

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000351.D
 Acq On : 20 Sep 2019 14:00
 Operator : HP/JU
 Sample : K4957-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 20 23:13:17 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	206858	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	769355	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	436660	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	778234	20.00	ng	0.00
76) Chrysene-d12	13.99	240	666362	20.00	ng	-0.01
87) Perylene-d12	15.47	264	752134	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1011879	84.45	ng	0.00
7) Phenol-d6	6.43	99	1325720	90.26	ng	0.00
23) Nitrobenzene-d5	7.35	82	726691	60.94	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	402212	92.87	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1668637	68.78	ng	0.00
79) Terphenyl-d14	12.93	244	1937638	61.00	ng	0.00

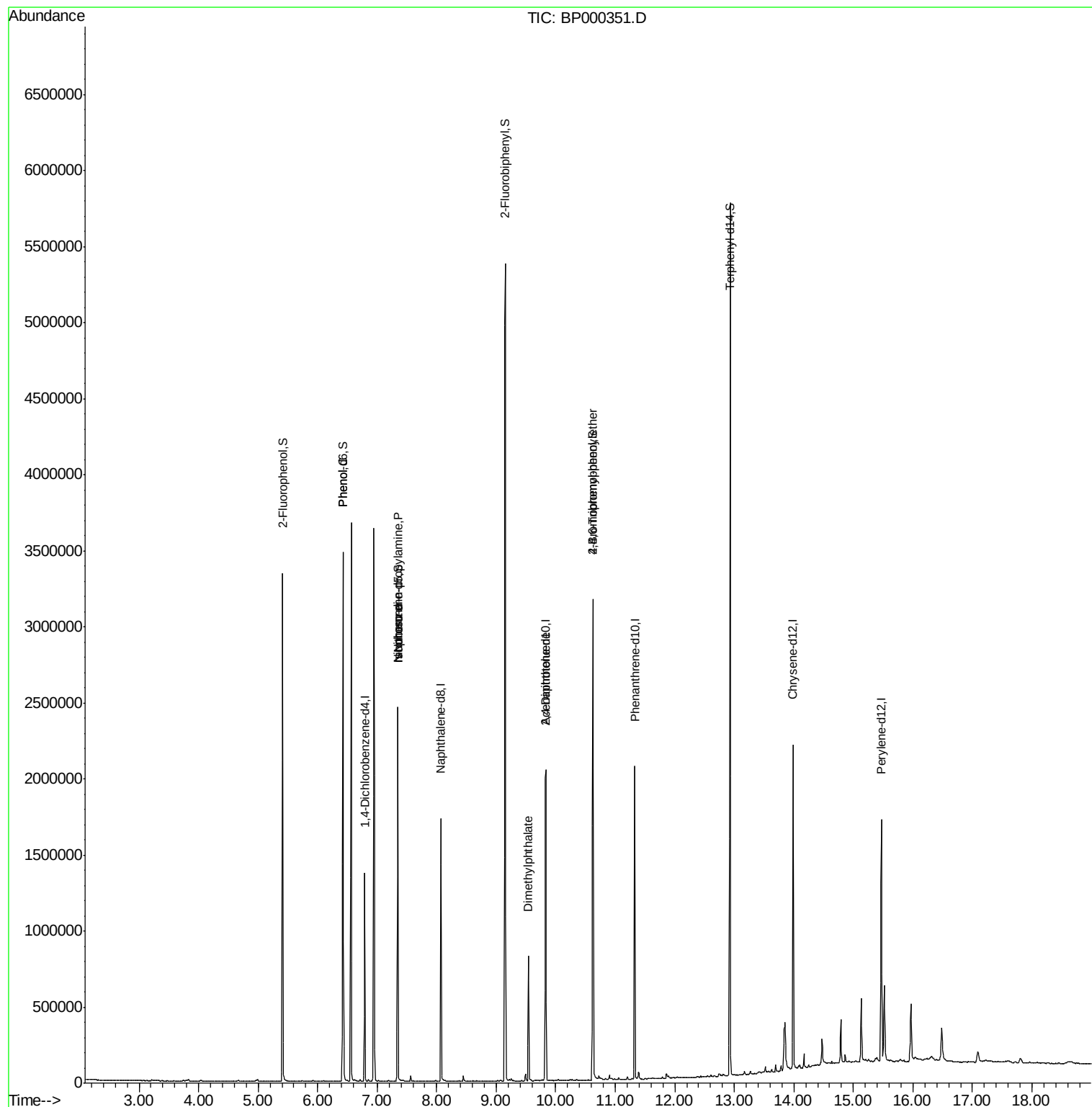
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	2948	Below Cal	#	1
10) Phenol	6.43	94	64435	3.861	ng	84
19) n-Nitroso-di-n-propylamine	7.35	70	90099	11.602	ng	75
25) Isophorone	7.35	82	726460	30.767	ng	63
50) Dimethylphthalate	9.54	163	330281	11.102	ng	99
57) 2,4-Dinitrotoluene	9.83	165	56447	6.601	ng	35
67) 4-Bromophenyl-phenylether	10.62	248	27372	3.110	ng	1
69) Atrazine	11.00	200	21	Below Cal	#	1

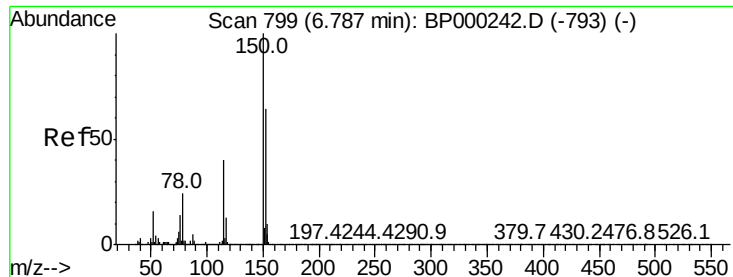
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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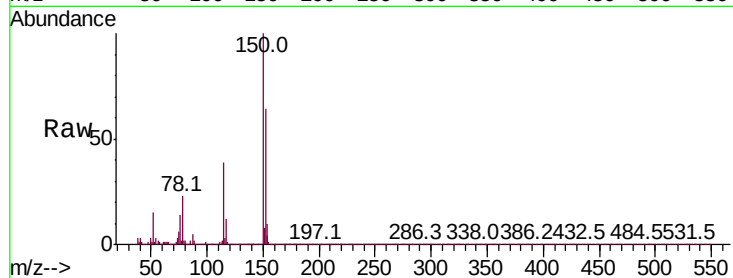


