

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000445.D
 Acq On : 27 Sep 2019 03:26
 Operator : JU
 Sample : K4663-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 05:44:35 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	245194	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	890012	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	487213	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	874611	20.00	ng	0.00
76) Chrysene-d12	14.00	240	742713	20.00	ng	0.00
87) Perylene-d12	15.49	264	810090	20.00	ng	0.00

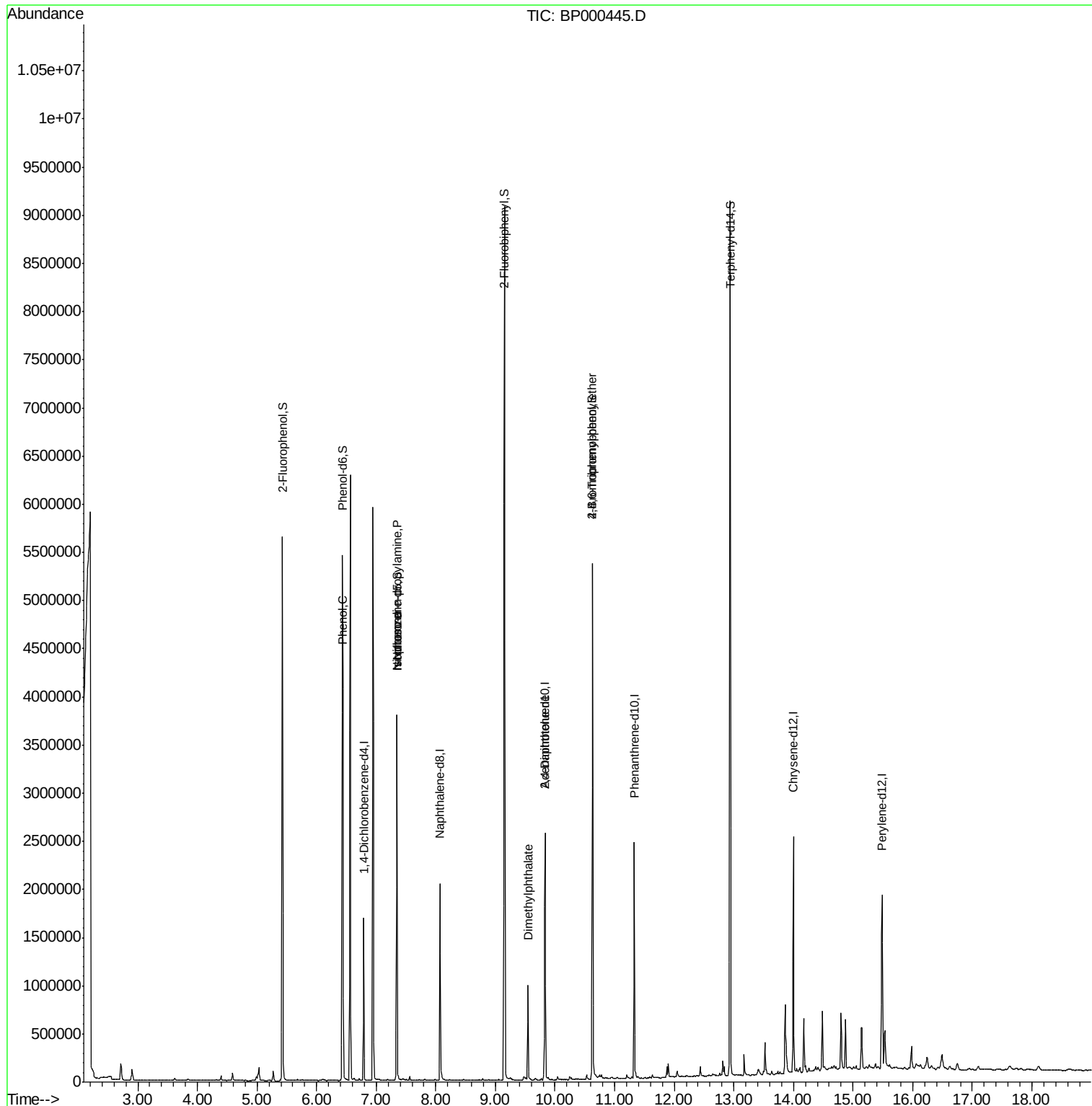
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1861634	131.07	ng	0.02
7) Phenol-d6	6.43	99	2355517	135.30	ng	0.01
23) Nitrobenzene-d5	7.35	82	1359816	98.58	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	741471	153.43	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2792032	103.14	ng	0.00
79) Terphenyl-d14	12.94	244	3391616	95.80	ng	0.00

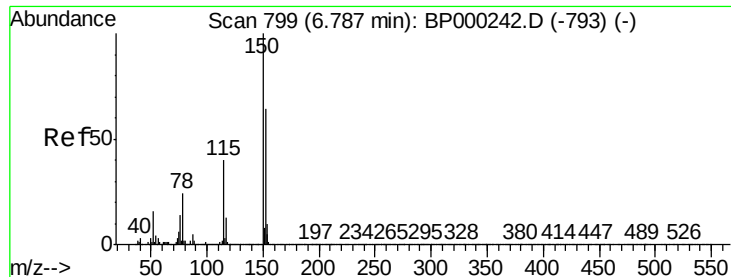
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	4302	Below Cal	#	1
10) Phenol	6.45	94	144051	7.283	ng	97
19) n-Nitroso-di-n-propylamine	7.35	70	167592	18.207	ng	75
25) Isophorone	7.35	82	1359597	49.775	ng	63
