

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001600.D
 Acq On : 14 Jan 2020 22:21
 Operator : JU
 Sample : L1004-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 14 23:21:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

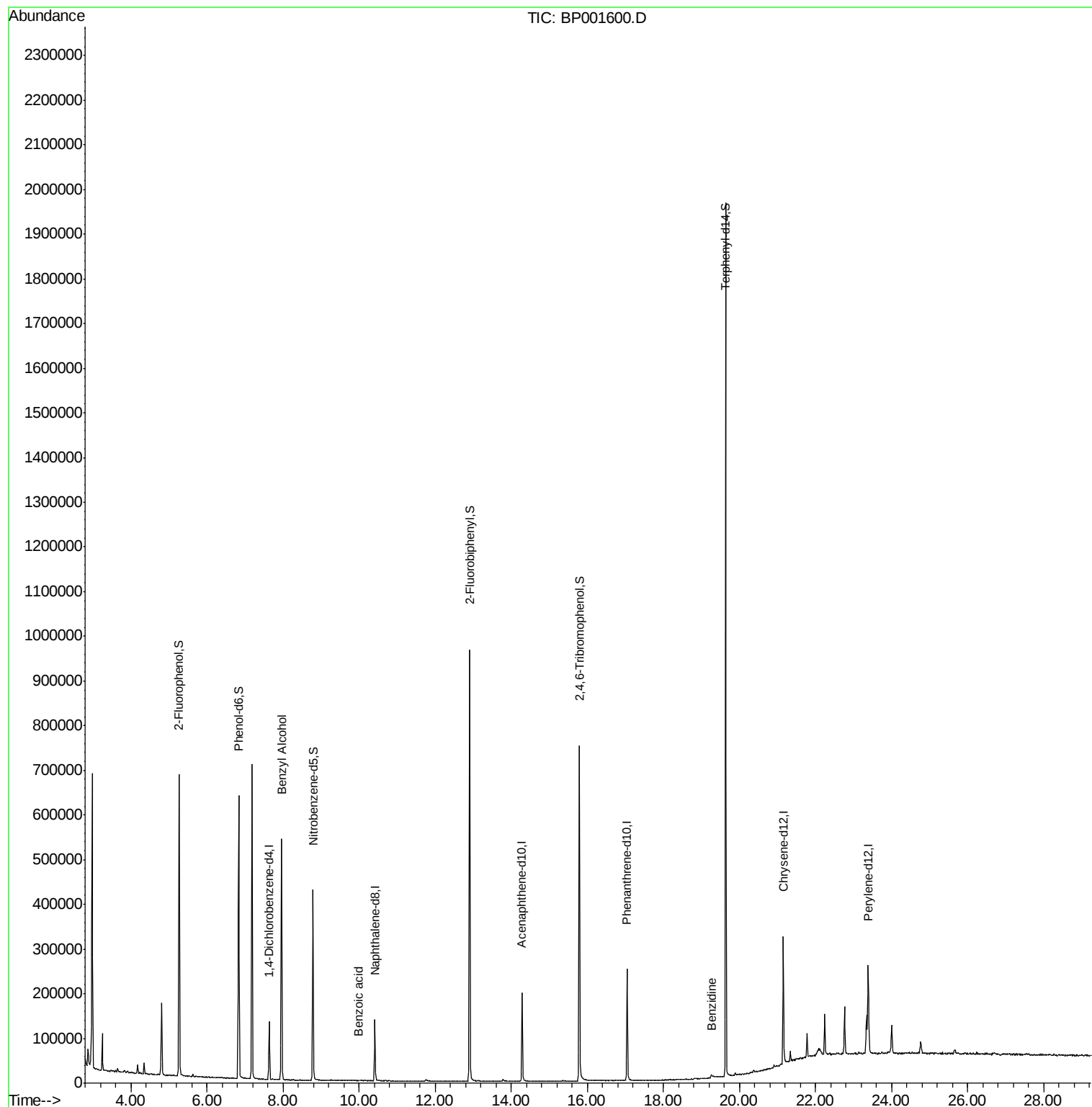
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	27214	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	95025	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	63745	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	147778	20.00	ng	0.00
76) Chrysene-d12	21.15	240	146154	20.00	ng	-0.01
87) Perylene-d12	23.38	264	154813	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	210401	151.45	ng	0.00
7) Phenol-d6	6.83	99	263286	118.58	ng	0.00
23) Nitrobenzene-d5	8.78	82	209483	96.33	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	122094	125.83	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	448015	103.33	ng	0.00
79) Terphenyl-d14	19.63	244	821659	102.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.95	79	4535	2.169	ng	Qvalue # 49
32) Benzoic acid	9.96	122	21	4.720	ng	90
77) Benzidine	19.26	184	12569	3.766	ng	# 95

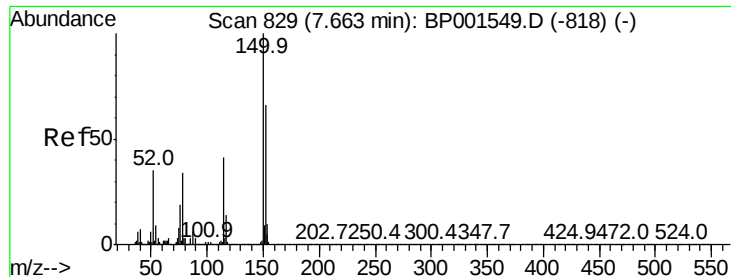
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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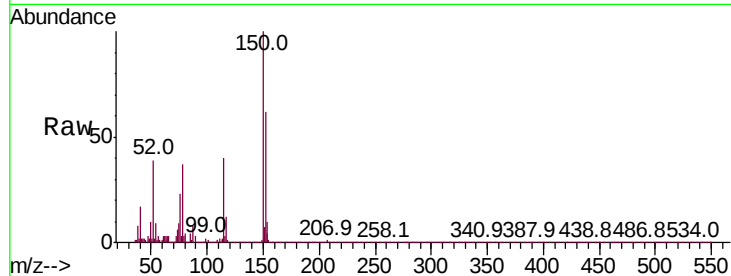