#1

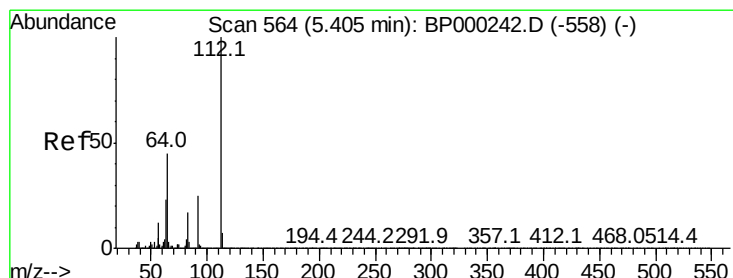
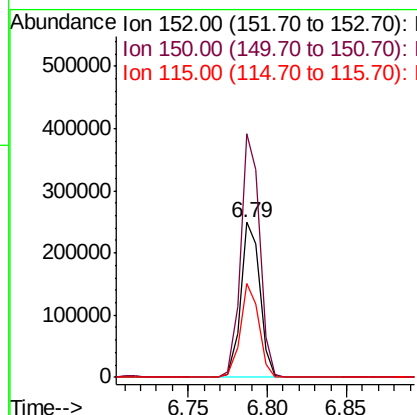
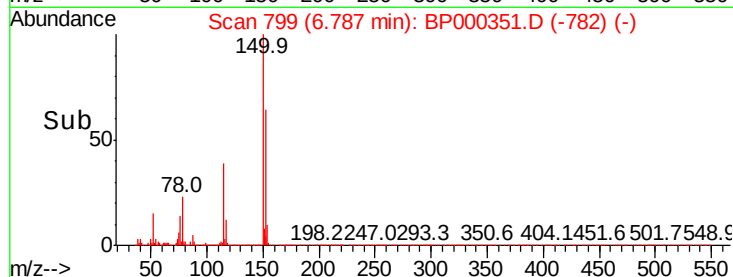
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000351.D
Acq: 20 Sep 2019 14:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 206858
Ion Ratio Lower Upper
152 100
150 157.3 125.2 187.8
115 60.8 49.7 74.5



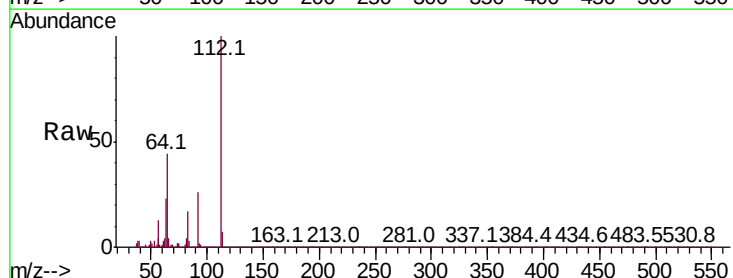
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



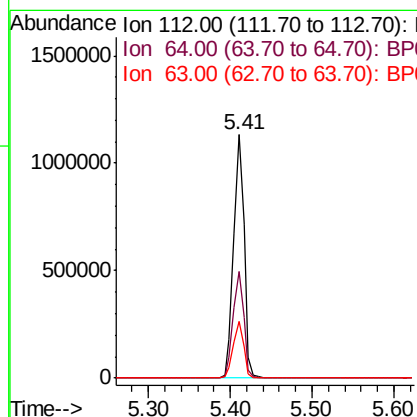
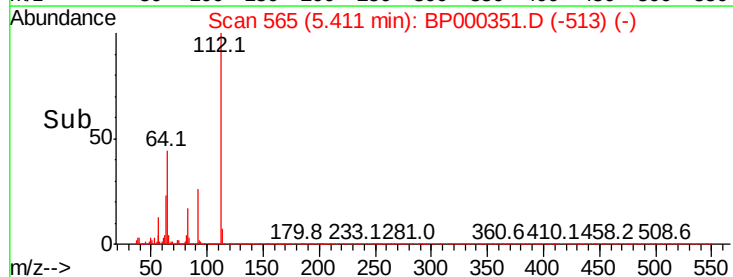
#5

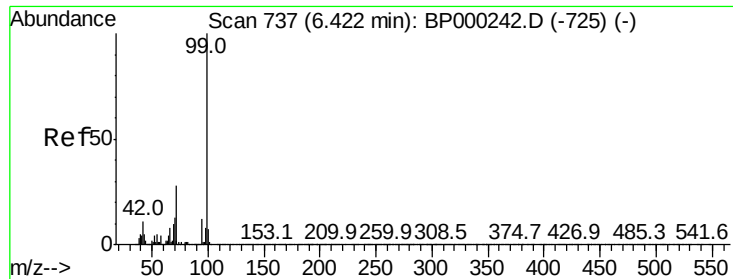
2-Fluorophenol
Concen: 84.447 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000351.D
Acq: 20 Sep 2019 14:00

Tgt Ion:112 Resp: 1011879
Ion Ratio Lower Upper
112 100
64 44.0 36.2 54.4
63 23.2 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: 90.259 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

Instrument :

BNA_P

ClientSampleId :

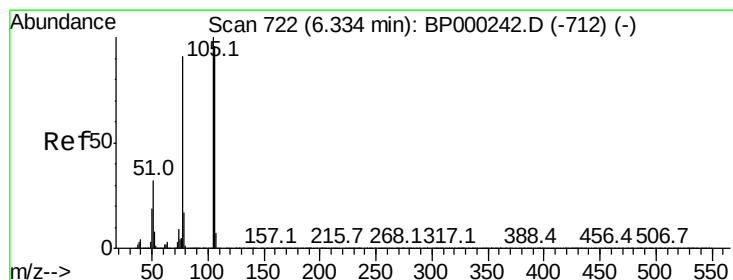
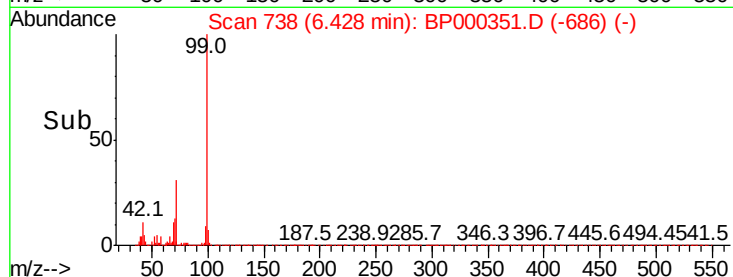
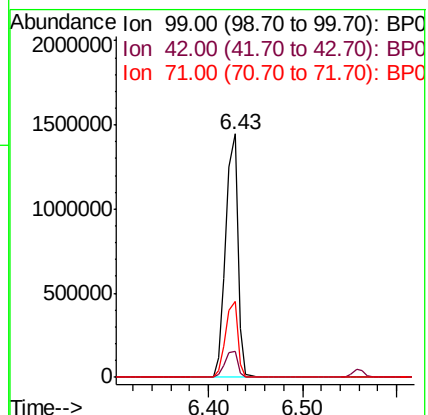
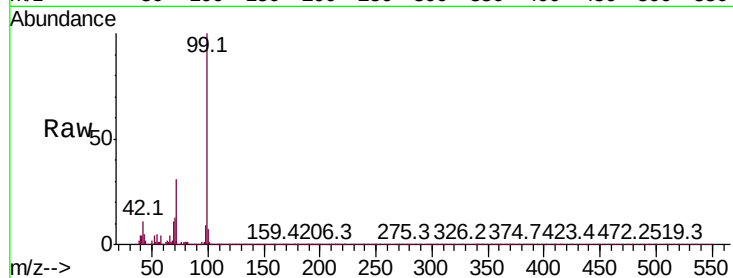
Tot Ion: 99 Resp: 1325720

