

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
 Data File : BP001631.D
 Acq On : 16 Jan 2020 17:01
 Operator : JU
 Sample : L1004-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-RO-258

Quant Time: Jan 17 09:42:21 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

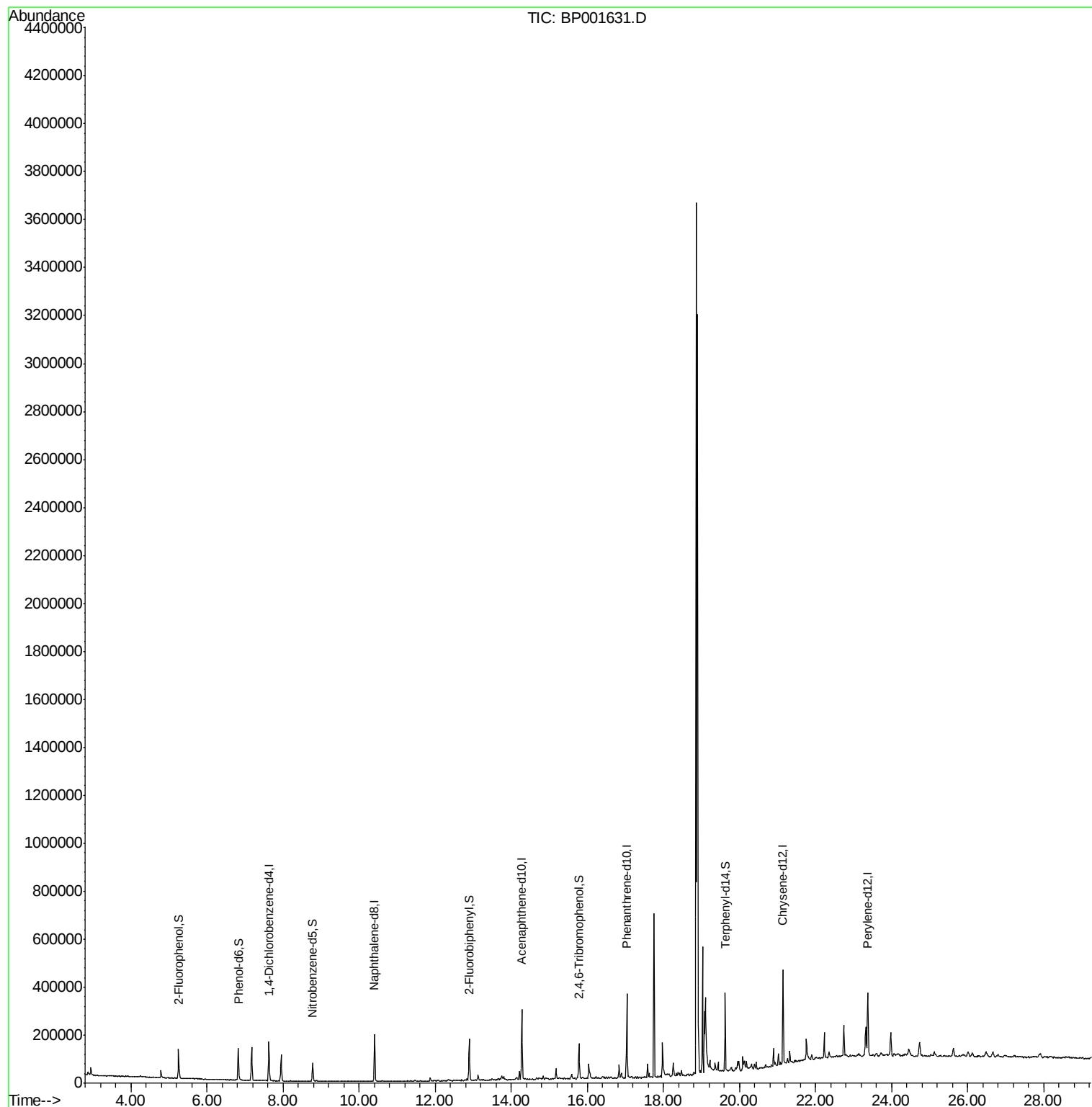
Target Compounds	Qvalue
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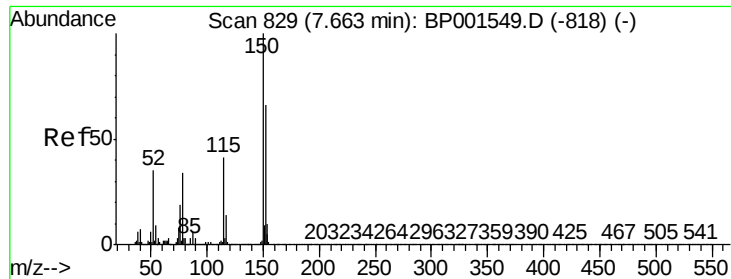
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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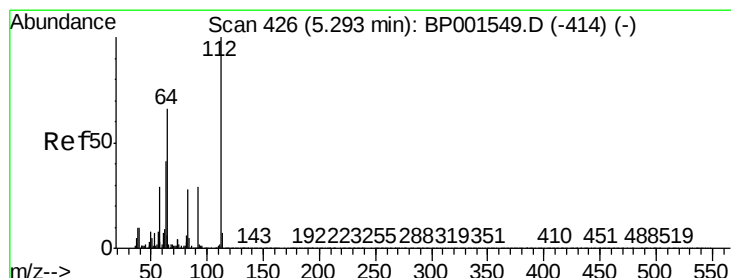
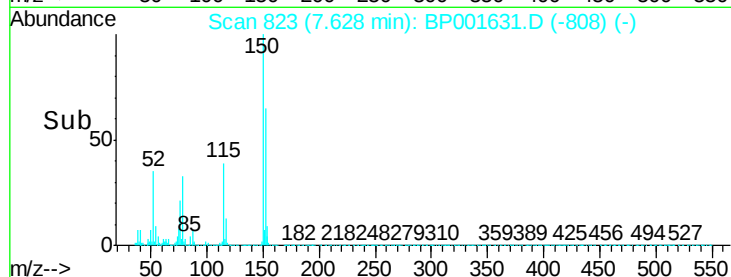
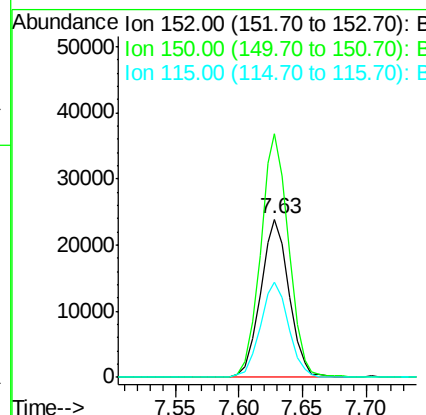
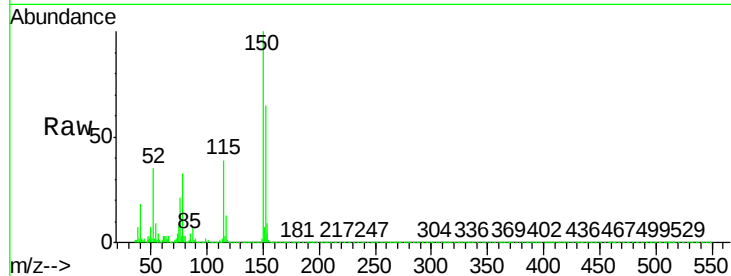




