

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
 Data File : BP001662.D
 Acq On : 17 Jan 2020 17:53
 Operator : JU
 Sample : L1155-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-200028

Manual Integrations
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mohammad
 1/21/2020 7:53:01 AM

Quant Time: Jan 18 03:56:33 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	52028	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	193704	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	129109	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	265768	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	188109	20.00	ng	-0.01
87) Perylene-d12	23.37	264	195624	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	341758	128.67	ng	0.00
7) Phenol-d6	6.83	99	498202	117.37	ng	0.00
23) Nitrobenzene-d5	8.78	82	355417	80.18	ng	0.00
42) 2,4,6-Tribromophenol	15.78	330	170245	86.63	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	699392	79.65	ng	0.00
79) Terphenyl-d14	19.63	244	868626	84.46	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	18476	4.208	ng	98
50) Dimethylphthalate	13.75	163	52492	4.936	ng	97
71) Phenanthrene	17.08	178	47945	3.317	ng	97
75) Fluoranthene	19.06	202	81512	4.286	ng	99
78) Pyrene	19.42	202	68519	4.959	ng	98
81) Benzo(a)anthracene	21.13	228	34786	2.655	ng	98
83) Chrysene	21.17	228	33539	2.627	ng	97
88) Benzo(b)fluoranthene	22.70	252	48669m	3.948	ng	
90) Benzo(a)pyrene	23.27	252	28213	2.410	ng	# 88

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

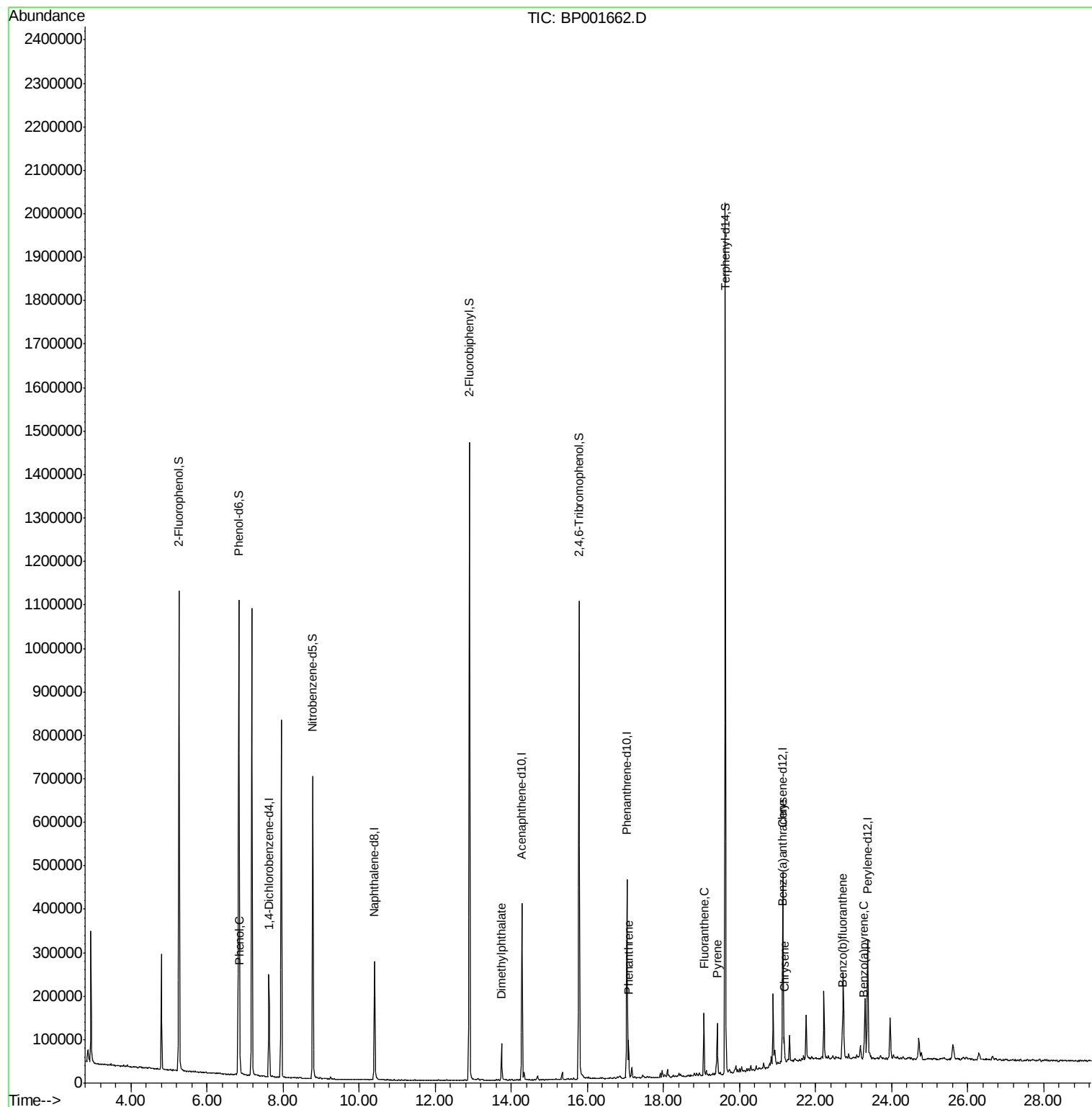
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001662.D
Acq On : 17 Jan 2020 17:53
Operator : JU
Sample : L1155-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

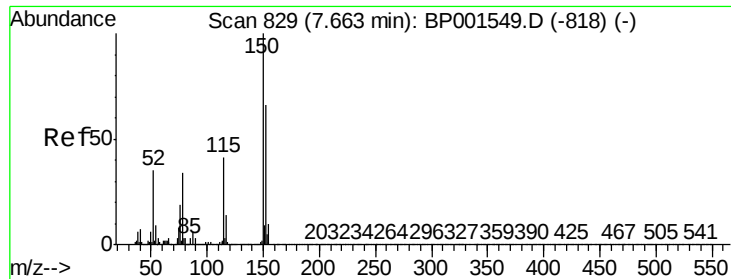
Instrument :
BNA_P
ClientSampleId :
RBR-200028

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

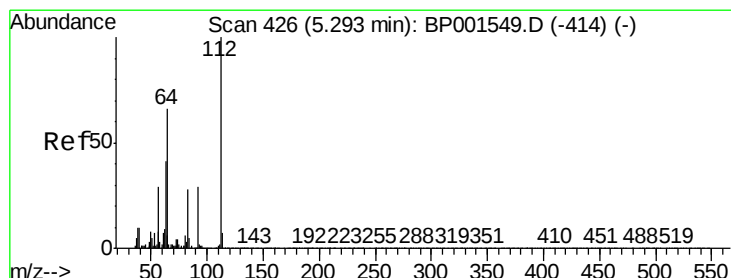
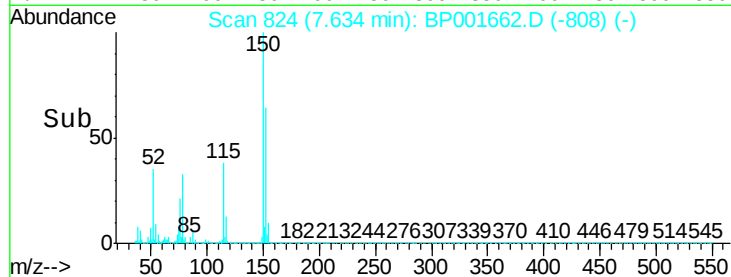
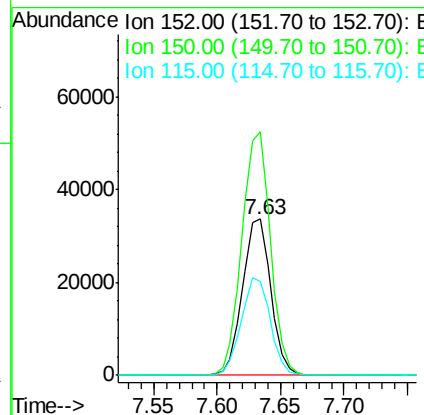
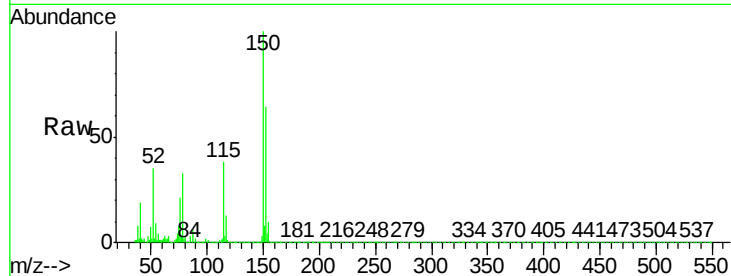
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001662.D
Acq: 17 Jan 2020 17:53

