

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001040.D
 Acq On : 15 Nov 2019 15:16
 Operator : JU
 Sample : PB124796BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 15 16:32:47 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

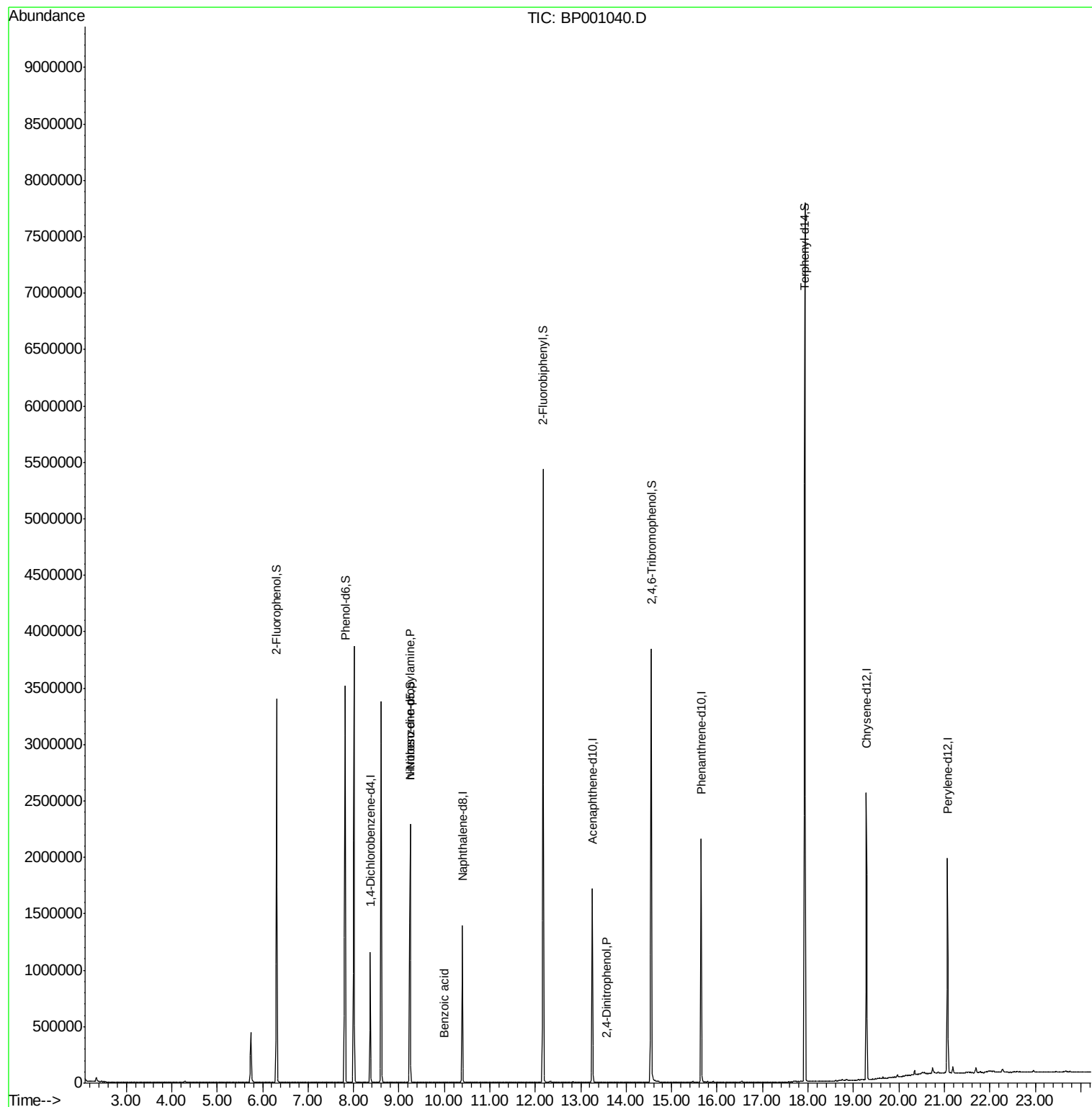
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	222372	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	805300	20.00	ng	-0.01
39) Acenaphthene-d10	13.26	164	481581	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	1030454	20.00	ng	0.00
76) Chrysene-d12	19.29	240	976065	20.00	ng	-0.01
87) Perylene-d12	21.07	264	1060293	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1248023	102.15	ng	0.01
7) Phenol-d6	7.82	99	1610210	104.23	ng	0.00
23) Nitrobenzene-d5	9.25	82	1006789	69.16	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	708183	123.18	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	2287641	71.54	ng	-0.01
79) Terphenyl-d14	17.93	244	3511054	71.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	138003	14.876	ng	Qvalue # 77
32) Benzoic acid	9.99	122	71	7.677	ng	84
54) 2,4-Dinitrophenol	13.56	184	21	8.316	ng	92

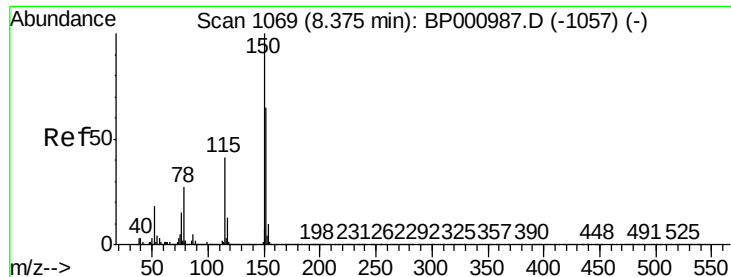
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001040.D

Acq: 15 Nov 2019 15:16

Instrument :

BNA_P

ClientSampleId :