50) Dimethylphthalate	9.55	163	389914	11.746	ng	99
57) 2,4-Dinitrotoluene	9.83	165	63191	6.623	ng	35
67) 4-Bromophenyl-phenylether	10.63	248	50986	5.155	ng	1
69) Atrazine	11.02	200	91	Below Cal	#	1

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

```
Data Path : Z:\SV0ASRV\HPCHEM1\BNA P\DATA\BP092619\  
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Sample    : K4663-09  
Misc      :  
ALS Vial  : 32    Sample Multiplier: 1
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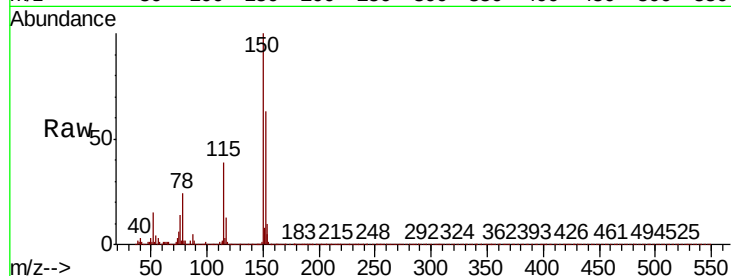


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000445.D
Acq: 27 Sep 2019 03:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.2	187.8
115	61.7	49.7	74.5

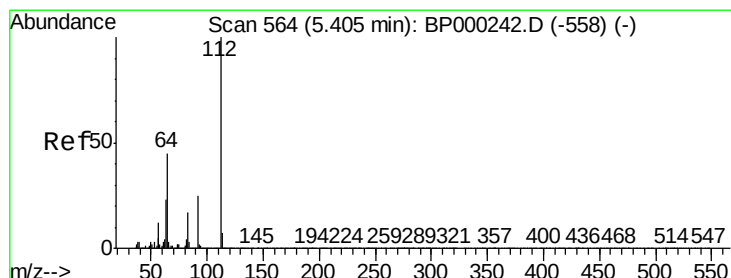
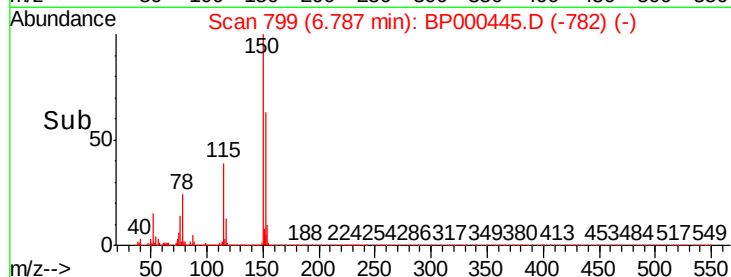
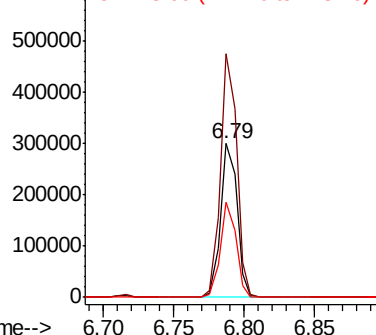


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

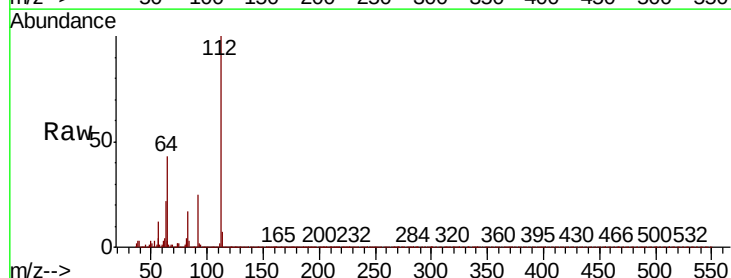
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.073 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BP000445.D
Acq: 27 Sep 2019 03:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.8	36.2	54.4
63	22.3	18.3	27.5

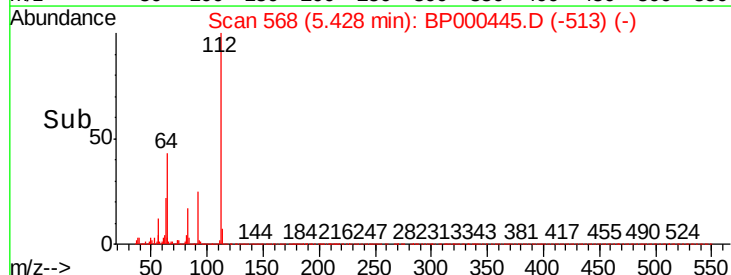
