

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001054.D
 Acq On : 15 Nov 2019 22:26
 Operator : JU
 Sample : K5832-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 16 03:31:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

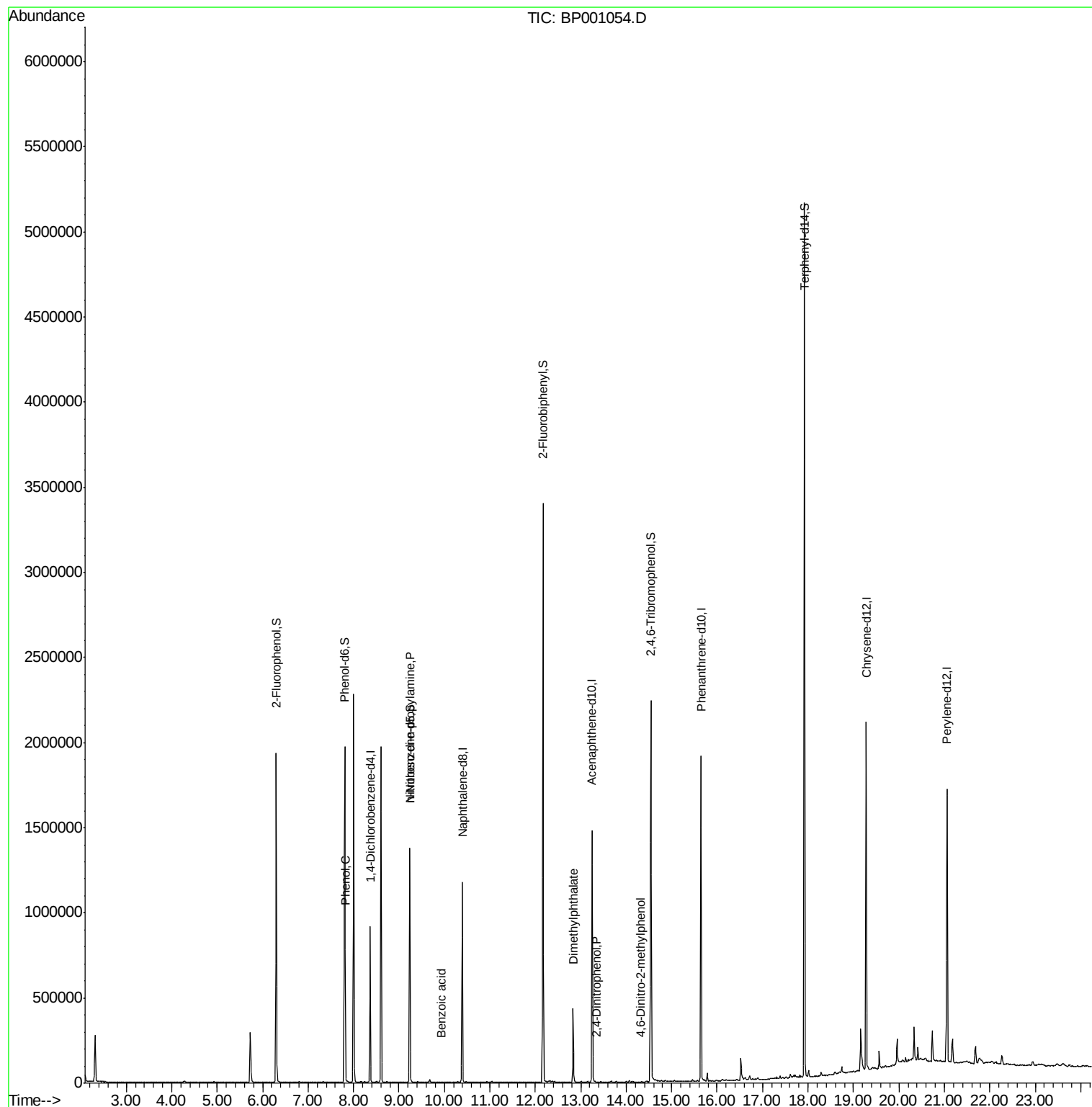
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	175852	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	657417	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	404995	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	887998	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	826387	20.00	ng	-0.02
87) Perylene-d12	21.06	264	881427	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	681264	70.51	ng	0.00
7) Phenol-d6	7.81	99	886002	72.52	ng	0.00
23) Nitrobenzene-d5	9.24	82	551896	46.44	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	412191	85.26	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	1304106	48.50	ng	-0.02
79) Terphenyl-d14	17.92	244	2058813	49.56	ng	-0.02
Target Compounds						
10) Phenol	7.82	94	26921	2.015	ng	85
19) n-Nitroso-di-n-propylamine	9.24	70	75348	10.271	ng	# 78
32) Benzoic acid	9.93	122	21	7.671	ng	87
50) Dimethylphthalate	12.83	163	222261	7.422	ng	98
54) 2,4-Dinitrophenol	13.35	184	19	8.317	ng	# 85
65) 4,6-Dinitro-2-methylphenol	14.31	198	35	9.892	ng	89

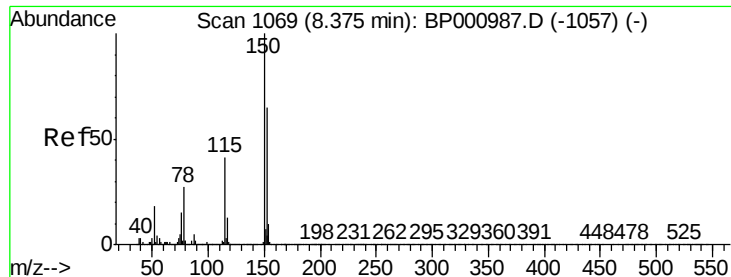
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

Instrument :

BNA_P

ClientSampleId :