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

71 31.1 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

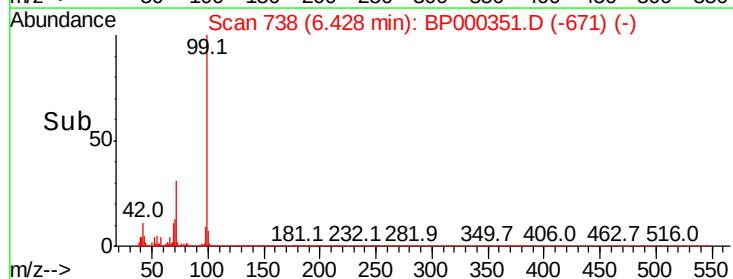
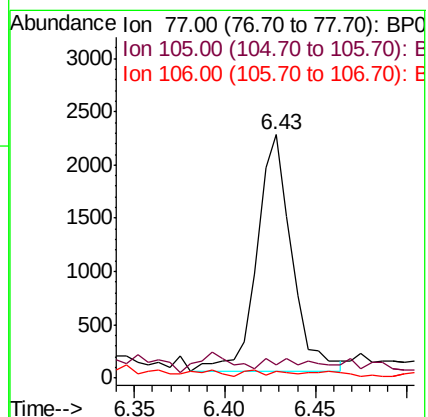
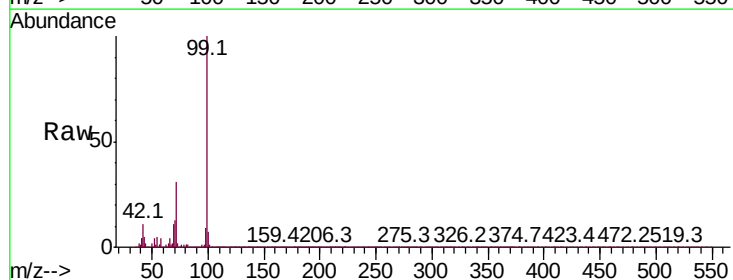
Tgt Ion: 77 Resp: 2948

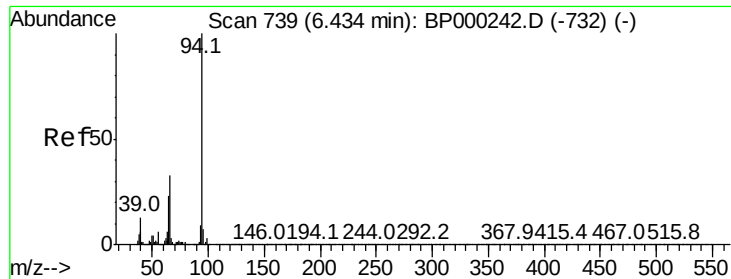
Ion Ratio Lower Upper

77 100

105 5.6 89.6 129.6#

106 3.0 84.6 124.6#

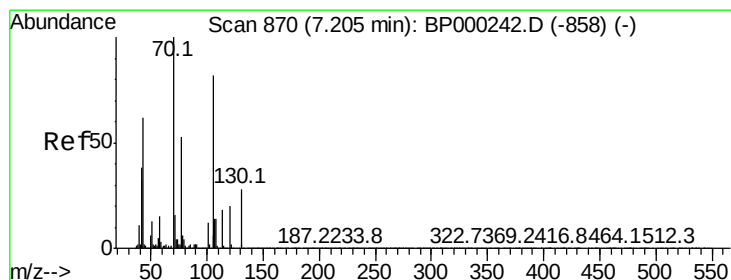
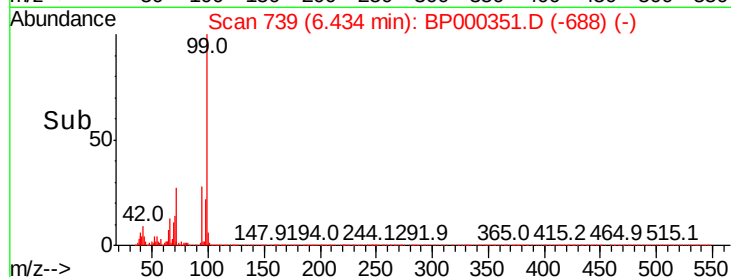
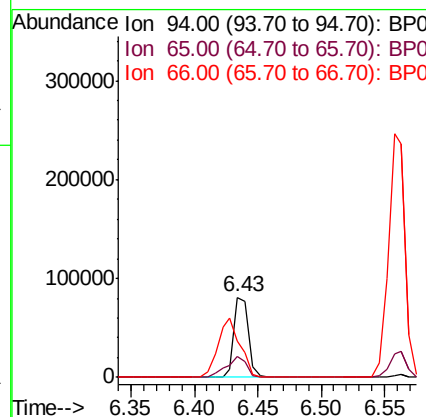
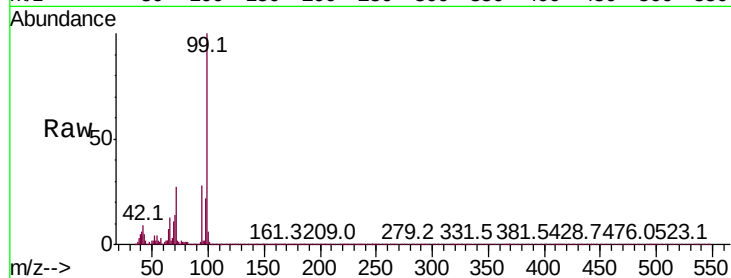




#10
Phenol
Concen: 3.861 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BP000351.D
Acq: 20 Sep 2019 14:00

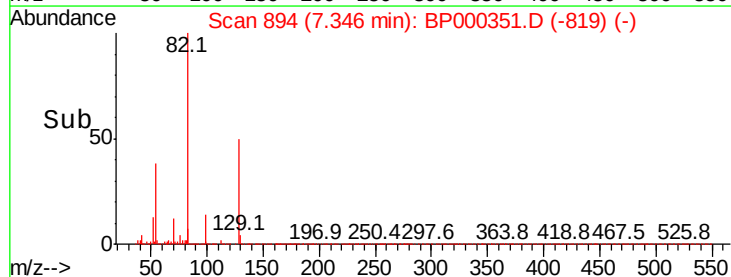
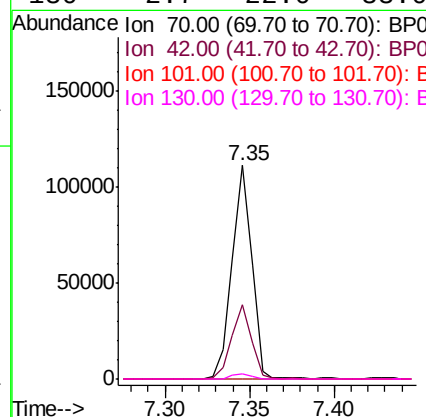
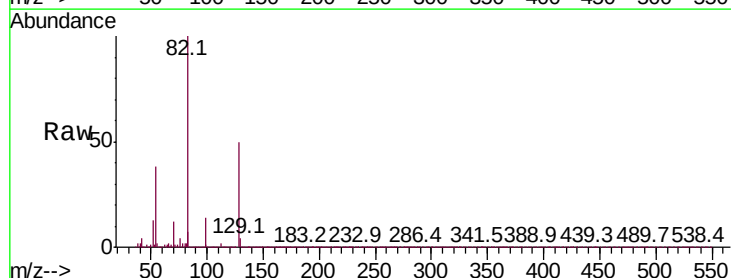
Instrument :
BNA_P
ClientSampleId :

