

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001597.D
 Acq On : 14 Jan 2020 20:40
 Operator : JU
 Sample : L1091-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 14 21:50:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

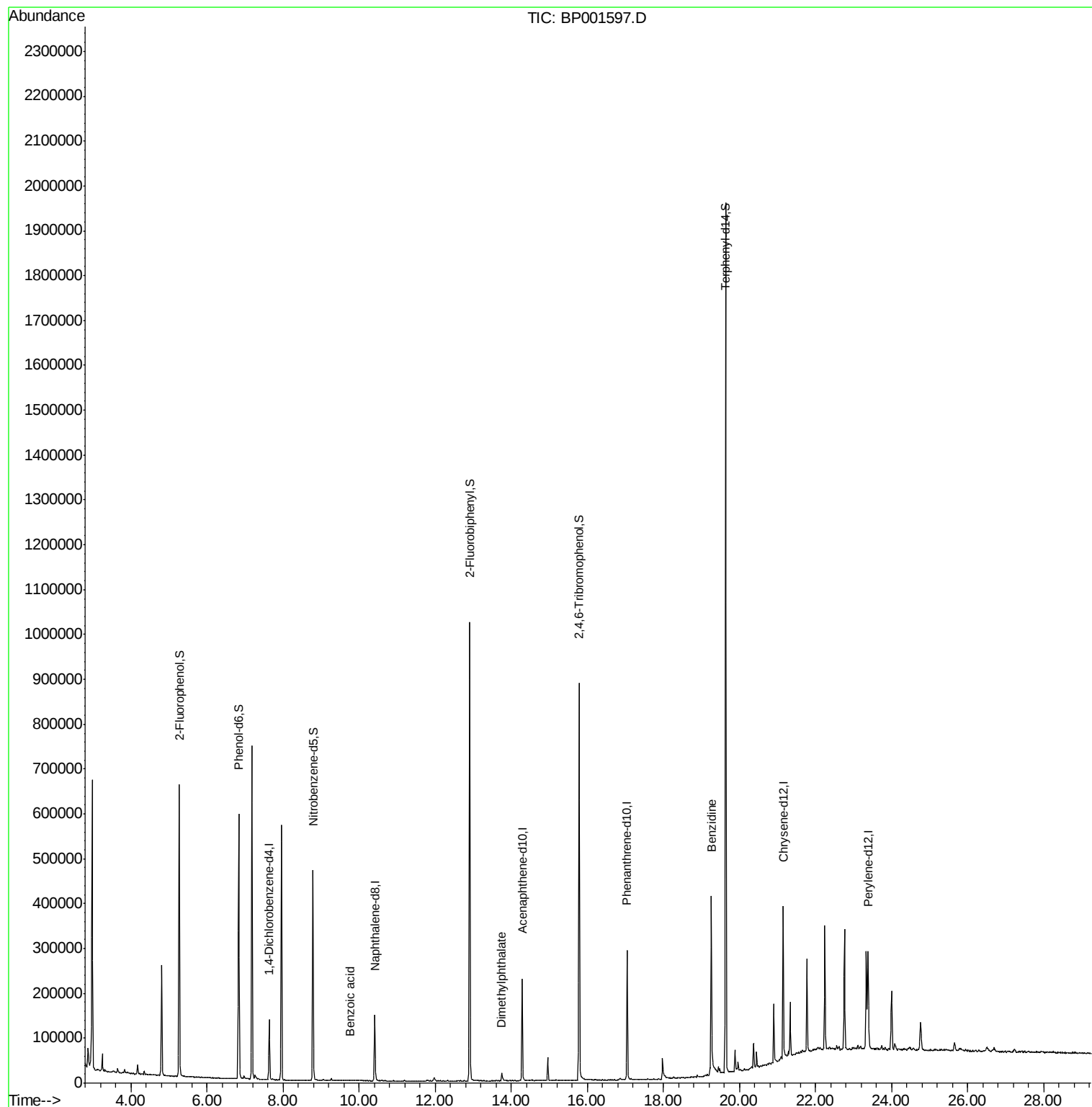
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	29904	20.00	ng	-0.03
21) Naphthalene-d8	10.41	136	104691	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	71270	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	163369	20.00	ng	-0.02
76) Chrysene-d12	21.15	240	155302	20.00	ng	-0.02
87) Perylene-d12	23.38	264	163936	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	204487	133.95	ng	-0.02
7) Phenol-d6	6.83	99	246088	100.87	ng	-0.02
23) Nitrobenzene-d5	8.79	82	231643	96.69	ng	-0.02
42) 2,4,6-Tribromophenol	15.79	330	136561	125.88	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	477325	98.47	ng	-0.02
79) Terphenyl-d14	19.64	244	869920	102.45	ng	-0.02
Target Compounds						
32) Benzoic acid	9.77	122	17	4.715	ng	# 50
50) Dimethylphthalate	13.75	163	12240	2.085	ng	# 96
77) Benzidine	19.26	184	245667	69.278	ng	98

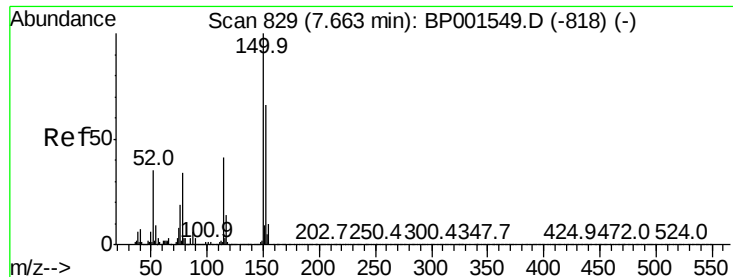
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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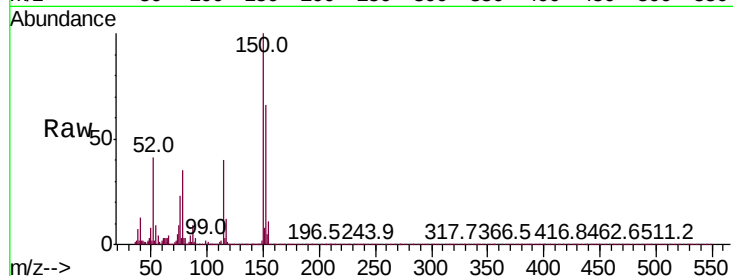