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001631.D
Acq: 16 Jan 2020 17:01

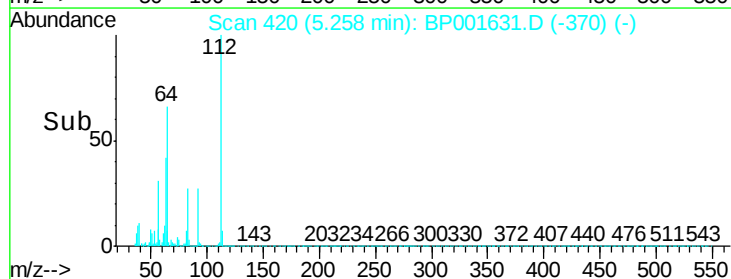
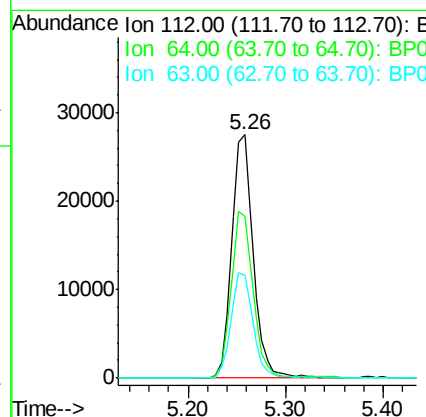
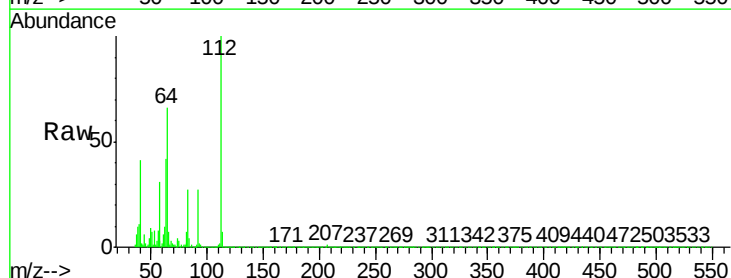
Instrument :
BNA_P
ClientSampleId :
BU-RO-258