Instrument :
BNA_P
ClientSampleId :
RBR-200028

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.0	183.0
115	59.8	50.7	76.1

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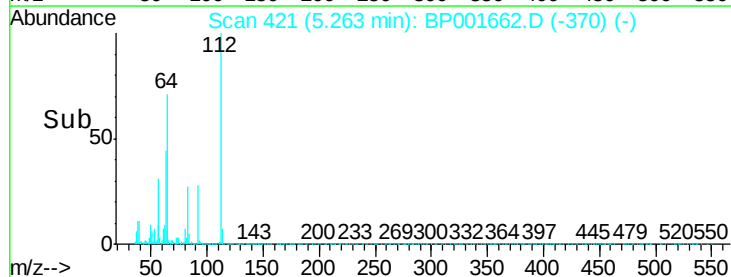
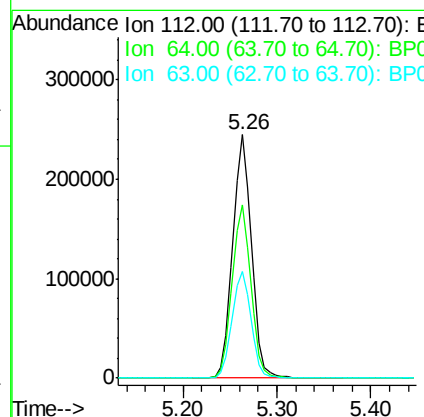
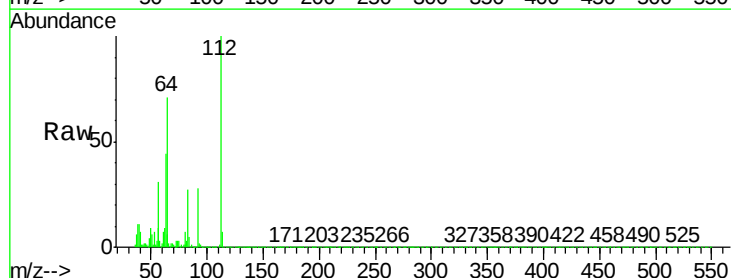
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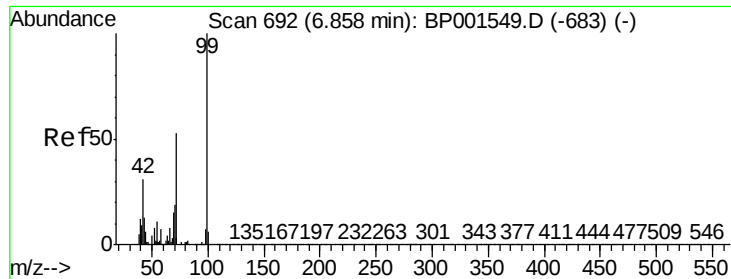


#5

2-Fluorophenol
Concen: 128.675 ng
RT: 5.26 min Scan# 421
Delta R.T. -0.00 min
Lab File: BP001662.D
Acq: 17 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	52.8	79.2
63	44.0	33.1	49.7





#7

Phenol-d6

Concen: 117.369 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001662.D

Acq: 17 Jan 2020 17:53

Instrument :

BNA_P

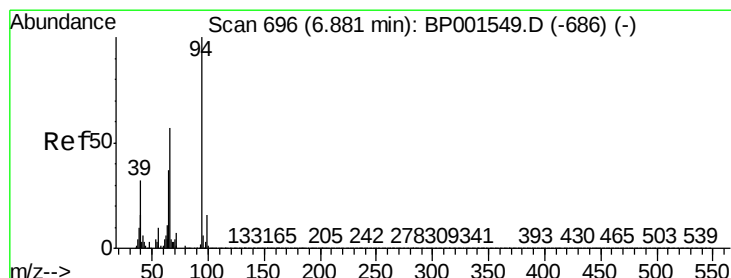
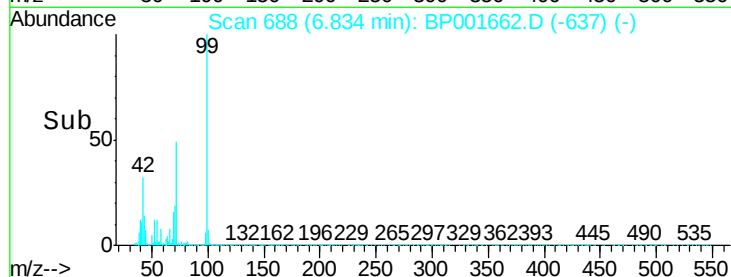
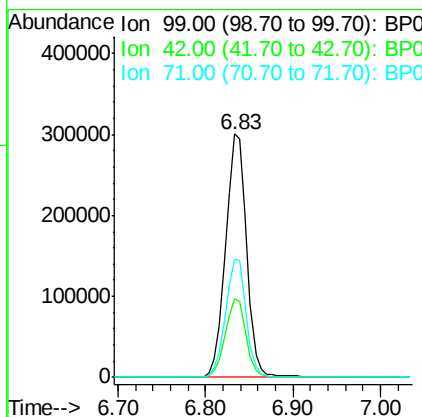
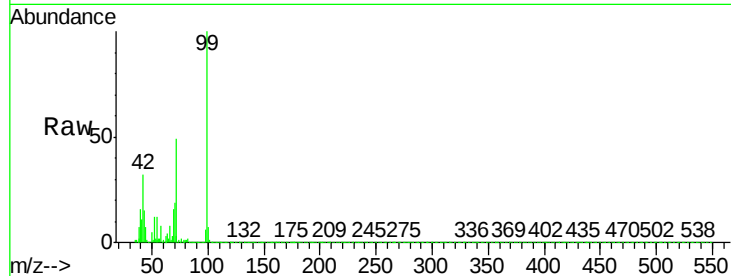
ClientSampleId :

RBR-200028

Tot Ion:	99	Resp:	498202
Ion Ratio	Lower	Upper	
99	100		
42	32.0	24.5	36.7
71	48.7	42.4	63.6

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#10

Phenol

Concen: 4.208 ng

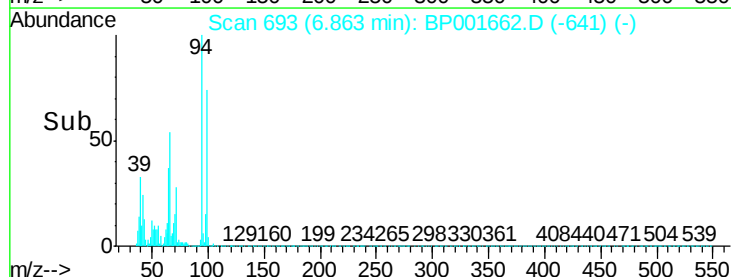
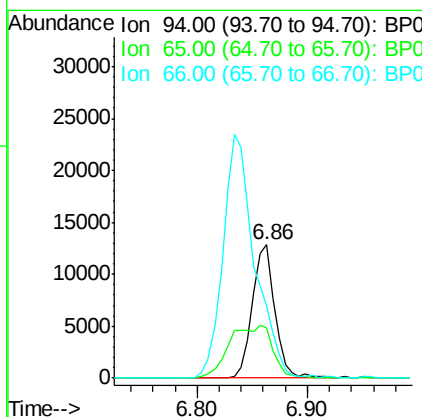
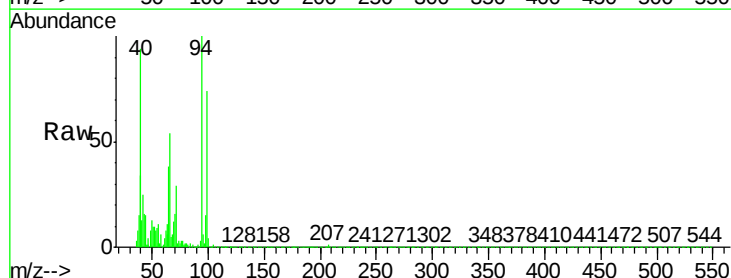
RT: 6.86 min Scan# 693