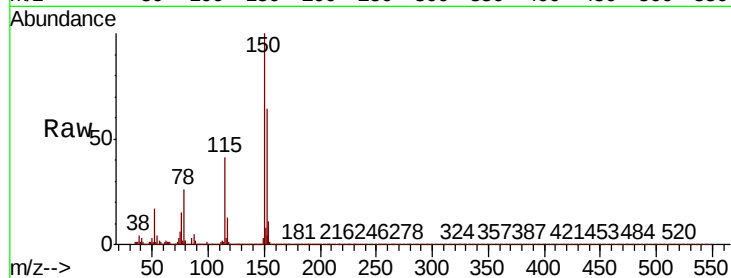
Tot Ion:152 Resp: 175852

Ion Ratio Lower Upper

152 100

150 155.2 123.6 185.4

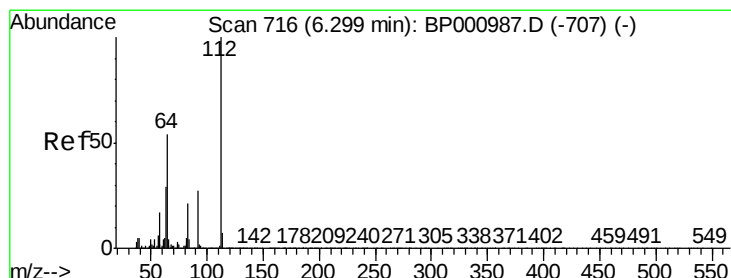
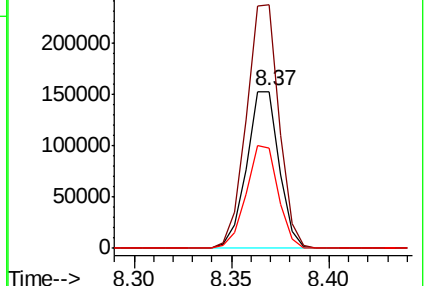
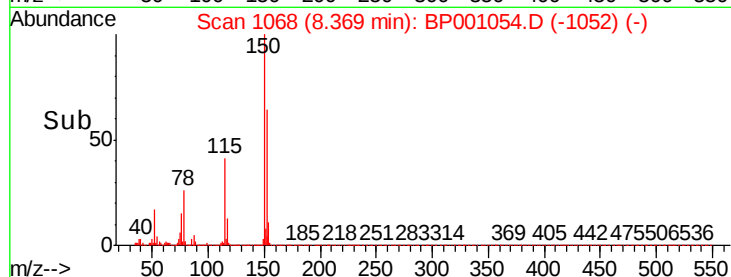
115 63.7 50.1 75.1



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: 70.515 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

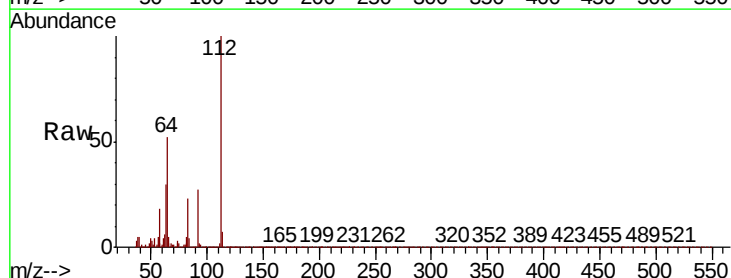
Tgt Ion:112 Resp: 681264

Ion Ratio Lower Upper

112 100

64 52.2 43.4 65.0

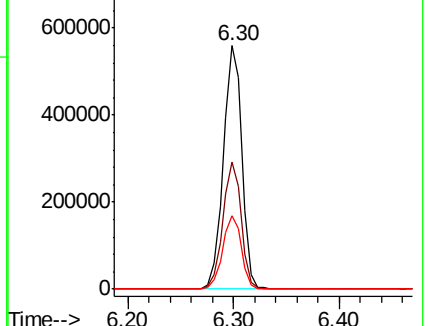
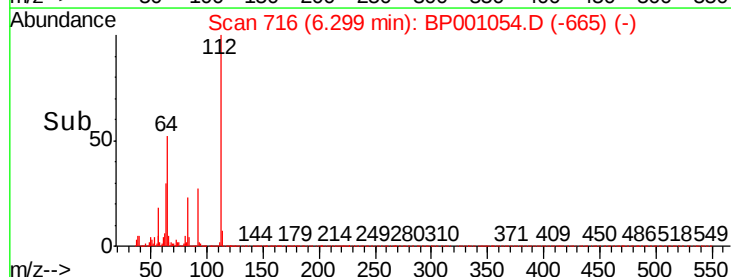
63 30.3 23.4 35.0

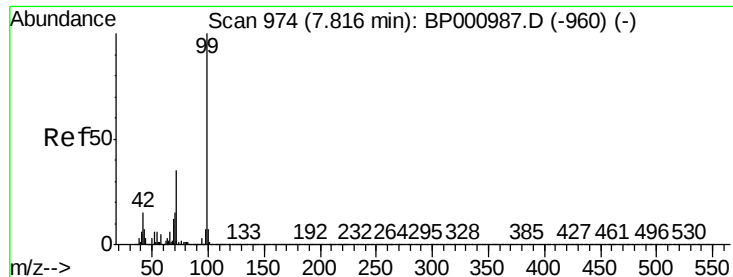


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 72.521 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

Instrument :

BNA_P

ClientSampleId :

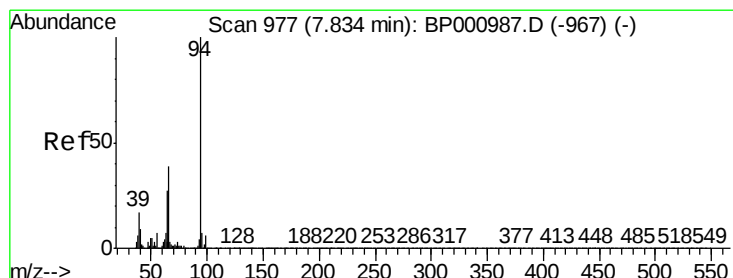
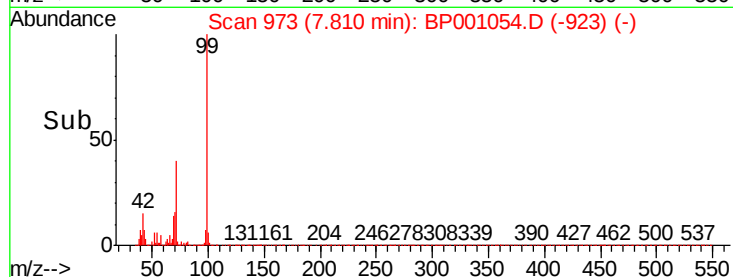
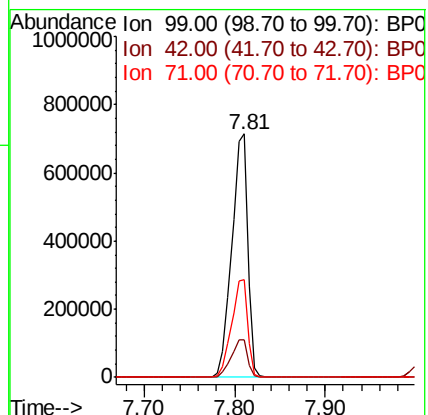
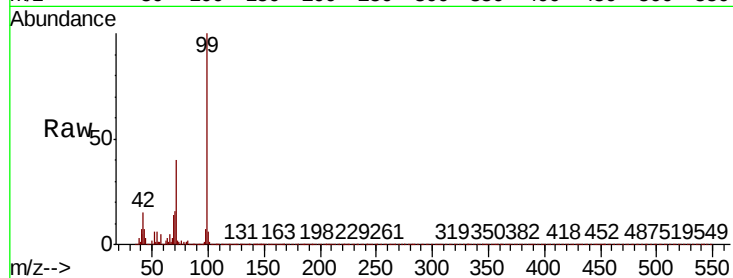
Tot Ion: 99 Resp: 886002