#1

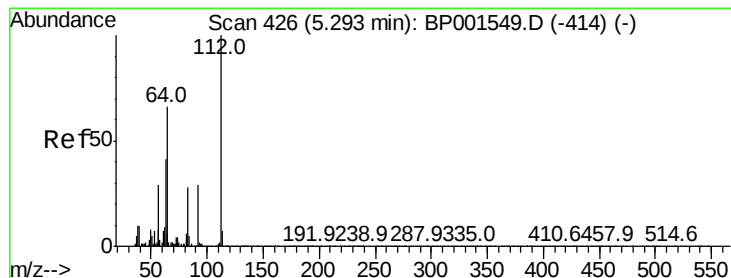
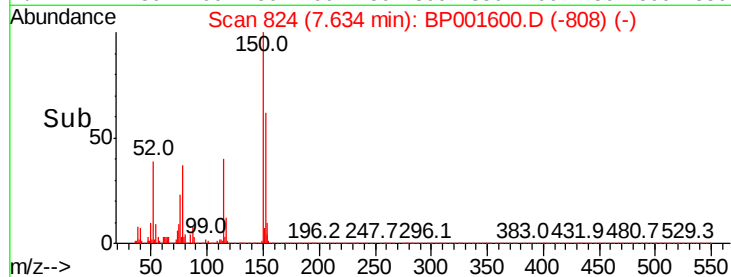
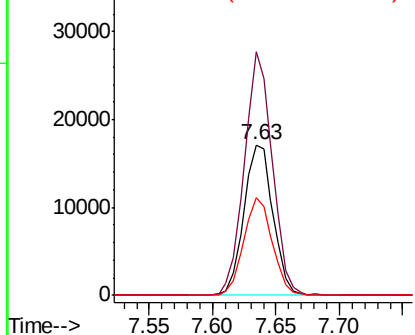
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001600.D
Acq: 14 Jan 2020 22:21

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 27214
Ion Ratio Lower Upper
152 100
150 161.9 122.0 183.0
115 65.0 50.7 76.1



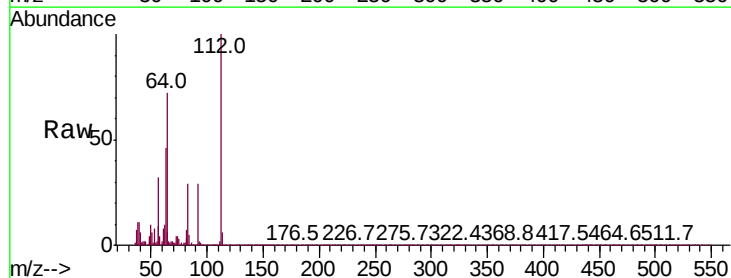
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



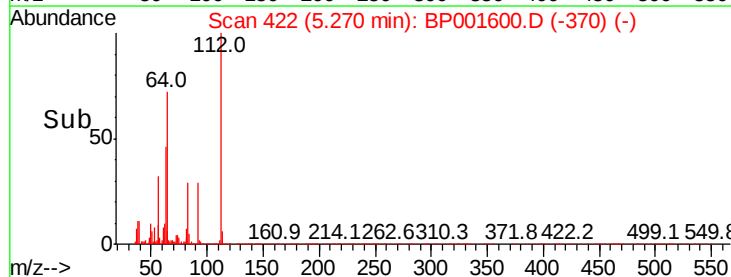
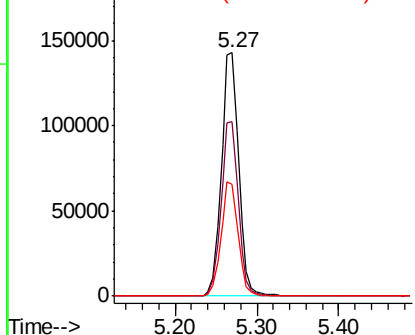
#5

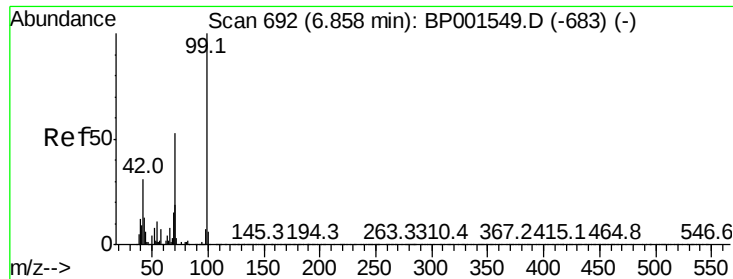
2-Fluorophenol
Concen: 151.449 ng
RT: 5.27 min Scan# 422
Delta R.T. 0.01 min
Lab File: BP001600.D
Acq: 14 Jan 2020 22:21

Tgt Ion:112 Resp: 210401
Ion Ratio Lower Upper
112 100
64 71.8 52.8 79.2
63 46.0 33.1 49.7



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: 118.582 ng

RT: 6.83 min Scan# 688

Delta R.T. 0.00 min

Lab File: BP001600.D

Acq: 14 Jan 2020 22:21

Instrument :

BNA_P

ClientSampleId :