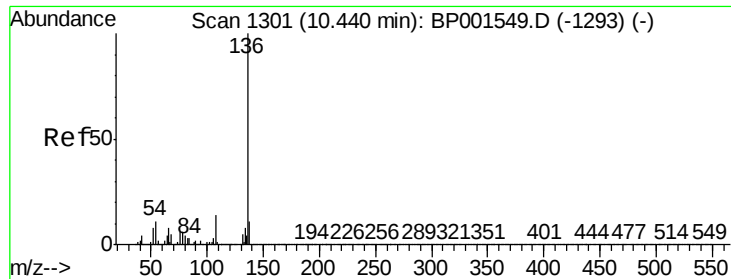
Delta R.T. 0.01 min

Lab File: BP001662.D

Acq: 17 Jan 2020 17:53

Tgt Ion:	94	Resp:	18476
Ion Ratio	Lower	Upper	
94	100		
65	37.7	17.5	57.5
66	54.0	36.7	76.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP001662.D

Acq: 17 Jan 2020 17:53

Instrument :

BNA_P

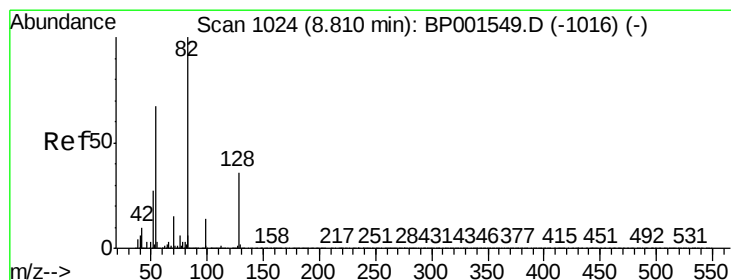
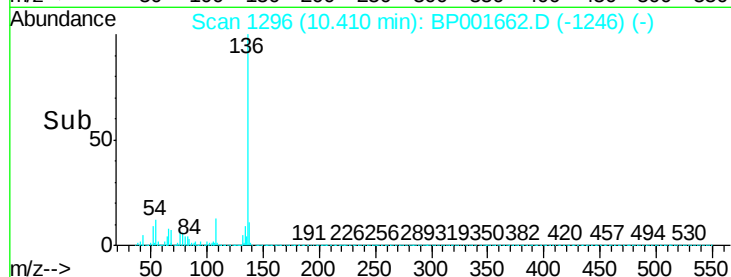
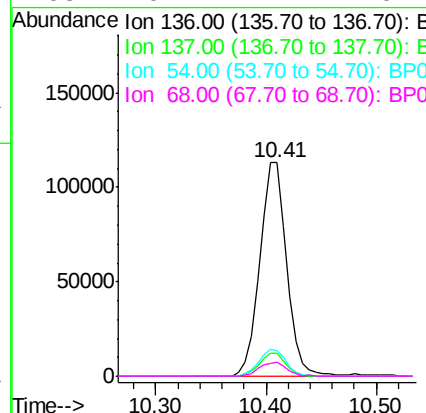
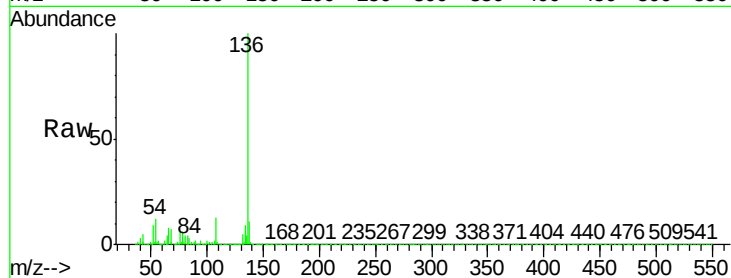
ClientSampleId :

RBR-200028

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.6	12.8
54	11.8	9.2	13.8
68	6.7	4.1	6.1#

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#23

Nitrobenzene-d5

Concen: 80.178 ng

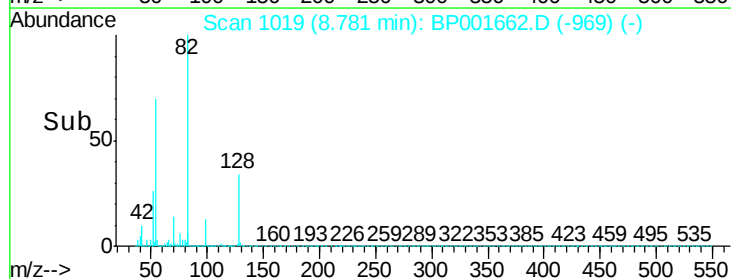
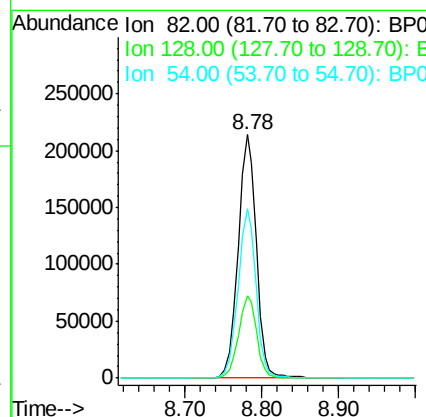
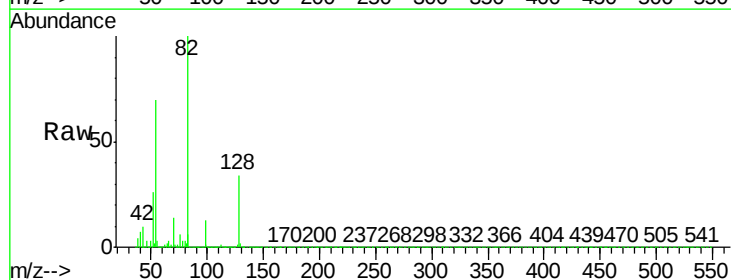
RT: 8.78 min Scan# 1019

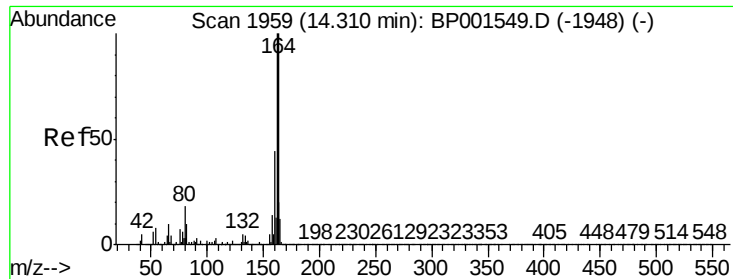
Delta R.T. -0.01 min

Lab File: BP001662.D

Acq: 17 Jan 2020 17:53

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	33.7	28.4	42.6
54	69.5	53.4	80.2