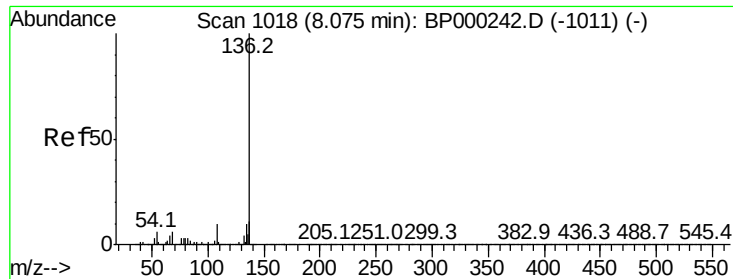
Tot Ion	Ratio	Lower	Upper
94	100		
65	26.4	3.3	43.3
66	45.8	12.7	52.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.602 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000351.D
Acq: 20 Sep 2019 14:00

Tgt Ion	Ratio	Lower	Upper
70	100		
42	34.7	30.7	46.1
101	0.1	9.6	14.4#
130	2.7	22.0	33.0#

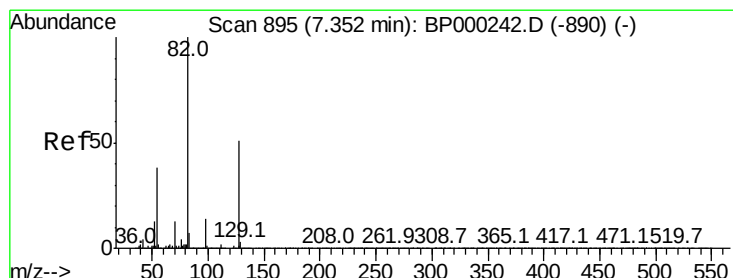
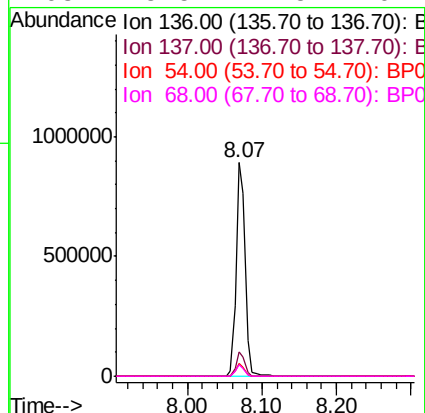
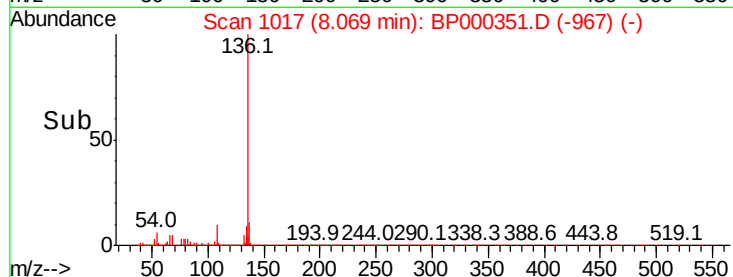
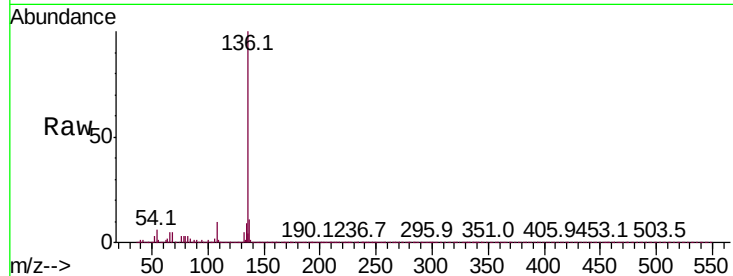




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000351.D
Acq: 20 Sep 2019 14:00

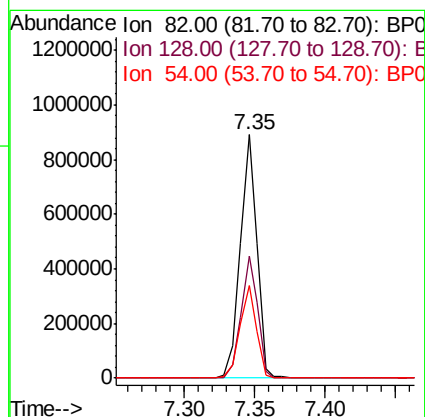
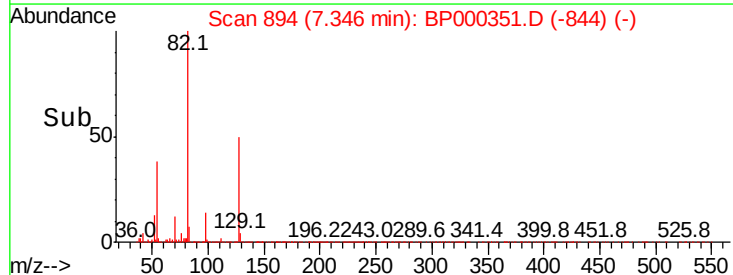
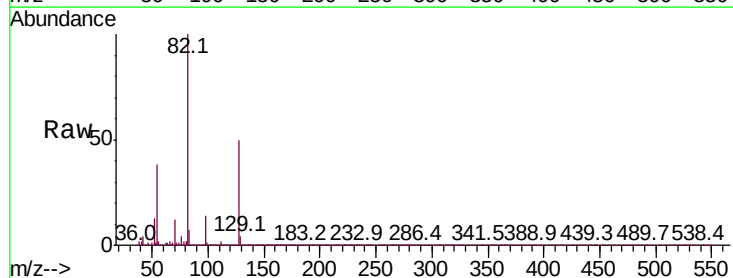
Instrument :
BNA_P
ClientSampled :

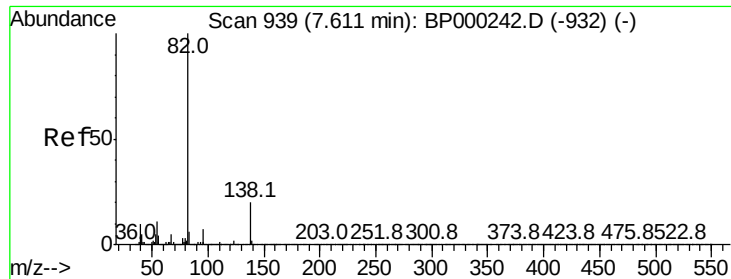
Tot Ion:	136	Resp:	769355
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	5.9	4.5	6.7
68	5.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 60.942 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000351.D
Acq: 20 Sep 2019 14:00

Tgt Ion:	82	Resp:	726691
Ion Ratio	Lower	Upper	
82	100		
128	50.1	40.7	61.1
54	37.9	30.1	45.1





#25

Isophorone

Concen: 30.767 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

Instrument :

