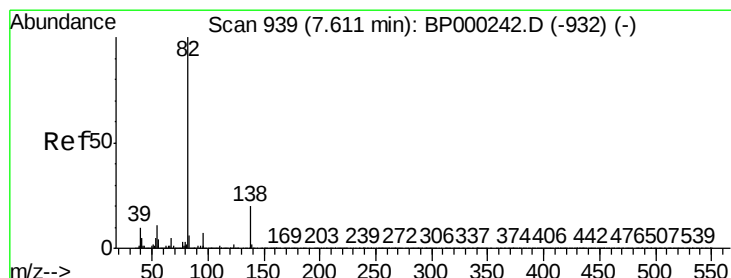
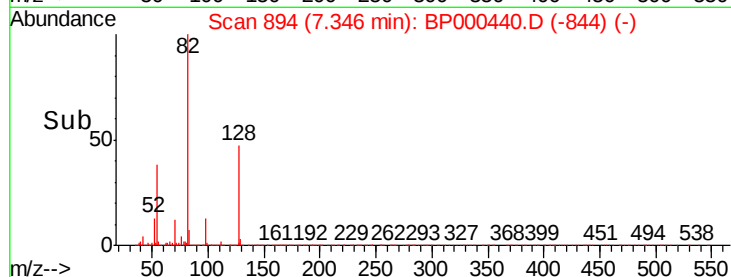
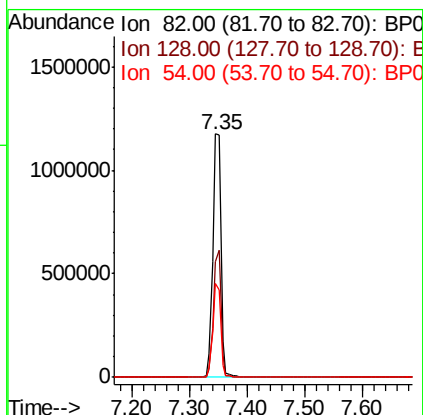
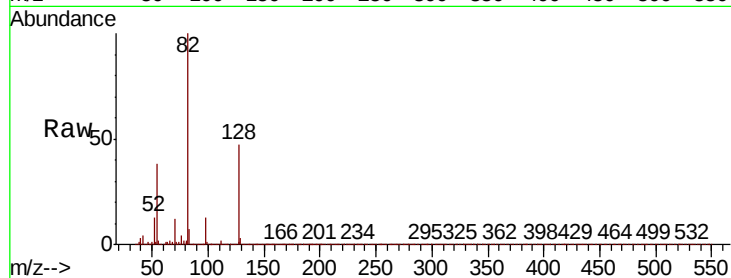




#23
Nitrobenzene-d5
Concen: 85.855 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

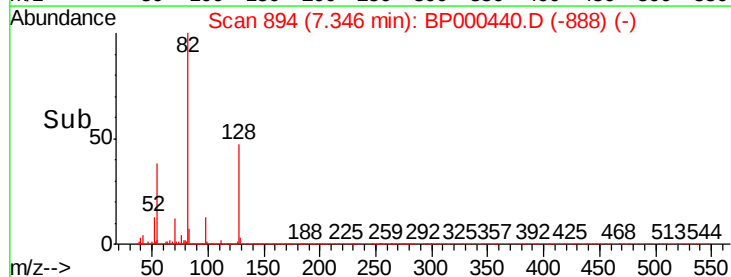
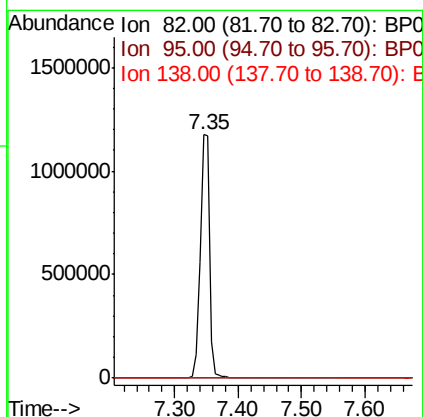
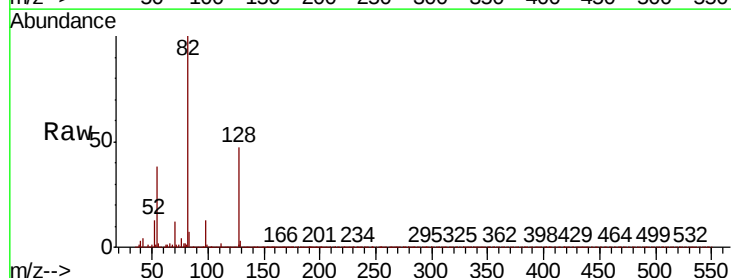
Instrument :
BNA_P
ClientSampleId :

