

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110819\
 Data File : BP001008.D
 Acq On : 08 Nov 2019 09:16
 Operator : JU
 Sample : PB124591BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 08 11:19:06 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

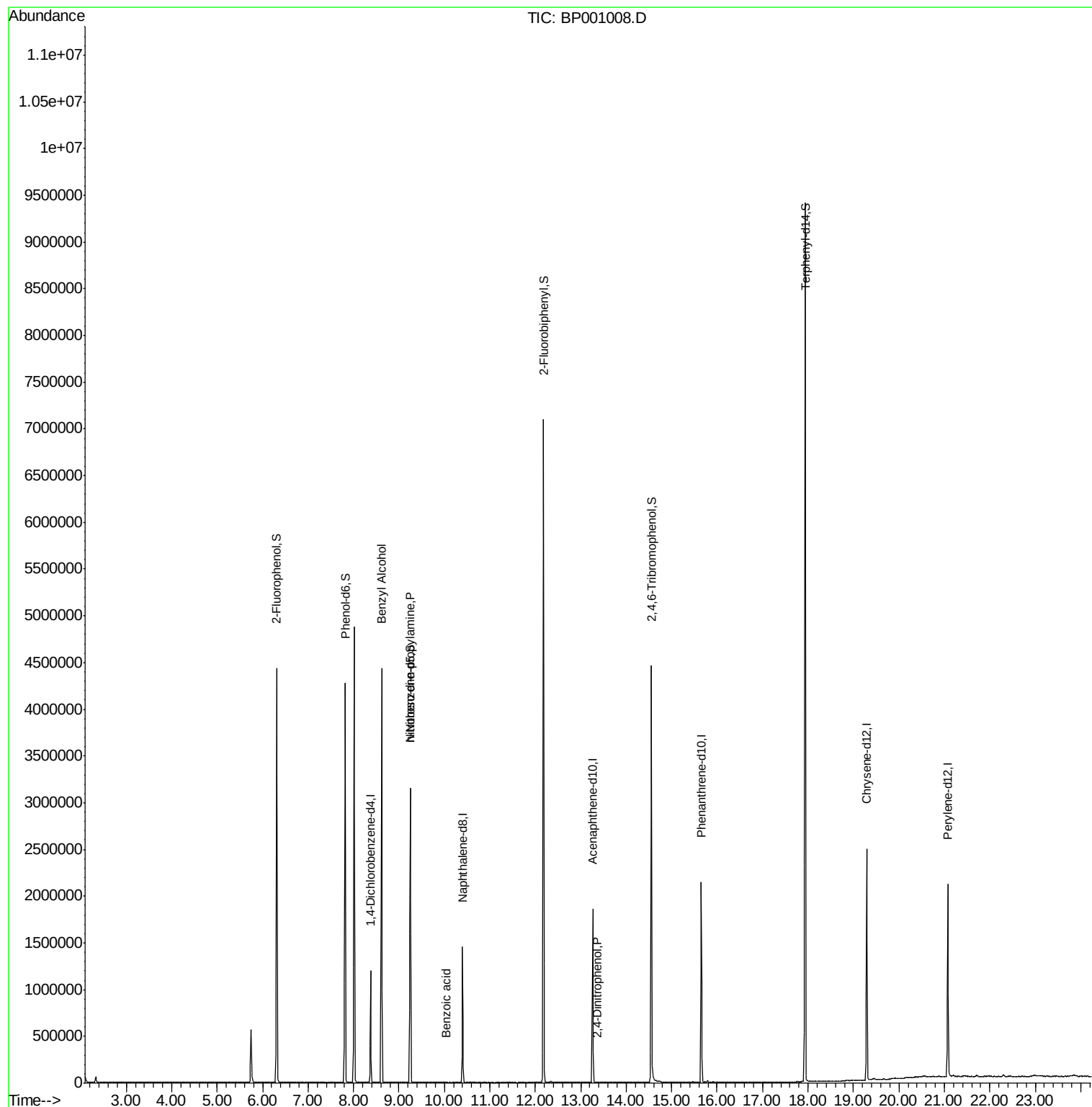
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	223295	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	842318	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	495615	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	1049225	20.00	ng	0.00
76) Chrysene-d12	19.29	240	954000	20.00	ng	0.00
87) Perylene-d12	21.07	264	1074452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1662897	135.55	ng	0.01
7) Phenol-d6	7.82	99	2190468	141.20	ng	0.00
23) Nitrobenzene-d5	9.25	82	1329902	87.34	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	817830	138.23	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	2891095	87.86	ng	0.00
79) Terphenyl-d14	17.94	244	4176118	87.07	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.62	79	24998	2.115	ng	# 52
19) n-Nitroso-di-n-propylamine	9.25	70	176234	18.919	ng	# 77
32) Benzoic acid	10.03	122	6	7.669	ng	# 33
54) 2,4-Dinitrophenol	13.36	184	18	8.315	ng	# 23

