

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000521.D
 Acq On : 04 Oct 2019 20:49
 Operator : JU
 Sample : K5194-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 04 23:42:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

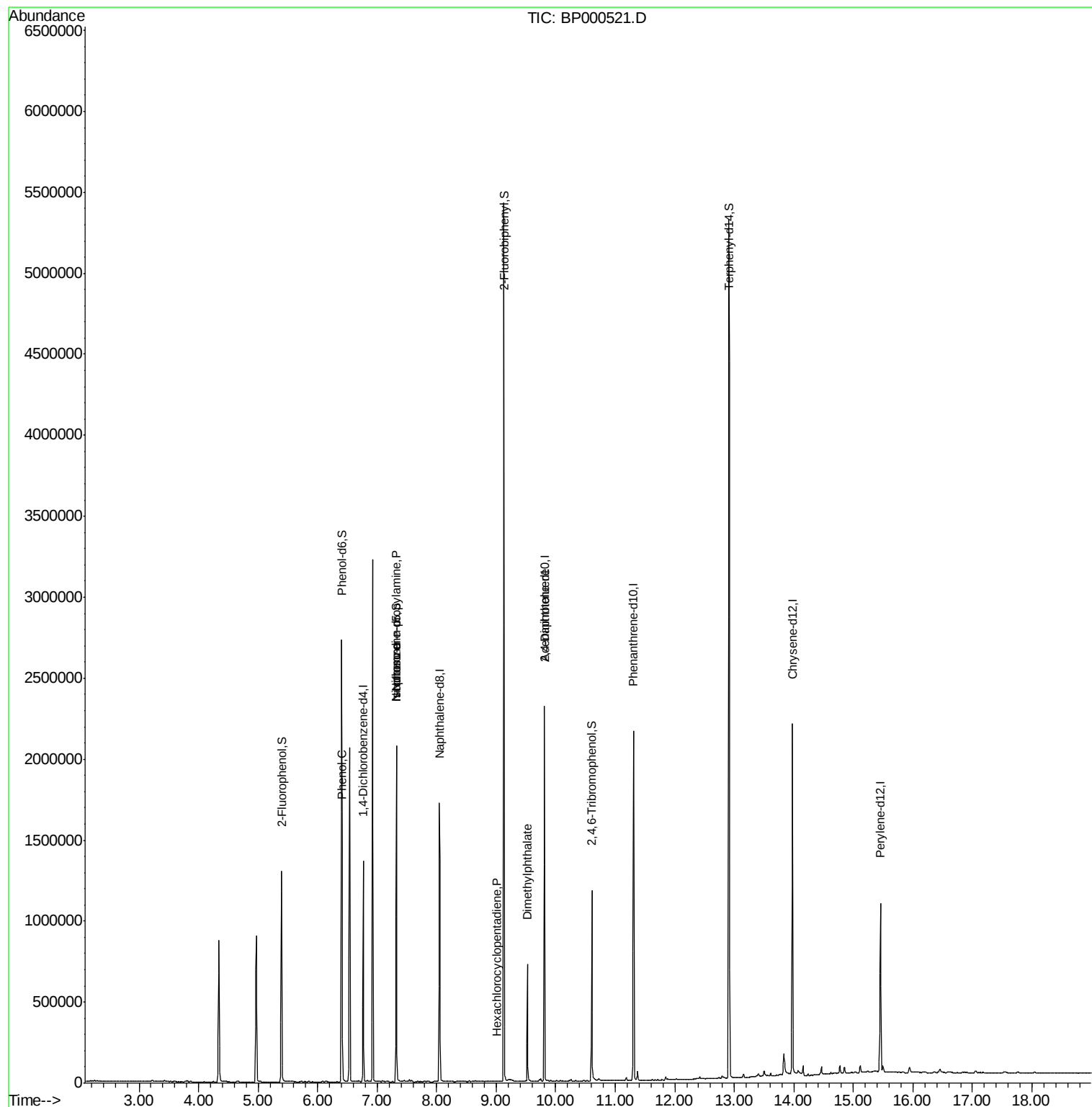
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	206136	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	754749	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	434735	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	802740	20.00	ng	0.00
76) Chrysene-d12	13.97	240	677312	20.00	ng	0.00
87) Perylene-d12	15.46	264	518245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	422967	32.98	ng	0.00
7) Phenol-d6	6.40	99	966211	62.52	ng	0.00
23) Nitrobenzene-d5	7.32	82	654612	52.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	151149	32.63	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1618001	60.22	ng	0.00
79) Terphenyl-d14	12.91	244	1901116	56.83	ng	0.00
Target Compounds						
10) Phenol	6.42	94	37431	2.366	ng	94
19) n-Nitroso-di-n-propylamine	7.32	70	81548	11.449	ng	# 74
25) Isophorone	7.32	82	654216	29.829	ng	# 61
41) Hexachlorocyclopentadiene	9.01	237	11	7.299	ng	83
50) Dimethylphthalate	9.52	163	290389	9.613	ng	99
57) 2,4-Dinitrotoluene	9.81	165	55608	6.367	ng	# 32

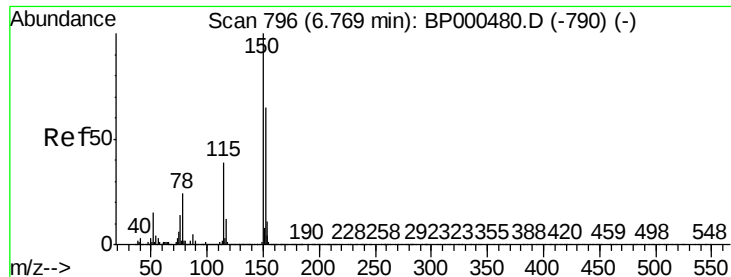
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration