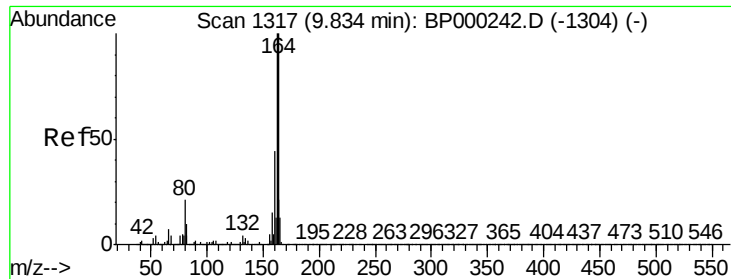
Tot Ion: 82 Resp: 1163511
Ion Ratio Lower Upper
82 100
128 47.3 40.7 61.1
54 38.4 30.1 45.1



#25
Isophorone
Concen: 43.301 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

Tgt Ion: 82 Resp: 1161965
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.9 23.9#

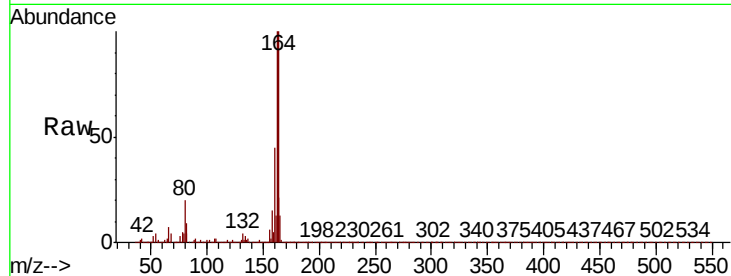




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BP000440.D
 Acq: 26 Sep 2019 23:37

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.9	119.9
160	44.8	35.6	53.4

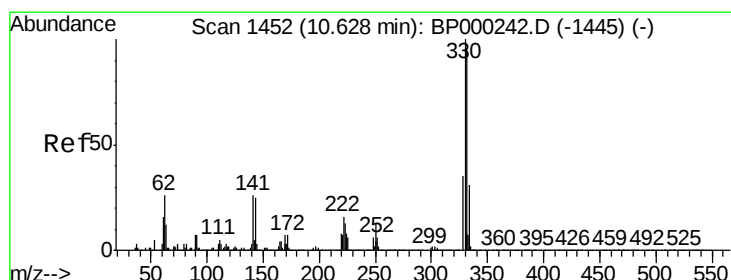
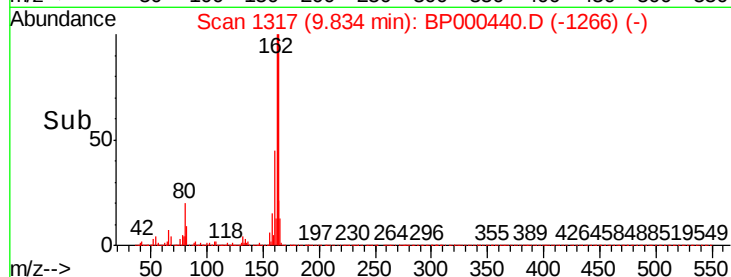
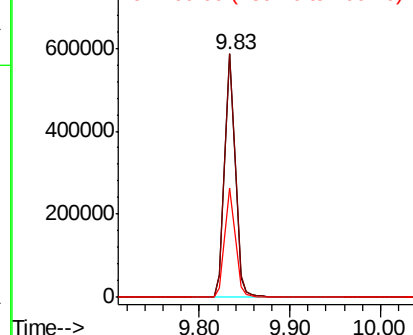