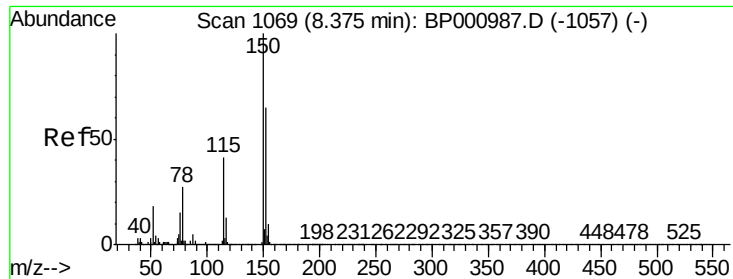
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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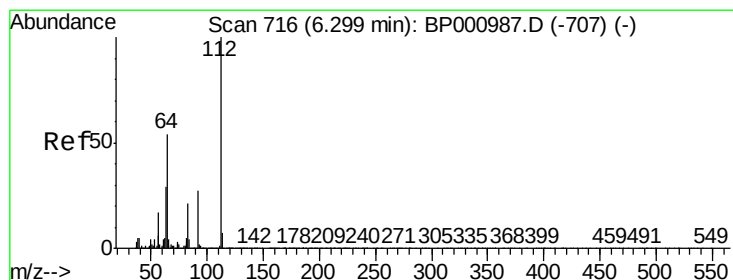
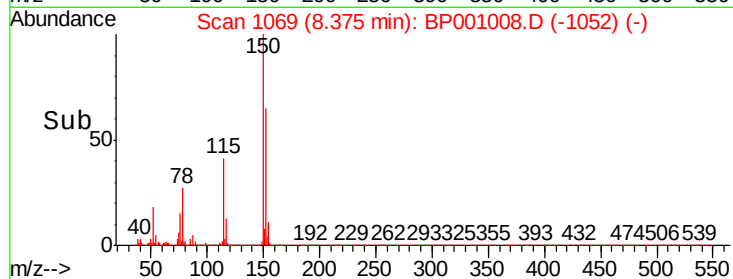
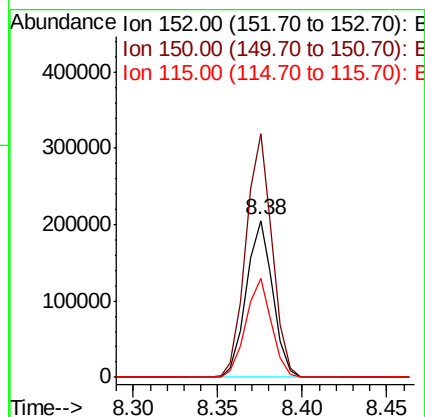
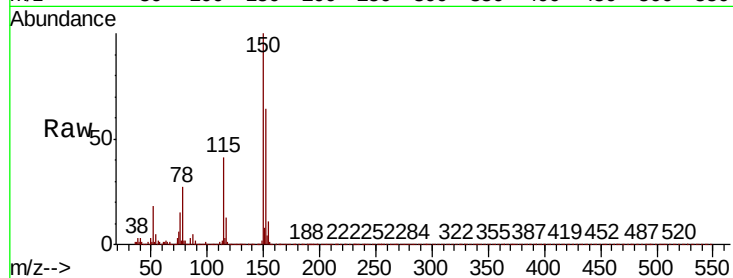




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.38 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BP001008.D
Acq: 08 Nov 2019 09:16

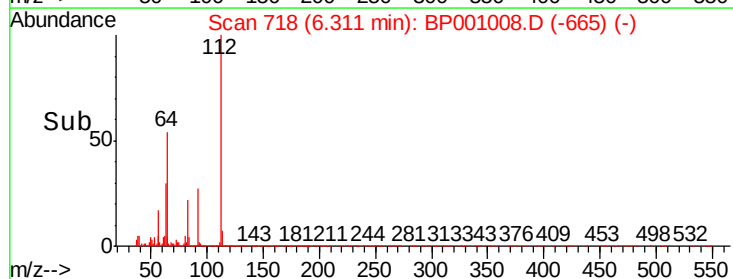
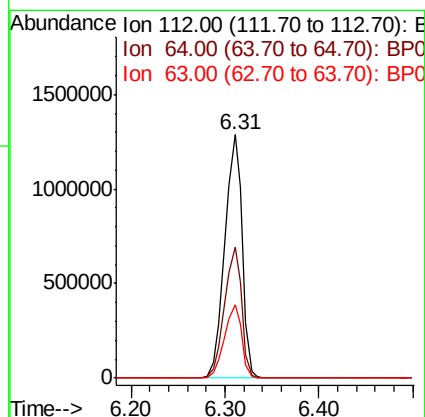
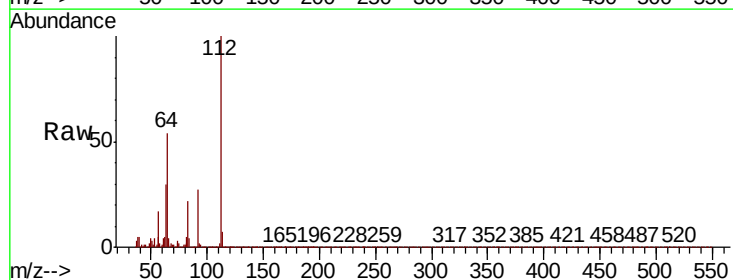
Instrument :
BNA_P
ClientSampleId :

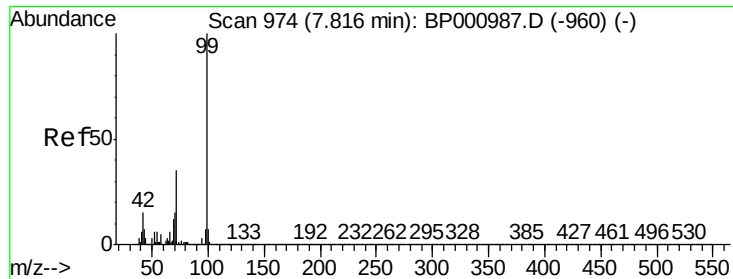
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.6	185.4
115	63.4	50.1	75.1



#5
2-Fluorophenol
Concen: 135.550 ng
RT: 6.31 min Scan# 718
Delta R.T. 0.01 min
Lab File: BP001008.D
Acq: 08 Nov 2019 09:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	43.4	65.0
63	30.1	23.4	35.0





#7

Phenol-d6

Concen: 141.199 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP001008.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_P

ClientSampleId :