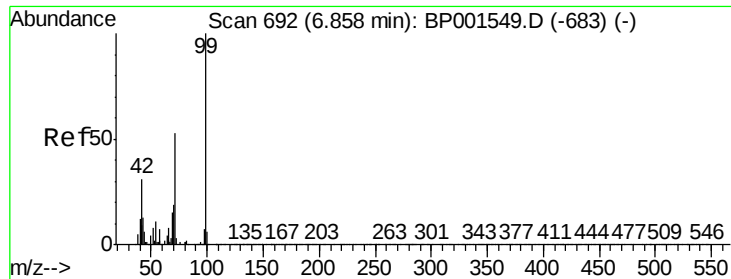
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.0	183.0
115	60.0	50.7	76.1



#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

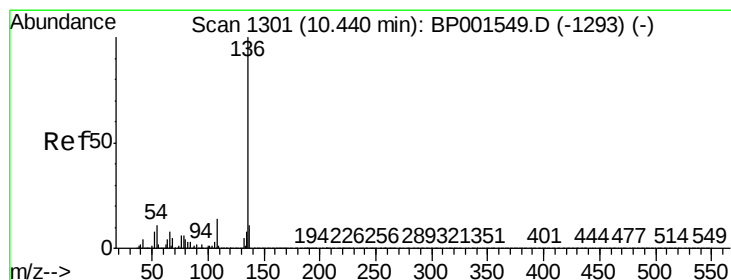
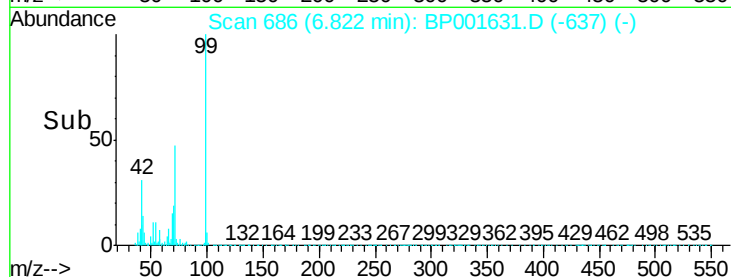
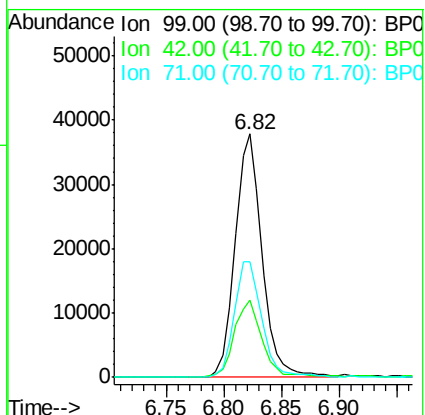
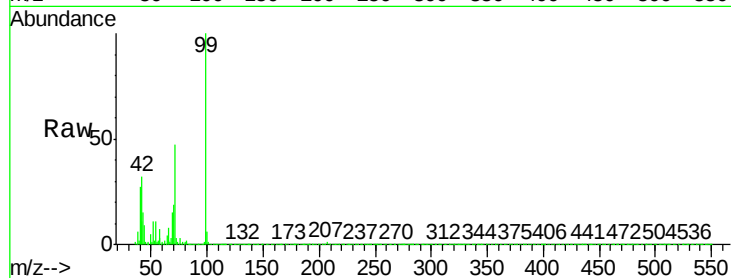
Tot Ion: 99 Resp: 61122

