

Data File : BP001631.D
Acq On : 16 Jan 2020 17:01
Operator : JU
Sample : 1004-01 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-RO-258

Quant Time: Jan 17 04:28:56 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

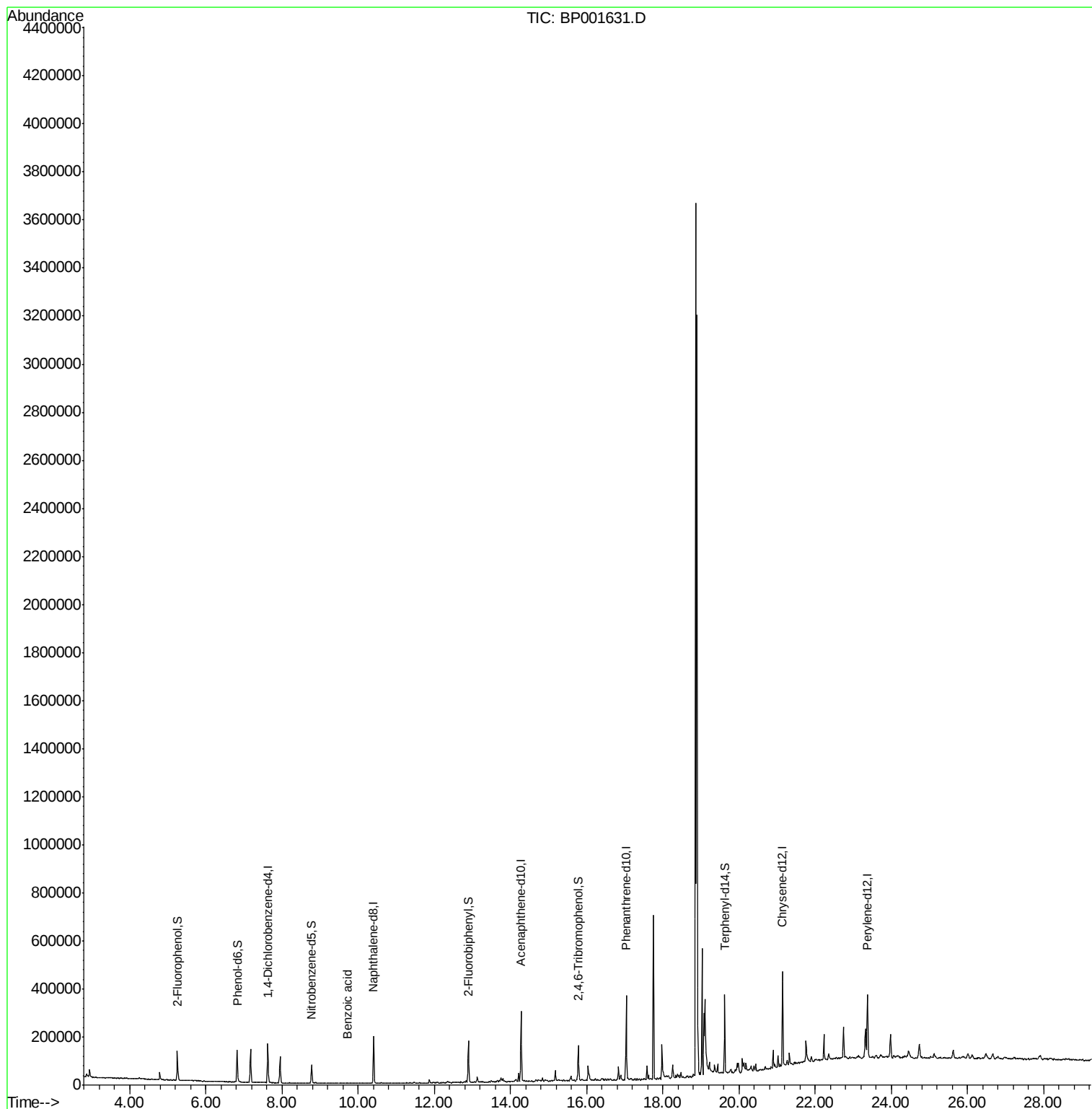
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	37359	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	138490	20.00	ng	-0.01
39) Acenaphthene-d10	14.27	164	89629	20.00	ng	-0.01
64) Phenanthrene-d10	17.03	188	200931	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	174869	20.00	ng	-0.02
87) Perylene-d12	23.37	264	184180	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	42118	22.08	ng	0.00
7) Phenol-d6	6.82	99	61122	20.05	ng	-0.01
23) Nitrobenzene-d5	8.78	82	42021	13.26	ng	-0.01
42) 2,4,6-Tribromophenol	15.77	330	22392	16.41	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	86556	14.20	ng	-0.01
79) Terphenyl-d14	19.62	244	129631	13.56	ng	-0.02
Target Compounds						
32) Benzoic acid	9.72	122	10	4.709	ng	Qvalue 90