Ion Ratio Lower Upper

99 100

42 15.2 11.6 17.4

71 40.3 28.0 42.0



#10

Phenol

Concen: 2.015 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

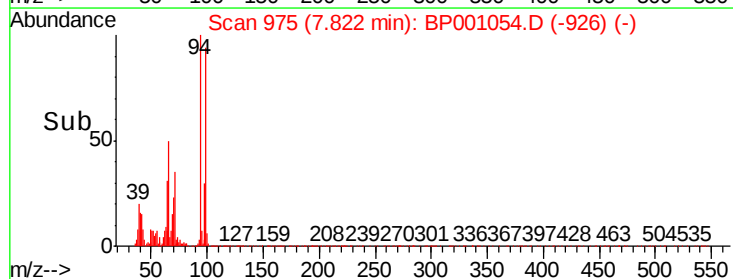
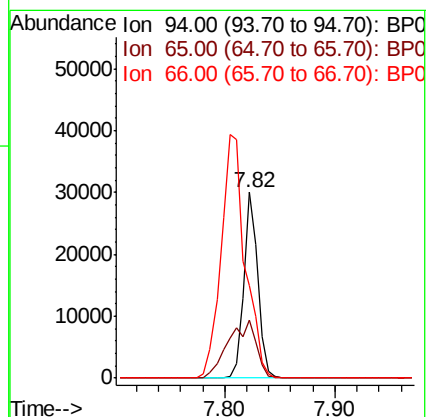
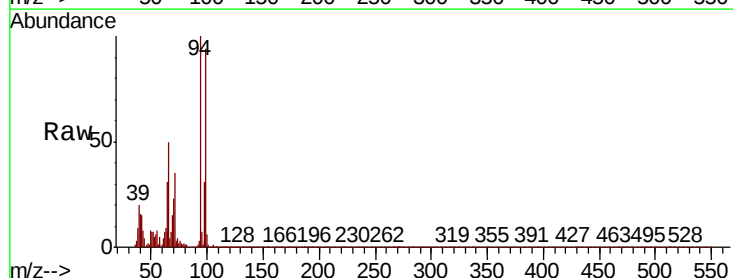
Tgt Ion: 94 Resp: 26921

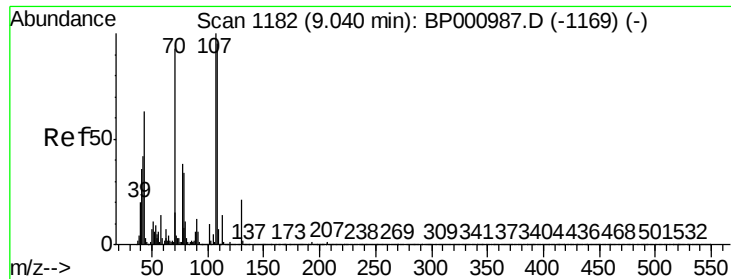
Ion Ratio Lower Upper

94 100

65 31.1 6.7 46.7

66 50.0 18.6 58.6

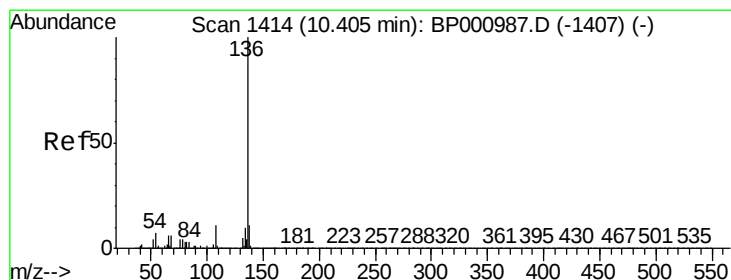
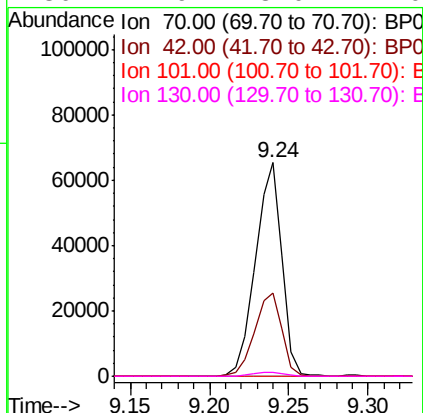
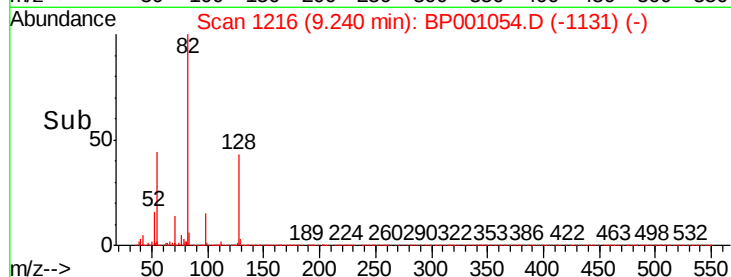
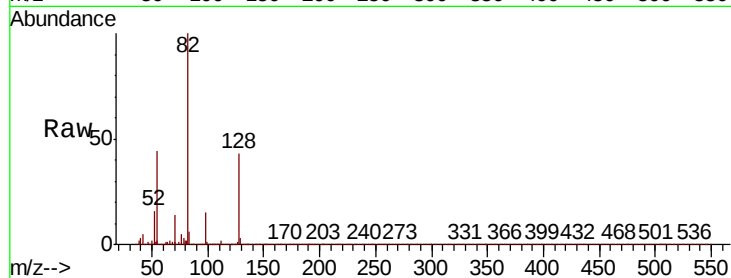




#19
n-Nitroso-di-n-propylamine
Concen: 10.271 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.20 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

