

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
 Data File : BP001694.D
 Acq On : 27 Jan 2020 16:57
 Operator : CG/JU
 Sample : L1242-10RX
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20200063-AMENDED-COMP-1RX

Quant Time: Jan 28 04:12:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 24 22:23:46 2020
 Response via : Initial Calibration

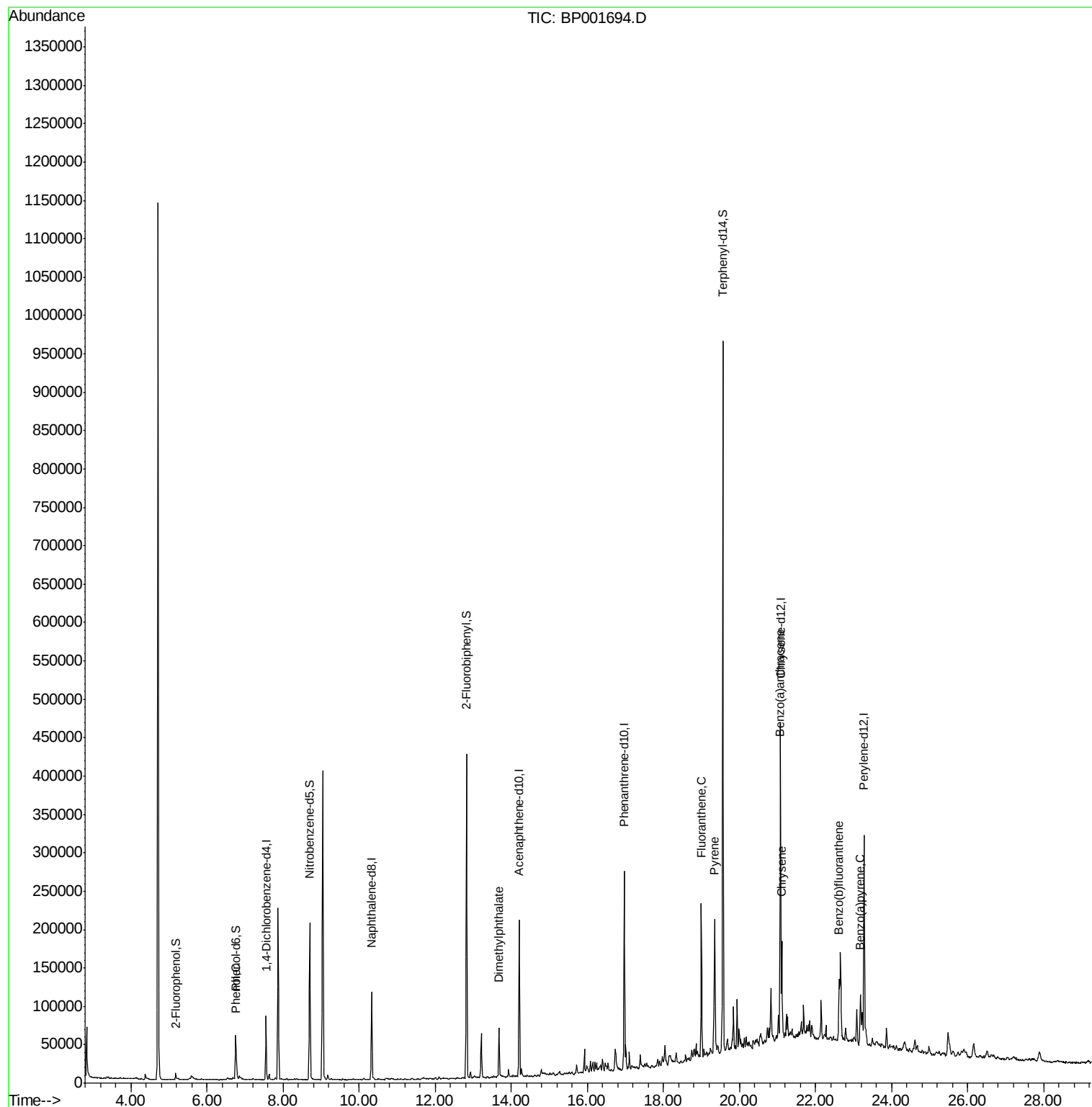
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	16647	20.00	ng	-0.01
21) Naphthalene-d8	10.33	136	77246	20.00	ng	-0.01
39) Acenaphthene-d10	14.21	164	61447	20.00	ng	-0.01
64) Phenanthrene-d10	16.97	188	147074	20.00	ng	-0.01
76) Chrysene-d12	21.08	240	154095	20.00	ng	-0.01
87) Perylene-d12	23.28	264	181778	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	2909	3.42	ng	0.00
7) Phenol-d6	6.75	99	25136	18.51	ng	-0.01
23) Nitrobenzene-d5	8.70	82	101585	57.47	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	1688	1.80	ng	-0.01
45) 2-Fluorobiphenyl	12.82	172	187140	44.78	ng	-0.02
79) Terphenyl-d14	19.56	244	386328	45.86	ng	-0.02
Target Compounds						
10) Phenol	6.78	94	7669	5.459	ng	Qvalue 98
50) Dimethylphthalate	13.67	163	35494	7.013	ng	99
75) Fluoranthene	19.00	202	112804	10.718	ng	99
78) Pyrene	19.35	202	101746	8.989	ng	96
81) Benzo(a)anthracene	21.07	228	67003	6.243	ng	98
83) Chrysene	21.12	228	66333	6.342	ng	97
88) Benzo(b)fluoranthene	22.62	252	68226	5.956	ng	# 98
90) Benzo(a)pyrene	23.18	252	45166	4.153	ng	# 97

