

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
 Data File : BP001072.D
 Acq On : 19 Nov 2019 02:12
 Operator : JU
 Sample : K5865-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 19 04:33:45 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

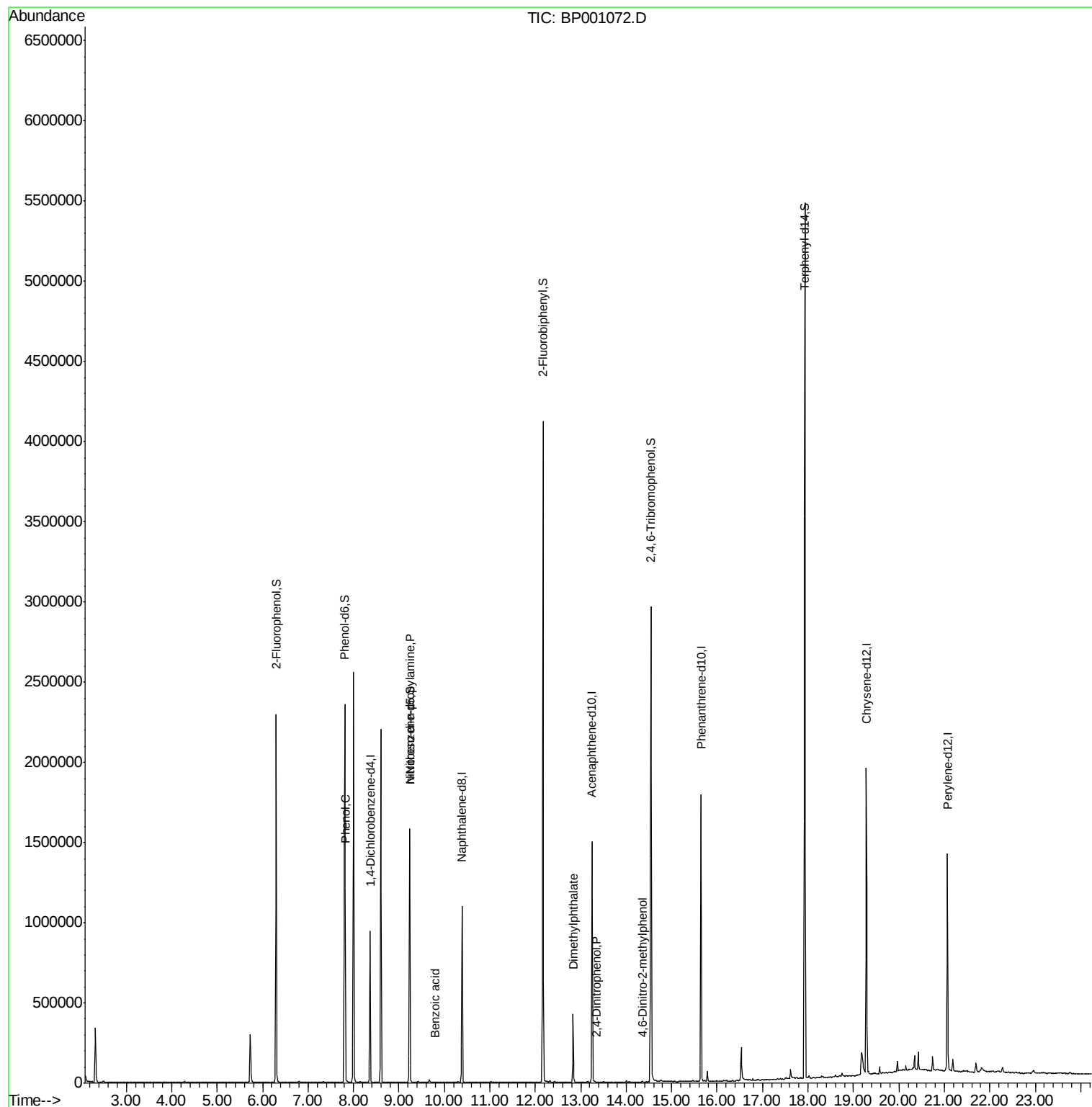
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	172472	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	652039	20.00	ng	-0.02
39) Acenaphthene-d10	13.25	164	399652	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	849408	20.00	ng	-0.01
76) Chrysene-d12	19.29	240	728214	20.00	ng	-0.01
87) Perylene-d12	21.07	264	710770	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	808025	85.27	ng	0.00
7) Phenol-d6	7.81	99	1079355	90.08	ng	0.00
23) Nitrobenzene-d5	9.24	82	671038	56.93	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	521113	109.23	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	1567456	59.07	ng	-0.02
79) Terphenyl-d14	17.93	244	2338107	63.87	ng	-0.01
Target Compounds						
10) Phenol	7.82	94	72771	5.552	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	9.24	70	94668	13.157	ng	# 79
32) Benzoic acid	9.80	122	31	7.673	ng	85
50) Dimethylphthalate	12.83	163	210929	7.138	ng	98
54) 2,4-Dinitrophenol	13.35	184	9	8.312	ng	# 70
65) 4,6-Dinitro-2-methylphenol	14.36	198	32	9.891	ng	# 67

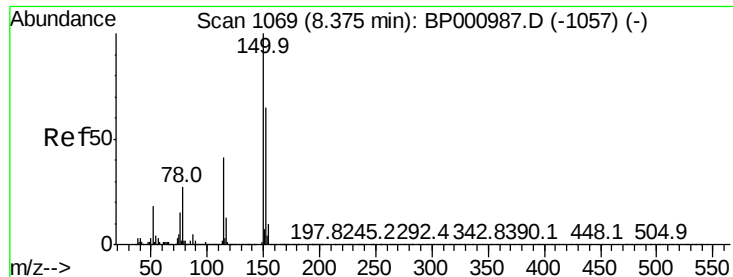
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001072.D
Acq On : 19 Nov 2019 02:12
Operator : JU
Sample : K5865-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 19 04:33:45 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001072.D

Acq: 19 Nov 2019 02:12

Instrument :

BNA_P

ClientSampleId :