Abundance

Ion 164.00 (163.70 to 164.70): E

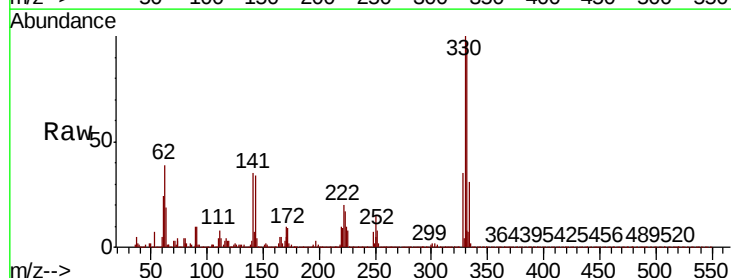
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 123.723 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BP000440.D
 Acq: 26 Sep 2019 23:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	32.9	26.5	39.7

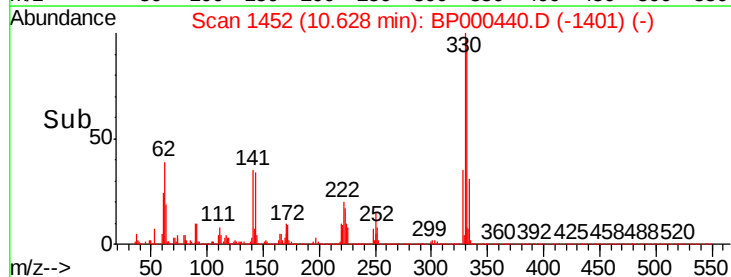
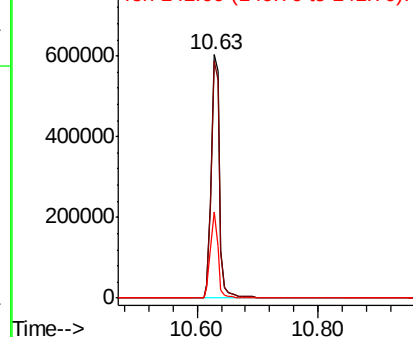