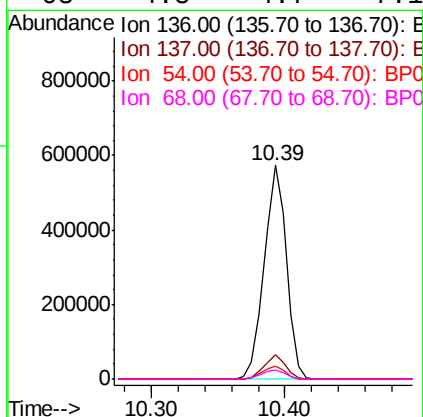
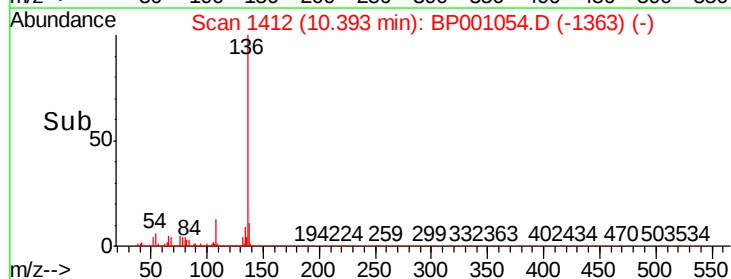
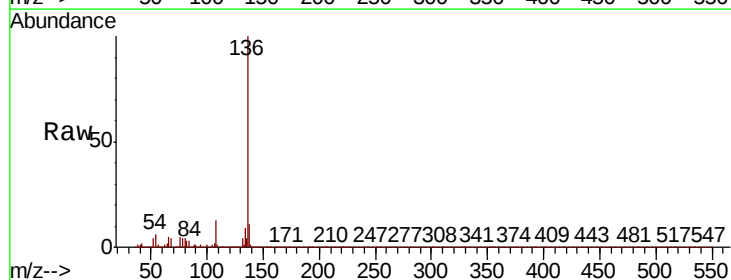
Instrument :
BNA_P
ClientSampled :

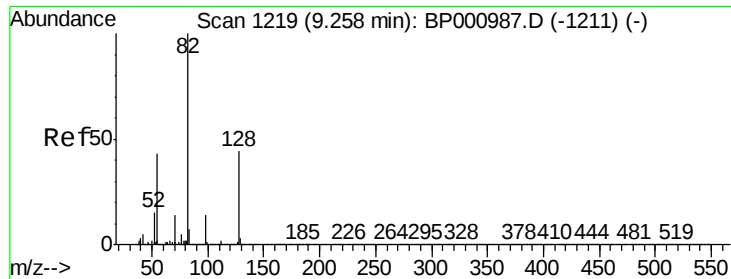
Tot Ion: 70 Resp: 75348
Ion Ratio Lower Upper
70 100
42 38.7 36.3 54.5
101 0.0 8.7 13.1#
130 1.9 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

Tgt Ion: 136 Resp: 657417
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 6.0 5.4 8.2
68 4.5 4.7 7.1#

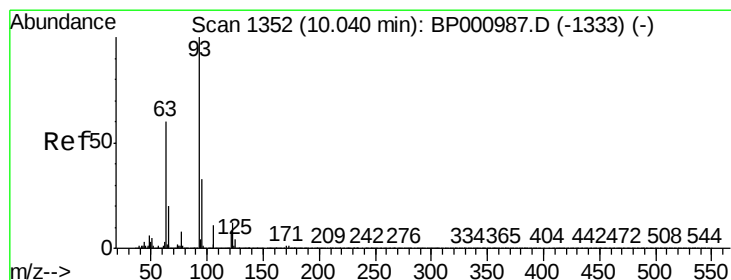
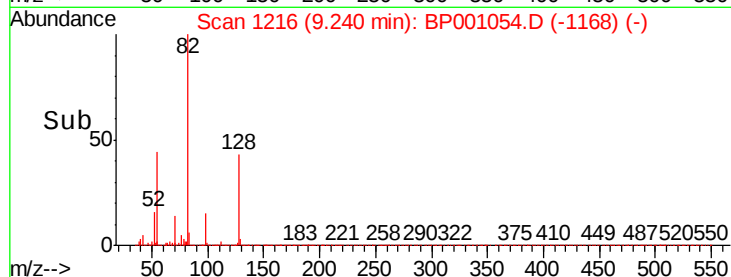
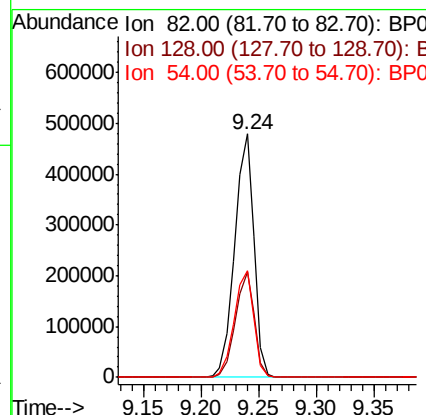
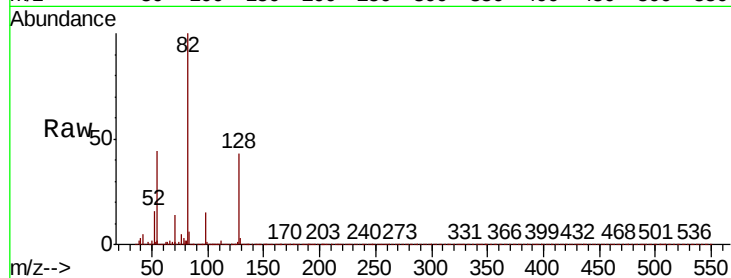




#23
Nitrobenzene-d5
Concen: 46.438 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

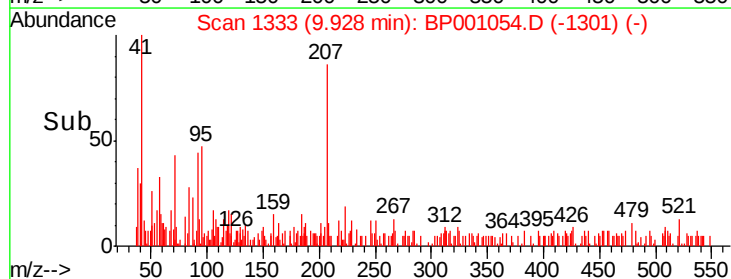
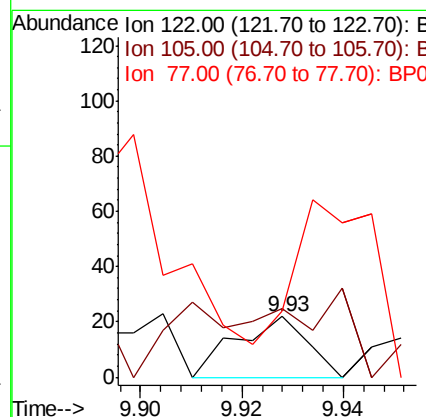
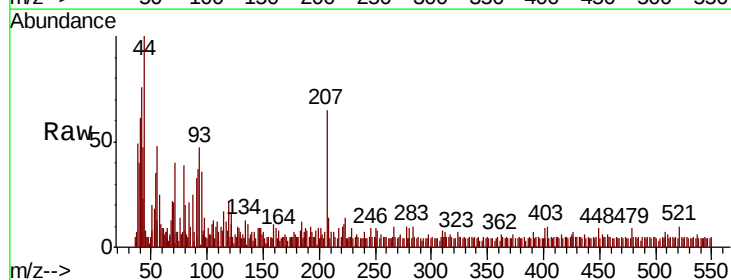
Instrument :
BNA_P
ClientSampleId :