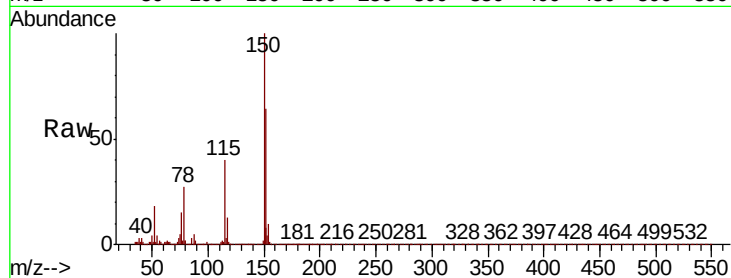
Tot Ion:152 Resp: 222372

Ion Ratio Lower Upper

152 100

150 155.0 123.6 185.4

115 62.2 50.1 75.1

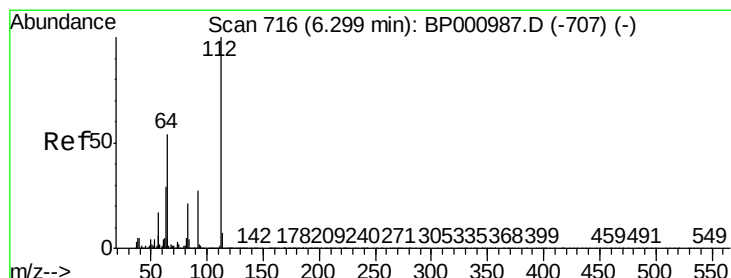
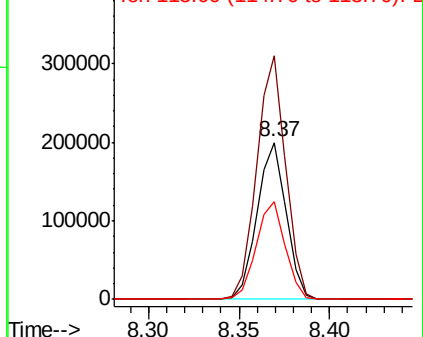
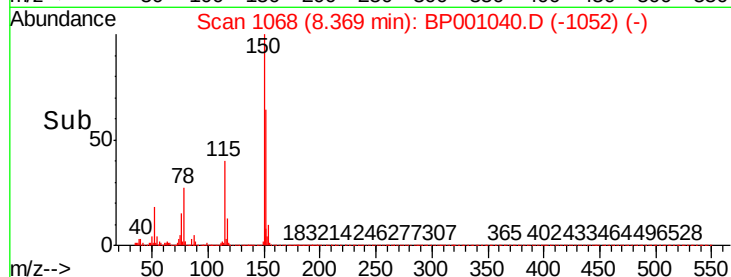


Abundance

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: 102.154 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001040.D

Acq: 15 Nov 2019 15:16

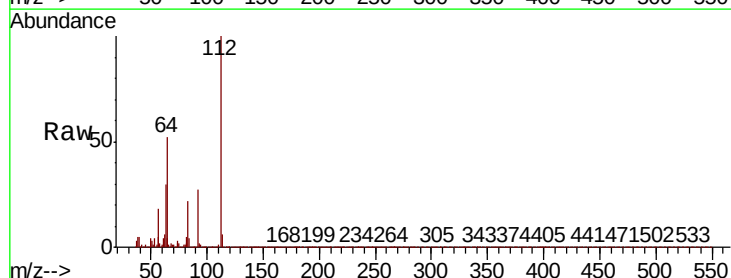
Tgt Ion:112 Resp: 1248023

Ion Ratio Lower Upper

112 100

64 51.5 43.4 65.0

63 29.7 23.4 35.0

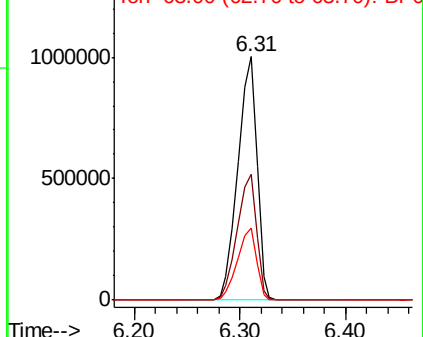
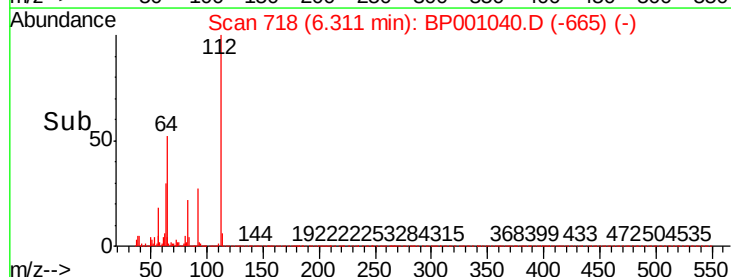


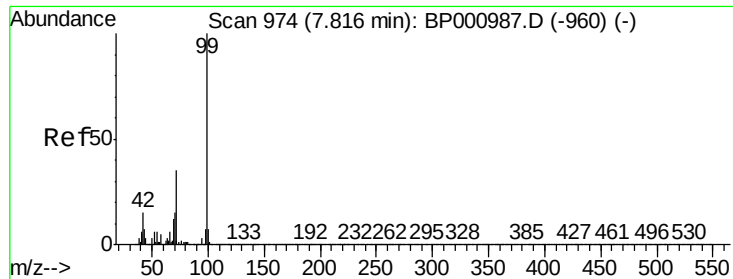
Abundance

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: 104.226 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001040.D