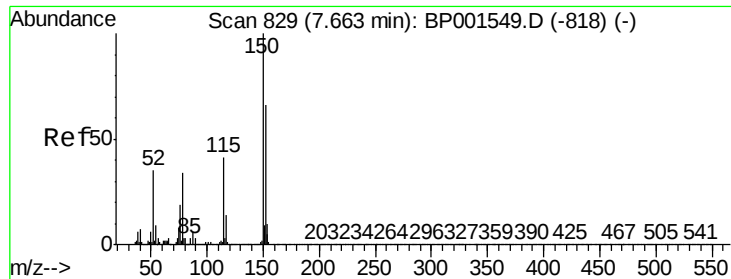
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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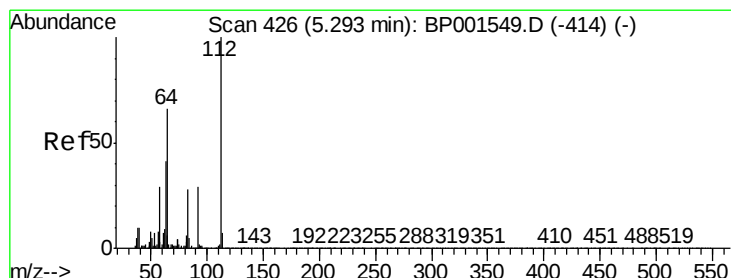
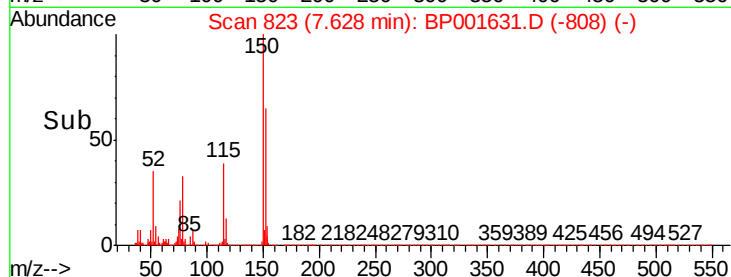
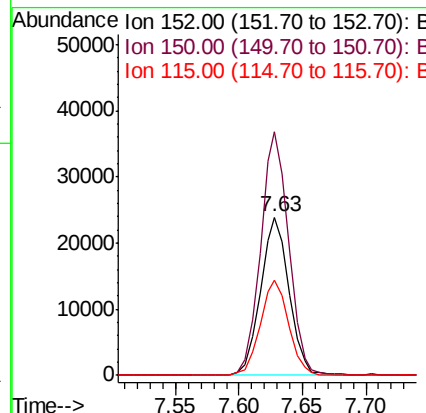
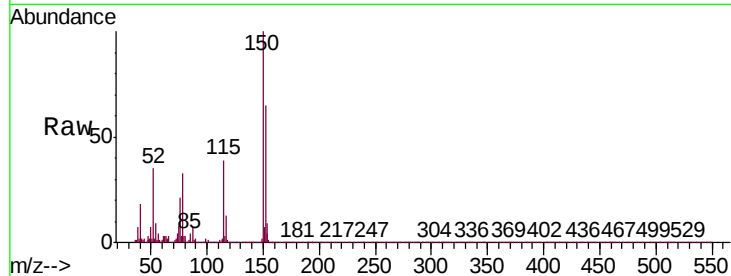


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001631.D
Acq: 16 Jan 2020 17:01

Instrument :
BNA_P
ClientSampleId :
BU-RO-258

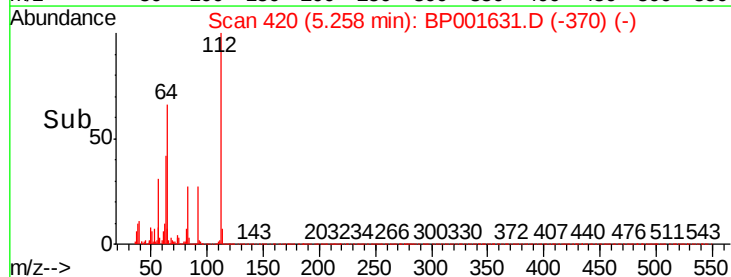
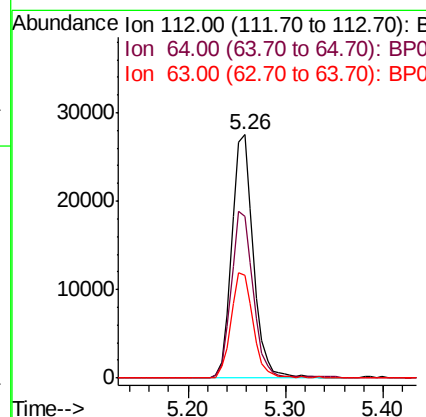
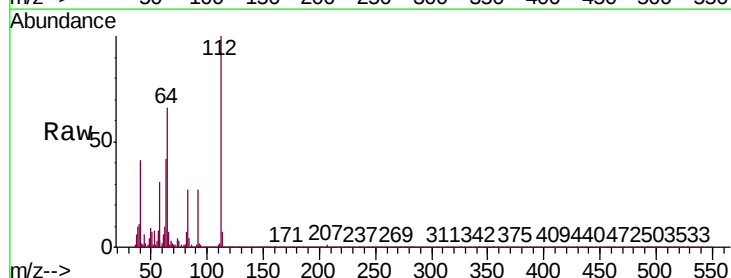
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.0	183.0
115	60.0	50.7	76.1