#1

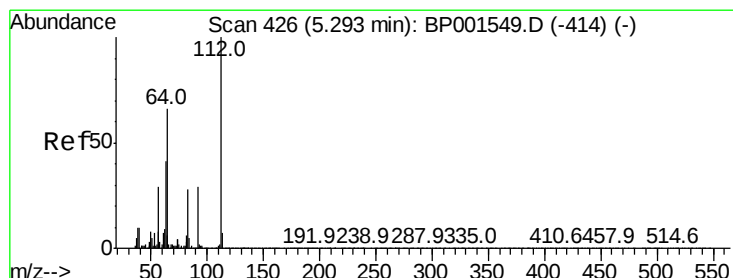
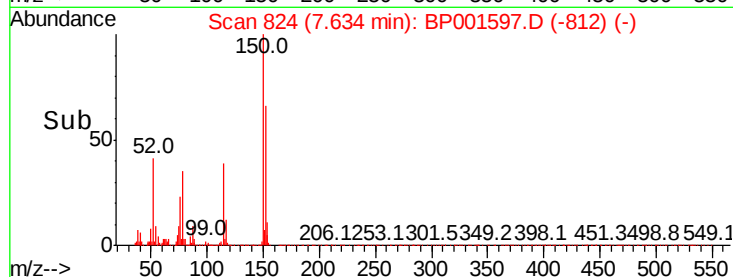
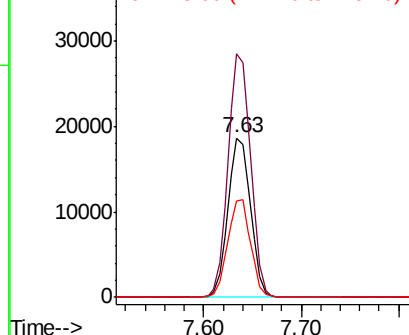
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.03 min
Lab File: BP001597.D
Acq: 14 Jan 2020 20:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 29904
Ion Ratio Lower Upper
152 100
150 152.6 122.0 183.0
115 60.3 50.7 76.1



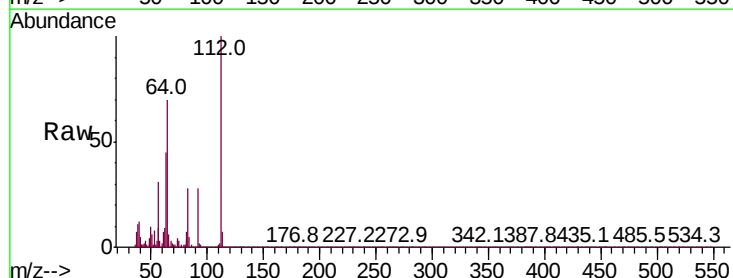
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



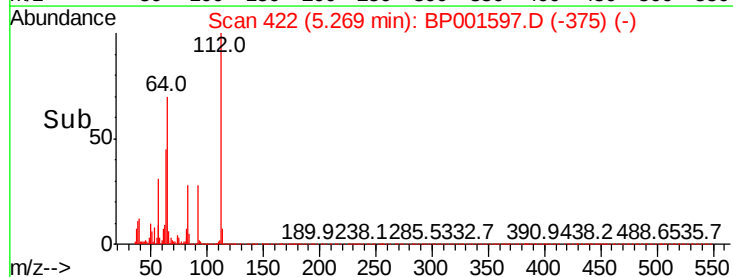
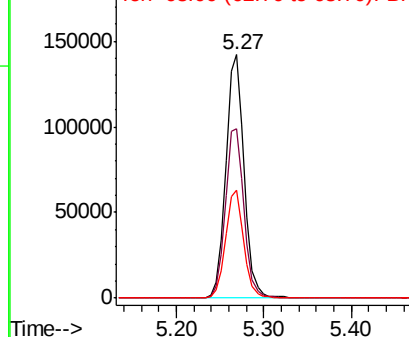
#5

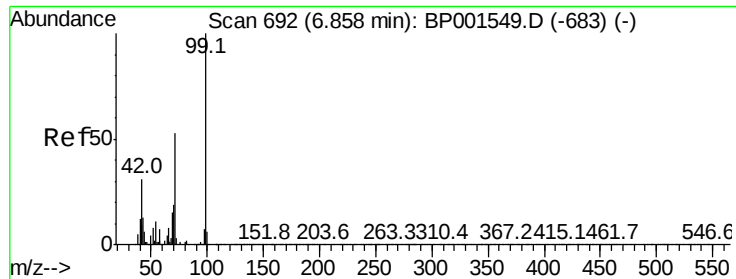
2-Fluorophenol
Concen: 133.952 ng
RT: 5.27 min Scan# 422
Delta R.T. -0.02 min
Lab File: BP001597.D
Acq: 14 Jan 2020 20:40

Tgt Ion:112 Resp: 204487
Ion Ratio Lower Upper
112 100
64 69.5 52.8 79.2
63 44.6 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: 100.866 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.02 min

Lab File: BP001597.D

Acq: 14 Jan 2020 20:40

Instrument :

BNA_P

ClientSampleId :