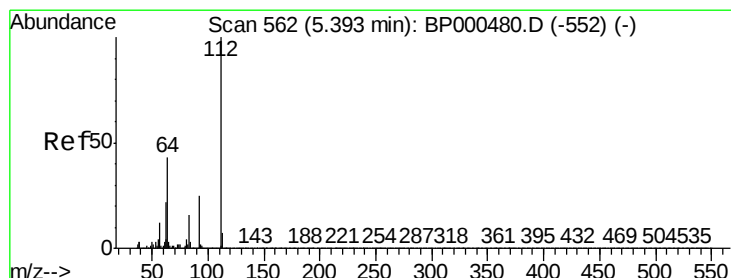
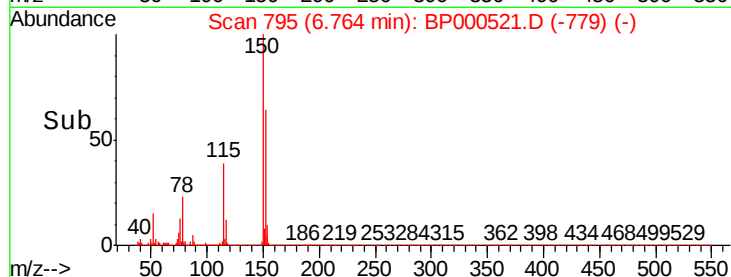
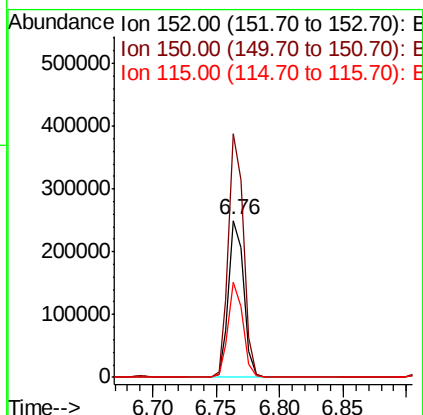
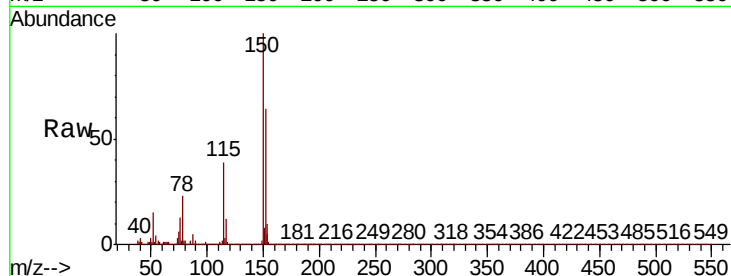


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000521.D
Acq: 04 Oct 2019 20:49

Instrument :
BNA_P
ClientSampled :

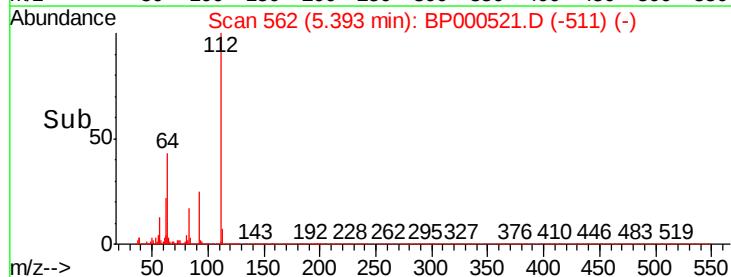
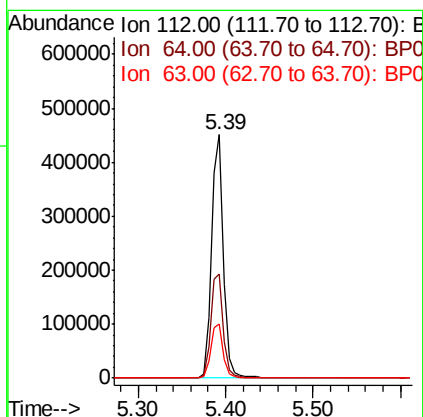
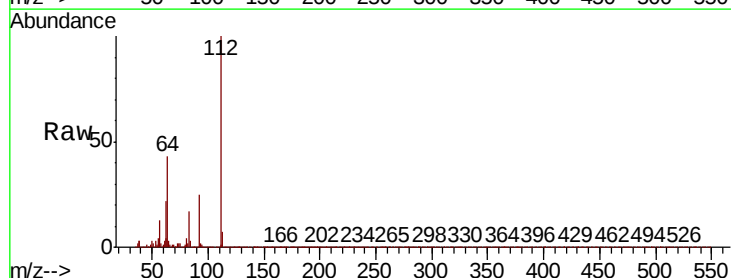
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.1	186.1
115	60.5	48.7	73.1

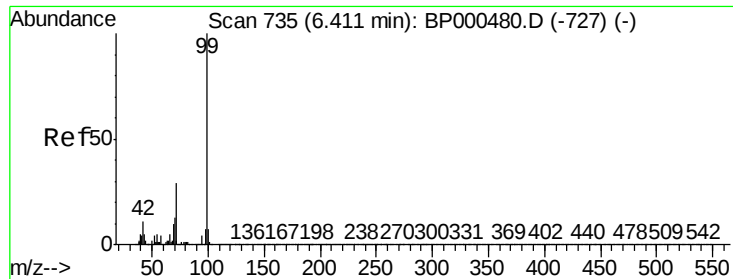


#5

2-Fluorophenol
Concen: 32.983 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BP000521.D
Acq: 04 Oct 2019 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.8	34.2	51.4
63	22.0	17.9	26.9





#7

Phenol-d6

Concen: 62.525 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000521.D

Acq: 04 Oct 2019 20:49

Instrument :

BNA_P

ClientSampleId :

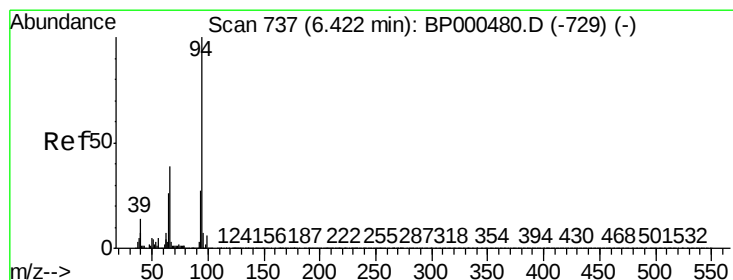
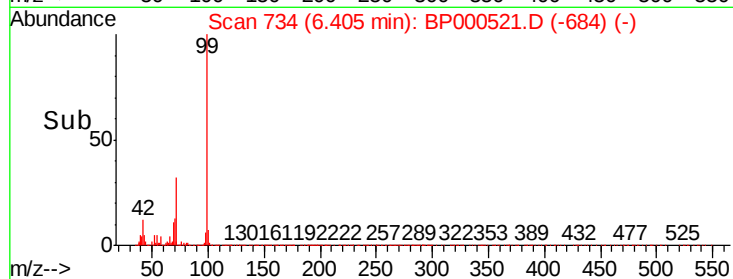
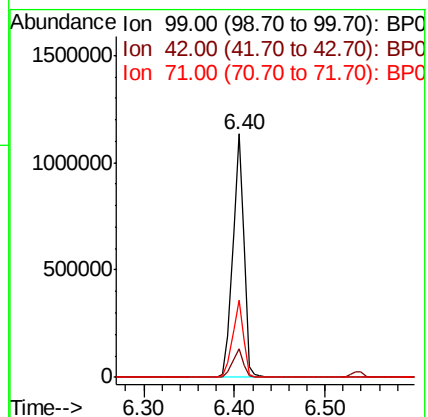
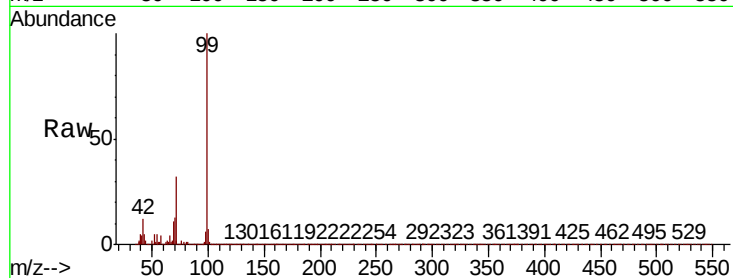
Tot Ion: 99 Resp: 966211