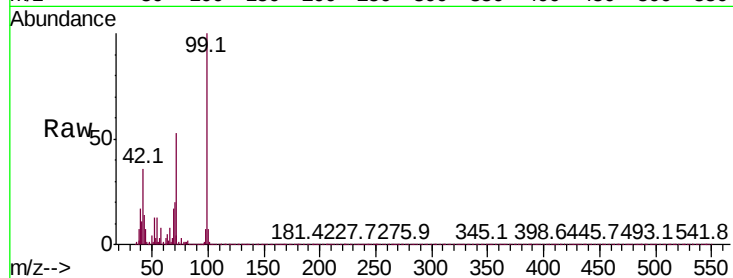
Tot Ion: 99 Resp: 263286

Ion Ratio Lower Upper

99 100

42 35.5 24.5 36.7

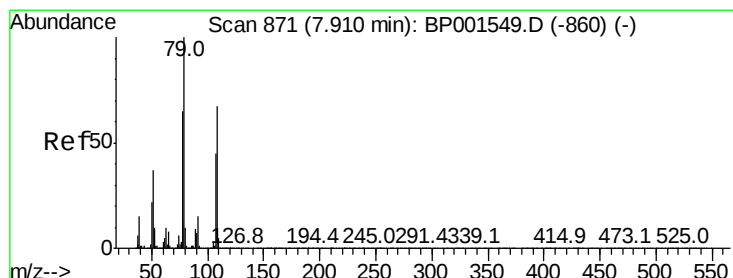
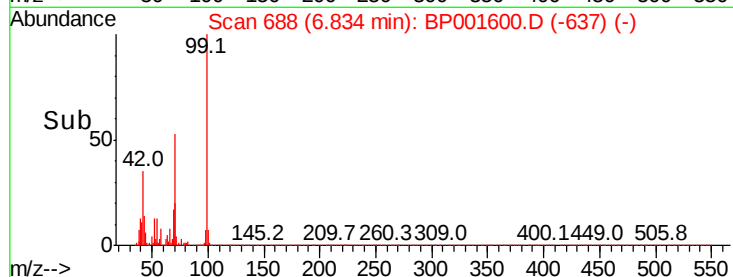
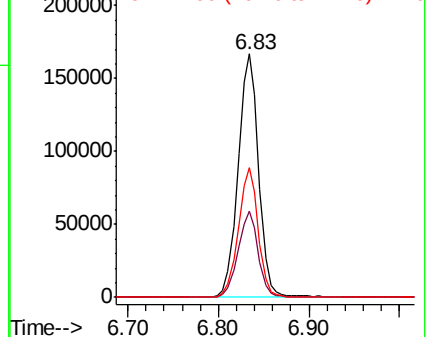
71 53.2 42.4 63.6



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: 2.169 ng

RT: 7.95 min Scan# 878

Delta R.T. 0.07 min

Lab File: BP001600.D

Acq: 14 Jan 2020 22:21

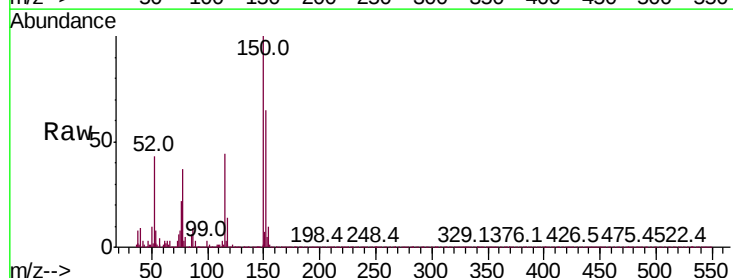
Tgt Ion: 79 Resp: 4535

Ion Ratio Lower Upper

79 100

108 46.4 53.2 79.8#

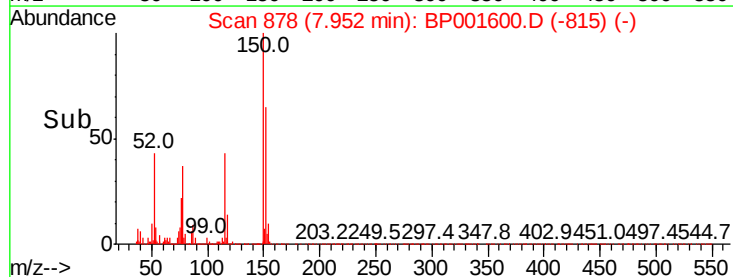
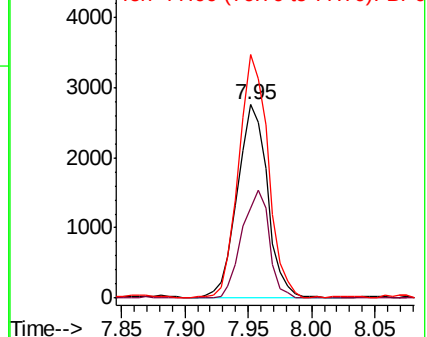
77 126.1 52.1 78.1#