BNA_P

ClientSampleId :

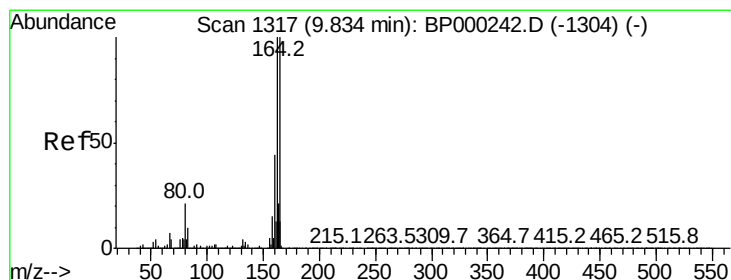
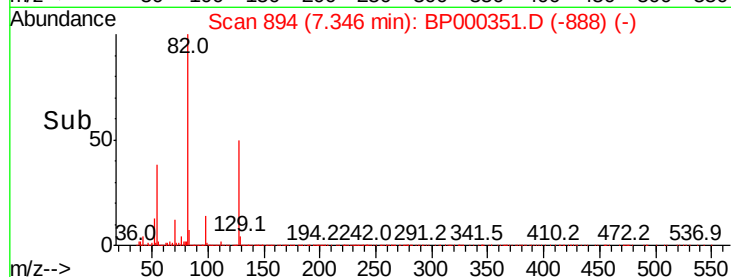
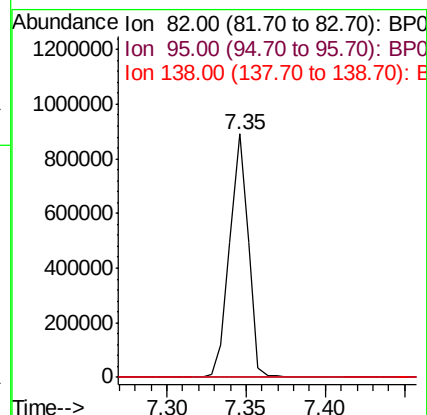
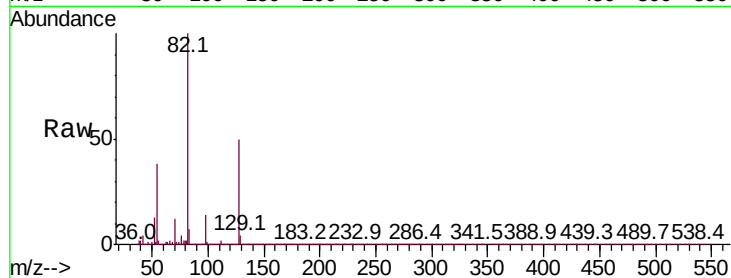
Tot Ion: 82 Resp: 726460

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: BP000351.D

Acq: 20 Sep 2019 14:00

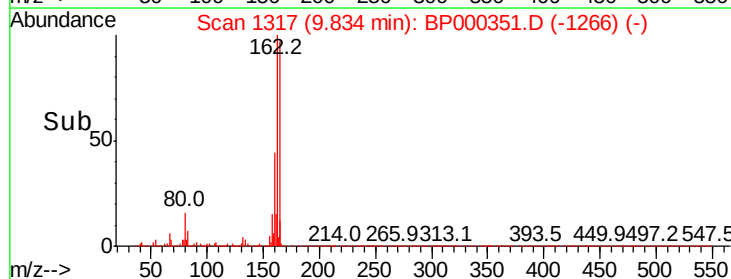
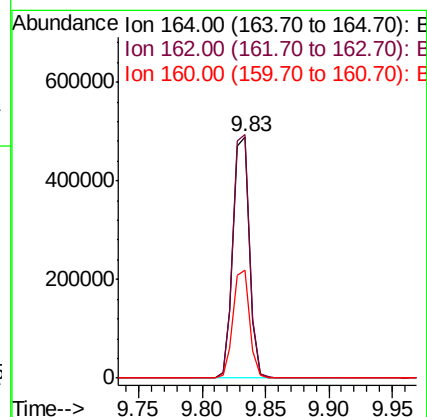
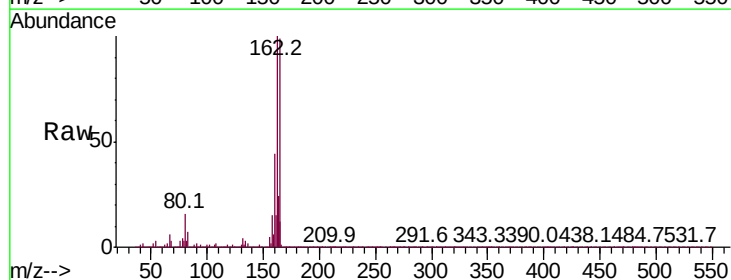
Tgt Ion: 164 Resp: 436660

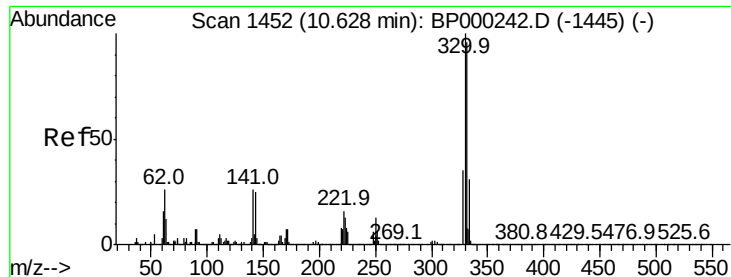
Ion Ratio Lower Upper

164 100

162 100.9 79.9 119.9

160 44.7 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 92.866 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

Instrument :

BNA_P

ClientSampled :