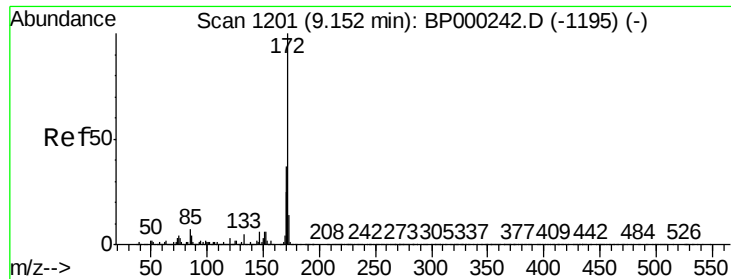
Abundance

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

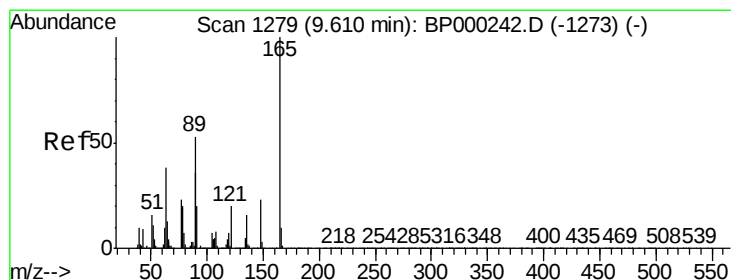
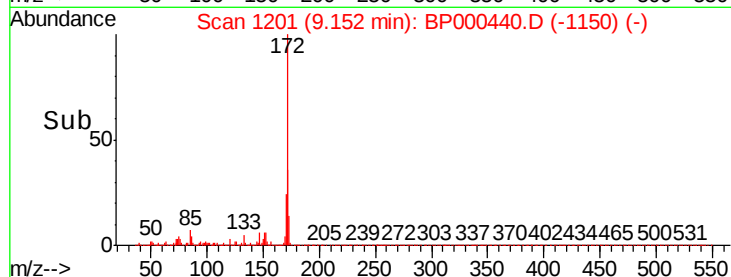
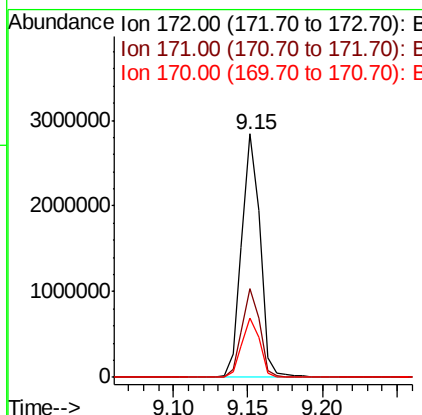
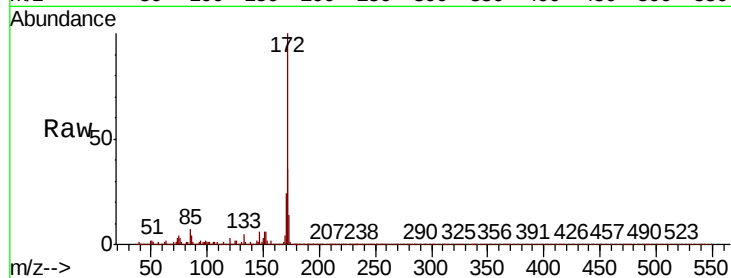




#45
2-Fluorobiphenyl
Concen: 93.572 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

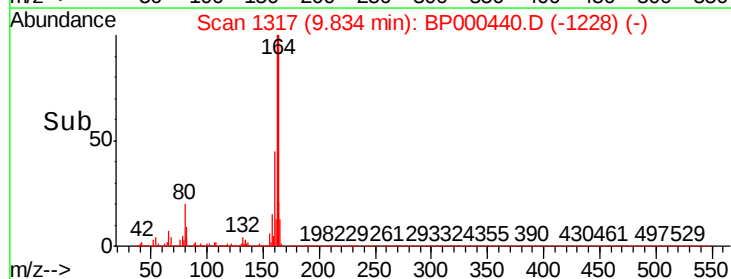
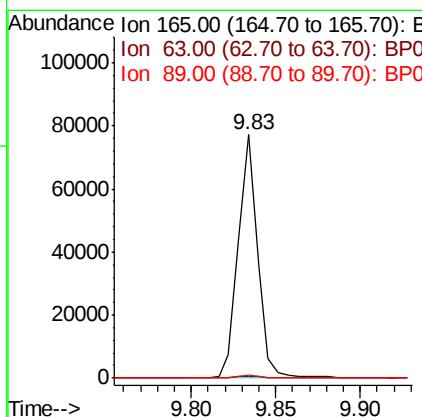
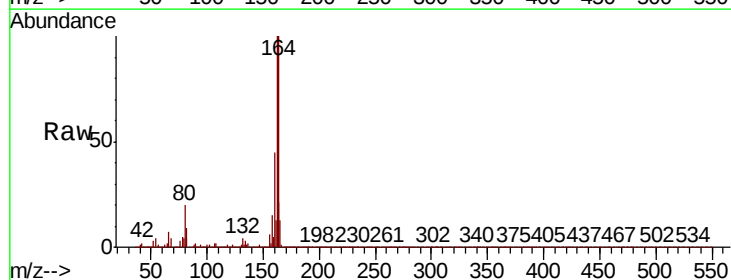
Instrument :
BNA_P
ClientSampleId :

