

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000248.D
 Acq On : 16 Sep 2019 19:59
 Operator : HP/JU
 Sample : K4861-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 17 06:11:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	298091	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1104997	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	635442	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1194276	20.00	ng	0.00
76) Chrysene-d12	13.99	240	1059784	20.00	ng	-0.01
87) Perylene-d12	15.47	264	1099049	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1777888	102.96	ng	0.00
7) Phenol-d6	6.42	99	2251133	106.36	ng	0.00
23) Nitrobenzene-d5	7.35	82	1265248	73.88	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	764240	121.26	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2609614	73.91	ng	0.00
79) Terphenyl-d14	12.93	244	3205637	63.46	ng	0.00

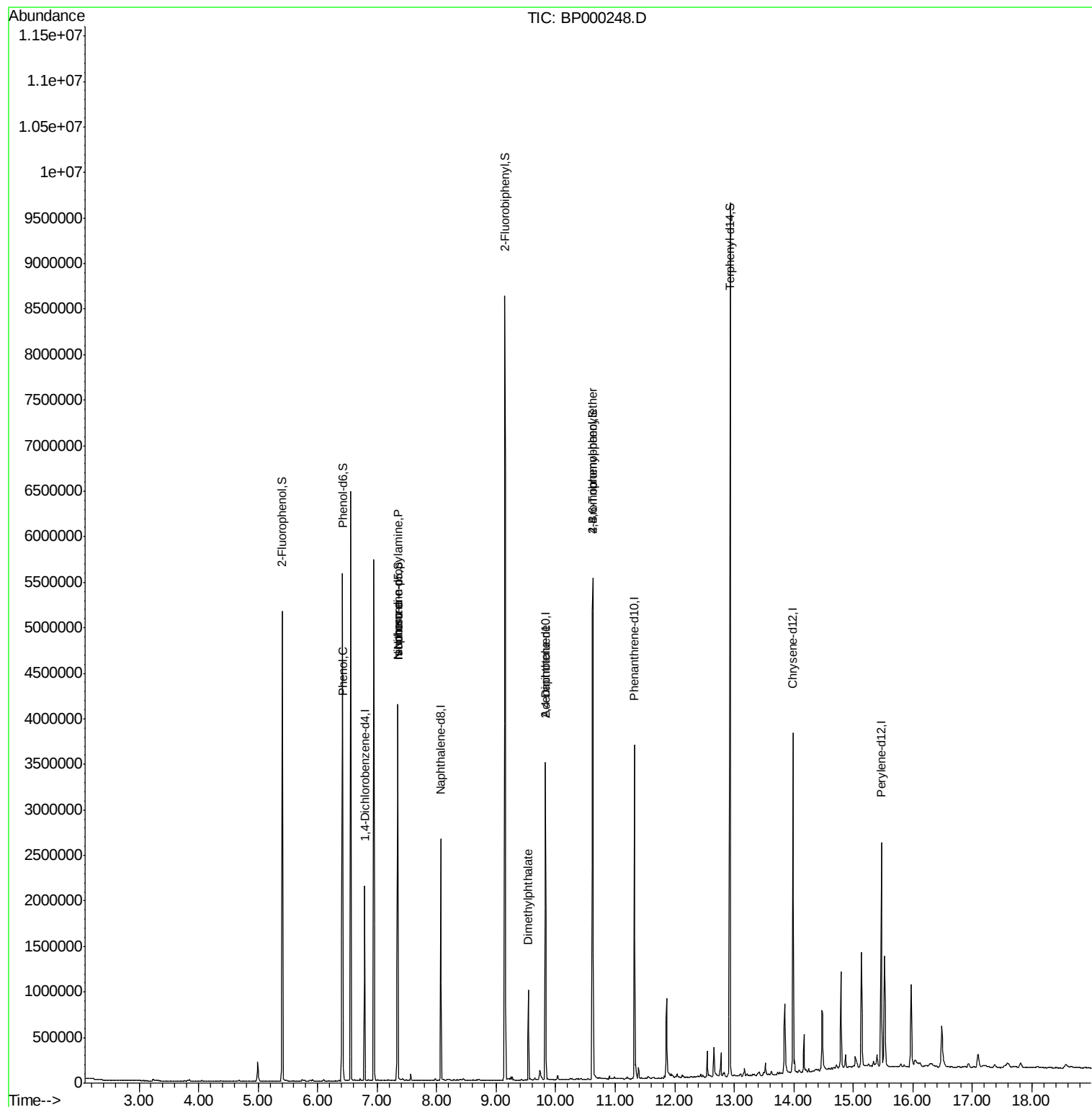
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.42	77	4067	Below Cal	#	3
10) Phenol	6.43	94	112998	4.699	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	157114	14.040	ng	75
25) Isophorone	7.35	82	1264302	37.281	ng	63
50) Dimethylphthalate	9.54	163	354635	8.191	ng	99
57) 2,4-Dinitrotoluene	9.83	165	82137	6.600	ng	35
67) 4-Bromophenyl-phenylether	10.62	248	52687	3.901	ng	1
69) Atrazine	11.00	200	49	Below Cal	#	1

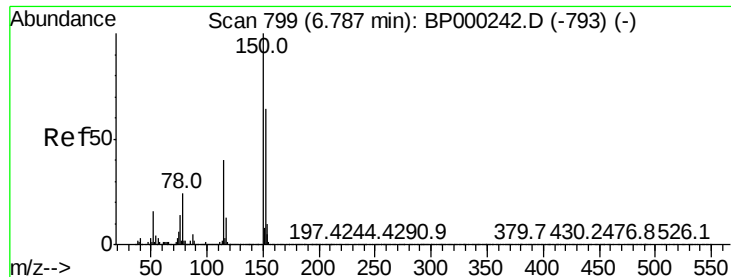
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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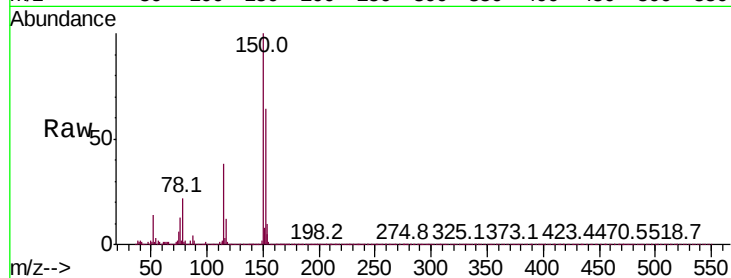


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000248.D
Acq: 16 Sep 2019 19:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.2	187.8
115	59.5	49.7	74.5

