

Data File : BP001637.D
Acq On : 16 Jan 2020 20:24
Operator : JU
Sample : L1148-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-29-(4-6)

Quant Time: Jan 17 04:32:14 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

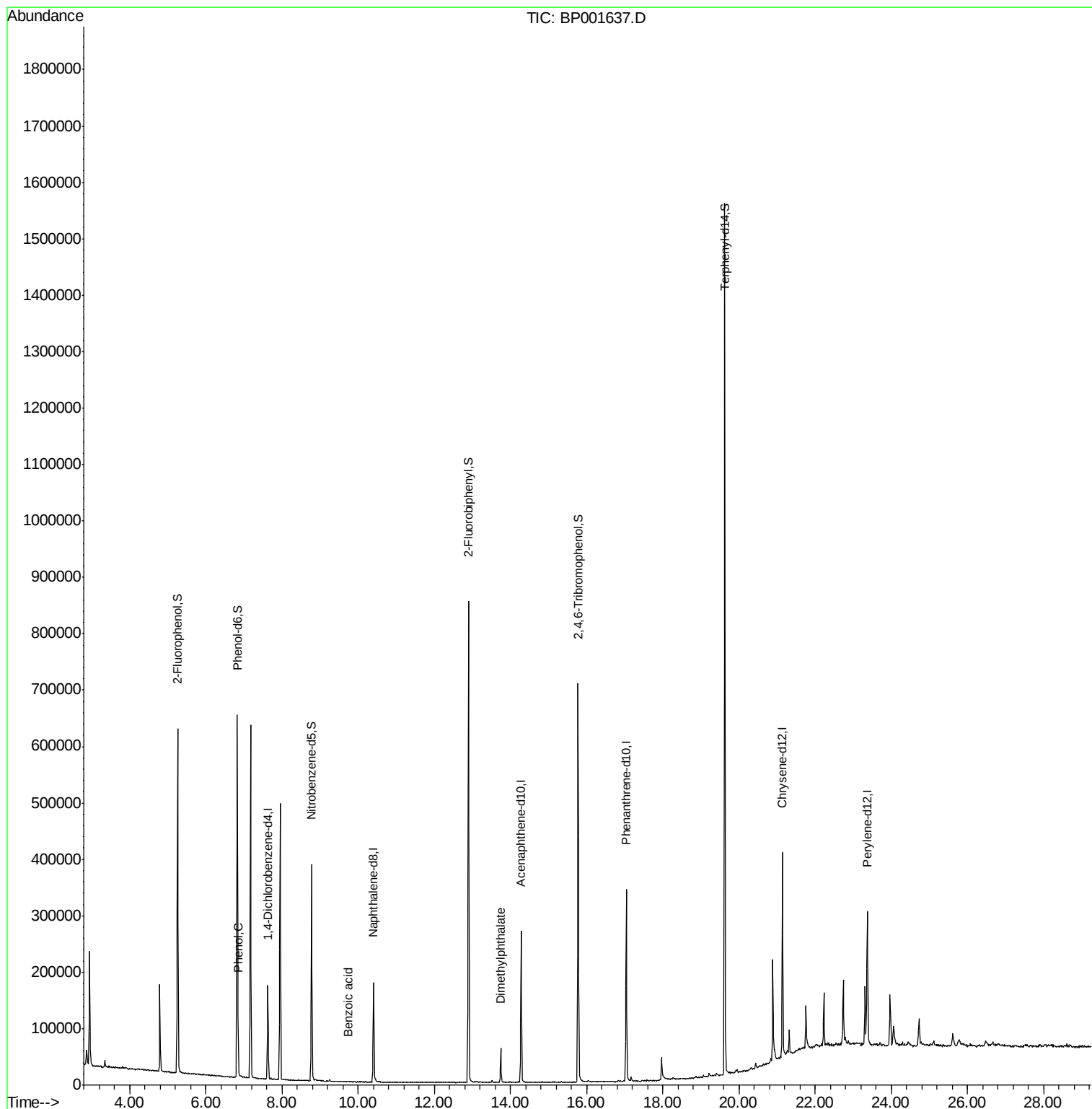
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	35785	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	127793	20.00	ng	-0.01
39) Acenaphthene-d10	14.27	164	85401	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	193899	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	169208	20.00	ng	-0.01
87) Perylene-d12	23.37	264	169487	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	193253	105.79	ng	0.00
7) Phenol-d6	6.83	99	283526	97.11	ng	0.00
23) Nitrobenzene-d5	8.77	82	194904	66.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	111595	85.84	ng	-0.01
45) 2-Fluorobiphenyl	12.89	172	400262	68.91	ng	-0.01
79) Terphenyl-d14	19.63	244	677129	73.19	ng	-0.01
Target Compounds						
10) Phenol	6.85	94	6744	2.233	ng	Qvalue 83
32) Benzoic acid	9.73	122	23	4.717	ng	# 84
50) Dimethylphthalate	13.74	163	36007	5.119	ng	97

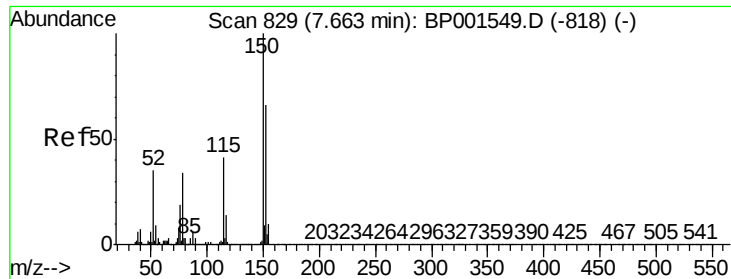
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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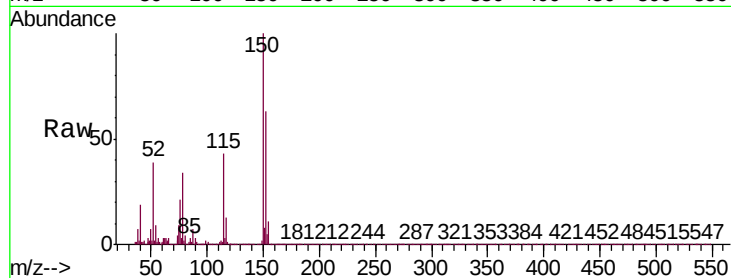