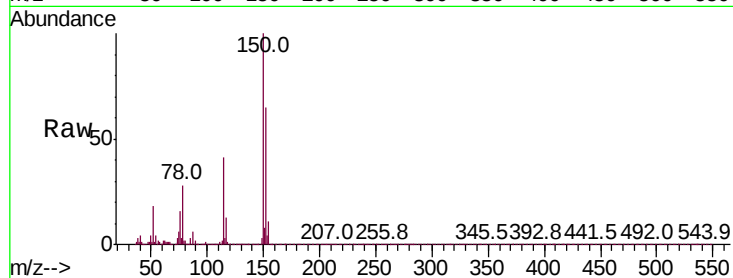
Tot Ion:152 Resp: 172472

Ion Ratio Lower Upper

152 100

150 155.0 123.6 185.4

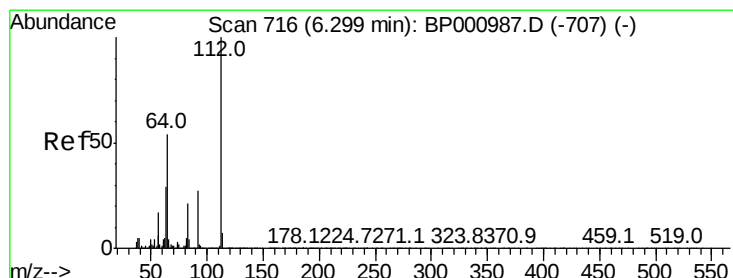
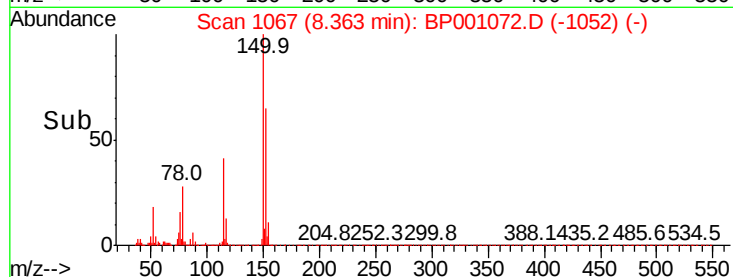
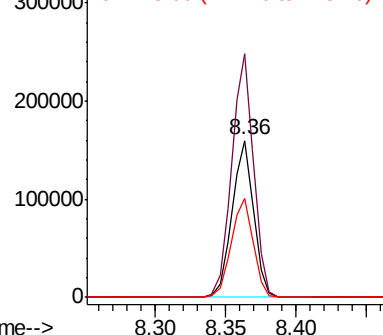
115 63.1 50.1 75.1



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: 85.275 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BP001072.D

Acq: 19 Nov 2019 02:12

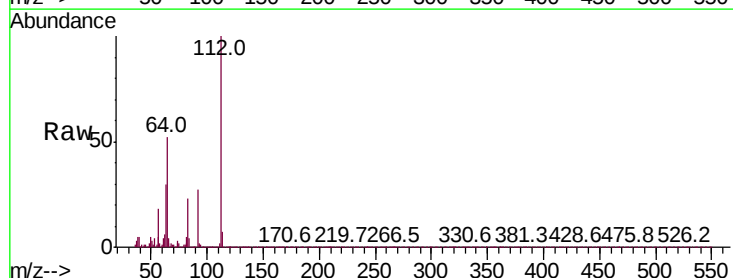
Tgt Ion:112 Resp: 808025

Ion Ratio Lower Upper

112 100

64 51.8 43.4 65.0

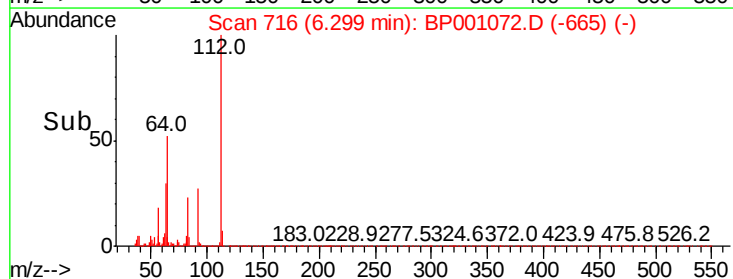
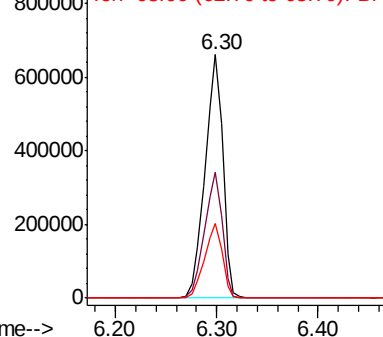
63 30.4 23.4 35.0

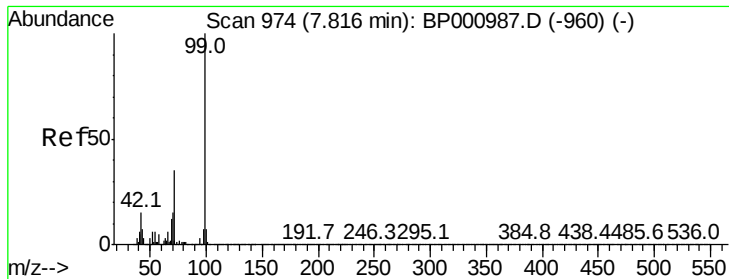


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 90.078 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001072.D

Acq: 19 Nov 2019 02:12

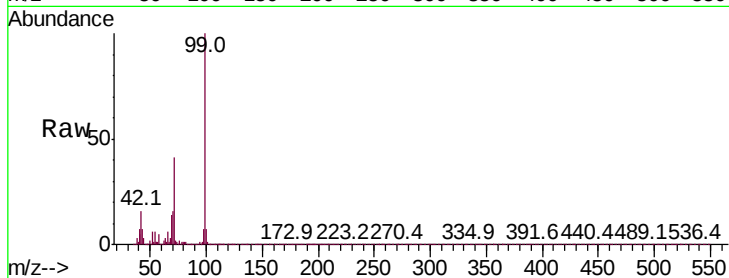
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1079355

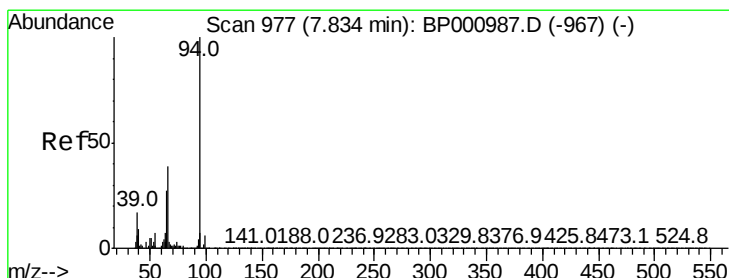
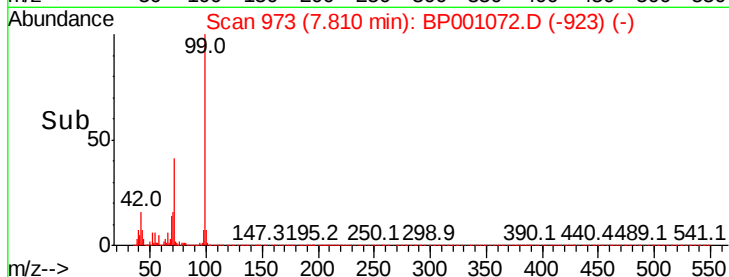
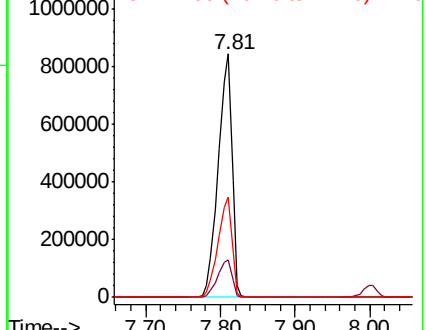
Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.6	17.4
71	41.2	28.0	42.0