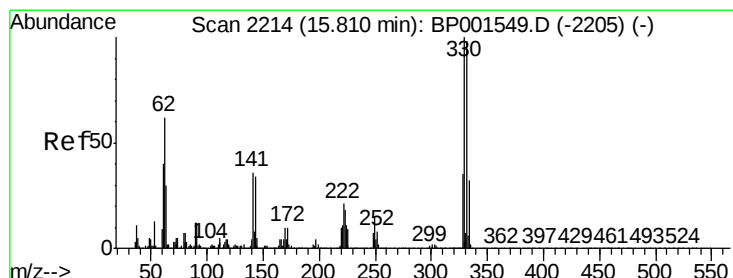
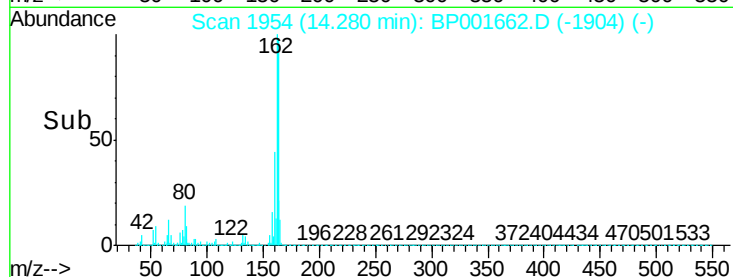
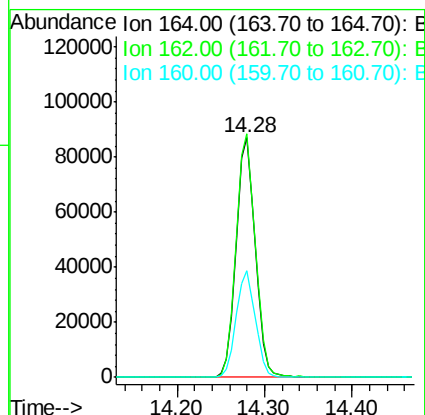
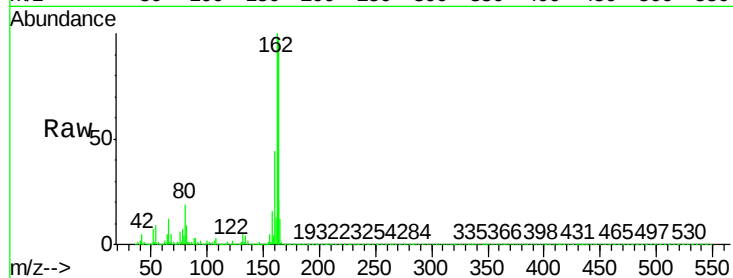
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP001662.D
Acq: 17 Jan 2020 17:53

Instrument :
BNA_P
ClientSampleId :
RBR-200028

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.8	119.6
160	44.4	35.0	52.6

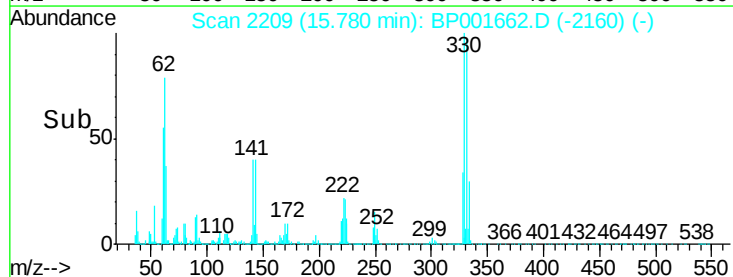
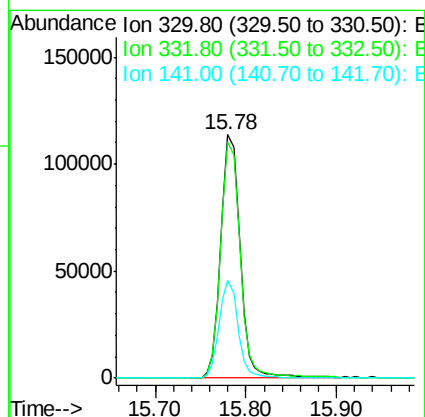
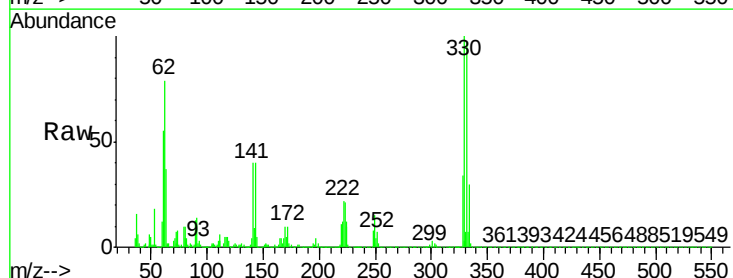
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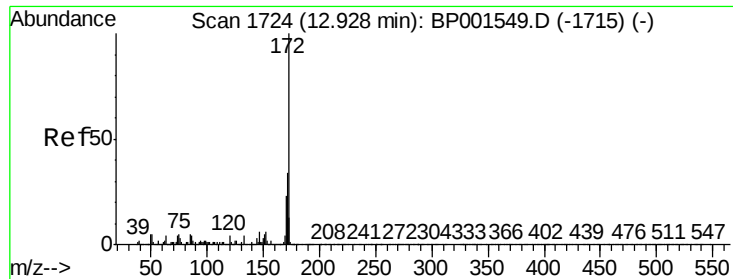
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#42
2,4,6-Tribromophenol
Concen: 86.626 ng
RT: 15.78 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BP001662.D
Acq: 17 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.8	116.6
141	39.0	28.7	43.1





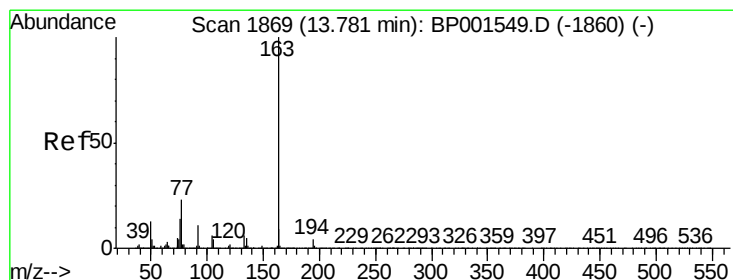
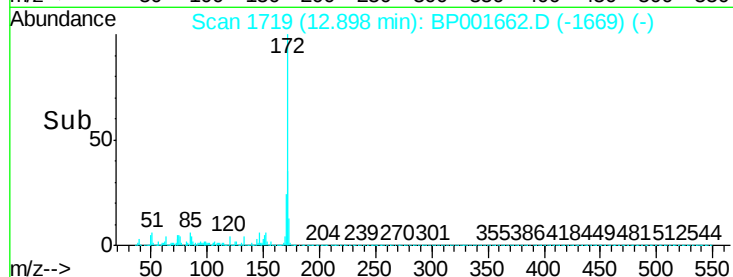
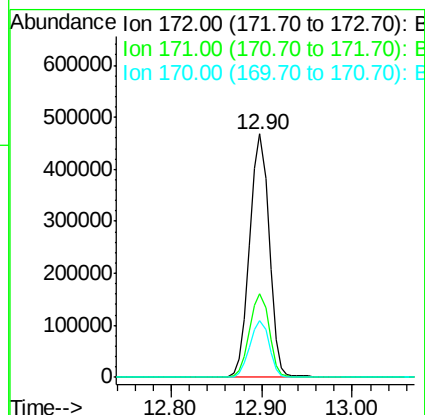
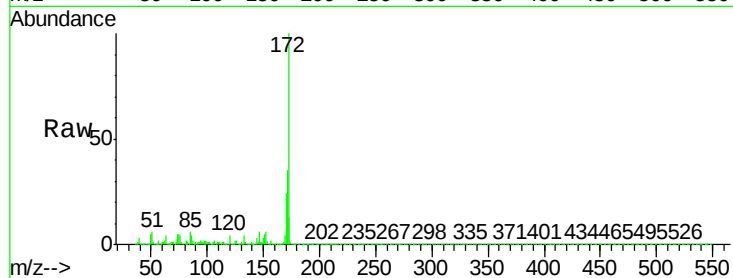
#45
2-Fluorobiphenyl
Concen: 79.646 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP001662.D
Acq: 17 Jan 2020 17:53

Instrument :
BNA_P
ClientSampleId :
RBR-200028

Tot Ion:172	Resp:	699392
Ion Ratio	Lower	Upper
172 100		
171 34.6	27.6	41.4
170 23.5	18.3	27.5