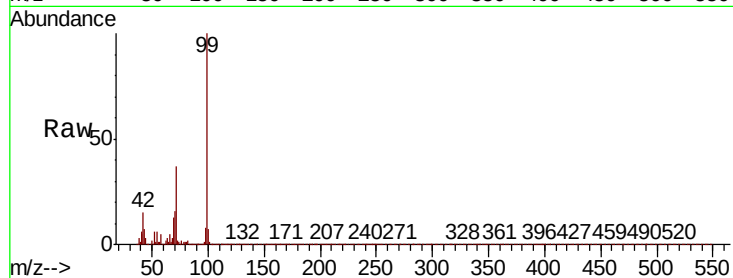
Tot Ion: 99 Resp: 2190468

Ion Ratio Lower Upper

99 100

42 14.8 11.6 17.4

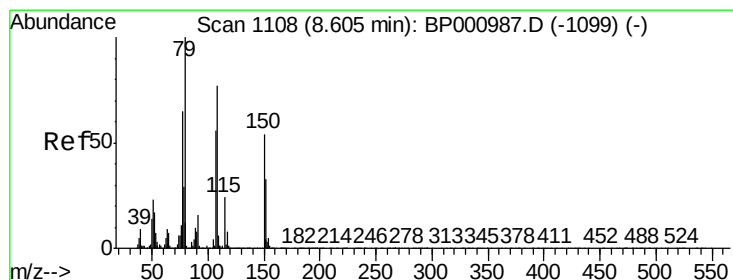
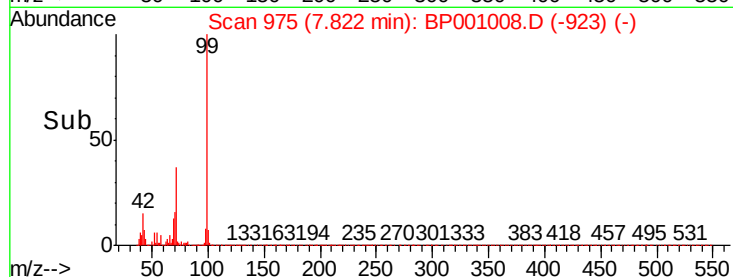
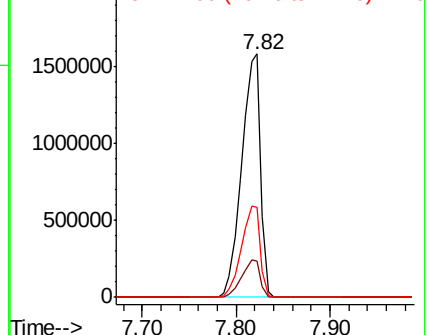
71 37.0 28.0 42.0



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



#15

Benzyl Alcohol

Concen: 2.115 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BP001008.D

Acq: 08 Nov 2019 09:16

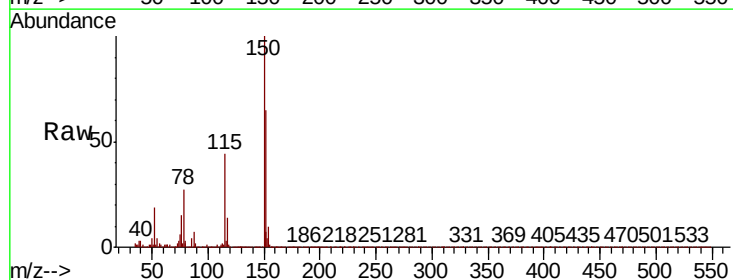
Tgt Ion: 79 Resp: 24998

Ion Ratio Lower Upper

79 100

108 38.1 62.0 93.0#

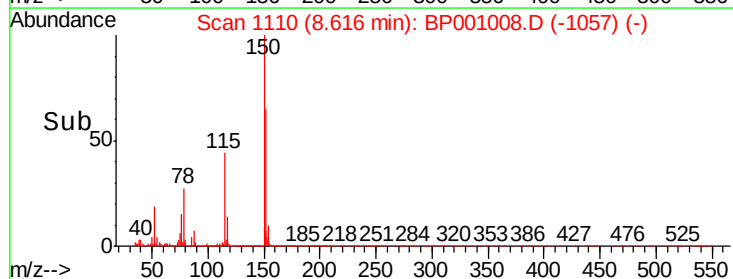
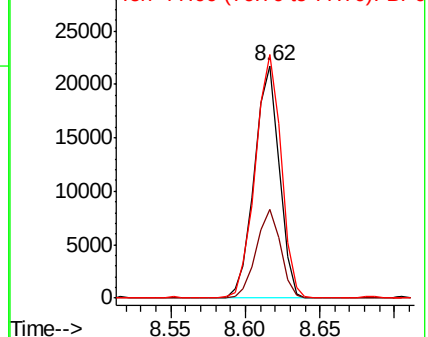
77 104.7 51.9 77.9#

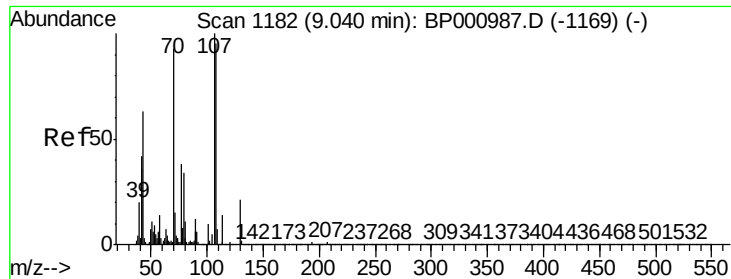


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

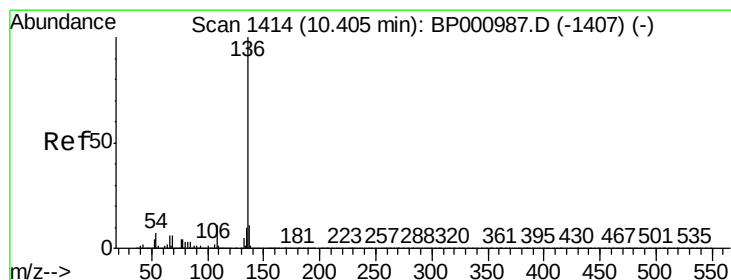
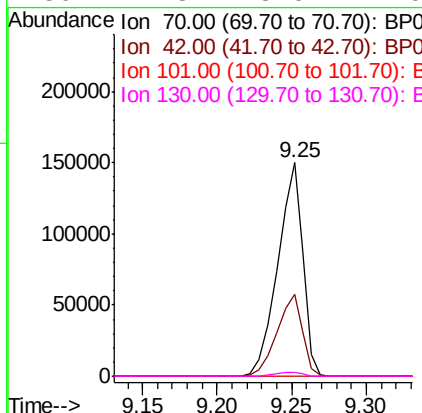
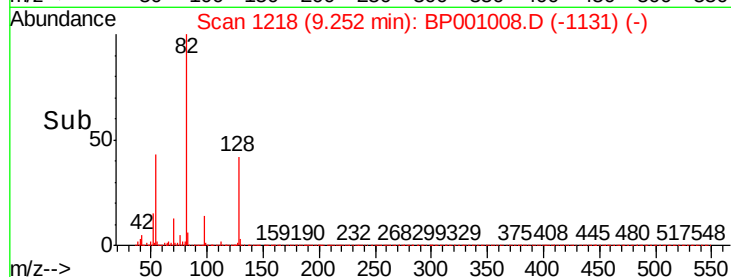
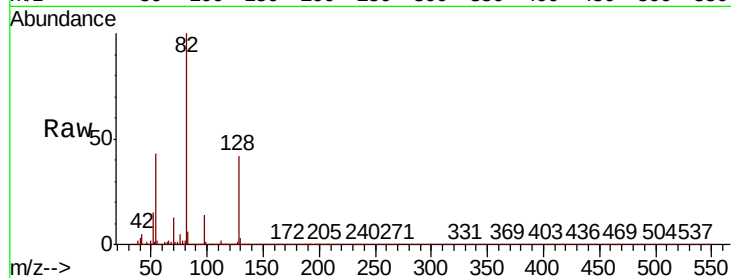