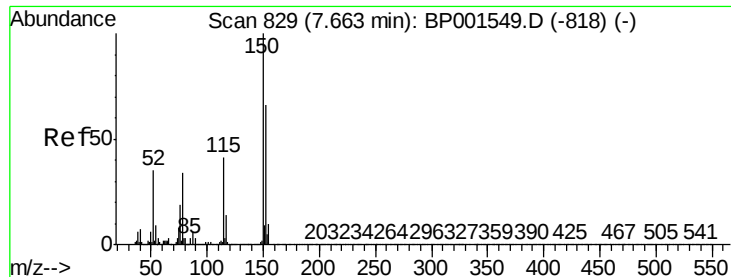
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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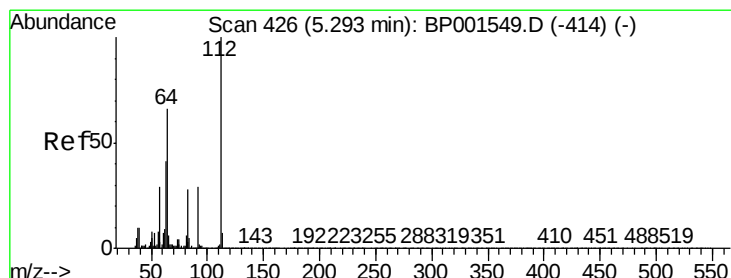
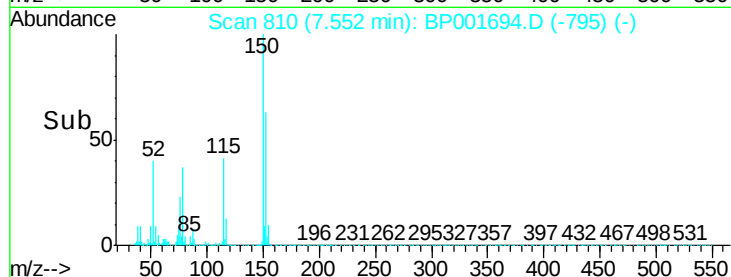
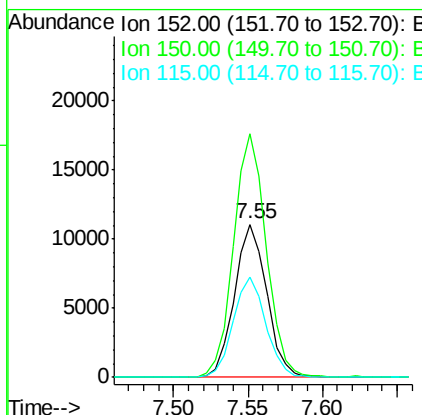
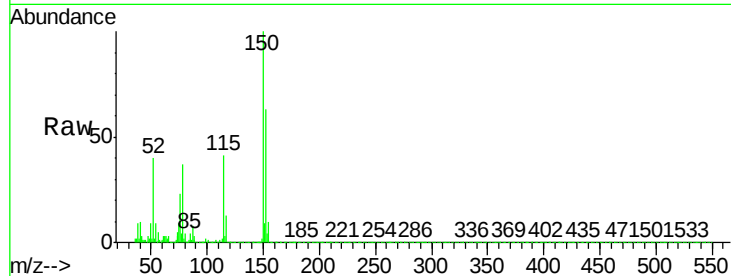


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001694.D
Acq: 27 Jan 2020 16:57

Instrument :
BNA_P
ClientSampleId :
20200063-AMENDED-COMP-1RX

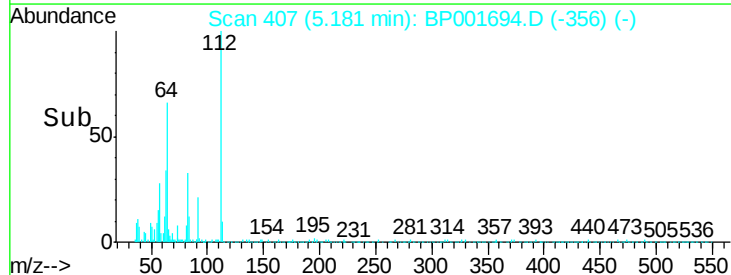
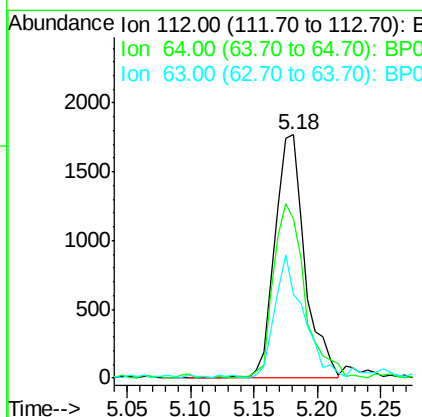
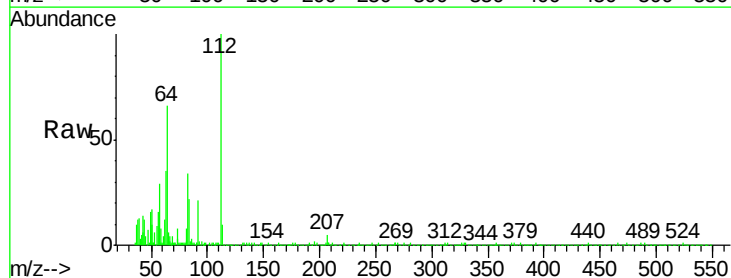
Tot Ion:152 Resp: 16647
Ion Ratio Lower Upper
152 100
150 159.0 122.0 183.0
115 65.7 50.7 76.1

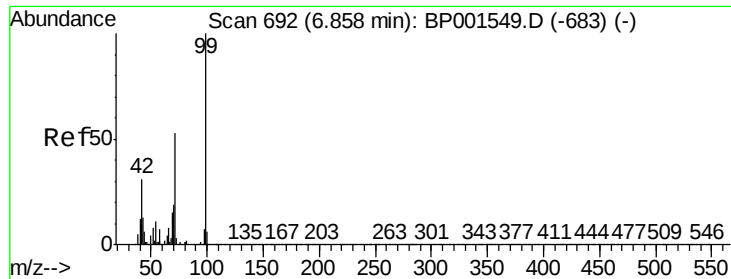


#5

2-Fluorophenol
Concen: 3.423 ng
RT: 5.18 min Scan# 407
Delta R.T. -0.00 min
Lab File: BP001694.D
Acq: 27 Jan 2020 16:57

Tgt Ion:112 Resp: 2909
Ion Ratio Lower Upper
112 100
64 65.6 52.8 79.2
63 34.6 33.1 49.7





#7

Phenol-d6

Concen: 18.507 ng

RT: 6.75 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP001694.D

Acq: 27 Jan 2020 16:57

Instrument :

BNA_P

ClientSampleId :

20200063-AMENDED-COMP-1RX

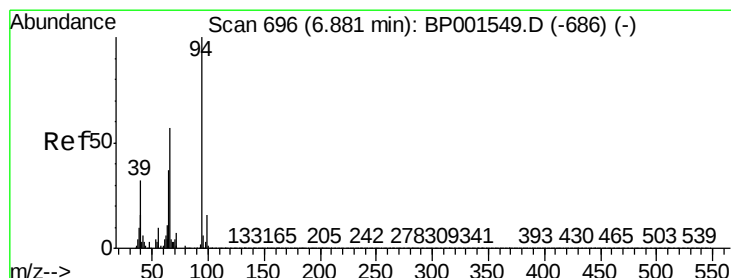
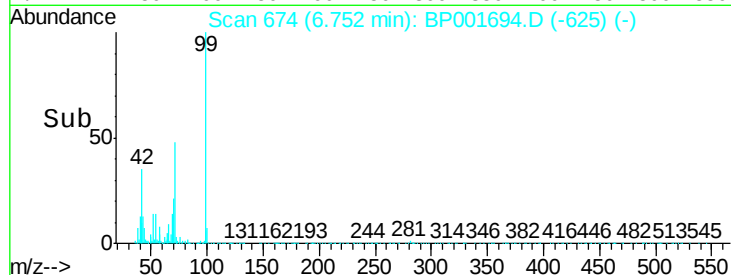
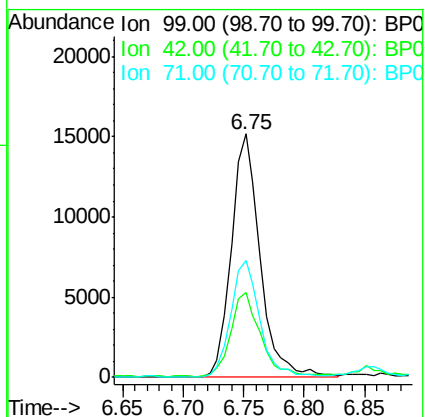
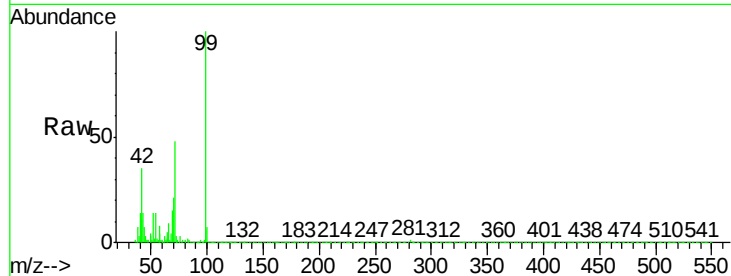
Tot Ion: 99 Resp: 25136