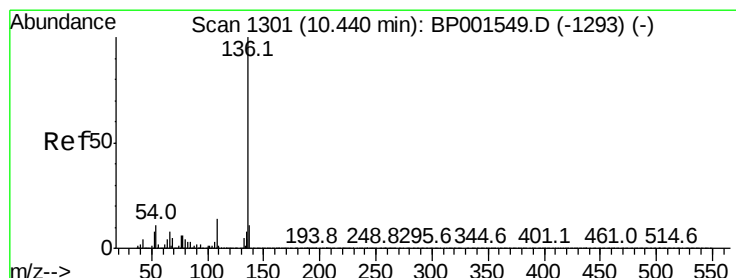
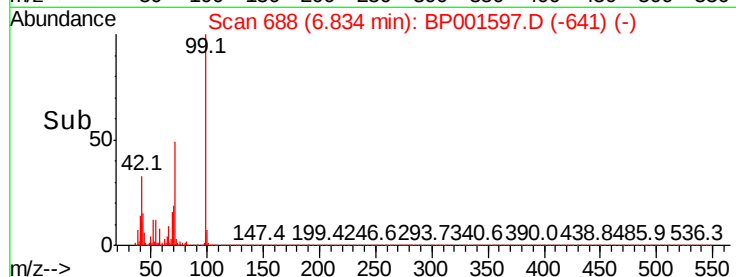
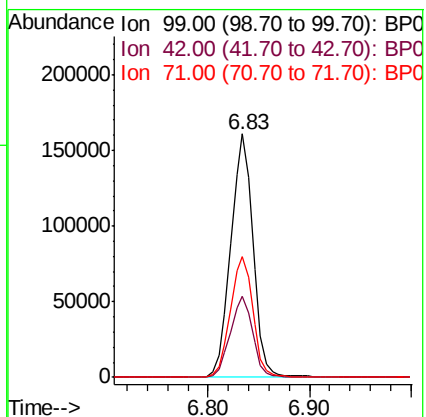
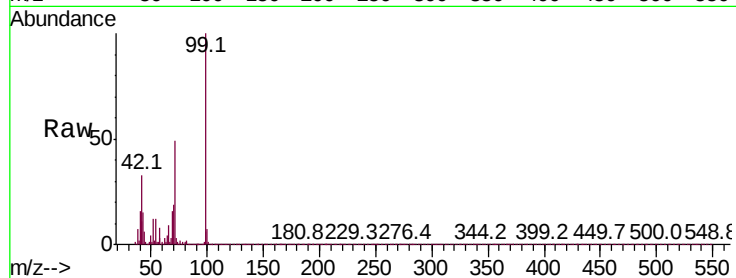
Tot Ion: 99 Resp: 246088

Ion Ratio Lower Upper

99 100

42 33.3 24.5 36.7

71 49.5 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BP001597.D

Acq: 14 Jan 2020 20:40

Tgt Ion: 136 Resp: 104691

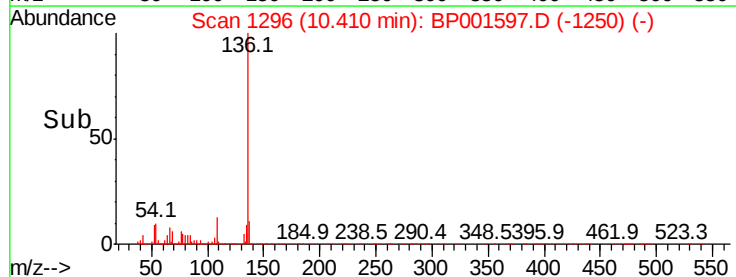
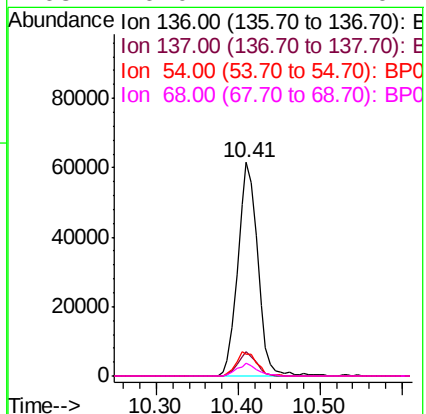
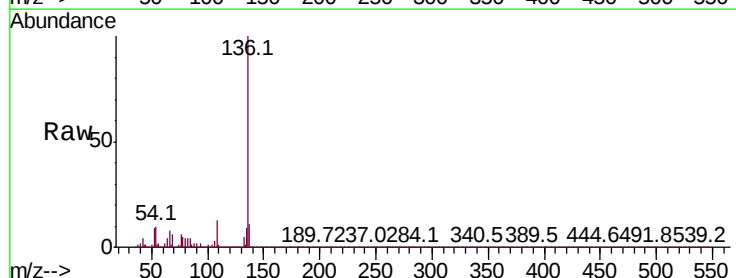
Ion Ratio Lower Upper