Acq: 15 Nov 2019 15:16

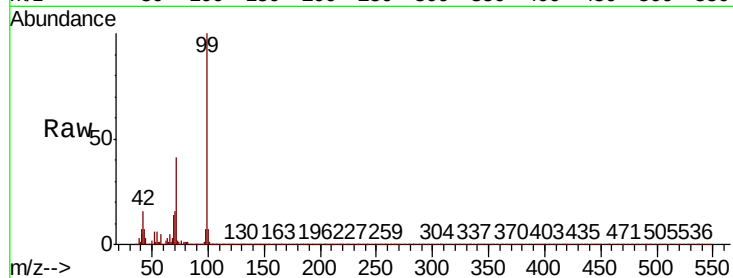
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1610210

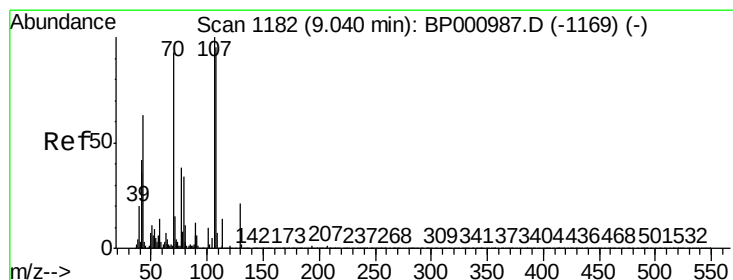
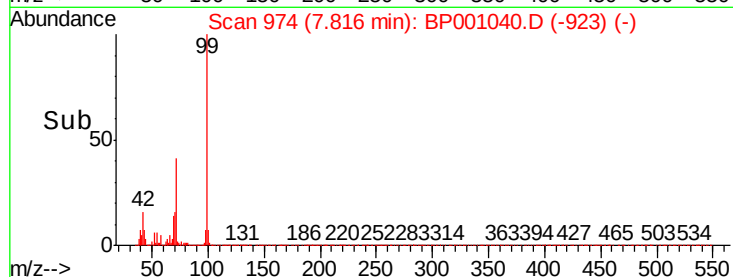
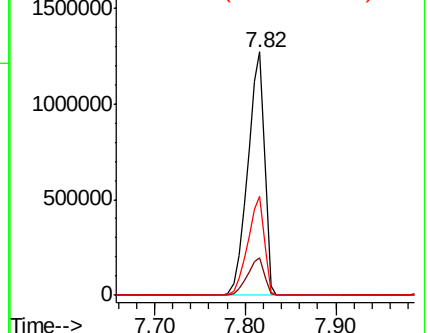
Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.6	17.4
71	40.5	28.0	42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.876 ng

RT: 9.25 min Scan# 1217

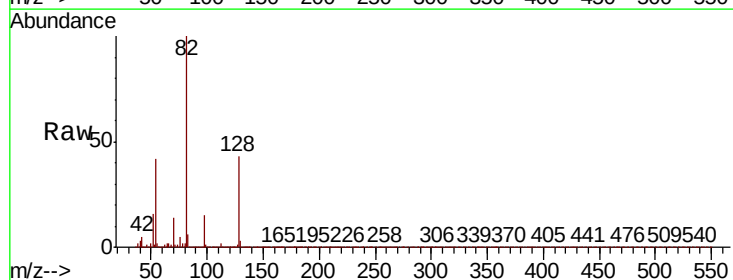
Delta R.T. 0.21 min

Lab File: BP001040.D

Acq: 15 Nov 2019 15:16

Tgt Ion: 70 Resp: 138003

Ion	Ratio	Lower	Upper
70	100		
42	37.4	36.3	54.5
101	0.0	8.7	13.1#
130	2.1	18.0	27.0#

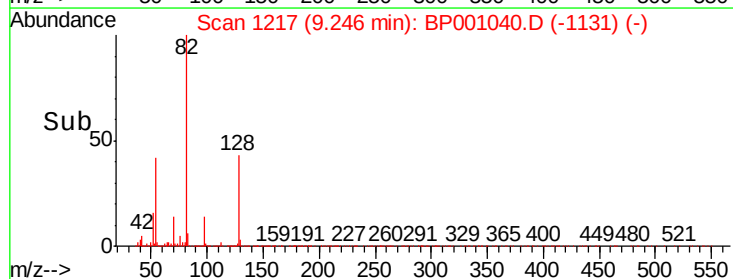
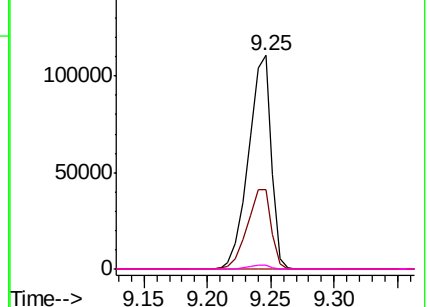


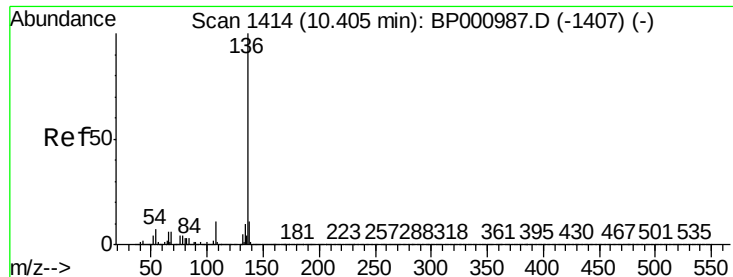
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