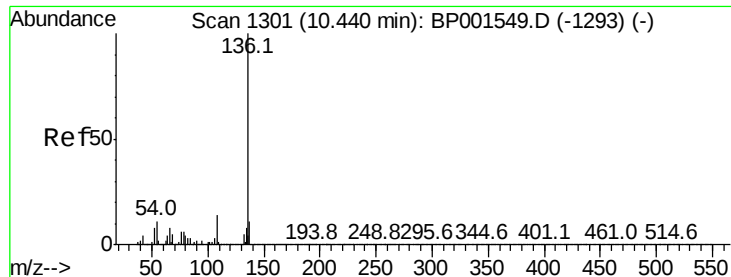


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

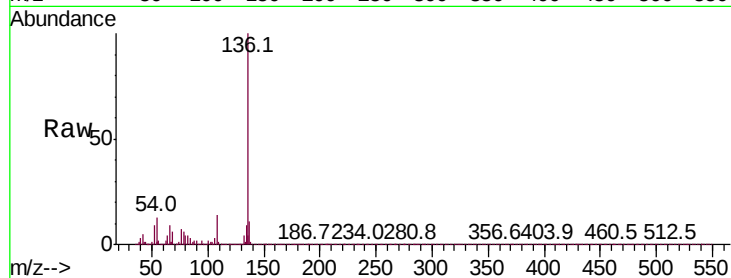




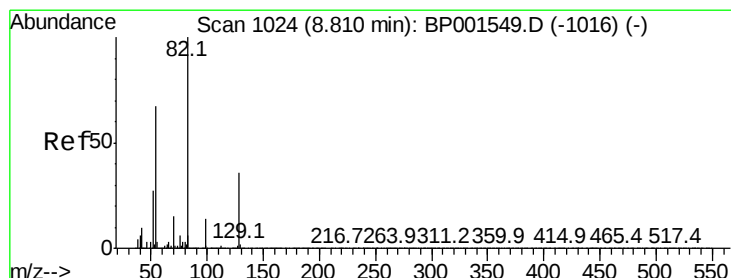
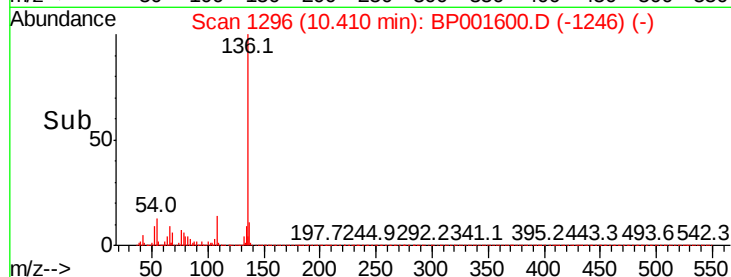
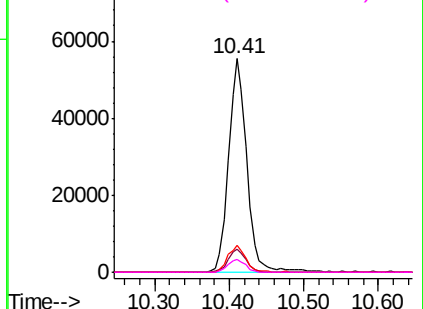
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001600.D
Acq: 14 Jan 2020 22:21

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	95025
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.6 12.8
54	12.5	9.2 13.8
68	5.8	4.1 6.1

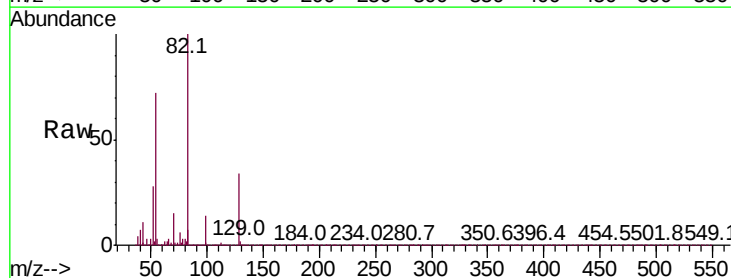


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

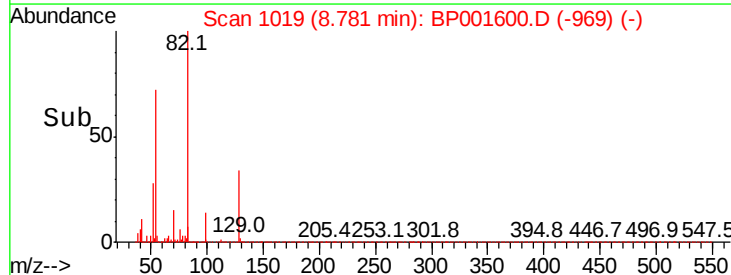
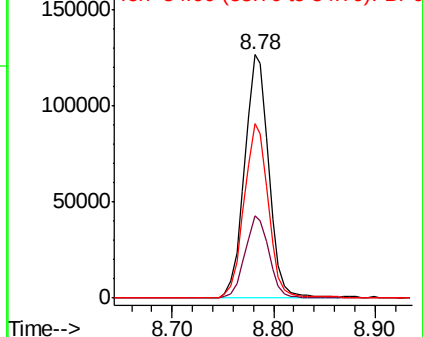


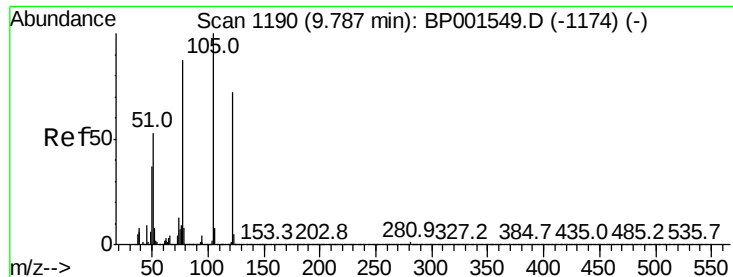
#23
Nitrobenzene-d5
Concen: 96.331 ng
RT: 8.78 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BP001600.D
Acq: 14 Jan 2020 22:21

Tgt Ion: 82	Resp:	209483
Ion	Ratio	Lower Upper
82	100	
128	33.8	28.4 42.6
54	71.9	53.4 80.2