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BP001637.D
 Acq: 16 Jan 2020 20:24

Instrument :
 BNA_P
 ClientSampleId :
 SB-29-(4-6)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.0	183.0
115	68.1	50.7	76.1

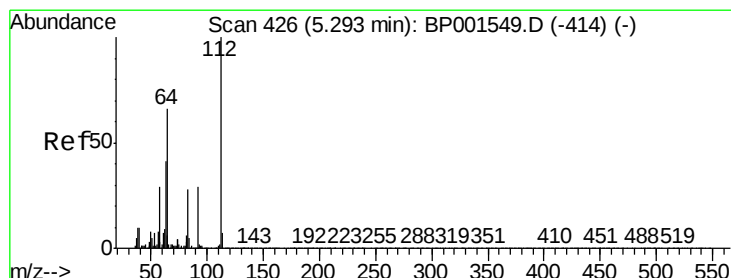
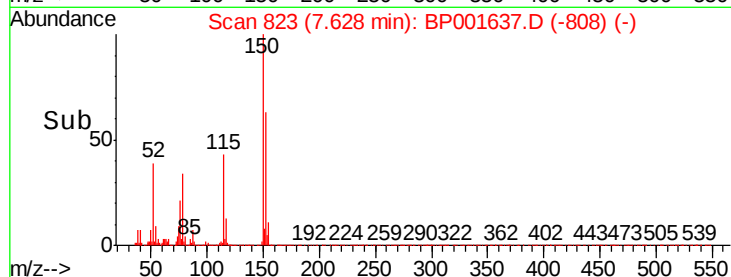
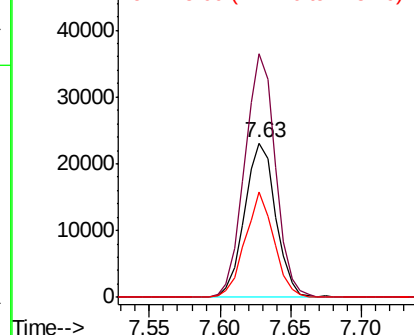


Abundance

Ion 152.00 (151.70 to 152.70): E

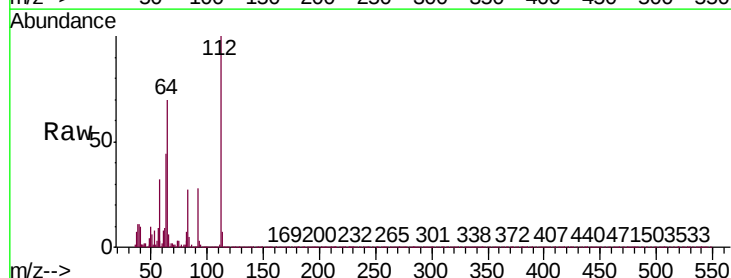
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 105.788 ng
 RT: 5.26 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BP001637.D
 Acq: 16 Jan 2020 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	52.8	79.2
63	43.7	33.1	49.7

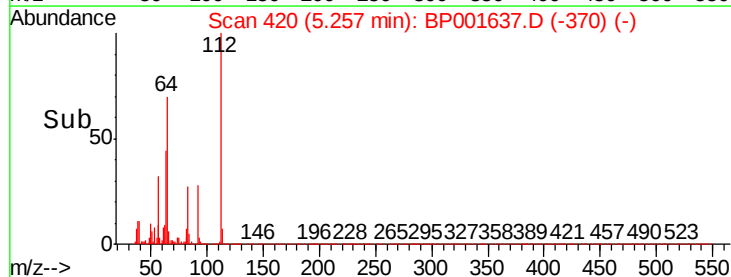
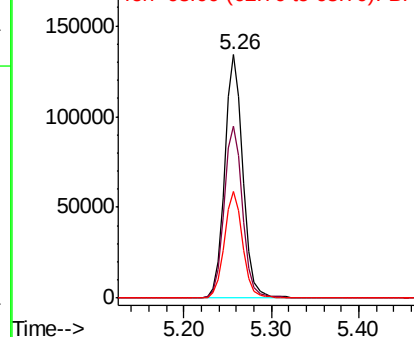


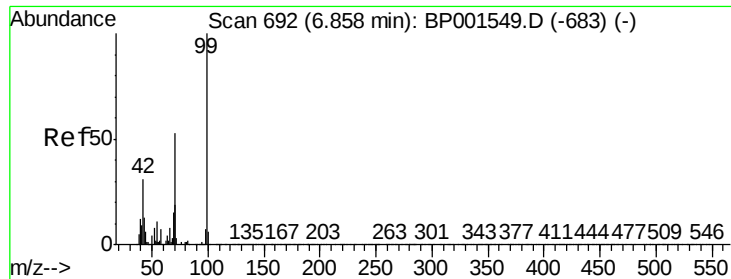
Abundance

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: 97.113 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

Instrument :

BNA_P

ClientSampleId :

SB-29-(4-6)