Ion Ratio Lower Upper

99 100

42 35.1 24.5 36.7

71 48.1 42.4 63.6



#10

Phenol

Concen: 5.459 ng

RT: 6.78 min Scan# 678

Delta R.T. -0.01 min

Lab File: BP001694.D

Acq: 27 Jan 2020 16:57

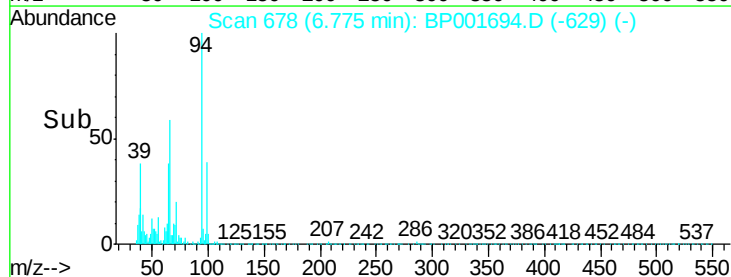
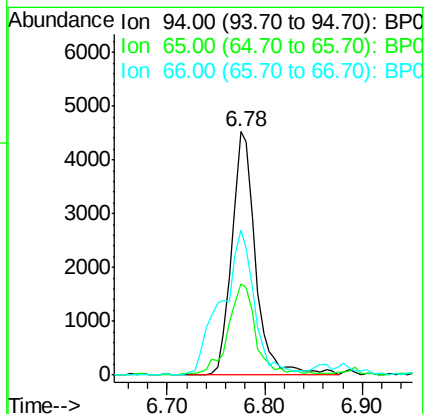
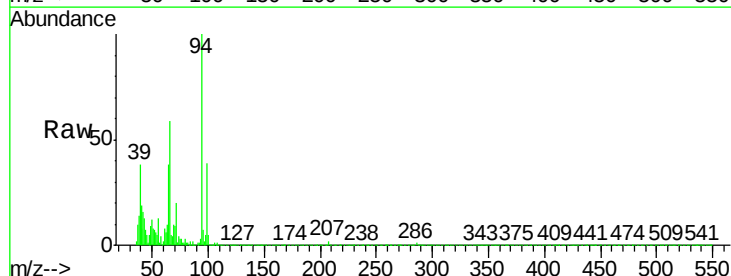
Tgt Ion: 94 Resp: 7669

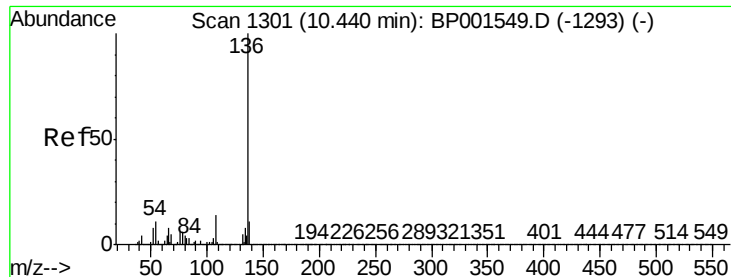
Ion Ratio Lower Upper

94 100

65 37.7 17.5 57.5

66 59.4 36.7 76.7

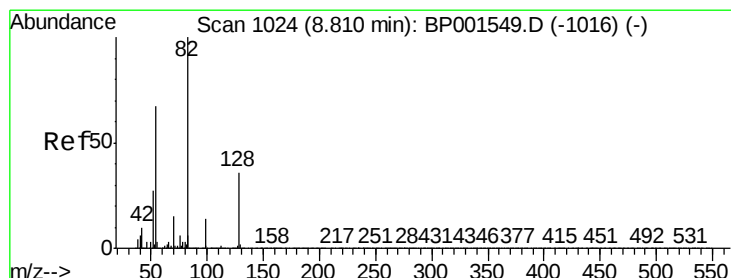
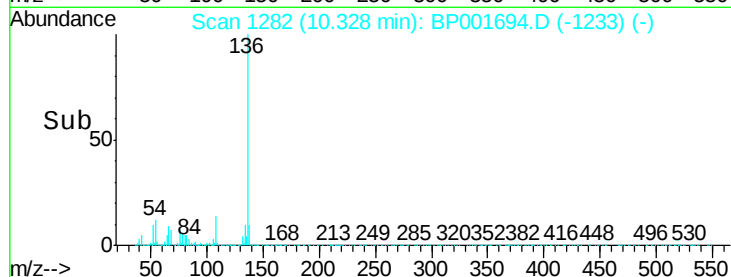
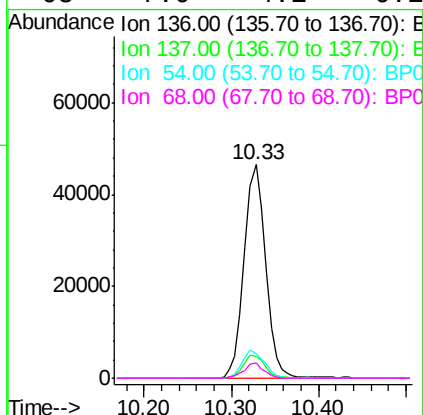
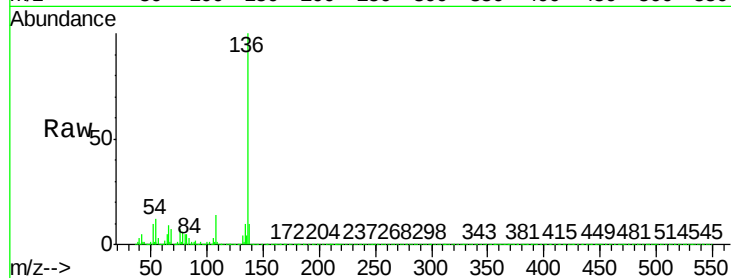




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP001694.D
Acq: 27 Jan 2020 16:57