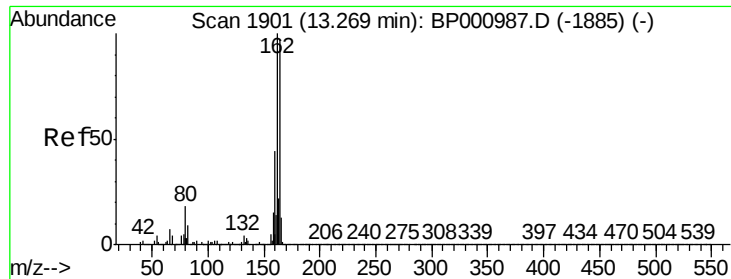
Tot Ion	82	Resp	551896
Ion Ratio	100	Lower	Upper
128	43.1	35.3	52.9
54	43.7	34.3	51.5



#32
Benzoic acid
Concen: 7.671 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.11 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

Tgt Ion	122	Resp	21
Ion Ratio	100	Lower	Upper
105	113.6	110.5	150.5
77	109.1	77.9	117.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

Instrument :

BNA_P

ClientSampleId :

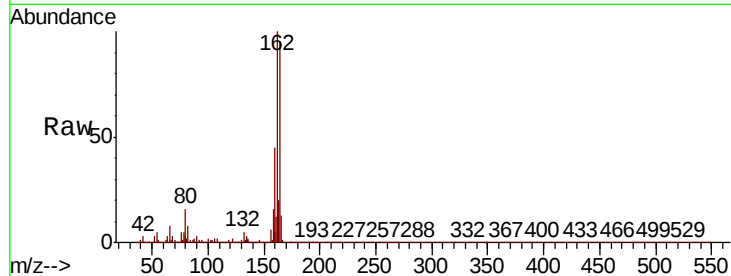
Tot Ion:164 Resp: 404995

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

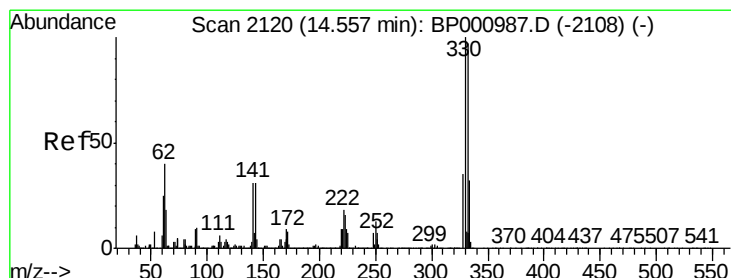
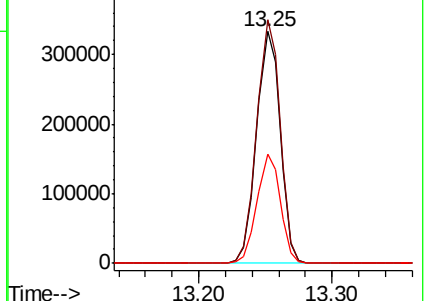
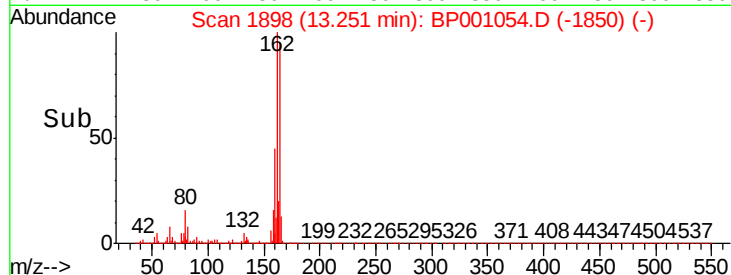
160 47.2 36.5 54.7



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: 85.256 ng

RT: 14.55 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

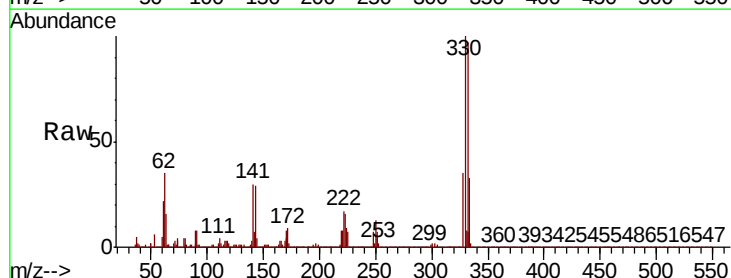
Tgt Ion:330 Resp: 412191

Ion Ratio Lower Upper

330 100

332 97.2 78.3 117.5

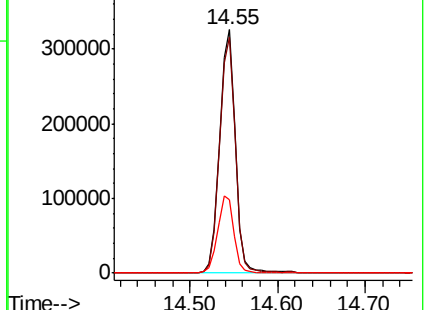
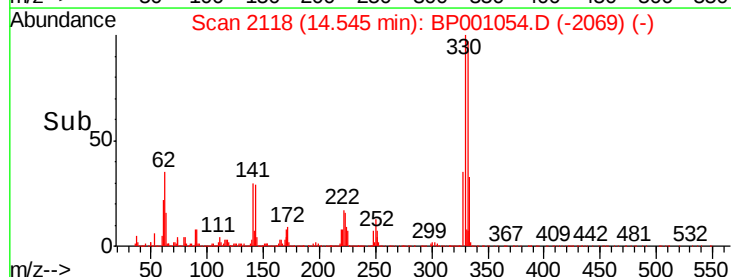
141 32.5 25.0 37.4

