

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000114.D
 Acq On : 09 Sep 2019 01:32
 Operator : HP/JU
 Sample : K4719-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 09 06:41:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

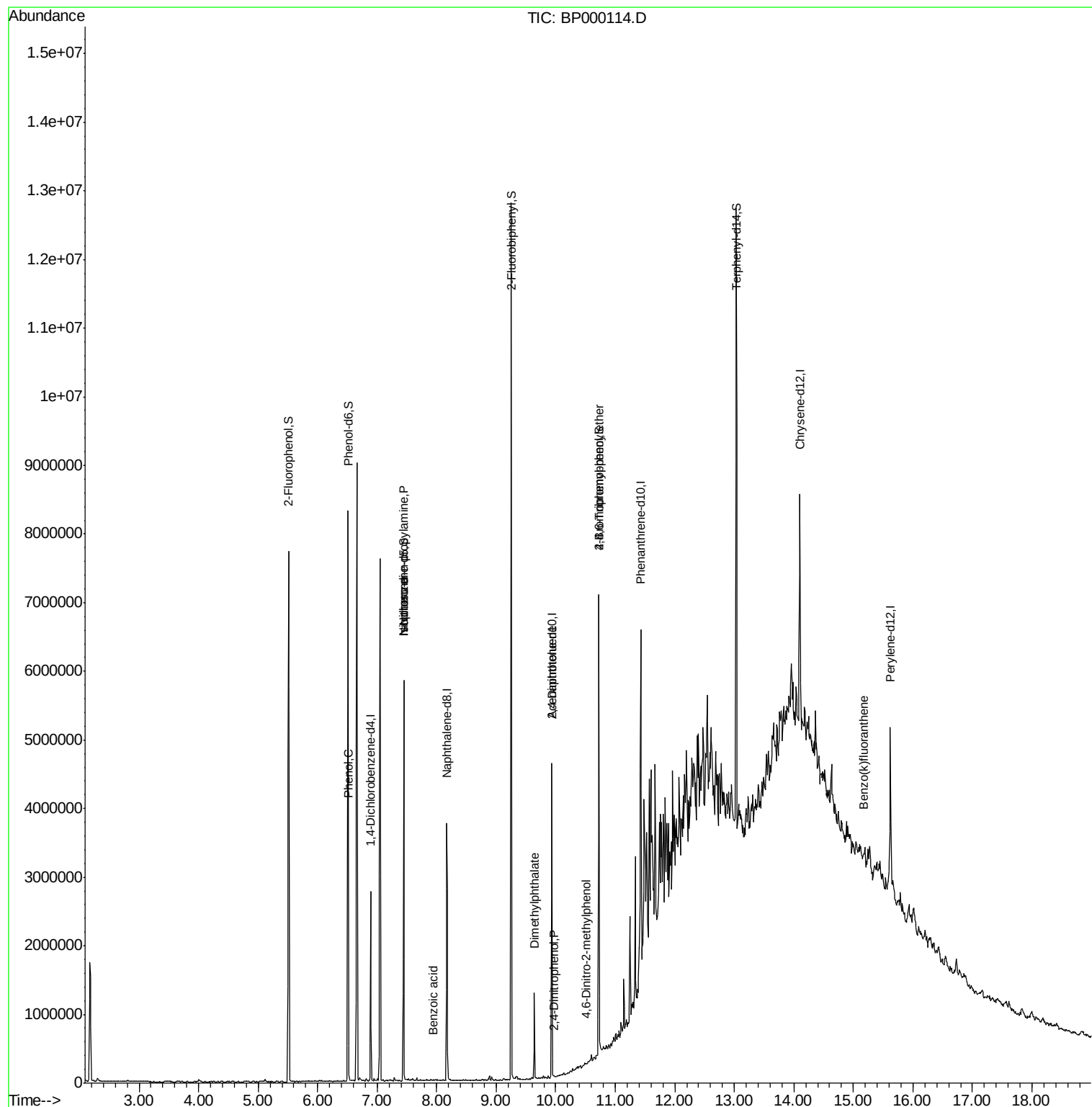
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	409774	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1516244	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	818338	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1421213	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	959240	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1101463	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	2411692	93.85	ng	0.00
7) Phenol-d6	6.51	99	3074639	94.78	ng	0.00
23) Nitrobenzene-d5	7.45	82	1709194	69.17	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	755948	109.59	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	3414424	69.68	ng	0.00
79) Terphenyl-d14	13.03	244	3102614	70.50	ng	0.00
Target Compounds						
10) Phenol	6.52	94	110901	3.077	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.45	70	210089	11.379	ng	# 77
25) Isophorone	7.45	82	1707836	32.710	ng	# 66
32) Benzoic acid	7.95	122	297	8.079	ng	90
50) Dimethylphthalate	9.64	163	448114	8.036	ng	100
54) 2,4-Dinitrophenol	9.97	184	239	8.696	ng	# 45
57) 2,4-Dinitrotoluene	9.93	165	107602	7.121	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.51	198	95	7.739	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	53366	3.695	ng	# 1
69) Atrazine	11.12	200	329	Below Cal		# 1
89) Benzo(k)fluoranthene	15.17	252	126122	2.048	ng	# 54

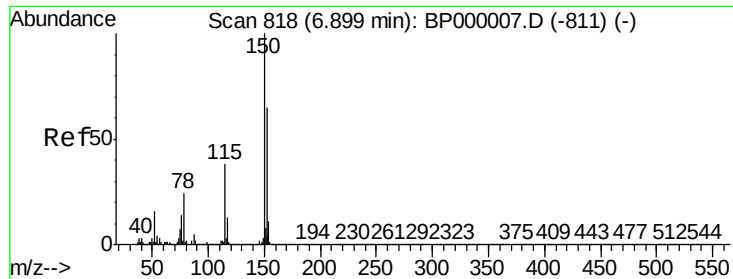
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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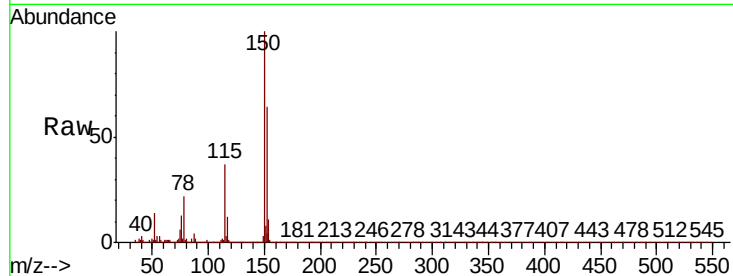


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000114.D
Acq: 09 Sep 2019 01:32

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.0	184.6
115	57.5	46.7	70.1

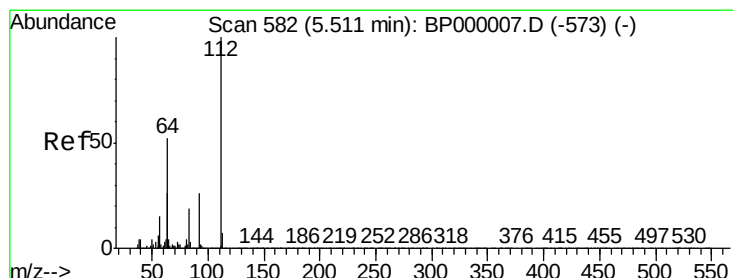
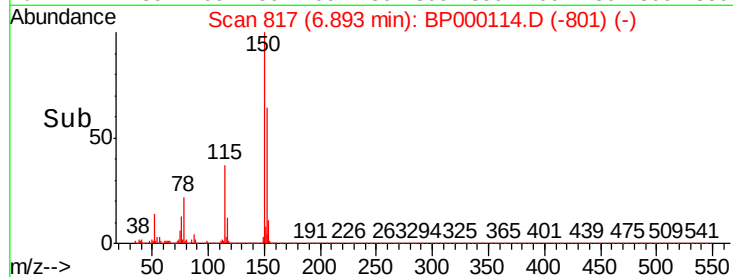
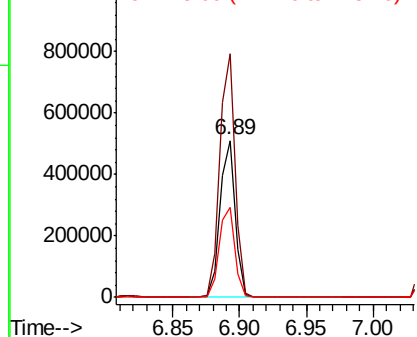