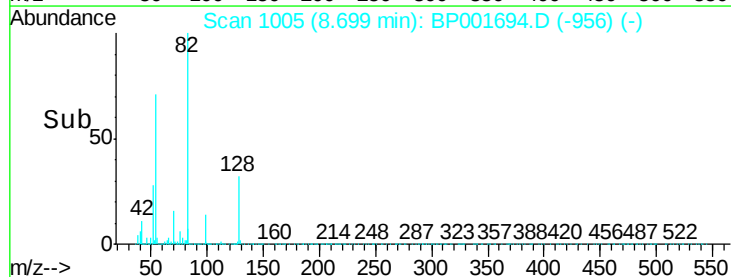
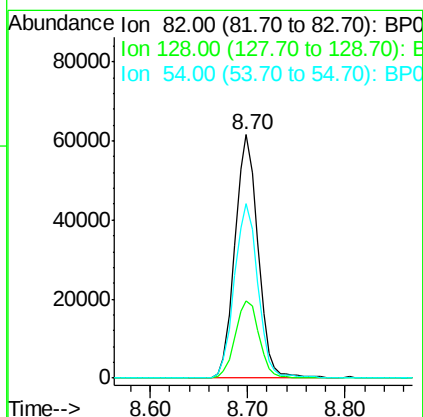
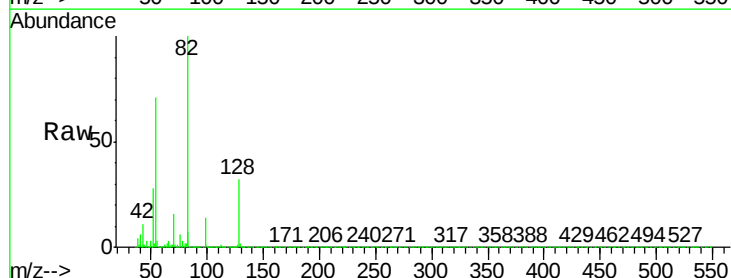
Instrument :
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ClientSampleId :
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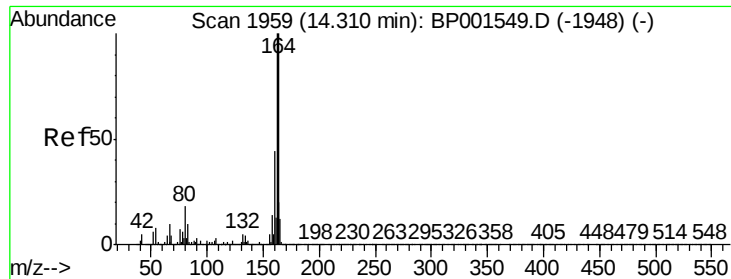
Tot Ion:136	Resp:	77246
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.6 12.8
54	11.7	9.2 13.8
68	7.0	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 57.466 ng
RT: 8.70 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BP001694.D
Acq: 27 Jan 2020 16:57

Tgt Ion: 82	Resp:	101585
Ion	Ratio	Lower Upper
82	100	
128	31.9	28.4 42.6
54	71.5	53.4 80.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.21 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BP001694.D

Acq: 27 Jan 2020 16:57

Instrument :

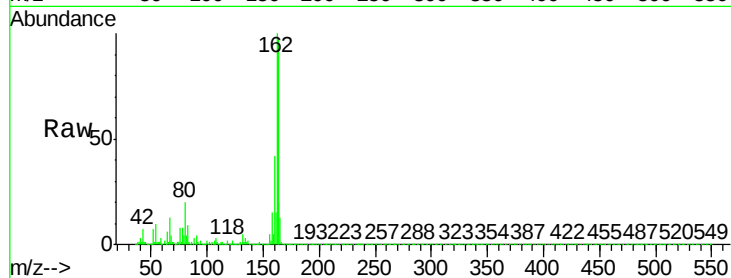
BNA_P

ClientSampleId :

20200063-AMENDED-COMP-1RX

Tot Ion:164 Resp: 61447

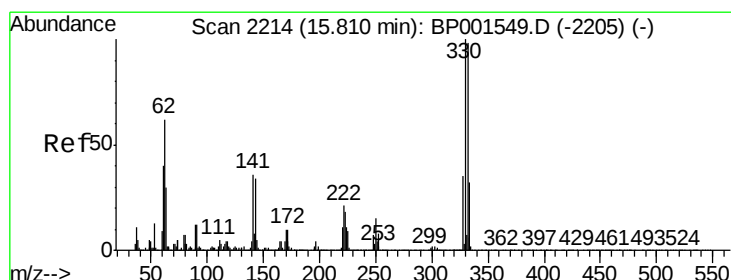
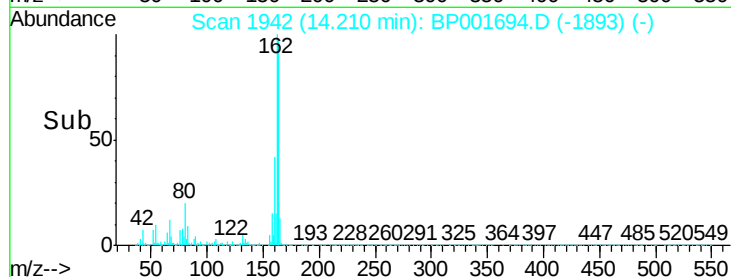
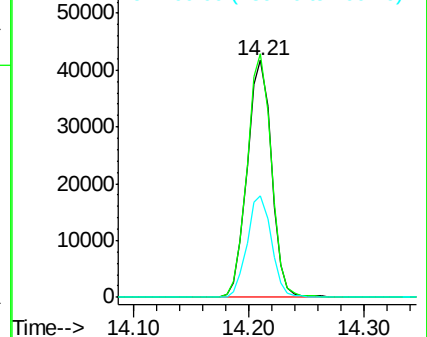
Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.8	119.6
160	43.2	35.0	52.6



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: 1.805 ng

RT: 15.72 min Scan# 2198

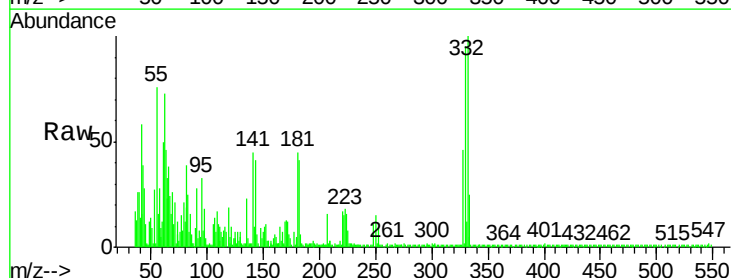
Delta R.T. -0.01 min

Lab File: BP001694.D

Acq: 27 Jan 2020 16:57

Tgt Ion:330 Resp: 1688

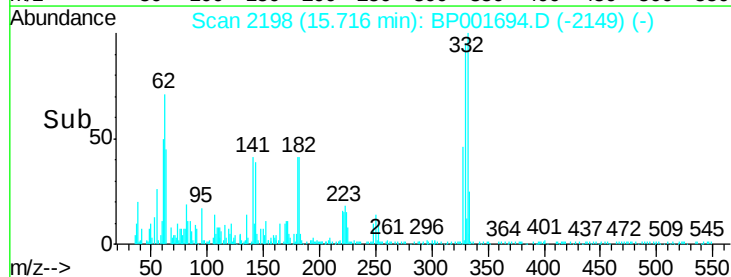
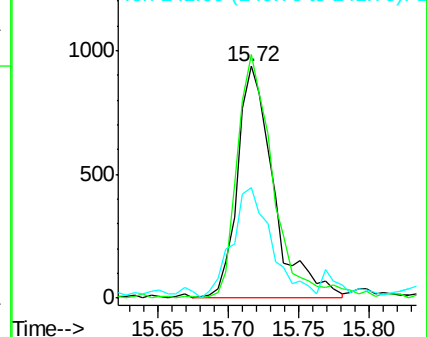
Ion	Ratio	Lower	Upper
330	100		
332	104.7	77.8	116.6
141	52.1	28.7	43.1