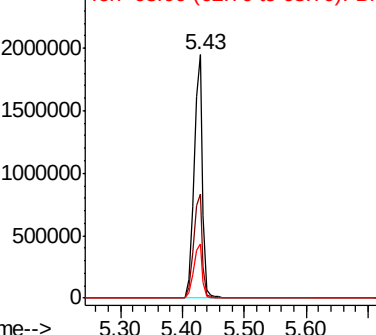


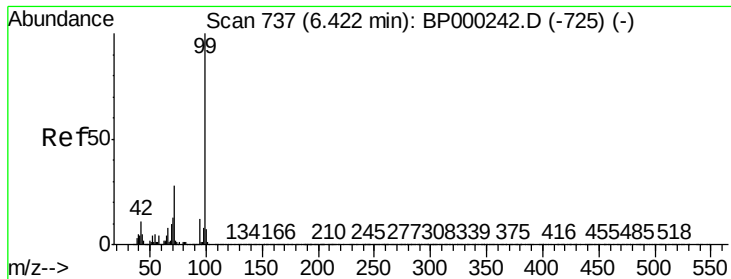
Abundance

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: 135.297 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000445.D

Acq: 27 Sep 2019 03:26

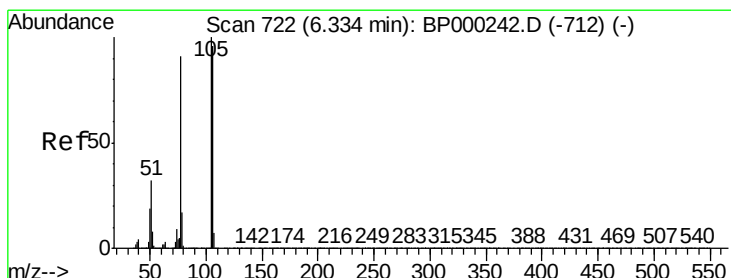
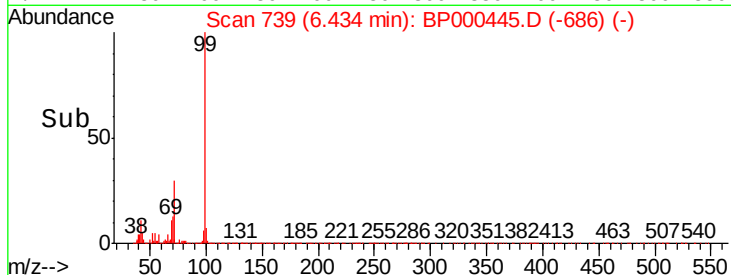
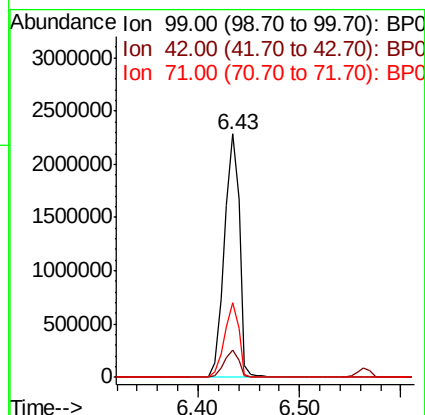
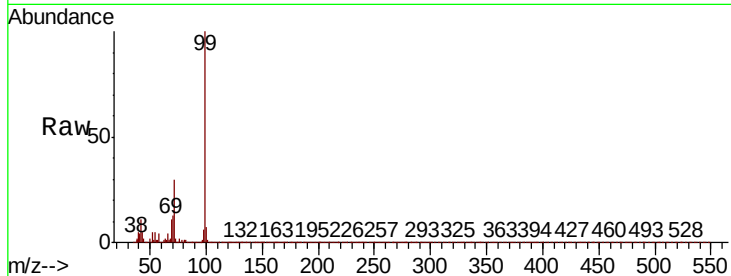
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 235517

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.5	12.7
71	30.4	22.6	34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 739

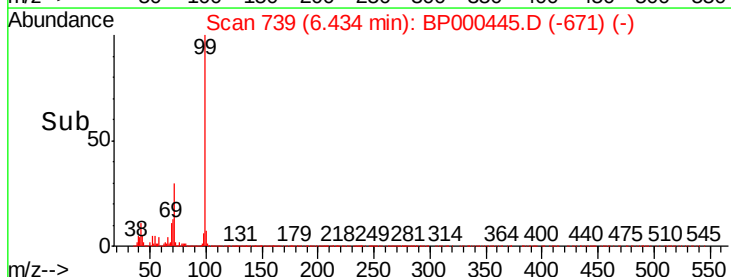
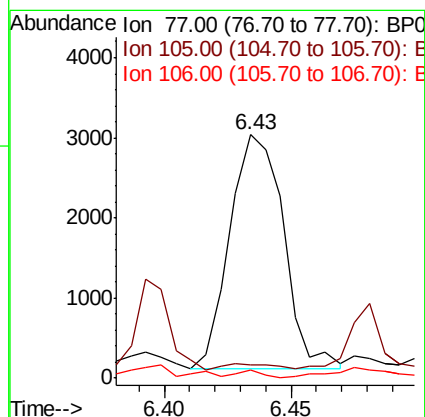
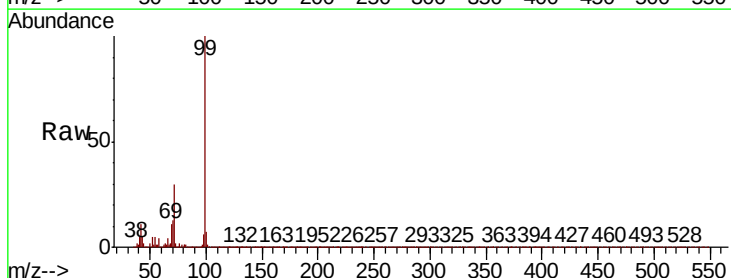
Delta R.T. 0.10 min

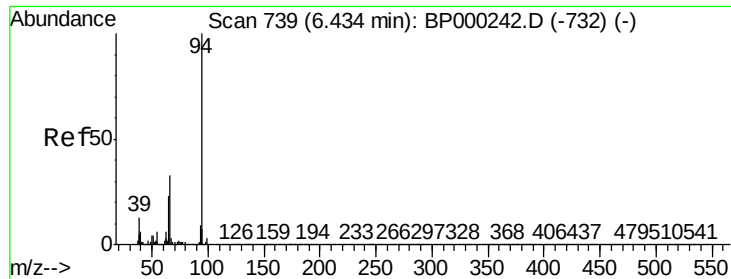
Lab File: BP000445.D

Acq: 27 Sep 2019 03:26

Tgt Ion: 77 Resp: 4302

Ion	Ratio	Lower	Upper
77	100		
105	5.3	89.6	129.6#
106	3.2	84.6	124.6#





#10

Phenol

Concen: 7.283 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000445.D

Acq: 27 Sep 2019 03:26

Instrument :

BNA_P

ClientSampled :

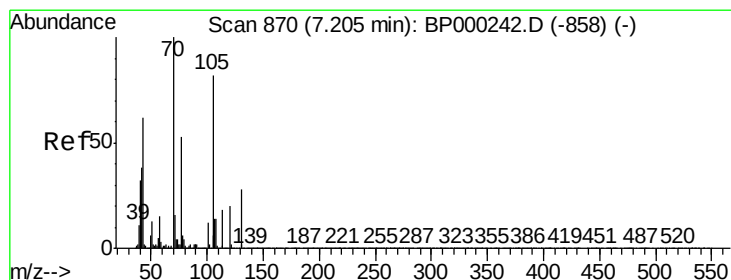
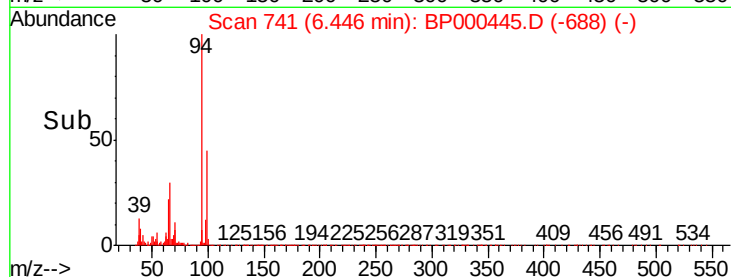