Ion Ratio Lower Upper

99 100

42 11.6 8.6 12.8

71 31.9 23.0 34.4



#10

Phenol

Concen: 2.366 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000521.D

Acq: 04 Oct 2019 20:49

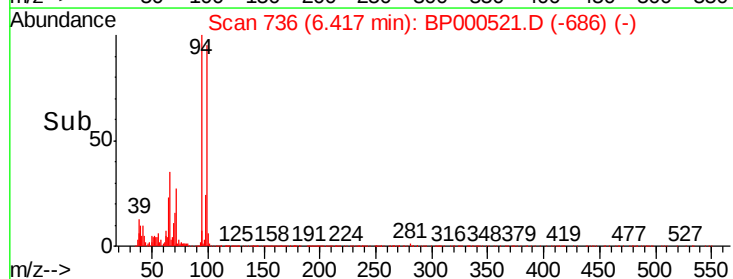
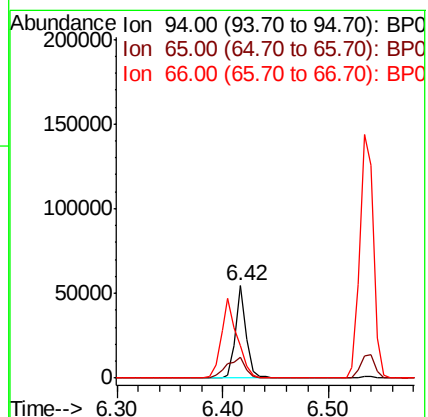
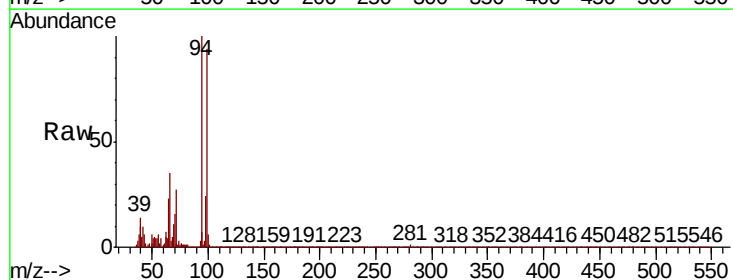
Tgt Ion: 94 Resp: 37431

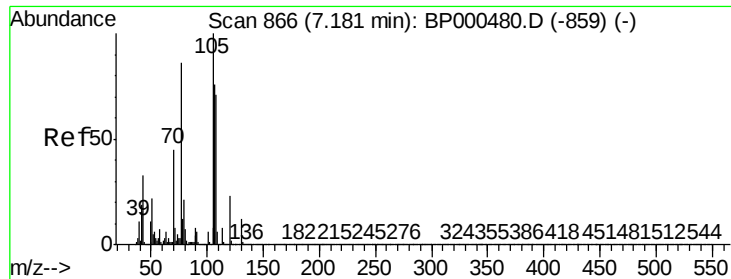
Ion Ratio Lower Upper

94 100

65 23.2 5.9 45.9

66 35.2 18.8 58.8

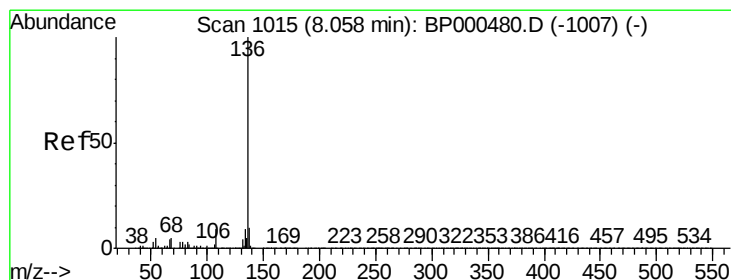
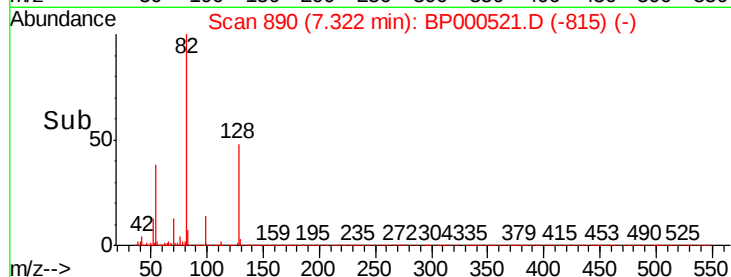
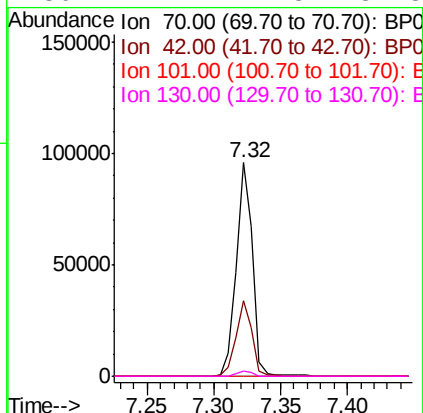
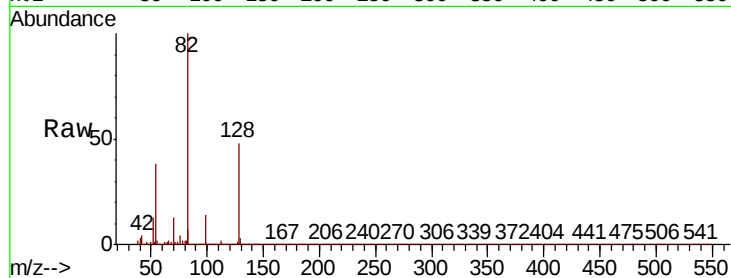




#19
n-Nitroso-di-n-propylamine
Concen: 11.449 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BP000521.D
Acq: 04 Oct 2019 20:49