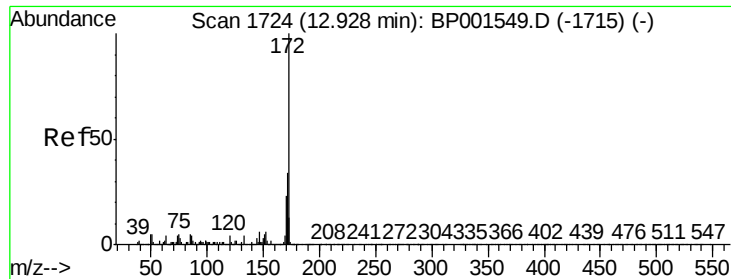


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

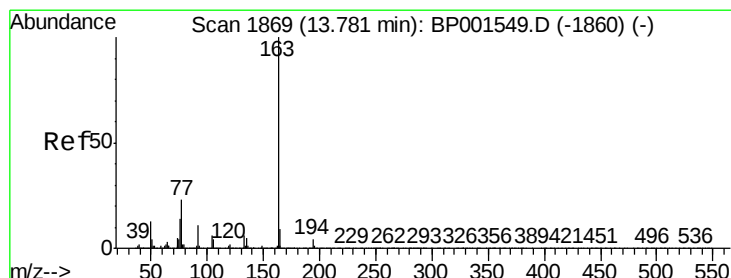
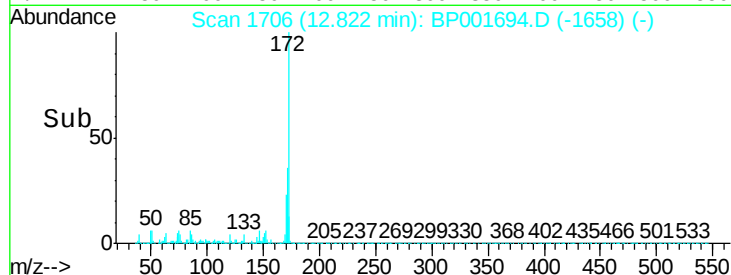
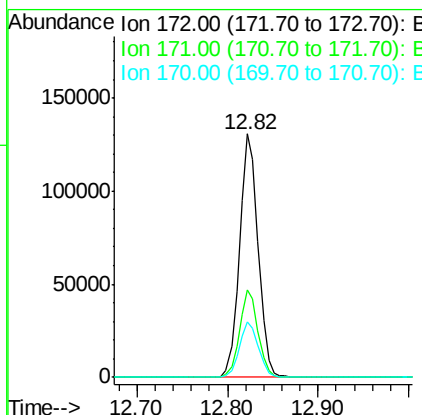
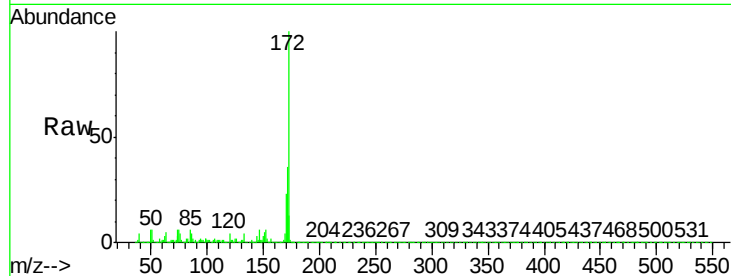




#45
2-Fluorobiphenyl
Concen: 44.778 ng
RT: 12.82 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BP001694.D
Acq: 27 Jan 2020 16:57

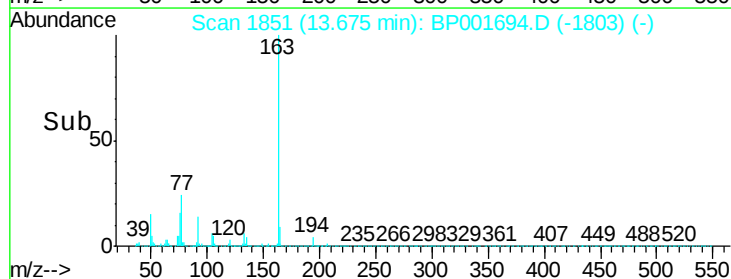
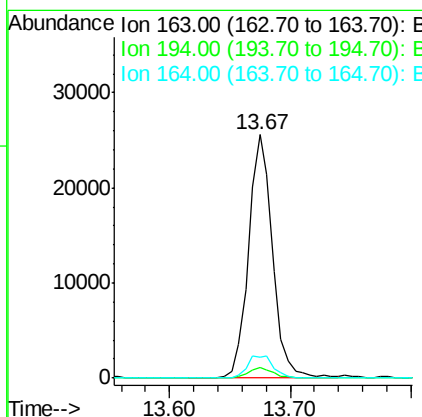
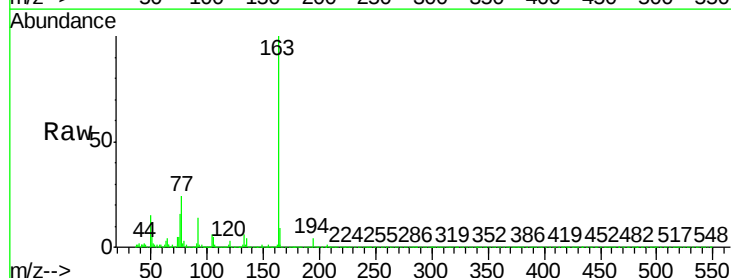
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BNA_P
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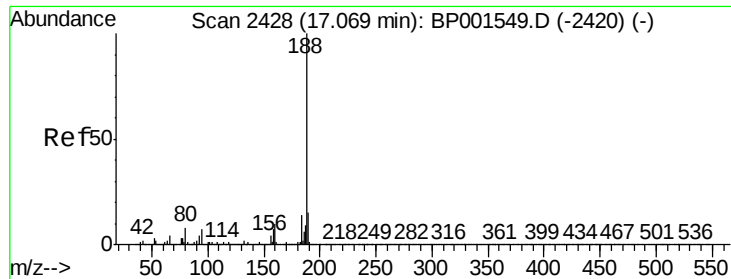
Tot Ion:172 Resp: 187140
Ion Ratio Lower Upper
172 100
171 35.8 27.6 41.4
170 23.0 18.3 27.5



#50
Dimethylphthalate
Concen: 7.013 ng
RT: 13.67 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP001694.D
Acq: 27 Jan 2020 16:57