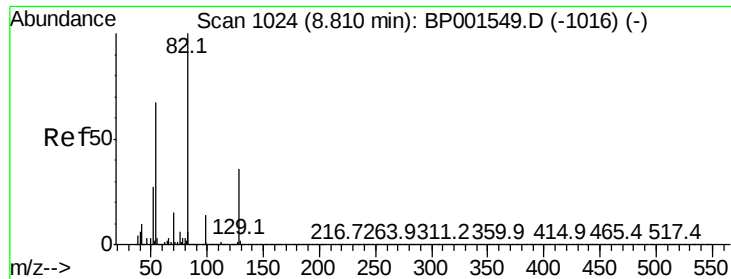
136 100

137 11.3 8.6 12.8

54 10.3 9.2 13.8

68 6.0 4.1 6.1

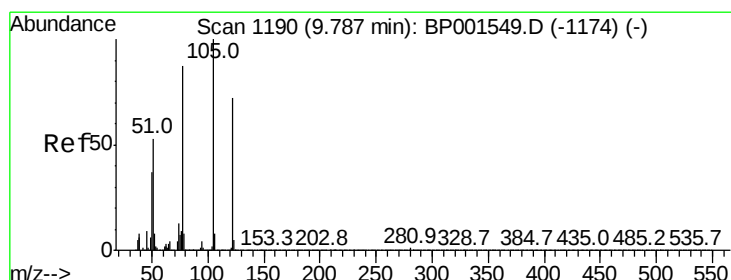
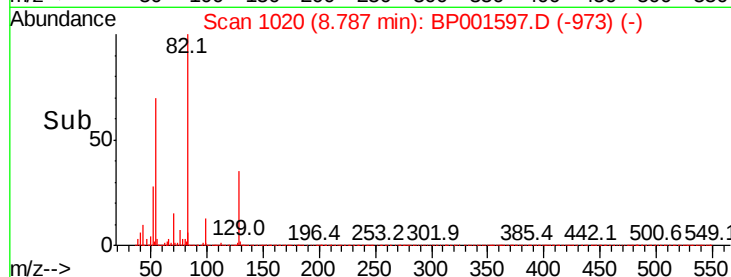
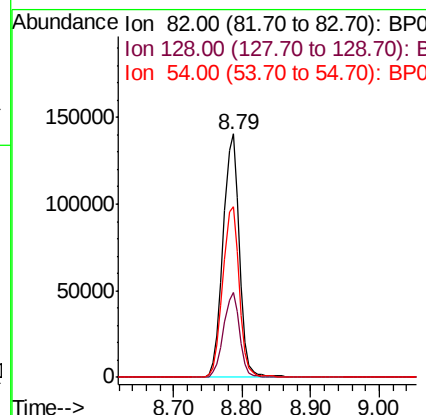
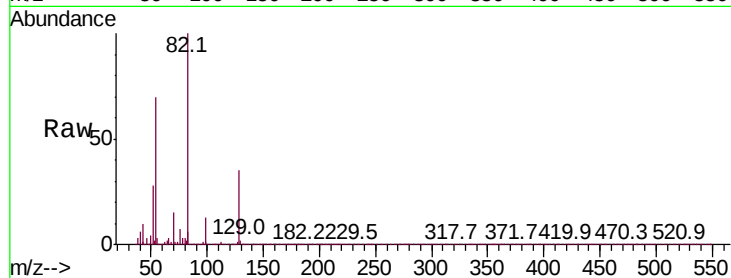




#23
Nitrobenzene-d5
Concen: 96.687 ng
RT: 8.79 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BP001597.D
Acq: 14 Jan 2020 20:40

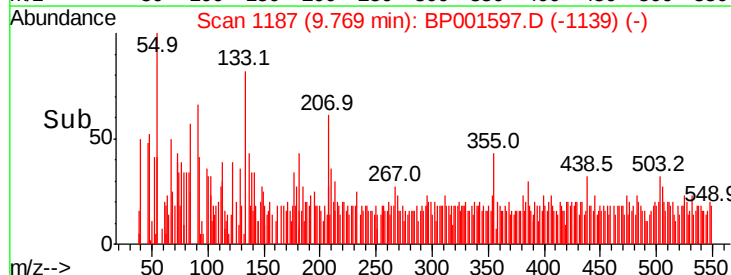
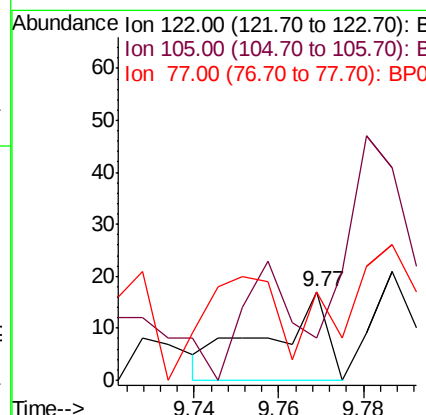
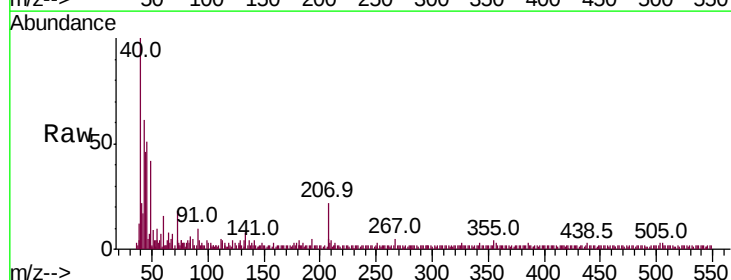
Instrument :
BNA_P
ClientSampleId :

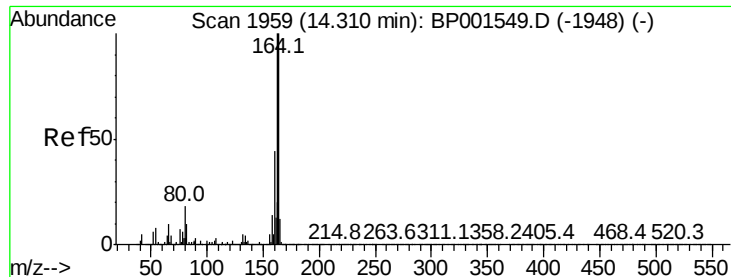
Tot Ion	82	Resp	231643
Ion Ratio	Lower	Upper	
82	100		
128	34.8	28.4	42.6
54	70.0	53.4	80.2



#32
Benzoic acid
Concen: 4.715 ng
RT: 9.77 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BP001597.D
Acq: 14 Jan 2020 20:40

Tgt Ion	122	Resp	17
Ion Ratio	Lower	Upper	
122	100		
105	47.1	119.5	159.5#
77	100.0	102.8	142.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BP001597.D