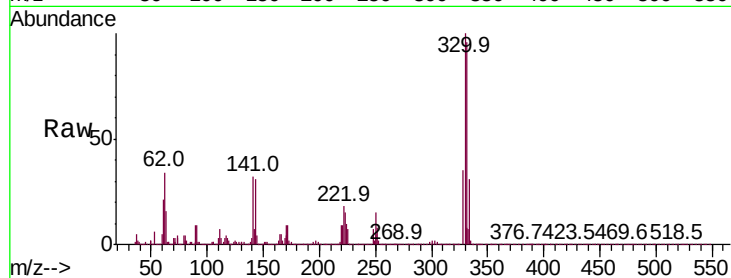
Tot Ion:330 Resp: 402212

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

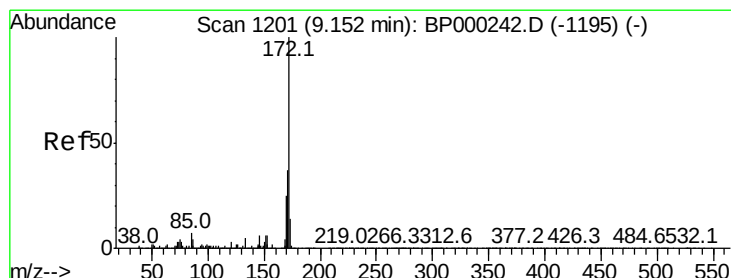
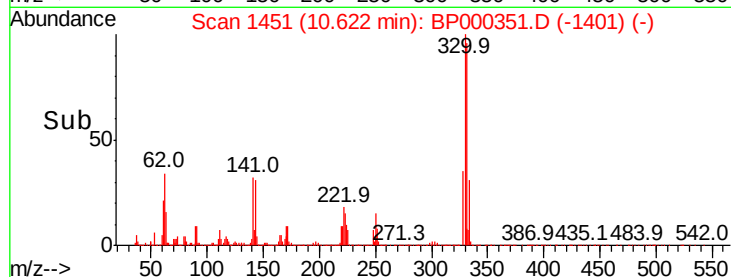
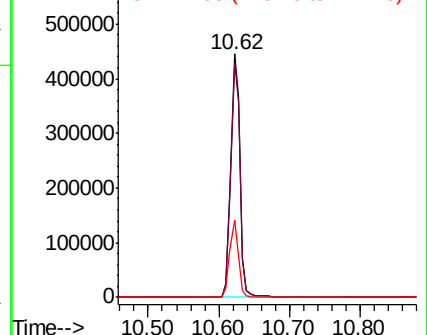
141 30.2 26.5 39.7



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: 68.777 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

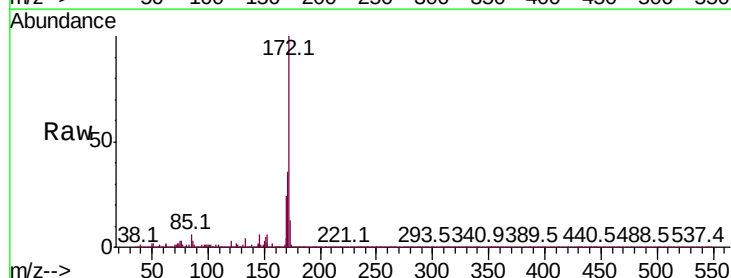
Tgt Ion:172 Resp: 1668637

Ion Ratio Lower Upper

172 100

171 36.2 29.8 44.6

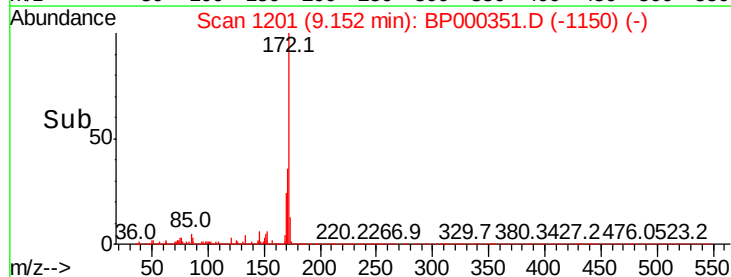
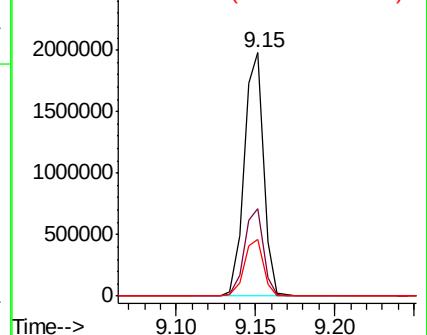
170 23.6 19.8 29.6

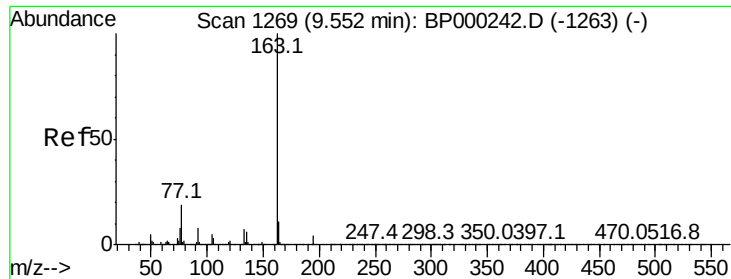


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

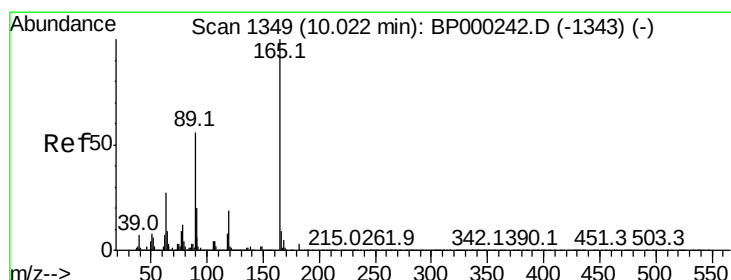
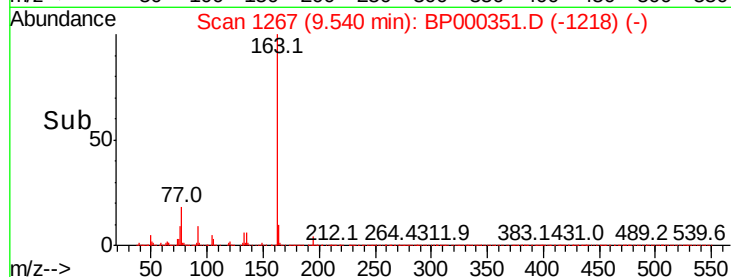
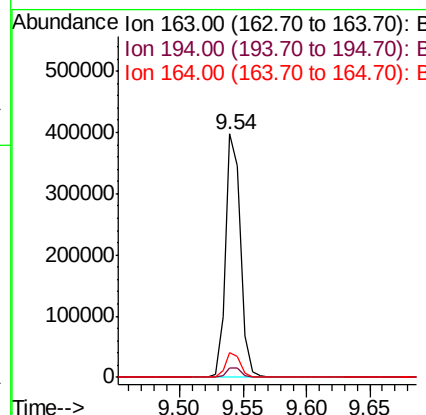
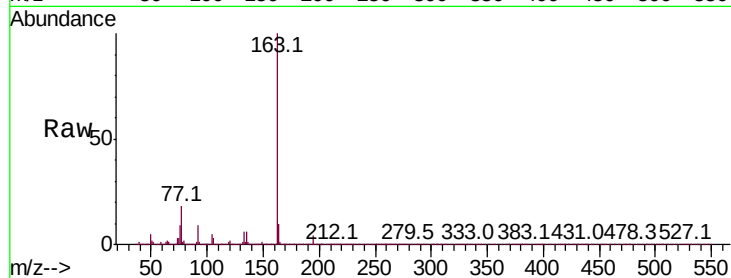




#50
Dimethylphthalate
Concen: 11.102 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000351.D
Acq: 20 Sep 2019 14:00