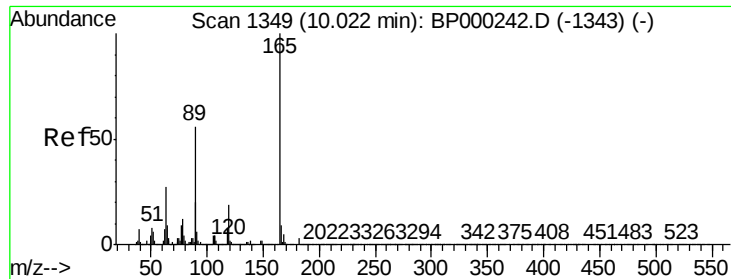
Tot Ion:172 Resp: 2462808
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.4 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.692 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.22 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

Tgt Ion:165 Resp: 61685
Ion Ratio Lower Upper
165 100
63 0.9 35.8 53.8#
89 1.2 42.6 63.8#

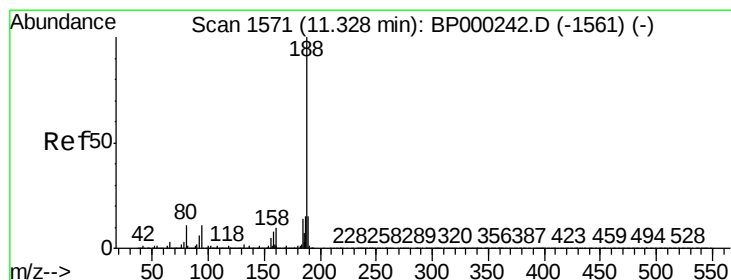
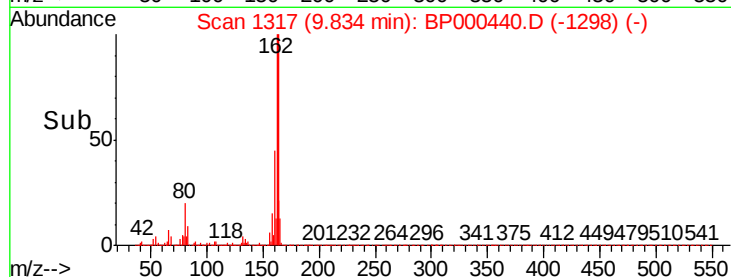
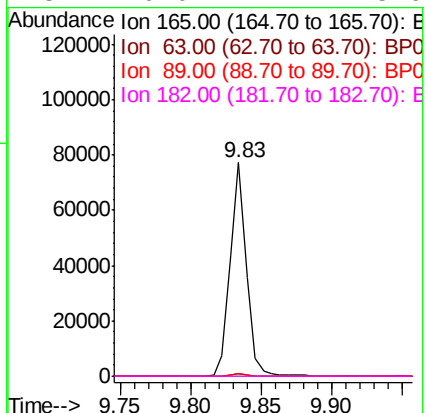
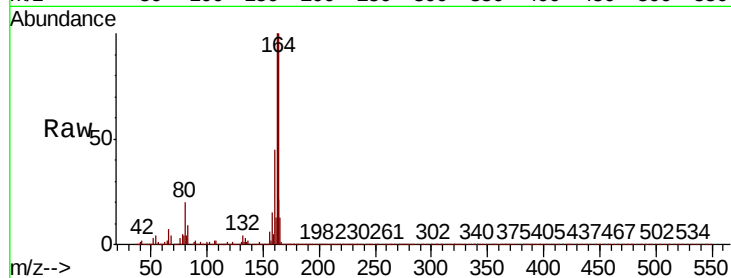




#57
 2,4-Dinitrotoluene
 Concen: 6.665 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BP000440.D
 Acq: 26 Sep 2019 23:37