#19
n-Nitroso-di-n-propylamine
Concen: 18.919 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.21 min
Lab File: BP001008.D
Acq: 08 Nov 2019 09:16

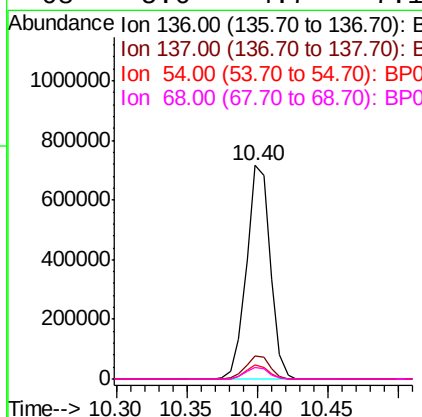
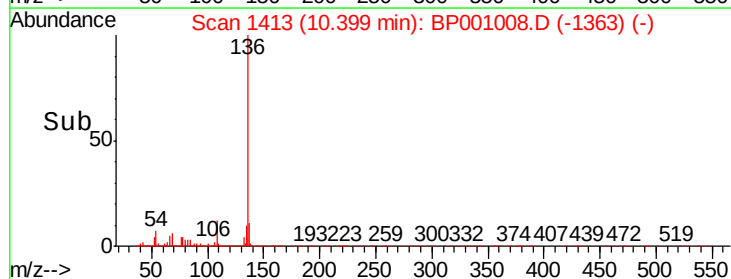
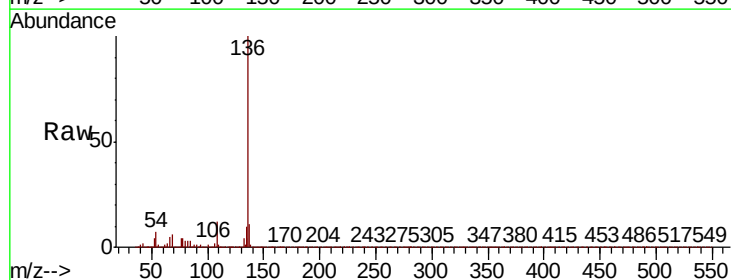
Instrument :
BNA_P
ClientSampleId :

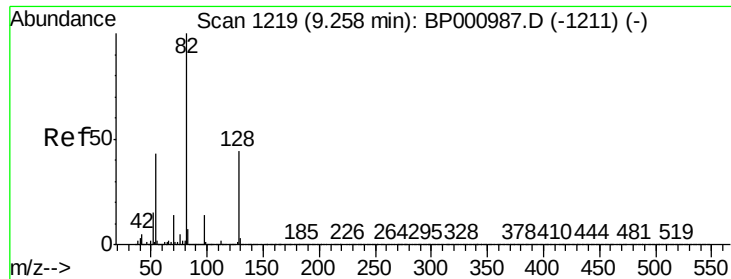
Tot Ion: 70 Resp: 176234
Ion Ratio Lower Upper
70 100
42 38.2 36.3 54.5
101 0.0 8.7 13.1#
130 1.8 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001008.D
Acq: 08 Nov 2019 09:16

Tgt Ion: 136 Resp: 842318
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.5 5.4 8.2
68 5.6 4.7 7.1

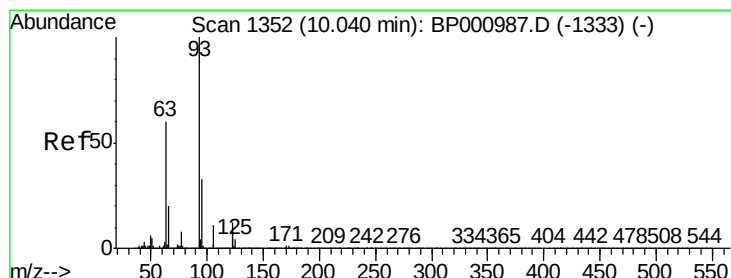
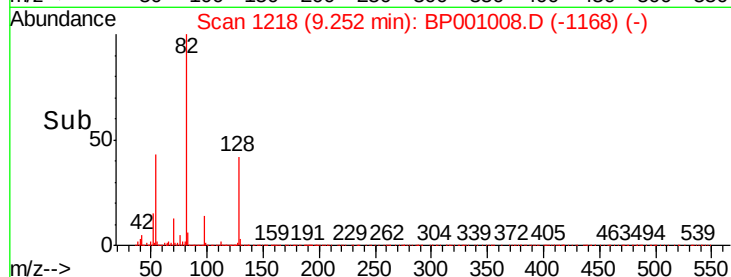
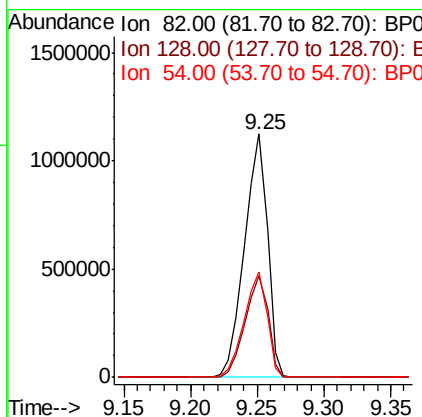
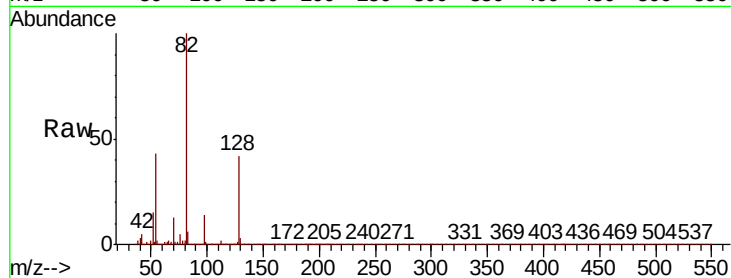