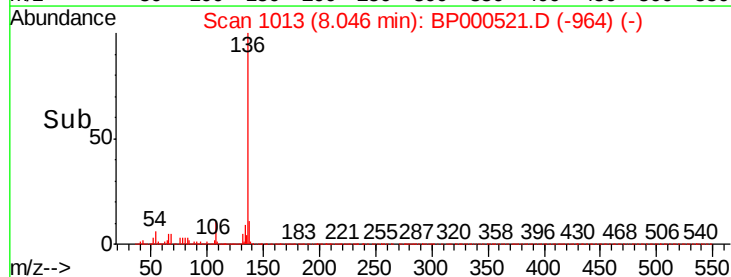
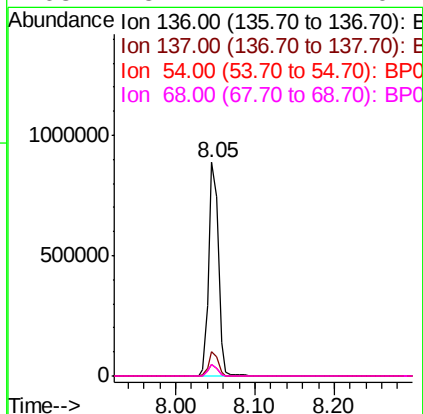
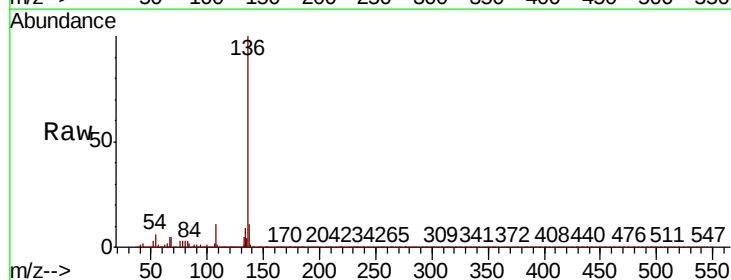
Instrument :
BNA_P
ClientSampleId :

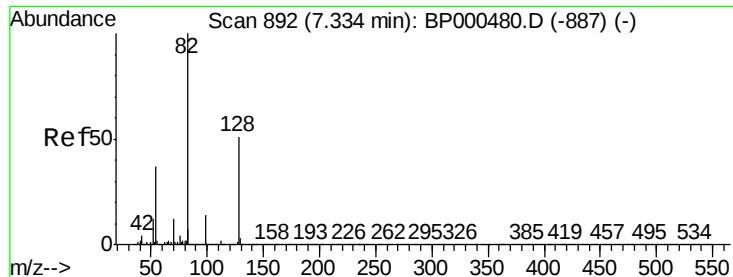
Tot Ion:	70	Resp:	81548
Ion	Ratio	Lower	Upper
70	100		
42	35.1	33.2	49.8
101	0.0	9.9	14.9#
130	2.4	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000521.D
Acq: 04 Oct 2019 20:49

Tgt Ion:	136	Resp:	754749
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	5.7	4.1	6.1
68	5.4	4.1	6.1

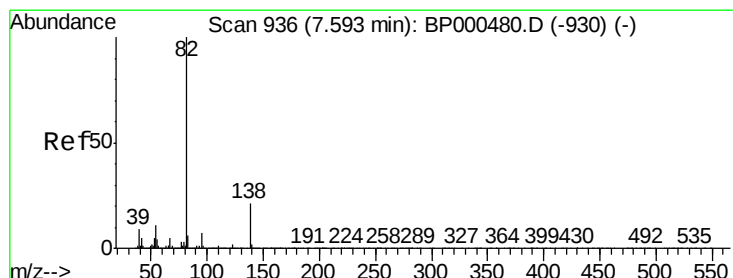
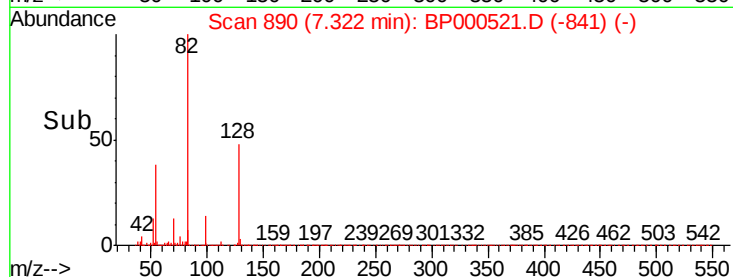
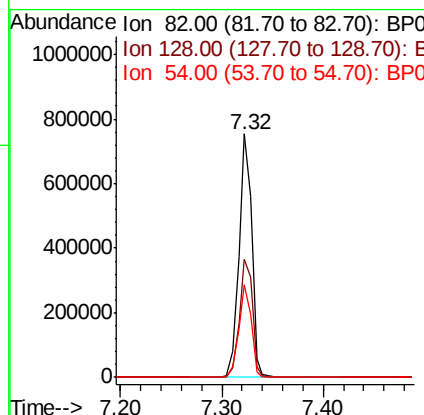
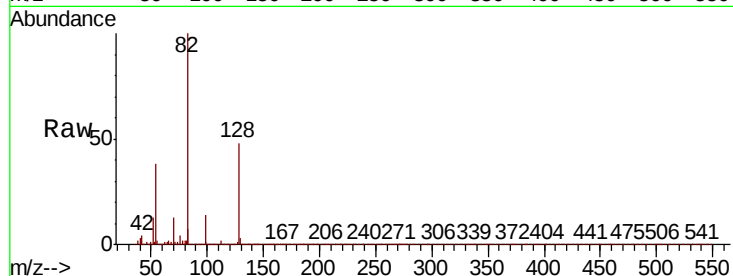




#23
 Nitrobenzene-d5
 Concen: 52.972 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BP000521.D
 Acq: 04 Oct 2019 20:49

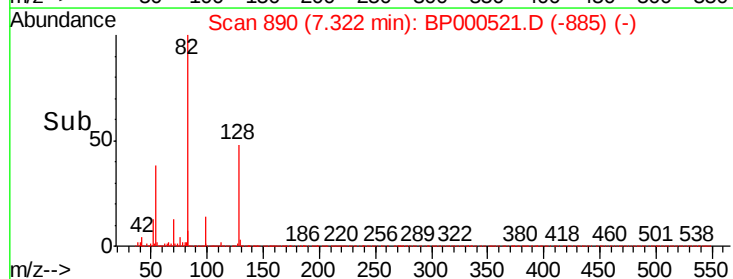
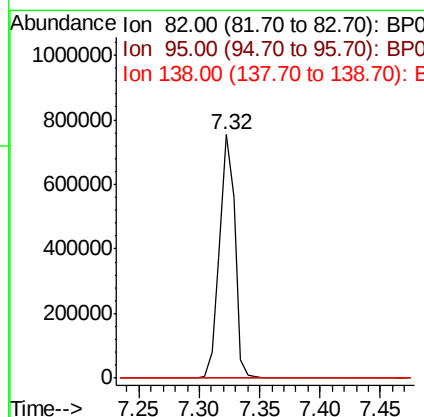
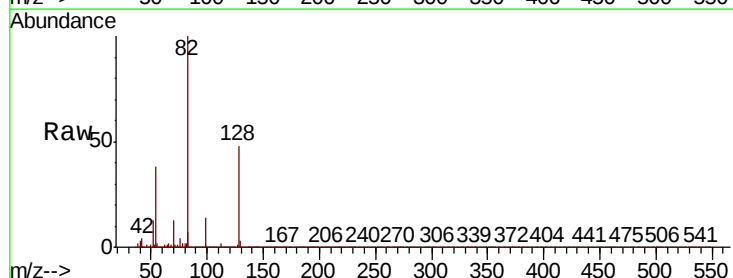
Instrument :
 BNA_P
 ClientSampleID :