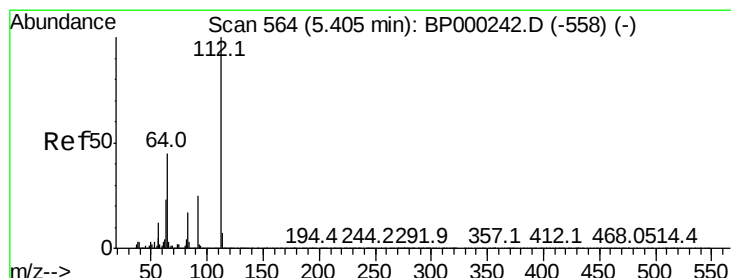
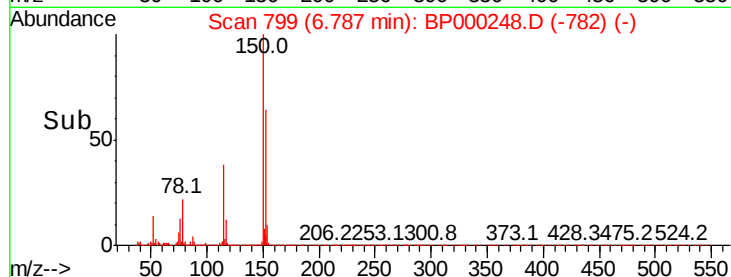
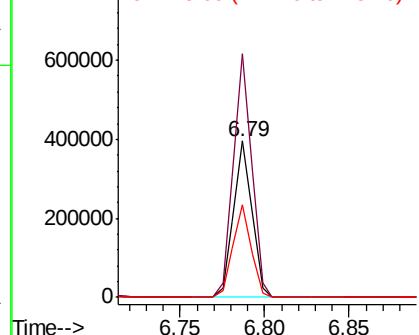


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

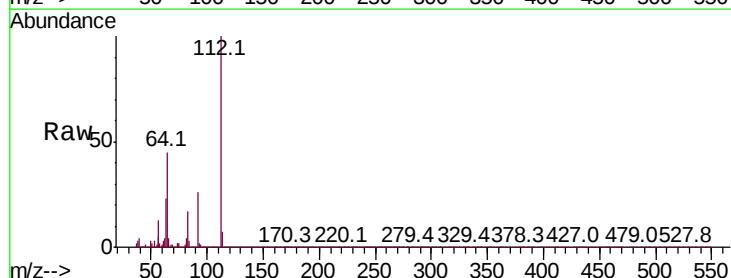
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.964 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BP000248.D
Acq: 16 Sep 2019 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.2	36.2	54.4
63	23.1	18.3	27.5

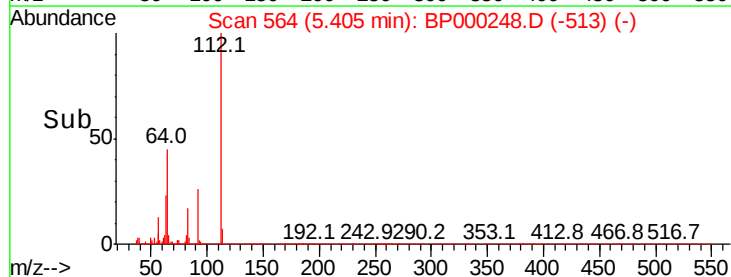
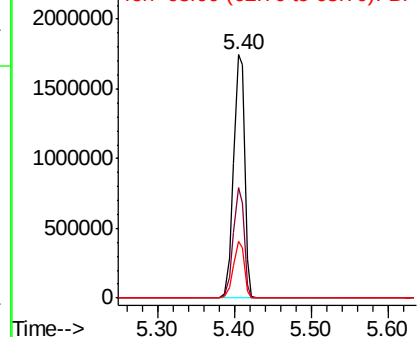


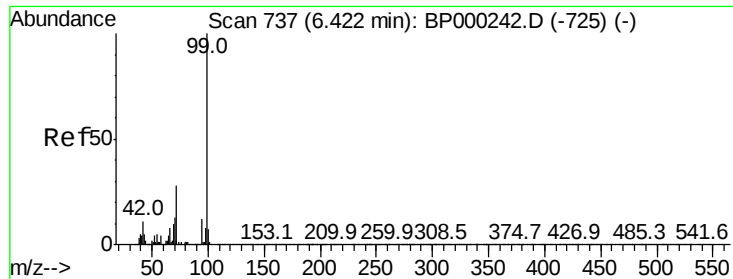
Abundance

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: 106.357 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000248.D

Acq: 16 Sep 2019 19:59

Instrument :

BNA_P

ClientSampleId :

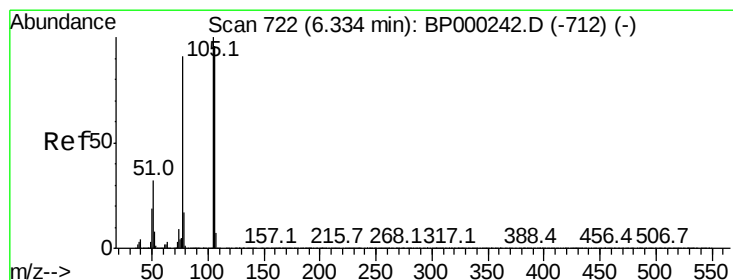
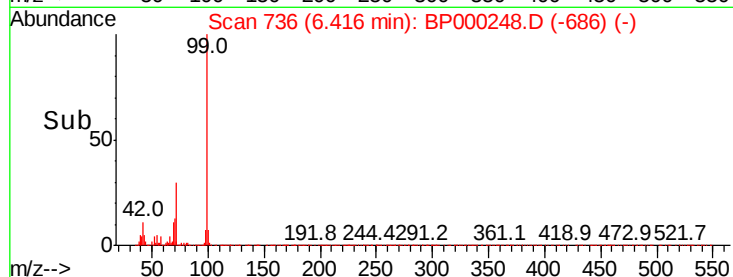
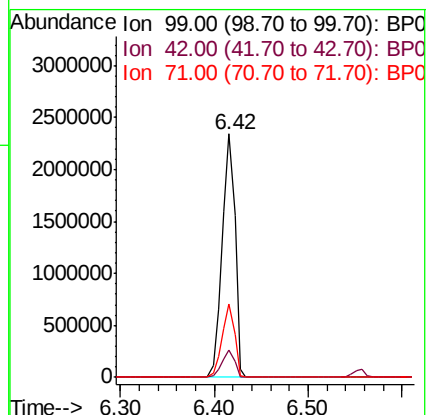
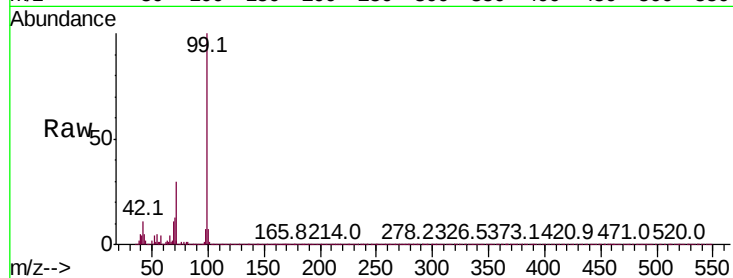
Tot Ion: 99 Resp: 2251133