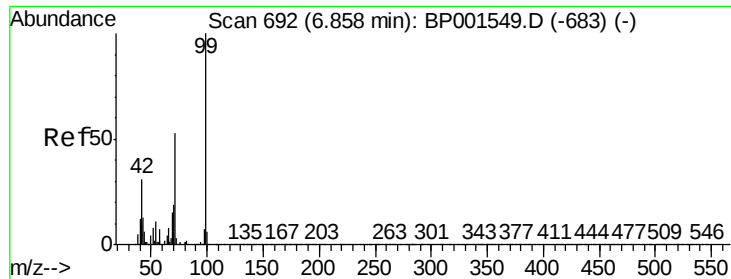


#5

2-Fluorophenol
Concen: 22.084 ng
RT: 5.26 min Scan# 420
Delta R.T. -0.01 min
Lab File: BP001631.D
Acq: 16 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	52.8	79.2
63	42.0	33.1	49.7





#7

Phenol-d6

Concen: 20.053 ng

RT: 6.82 min Scan# 686

Delta R.T. -0.01 min

Lab File: BP001631.D

Acq: 16 Jan 2020 17:01

Instrument :

BNA_P

ClientSampleId :

BU-RO-258

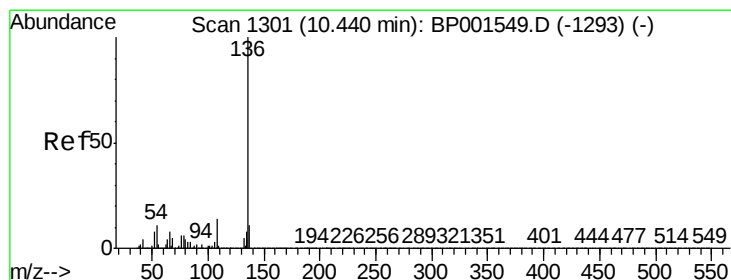
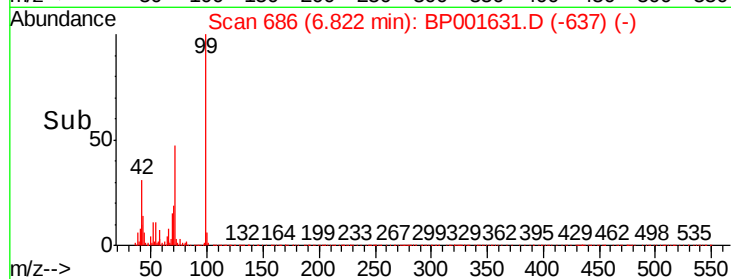
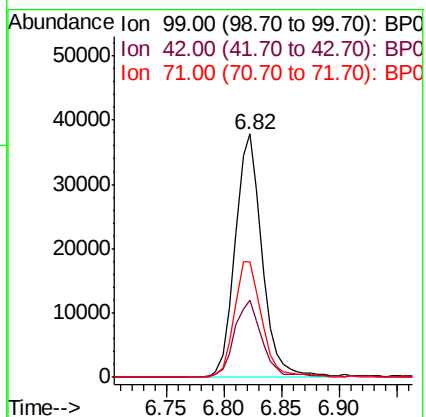
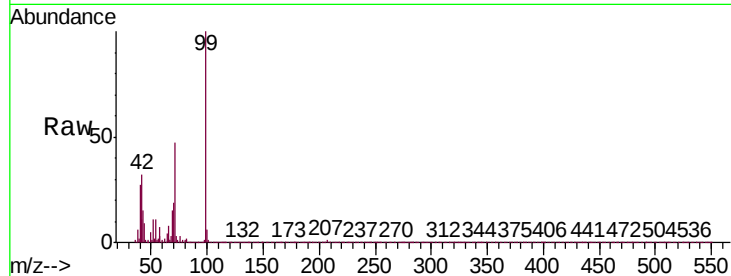
Tgt Ion: 99 Resp: 61122

Ion Ratio Lower Upper

99 100

42 31.7 24.5 36.7

71 47.5 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BP001631.D

Acq: 16 Jan 2020 17:01

Tgt Ion: 136 Resp: 138490

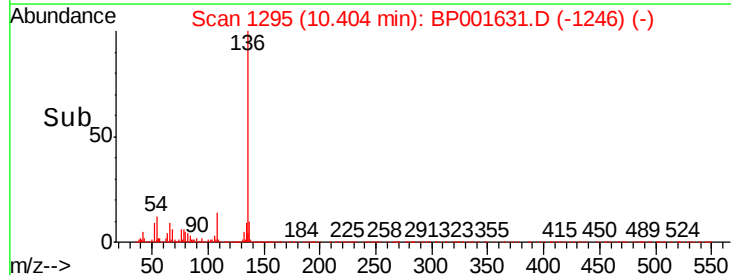
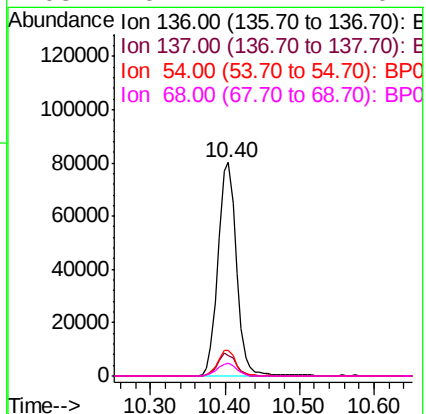
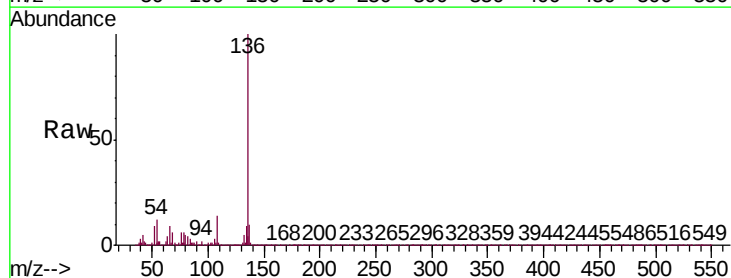
Ion Ratio Lower Upper