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

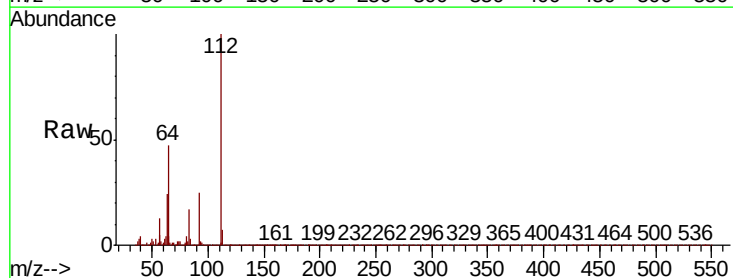
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.850 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BP000114.D
Acq: 09 Sep 2019 01:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.2	41.8	62.8
63	24.2	21.0	31.4

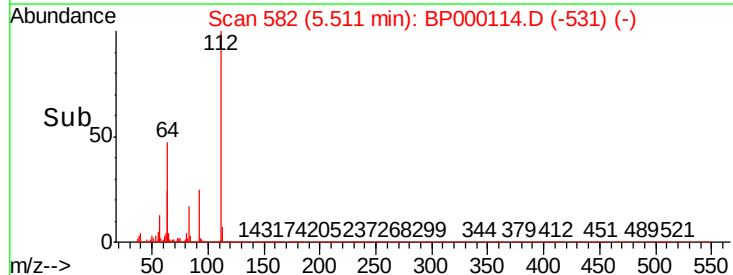
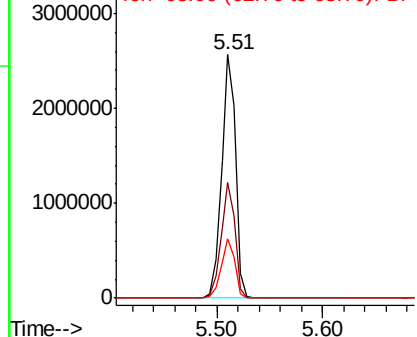


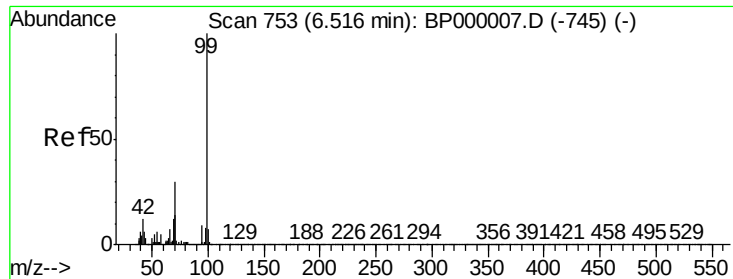
Abundance

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: 94.777 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000114.D

Acq: 09 Sep 2019 01:32

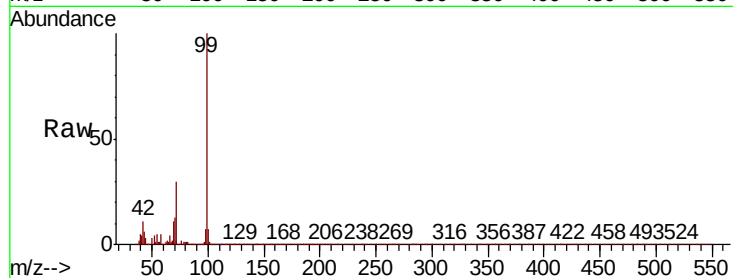
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 3074639

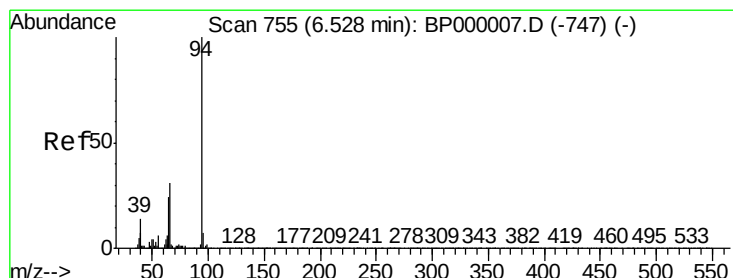
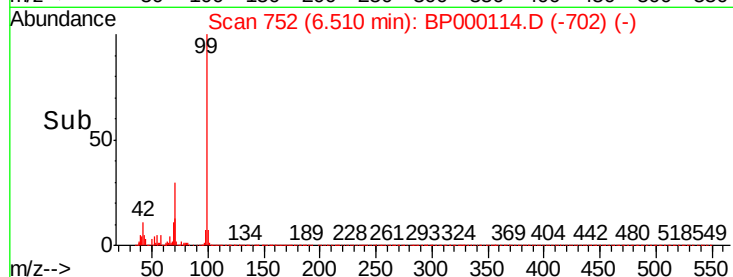
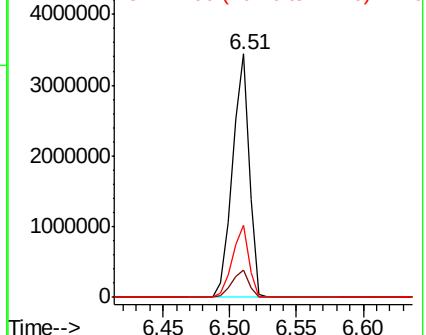
Ion	Ratio	Lower	Upper
99	100		
42	11.3	9.8	14.8
71	29.8	23.8	35.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 3.077 ng

RT: 6.52 min Scan# 754

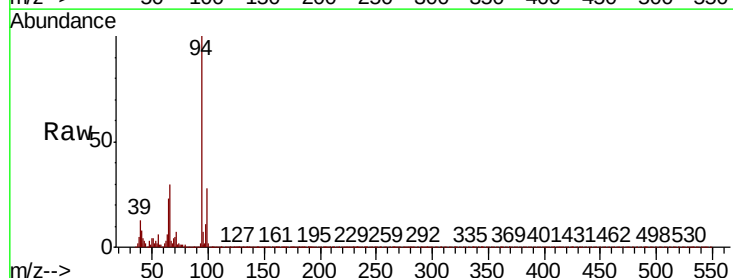
Delta R.T. -0.01 min

Lab File: BP000114.D

Acq: 09 Sep 2019 01:32

Tgt Ion: 94 Resp: 110901

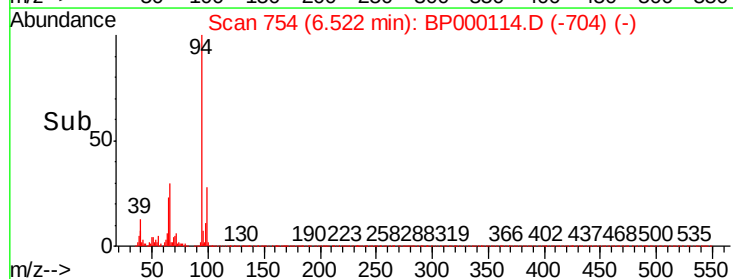
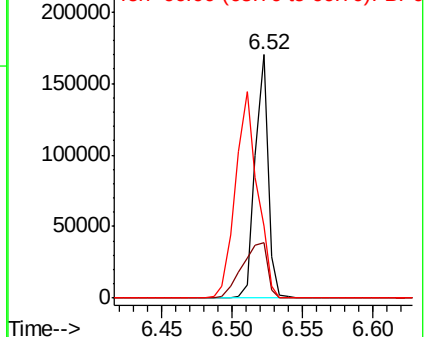
Ion	Ratio	Lower	Upper
94	100		
65	22.7	4.1	44.1
66	29.7	11.4	51.4