Tgt Ion:163 Resp: 35494
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 8.8 7.5 11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP001694.D

Acq: 27 Jan 2020 16:57

Instrument :

BNA_P

ClientSampleId :

20200063-AMENDED-COMP-1RX

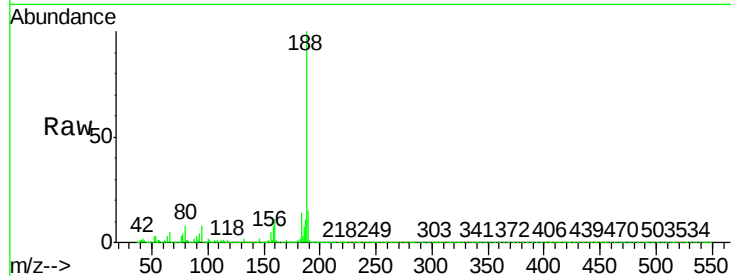
Tot Ion:188 Resp: 147074

Ion Ratio Lower Upper

188 100

94 7.6 5.9 8.9

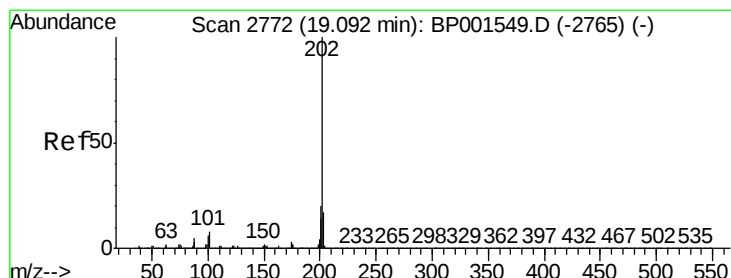
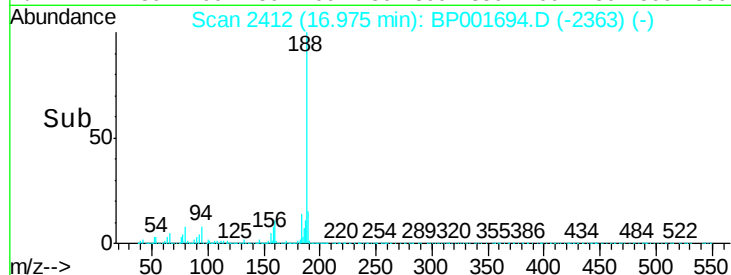
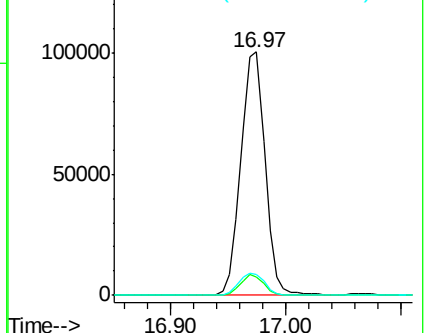
80 8.5 6.8 10.2



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



#75

Fluoranthene

Concen: 10.718 ng

RT: 19.00 min Scan# 2756

Delta R.T. -0.02 min

Lab File: BP001694.D

Acq: 27 Jan 2020 16:57

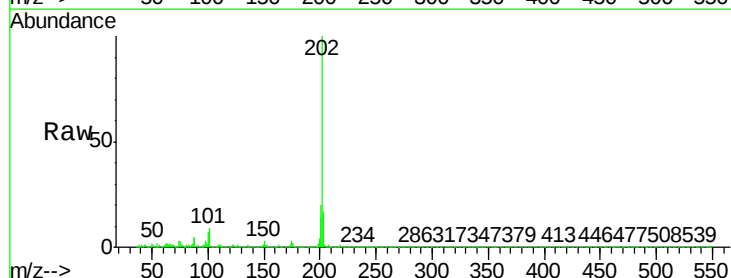
Tgt Ion:202 Resp: 112804

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.4

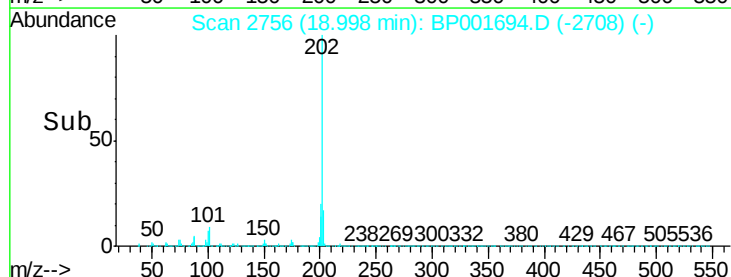
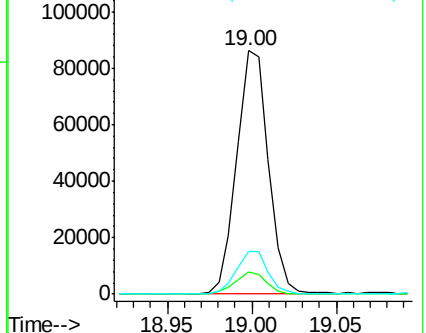
203 17.5 0.0 37.4

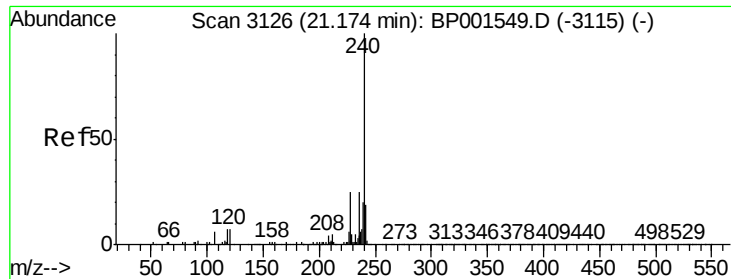


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

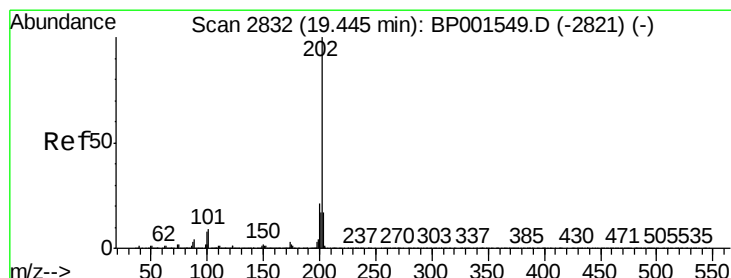
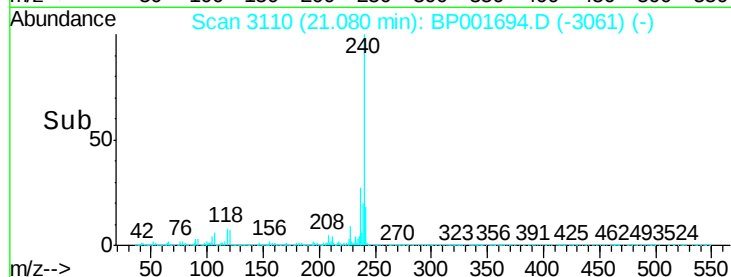
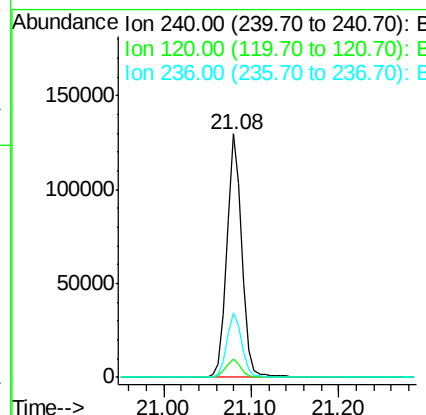
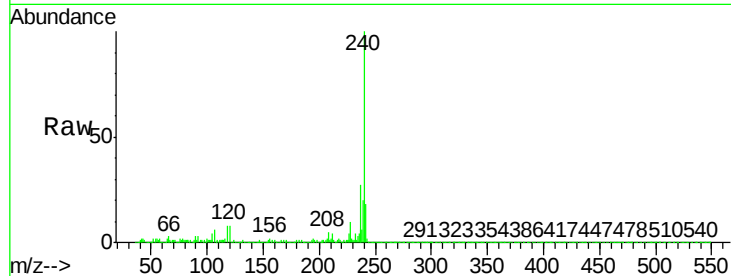