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

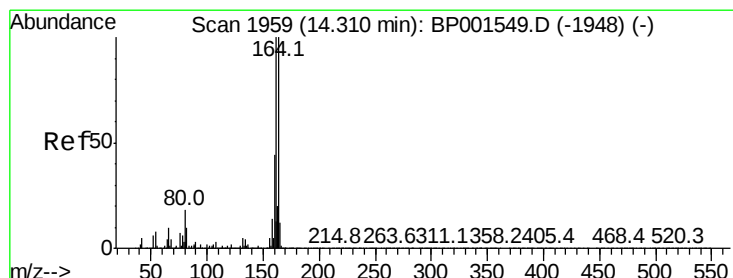
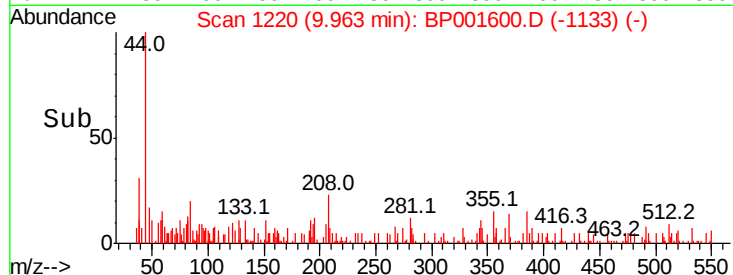
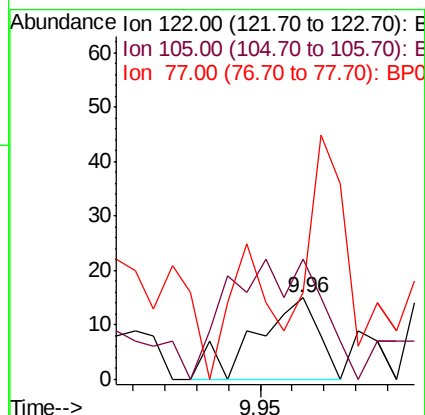
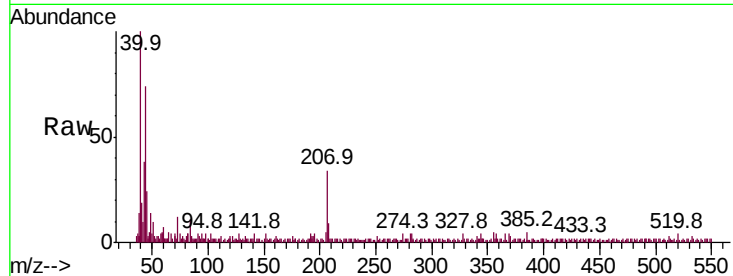




#32
Benzoic acid
Concen: 4.720 ng
RT: 9.96 min Scan# 1220
Delta R.T. 0.21 min
Lab File: BP001600.D
Acq: 14 Jan 2020 22:21

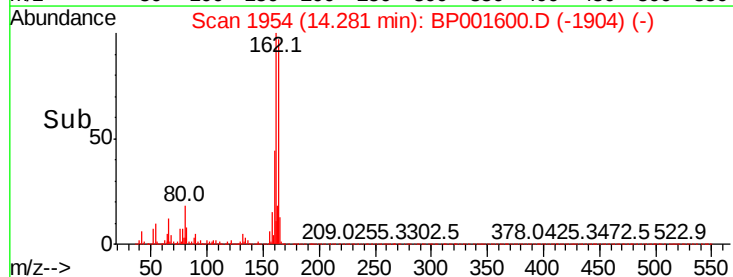
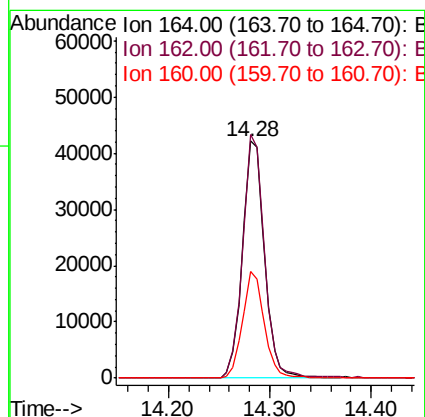
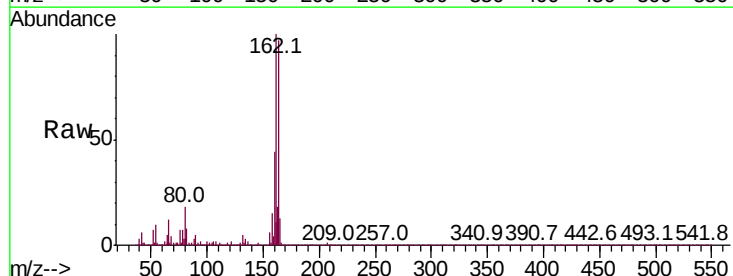
Instrument :
BNA_P
ClientSampleId :

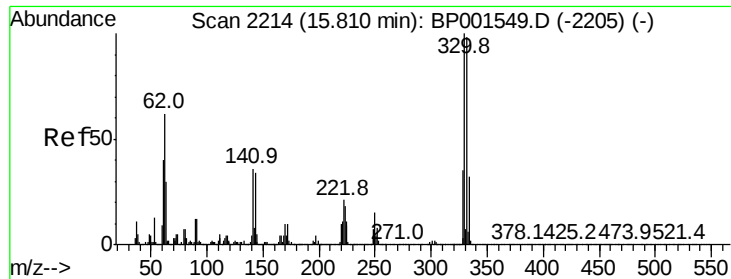
Tot Ion	Ratio	Lower	Upper
122	100		
105	146.7	119.5	159.5
77	106.7	102.8	142.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001600.D
Acq: 14 Jan 2020 22:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	79.8	119.6
160	45.3	35.0	52.6