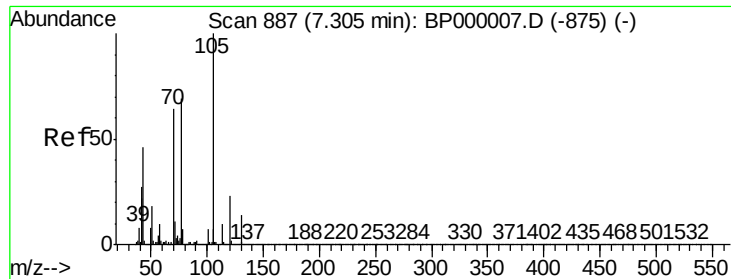


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

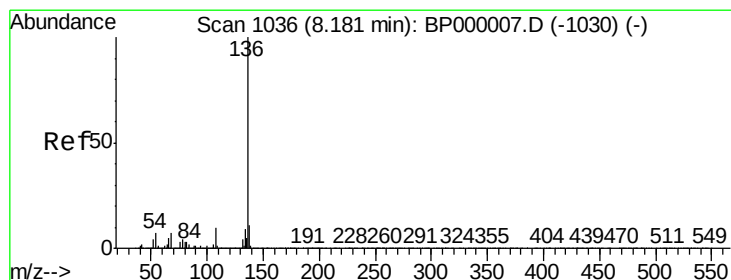
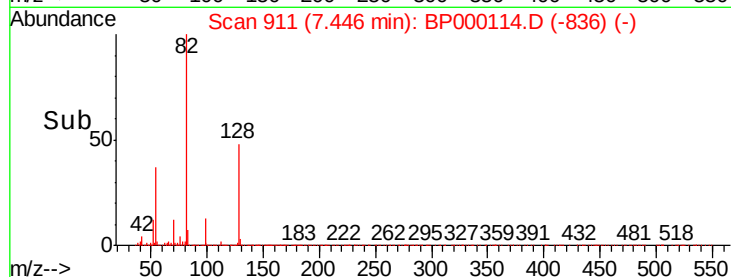
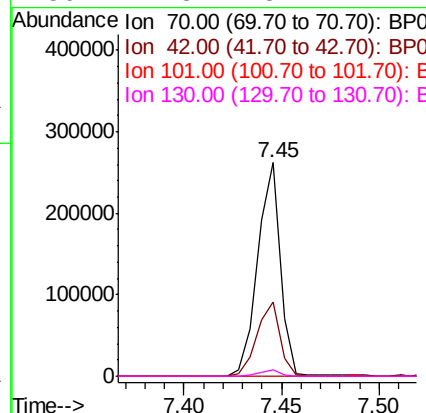
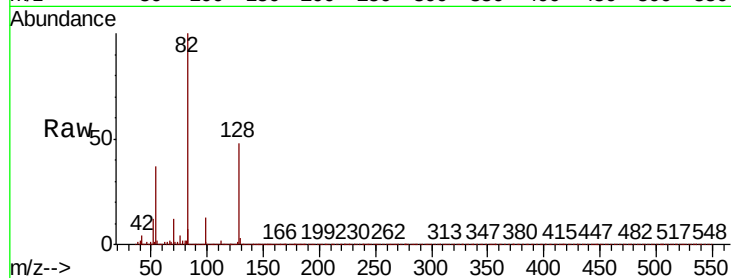




#19
n-Nitroso-di-n-propylamine
Concen: 11.379 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000114.D
Acq: 09 Sep 2019 01:32

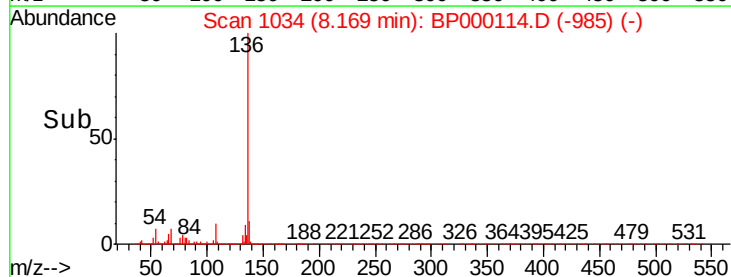
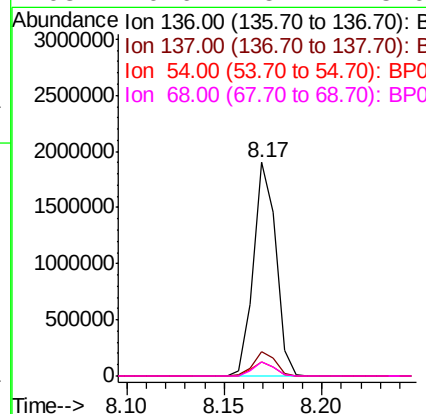
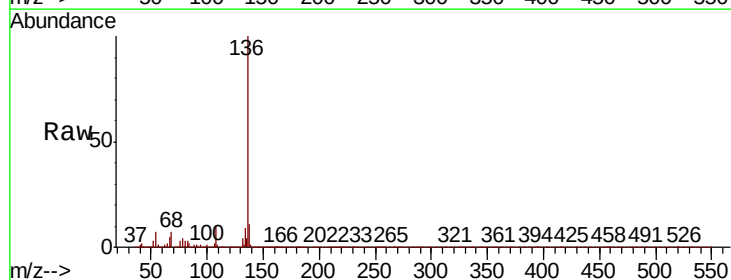
Instrument :
BNA_P
ClientSampleId :

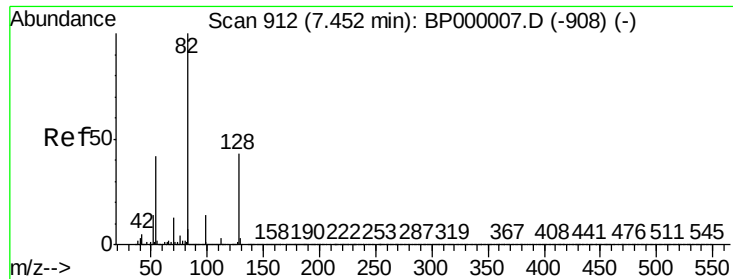
Tot Ion:	70	Resp:	210089
Ion	Ratio	Lower	Upper
70	100		
42	34.9	33.8	50.6
101	0.0	8.7	13.1#
130	2.8	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BP000114.D
Acq: 09 Sep 2019 01:32

Tgt Ion:	136	Resp:	1516244
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	6.6	5.4	8.2
68	6.6	5.4	8.0

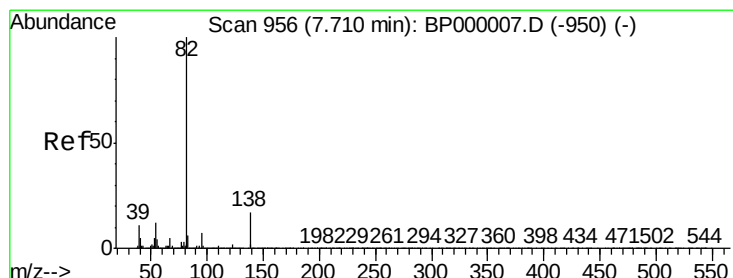
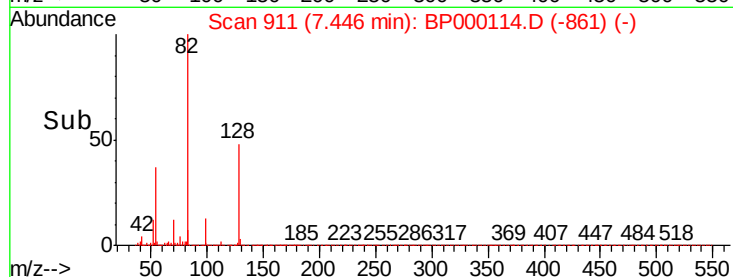
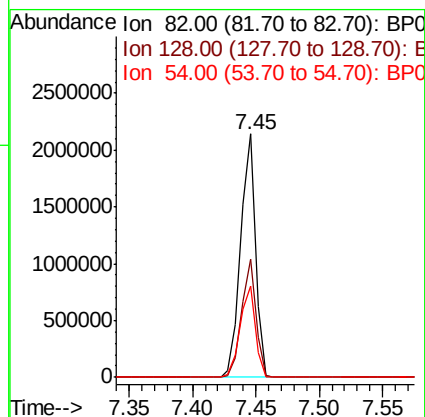
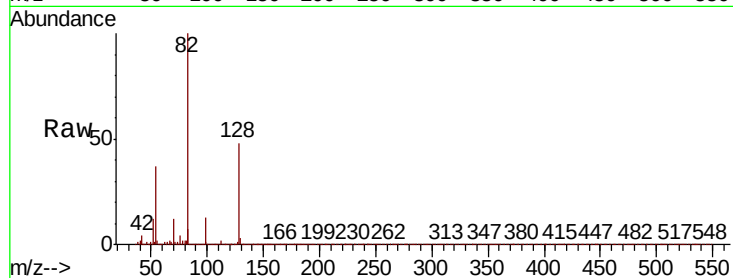




#23
Nitrobenzene-d5
Concen: 69.168 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000114.D
Acq: 09 Sep 2019 01:32