Ion Ratio Lower Upper

99 100

42 11.1 8.5 12.7

71 30.2 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.42 min Scan# 736

Delta R.T. 0.08 min

Lab File: BP000248.D

Acq: 16 Sep 2019 19:59

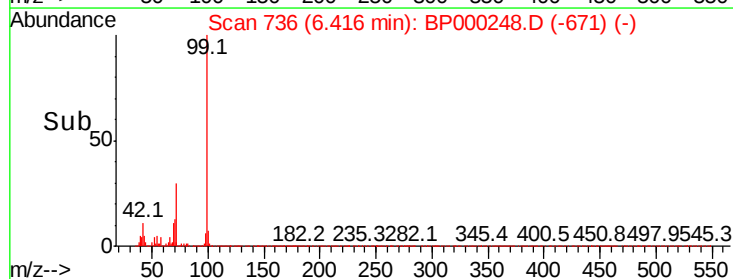
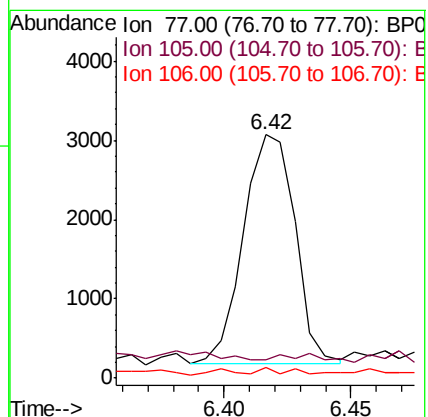
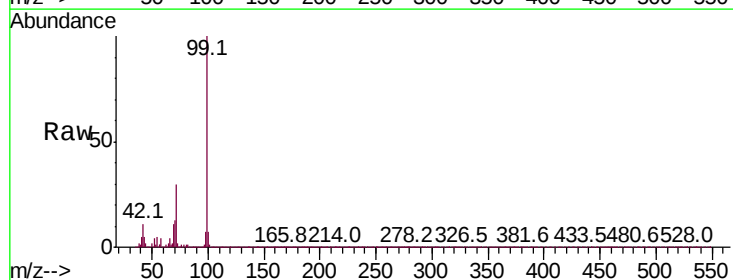
Tgt Ion: 77 Resp: 4067

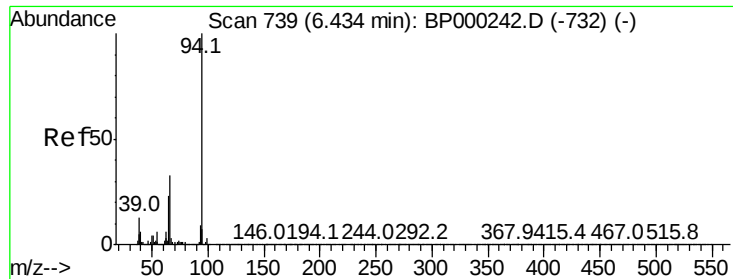
Ion Ratio Lower Upper

77 100

105 7.5 89.6 129.6#

106 4.4 84.6 124.6#





#10

Phenol

Concen: 4.699 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BP000248.D

Acq: 16 Sep 2019 19:59

Instrument :

BNA_P

ClientSampled :

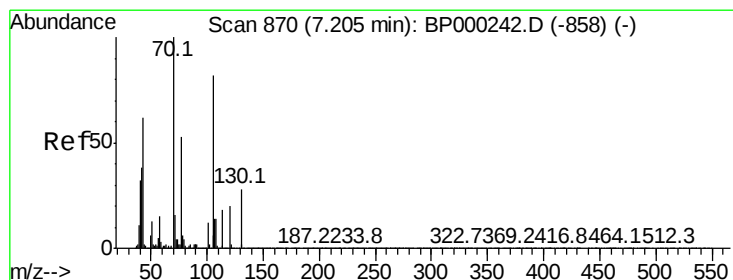
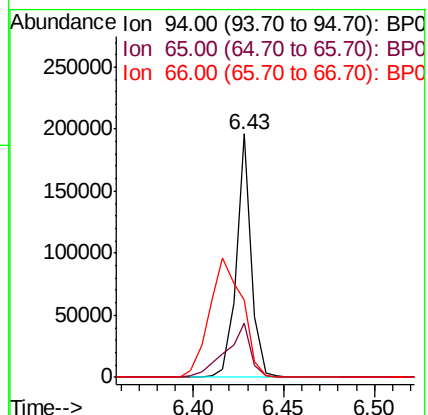
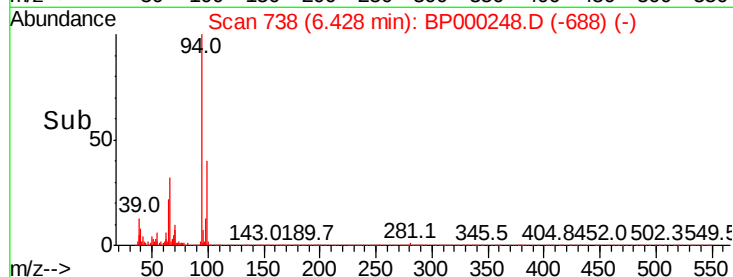
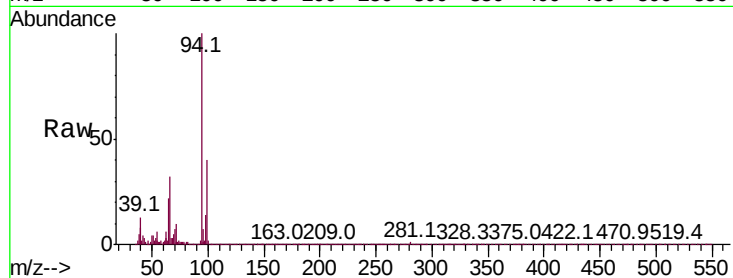
Tot Ion: 94 Resp: 112998

Ion Ratio Lower Upper

94 100

65 22.2 3.3 43.3

66 31.8 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.040 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000248.D