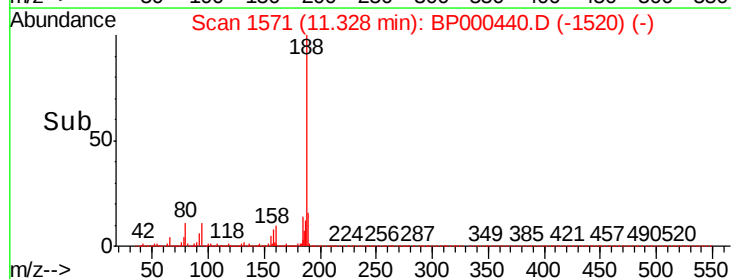
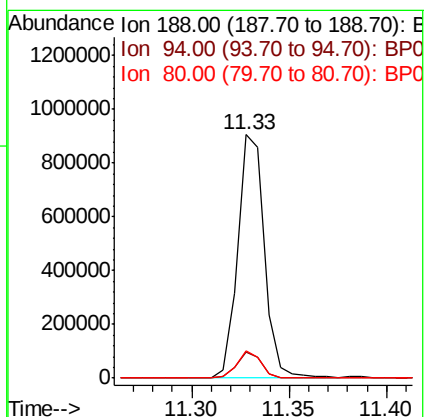
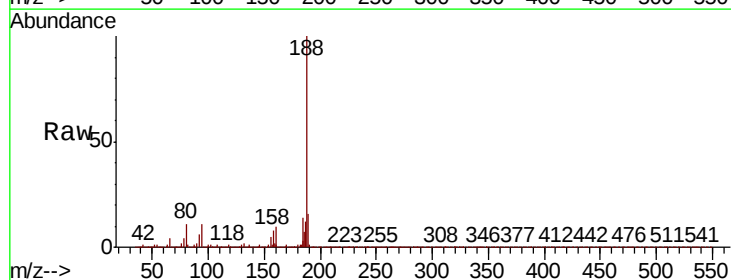
Instrument :
 BNA_P
 ClientSampleId :

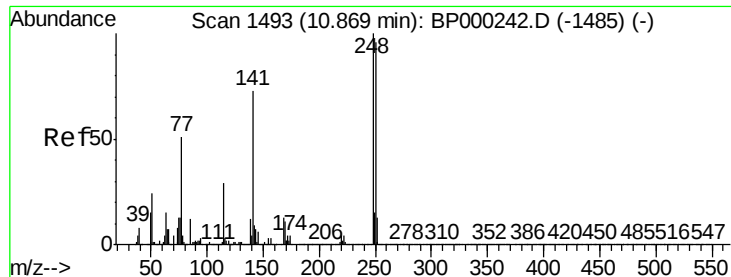
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	21.7	32.5#
89	1.2	45.0	67.6#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BP000440.D
 Acq: 26 Sep 2019 23:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.3	8.6	13.0