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: 5.552 ng

RT: 7.82 min Scan# 975

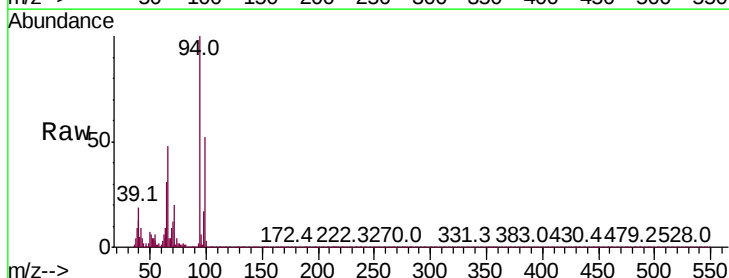
Delta R.T. -0.01 min

Lab File: BP001072.D

Acq: 19 Nov 2019 02:12

Tgt Ion: 94 Resp: 72771

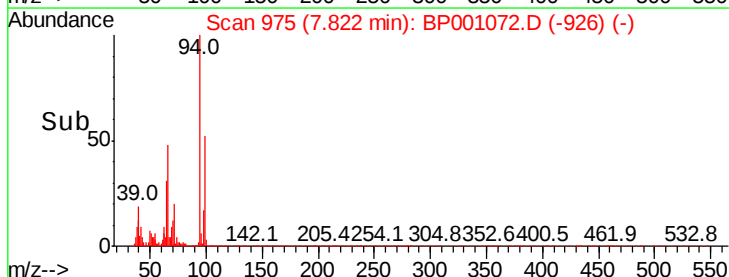
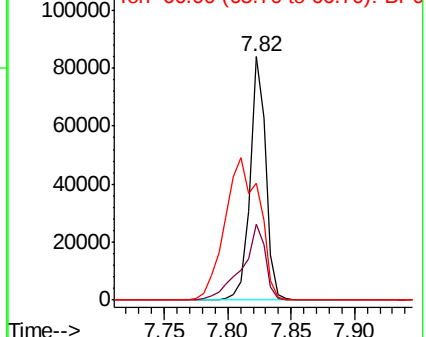
Ion	Ratio	Lower	Upper
94	100		
65	31.4	6.7	46.7
66	47.9	18.6	58.6

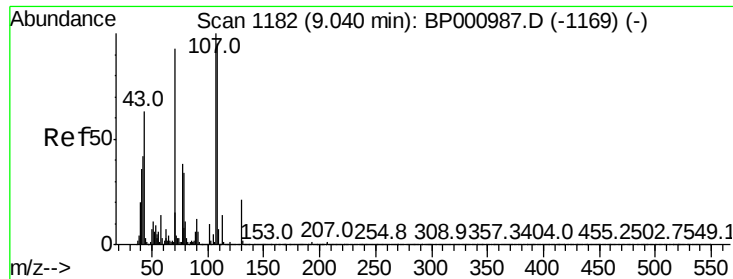


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

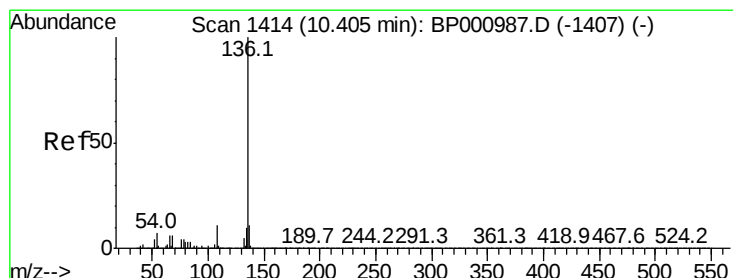
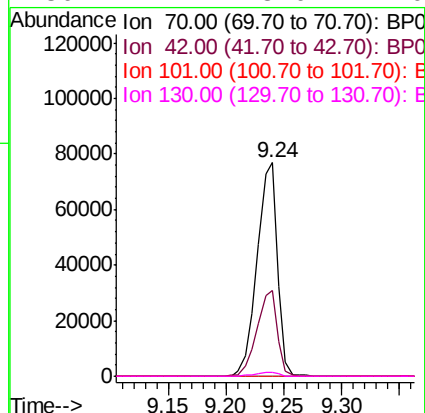
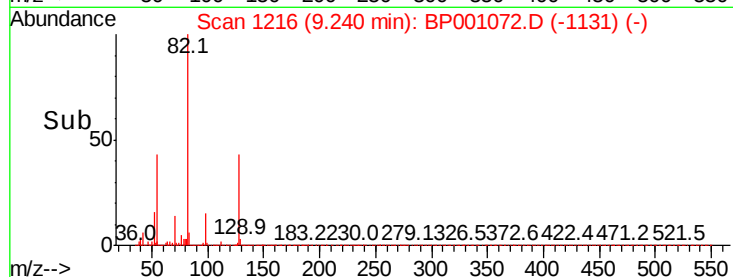
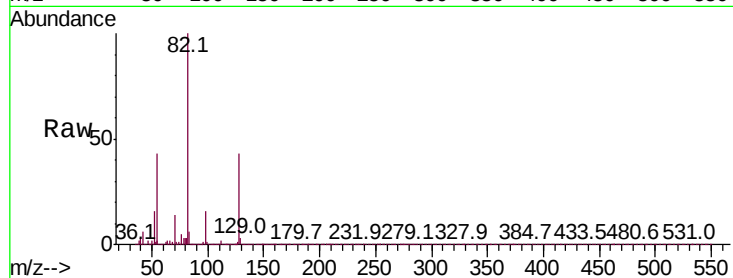




#19
n-Nitroso-di-n-propylamine
Concen: 13.157 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.20 min
Lab File: BP001072.D
Acq: 19 Nov 2019 02:12