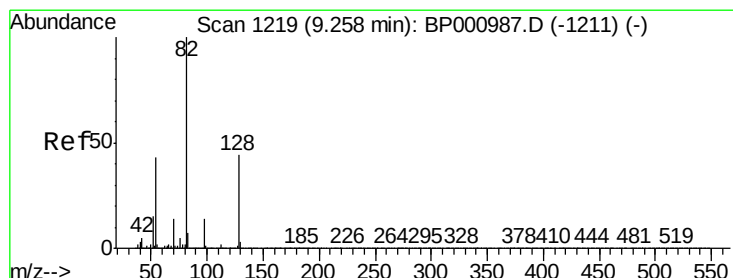
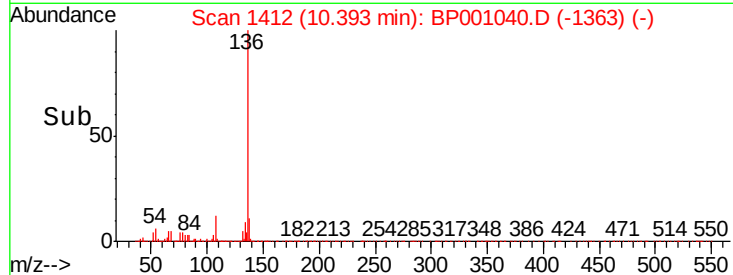
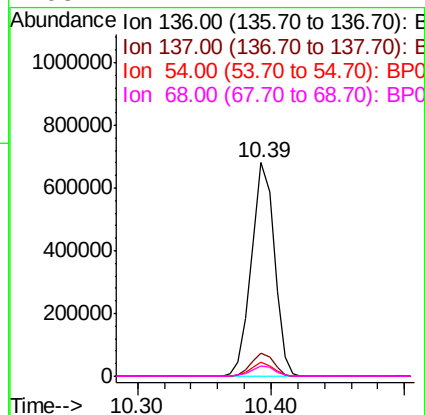
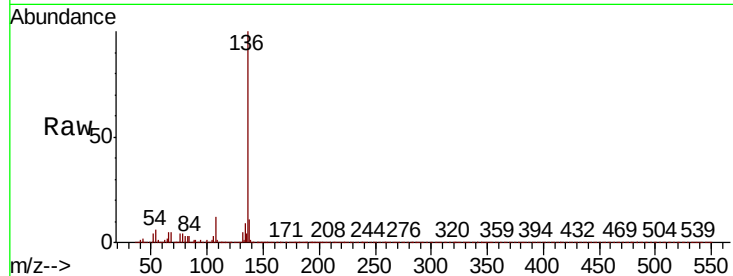




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001040.D
Acq: 15 Nov 2019 15:16

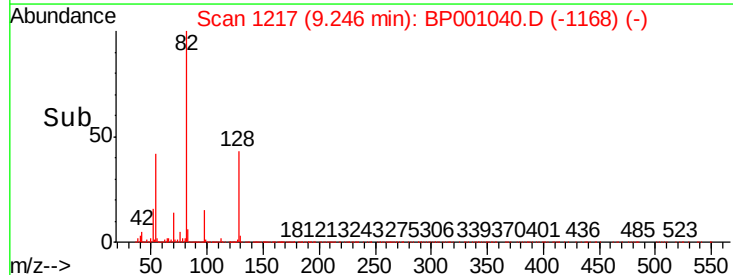
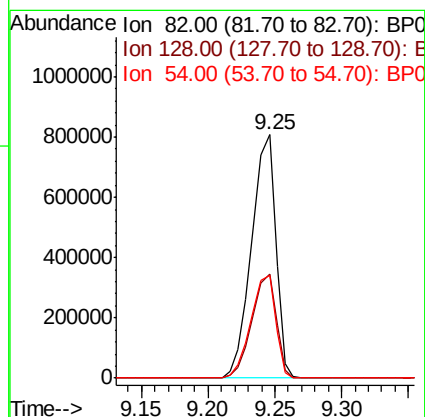
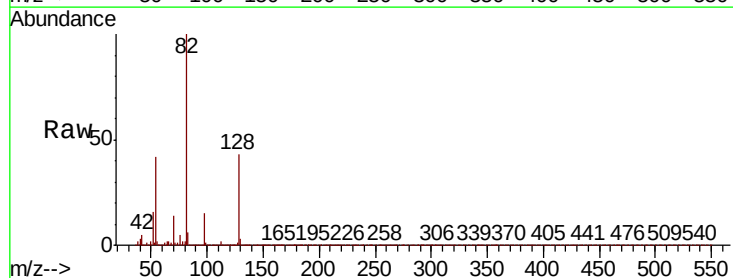
Instrument :
BNA_P
ClientSampled :

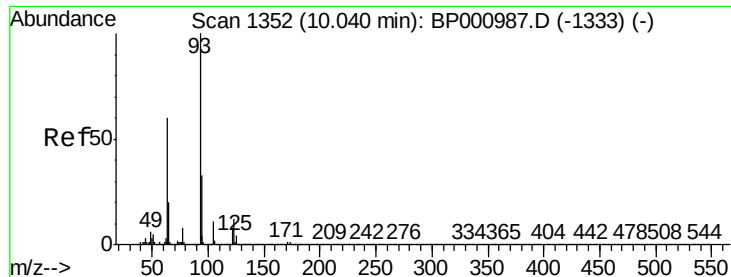
Tot Ion:136	Resp:	805300
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	6.4	5.4 8.2
68	4.7	4.7 7.1



#23
Nitrobenzene-d5
Concen: 69.157 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001040.D
Acq: 15 Nov 2019 15:16

Tgt Ion: 82	Resp:	1006789
Ion Ratio	Lower	Upper
82	100	
128	43.0	35.3 52.9
54	42.1	34.3 51.5