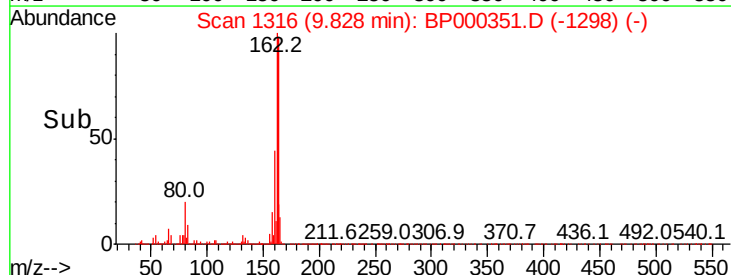
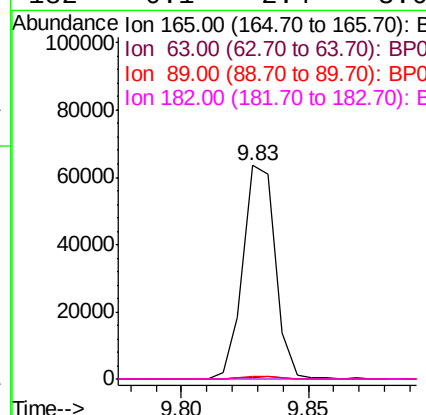
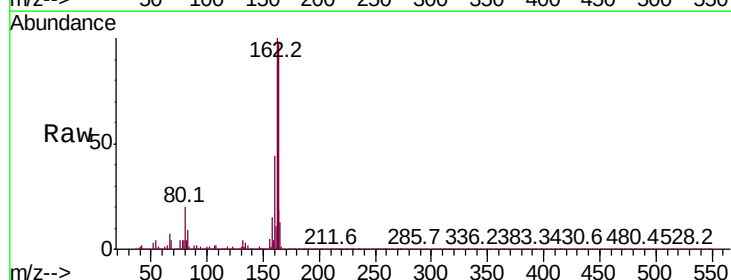
Instrument :
BNA_P
ClientSampleId :

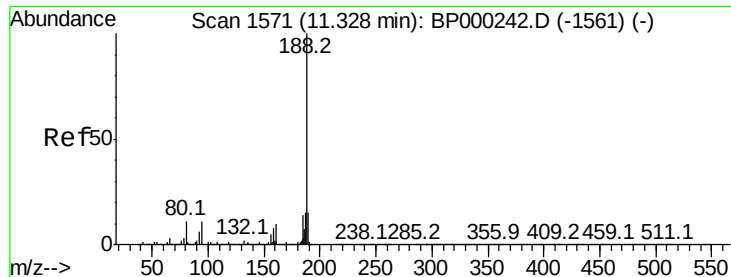
Tot Ion:163 Resp: 330281
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.5 12.7



#57
2,4-Dinitrotoluene
Concen: 6.601 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000351.D
Acq: 20 Sep 2019 14:00

Tgt Ion:165 Resp: 56447
Ion Ratio Lower Upper
165 100
63 0.9 21.7 32.5#
89 1.0 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: BP000351.D

Acq: 20 Sep 2019 14:00

Instrument :

BNA_P

ClientSampleId :

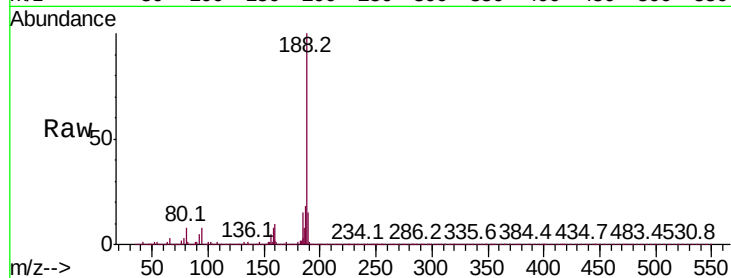
Tot Ion:188 Resp: 778234

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

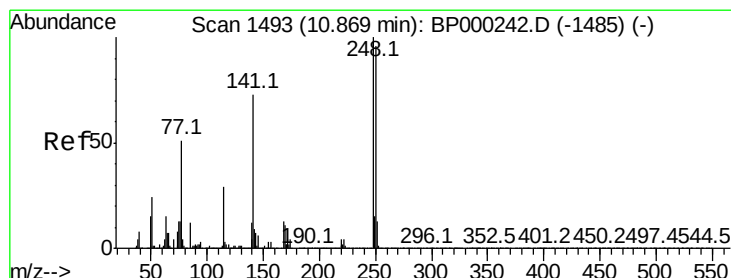
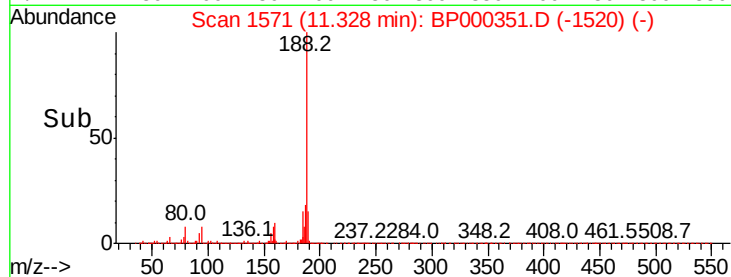
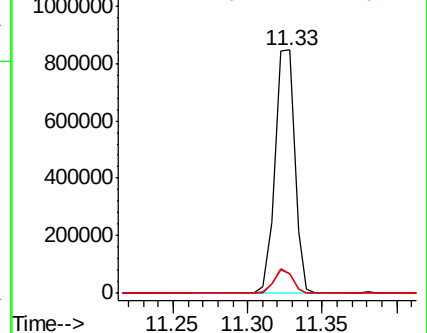
80 8.3 8.6 13.0#



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: 3.110 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

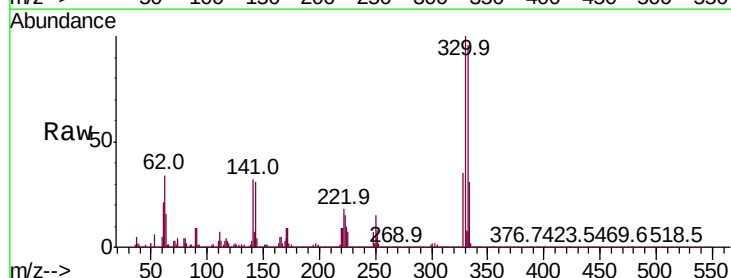
Tgt Ion:248 Resp: 27372

Ion Ratio Lower Upper

248 100

250 201.3 77.0 115.4#

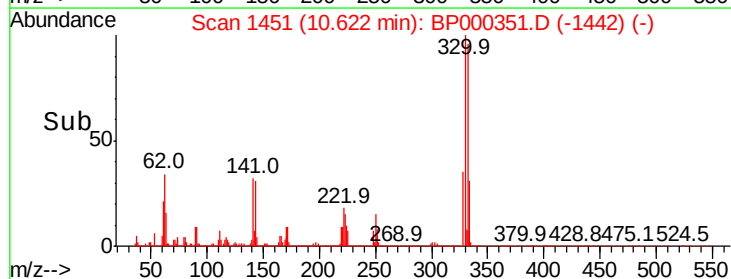
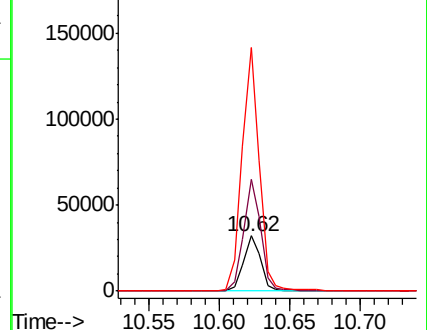
141 440.4 58.5 87.7#