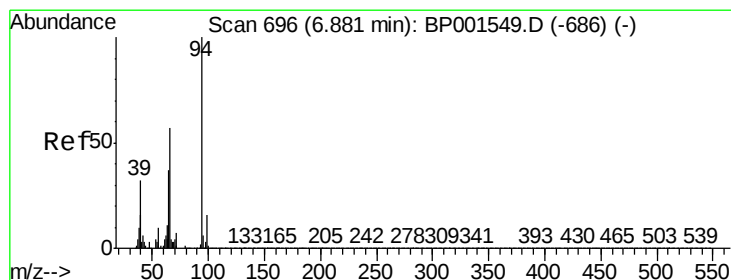
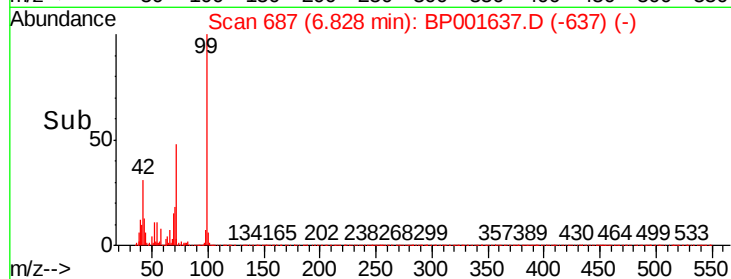
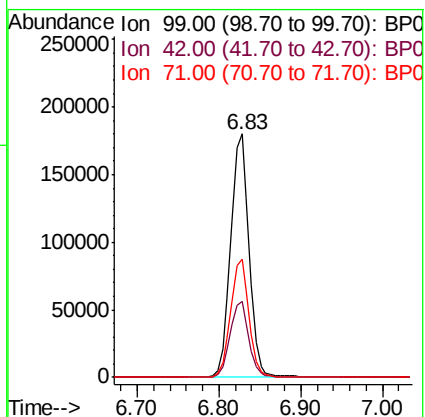
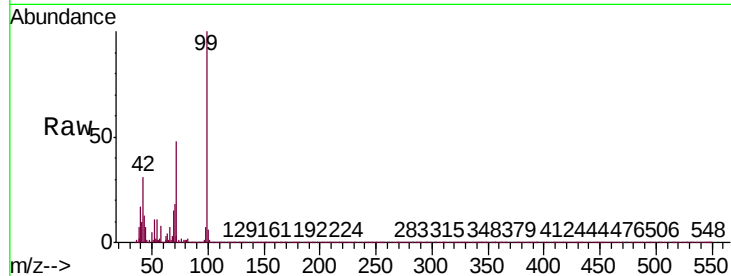
Tgt Ion: 99 Resp: 283526

Ion Ratio Lower Upper

99 100

42 31.2 24.5 36.7

71 48.4 42.4 63.6



#10

Phenol

Concen: 2.233 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

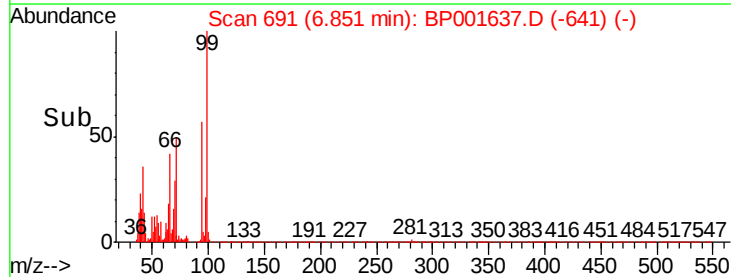
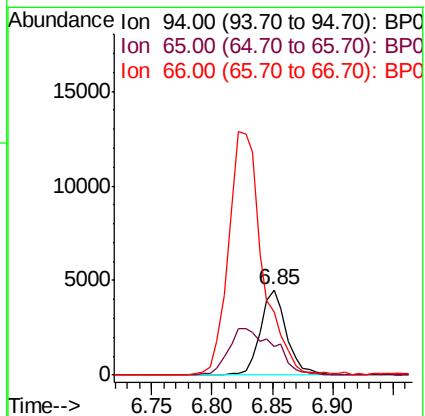
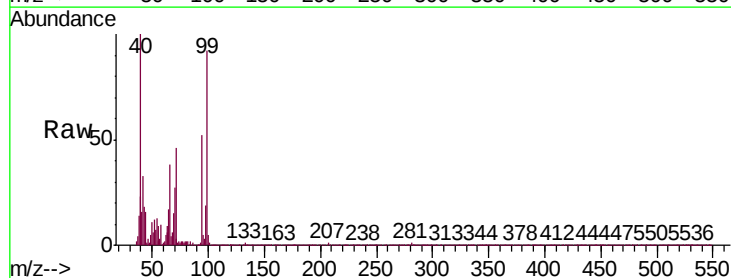
Tgt Ion: 94 Resp: 6744