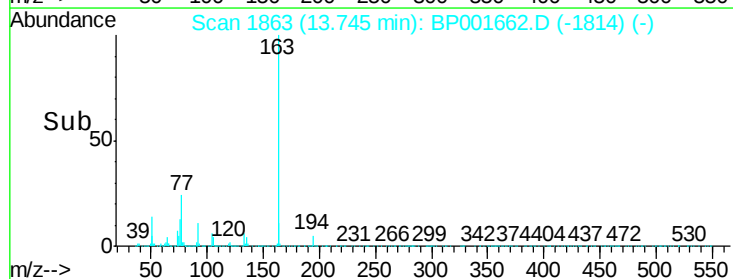
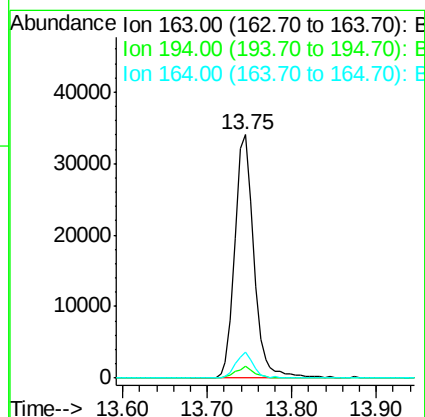
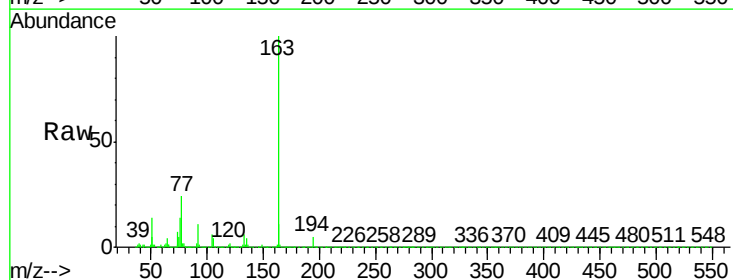
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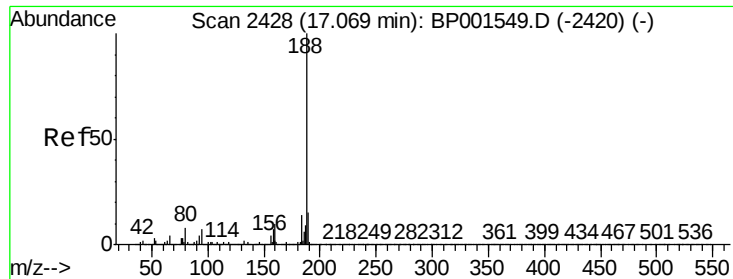
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#50
Dimethylphthalate
Concen: 4.936 ng
RT: 13.75 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BP001662.D
Acq: 17 Jan 2020 17:53

Tgt Ion:163	Resp:	52492
Ion Ratio	Lower	Upper
163 100		
194 4.8	3.6	5.4
164 10.7	7.5	11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BP001662.D

Acq: 17 Jan 2020 17:53

Instrument :

BNA_P

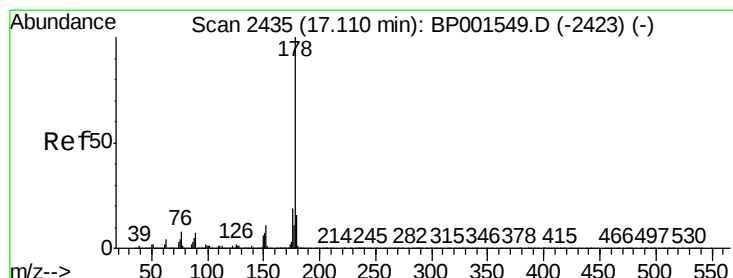
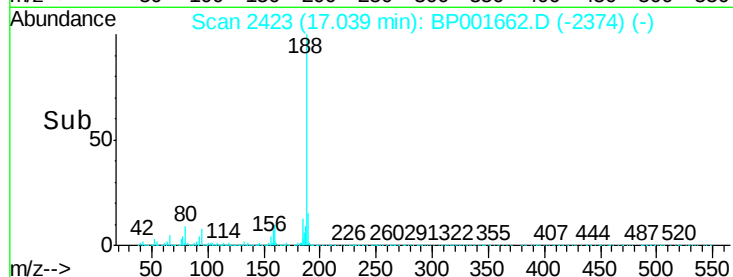
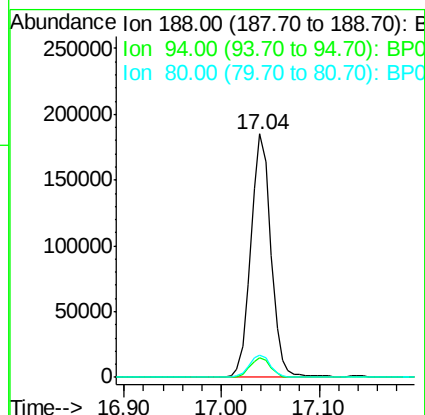
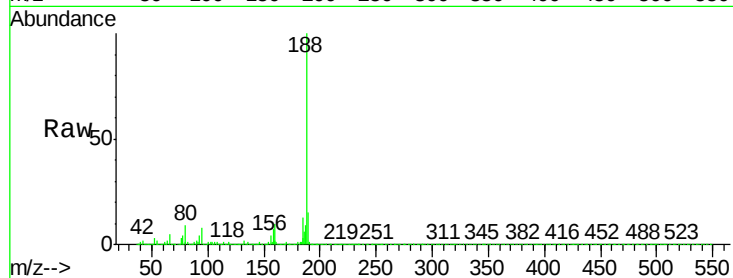
ClientSampleId :

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Tot Ion:	188	Resp:	265768
Ion Ratio	Lower	Upper	
188	100		
94	8.1	5.9	8.9
80	9.1	6.8	10.2

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#71

Phenanthrene

Concen: 3.317 ng

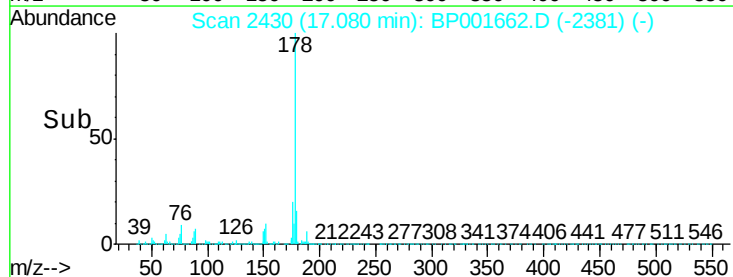
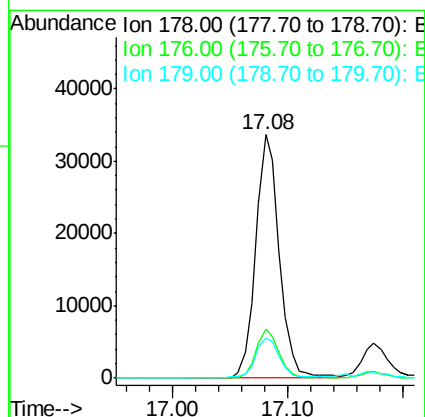
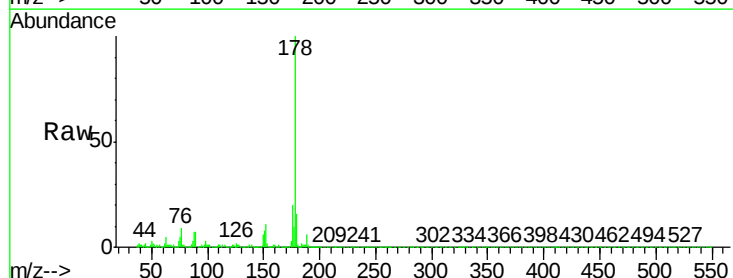
RT: 17.08 min Scan# 2430