Acq: 14 Jan 2020 20:40

Instrument :

BNA_P

ClientSampleId :

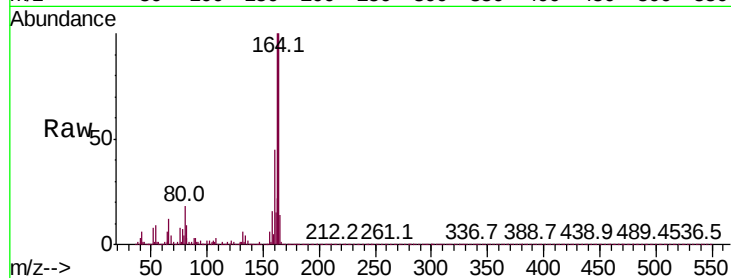
Tot Ion:164 Resp: 71270

Ion Ratio Lower Upper

164 100

162 100.4 79.8 119.6

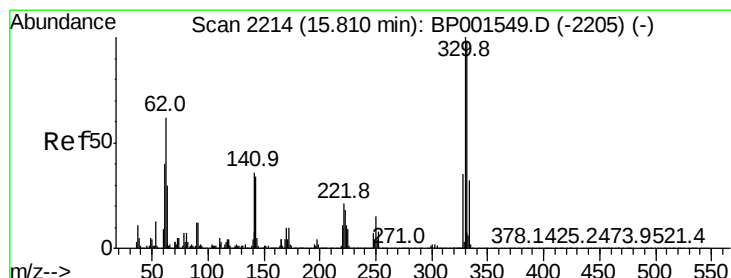
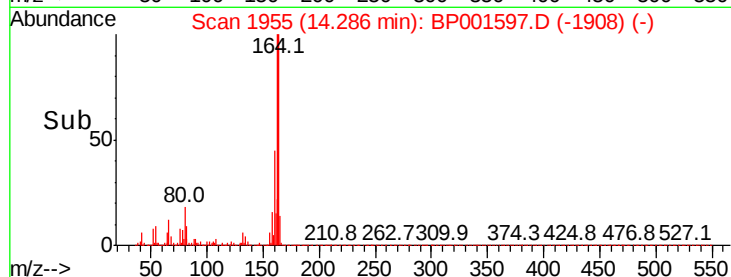
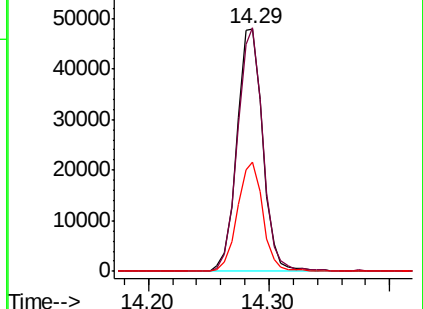
160 45.0 35.0 52.6



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: 125.878 ng

RT: 15.79 min Scan# 2210

Delta R.T. -0.02 min

Lab File: BP001597.D

Acq: 14 Jan 2020 20:40

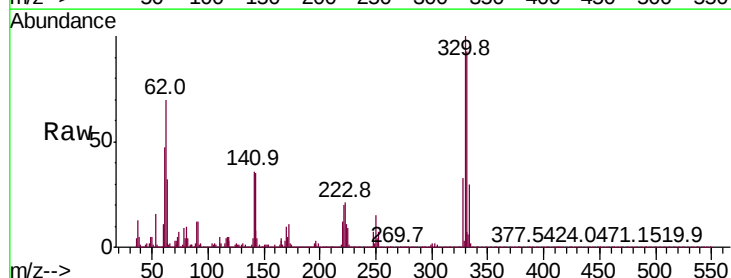
Tgt Ion:330 Resp: 136561

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

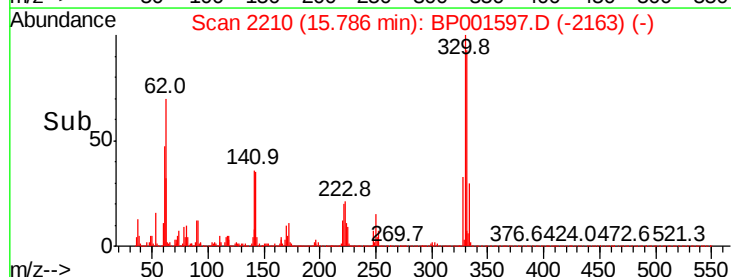
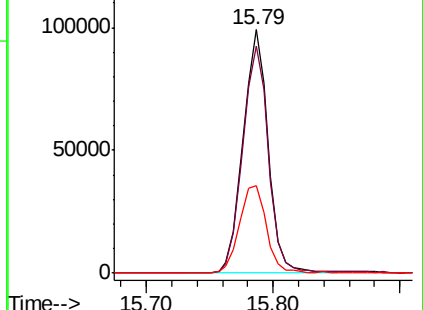
141 38.7 28.7 43.1