#23
 Nitrobenzene-d5
 Concen: 87.337 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BP001008.D
 Acq: 08 Nov 2019 09:16

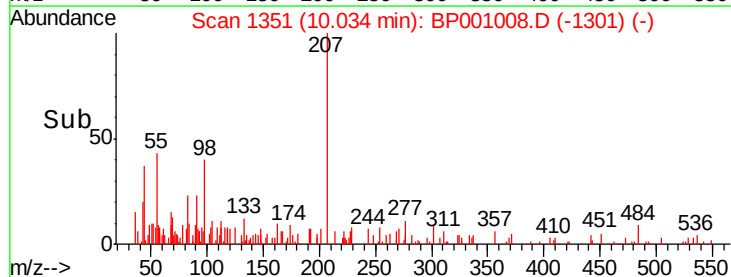
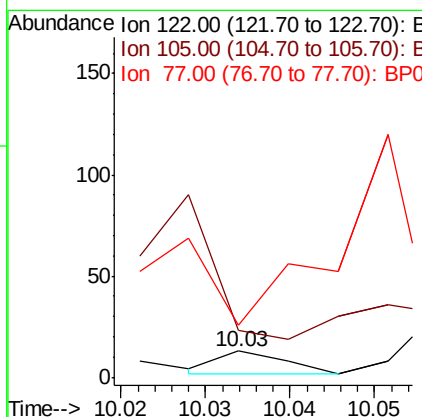
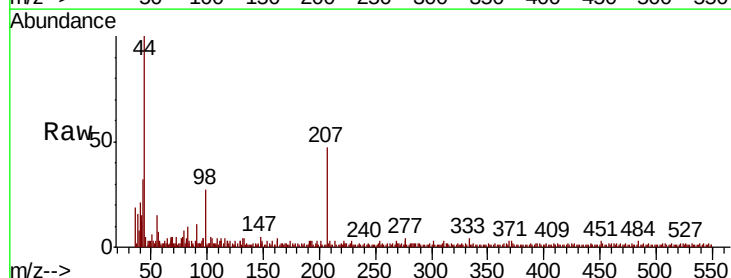
Instrument :
 BNA_P
 ClientSampled :

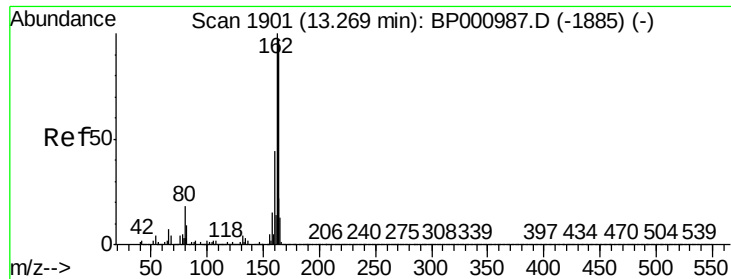
Tot Ion: 82 Resp: 1329902
 Ion Ratio Lower Upper
 82 100
 128 41.9 35.3 52.9
 54 43.0 34.3 51.5



#32
 Benzoic acid
 Concen: 7.669 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BP001008.D
 Acq: 08 Nov 2019 09:16

Tgt Ion:122 Resp: 6
 Ion Ratio Lower Upper
 122 100
 105 176.9 110.5 150.5#
 77 200.0 77.9 117.9#

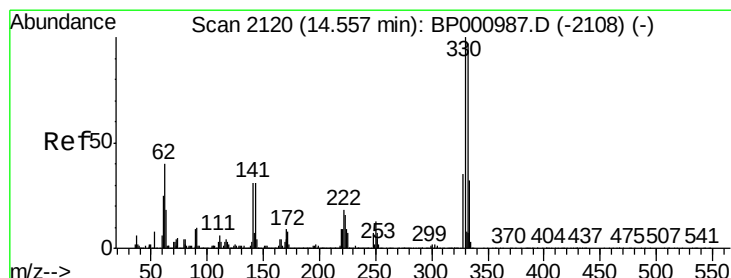
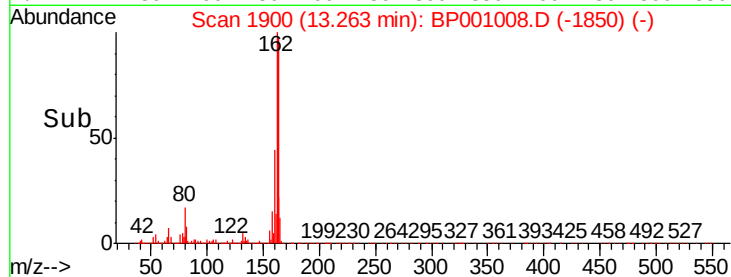
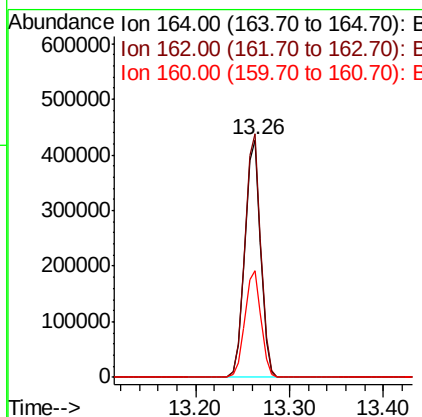
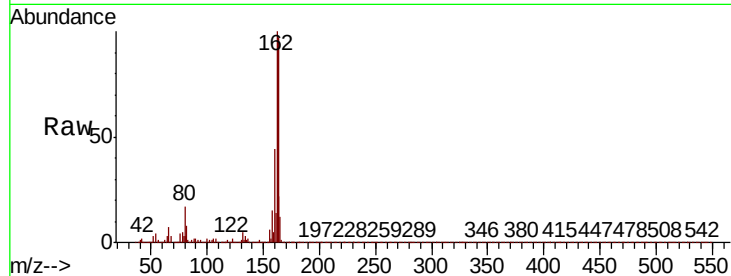