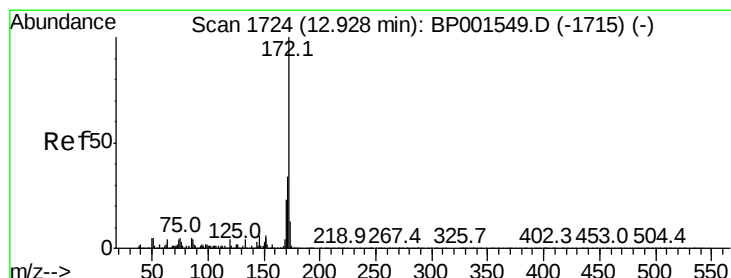
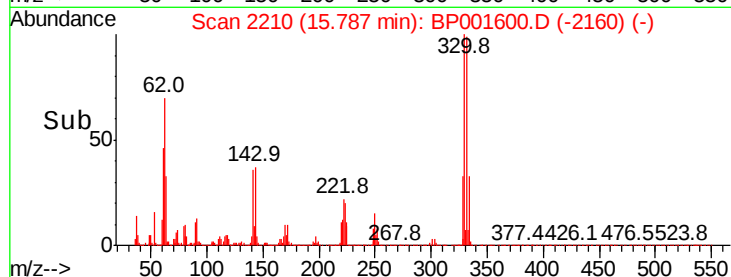
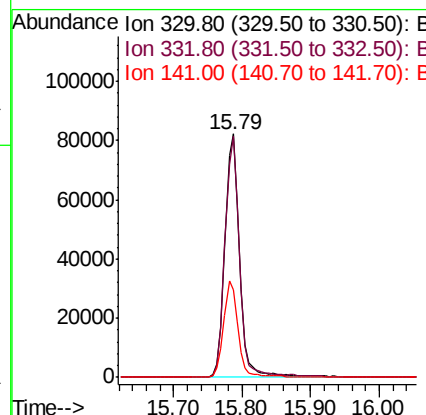
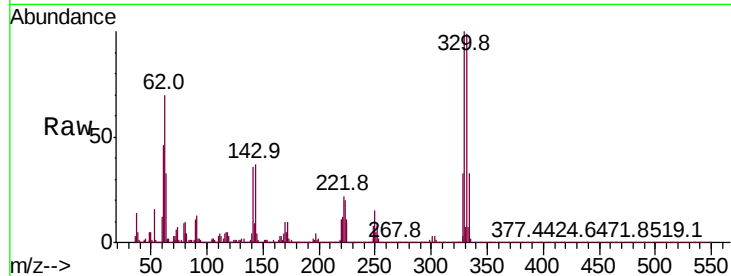




#42
 2,4,6-Tribromophenol
 Concen: 125.828 ng
 RT: 15.79 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BP001600.D
 Acq: 14 Jan 2020 22:21

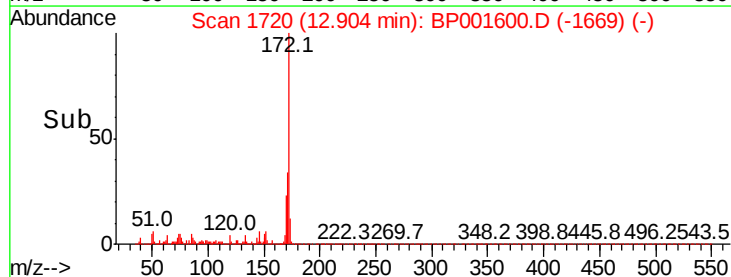
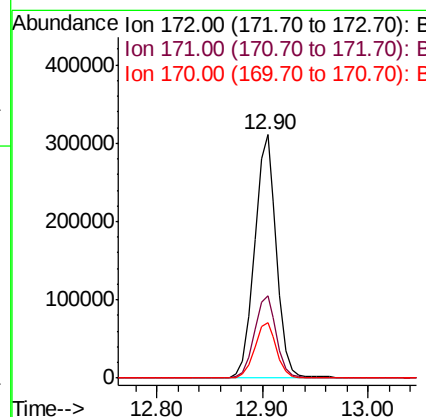
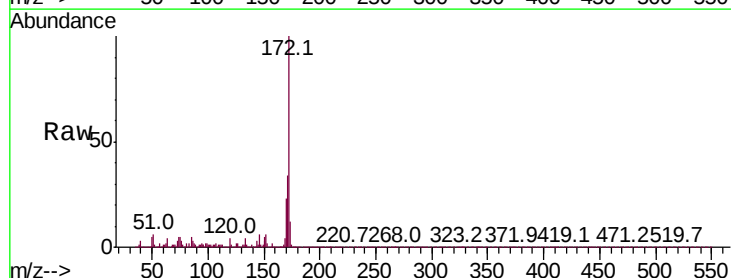
Instrument :
 BNA_P
 ClientSampled :

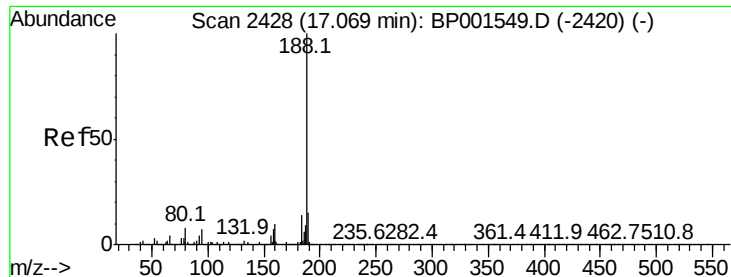
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	39.1	28.7	43.1



#45
 2-Fluorobiphenyl
 Concen: 103.334 ng
 RT: 12.90 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BP001600.D
 Acq: 14 Jan 2020 22:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.6	41.4
170	22.9	18.3	27.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP001600.D

Acq: 14 Jan 2020 22:21

Instrument :

BNA_P

ClientSampleId :