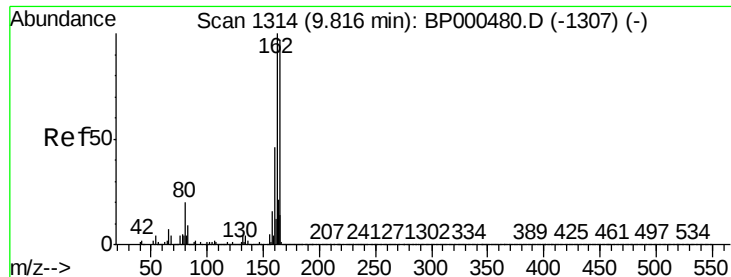
Tot Ion	82	Resp	654612
Ion Ratio	Lower	Upper	
82	100		
128	48.4	40.9	61.3
54	38.0	29.4	44.2



#25
 Isophorone
 Concen: 29.829 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.27 min
 Lab File: BP000521.D
 Acq: 04 Oct 2019 20:49

Tgt Ion	82	Resp	654216
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

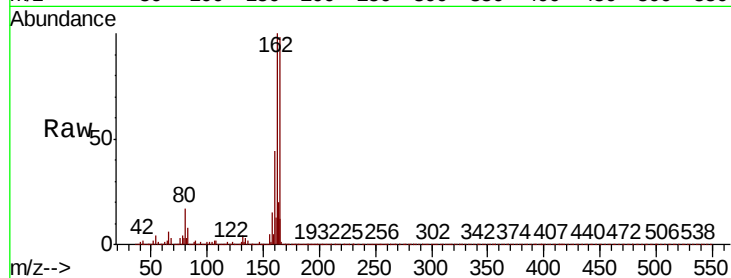




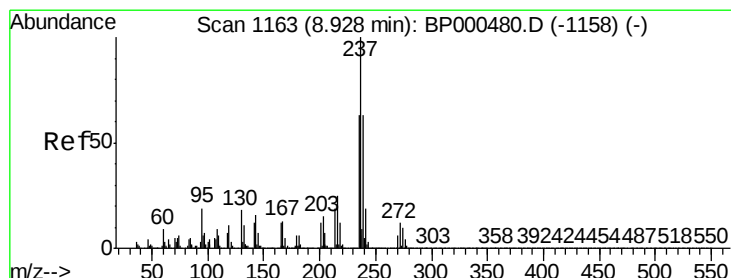
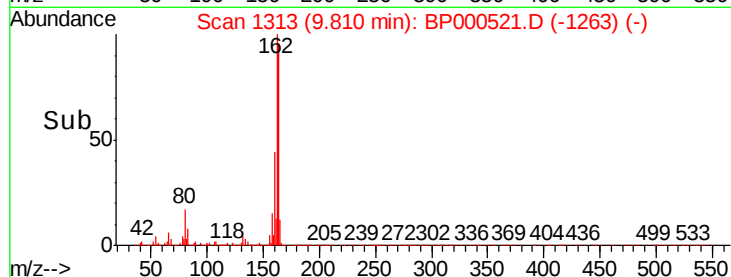
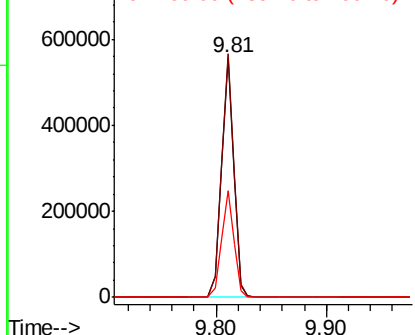
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000521.D
Acq: 04 Oct 2019 20:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	44.5	37.6	56.4

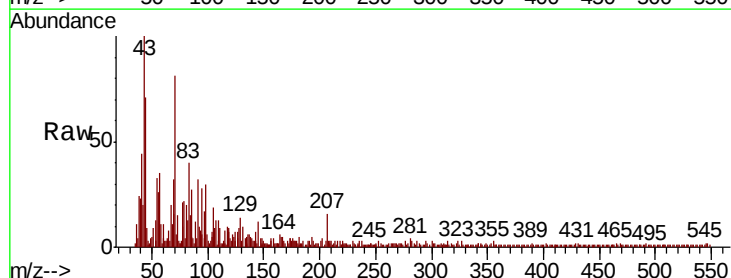


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

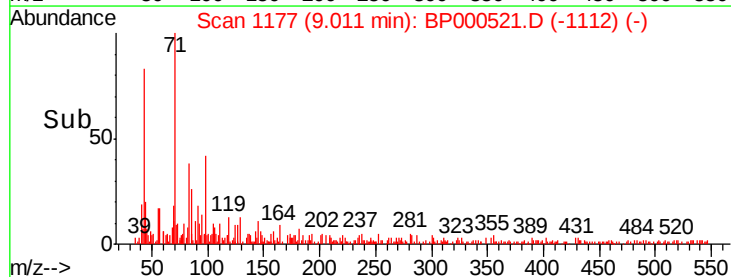
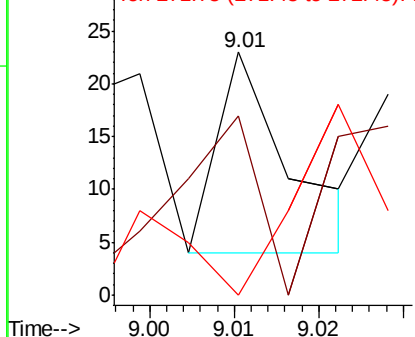