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001008.D
Acq: 08 Nov 2019 09:16

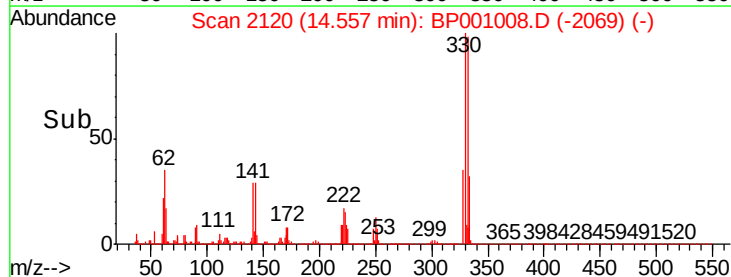
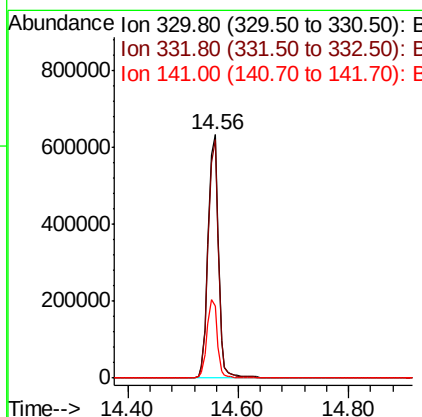
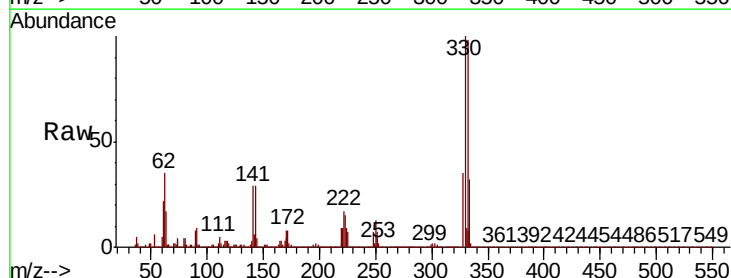
Instrument :
BNA_P
ClientSampled :

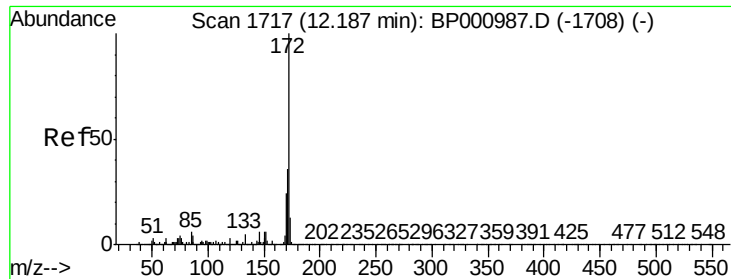
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.2	36.5	54.7



#42
2,4,6-Tribromophenol
Concen: 138.228 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP001008.D
Acq: 08 Nov 2019 09:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.3	117.5
141	31.8	25.0	37.4

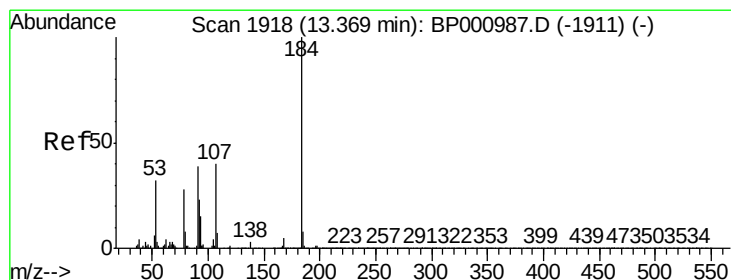
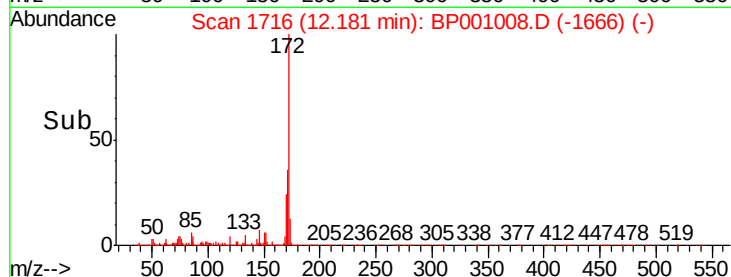
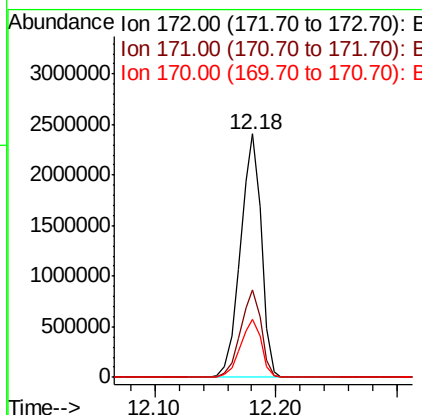
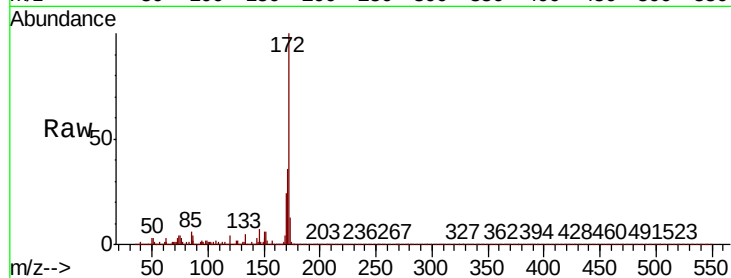