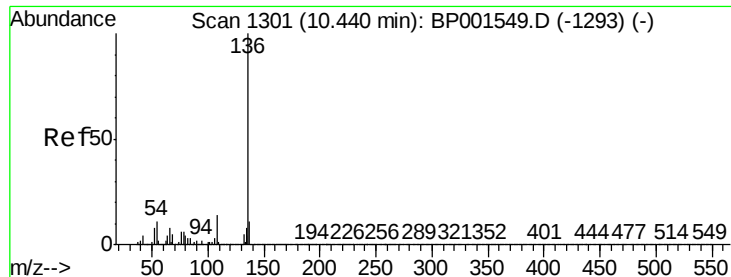
Ion Ratio Lower Upper

94 100

65 32.8 17.5 57.5

66 73.6 36.7 76.7

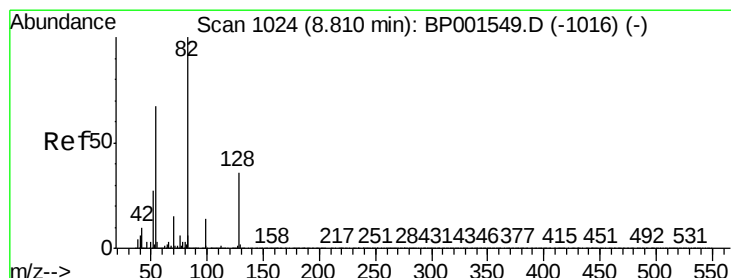
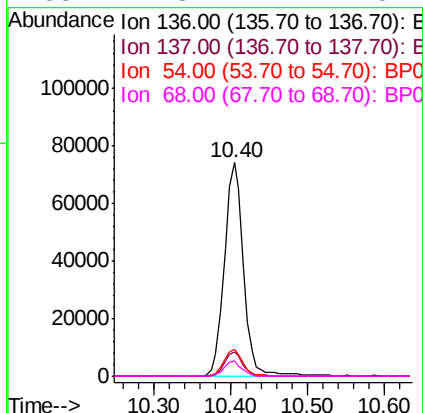
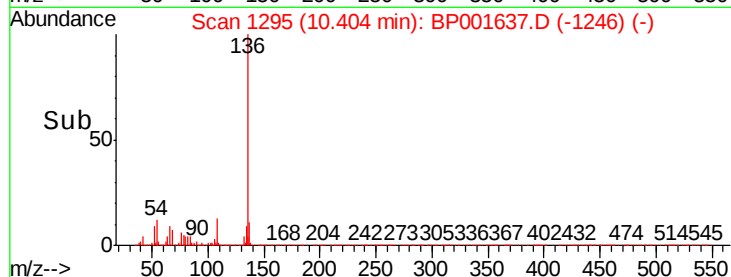
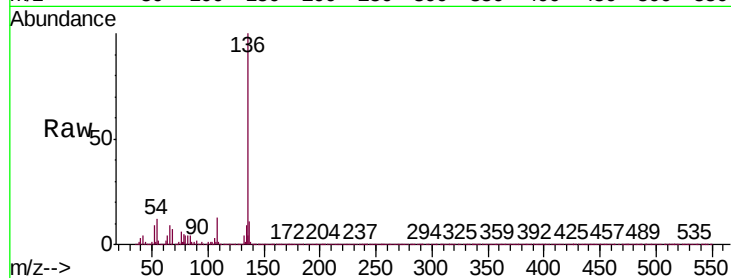




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001637.D
Acq: 16 Jan 2020 20:24

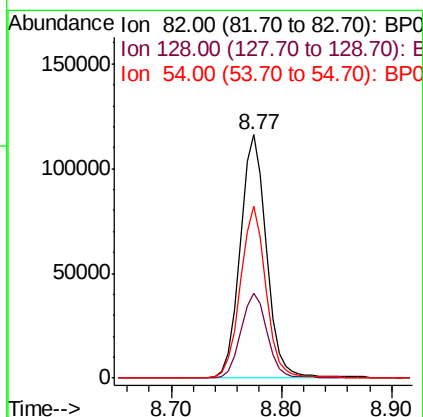
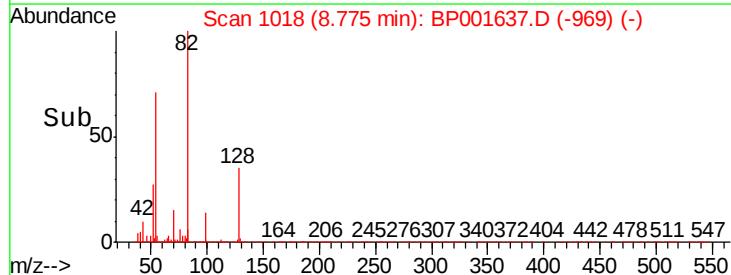
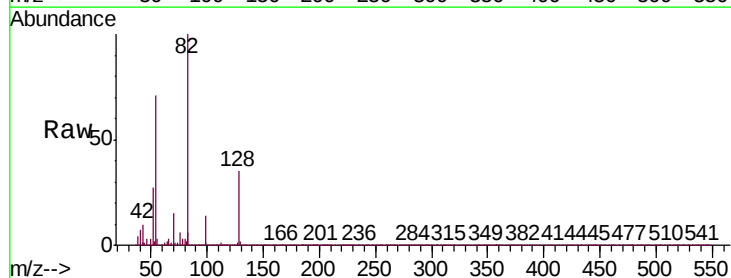
Instrument :
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SB-29-(4-6)

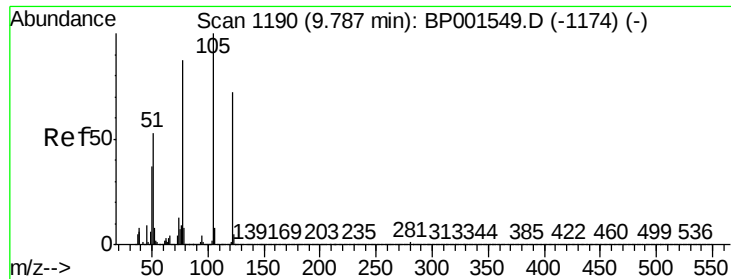
Tgt Ion:	136	Resp:	127793
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	12.4	9.2	13.8
68	7.3	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 66.645 ng
RT: 8.77 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BP001637.D
Acq: 16 Jan 2020 20:24

Tgt Ion:	82	Resp:	194904
Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.4	42.6
54	70.6	53.4	80.2