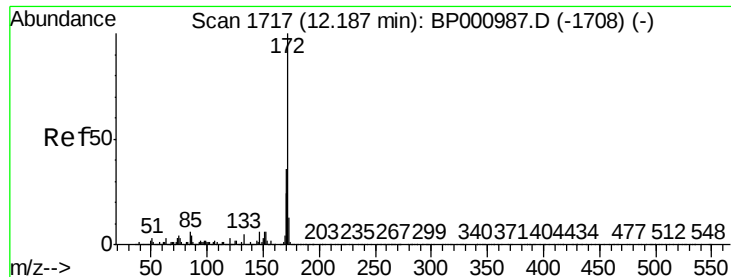


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

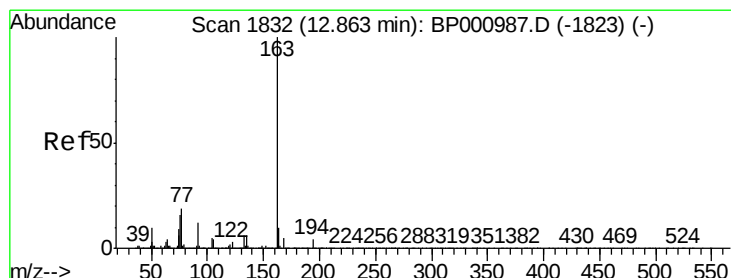
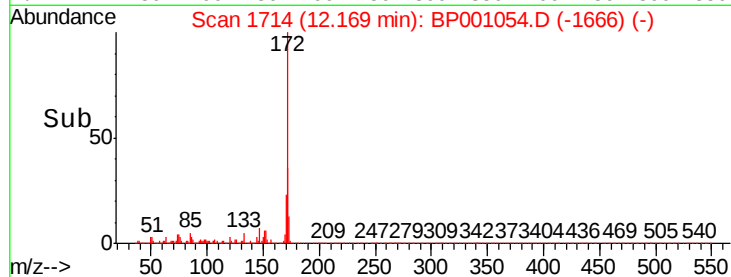
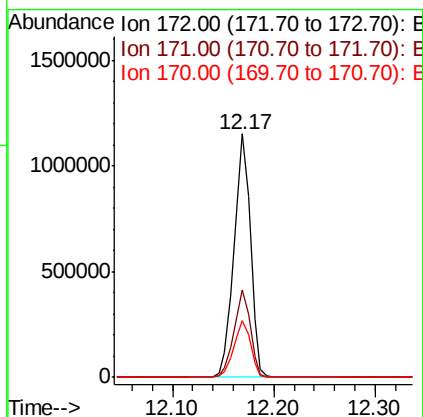
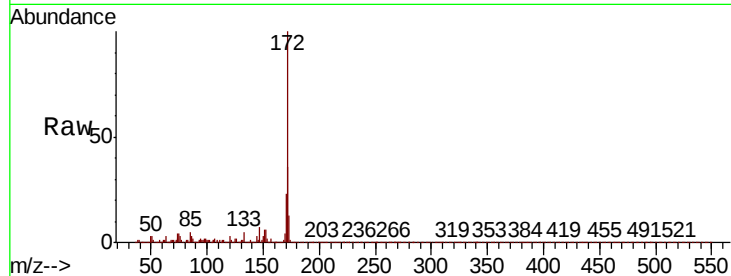




#45
2-Fluorobiphenyl
Concen: 48.497 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

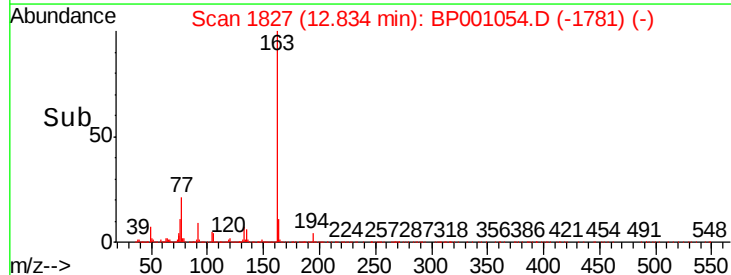
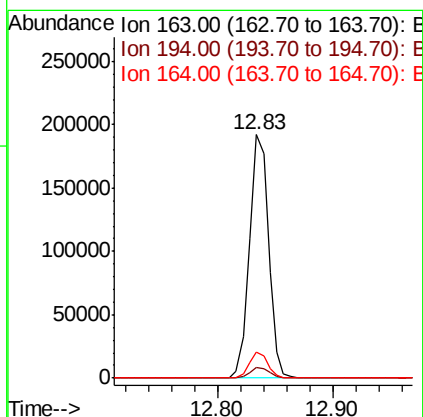
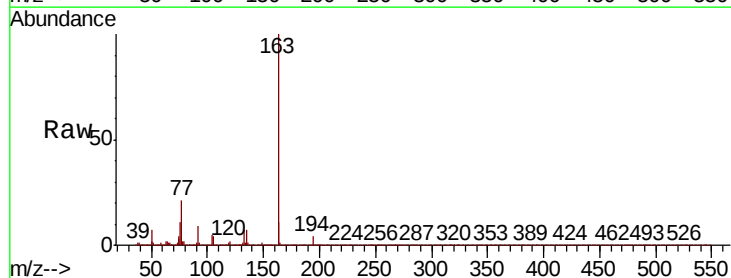
Instrument :
BNA_P
ClientSampleId :

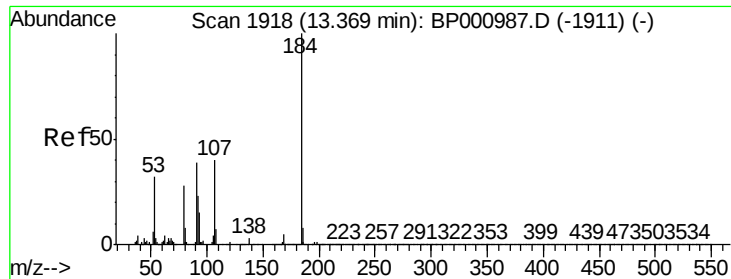
Tot Ion:172 Resp: 1304106
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.5 18.9 28.3



#50
Dimethylphthalate
Concen: 7.422 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

Tgt Ion:163 Resp: 222261
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.9 7.9 11.9