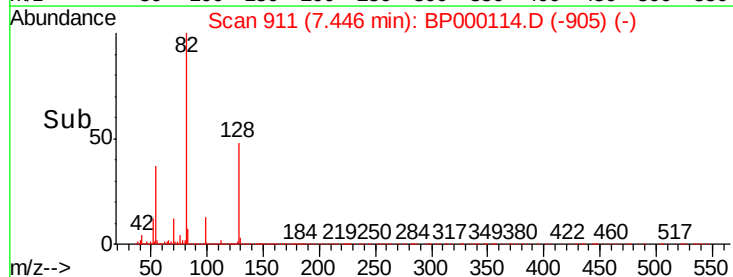
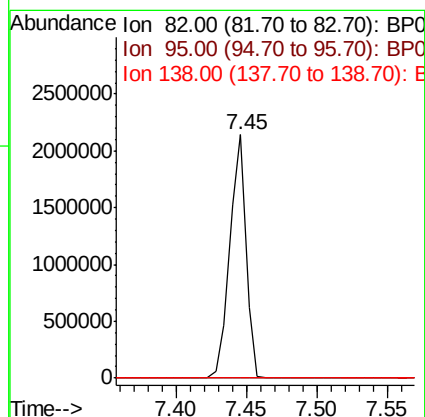
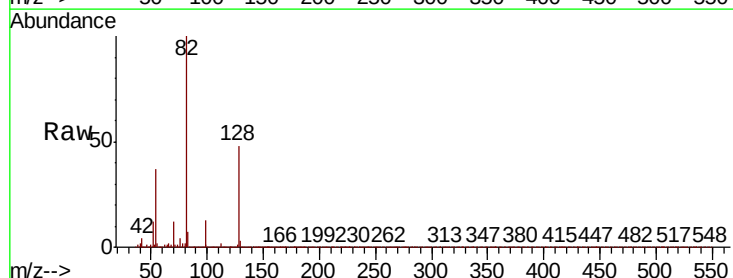
Instrument :
BNA_P
ClientSampleId :

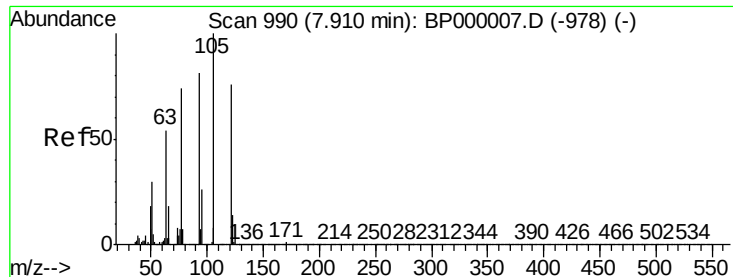
Tot Ion: 82 Resp: 1709194
Ion Ratio Lower Upper
82 100
128 48.5 34.5 51.7
54 37.5 33.2 49.8



#25
Isophorone
Concen: 32.710 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BP000114.D
Acq: 09 Sep 2019 01:32

Tgt Ion: 82 Resp: 1707836
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.8 20.6#

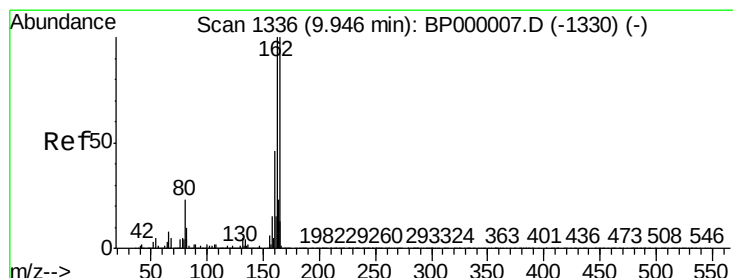
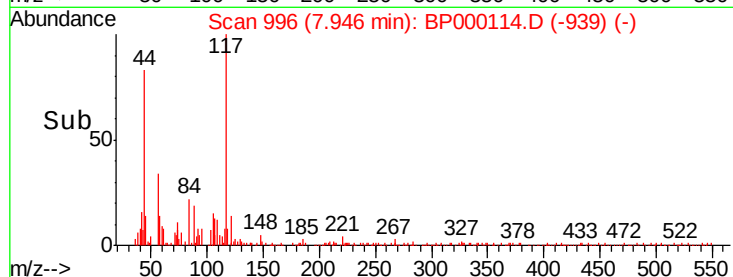
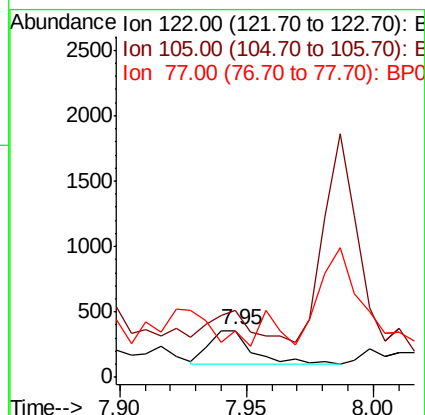
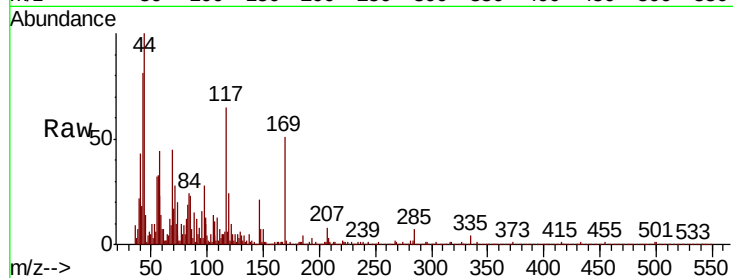




#32
Benzoic acid
Concen: 8.079 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.04 min
Lab File: BP000114.D
Acq: 09 Sep 2019 01:32

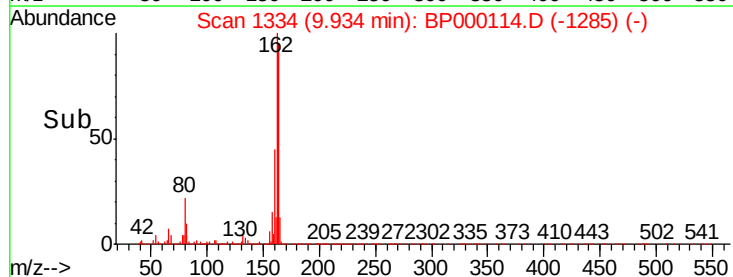
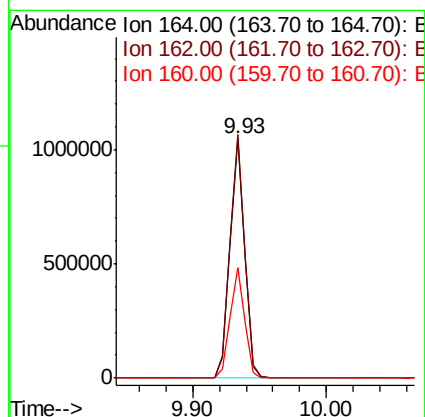
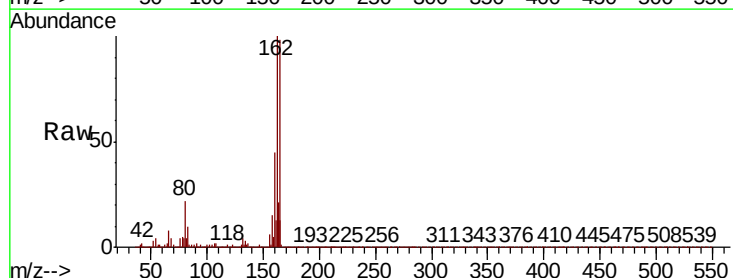
Instrument :
BNA_P
ClientSampleId :

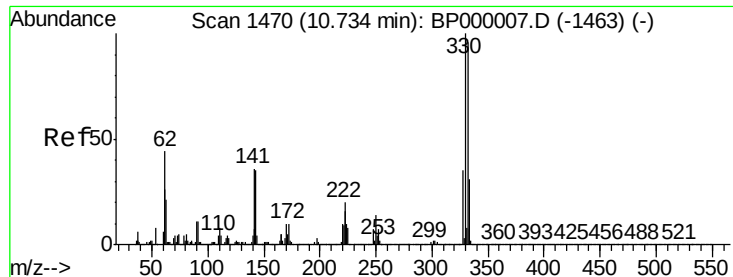
Tot Ion	Ratio	Lower	Upper
122	100		
105	141.4	104.6	144.6
77	98.6	74.1	114.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000114.D
Acq: 09 Sep 2019 01:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.4
160	46.2	36.6	55.0