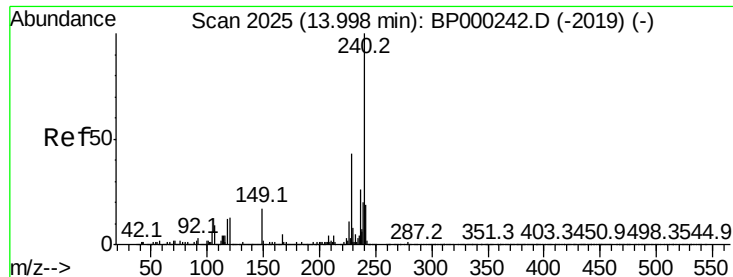


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

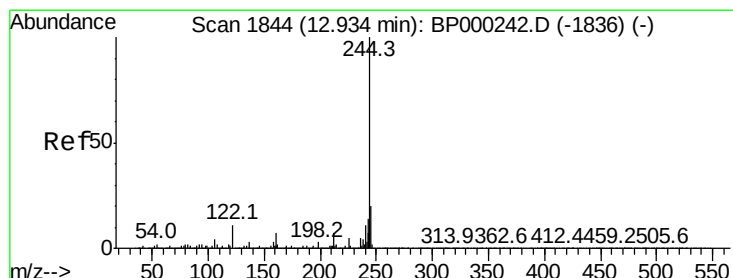
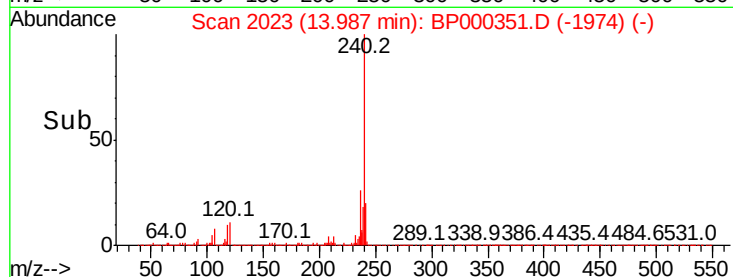
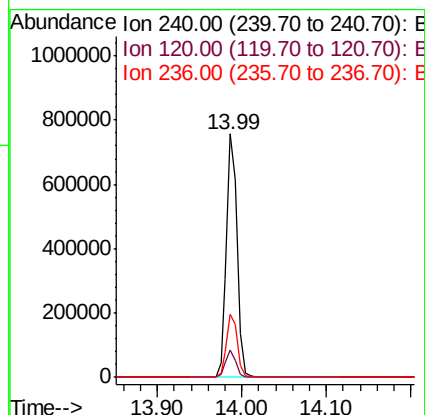
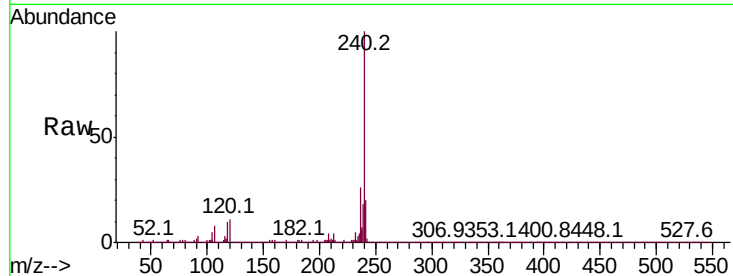




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000351.D
Acq: 20 Sep 2019 14:00

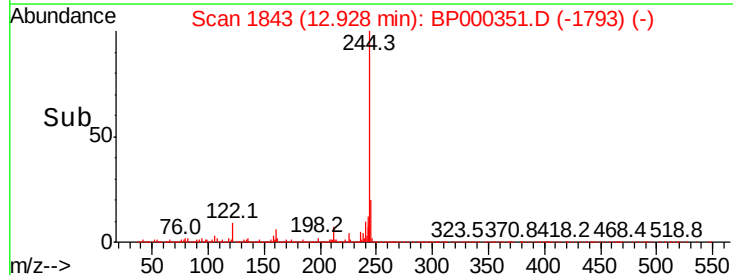
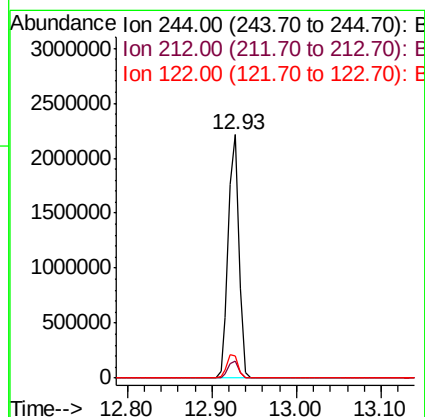
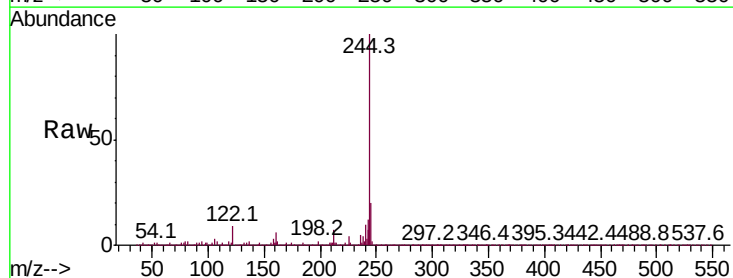
Instrument :
BNA_P
ClientSampleId :

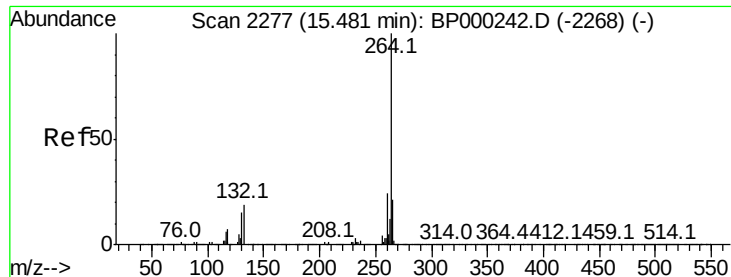
Tot Ion:240 Resp: 666362
Ion Ratio Lower Upper
240 100
120 11.4 10.4 15.6
236 25.7 21.0 31.6



#79
Terphenyl-d14
Concen: 61.001 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000351.D
Acq: 20 Sep 2019 14:00

Tgt Ion:244 Resp: 1937638
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.3 9.0 13.4

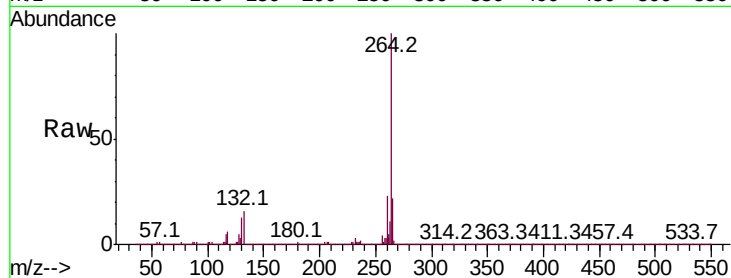




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000351.D
Acq: 20 Sep 2019 14:00

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.1	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