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

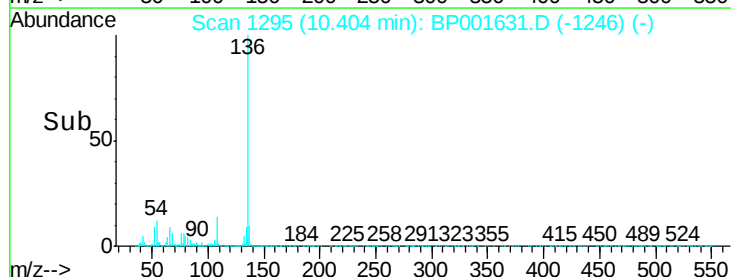
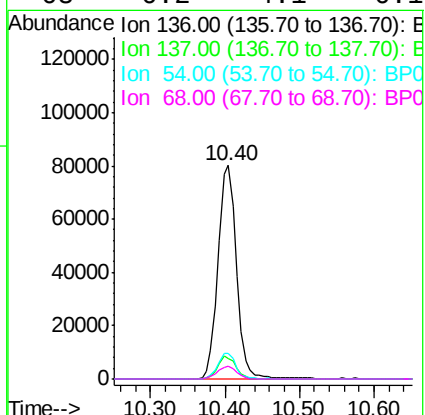
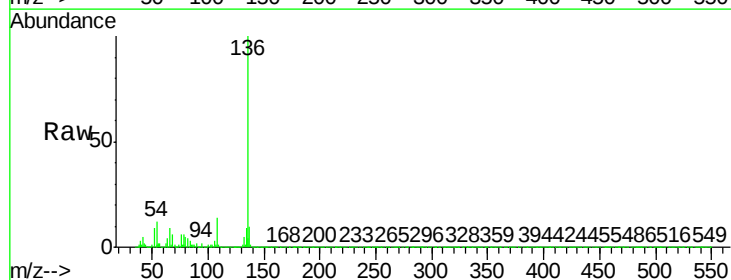
Ion Ratio Lower Upper

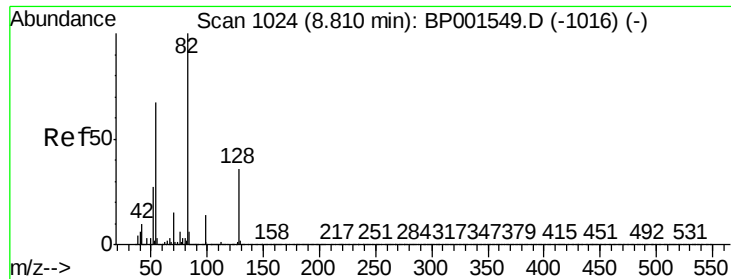
136 100

137 9.7 8.6 12.8

54 11.7 9.2 13.8

68 6.2 4.1 6.1#

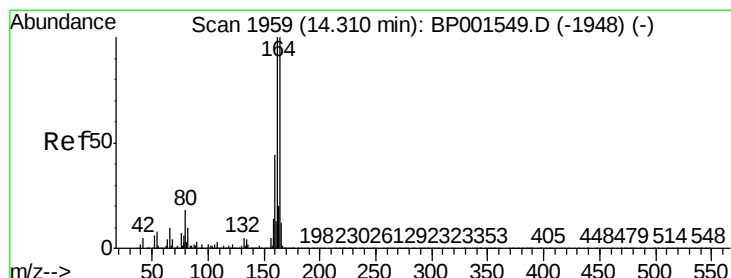
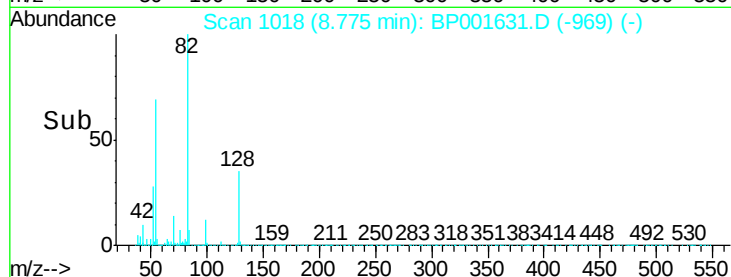
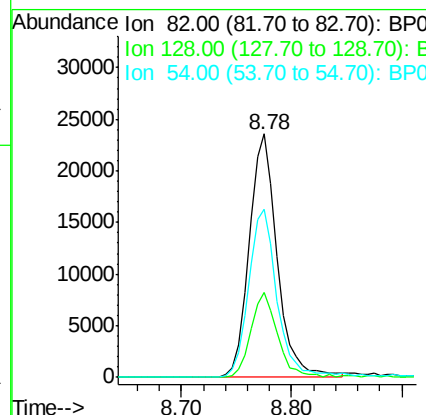
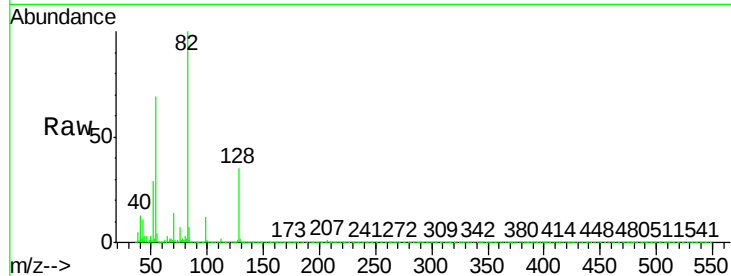