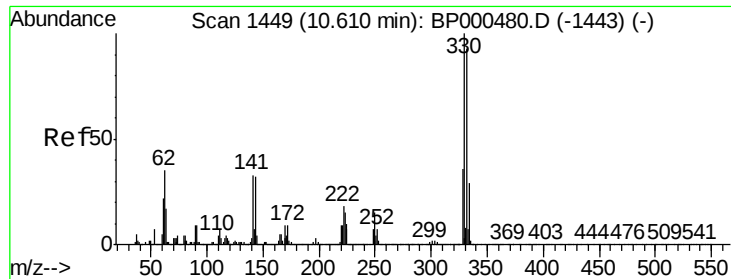
#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.08 min
Lab File: BP000521.D
Acq: 04 Oct 2019 20:49

Tgt Ion	Ratio	Lower	Upper
237	100		
235	73.9	42.9	82.9
272	0.0	0.0	32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 32.627 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BP000521.D

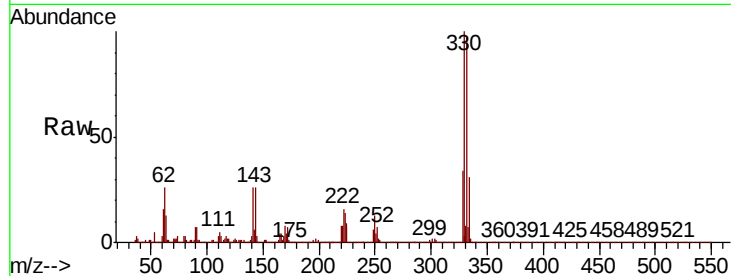
Acq: 04 Oct 2019 20:49

Instrument :

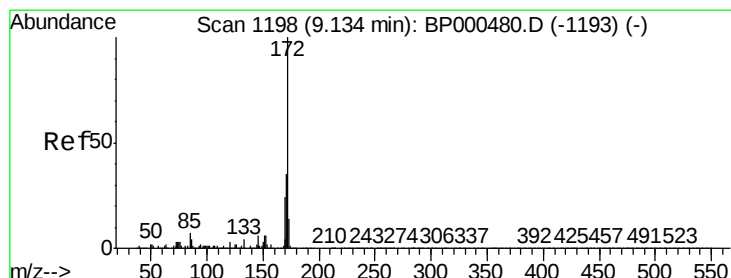
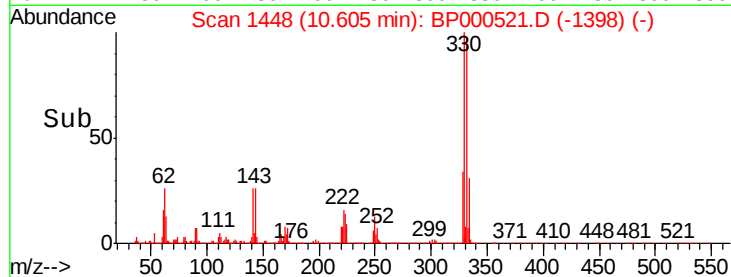
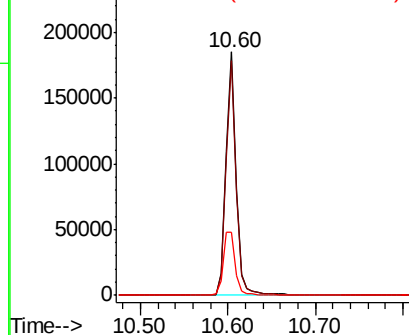
BNA_P

ClientSampled :

Tot Ion:	330	Resp:	151149
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	30.6	26.0	39.0



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: 60.219 ng

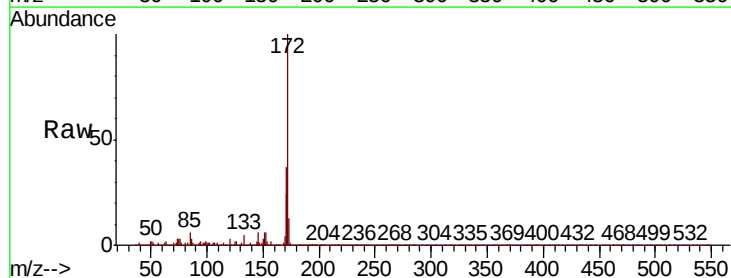
RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

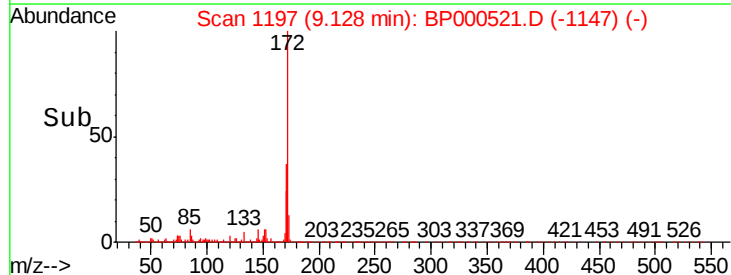
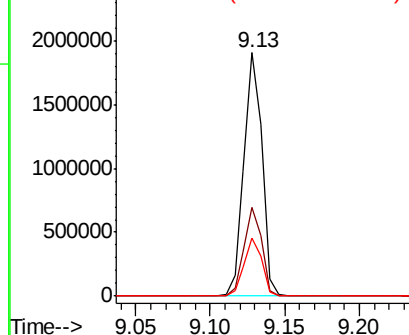
Lab File: BP000521.D

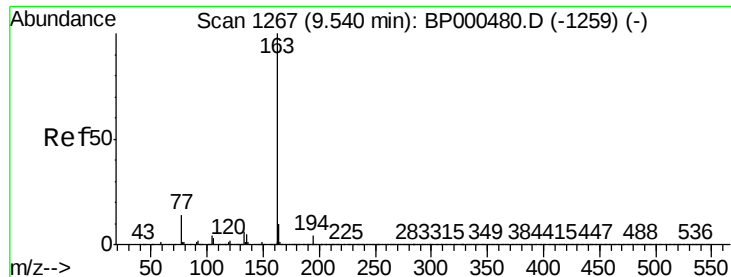
Acq: 04 Oct 2019 20:49

Tgt Ion:	172	Resp:	1618001
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.4	42.6
170	23.9	19.1	28.7



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: 9.613 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BP000521.D

Acq: 04 Oct 2019 20:49

Instrument :

BNA_P

ClientSampleId :