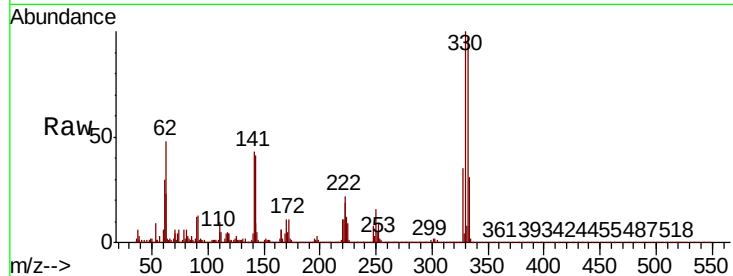




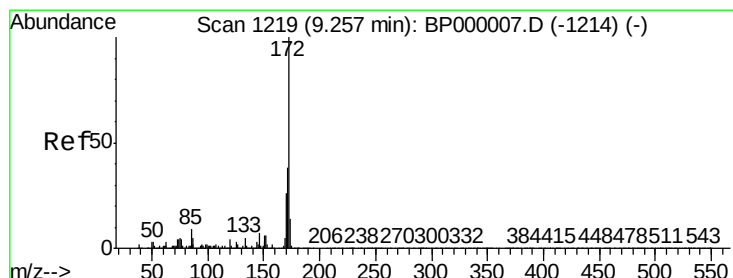
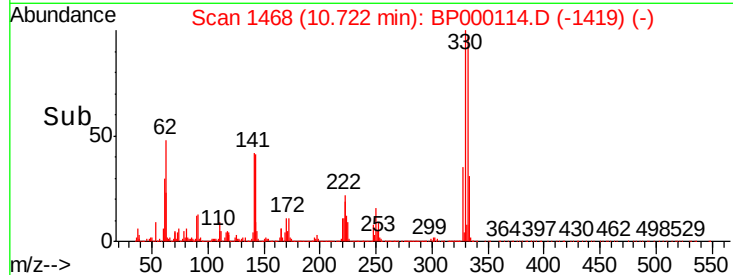
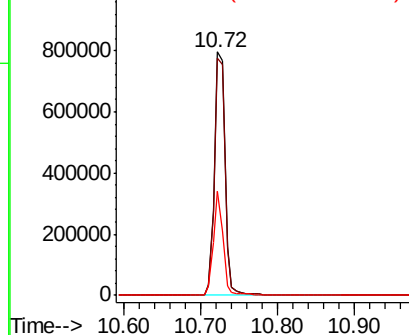
#42
 2,4,6-Tribromophenol
 Concen: 109.593 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BP000114.D
 Acq: 09 Sep 2019 01:32

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:330 Resp: 755948
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 37.5 33.6 50.4

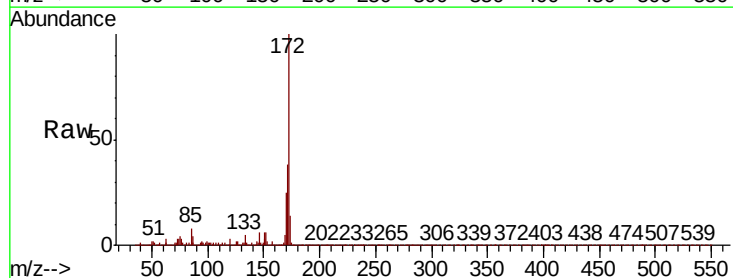


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

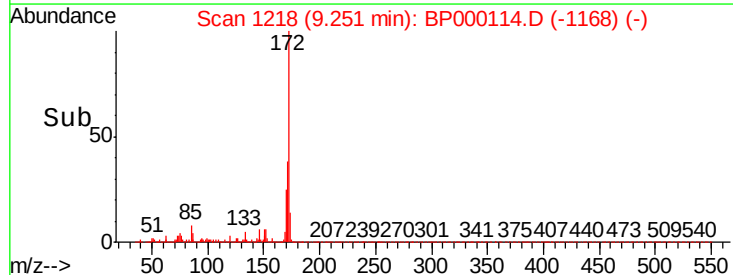
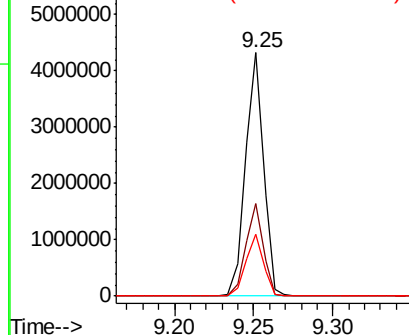


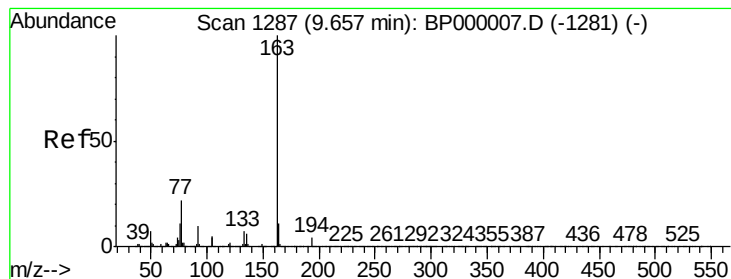
#45
 2-Fluorobiphenyl
 Concen: 69.679 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BP000114.D
 Acq: 09 Sep 2019 01:32

Tgt Ion:172 Resp: 3414424
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.7 46.1
 170 25.2 20.7 31.1



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: 8.036 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BP000114.D

Acq: 09 Sep 2019 01:32

Instrument :

BNA_P

ClientSampleId :

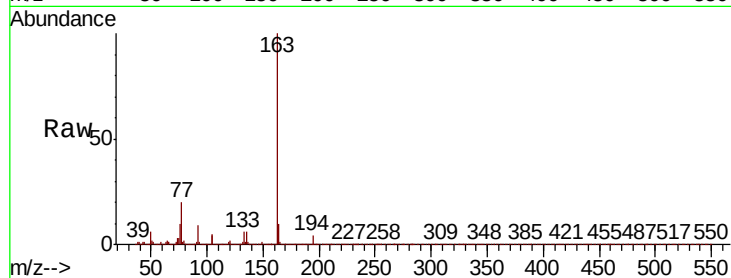
Tot Ion:163 Resp: 448114

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

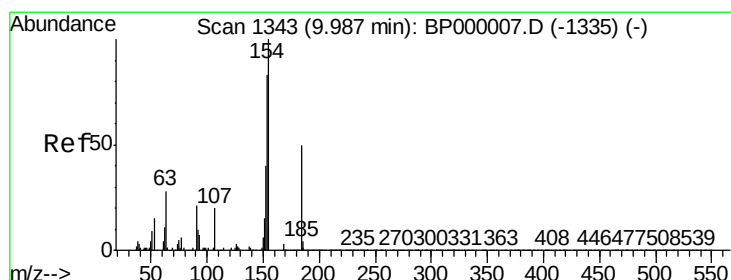
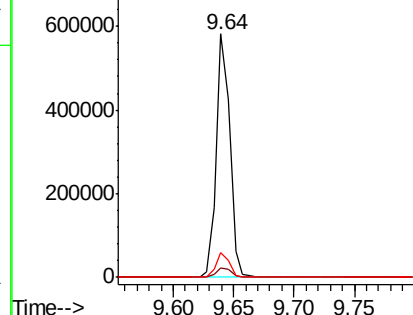
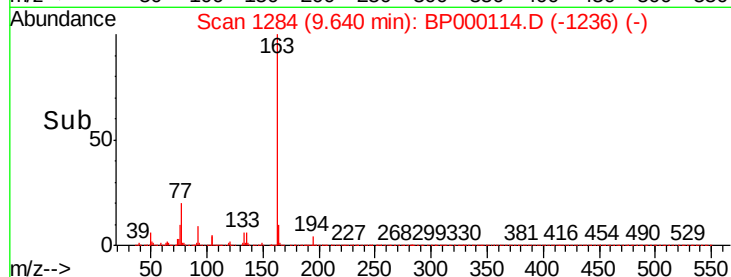
164 10.3 8.4 12.6