#23
 Nitrobenzene-d5
 Concen: 13.259 ng
 RT: 8.78 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BP001631.D
 Acq: 16 Jan 2020 17:01

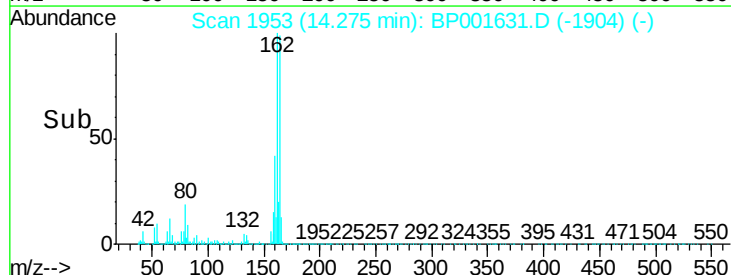
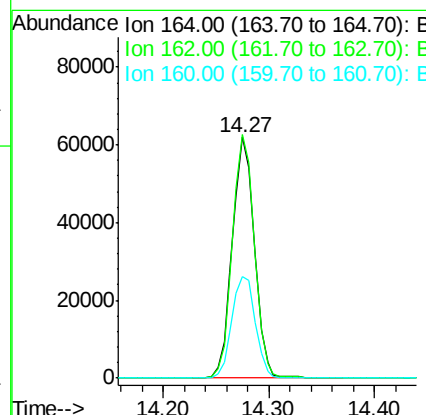
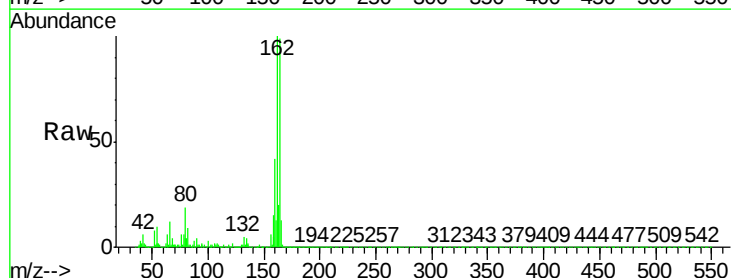
Instrument :
 BNA_P
 ClientSampleId :
 BU-RO-258

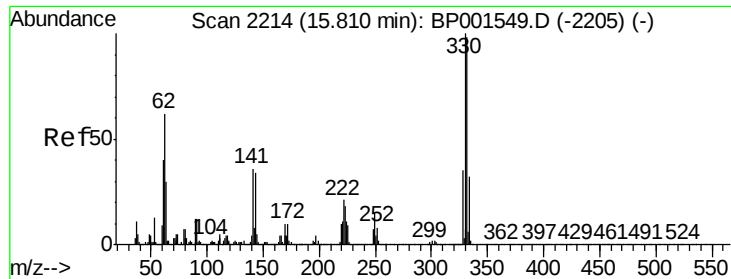
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.6	28.4	42.6
54	68.9	53.4	80.2



#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

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

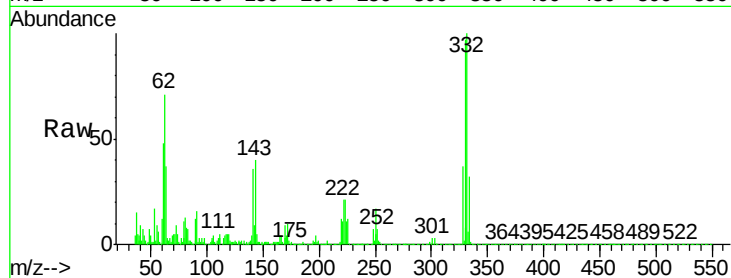




#42
 2,4,6-Tribromophenol
 Concen: 16.412 ng
 RT: 15.77 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BP001631.D
 Acq: 16 Jan 2020 17:01