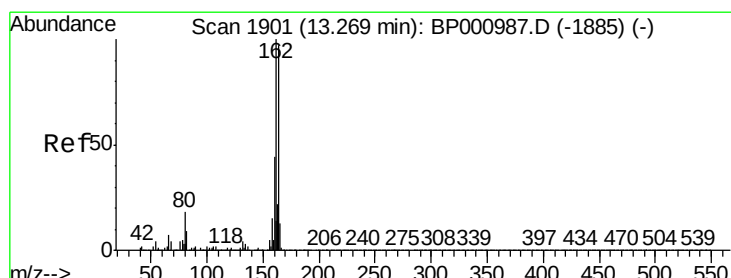
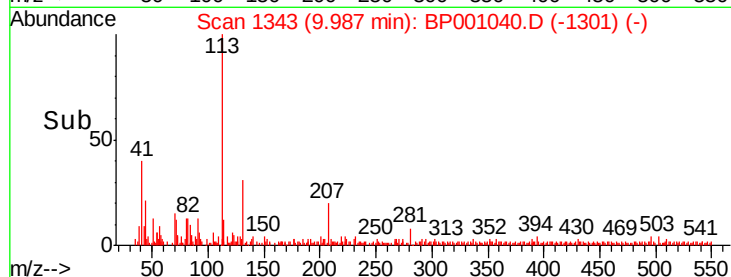
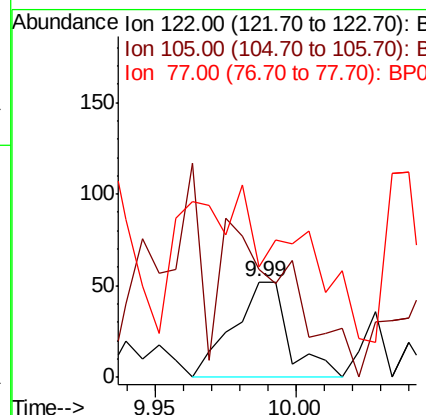
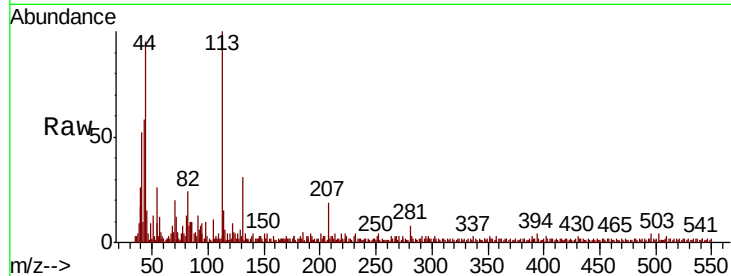




#32
Benzoic acid
Concen: 7.677 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.05 min
Lab File: BP001040.D
Acq: 15 Nov 2019 15:16

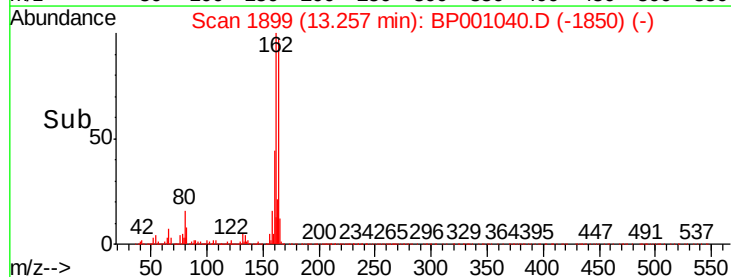
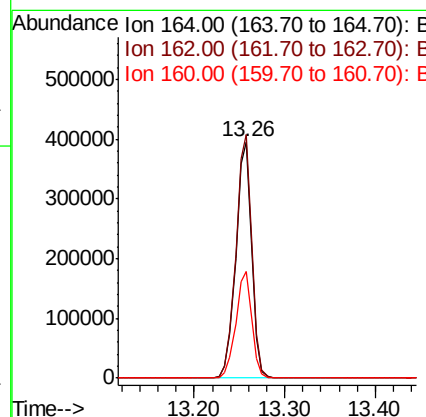
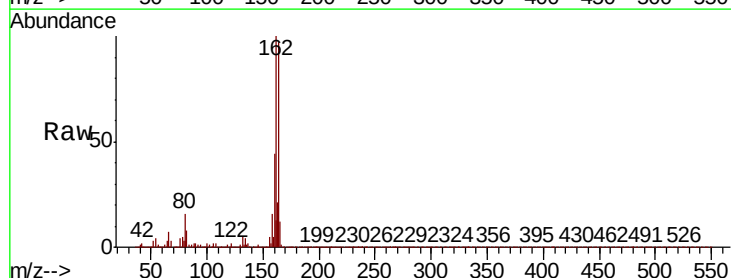
Instrument :
BNA_P
ClientSampleId :

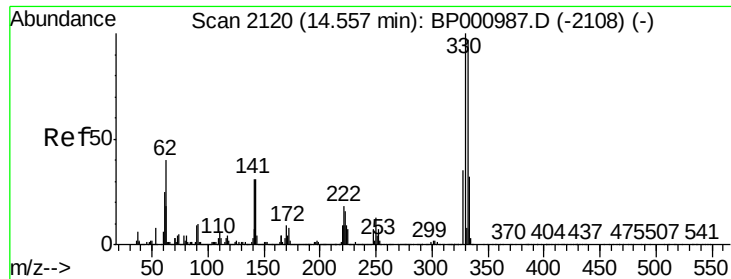
Tot Ion	Ratio	Lower	Upper
122	100		
105	113.5	110.5	150.5
77	115.4	77.9	117.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001040.D
Acq: 15 Nov 2019 15:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	45.0	36.5	54.7