#32

Benzoic acid

Concen: 4.717 ng

RT: 9.73 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

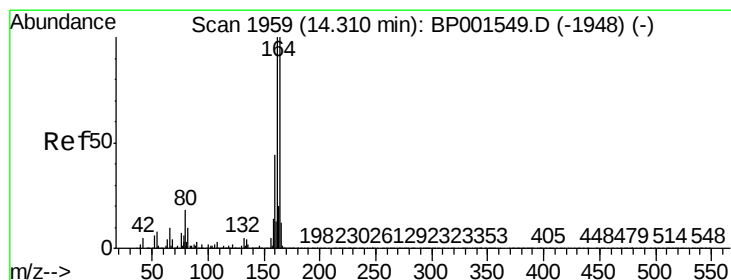
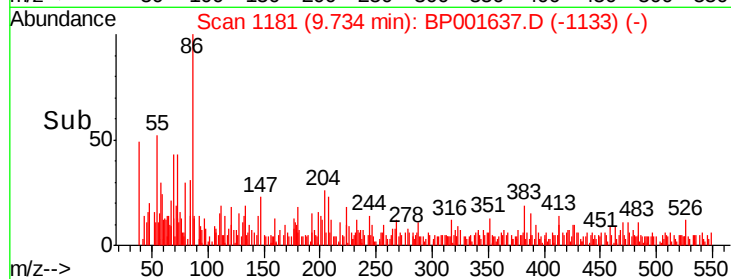
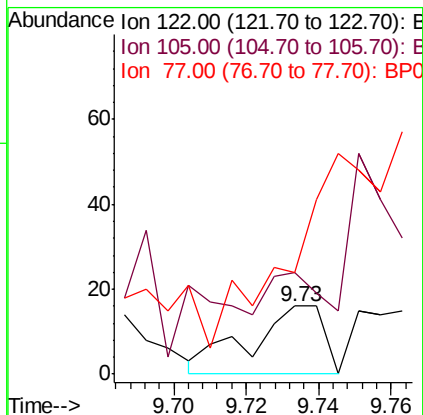
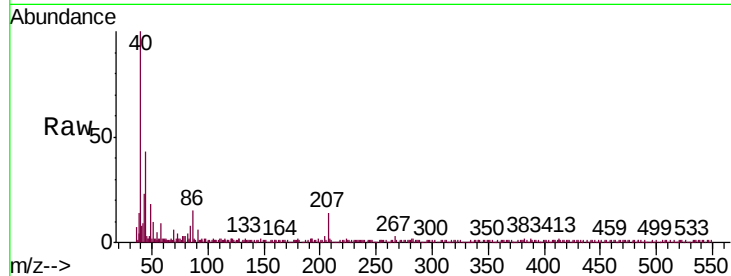
Instrument :

BNA_P

ClientSampleId :

SB-29-(4-6)

Tgt Ion	Ratio	Lower	Upper
122	100		
105	150.0	119.5	159.5
77	150.0	102.8	142.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

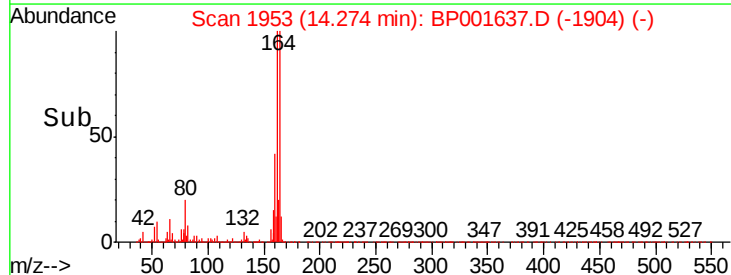
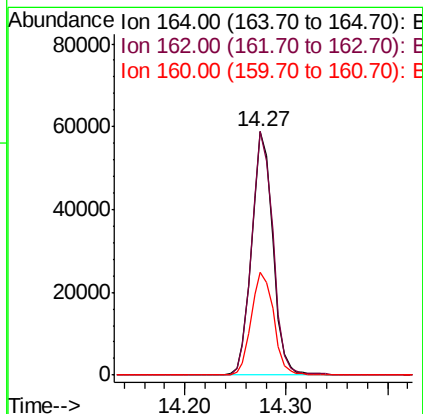
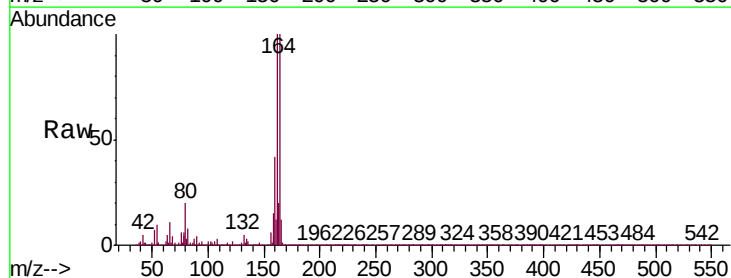
RT: 14.27 min Scan# 1953

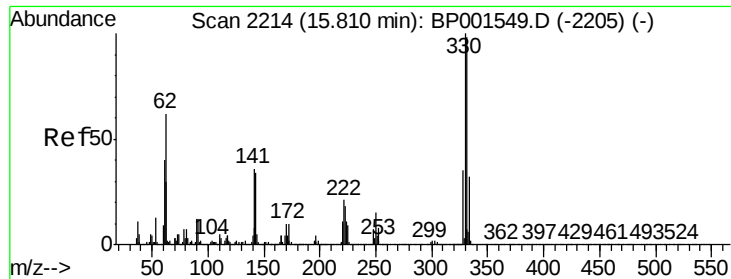
Delta R.T. -0.01 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.8	119.6
160	42.3	35.0	52.6