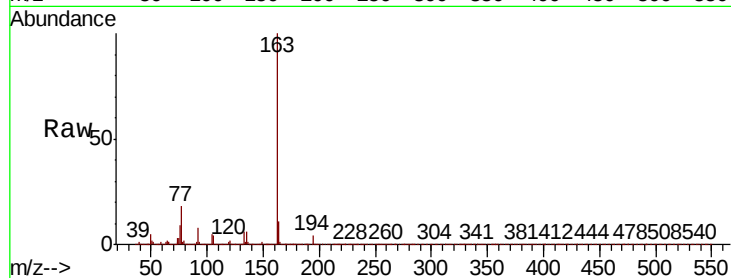
Tot Ion:163 Resp: 290389

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

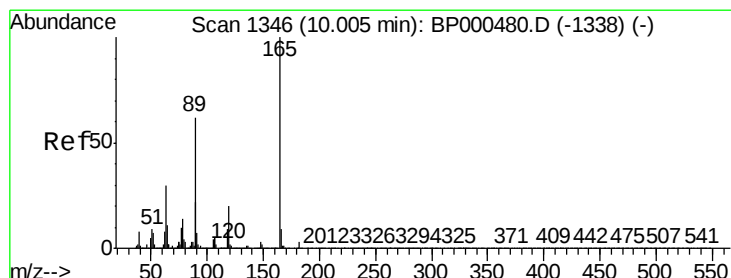
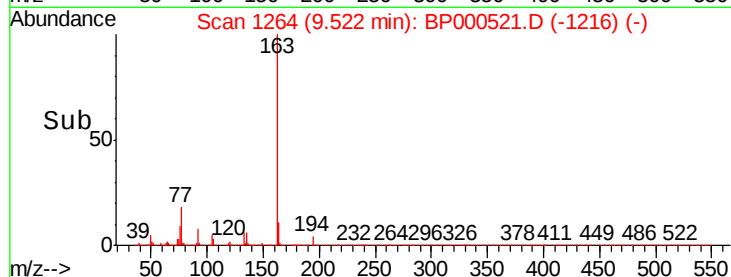
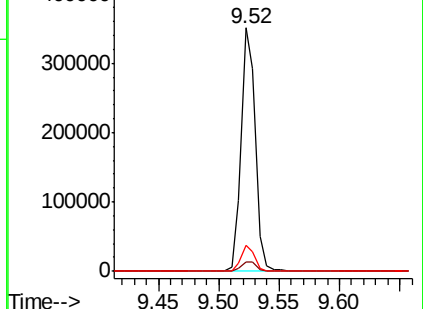
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.367 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BP000521.D

Acq: 04 Oct 2019 20:49

Tgt Ion:165 Resp: 55608

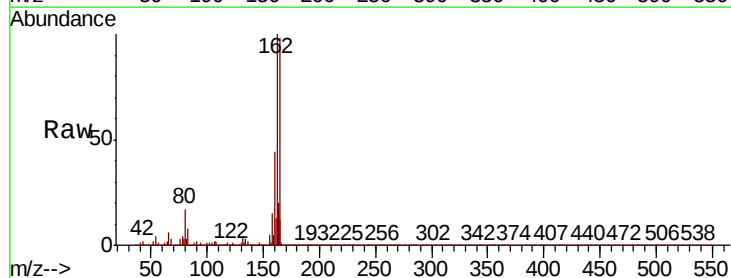
Ion Ratio Lower Upper

165 100

63 1.2 24.2 36.4#

89 1.4 49.4 74.0#

182 0.1 2.5 3.7#

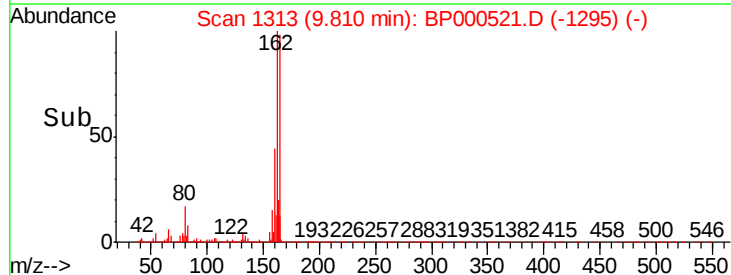
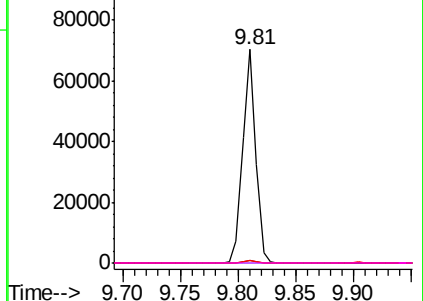


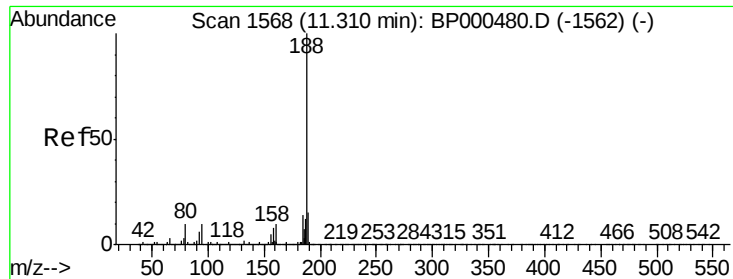
Abundance Ion 165.00 (164.70 to 165.70): E

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

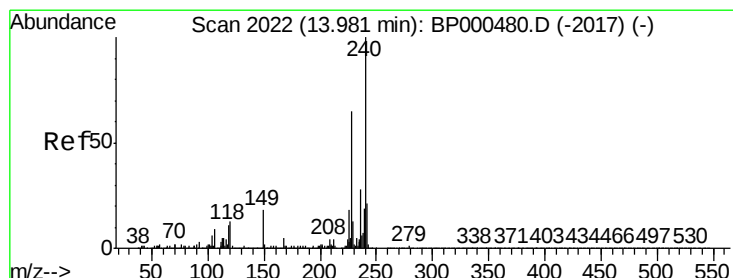
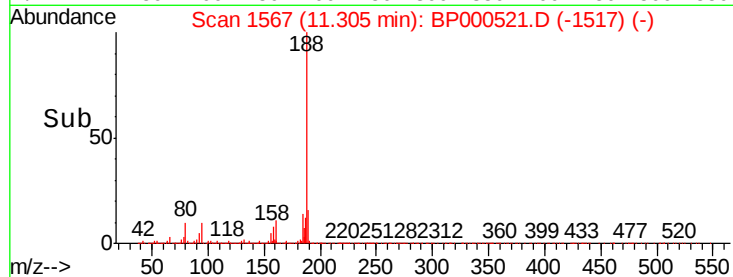
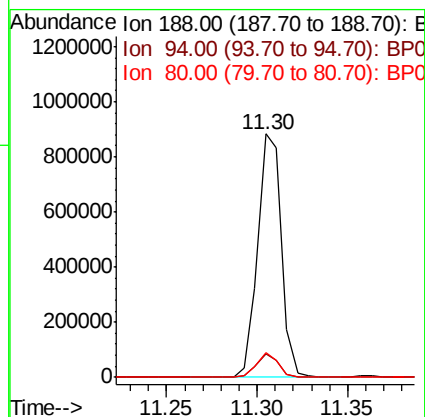
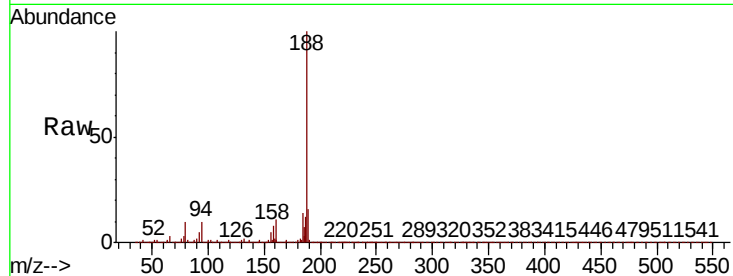