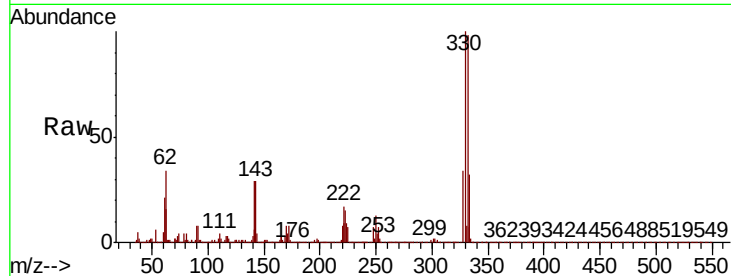




#42
2,4,6-Tribromophenol
Concen: 123.184 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001040.D
Acq: 15 Nov 2019 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.3	117.5
141	32.0	25.0	37.4

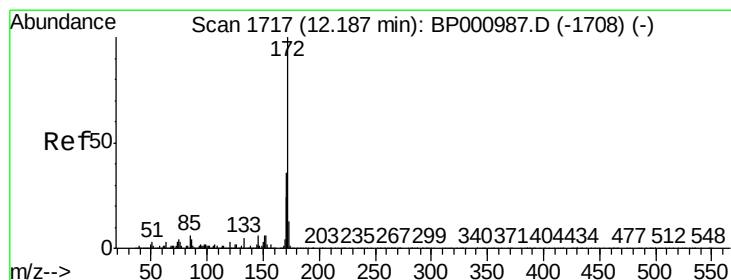
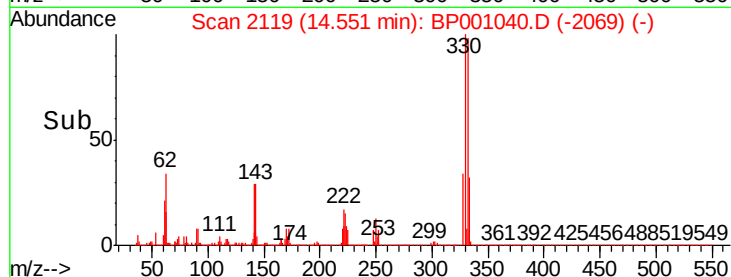
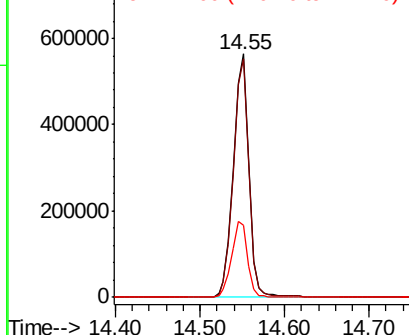


Abundance

Ion 329.80 (329.50 to 330.50): E

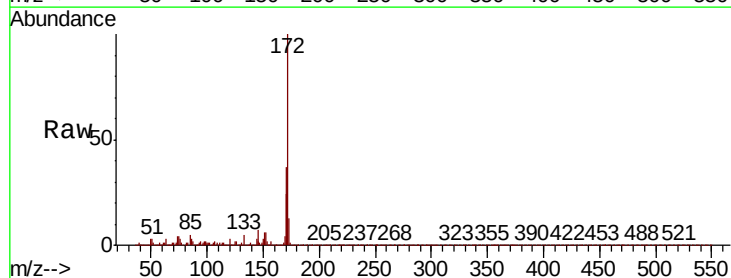
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 71.543 ng
RT: 12.18 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001040.D
Acq: 15 Nov 2019 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.5	42.7
170	23.6	18.9	28.3

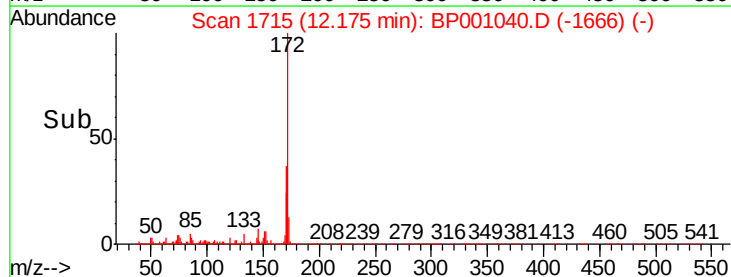
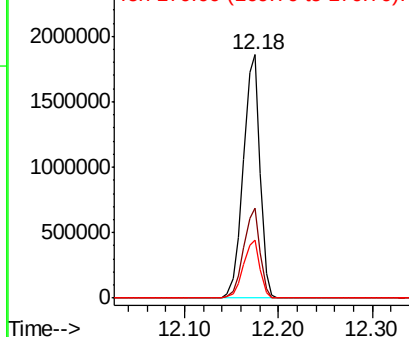