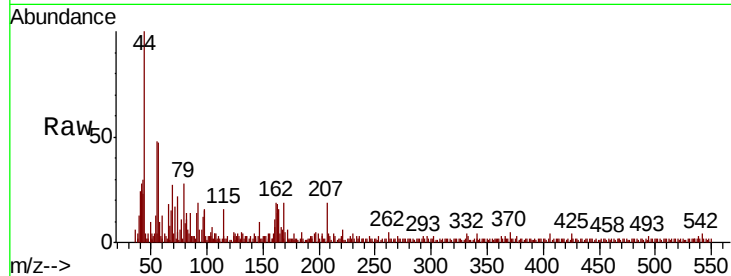




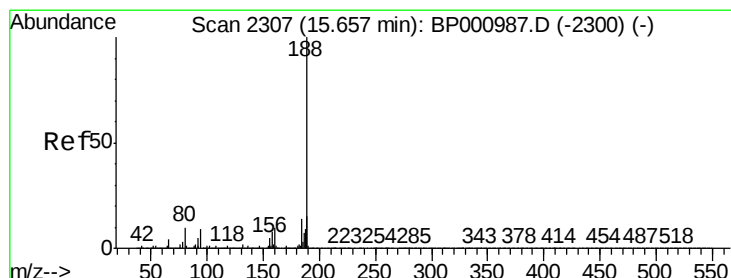
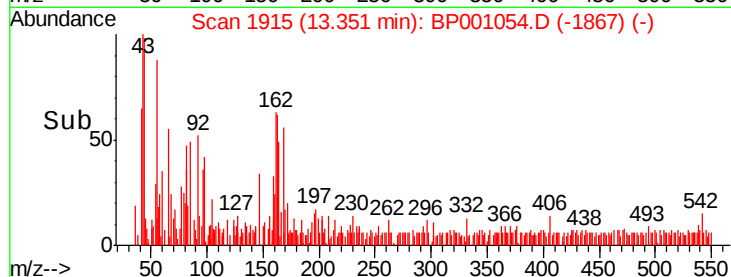
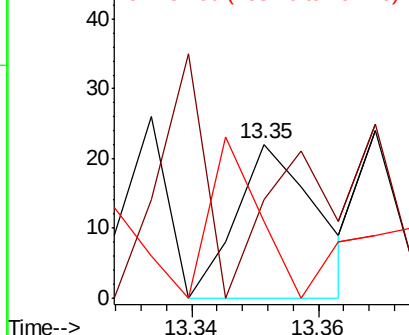
#54
2,4-Dinitrophenol
Concen: 8.317 ng
RT: 13.35 min Scan# 1915
Delta R.T. -0.02 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

Instrument :
BNA_P
ClientSampled :

Tot Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 63.6 41.0 61.6#
154 50.0 48.1 72.1

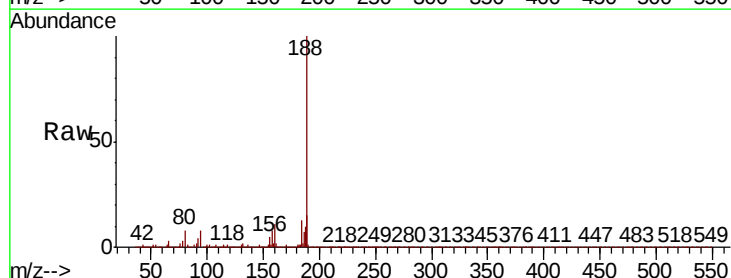


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

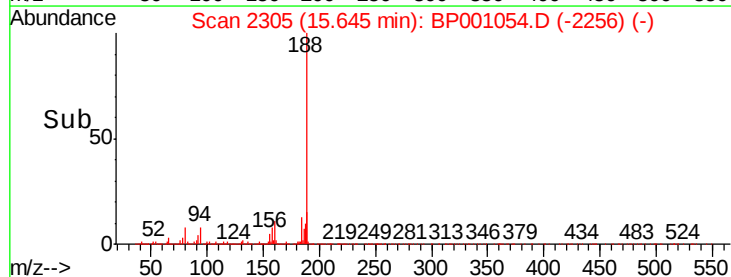
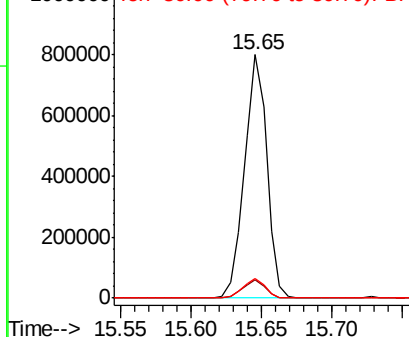


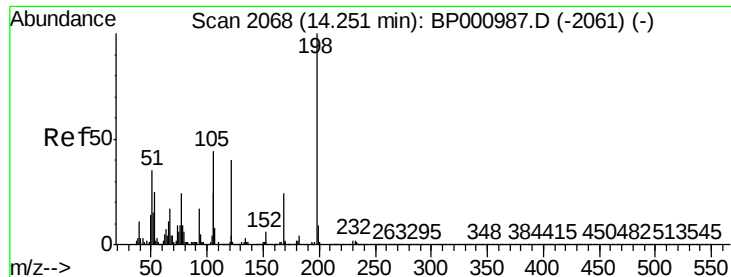
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP001054.D
Acq: 15 Nov 2019 22:26

Tgt Ion:188 Resp: 887998
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 8.2 7.9 11.9



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: 9.892 ng

RT: 14.31 min Scan# 2078

Delta R.T. 0.06 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

Instrument :

BNA_P

ClientSampled :

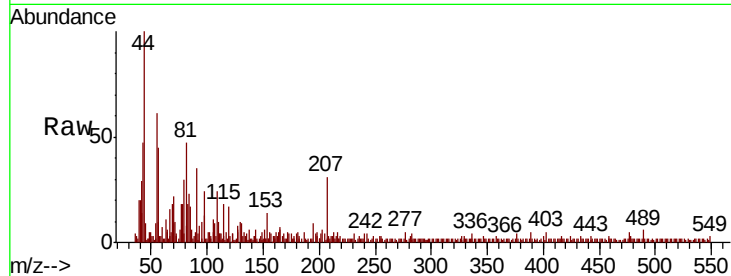
Tot Ion:198 Resp: 35

Ion Ratio Lower Upper

198 100

51 31.4 16.0 56.0

105 54.3 24.9 64.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

150

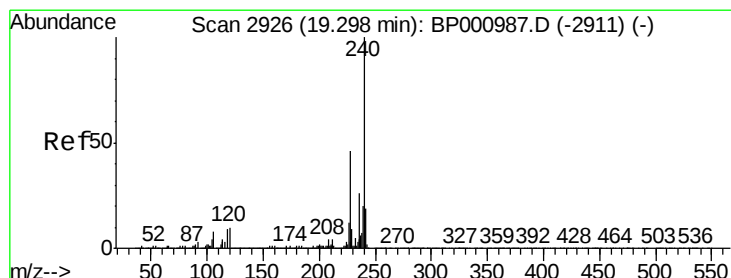
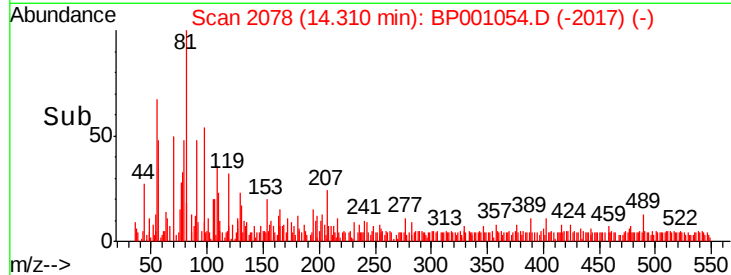
100