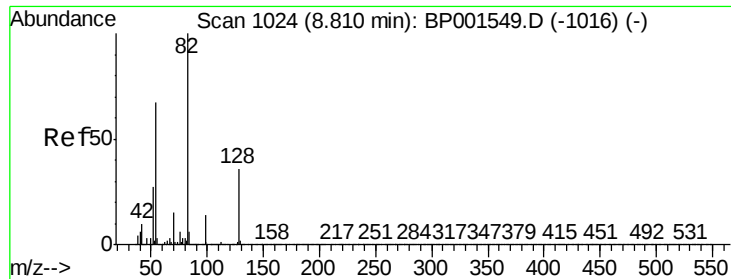
136 100

137 9.7 8.6 12.8

54 11.7 9.2 13.8

68 6.2 4.1 6.1#

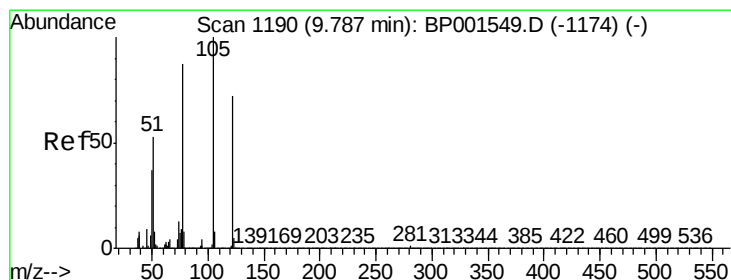
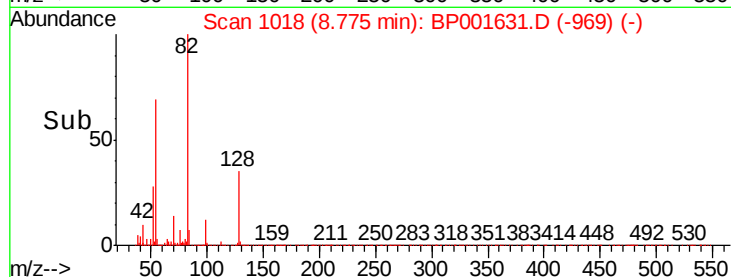
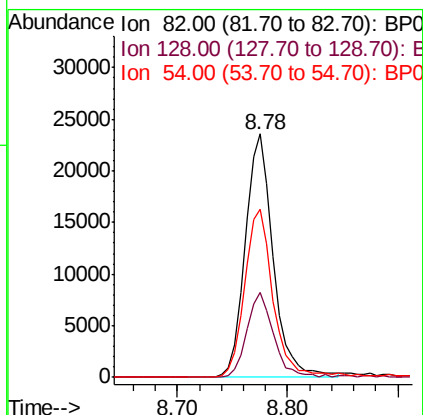
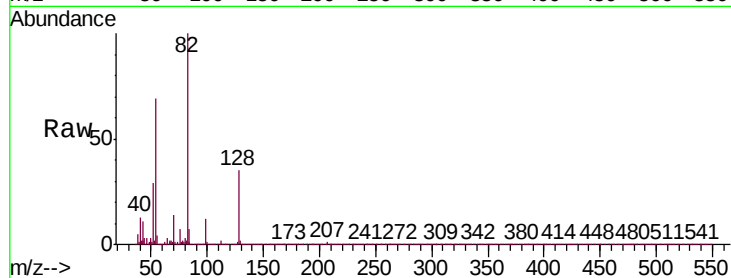




#23
 Nitrobenzene-d5
 Concen: 13.259 ng
 RT: 8.78 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BP001631.D
 Acq: 16 Jan 2020 17:01