Instrument :
 BNA_P
 ClientSampleId :
 BU-RO-258

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.8	116.6
141	38.4	28.7	43.1

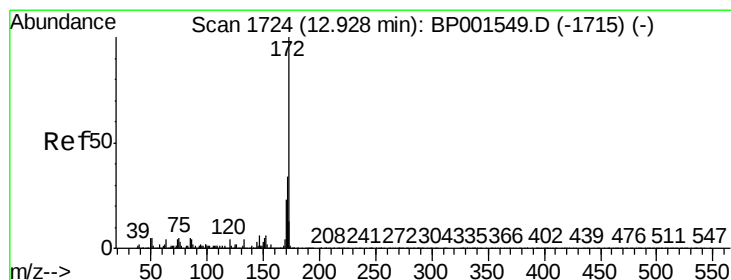
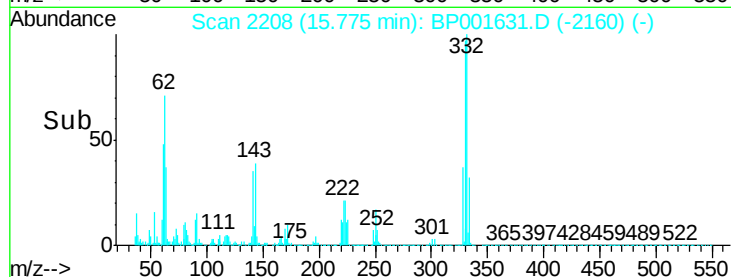
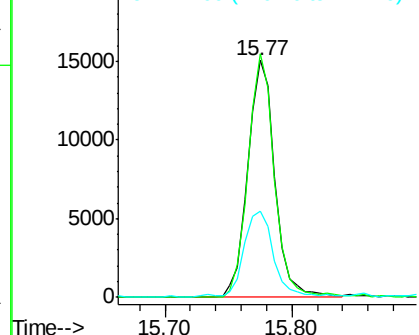


Abundance

Ion 329.80 (329.50 to 330.50): E

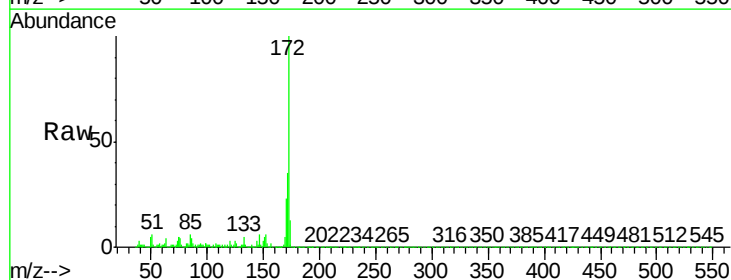
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 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

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

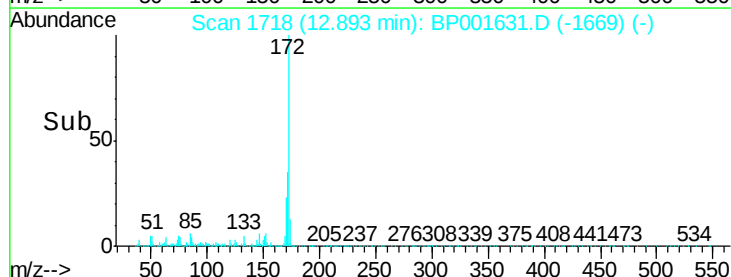
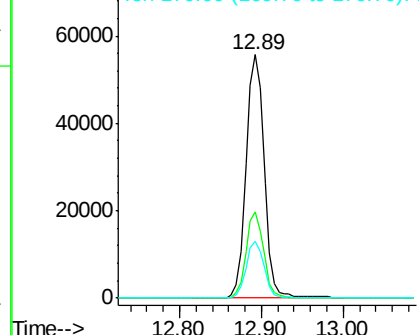


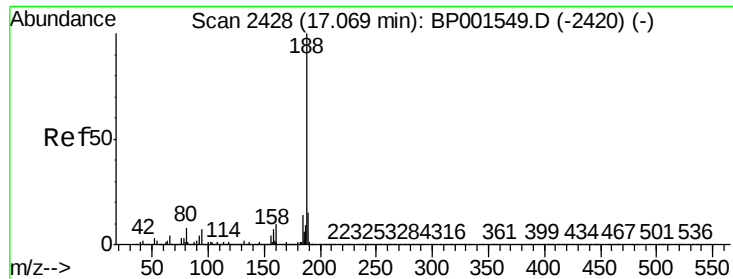
Abundance

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





#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

Instrument :