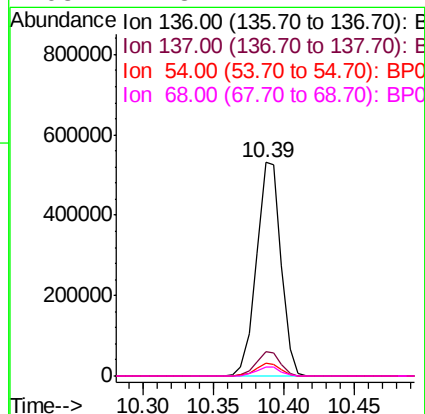
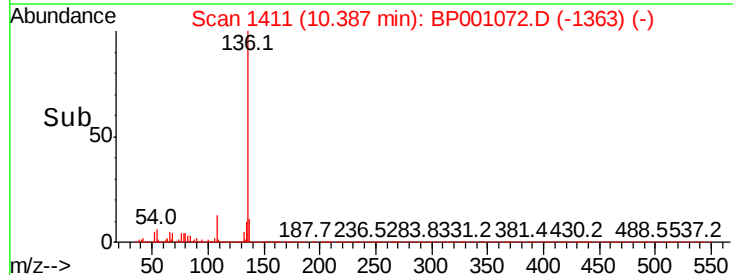
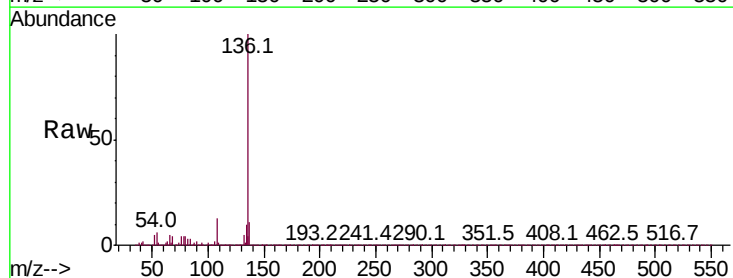
Instrument :
BNA_P
ClientSampleId :

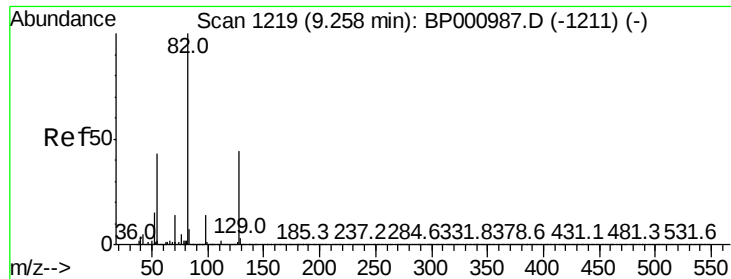
Tot Ion: 70 Resp: 94668
Ion Ratio Lower Upper
70 100
42 40.3 36.3 54.5
101 0.0 8.7 13.1#
130 1.7 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BP001072.D
Acq: 19 Nov 2019 02:12

Tgt Ion: 136 Resp: 652039
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 6.2 5.4 8.2
68 4.3 4.7 7.1#

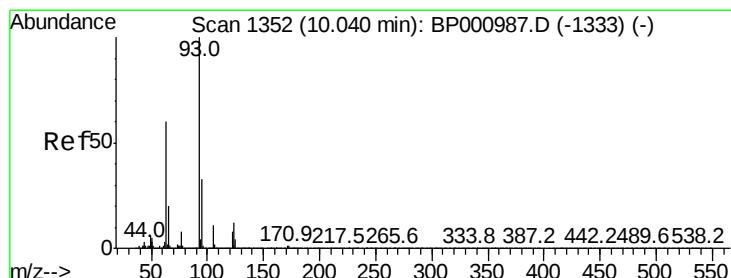
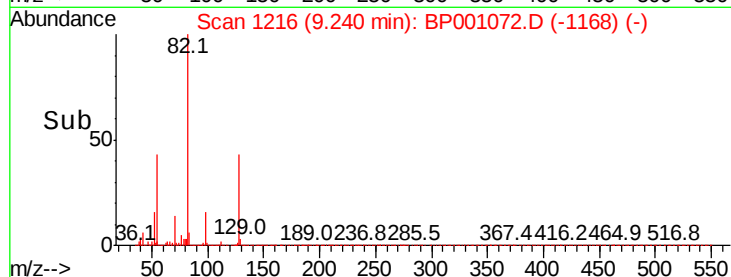
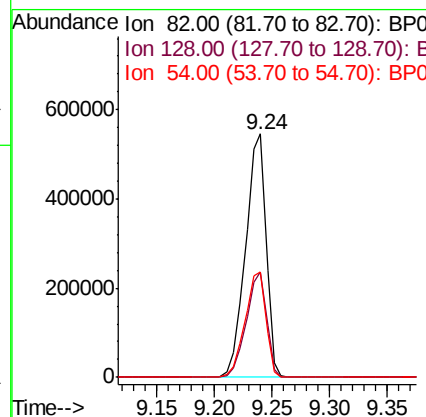
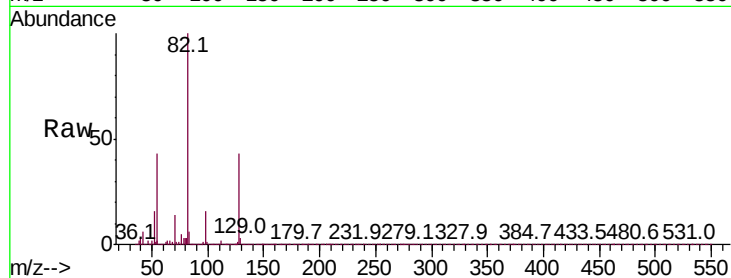




#23
 Nitrobenzene-d5
 Concen: 56.928 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: BP001072.D
 Acq: 19 Nov 2019 02:12

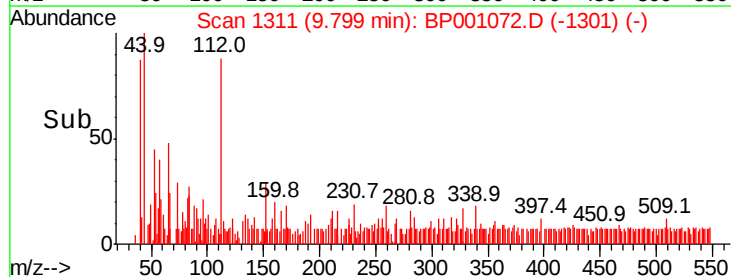
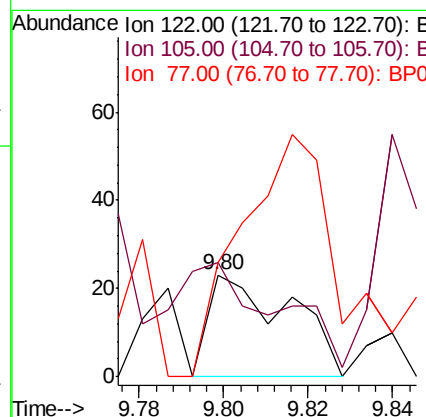
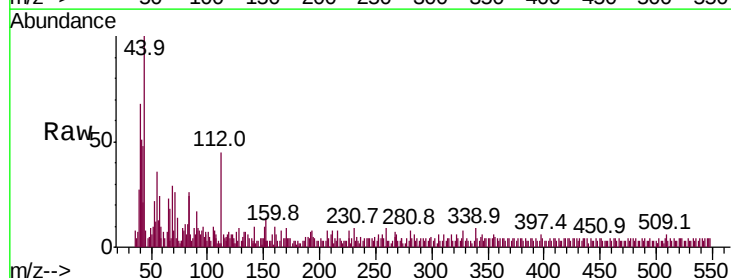
Instrument :
 BNA_P
 ClientSampleId :