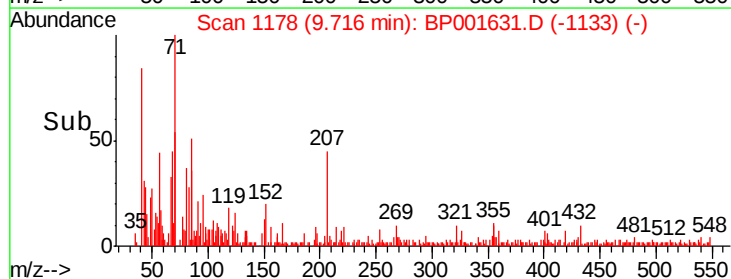
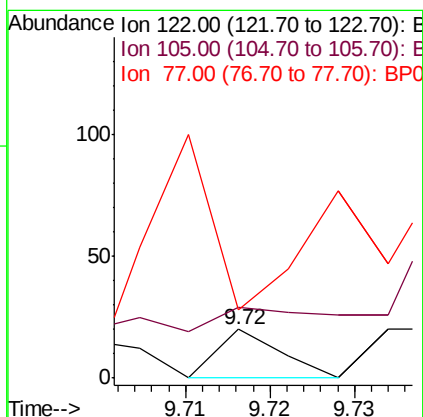
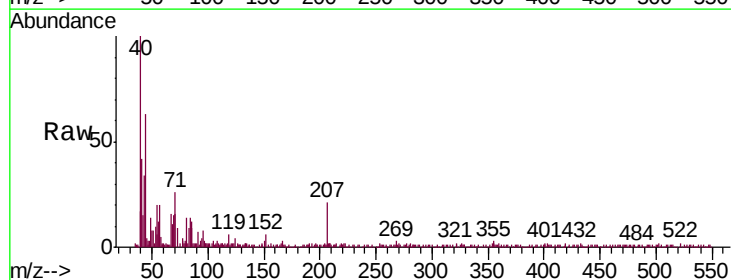
Instrument :
 BNA_P
 ClientSampleId :
 BU-RO-258

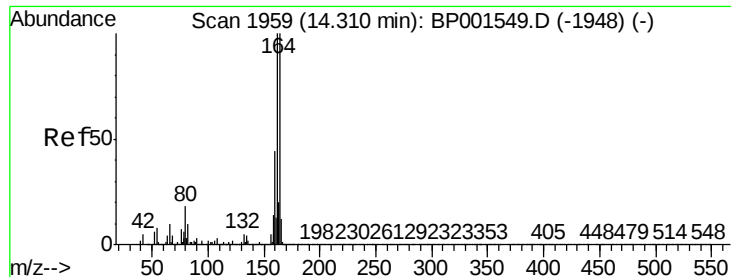
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	28.4	42.6
54	68.9	53.4	80.2



#32
 Benzoic acid
 Concen: 4.709 ng
 RT: 9.72 min Scan# 1178
 Delta R.T. -0.04 min
 Lab File: BP001631.D
 Acq: 16 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	145.0	119.5	159.5
77	140.0	102.8	142.8

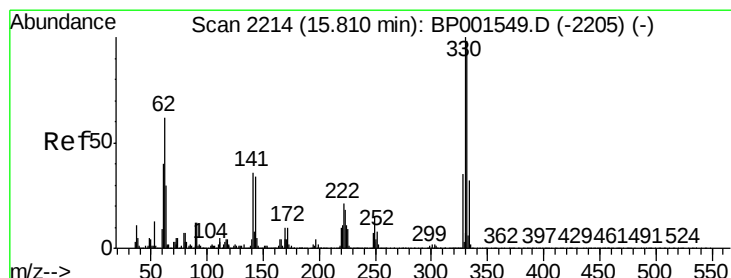
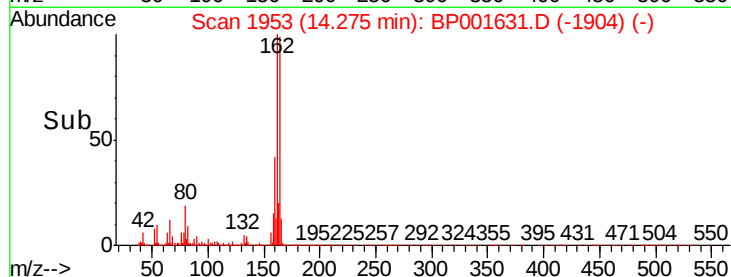
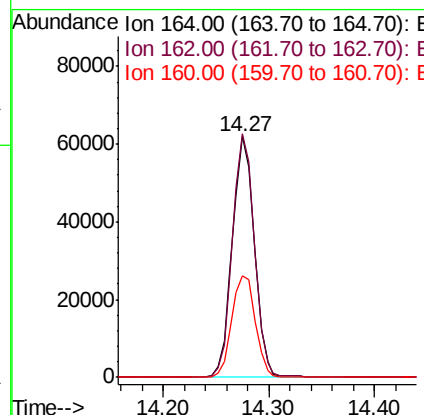
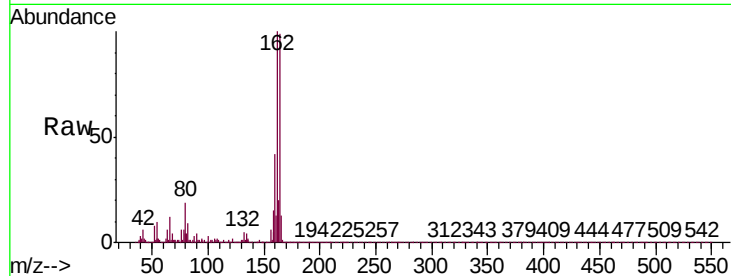




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BP001631.D
Acq: 16 Jan 2020 17:01