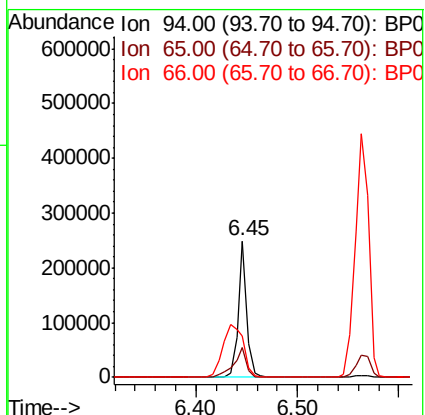
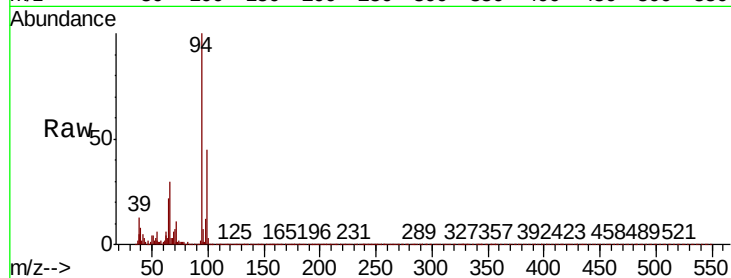
Tot Ion: 94 Resp: 144051

Ion Ratio Lower Upper

94 100

65 22.2 3.3 43.3

66 30.4 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 18.207 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000445.D

Acq: 27 Sep 2019 03:26

Tgt Ion: 70 Resp: 167592

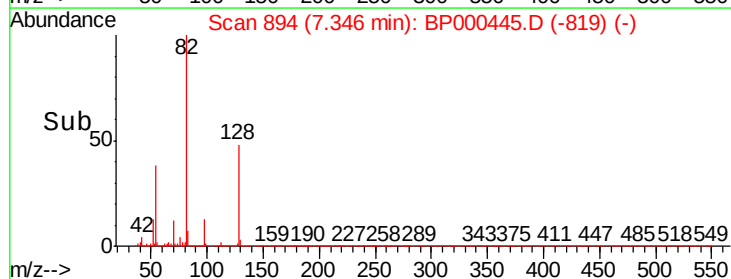
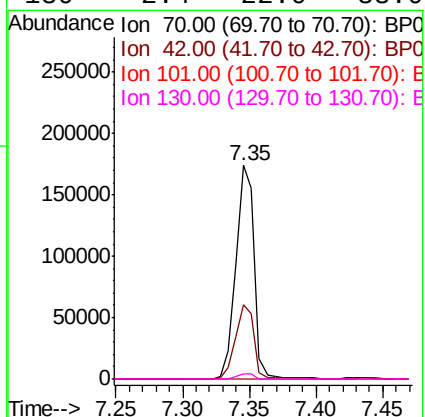
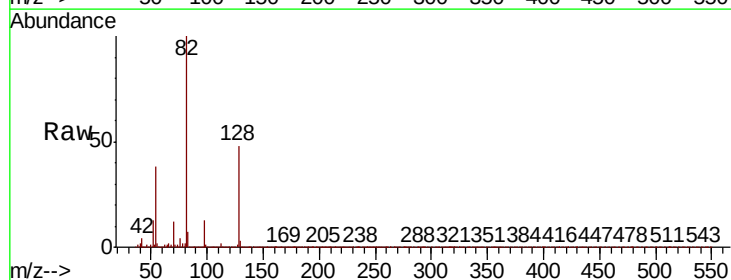
Ion Ratio Lower Upper

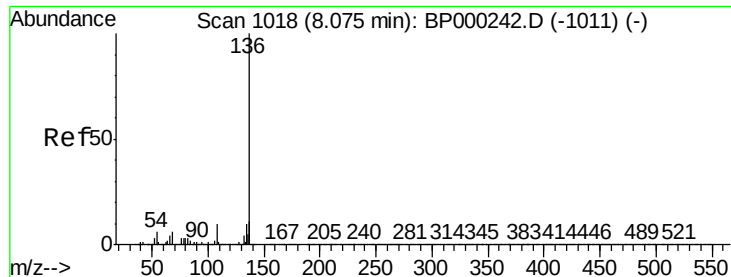
70 100

42 34.9 30.7 46.1

101 0.1 9.6 14.4#

130 2.4 22.0 33.0#

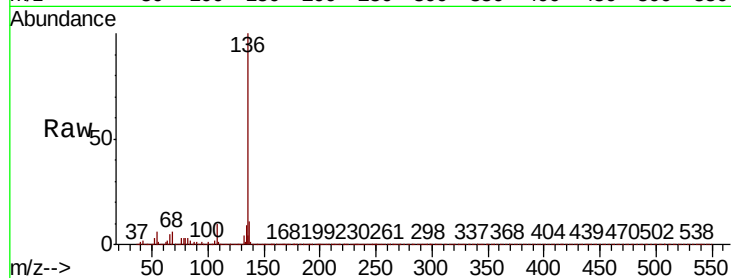




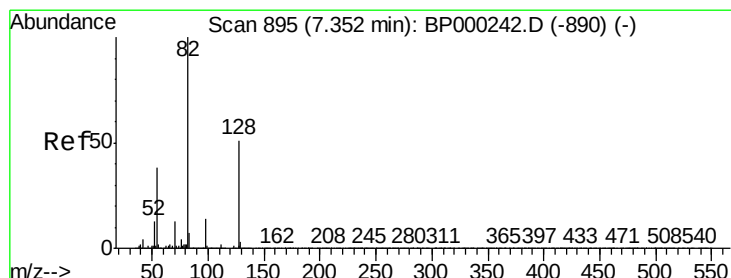
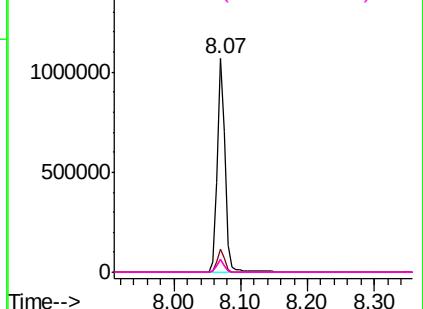
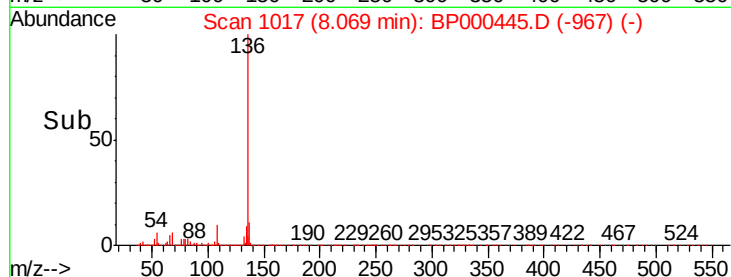
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000445.D
Acq: 27 Sep 2019 03:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	890012
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	5.9	4.5 6.7
68	5.9	4.5 6.7

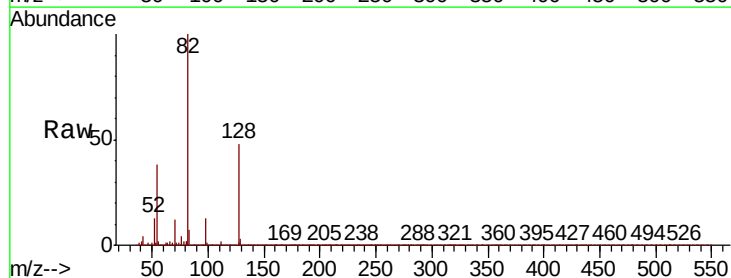


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

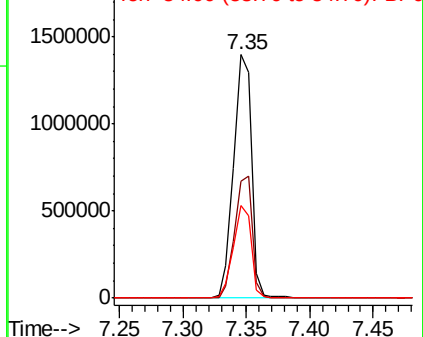
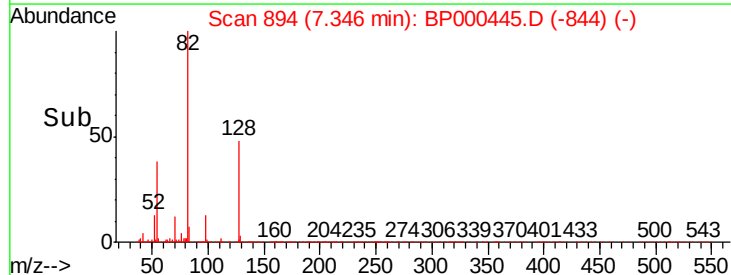