Acq: 16 Sep 2019 19:59

Tgt Ion: 70 Resp: 157114

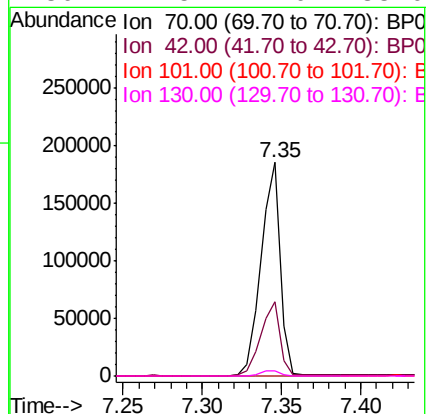
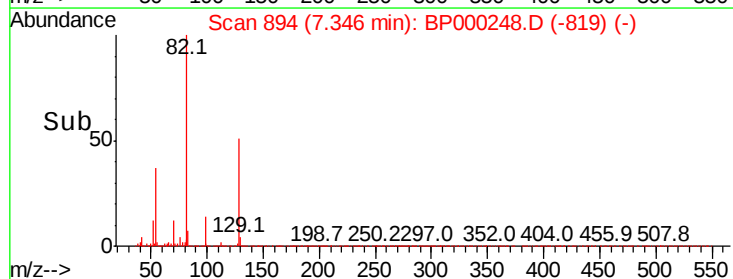
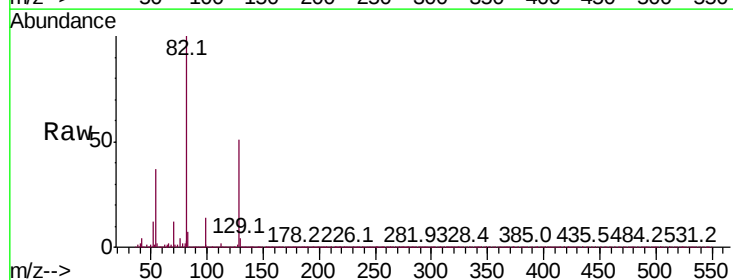
Ion Ratio Lower Upper

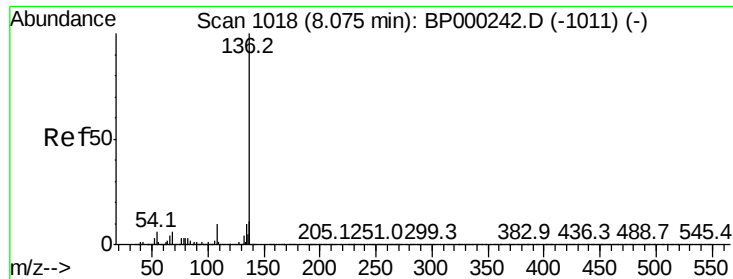
70 100

42 34.5 30.7 46.1

101 0.1 9.6 14.4#

130 2.5 22.0 33.0#

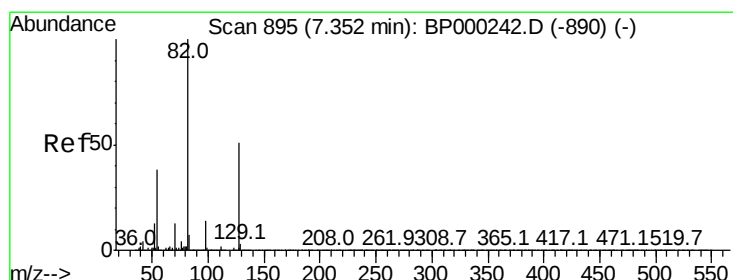
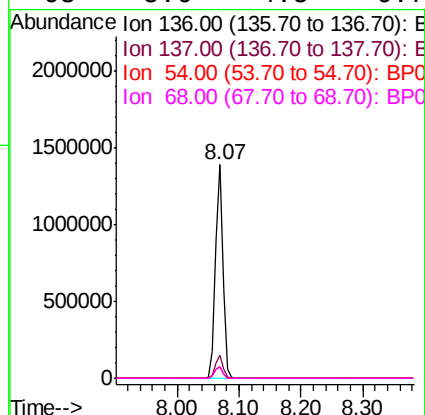
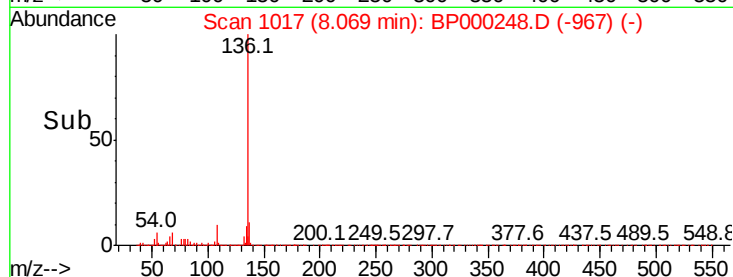
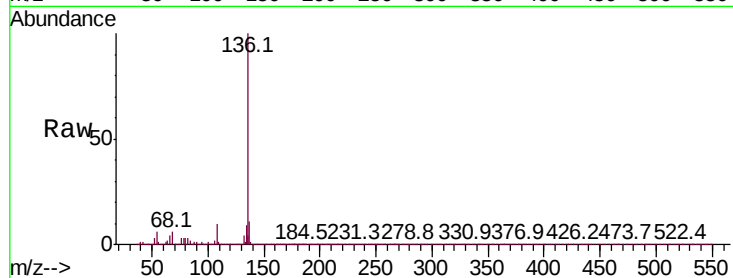




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000248.D
Acq: 16 Sep 2019 19:59

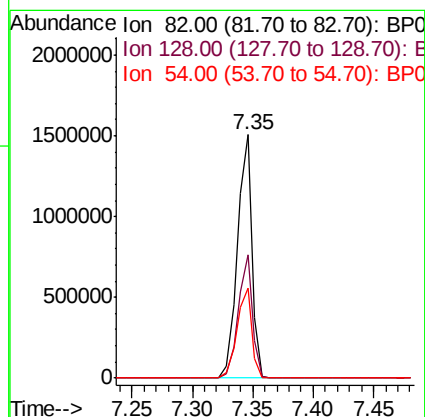
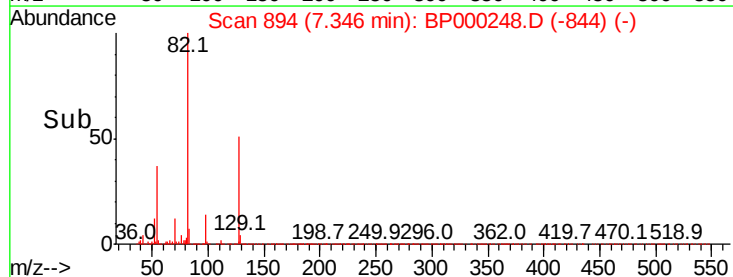
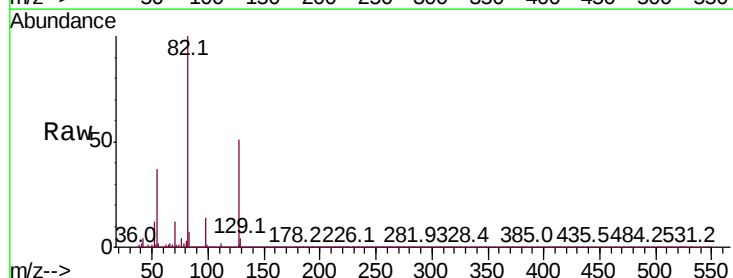
Instrument :
BNA_P
ClientSampleId :