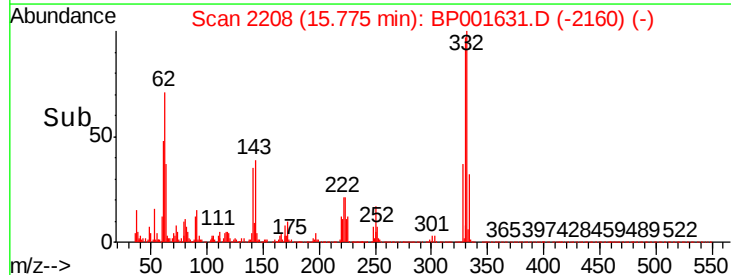
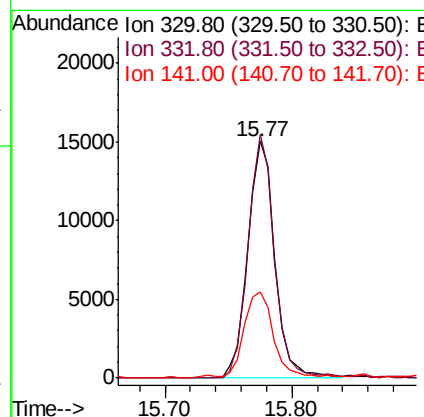
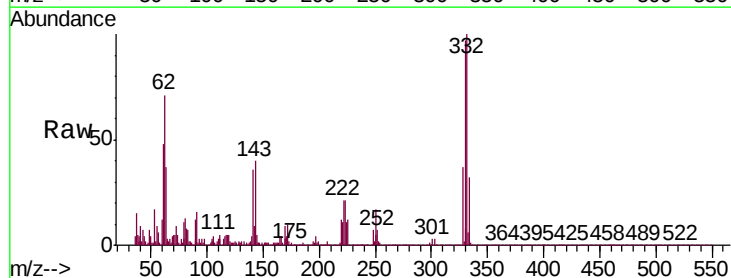
Instrument :
BNA_P
ClientSampleId :
BU-RO-258

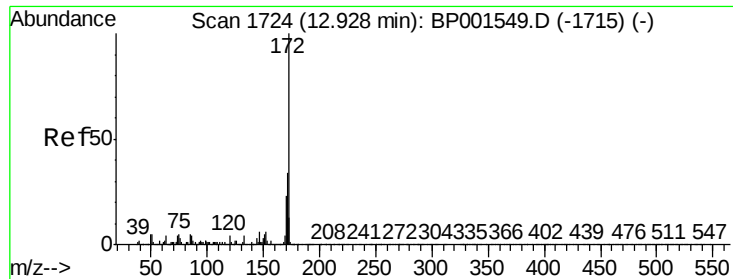
Tgt Ion:164 Resp: 89629
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.6
160 42.3 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 16.412 ng
RT: 15.77 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BP001631.D
Acq: 16 Jan 2020 17:01

Tgt Ion:330 Resp: 22392
Ion Ratio Lower Upper
330 100
332 100.1 77.8 116.6
141 38.4 28.7 43.1

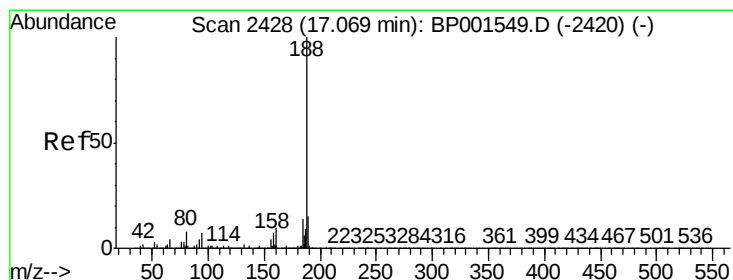
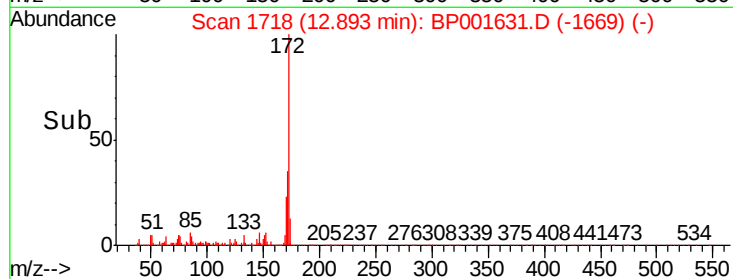
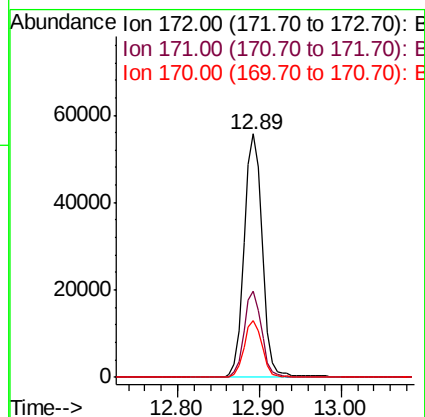
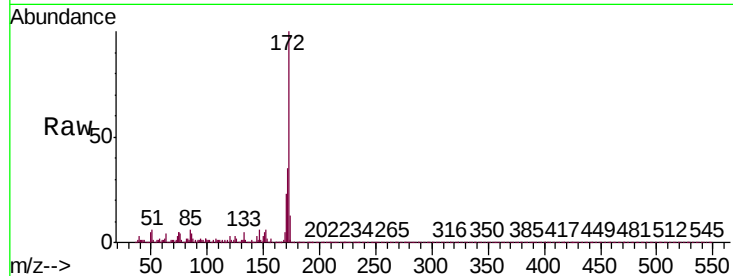