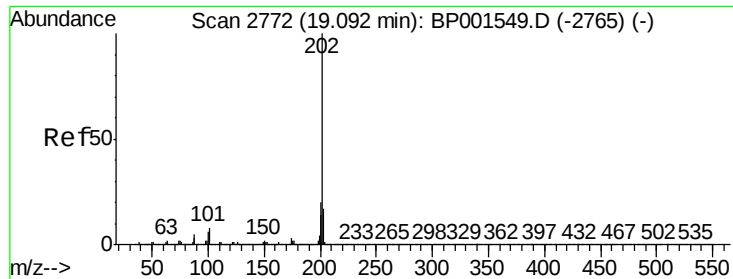
Delta R.T. -0.01 min

Lab File: BP001662.D

Acq: 17 Jan 2020 17:53

Tgt Ion:	178	Resp:	47945
Ion Ratio	Lower	Upper	
178	100		
176	20.1	14.9	22.3
179	16.4	12.5	18.7





#75

Fluoranthene

Concen: 4.286 ng

RT: 19.06 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BP001662.D

Acq: 17 Jan 2020 17:53

Instrument :

BNA_P

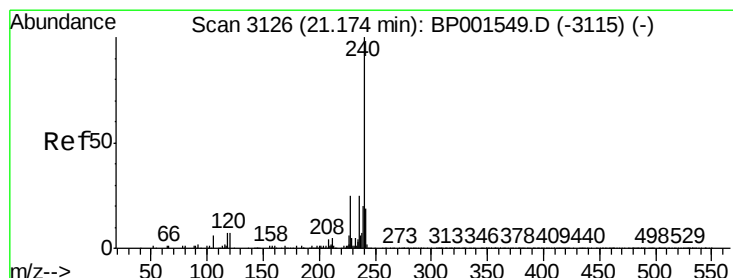
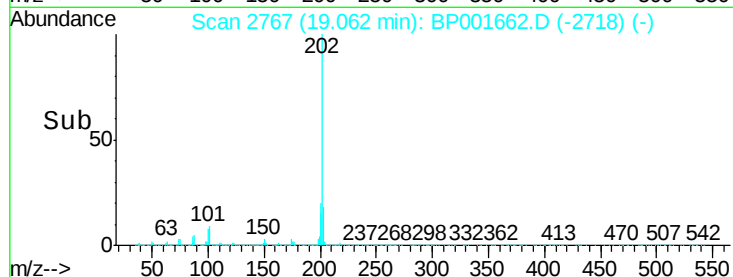
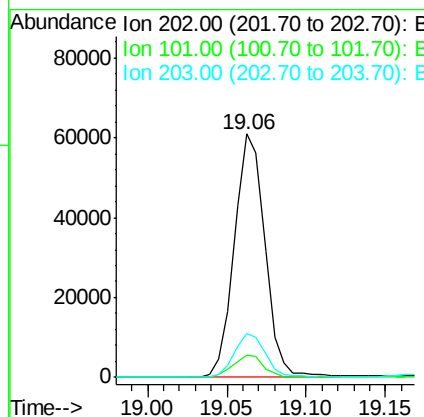
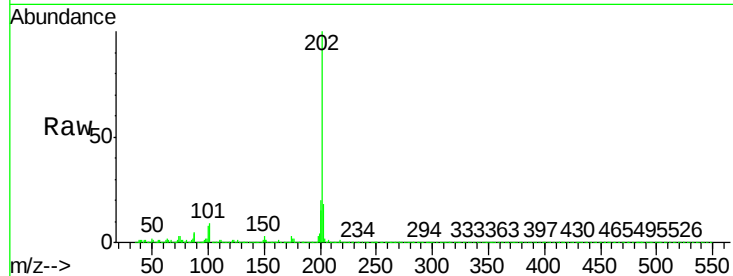
ClientSampleId :

RBR-200028

Tot Ion:	202	Resp:	81512
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	28.4
203	17.8	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

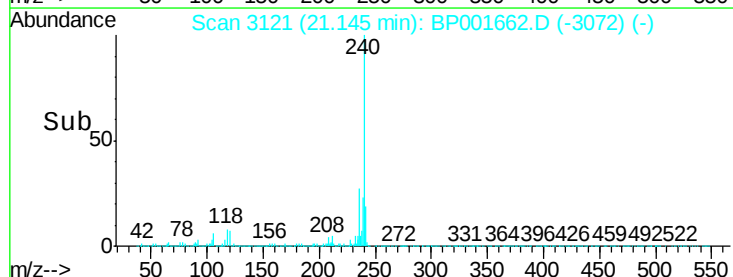
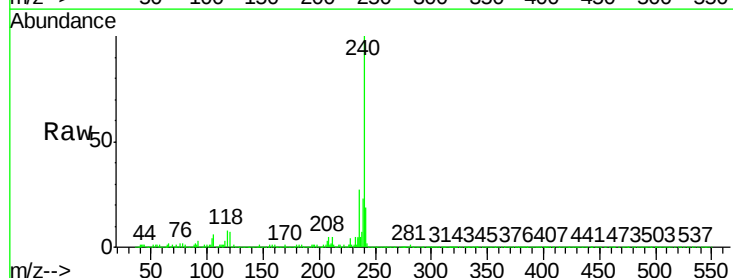
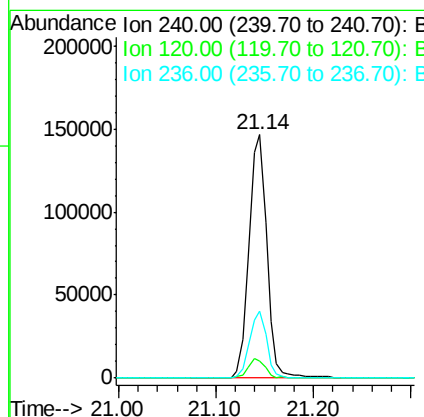
RT: 21.14 min Scan# 3121

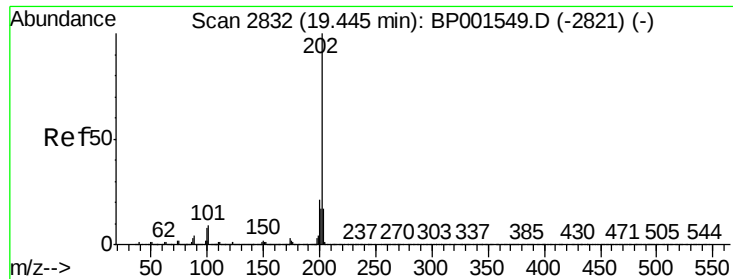
Delta R.T. -0.01 min

Lab File: BP001662.D

Acq: 17 Jan 2020 17:53

Tgt Ion:	240	Resp:	188109
Ion Ratio	Lower	Upper	
240	100		
120	7.0	5.7	8.5
236	27.4	20.4	30.6





#78

Pvrene

Concen: 4.959 ng

RT: 19.42 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BP001662.D

Acq: 17 Jan 2020 17:53

Instrument :

BNA_P

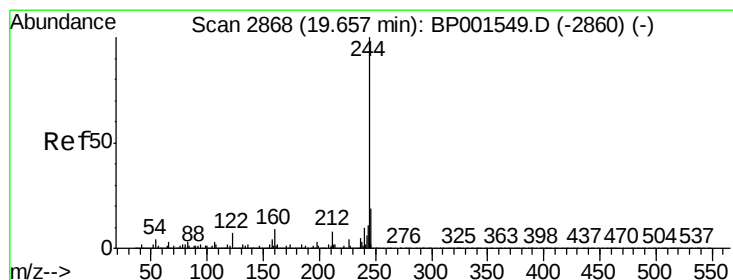
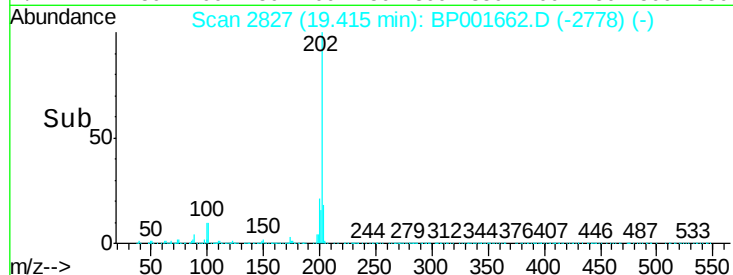
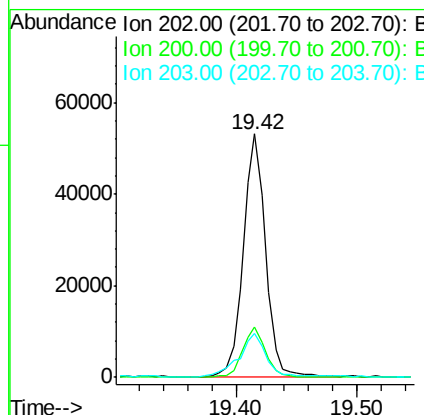
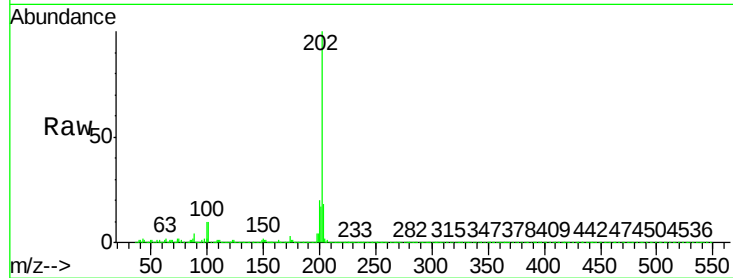
ClientSampleId :