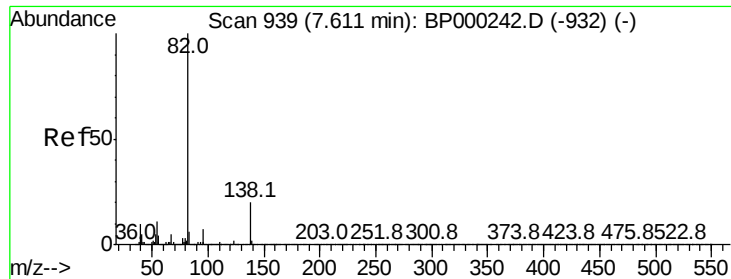
Tot Ion:	136	Resp:	1104997
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.6	4.5	6.7
68	5.6	4.5	6.7



#23
Nitrobenzene-d5
Concen: 73.876 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000248.D
Acq: 16 Sep 2019 19:59

Tgt Ion:	82	Resp:	1265248
Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.7	61.1
54	37.0	30.1	45.1





#25

Isophorone

Concen: 37.281 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000248.D

Acq: 16 Sep 2019 19:59

Instrument :

BNA_P

ClientSampleId :

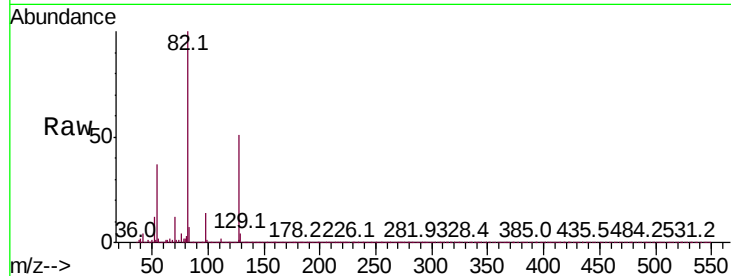
Tot Ion: 82 Resp: 1264302

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): BP0

7.35

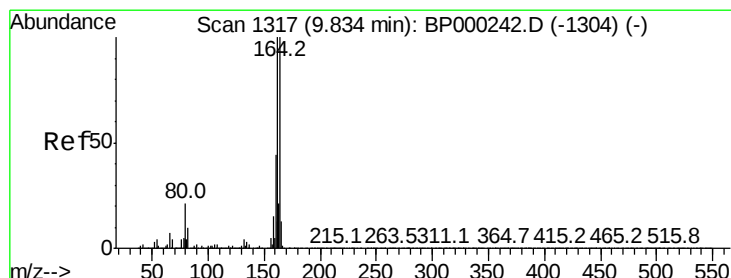
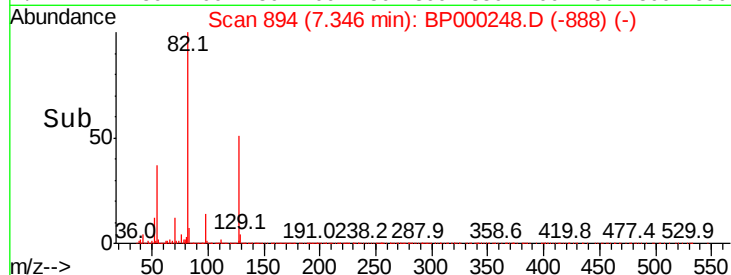
1500000

1000000

500000

0

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000248.D

Acq: 16 Sep 2019 19:59

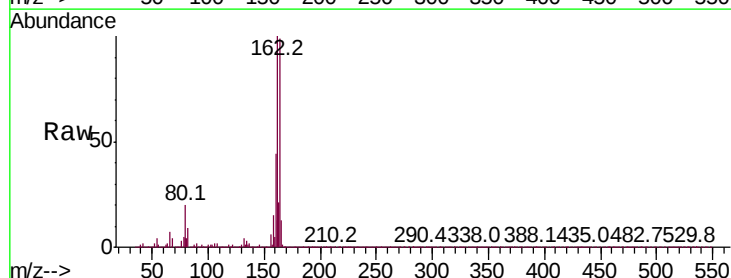
Tgt Ion: 164 Resp: 635442

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

160 44.7 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

9.83

1000000

800000

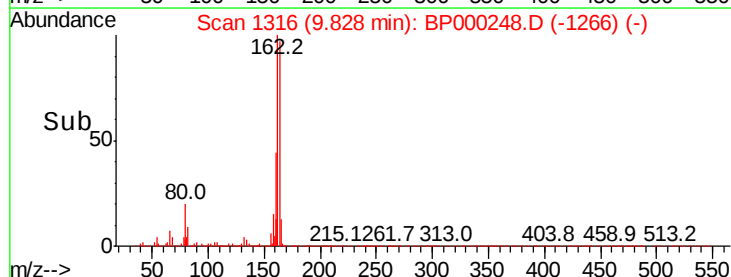
600000

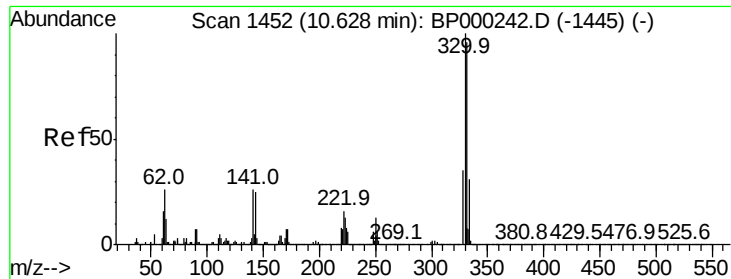
400000

200000

0

Time-->

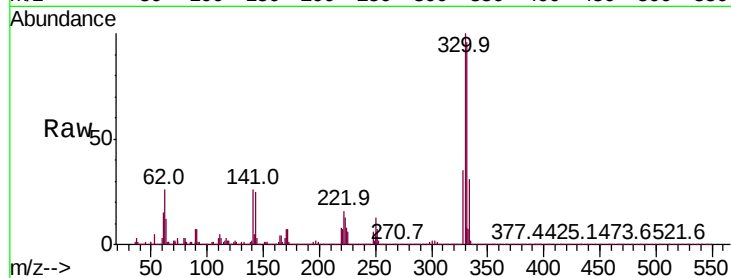




#42
2,4,6-Tribromophenol
Concen: 121.255 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000248.D
Acq: 16 Sep 2019 19:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	31.4	26.5	39.7