#45
2-Fluorobiphenyl
Concen: 14.199 ng
RT: 12.89 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BP001631.D
Acq: 16 Jan 2020 17:01

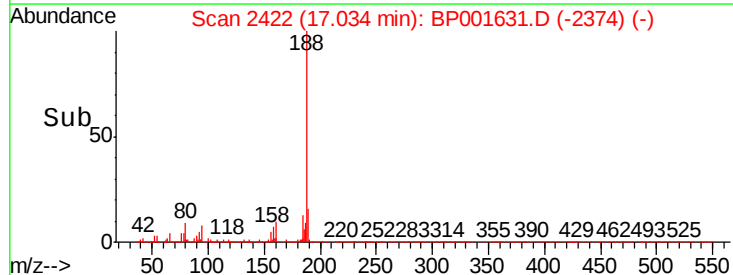
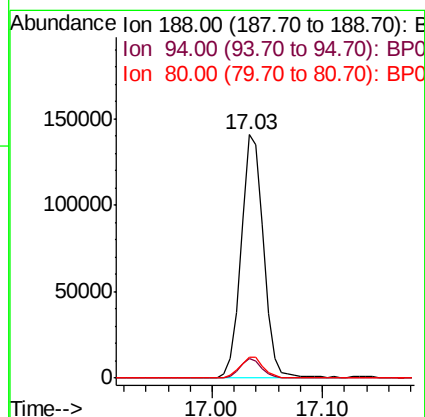
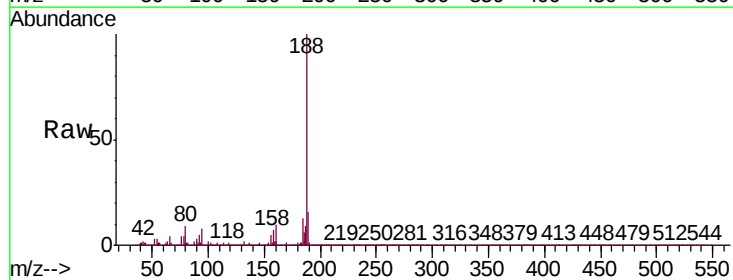
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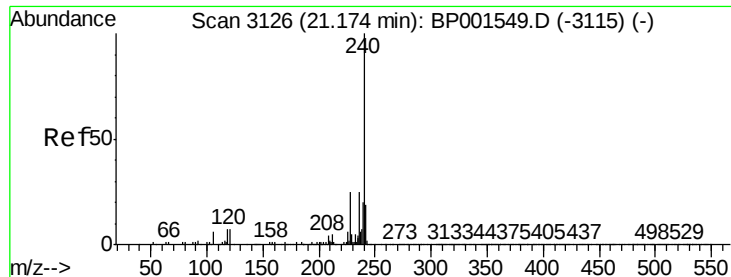
Tgt Ion:	172	Resp:	86556
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.6	41.4
170	23.2	18.3	27.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.03 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BP001631.D
Acq: 16 Jan 2020 17:01

Tgt Ion:	188	Resp:	200931
Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.9	8.9
80	8.7	6.8	10.2

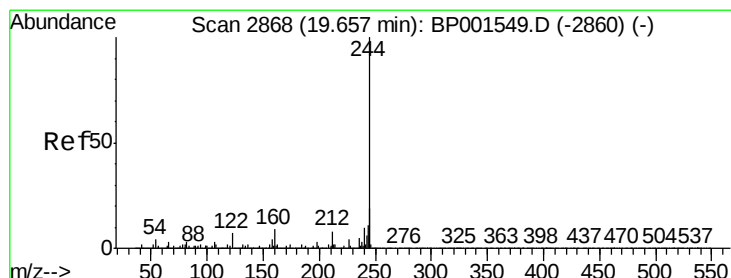
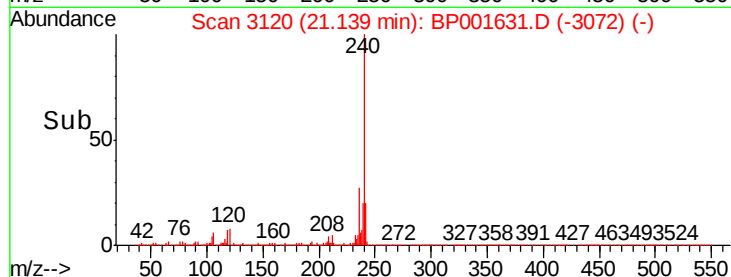
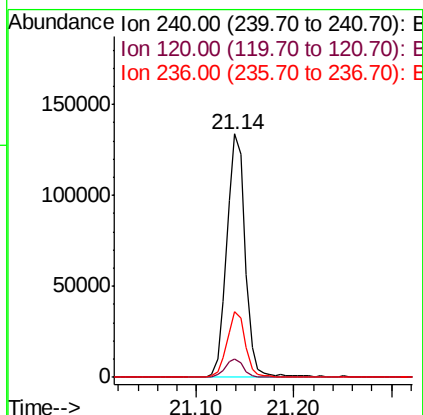
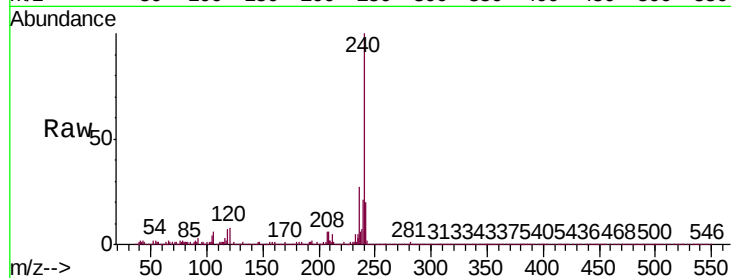