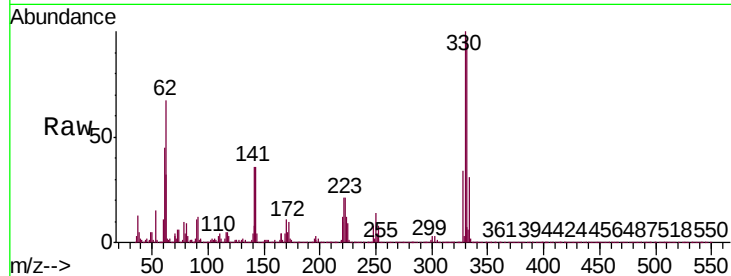




#42
 2,4,6-Tribromophenol
 Concen: 85.844 ng
 RT: 15.78 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BP001637.D
 Acq: 16 Jan 2020 20:24

Instrument :
 BNA_P
 ClientSampleId :
 SB-29-(4-6)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.6
141	37.6	28.7	43.1

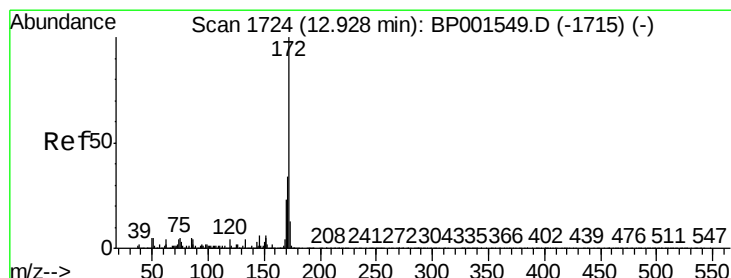
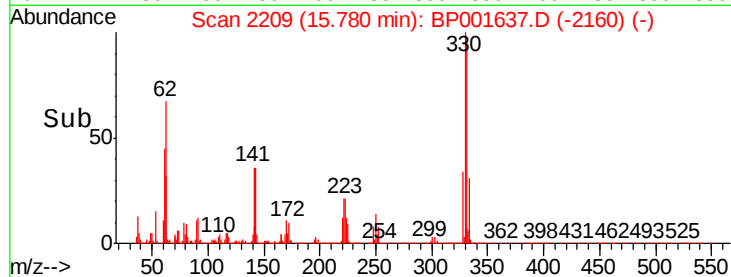
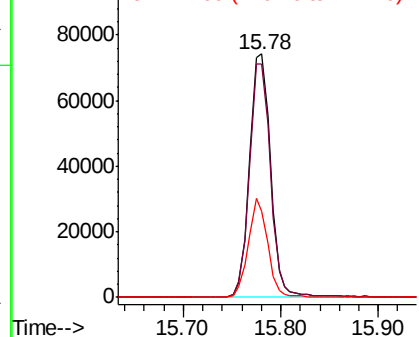


Abundance

Ion 329.80 (329.50 to 330.50): E

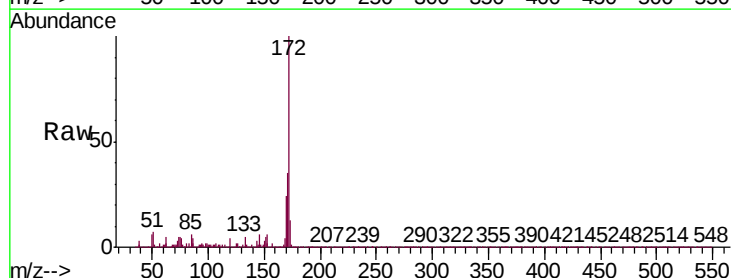
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.910 ng
 RT: 12.89 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BP001637.D
 Acq: 16 Jan 2020 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.6	41.4
170	23.6	18.3	27.5

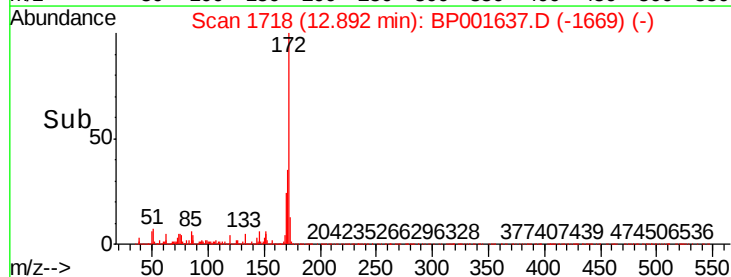
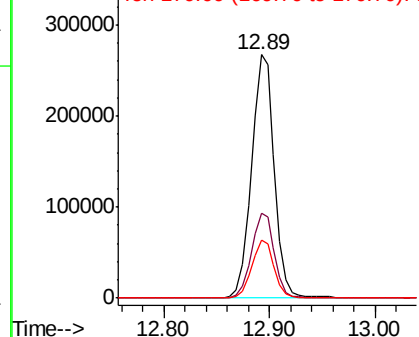


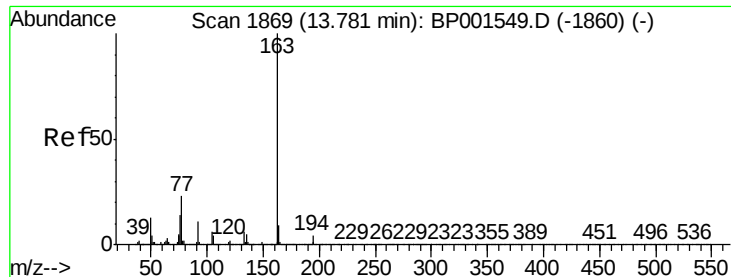
Abundance

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





#50

Dimethylphthalate

Concen: 5.119 ng

RT: 13.74 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

Instrument :