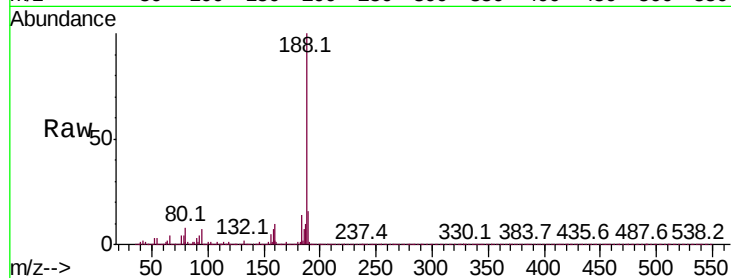
Tot Ion:188 Resp: 147778

Ion Ratio Lower Upper

188 100

94 6.7 5.9 8.9

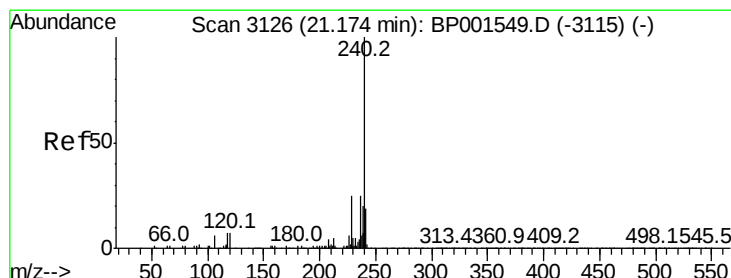
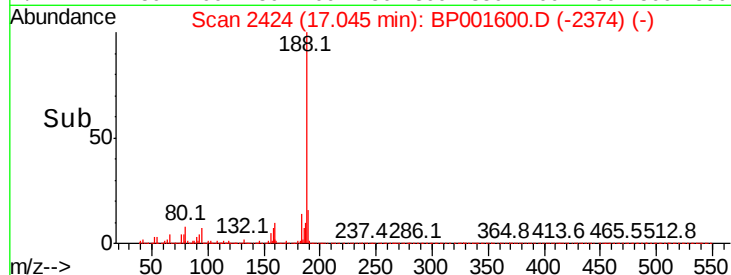
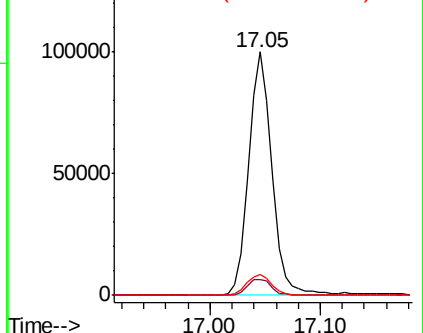
80 8.5 6.8 10.2



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: 21.15 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BP001600.D

Acq: 14 Jan 2020 22:21

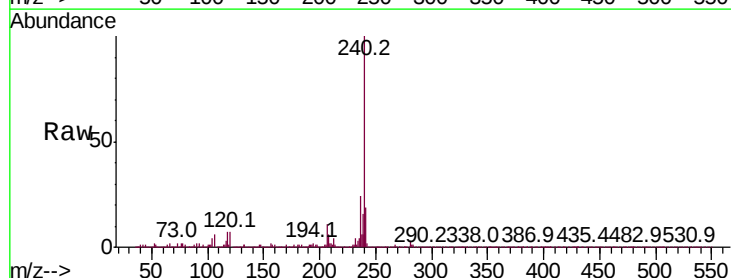
Tgt Ion:240 Resp: 146154

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

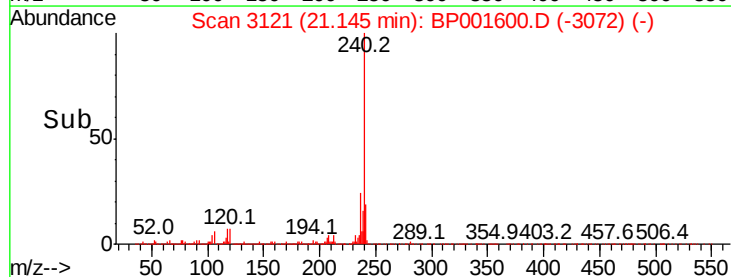
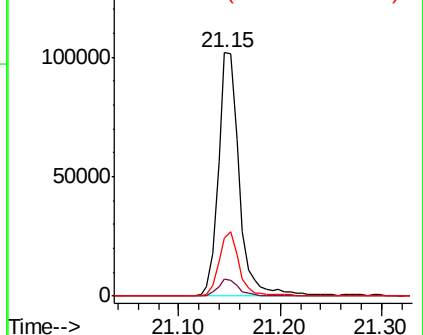
236 23.9 20.4 30.6

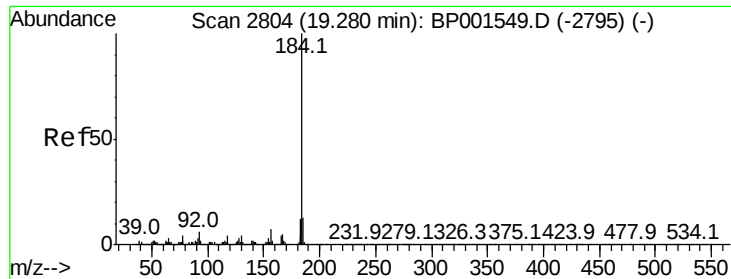


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.766 ng

RT: 19.26 min Scan# 2801

Delta R.T. 0.00 min

Lab File: BP001600.D

Acq: 14 Jan 2020 22:21

Instrument :

BNA_P

ClientSampleId :