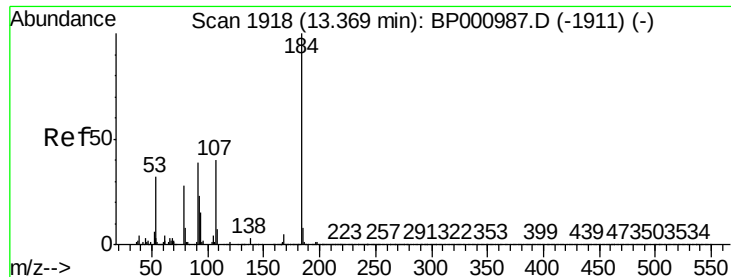
Abundance

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

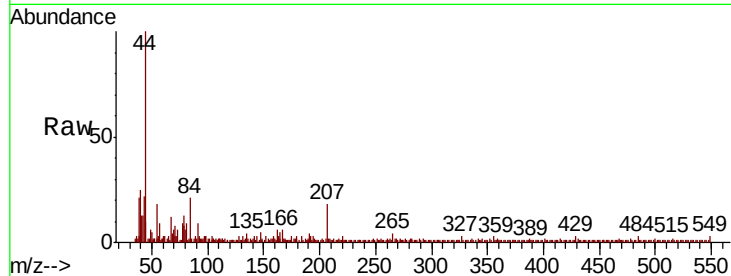




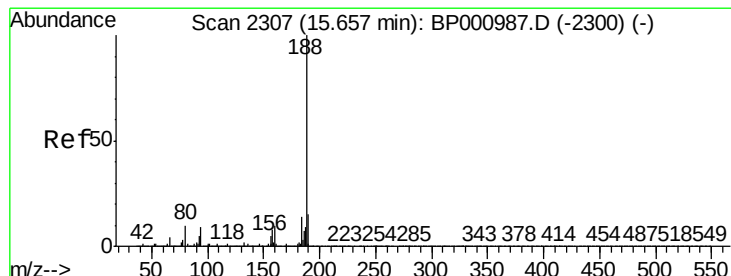
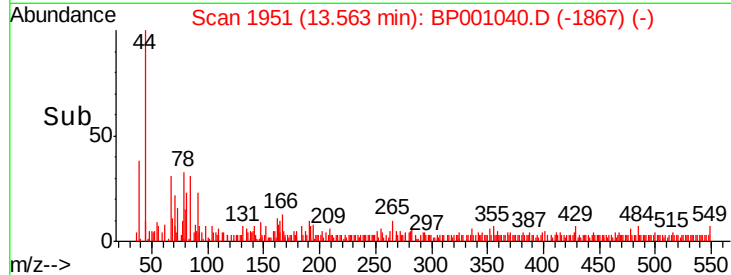
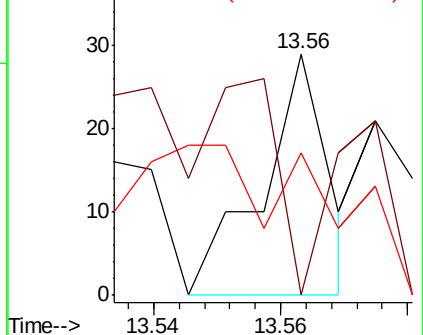
#54
2,4-Dinitrophenol
Concen: 8.316 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.19 min
Lab File: BP001040.D
Acq: 15 Nov 2019 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 41.4 41.0 61.6
154 58.6 48.1 72.1

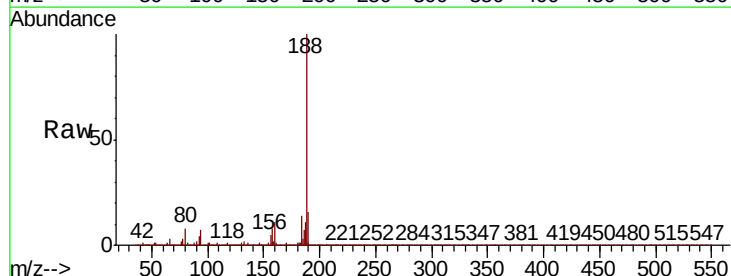


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

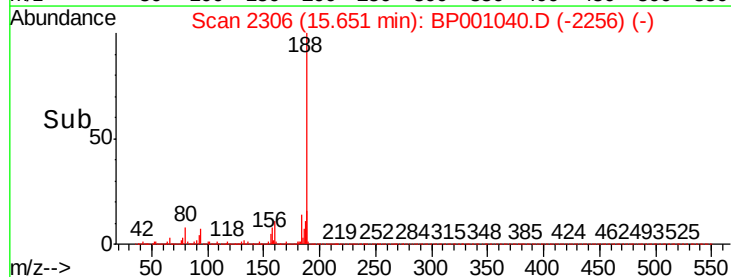
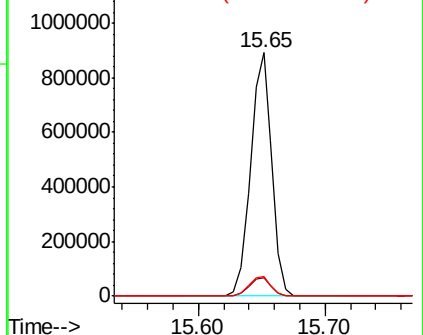


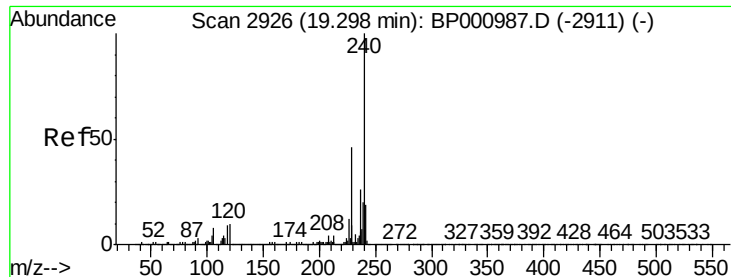
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001040.D
Acq: 15 Nov 2019 15:16

Tgt Ion:188 Resp: 1030454
Ion Ratio Lower Upper
188 100
94 7.3 7.4 11.2#
80 8.0 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