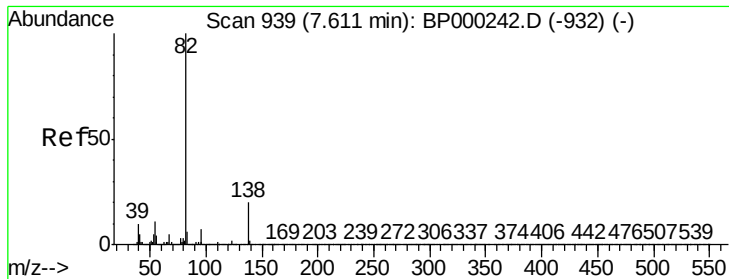
#23
Nitrobenzene-d5
Concen: 98.577 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000445.D
Acq: 27 Sep 2019 03:26

Tgt Ion: 82	Resp:	1359816
Ion	Ratio	Lower Upper
82	100	
128	48.0	40.7 61.1
54	38.1	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: 49.775 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000445.D

Acq: 27 Sep 2019 03:26

Instrument :

BNA_P

ClientSampleId :

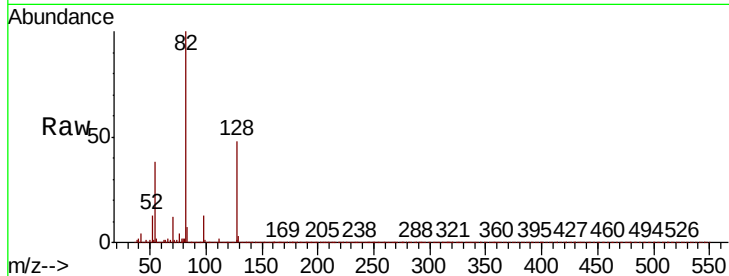
Tot Ion: 82 Resp: 1359597

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

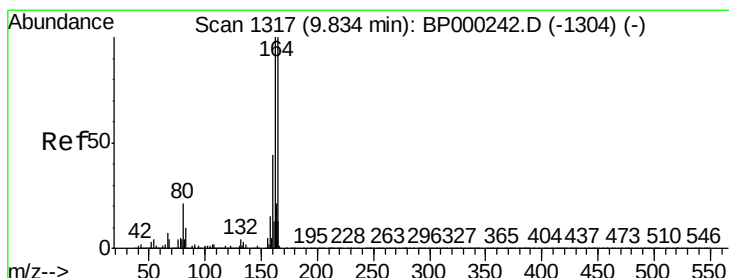
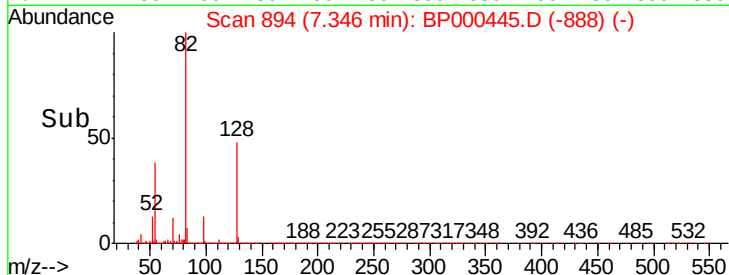
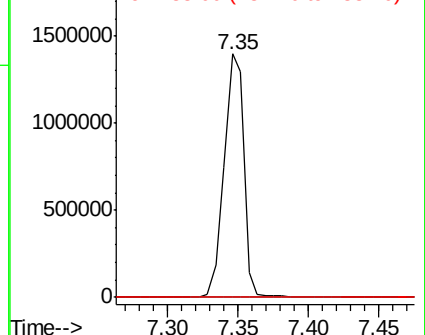
138 0.0 15.9 23.9#



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# 1317

Delta R.T. -0.00 min

Lab File: BP000445.D

Acq: 27 Sep 2019 03:26

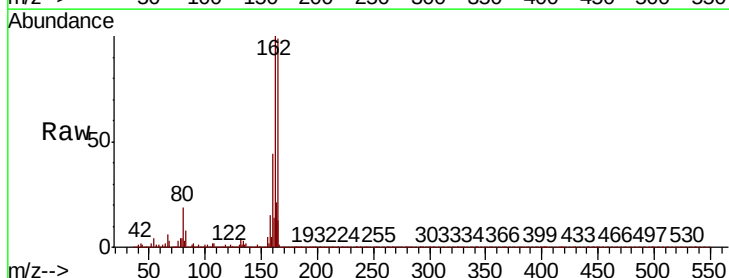
Tgt Ion: 164 Resp: 487213

Ion Ratio Lower Upper

164 100

162 101.5 79.9 119.9

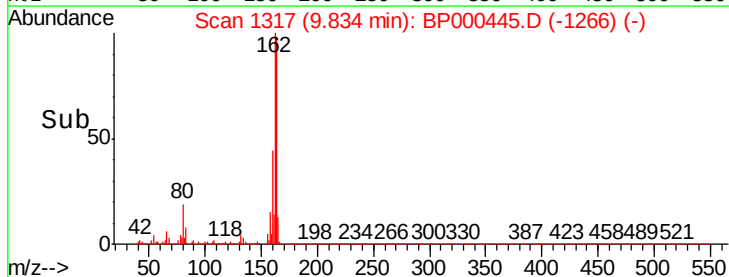
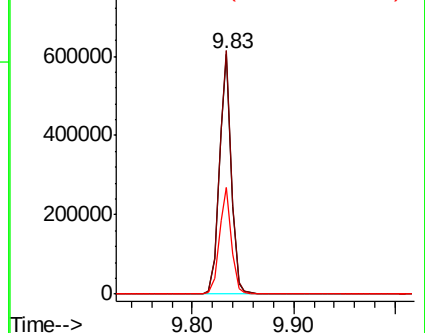
160 44.4 35.6 53.4

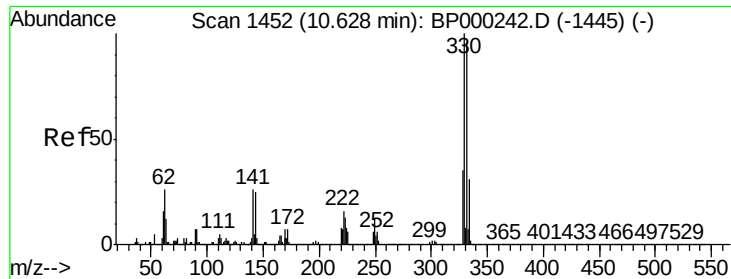


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

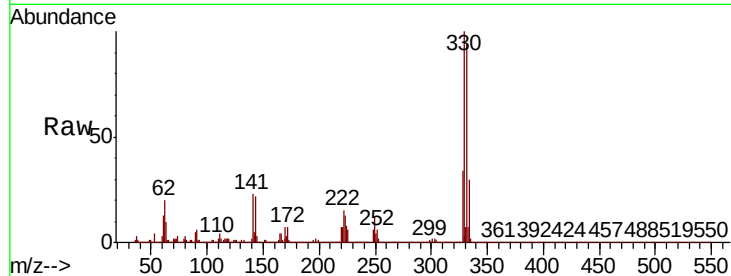