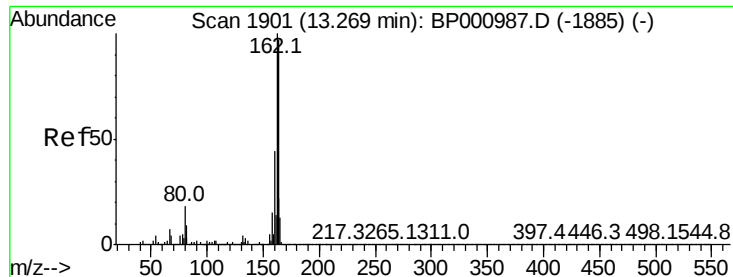
Tot Ion	82	Resp	671038
Ion Ratio	Lower	Upper	
82	100		
128	43.3	35.3	52.9
54	43.3	34.3	51.5



#32
 Benzoic acid
 Concen: 7.673 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.24 min
 Lab File: BP001072.D
 Acq: 19 Nov 2019 02:12

Tgt Ion	122	Resp	31
Ion Ratio	Lower	Upper	
122	100		
105	113.0	110.5	150.5
77	113.0	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: BP001072.D

Acq: 19 Nov 2019 02:12

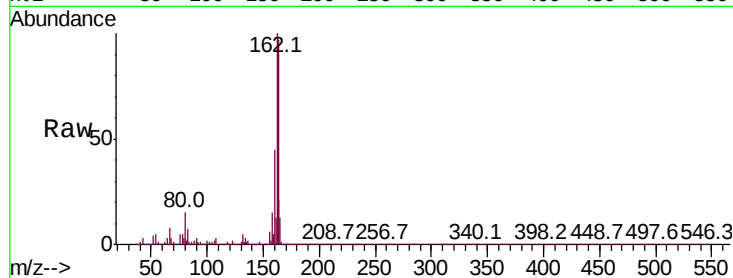
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 399652

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	46.4	36.5	54.7

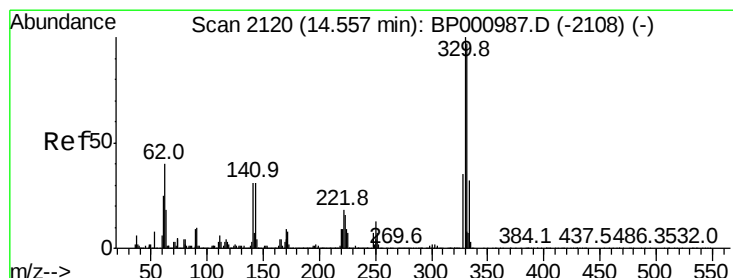
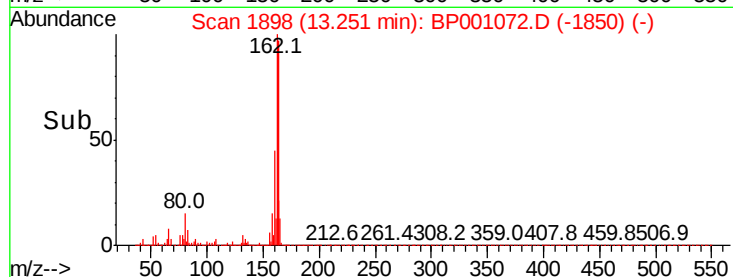
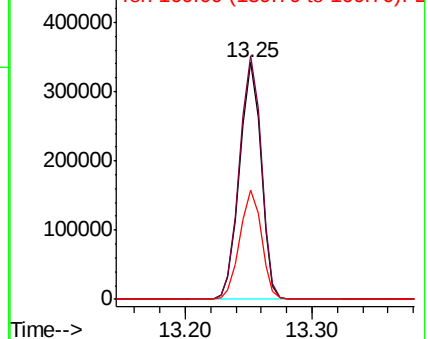


Abundance

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: 109.227 ng

RT: 14.55 min Scan# 2118

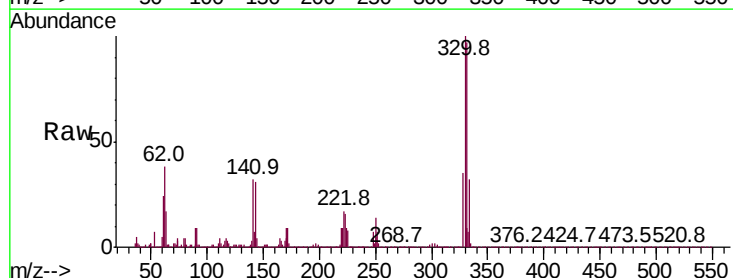
Delta R.T. -0.01 min

Lab File: BP001072.D

Acq: 19 Nov 2019 02:12

Tgt Ion:330 Resp: 521113

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.3	117.5
141	31.9	25.0	37.4

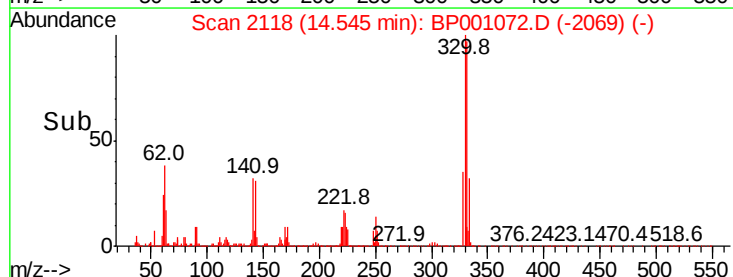
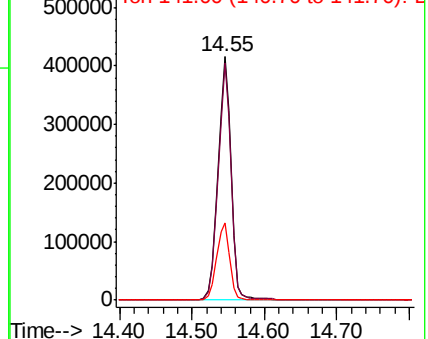