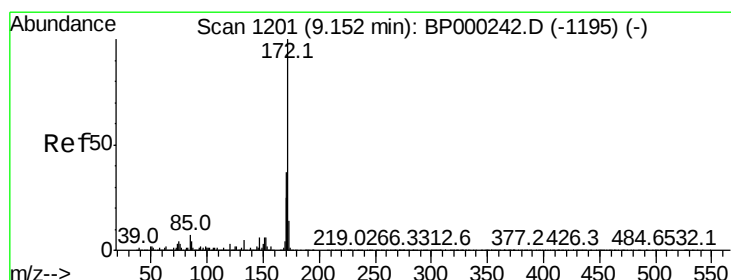
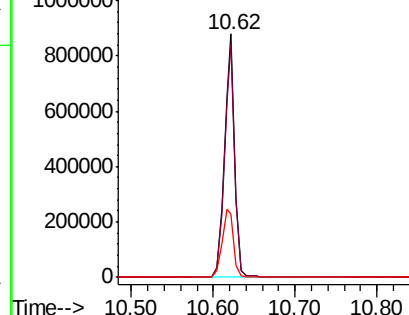
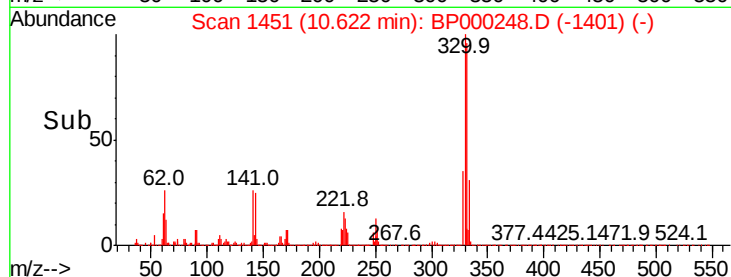


Abundance

Ion 329.80 (329.50 to 330.50): E

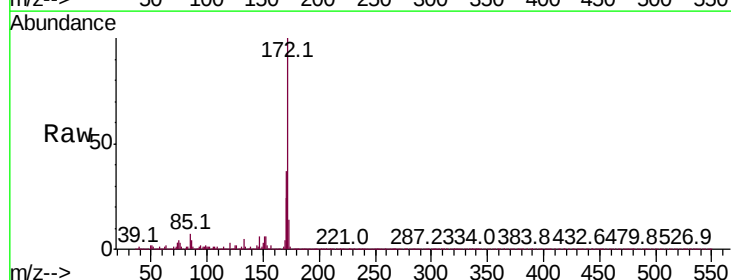
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 73.914 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000248.D
Acq: 16 Sep 2019 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.4	19.8	29.6

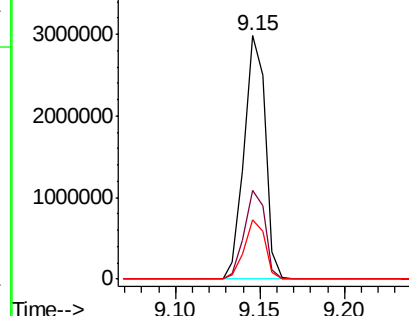
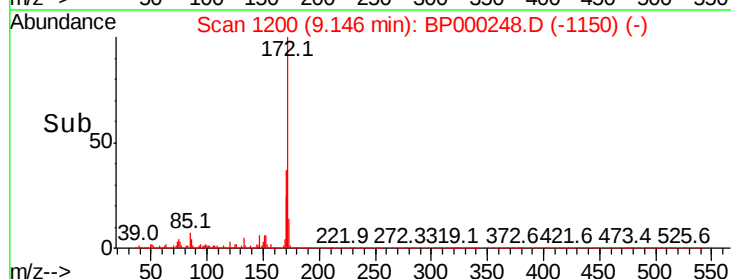


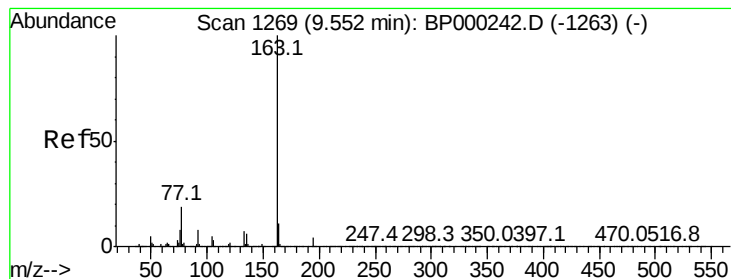
Abundance

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: 8.191 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP000248.D

Acq: 16 Sep 2019 19:59

Instrument :

BNA_P

ClientSampleId :

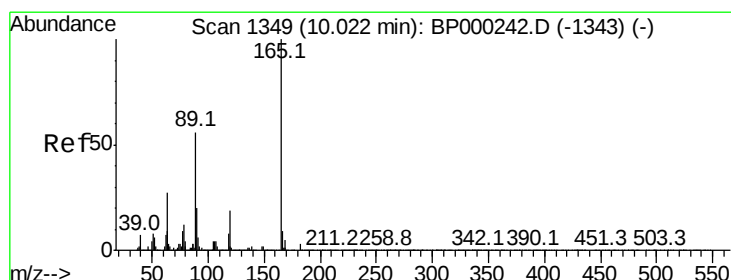
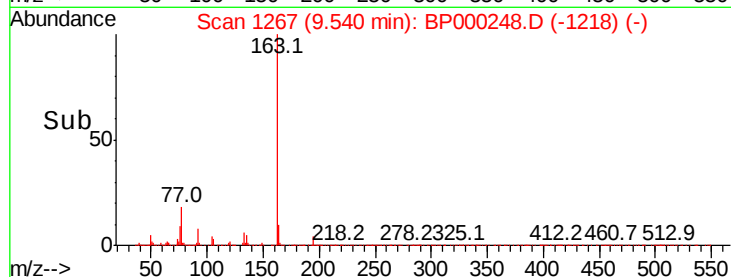
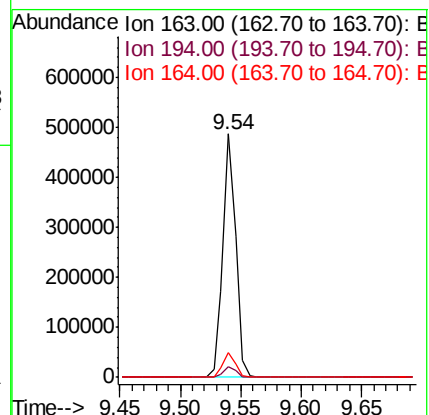
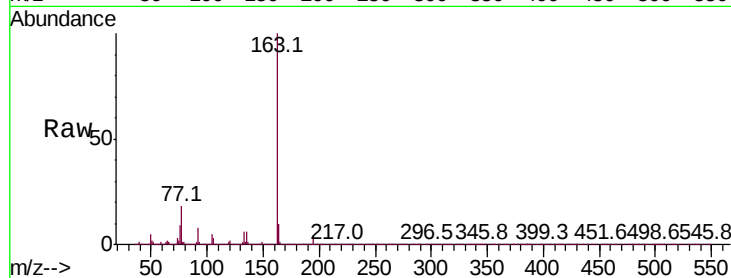
Tot Ion:163 Resp: 354635

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: 6.600 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BP000248.D