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BP001694.D
Acq: 27 Jan 2020 16:57

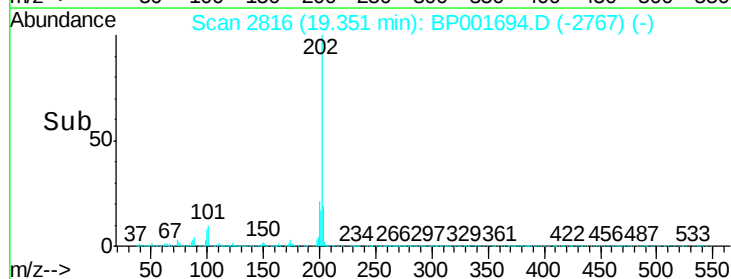
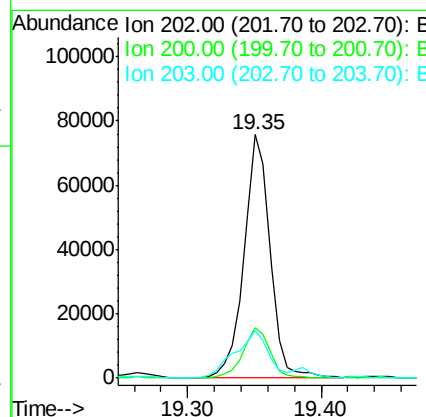
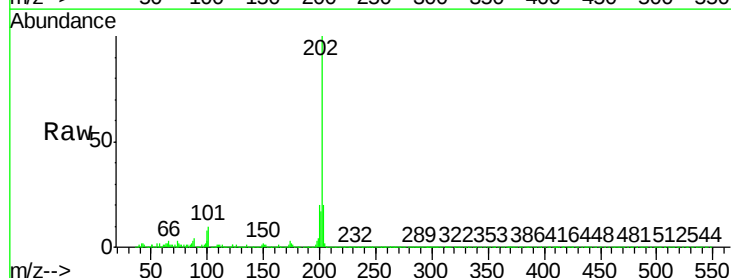
Instrument :
BNA_P
ClientSampleId :
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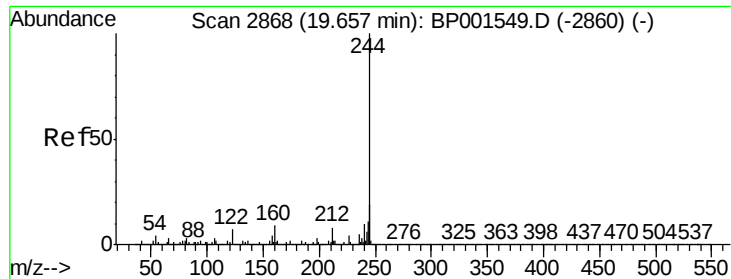
Tot Ion:240 Resp: 154095
Ion Ratio Lower Upper
240 100
120 7.5 5.7 8.5
236 26.5 20.4 30.6



#78
Pyrene
Concen: 8.989 ng
RT: 19.35 min Scan# 2816
Delta R.T. -0.01 min
Lab File: BP001694.D
Acq: 27 Jan 2020 16:57

Tgt Ion:202 Resp: 101746
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.6
203 19.7 13.7 20.5





#79

Terphenyl-d14

Concen: 45.855 ng

RT: 19.56 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BP001694.D

Acq: 27 Jan 2020 16:57

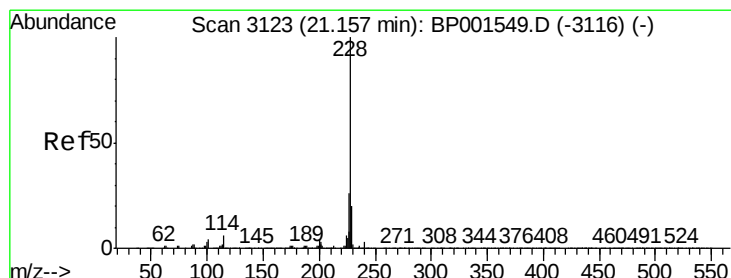
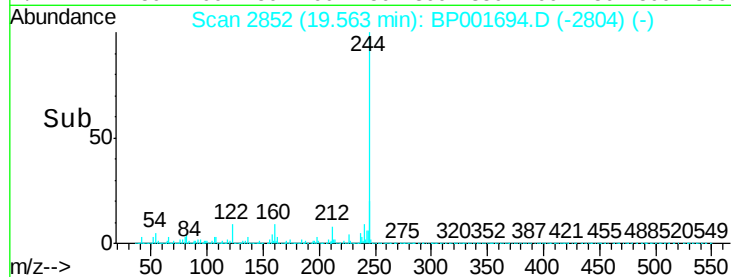
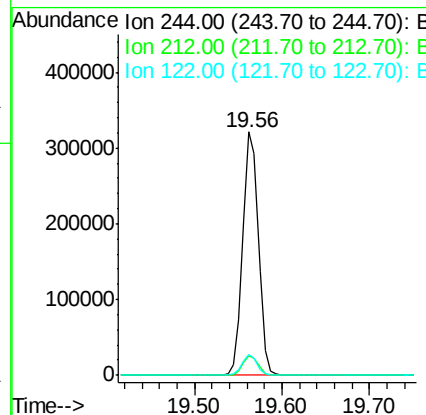
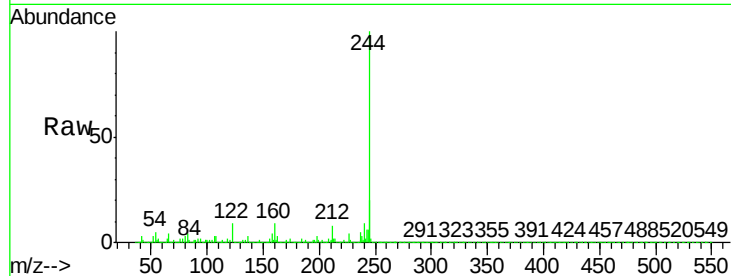
Instrument :