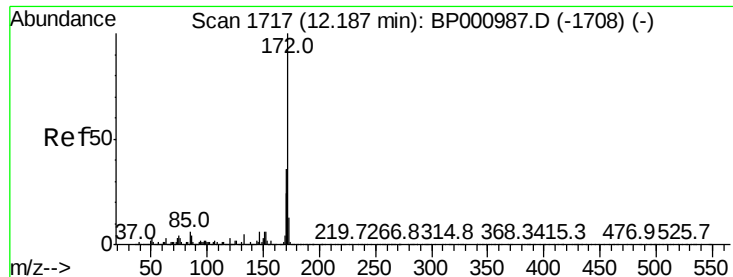
Abundance

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

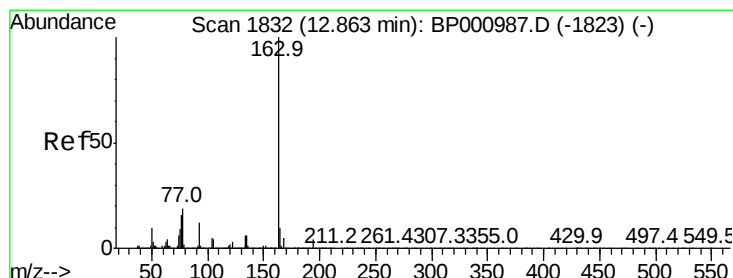
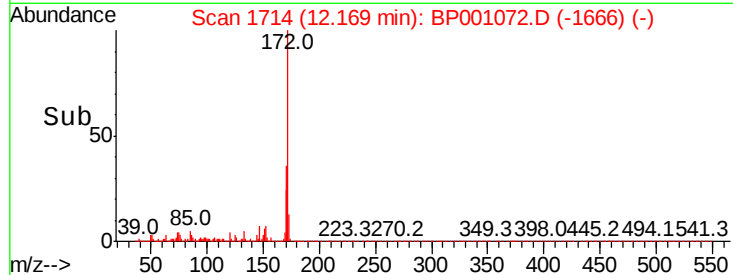
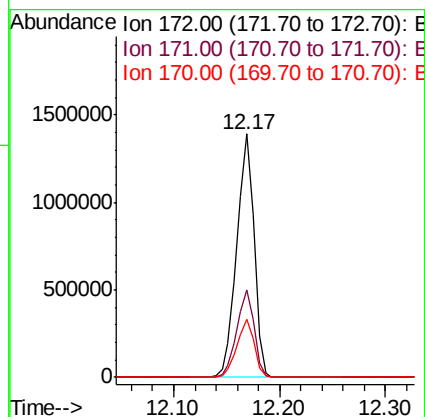
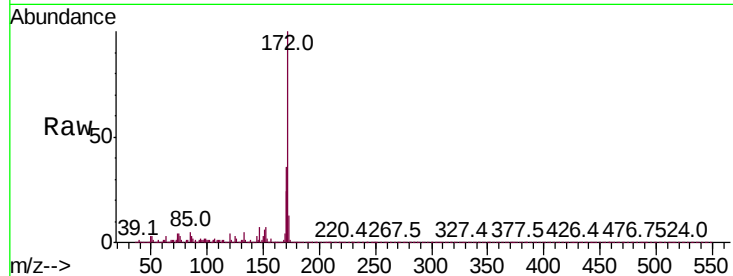




#45
2-Fluorobiphenyl
Concen: 59.070 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001072.D
Acq: 19 Nov 2019 02:12

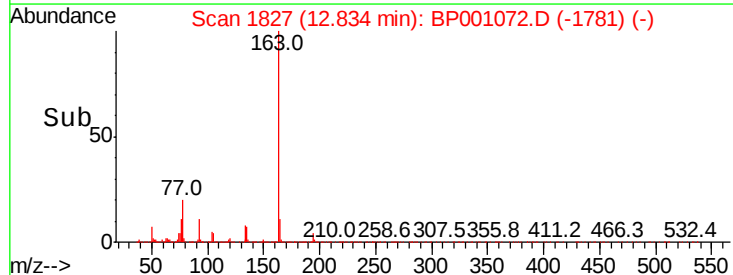
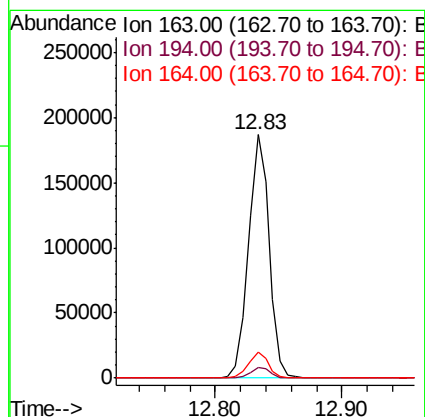
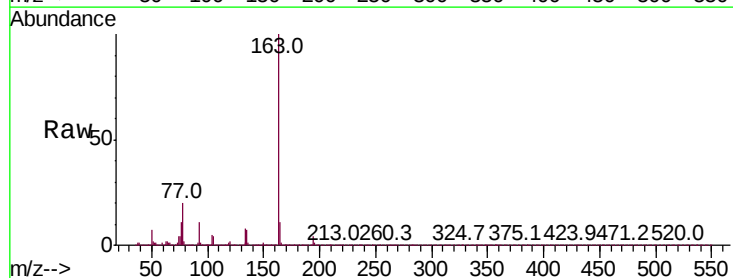
Instrument :
BNA_P
ClientSampleId :

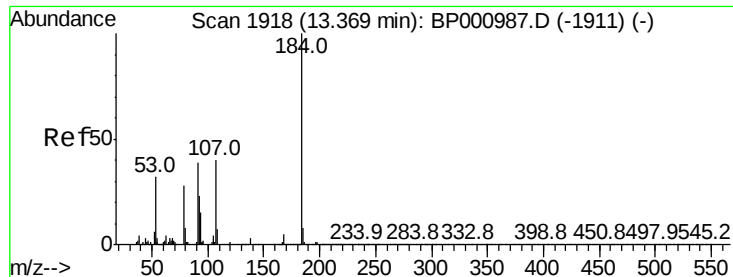
Tot Ion:172 Resp: 1567456
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.0 18.9 28.3



#50
Dimethylphthalate
Concen: 7.138 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001072.D
Acq: 19 Nov 2019 02:12

Tgt Ion:163 Resp: 210929
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.9 7.9 11.9