Acq: 16 Sep 2019 19:59

Tgt Ion:165 Resp: 82137

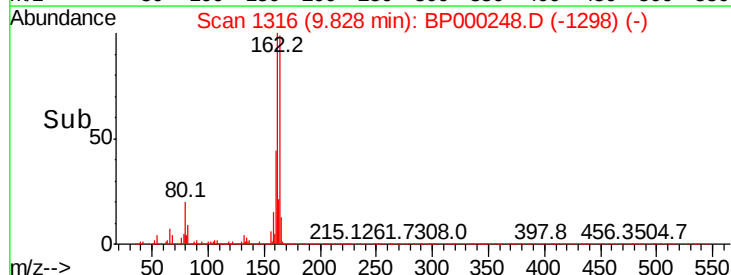
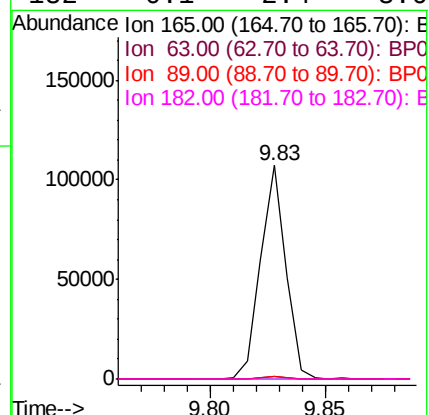
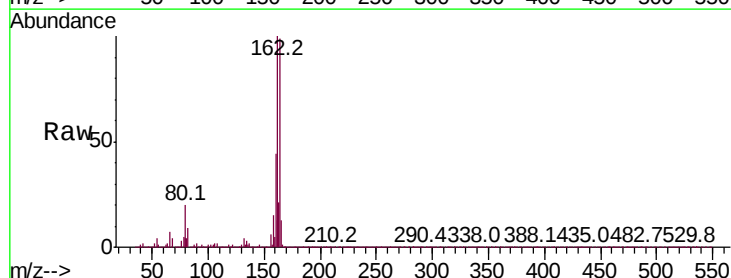
Ion Ratio Lower Upper

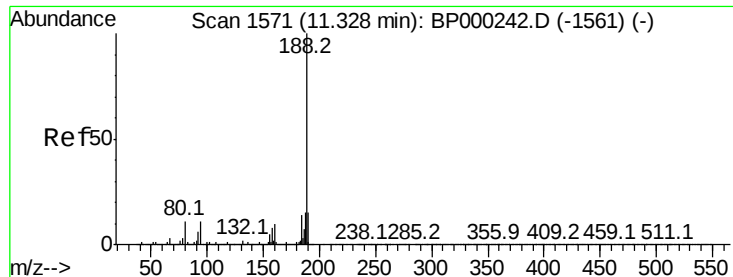
165 100

63 1.0 21.7 32.5#

89 1.2 45.0 67.6#

182 0.1 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000248.D

Acq: 16 Sep 2019 19:59

Instrument :

BNA_P

ClientSampleId :

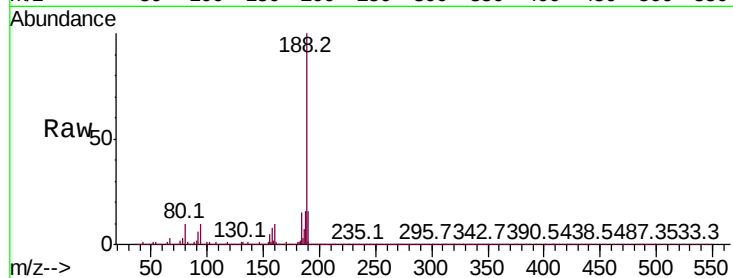
Tot Ion:188 Resp: 1194276

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

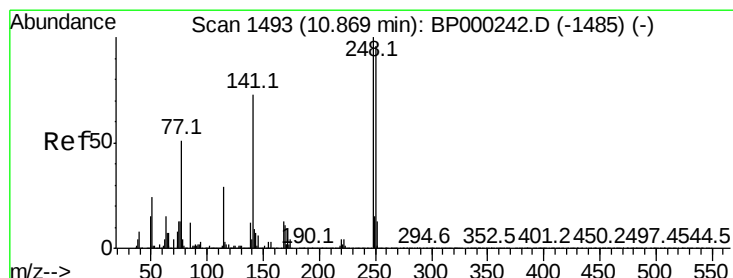
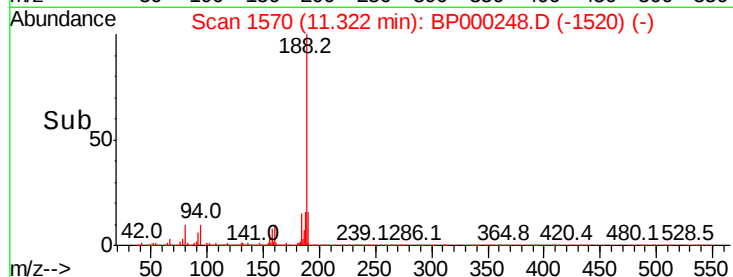
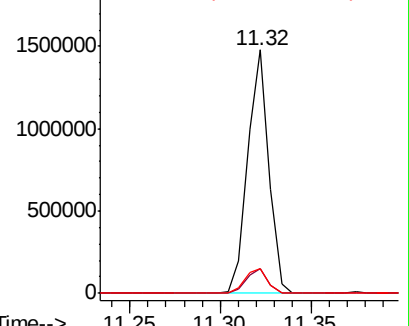
80 10.2 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

2000000 Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#67

4-Bromophenyl-phenylether

Concen: 3.901 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BP000248.D

Acq: 16 Sep 2019 19:59

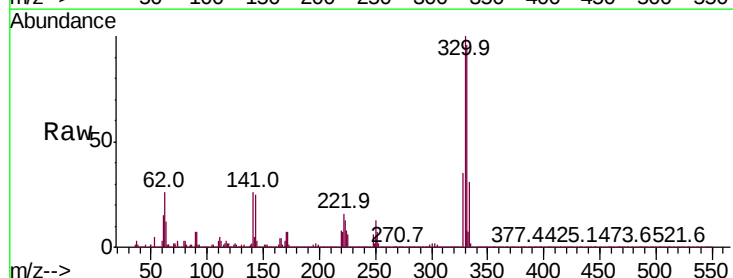
Tgt Ion:248 Resp: 52687

Ion Ratio Lower Upper

248 100

250 199.2 77.0 115.4#

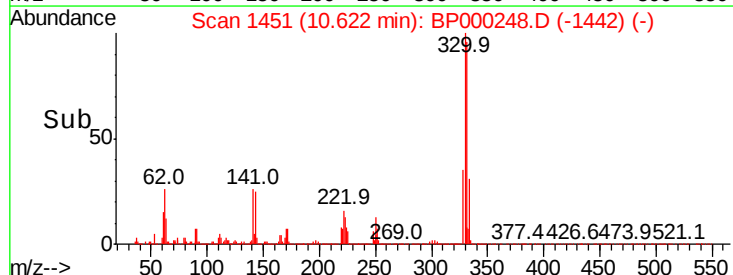
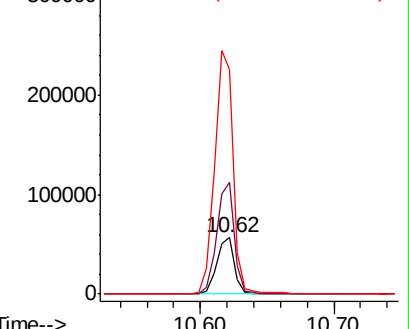
141 398.5 58.5 87.7#