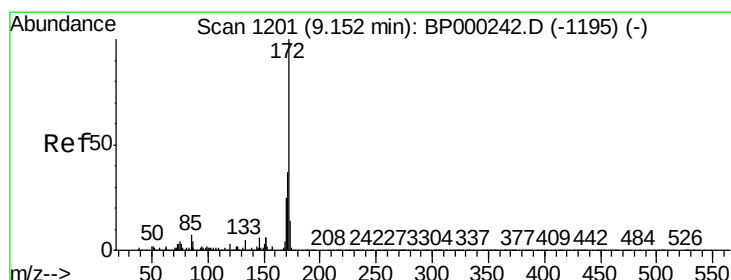
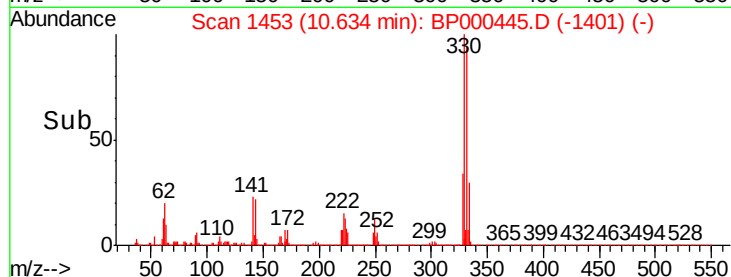
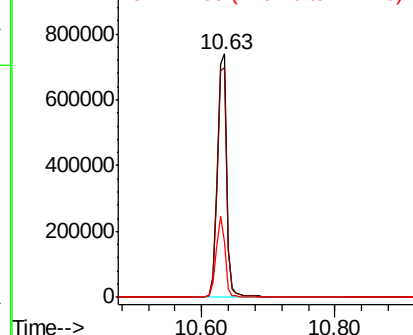
#42
2,4,6-Tribromophenol
Concen: 153.434 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000445.D
Acq: 27 Sep 2019 03:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 741471
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 31.9 26.5 39.7

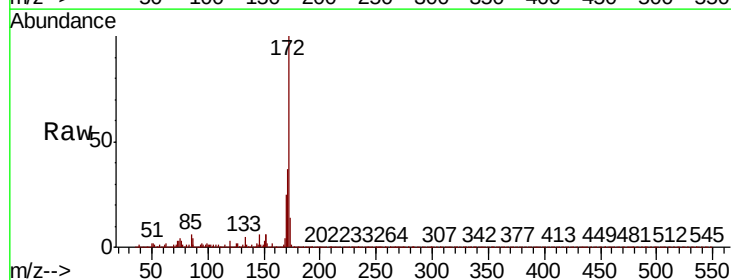


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

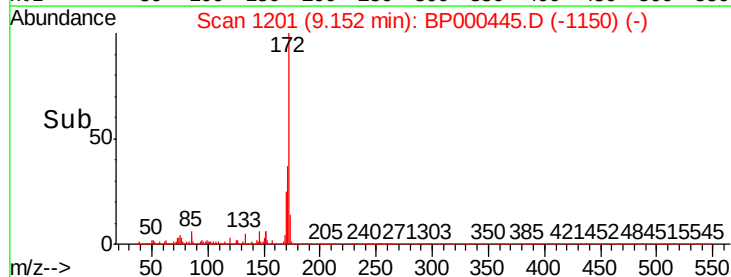
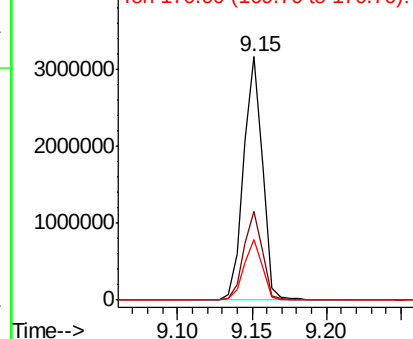


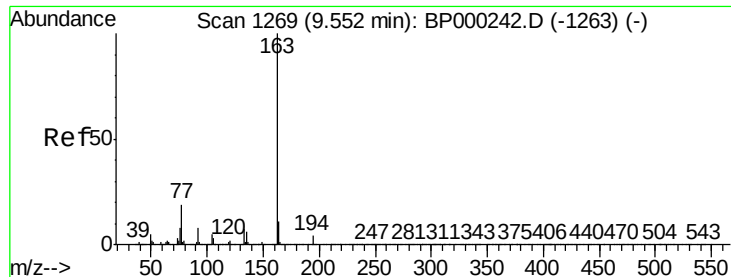
#45
2-Fluorobiphenyl
Concen: 103.140 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000445.D
Acq: 27 Sep 2019 03:26

Tgt Ion:172 Resp: 2792032
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.7 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

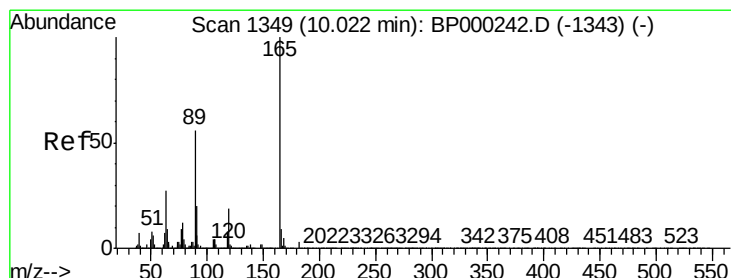
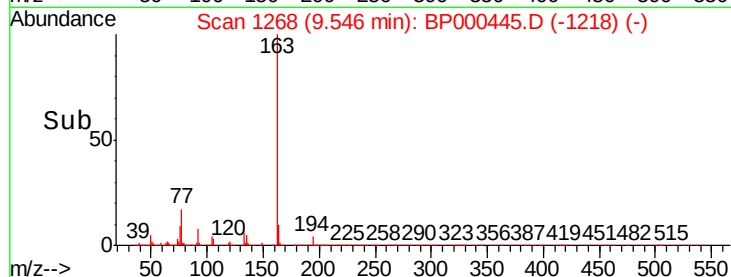
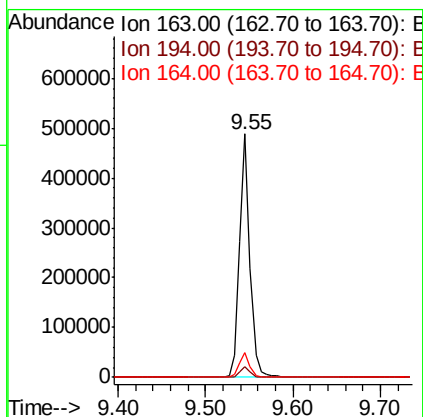
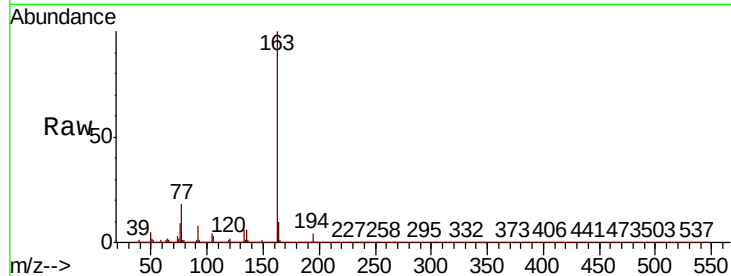




#50
Dimethylphthalate
Concen: 11.746 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000445.D
Acq: 27 Sep 2019 03:26

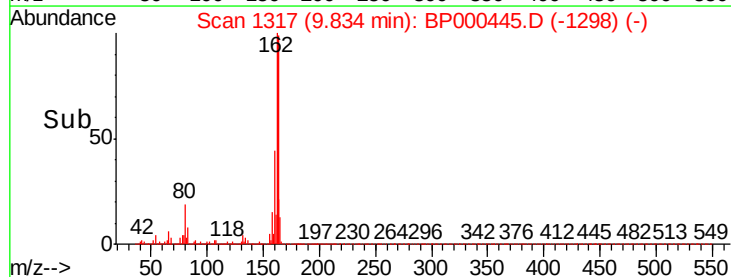