RBR-200028

Tot Ion:	202	Resp:	68519
Ion Ratio		Lower	Upper
202	100		
200	20.5	17.0	25.6
203	18.2	13.7	20.5

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#79

Terphenyl-d14

Concen: 84.459 ng

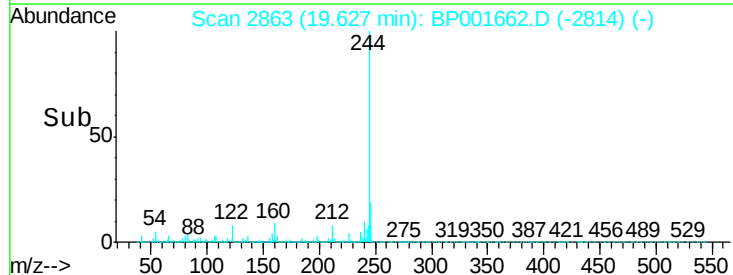
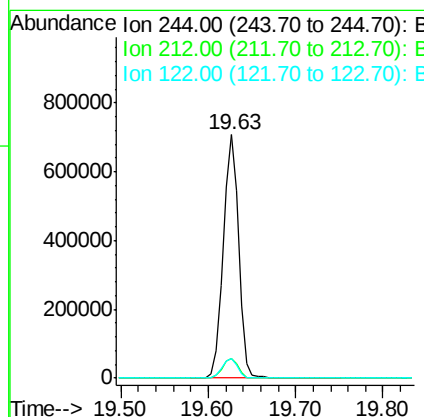
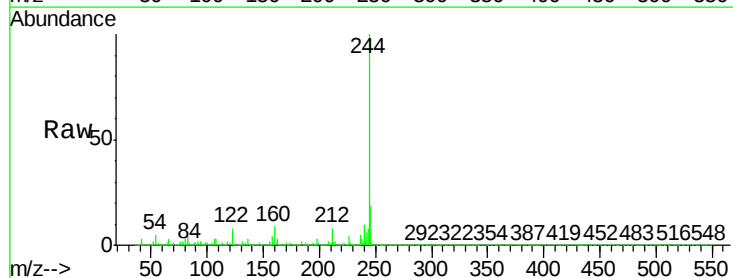
RT: 19.63 min Scan# 2863

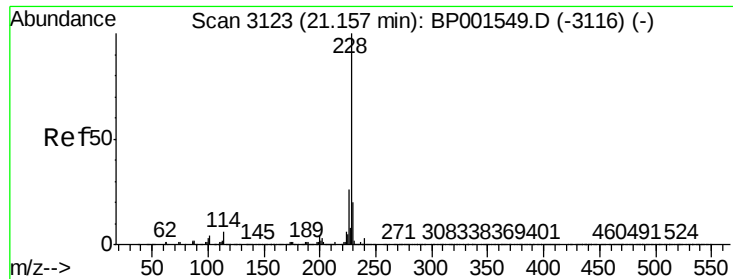
Delta R.T. -0.01 min

Lab File: BP001662.D

Acq: 17 Jan 2020 17:53

Tgt Ion:	244	Resp:	868626
Ion Ratio		Lower	Upper
244	100		
212	8.0	6.3	9.5
122	8.0	5.8	8.6





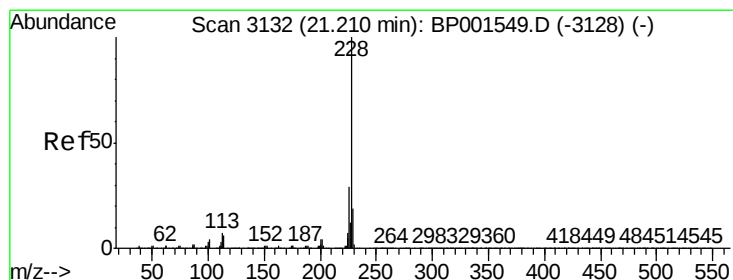
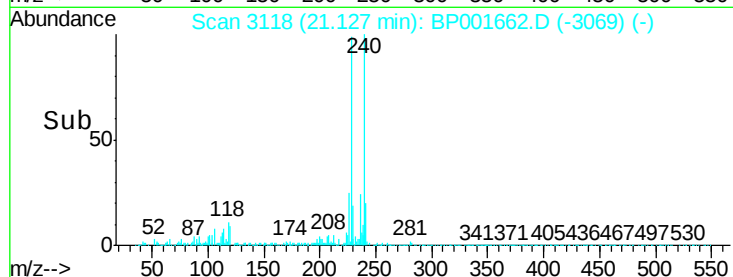
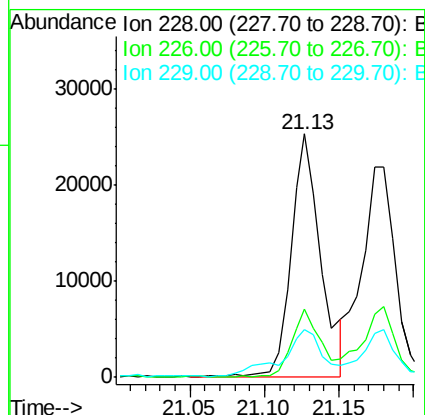
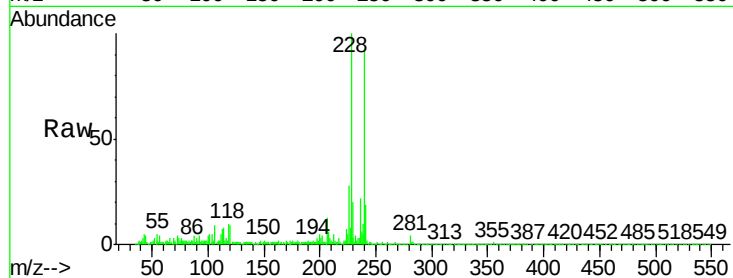
#81
Benzo(a)anthracene
Concen: 2.655 ng
RT: 21.13 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BP001662.D
Acq: 17 Jan 2020 17:53