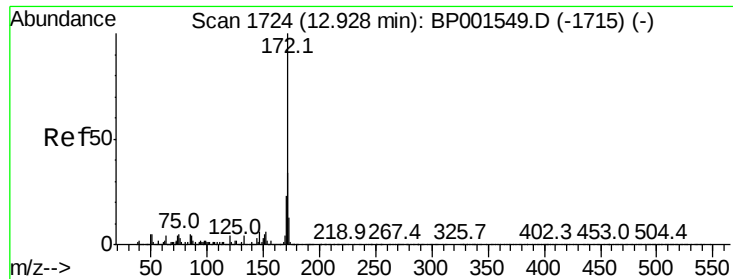


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

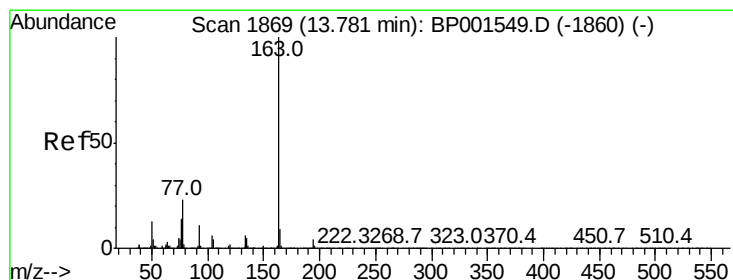
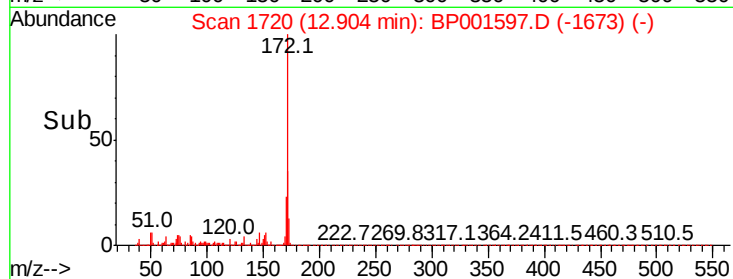
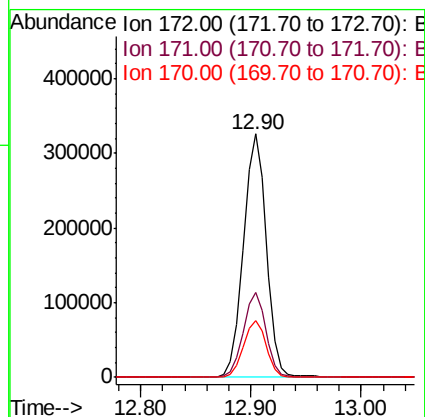
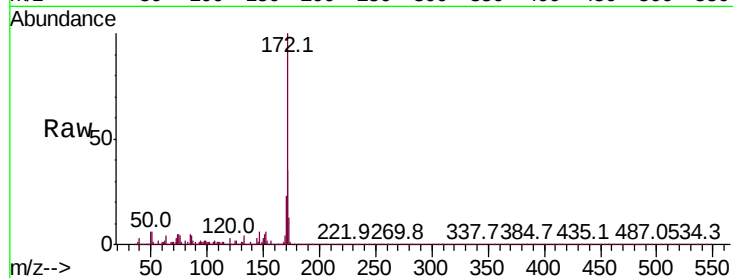




#45
 2-Fluorobiphenyl
 Concen: 98.470 ng
 RT: 12.90 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BP001597.D
 Acq: 14 Jan 2020 20:40

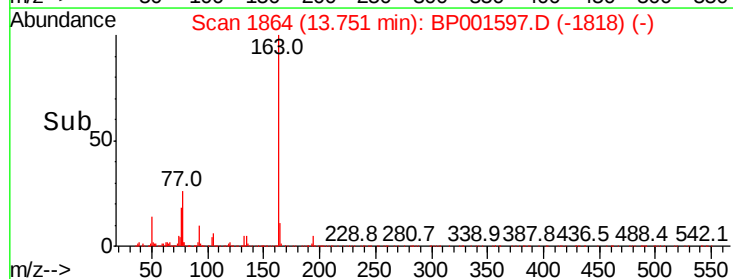
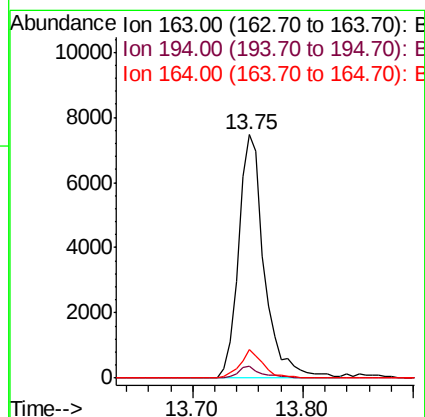
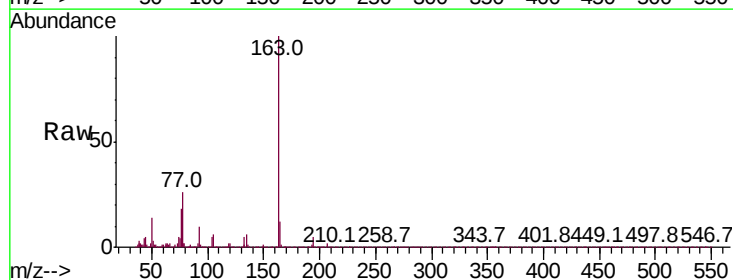
Instrument :
 BNA_P
 ClientSampleId :

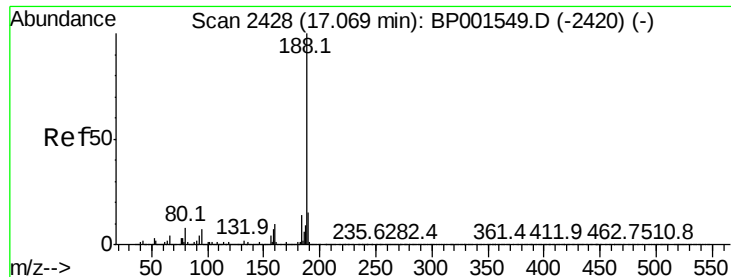
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.6	41.4
170	23.3	18.3	27.5



#50
 Dimethylphthalate
 Concen: 2.085 ng
 RT: 13.75 min Scan# 1864
 Delta R.T. -0.03 min
 Lab File: BP001597.D
 Acq: 14 Jan 2020 20:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	11.6	7.5	11.3#