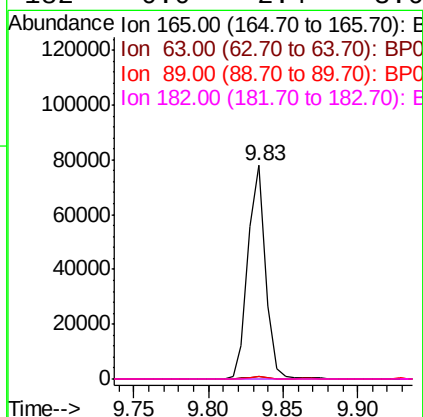
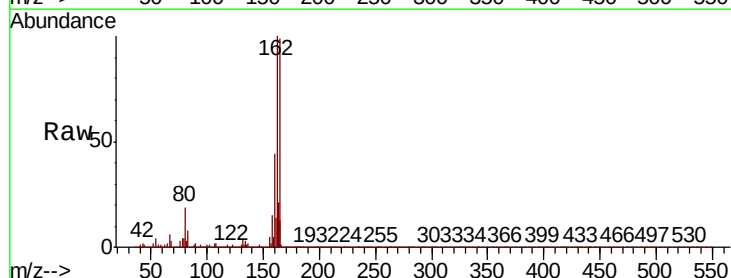
Instrument :
BNA_P
ClientSampleId :

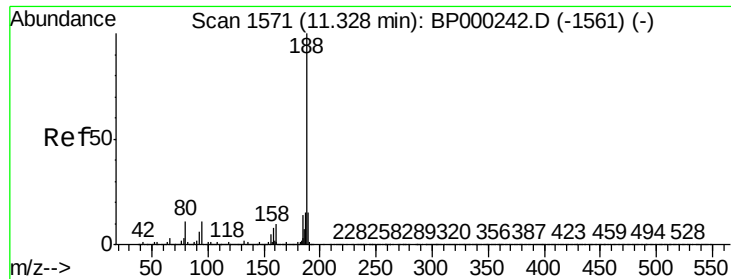
Tot Ion:163 Resp: 389914
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.5 12.7



#57
2,4-Dinitrotoluene
Concen: 6.623 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000445.D
Acq: 27 Sep 2019 03:26

Tgt Ion:165 Resp: 63191
Ion Ratio Lower Upper
165 100
63 1.1 21.7 32.5#
89 1.3 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: BP000445.D

Acq: 27 Sep 2019 03:26

Instrument :

BNA_P

ClientSampleId :

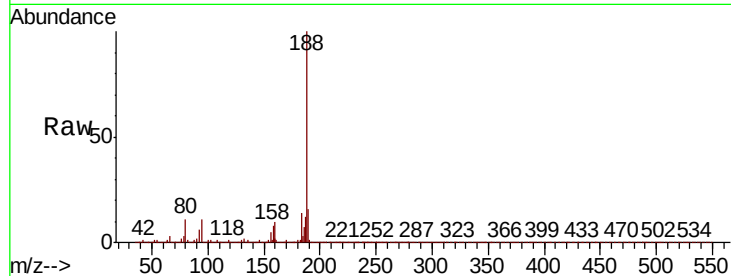
Tot Ion:188 Resp: 874611

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

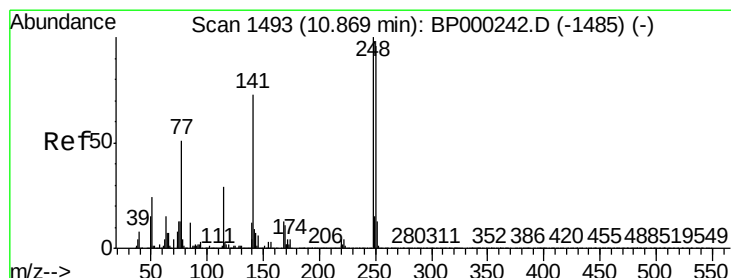
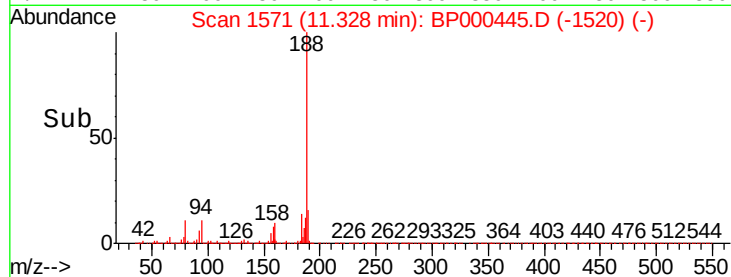
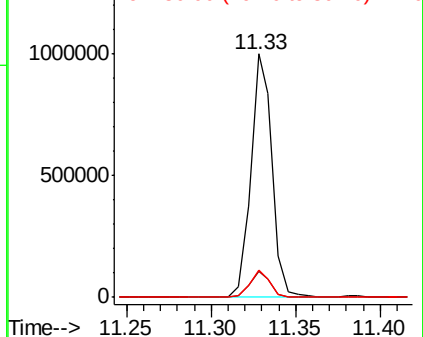
80 11.2 8.6 13.0



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: 5.155 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BP000445.D

Acq: 27 Sep 2019 03:26

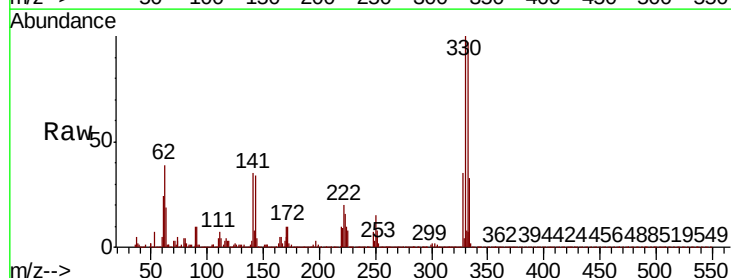
Tgt Ion:248 Resp: 50986

Ion Ratio Lower Upper

248 100

250 203.5 77.0 115.4#

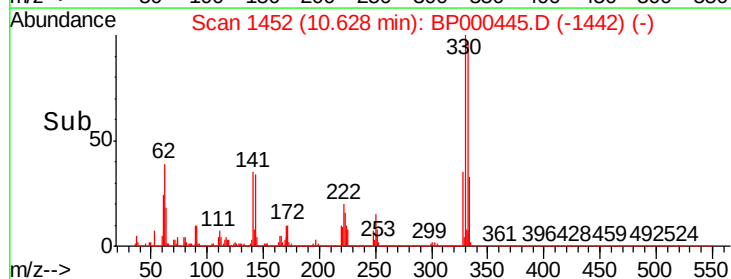