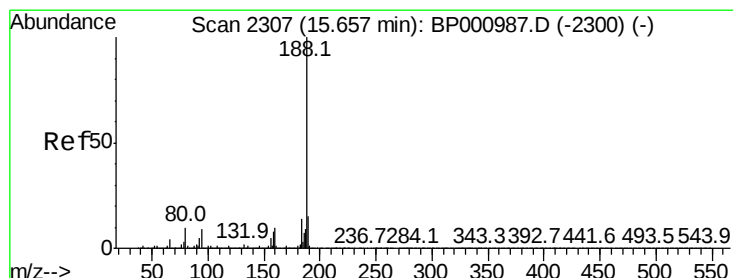
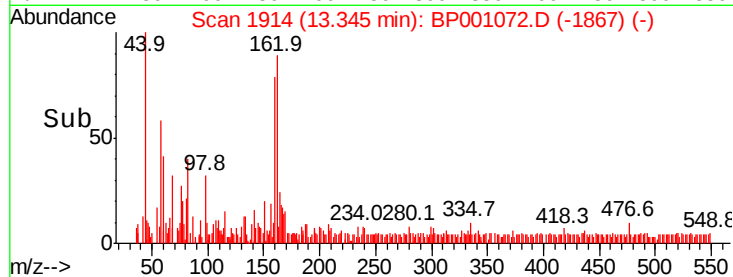
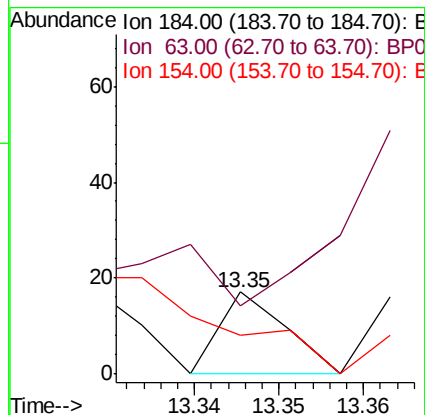
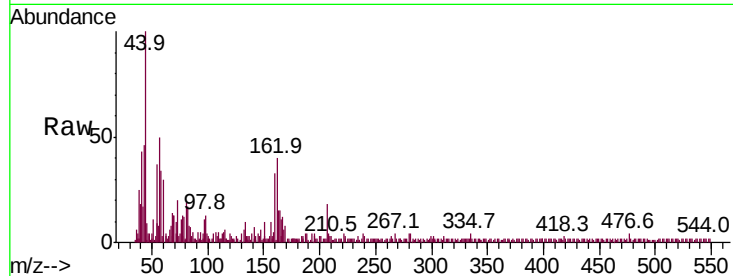




#54
2,4-Dinitrophenol
Concen: 8.312 ng
RT: 13.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BP001072.D
Acq: 19 Nov 2019 02:12

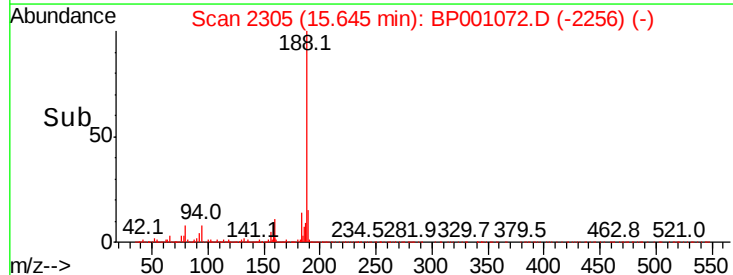
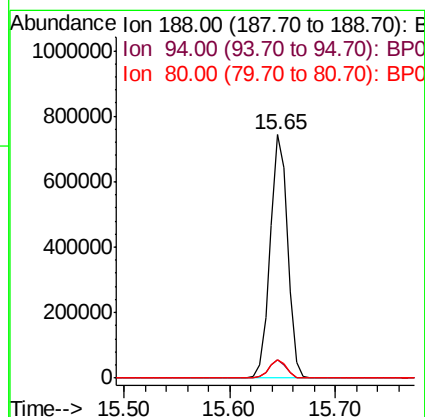
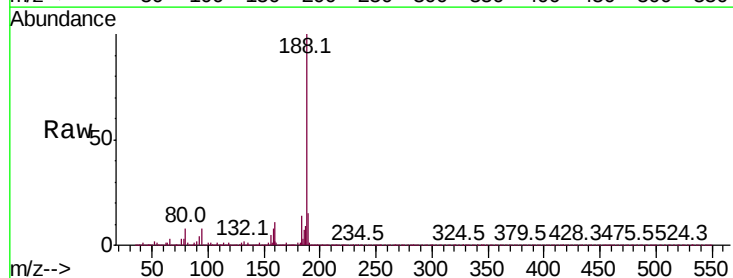
Instrument :
BNA_P
ClientSampled :

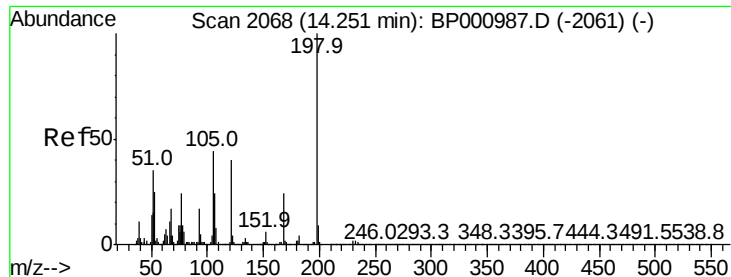
Tot Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 82.4 41.0 61.6#
154 47.1 48.1 72.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP001072.D
Acq: 19 Nov 2019 02:12

Tgt Ion:188 Resp: 849408
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 7.8 7.9 11.9#





#65

4,6-Dinitro-2-methylphenol

Concen: 9.891 ng

RT: 14.36 min Scan# 2086

Delta R.T. 0.11 min

Lab File: BP001072.D

Acq: 19 Nov 2019 02:12

Instrument :

BNA_P

ClientSampled :

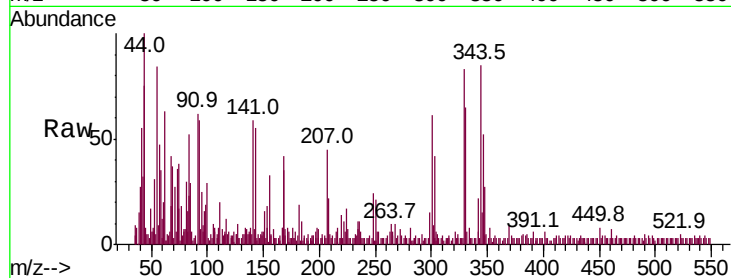
Tot Ion:198 Resp: 32

Ion Ratio Lower Upper

198 100

51 52.6 16.0 56.0

105 68.4 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

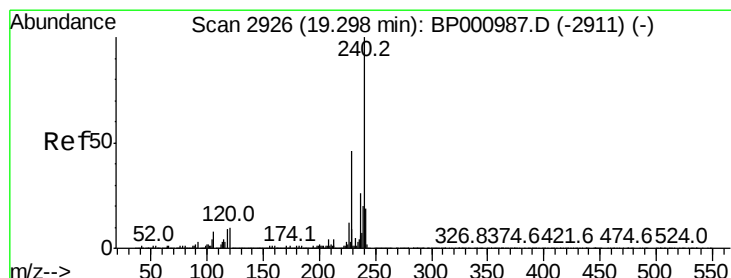
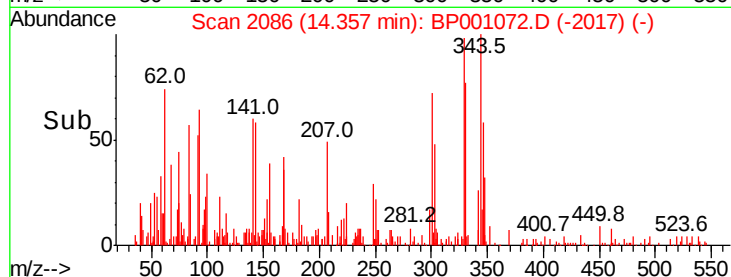
100