#45
2-Fluorobiphenyl
Concen: 87.856 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001008.D
Acq: 08 Nov 2019 09:16

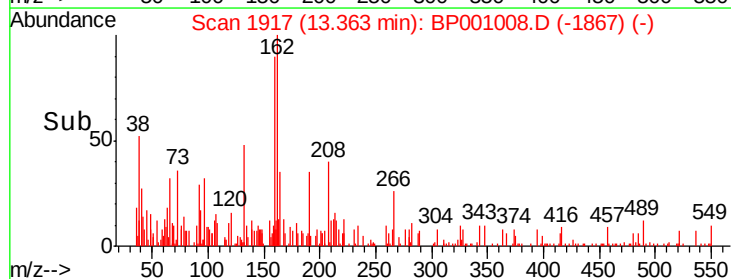
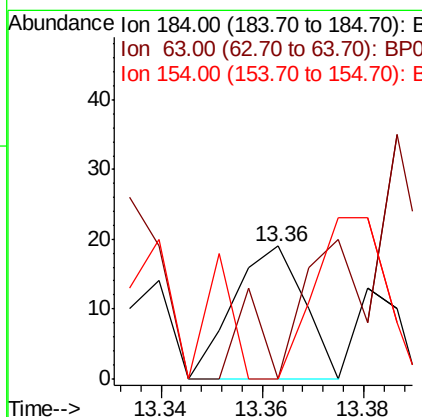
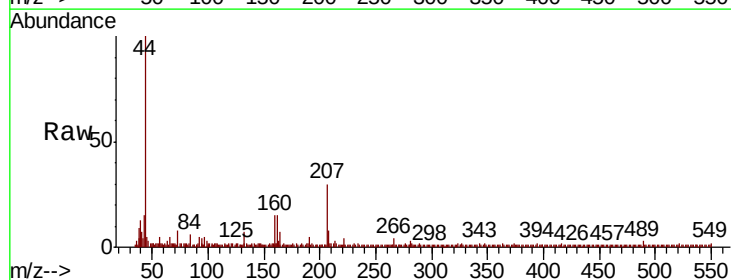
Instrument :
BNA_P
ClientSampleId :

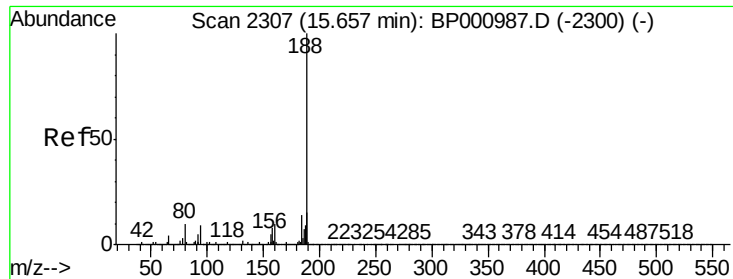
Tot Ion:172 Resp: 2891095
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.6 18.9 28.3



#54
2,4-Dinitrophenol
Concen: 8.315 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BP001008.D
Acq: 08 Nov 2019 09:16

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.6#
154 0.0 48.1 72.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BP001008.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_P

ClientSampleId :

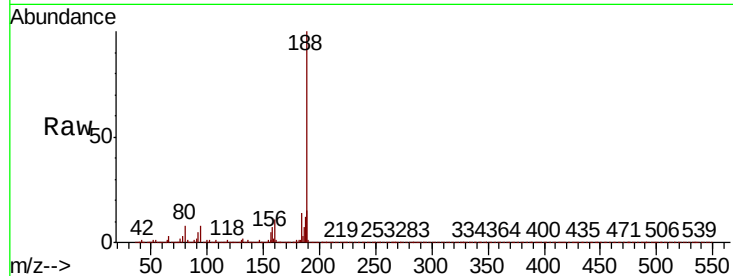
Tot Ion:188 Resp: 1049225

Ion Ratio Lower Upper

188 100

94 7.7 7.4 11.2

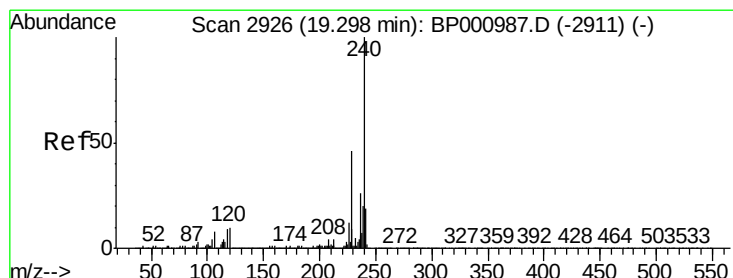
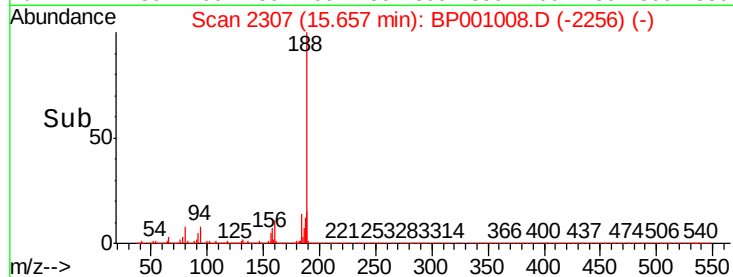
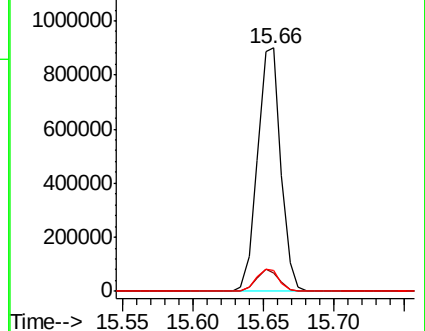
80 8.4 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.29 min Scan# 2925