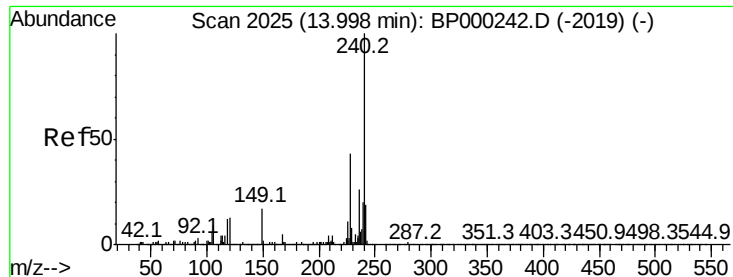


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

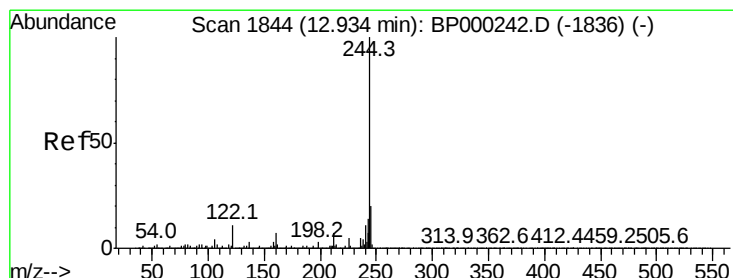
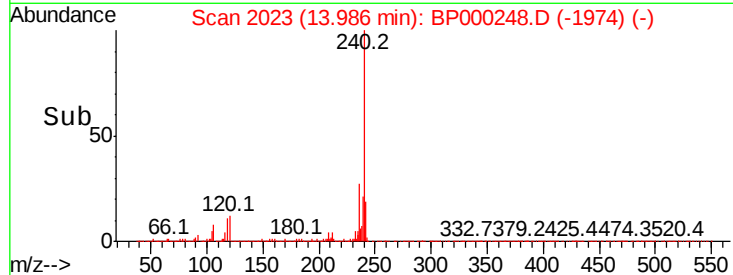
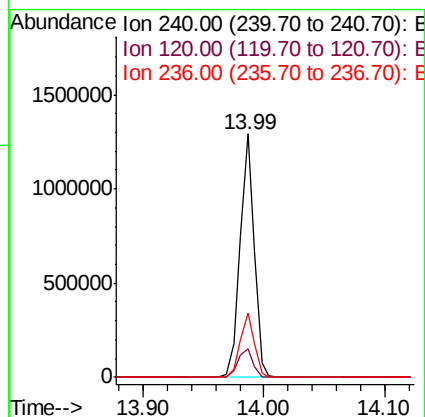
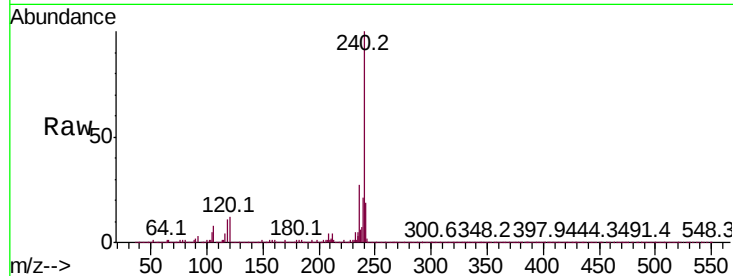




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000248.D
Acq: 16 Sep 2019 19:59

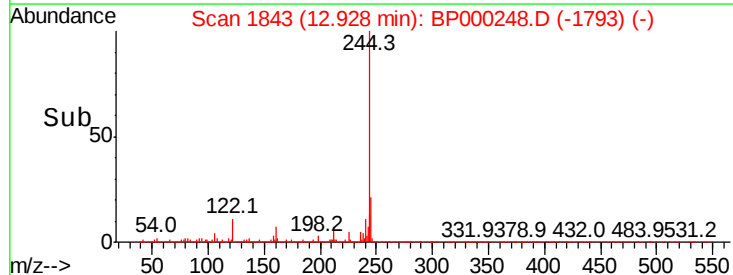
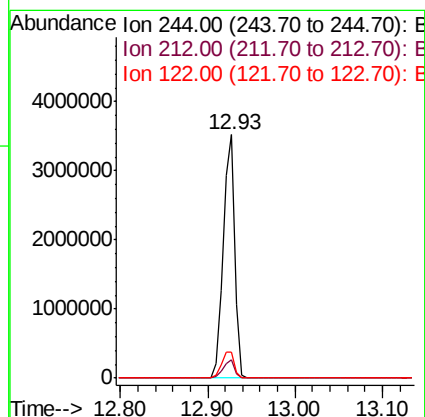
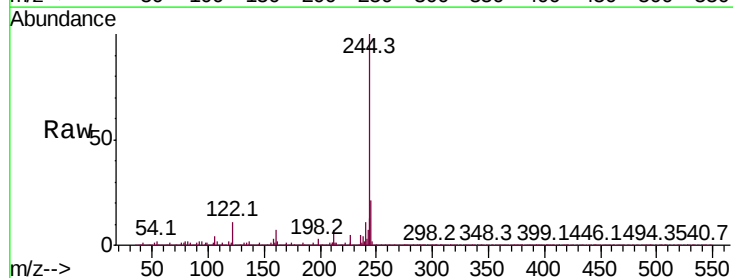
Instrument :
BNA_P
ClientSampleId :

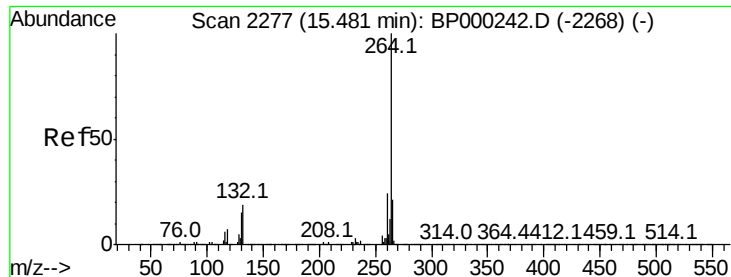
Tot Ion:240 Resp: 1059784
Ion Ratio Lower Upper
240 100
120 11.9 10.4 15.6
236 26.7 21.0 31.6



#79
Terphenyl-d14
Concen: 63.456 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000248.D
Acq: 16 Sep 2019 19:59

Tgt Ion:244 Resp: 3205637
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.6 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: BP000248.D
Acq: 16 Sep 2019 19:59

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 1099049

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.2	17.2	25.8