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SB-29-(4-6)

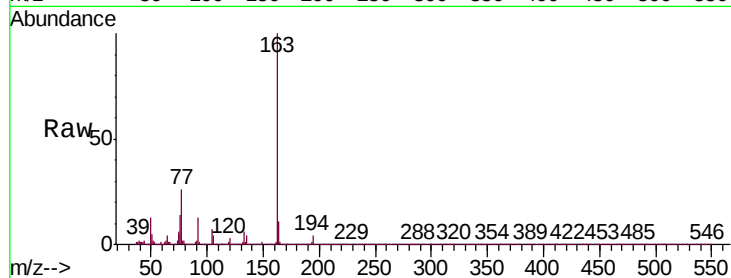
Tgt Ion:163 Resp: 36007

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

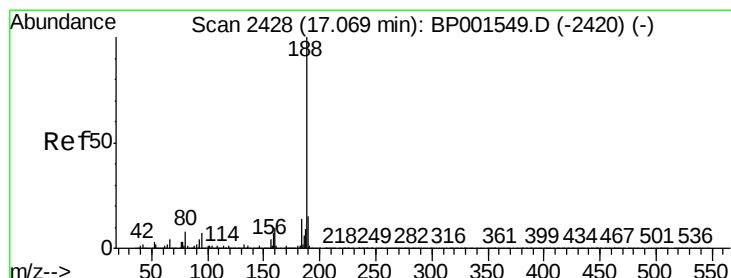
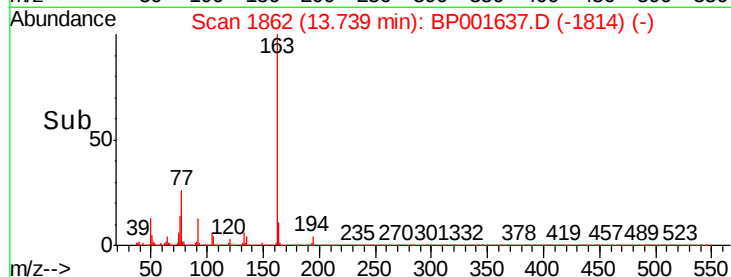
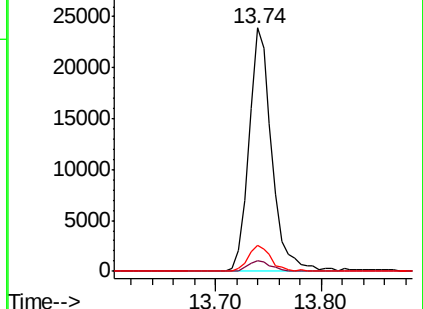
164 10.9 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BP001637.D

Acq: 16 Jan 2020 20:24

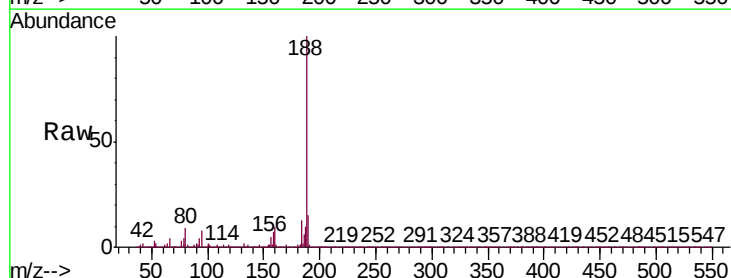
Tgt Ion:188 Resp: 193899

Ion Ratio Lower Upper

188 100

94 8.0 5.9 8.9

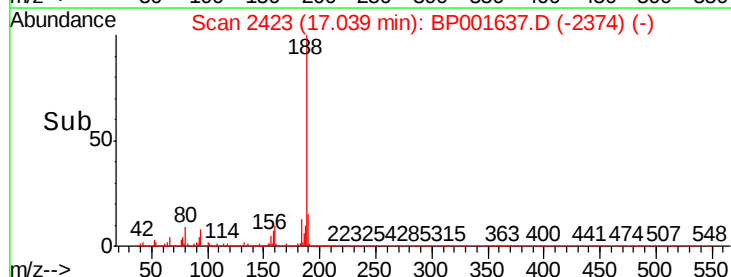
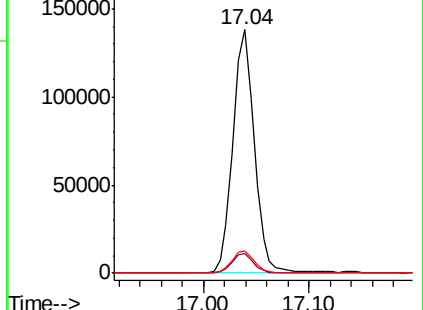
80 9.1 6.8 10.2