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BP001631.D
Acq: 16 Jan 2020 17:01

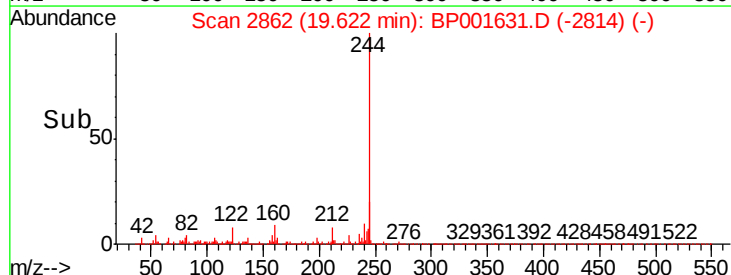
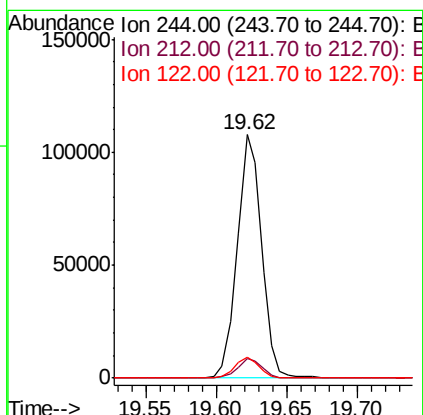
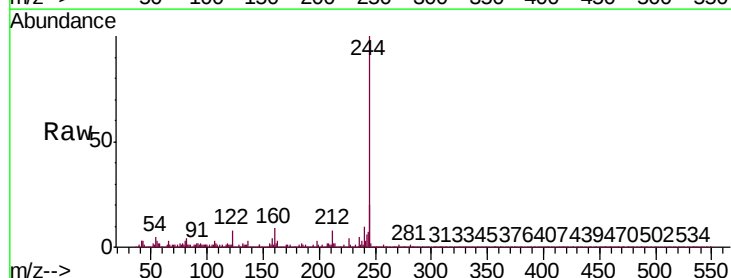
Instrument :
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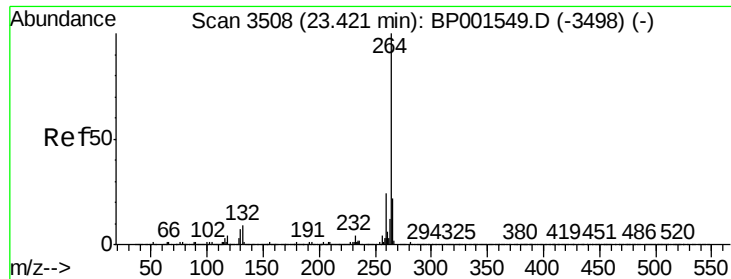
Tgt Ion:240 Resp: 174869
Ion Ratio Lower Upper
240 100
120 7.7 5.7 8.5
236 27.1 20.4 30.6



#79
Terphenyl-d14
Concen: 13.559 ng
RT: 19.62 min Scan# 2862
Delta R.T. -0.02 min
Lab File: BP001631.D
Acq: 16 Jan 2020 17:01

Tgt Ion:244 Resp: 129631
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.4 5.8 8.6

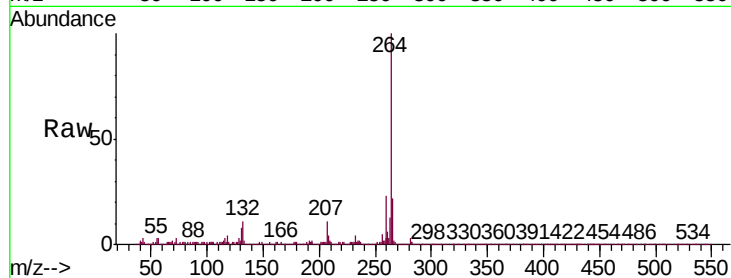




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BP001631.D
Acq: 16 Jan 2020 17:01

Instrument :
BNA_P
ClientSampleId :
BU-RO-258

Tgt Ion:	264	Resp:	184180
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.0	28.6
265	22.4	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