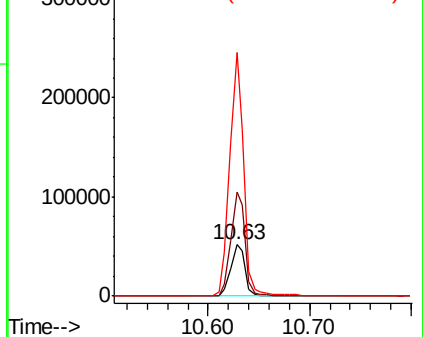
141 474.4 58.5 87.7#

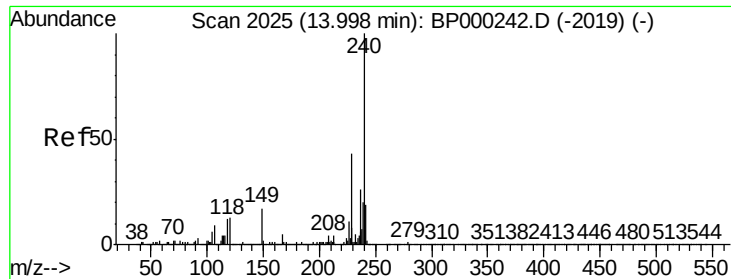


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

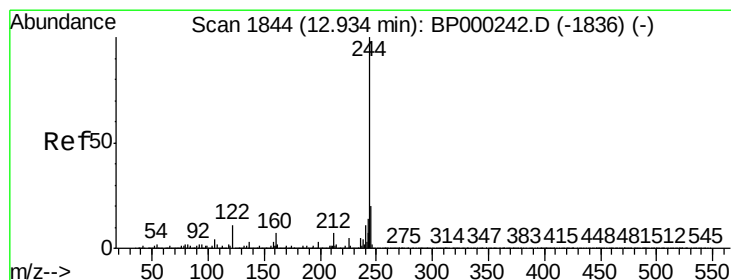
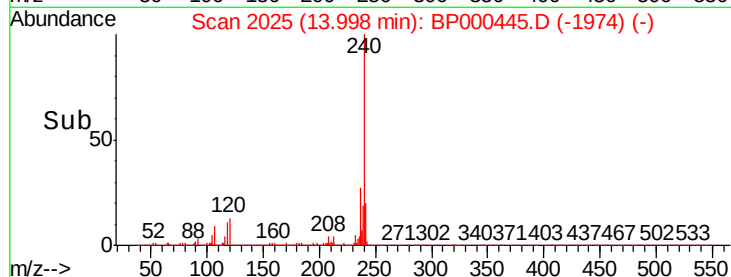
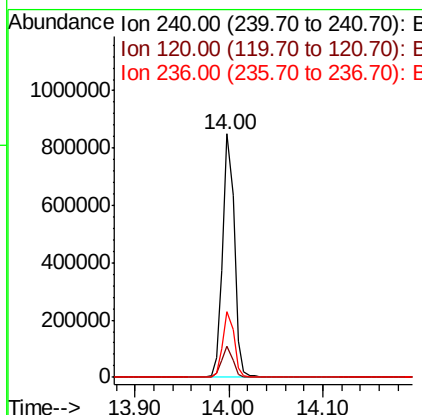
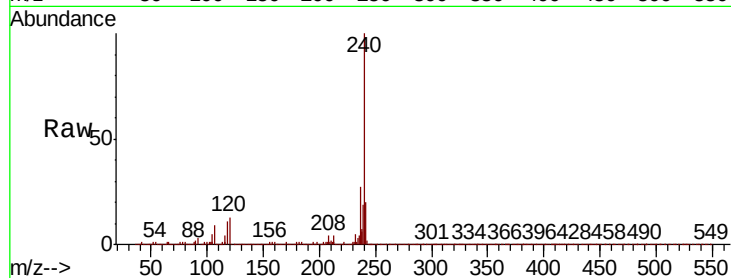




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BP000445.D
 Acq: 27 Sep 2019 03:26

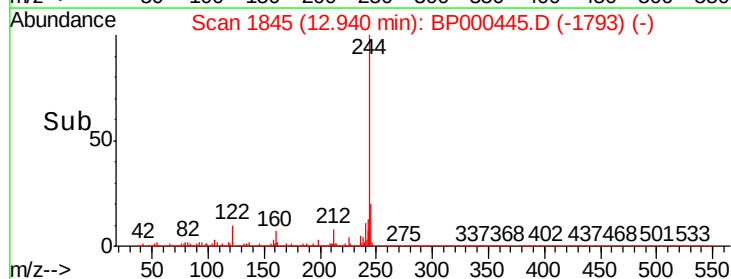
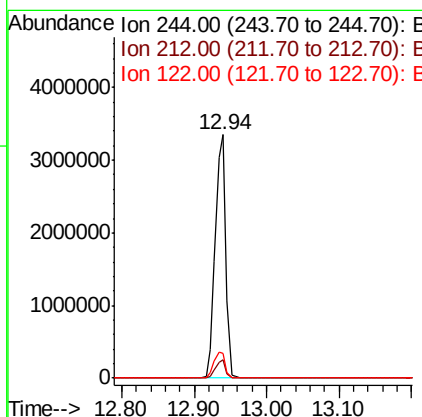
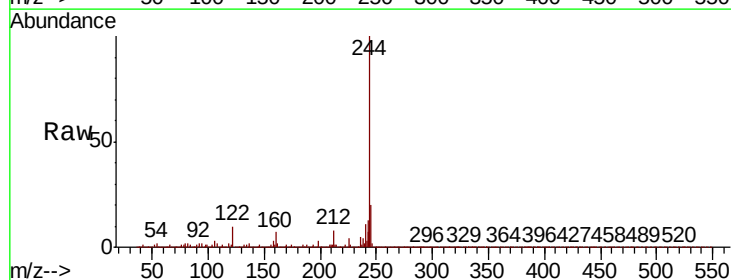
Instrument :
 BNA_P
 ClientSampled :

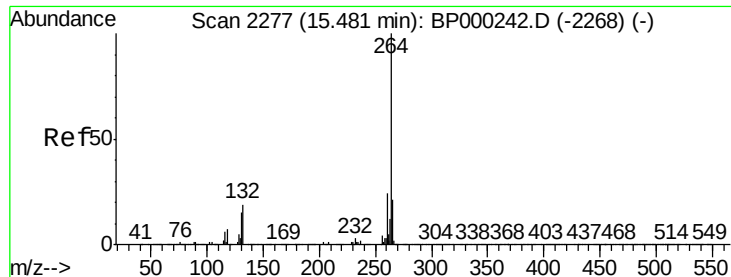
Tot Ion:240 Resp: 742713
 Ion Ratio Lower Upper
 240 100
 120 12.7 10.4 15.6
 236 27.2 21.0 31.6



#79
 Terphenyl-d14
 Concen: 95.799 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000445.D
 Acq: 27 Sep 2019 03:26

Tgt Ion:244 Resp: 3391616
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 10.3 9.0 13.4

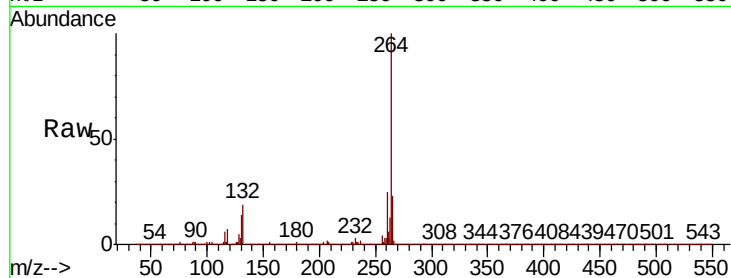




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000445.D
Acq: 27 Sep 2019 03:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.9	28.3
265	22.6	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