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



#54

2,4-Dinitrophenol

Concen: 8.696 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BP000114.D

Acq: 09 Sep 2019 01:32

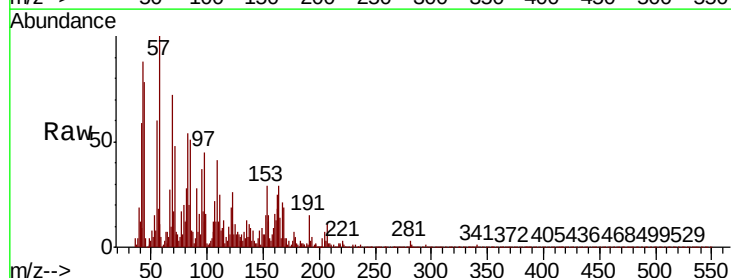
Tgt Ion:184 Resp: 239

Ion Ratio Lower Upper

184 100

63 128.6 46.0 69.0#

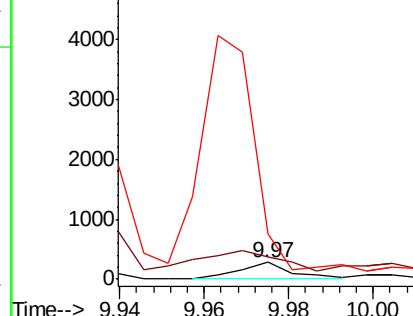
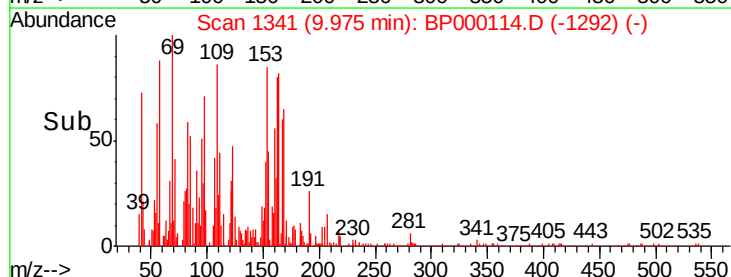
154 267.8 161.9 242.9#

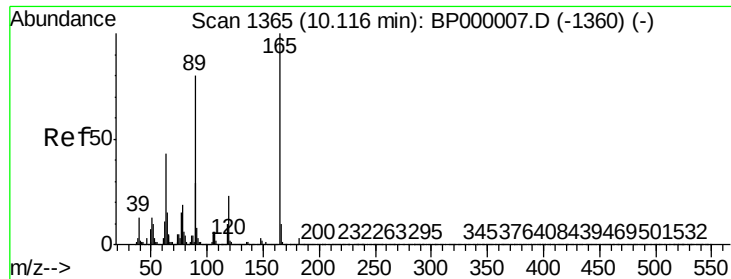


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

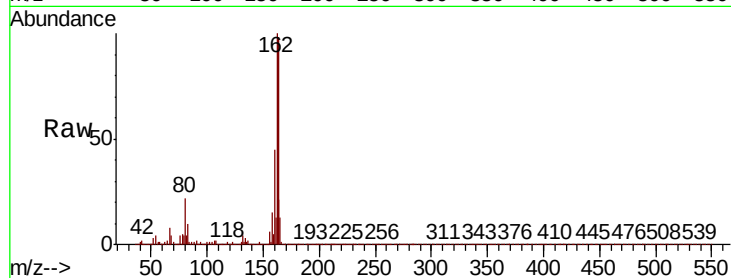




#57
 2,4-Dinitrotoluene
 Concen: 7.121 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BP000114.D
 Acq: 09 Sep 2019 01:32

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.4	51.6#
89	1.3	64.3	96.5#
182	0.1	2.2	3.4#



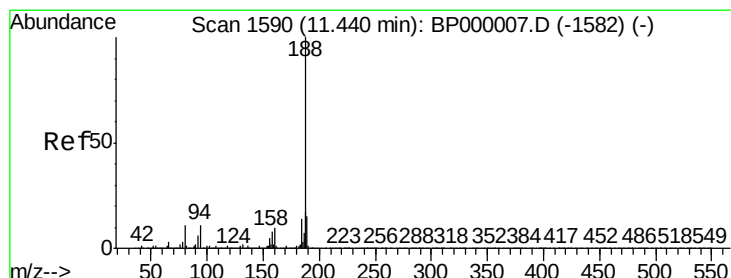
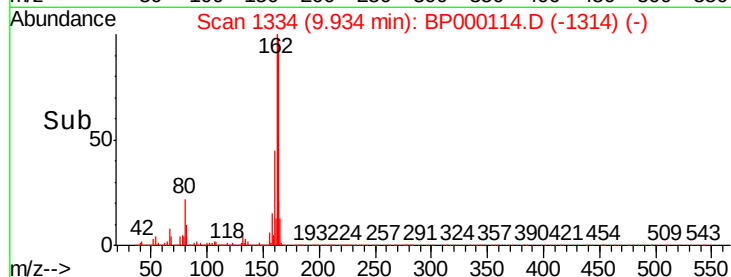
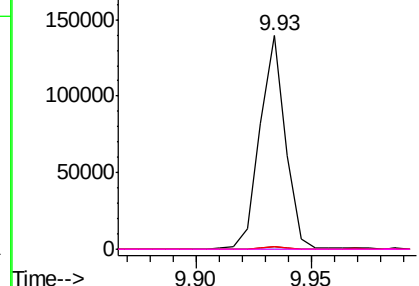
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

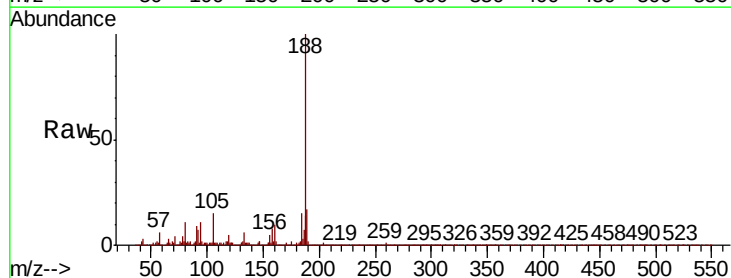
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BP000114.D
 Acq: 09 Sep 2019 01:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.8	13.2
80	11.5	9.0	13.6

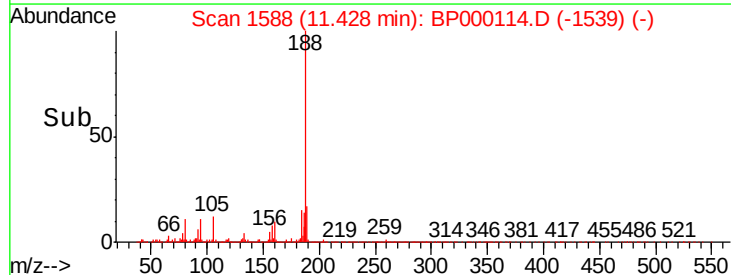
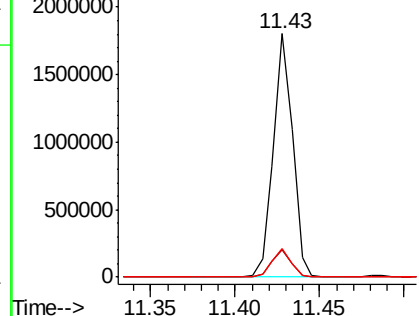