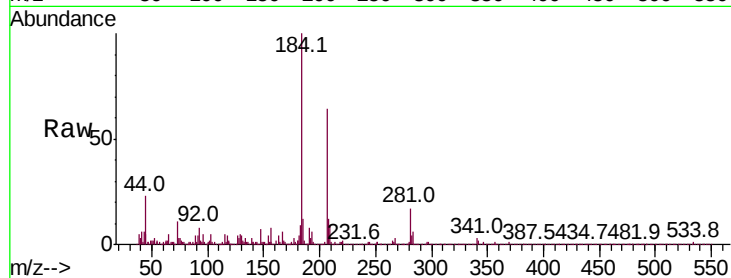
Tot Ion:184 Resp: 12569

Ion Ratio Lower Upper

184 100

185 12.0 10.6 16.0

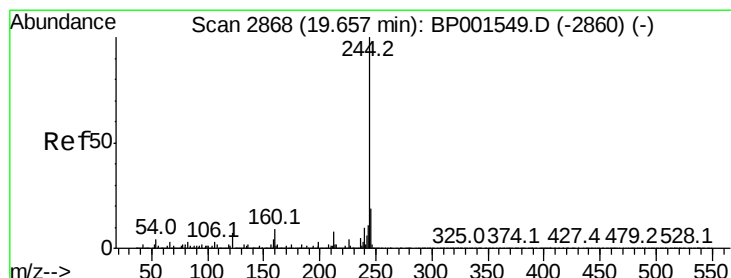
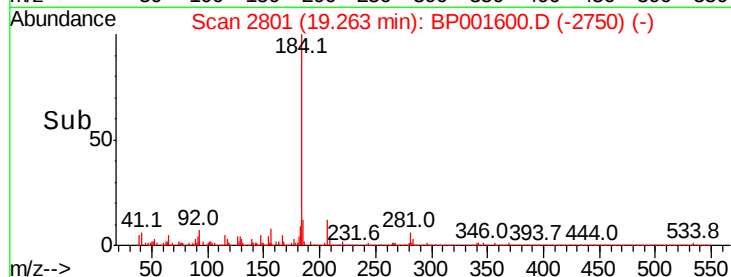
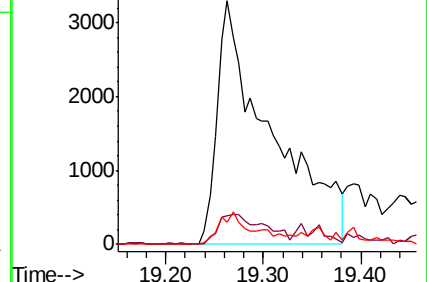
183 9.1 9.4 14.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 102.826 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001600.D

Acq: 14 Jan 2020 22:21

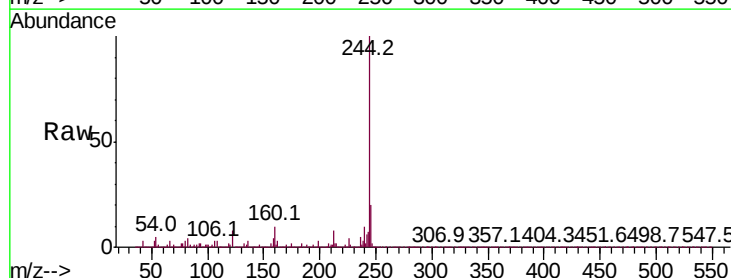
Tgt Ion:244 Resp: 821659

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

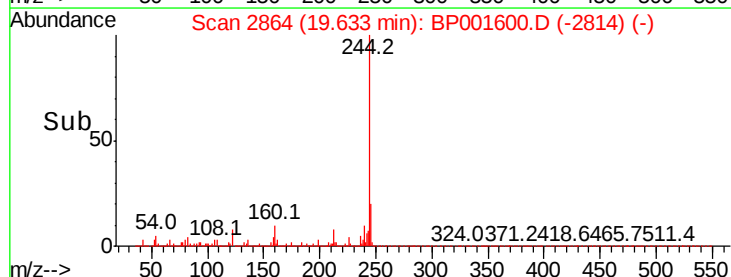
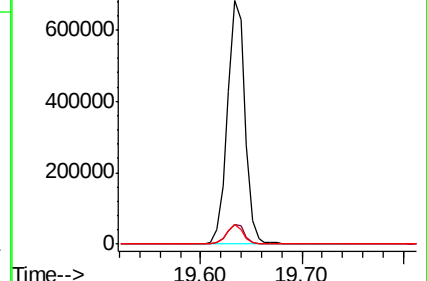
122 7.9 5.8 8.6

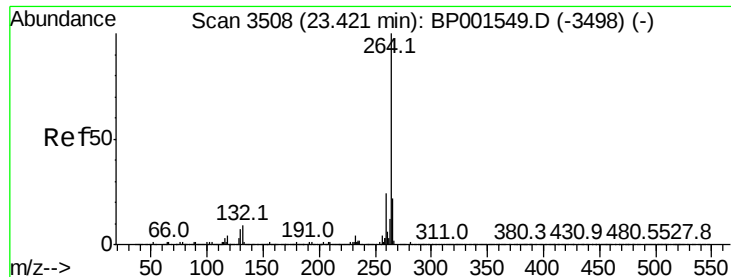


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

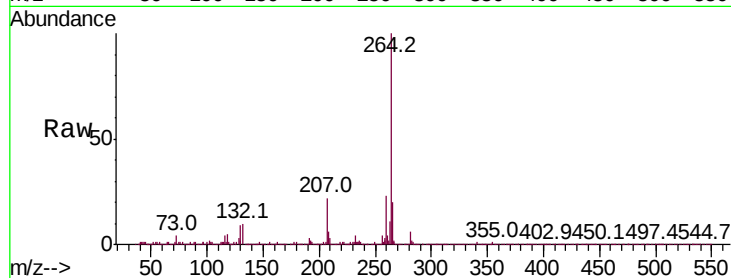




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.38 min Scan# 3501
 Delta R.T. -0.01 min
 Lab File: BP001600.D
 Acq: 14 Jan 2020 22:21

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion: 264 Resp: 154813
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 20.5 18.2 27.4



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