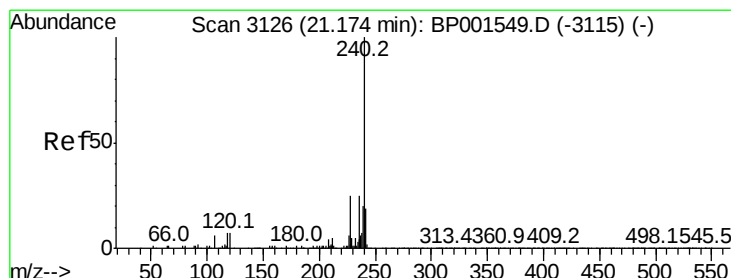
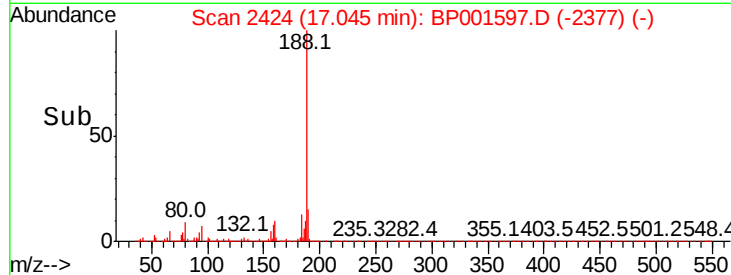
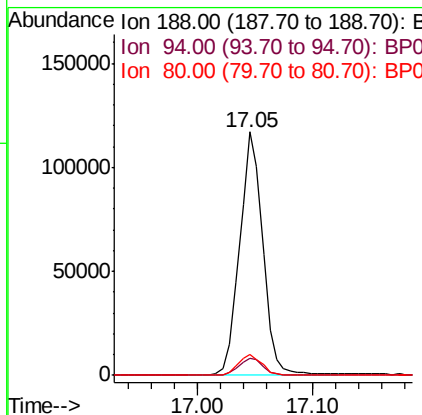
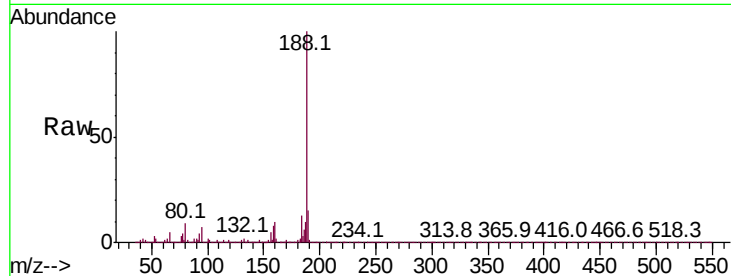




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BP001597.D
Acq: 14 Jan 2020 20:40

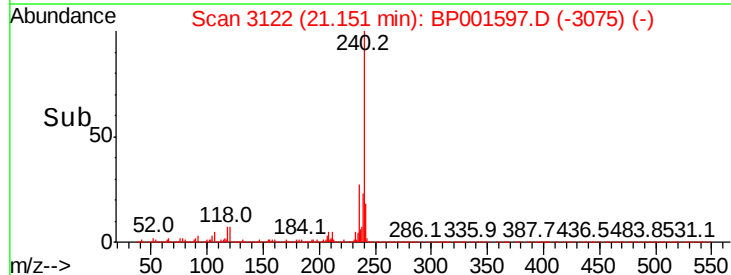
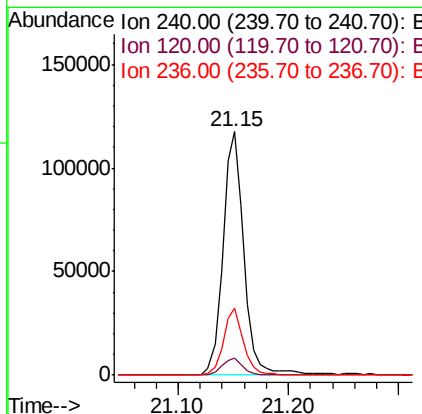
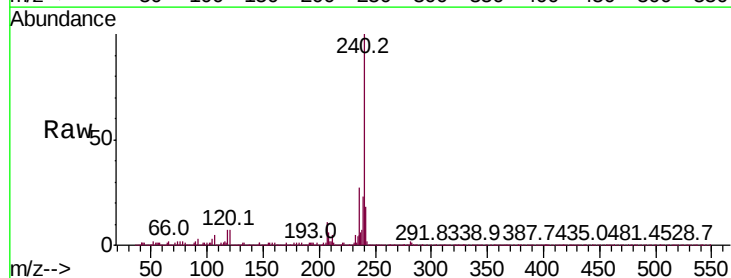
Instrument :
BNA_P
ClientSampleId :

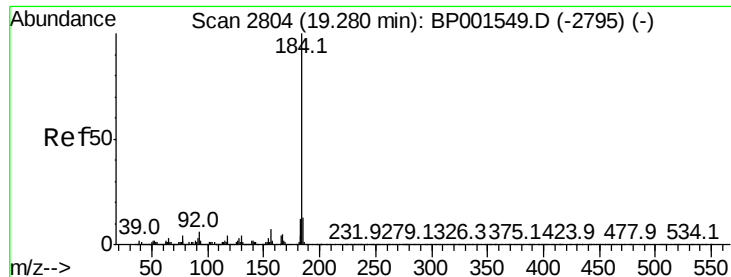
Tot Ion:188 Resp: 163369
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 8.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BP001597.D
Acq: 14 Jan 2020 20:40

Tgt Ion:240 Resp: 155302
Ion Ratio Lower Upper
240 100
120 7.0 5.7 8.5
236 27.4 20.4 30.6