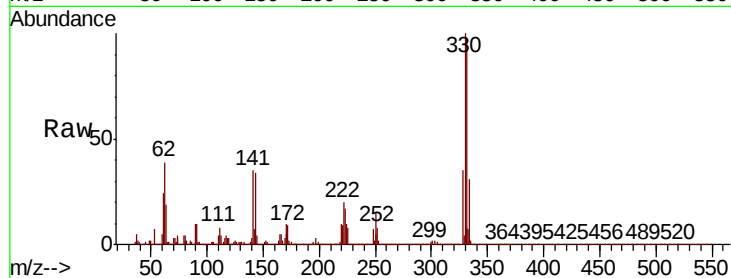




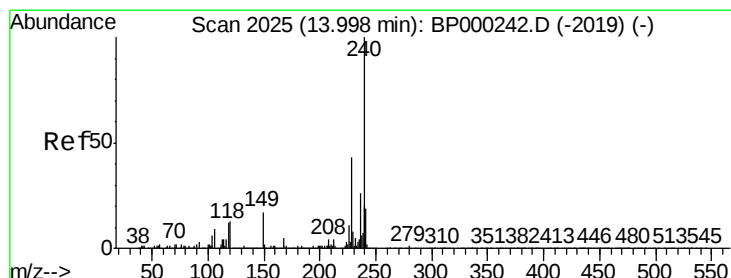
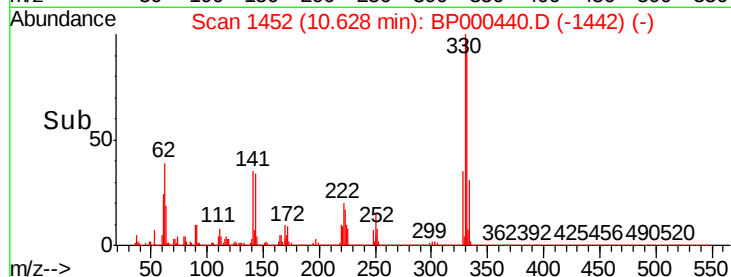
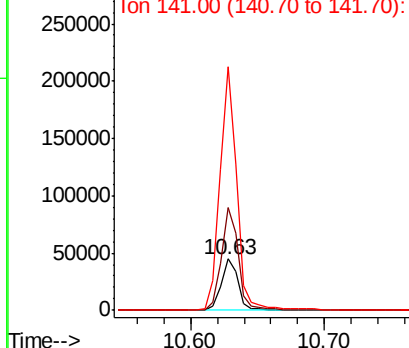
#67
4-Bromophenyl-phenylether
Concen: 4.182 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 40463
Ion Ratio Lower Upper
248 100
250 199.5 77.0 115.4#
141 474.4 58.5 87.7#

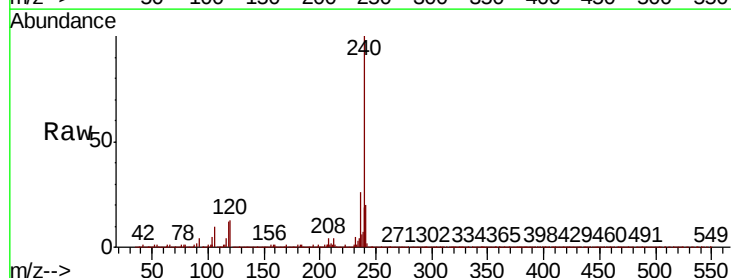


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

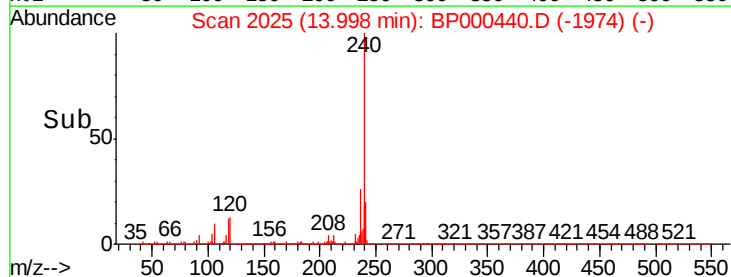
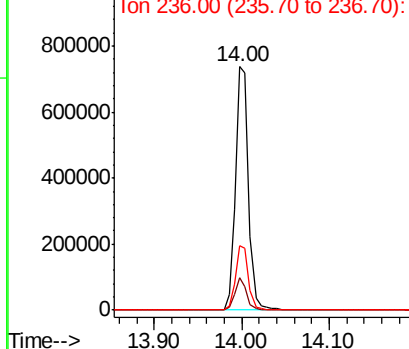


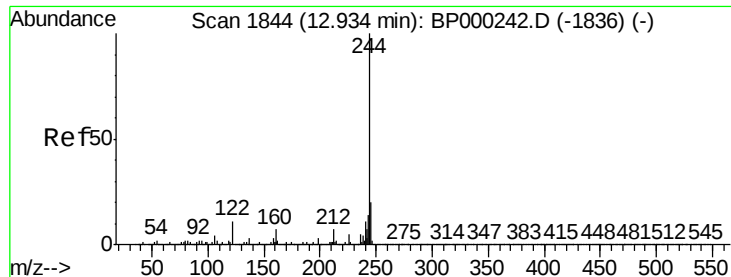
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000440.D
Acq: 26 Sep 2019 23:37