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP000521.D
Acq: 04 Oct 2019 20:49

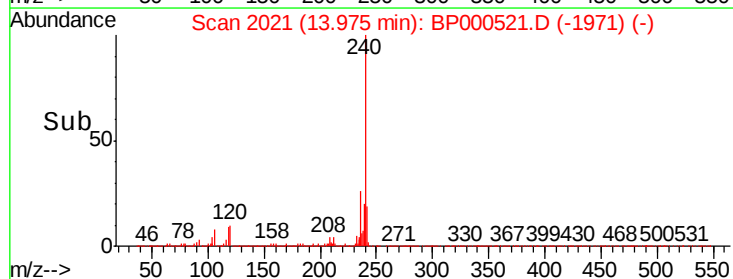
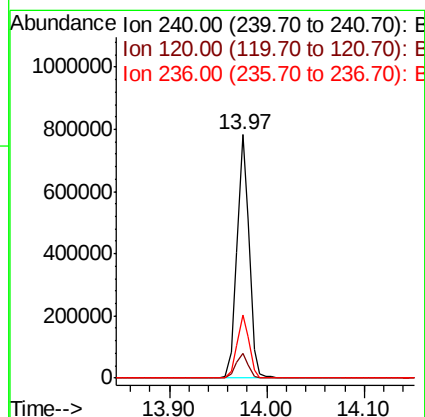
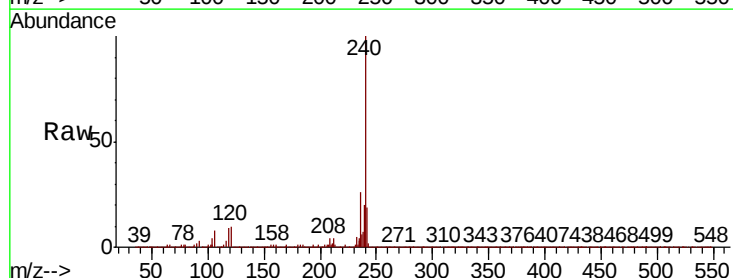
Instrument :
BNA_P
ClientSampled :

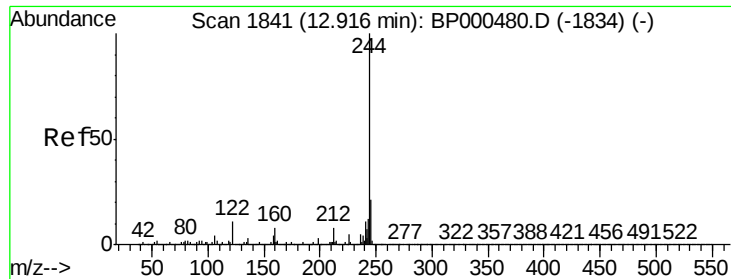
Tot Ion:188 Resp: 802740
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.0 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000521.D
Acq: 04 Oct 2019 20:49

Tgt Ion:240 Resp: 677312
Ion Ratio Lower Upper
240 100
120 10.2 10.1 15.1
236 25.9 22.7 34.1

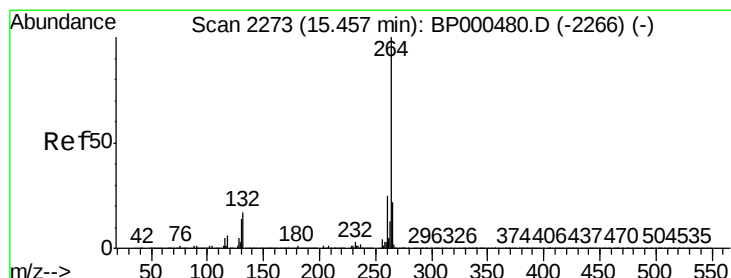
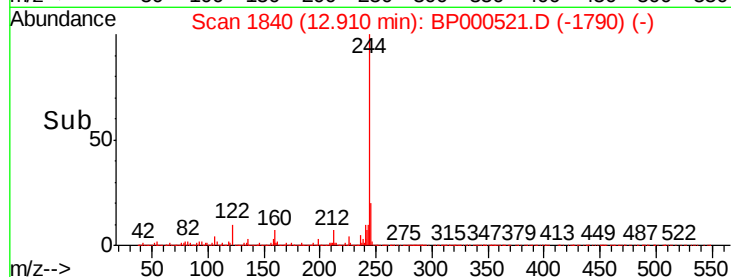
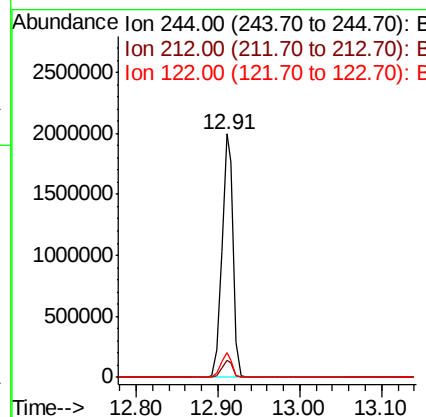
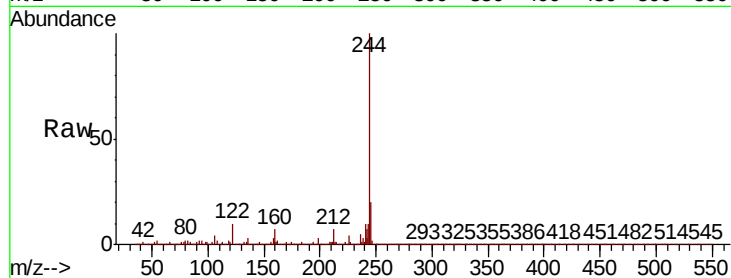




#79
 Terphenyl-d14
 Concen: 56.831 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BP000521.D
 Acq: 04 Oct 2019 20:49

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:244 Resp: 1901116
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.3 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BP000521.D
 Acq: 04 Oct 2019 20:49

Tgt Ion:264 Resp: 518245
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.3 30.5
 265 22.1 18.0 27.0