BNA_P

ClientSampleId :

BU-RO-258

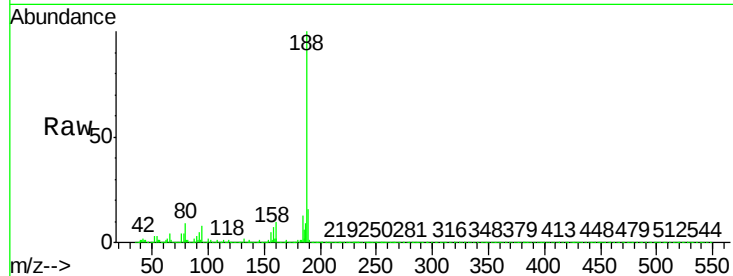
Tot Ion:188 Resp: 200931

Ion Ratio Lower Upper

188 100

94 8.1 5.9 8.9

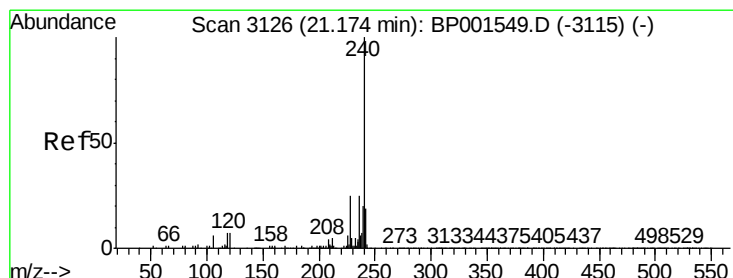
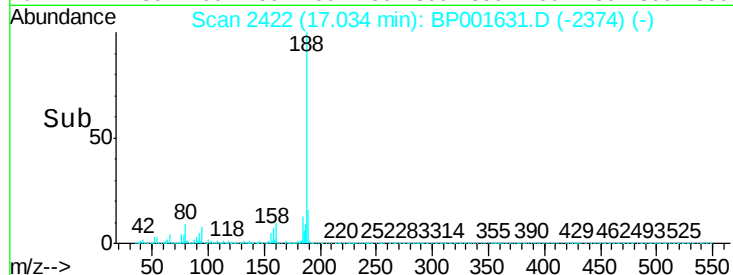
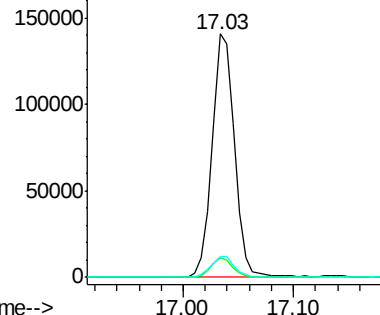
80 8.7 6.8 10.2



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# 3120

Delta R.T. -0.02 min

Lab File: BP001631.D

Acq: 16 Jan 2020 17:01

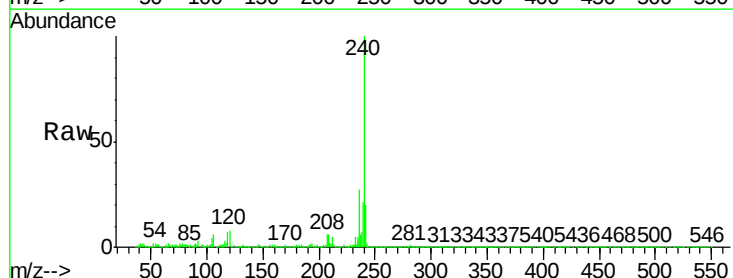
Tgt Ion:240 Resp: 174869

Ion Ratio Lower Upper

240 100

120 7.7 5.7 8.5

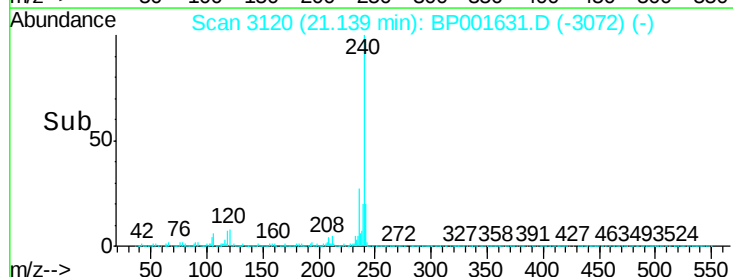
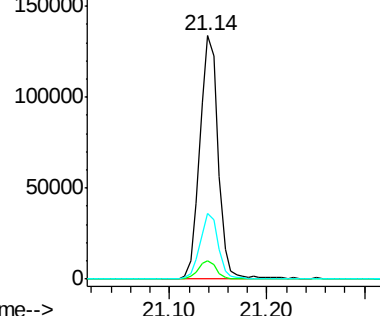
236 27.1 20.4 30.6