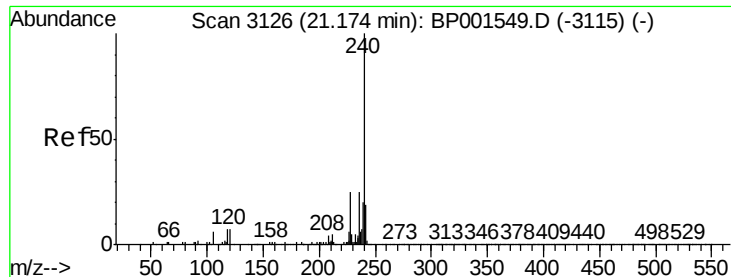


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

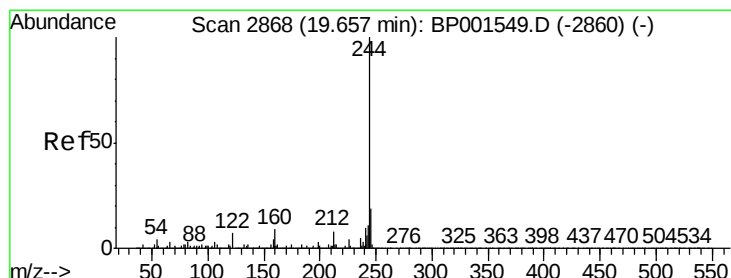
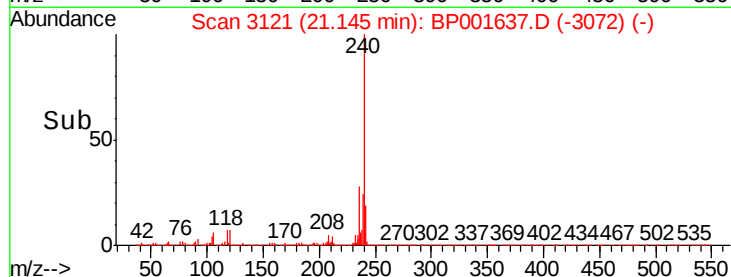
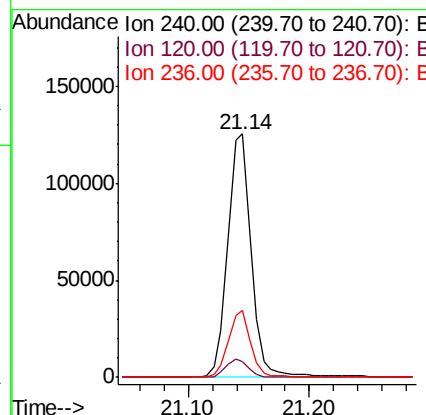
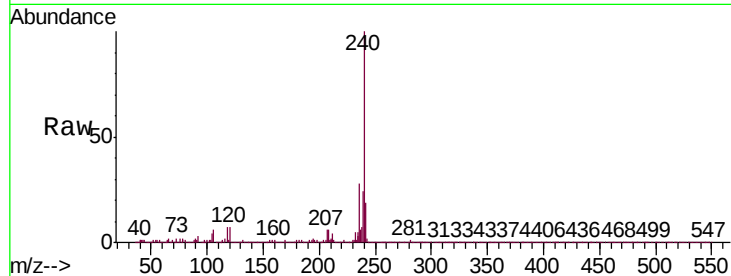




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001637.D
Acq: 16 Jan 2020 20:24

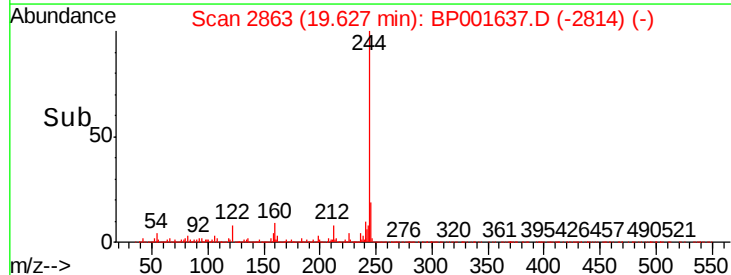
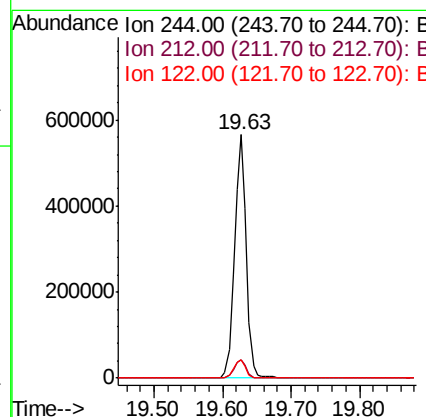
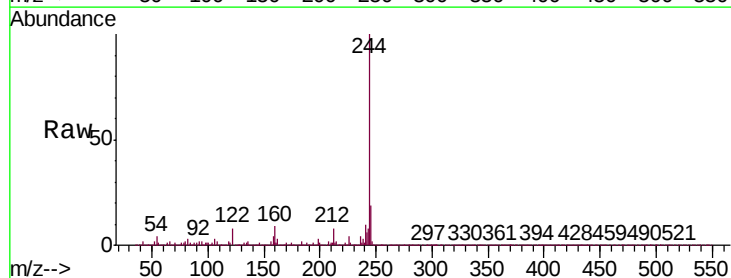
Instrument :
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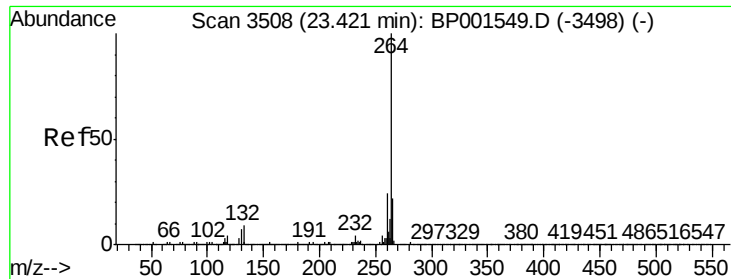
Tgt Ion:240 Resp: 169208
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 27.6 20.4 30.6



#79
Terphenyl-d14
Concen: 73.193 ng
RT: 19.63 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BP001637.D
Acq: 16 Jan 2020 20:24

Tgt Ion:244 Resp: 677129
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 7.7 5.8 8.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BP001637.D
Acq: 16 Jan 2020 20:24

Instrument :
BNA_P
ClientSampleId :
SB-29-(4-6)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.8	18.2	27.4