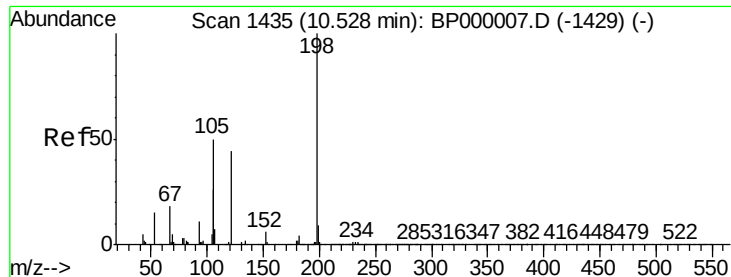
Abundance

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

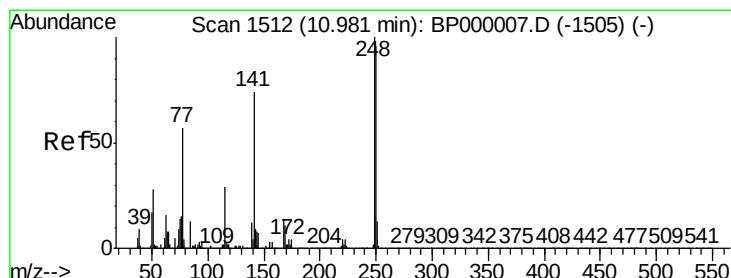
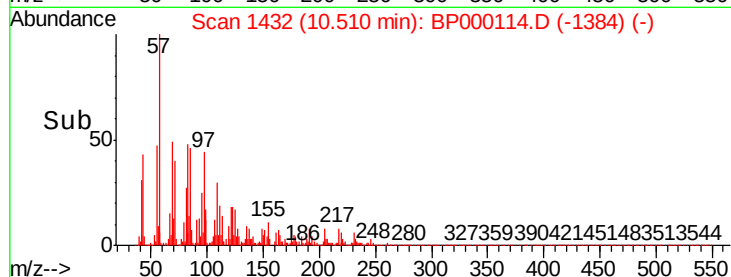
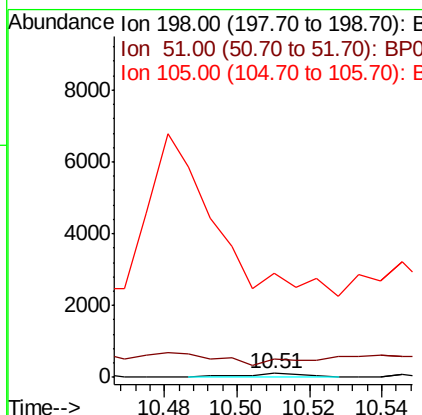
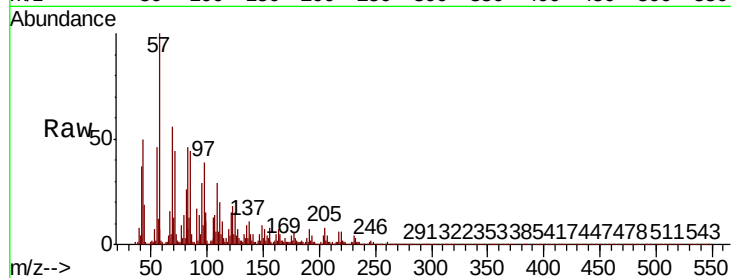




#65
4,6-Dinitro-2-methylphenol
Concen: 7.739 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BP000114.D
Acq: 09 Sep 2019 01:32

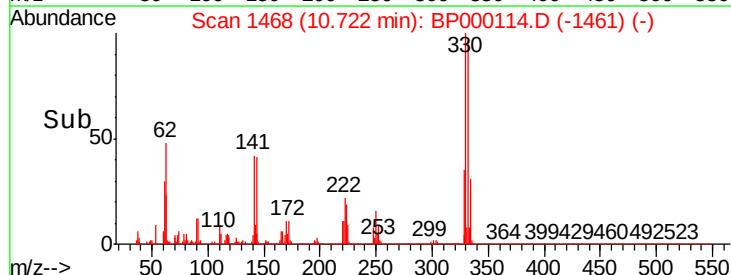
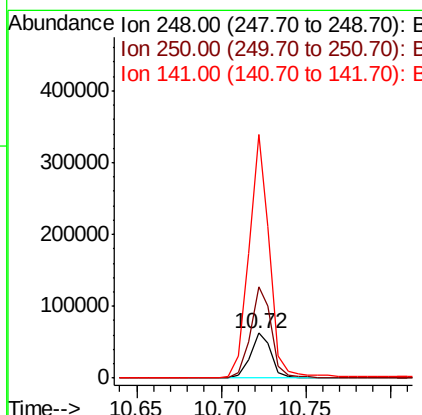
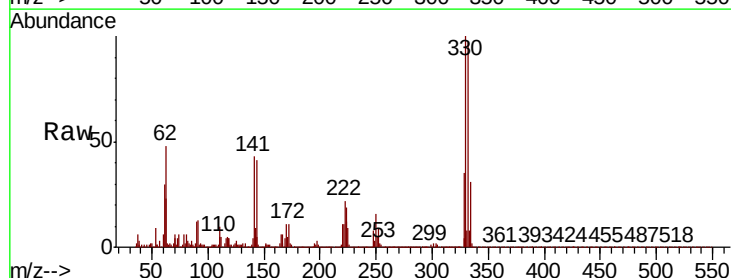
Instrument :
BNA_P
ClientSampleId :

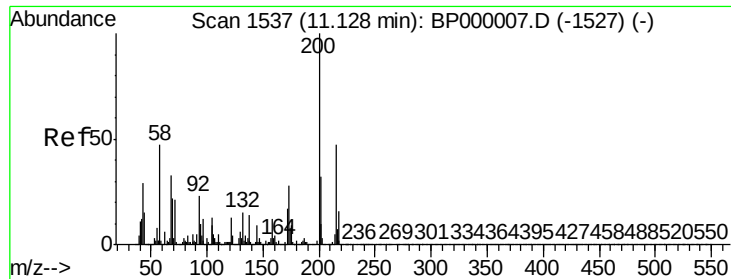
Tot Ion:198 Resp: 95
Ion Ratio Lower Upper
198 100
51 450.4 22.1 62.1#
105 2569.9 32.0 72.0#



#67
4-Bromophenyl-phenylether
Concen: 3.695 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.26 min
Lab File: BP000114.D
Acq: 09 Sep 2019 01:32

Tgt Ion:248 Resp: 53366
Ion Ratio Lower Upper
248 100
250 205.0 77.1 115.7#
141 544.4 59.5 89.3#





#69

Atrazine

Concen: Below Cal

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BP000114.D

Acq: 09 Sep 2019 01:32

Instrument :

BNA_P

ClientSampleId :

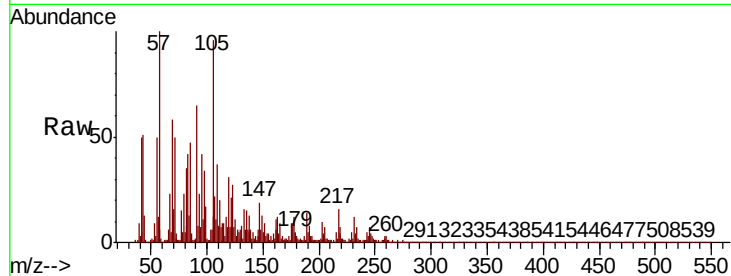
Tot Ion:200 Resp: 329

Ion Ratio Lower Upper

200 100

173 325.9 8.1 48.1#

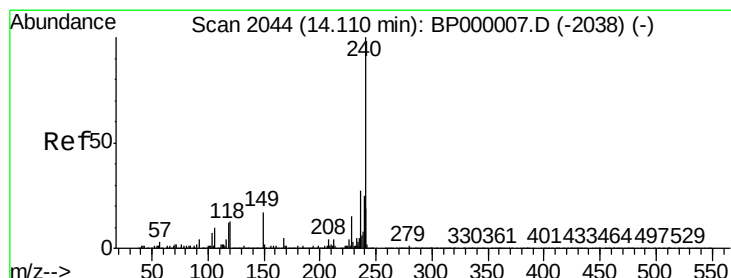
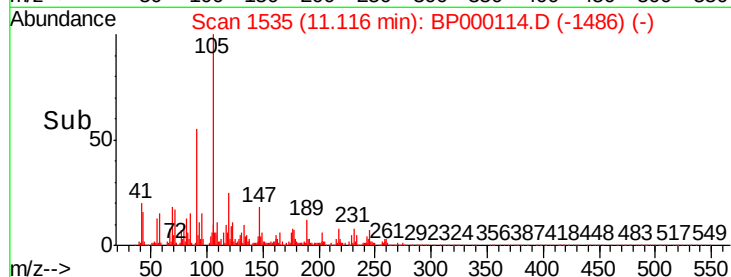
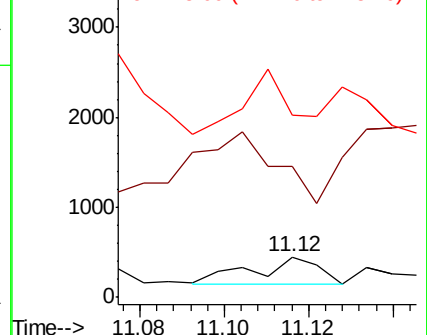
215 450.4 26.7 66.7#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BP000114.D