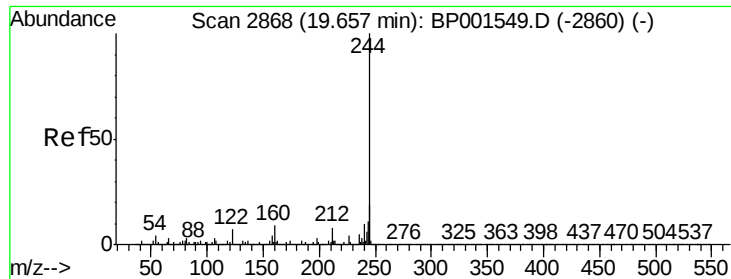


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#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

Instrument :

BNA_P

ClientSampleId :

BU-RO-258

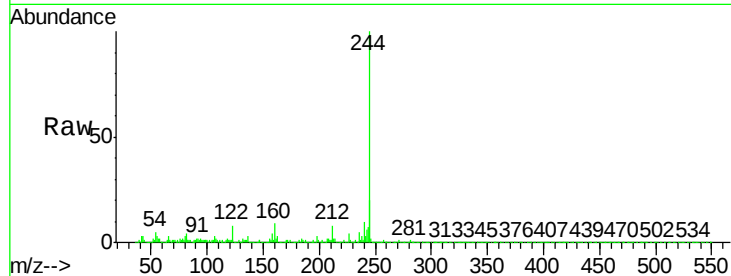
Tot Ion:244 Resp: 129631

Ion Ratio Lower Upper

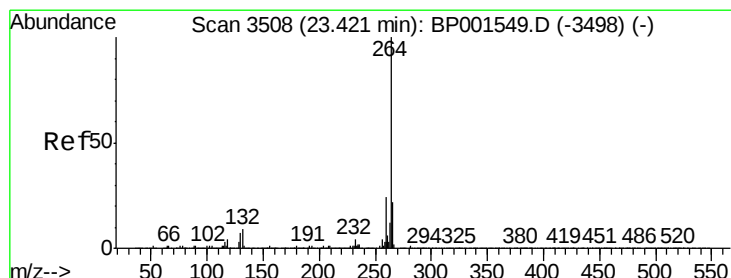
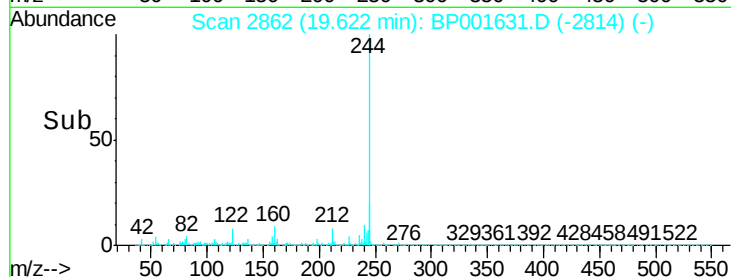
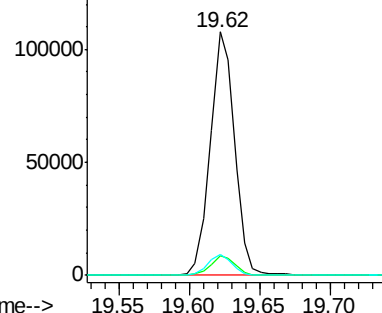
244 100

212 7.9 6.3 9.5

122 8.4 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

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

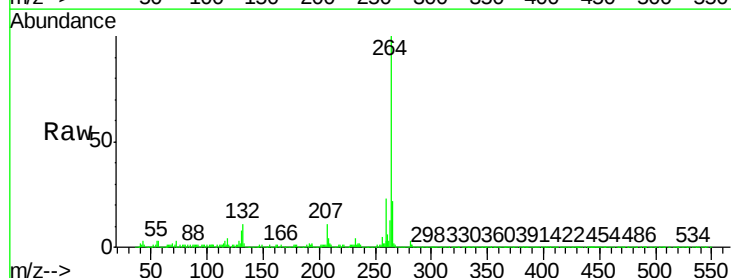
Tgt Ion:264 Resp: 184180

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