#77

Benzidine

Concen: 69.278 ng

RT: 19.26 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BP001597.D

Acq: 14 Jan 2020 20:40

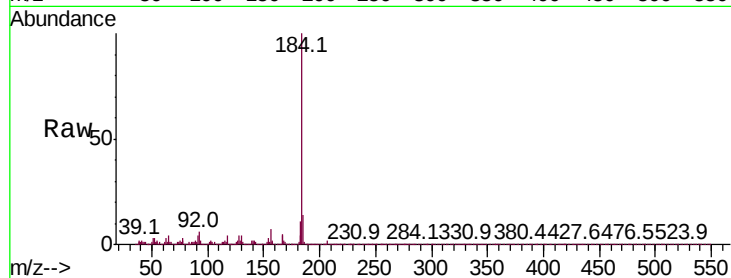
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 245667

Ion	Ratio	Lower	Upper
184	100		
185	14.3	10.6	16.0
183	11.4	9.4	14.0

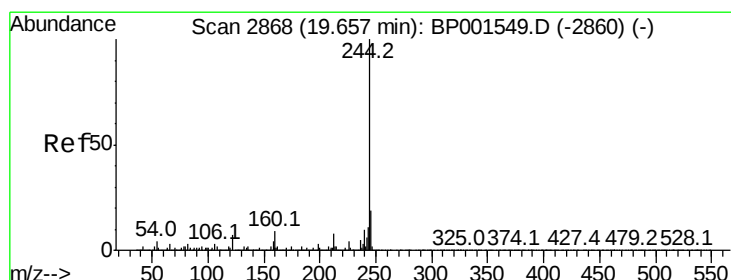
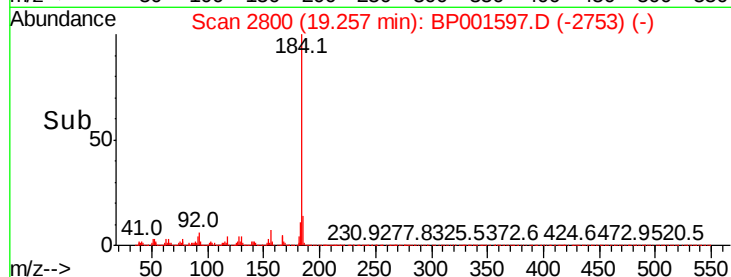
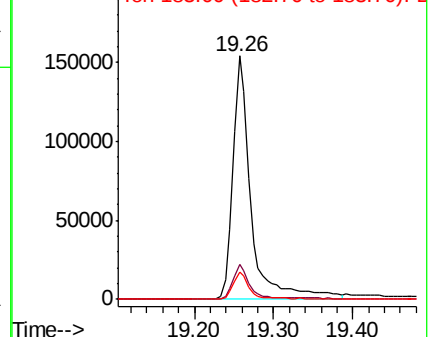


Abundance

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: 102.453 ng

RT: 19.64 min Scan# 2865

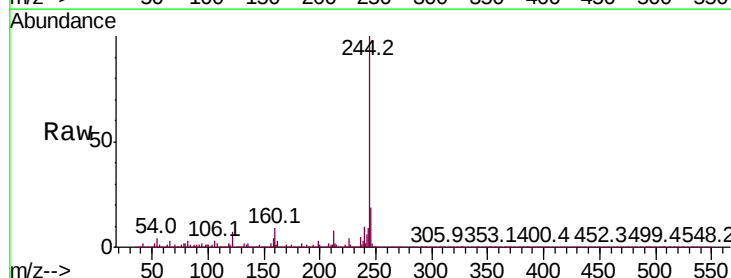
Delta R.T. -0.02 min

Lab File: BP001597.D

Acq: 14 Jan 2020 20:40

Tgt Ion:244 Resp: 869920

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	7.2	5.8	8.6

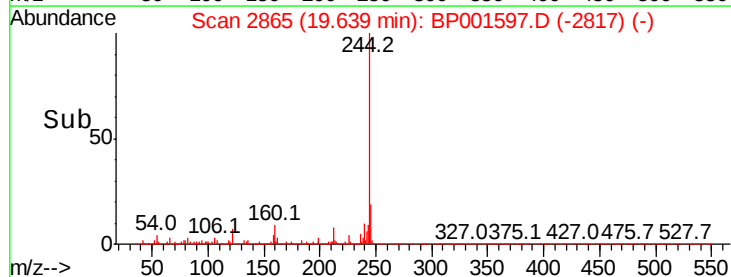
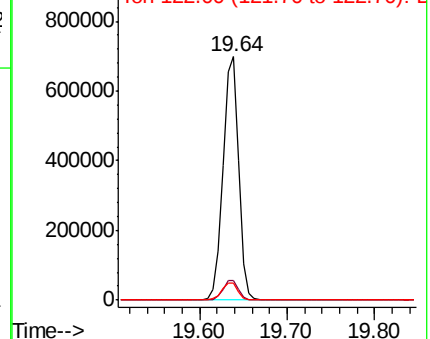


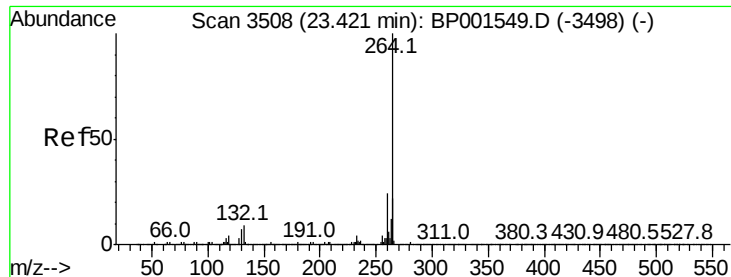
Abundance

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. -0.04 min
Lab File: BP001597.D
Acq: 14 Jan 2020 20:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	22.6	18.2	27.4