Tgt Ion:240 Resp: 744927
Ion Ratio Lower Upper
240 100
120 13.2 10.4 15.6
236 26.3 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: 83.542 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000440.D

Acq: 26 Sep 2019 23:37

Instrument :

BNA_P

ClientSampleId :

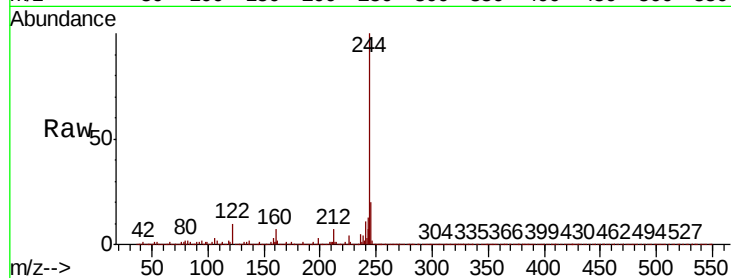
Tot Ion:244 Resp: 2966523

Ion Ratio Lower Upper

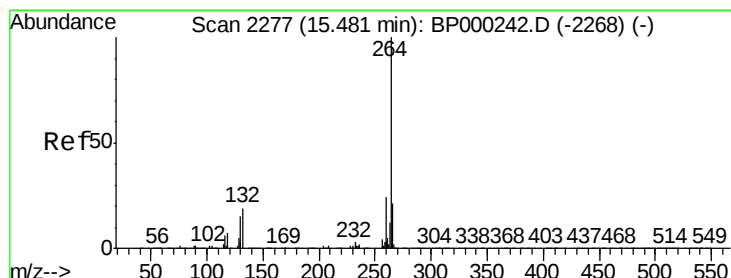
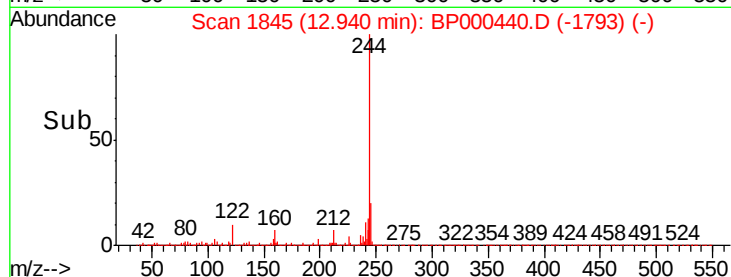
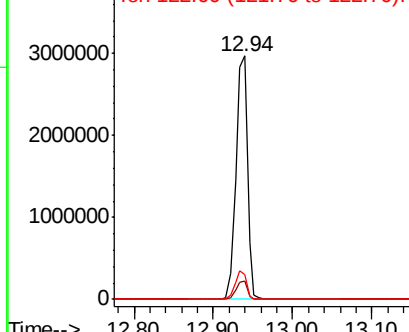
244 100

212 7.3 5.9 8.9

122 10.2 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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BP000440.D

Acq: 26 Sep 2019 23:37

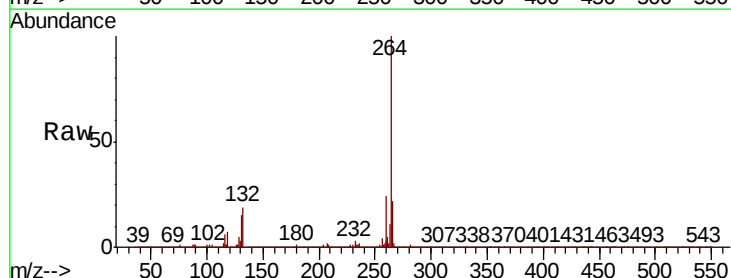
Tgt Ion:264 Resp: 823618

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.8 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