Acq: 09 Sep 2019 01:32

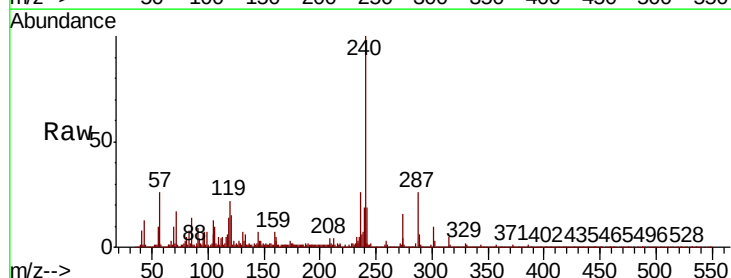
Tgt Ion:240 Resp: 959240

Ion Ratio Lower Upper

240 100

120 14.7 10.5 15.7

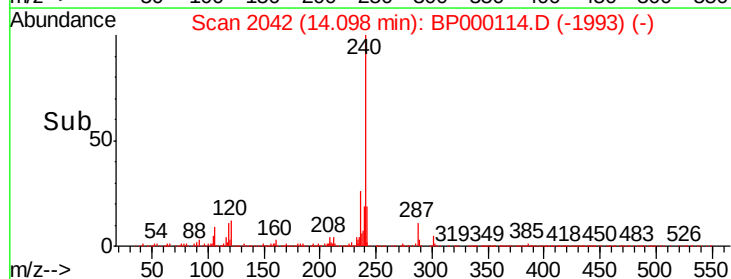
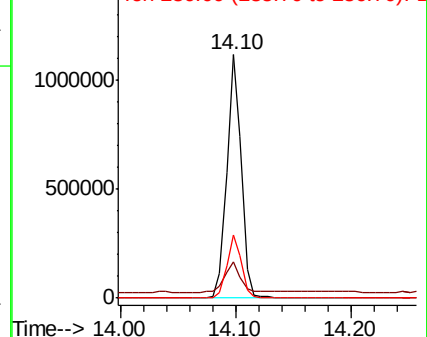
236 26.0 21.5 32.3

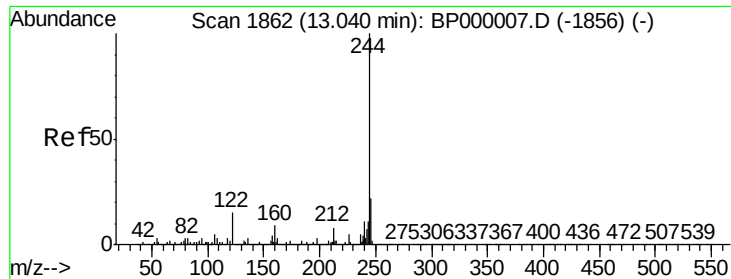


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

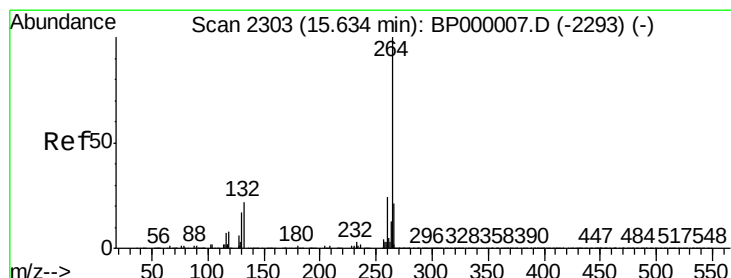
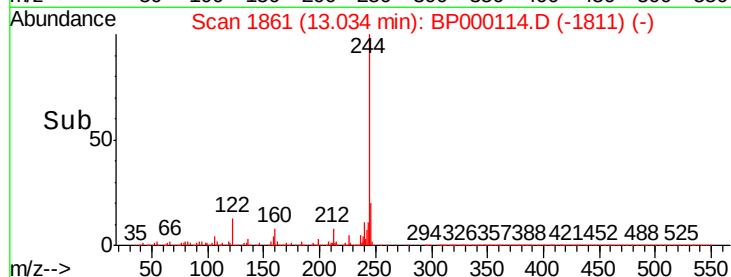
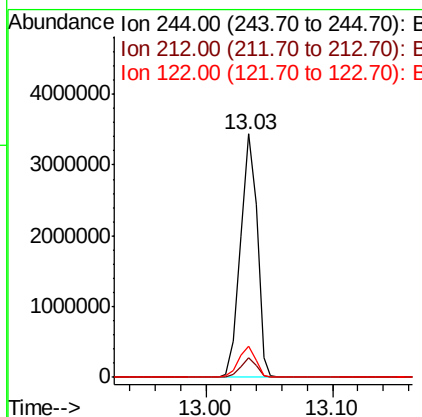
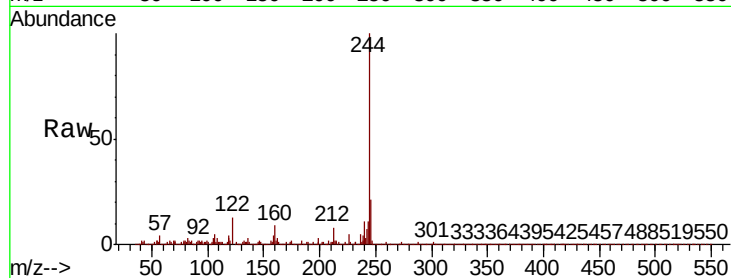




#79
 Terphenyl-d14
 Concen: 70.498 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BP000114.D
 Acq: 09 Sep 2019 01:32

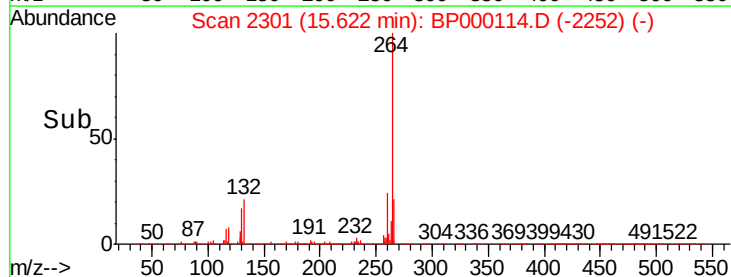
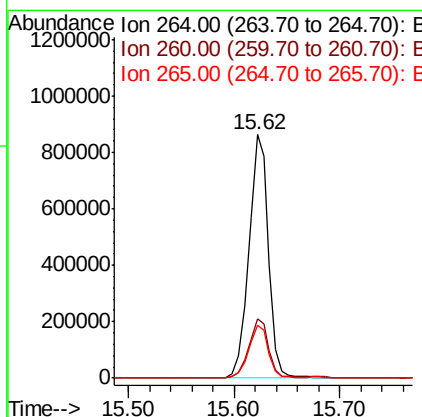
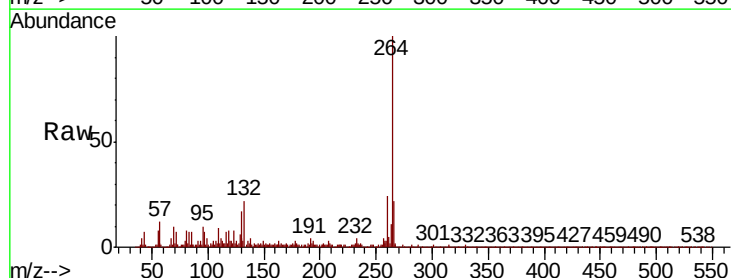
Instrument :
 BNA_P
 ClientSampled :

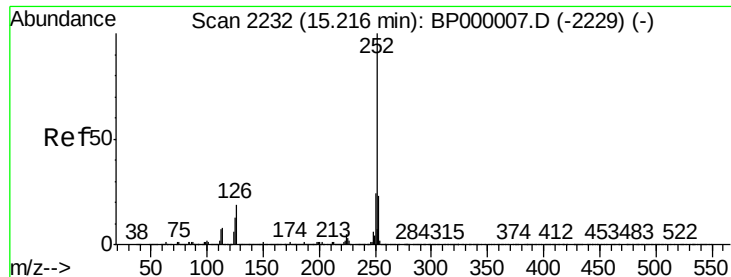
Tot Ion:244 Resp: 3102614
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 10.0
 122 12.8 12.3 18.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BP000114.D
 Acq: 09 Sep 2019 01:32

Tgt Ion:264 Resp: 1101463
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.5 17.1 25.7





#89

Benzo(k)fluoranthene

Concen: 2.048 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.05 min

Lab File: BP000114.D

Acq: 09 Sep 2019 01:32

Instrument :

BNA_P

ClientSampleId :

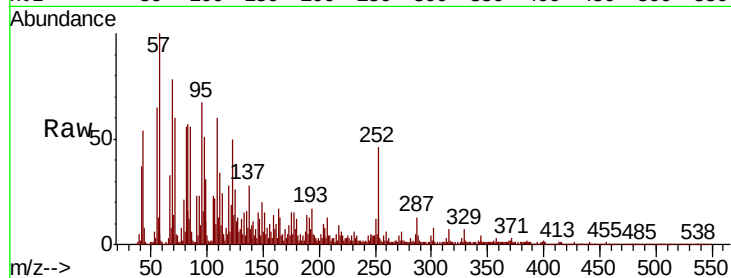
Tot Ion:252 Resp: 126122

Ion Ratio Lower Upper

252 100

253 27.2 18.0 27.0#

125 55.8 10.3 15.5#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