50

0

14.31

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.28 min Scan# 2923

Delta R.T. -0.02 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

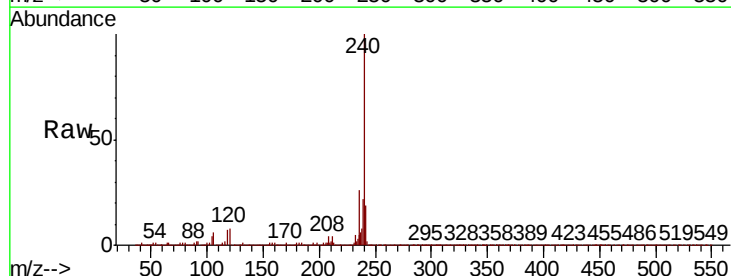
Tgt Ion:240 Resp: 826387

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

236 26.2 20.5 30.7



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

1000000

800000

600000

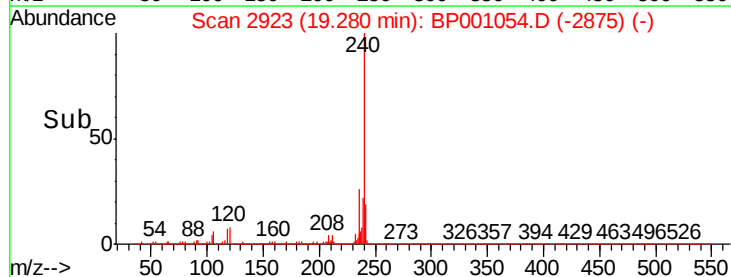
400000

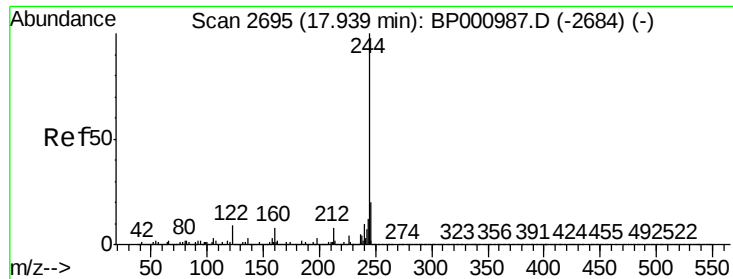
200000

0

19.28

Time-->





#79

Terphenyl-d14

Concen: 49.557 ng

RT: 17.92 min Scan# 2692

Delta R.T. -0.02 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

Instrument :

BNA_P

ClientSampleId :

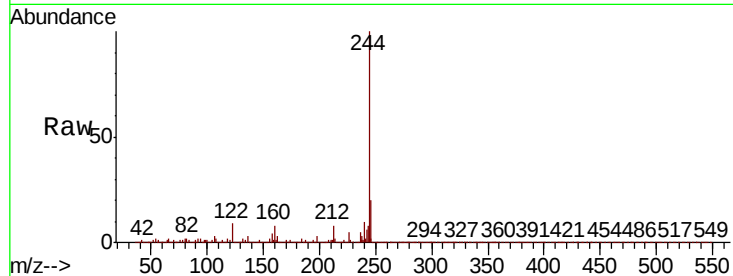
Tot Ion:244 Resp: 2058813

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

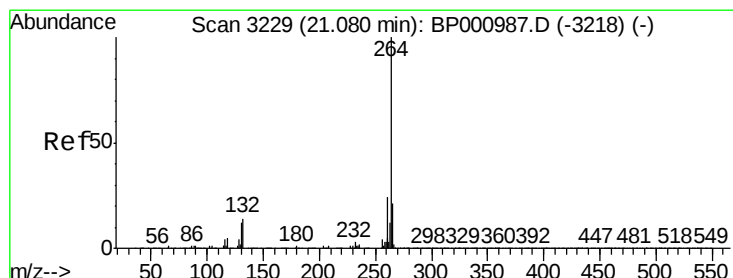
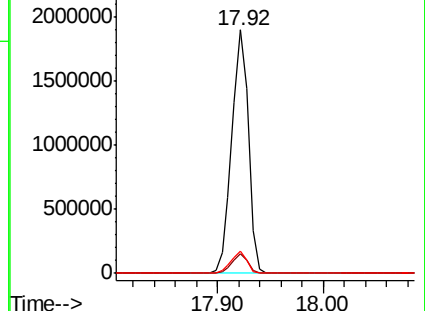
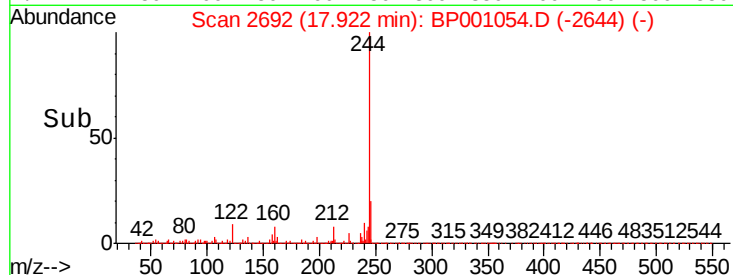
122 8.9 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3226

Delta R.T. -0.02 min

Lab File: BP001054.D

Acq: 15 Nov 2019 22:26

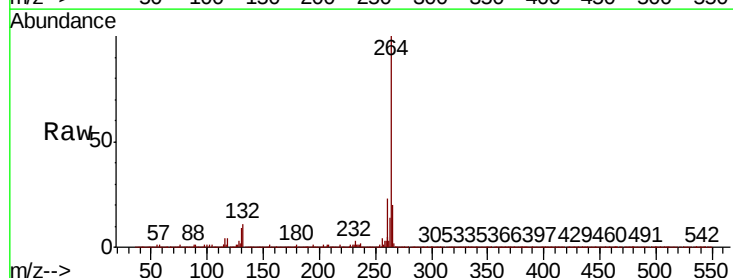
Tgt Ion:264 Resp: 881427

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 20.3 17.1 25.7



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