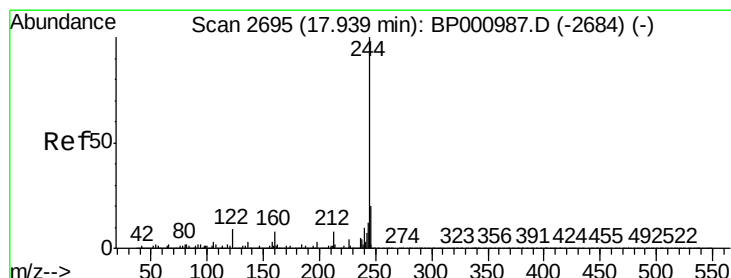
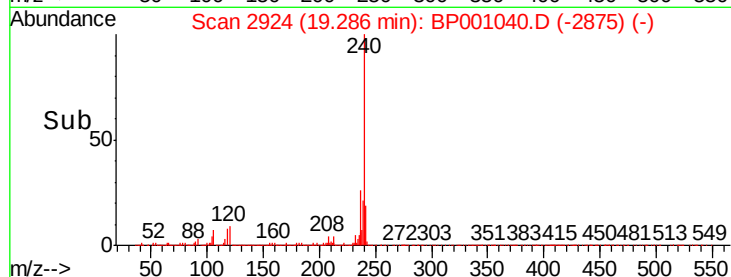
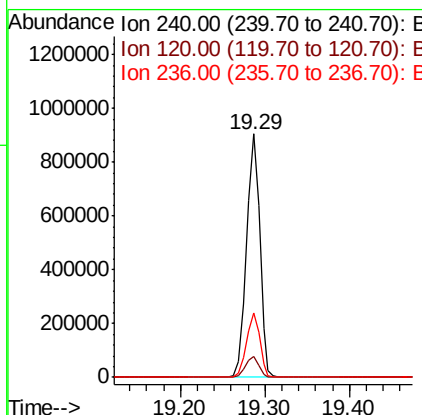
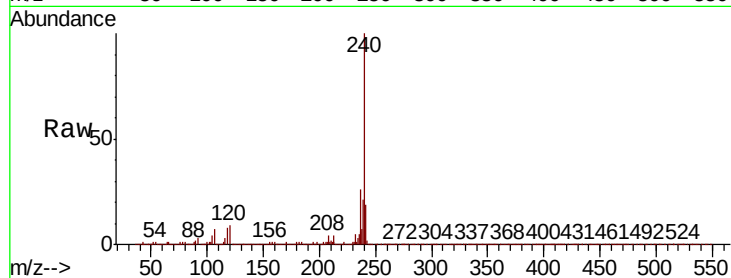




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. -0.01 min
 Lab File: BP001040.D
 Acq: 15 Nov 2019 15:16

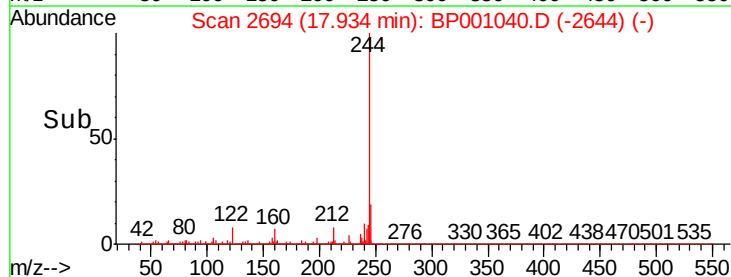
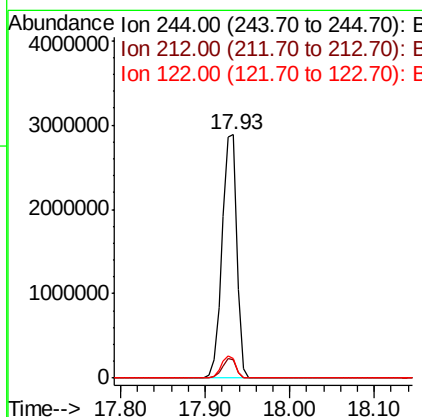
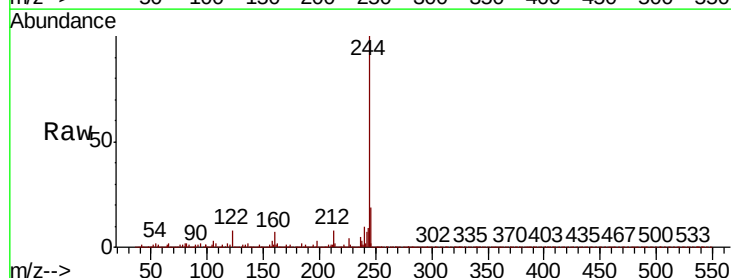
Instrument :
 BNA_P
 ClientSampleId :

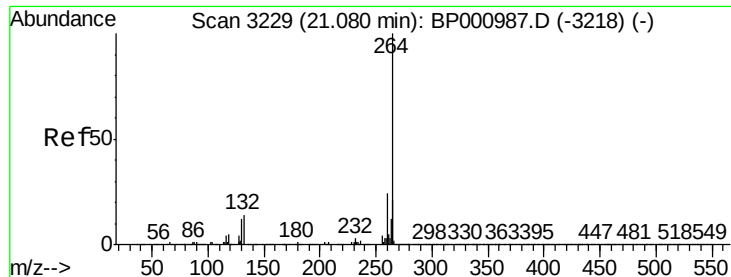
Tot Ion:240 Resp: 976065
 Ion Ratio Lower Upper
 240 100
 120 8.7 8.2 12.2
 236 26.2 20.5 30.7



#79
 Terphenyl-d14
 Concen: 71.553 ng
 RT: 17.93 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BP001040.D
 Acq: 15 Nov 2019 15:16

Tgt Ion:244 Resp: 3511054
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 7.9 7.4 11.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3227
Delta R.T. -0.01 min
Lab File: BP001040.D
Acq: 15 Nov 2019 15:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 1060293

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.2	17.1	25.7