50

0

14.32 14.34 14.36 14.38

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.29 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BP001072.D

Acq: 19 Nov 2019 02:12

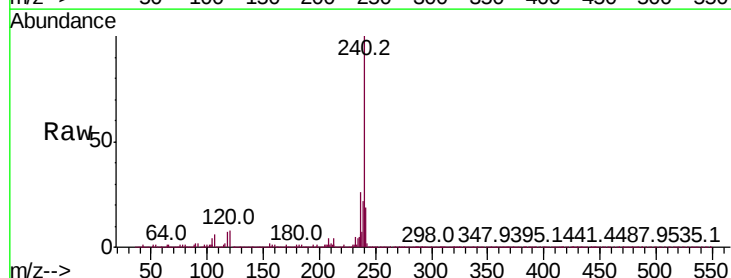
Tgt Ion:240 Resp: 728214

Ion Ratio Lower Upper

240 100

120 7.6 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

800000

600000

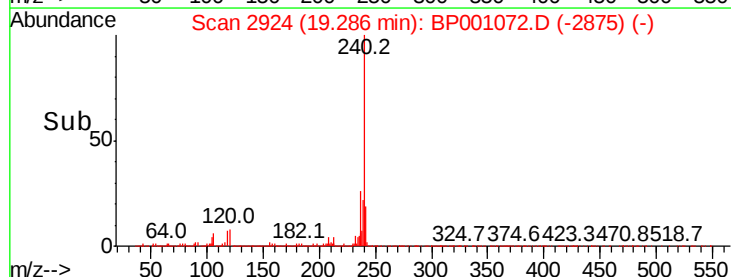
400000

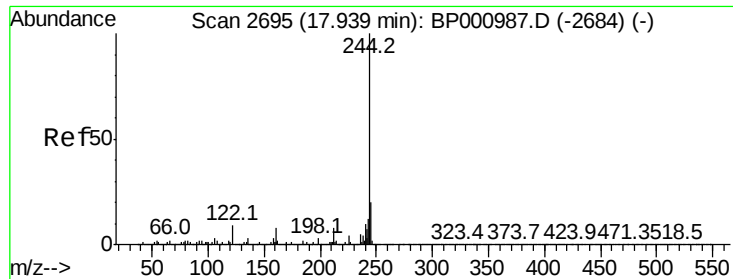
200000

0

19.20 19.40

Time-->





#79

Terphenyl-d14

Concen: 63.866 ng

RT: 17.93 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BP001072.D

Acq: 19 Nov 2019 02:12

Instrument :

BNA_P

ClientSampleId :

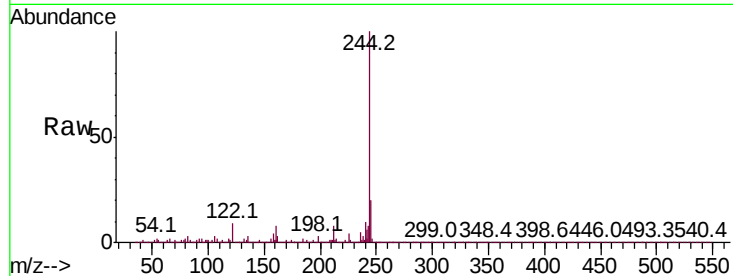
Tot Ion:244 Resp: 2338107

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	9.3	7.4	11.2

244 100

212 7.9 6.0 9.0

122 9.3 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

2500000

2000000

1500000

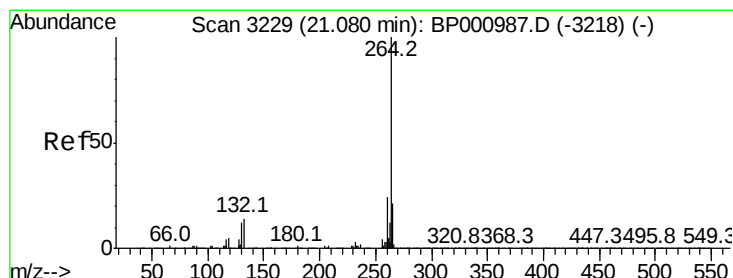
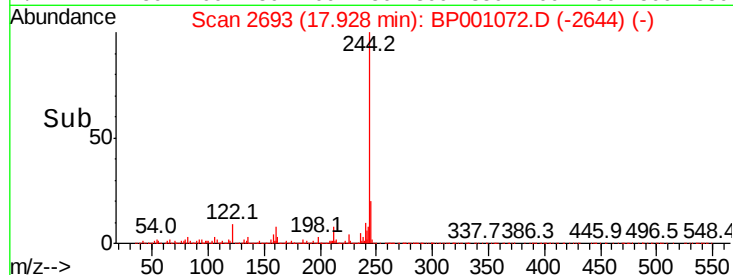
1000000

500000

0

17.80 17.90 18.00 18.10

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP001072.D

Acq: 19 Nov 2019 02:12

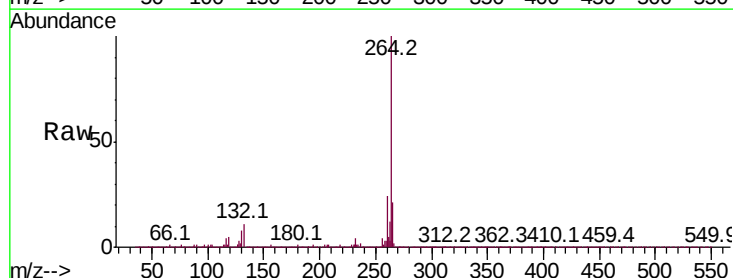
Tgt Ion:264 Resp: 710770

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.2	17.1	25.7

264 100

260 23.6 18.8 28.2

265 21.2 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

600000

400000

200000

0

21.00 21.10 21.20

Time-->