Instrument :
BNA_P
ClientSampleId :
RBR-200028

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.2	31.8
229	19.7	16.1	24.1

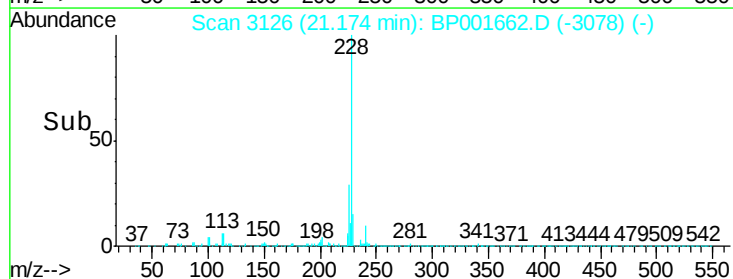
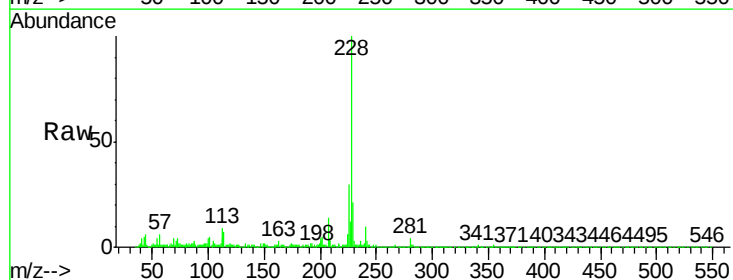
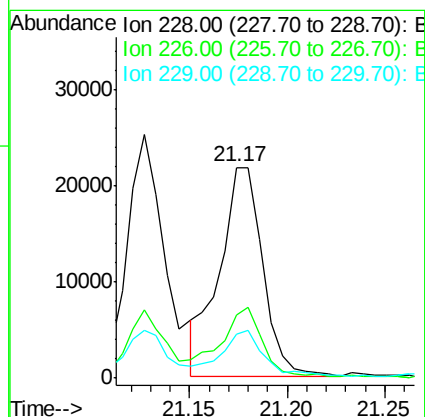
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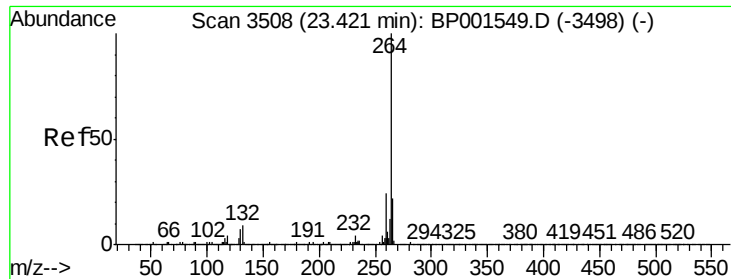
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#83
Chrysene
Concen: 2.627 ng
RT: 21.17 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BP001662.D
Acq: 17 Jan 2020 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.2	34.8
229	21.0	15.2	22.8





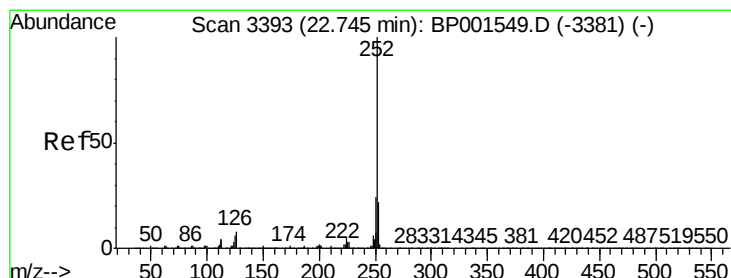
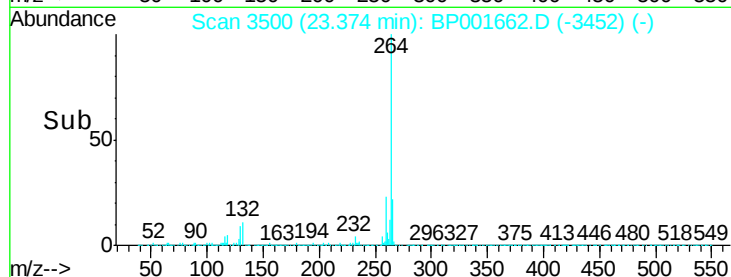
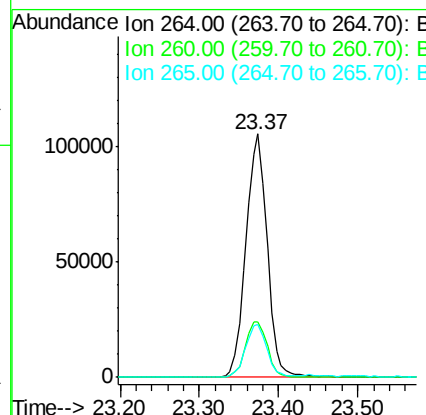
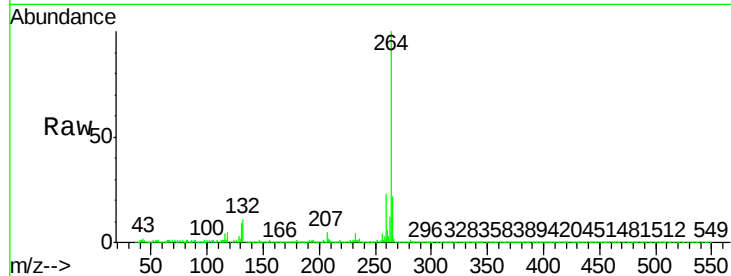
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BP001662.D
Acq: 17 Jan 2020 17:53

Instrument :
BNA_P
ClientSampled :
RBR-200028

Tot Ion:	264	Resp:	195624
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.0	28.6
265	21.7	18.2	27.4

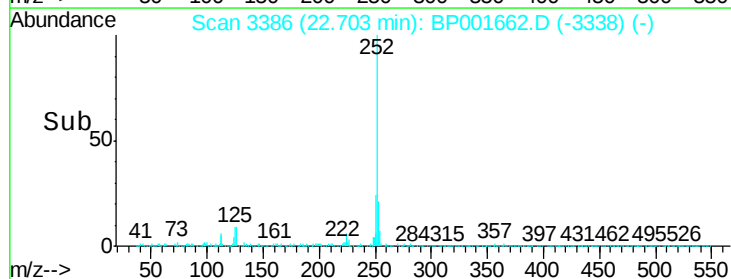
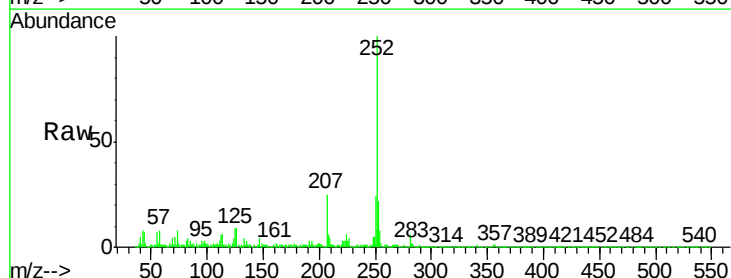
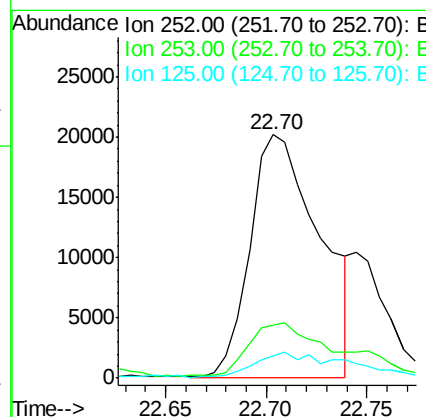
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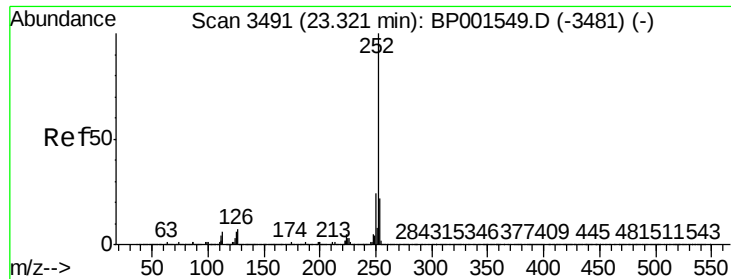
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#88
Benzo(b)fluoranthene
Concen: 3.948 ng m
RT: 22.70 min Scan# 3386
Delta R.T. -0.02 min
Lab File: BP001662.D
Acq: 17 Jan 2020 17:53

Tgt Ion:	252	Resp:	48669
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	9.1	4.6	7.0#





#90
 Benzo(a)pyrene
 Concen: 2.410 ng
 RT: 23.27 min Scan# 3483
 Delta R.T. -0.02 min
 Lab File: BP001662.D
 Acq: 17 Jan 2020 17:53

Instrument :
 BNA_P
 ClientSampleId :
 RBR-200028

Tot Ion	Ratio	Lower	Upper
252	100		
253	16.9	17.6	26.4#
125	11.2	5.0	7.4#

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