Delta R.T. -0.01 min

Lab File: BP001008.D

Acq: 08 Nov 2019 09:16

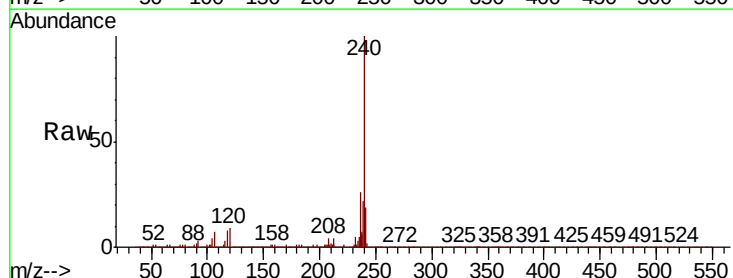
Tgt Ion:240 Resp: 954000

Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

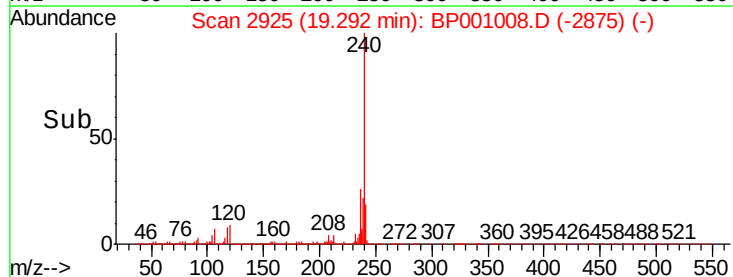
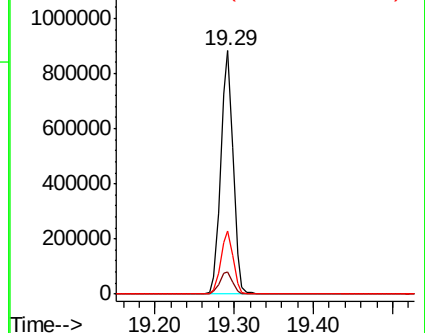
236 26.1 20.5 30.7

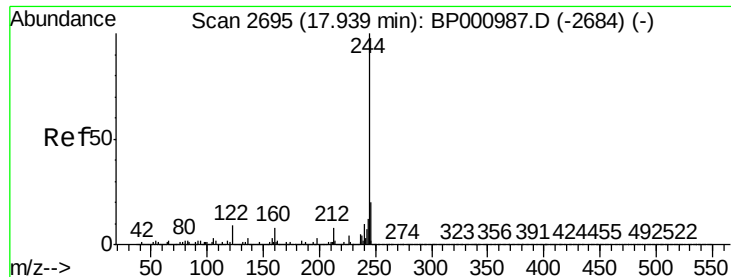


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.075 ng

RT: 17.94 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BP001008.D

Acq: 08 Nov 2019 09:16

Instrument :

BNA_P

ClientSampleId :

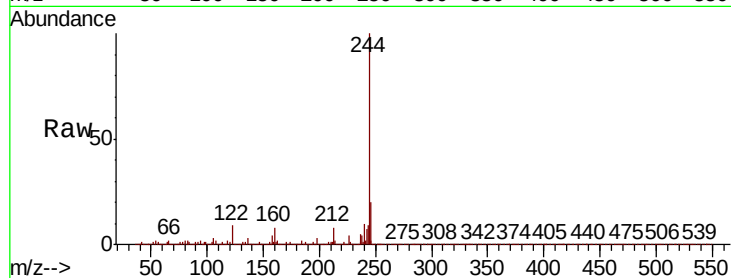
Tot Ion:244 Resp: 4176118

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

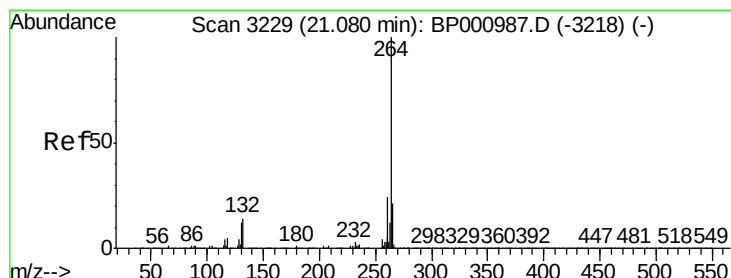
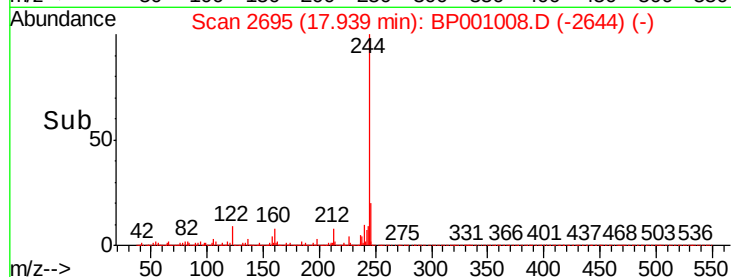
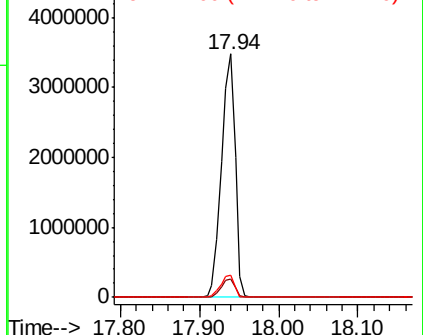
122 8.9 7.4 11.2



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: 21.07 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BP001008.D

Acq: 08 Nov 2019 09:16

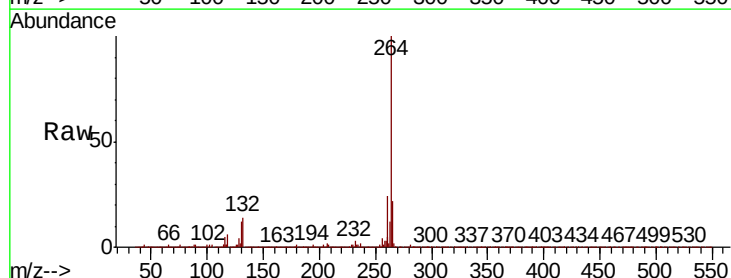
Tgt Ion:264 Resp: 1074452

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.5 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