BNA_P

ClientSampleId :

20200063-AMENDED-COMP-1RX

Tot Ion:244	Resp:	386328
Ion Ratio	Lower	Upper
244	100	
212	8.1	6.3 9.5
122	8.6	5.8 8.6



#81

Benzo(a)anthracene

Concen: 6.243 ng

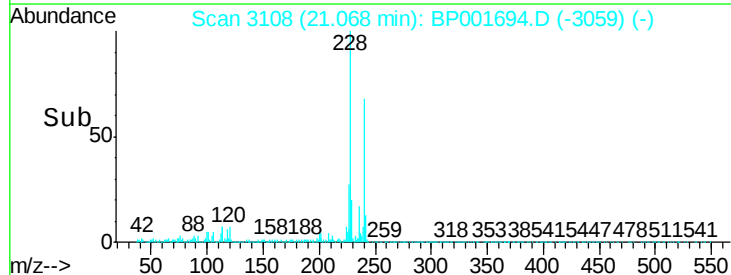
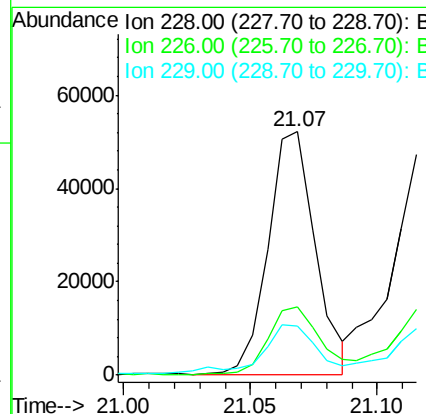
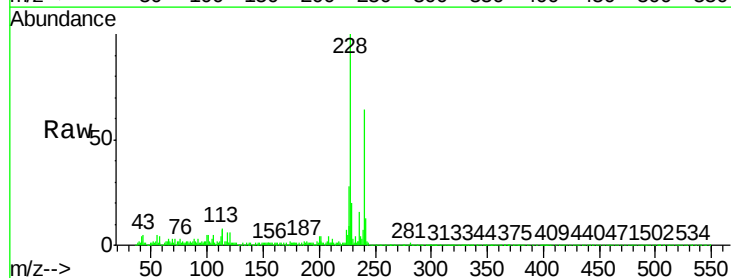
RT: 21.07 min Scan# 3108

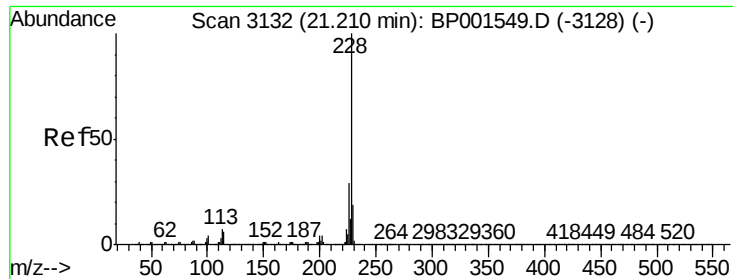
Delta R.T. -0.01 min

Lab File: BP001694.D

Acq: 27 Jan 2020 16:57

Tgt Ion:228	Resp:	67003
Ion Ratio	Lower	Upper
228	100	
226	28.0	21.2 31.8
229	20.3	16.1 24.1





#83

Chrysene

Concen: 6.342 ng

RT: 21.12 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BP001694.D

Acq: 27 Jan 2020 16:57

Instrument :

BNA_P

ClientSampleId :

20200063-AMENDED-COMP-1RX

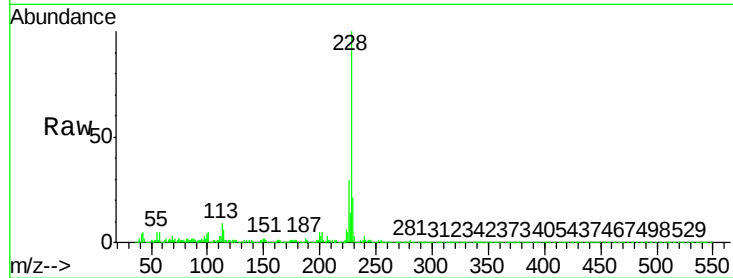
Tot Ion:228 Resp: 66333

Ion Ratio Lower Upper

228 100

226 30.0 23.2 34.8

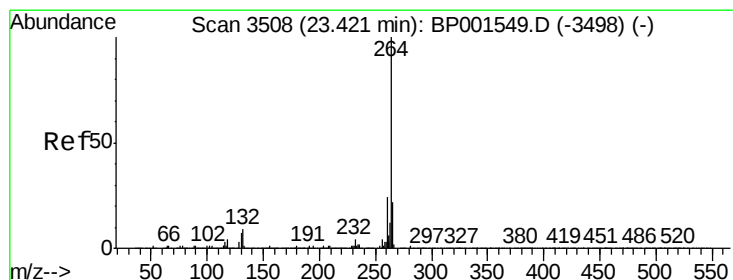
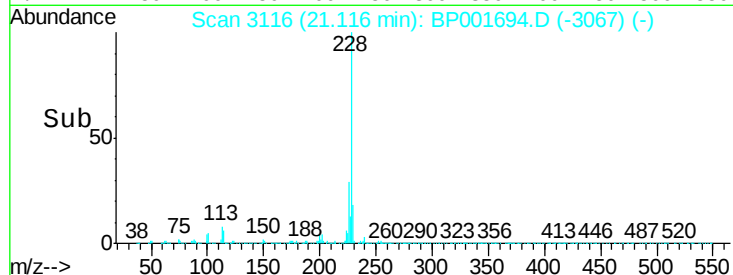
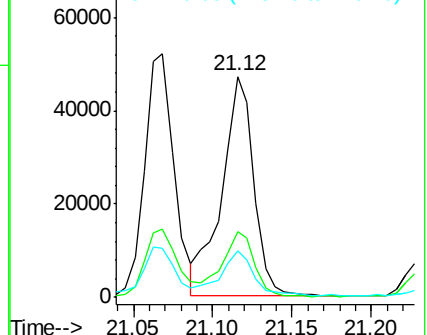
229 21.4 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP001694.D

Acq: 27 Jan 2020 16:57

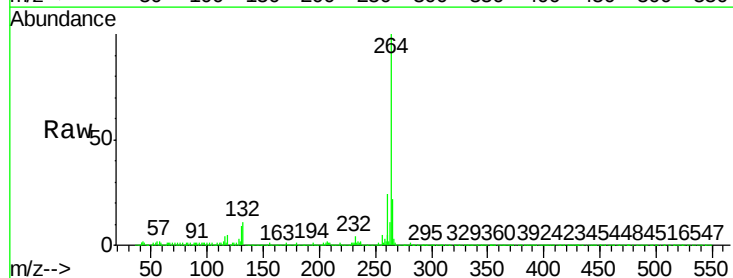
Tgt Ion:264 Resp: 181778

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

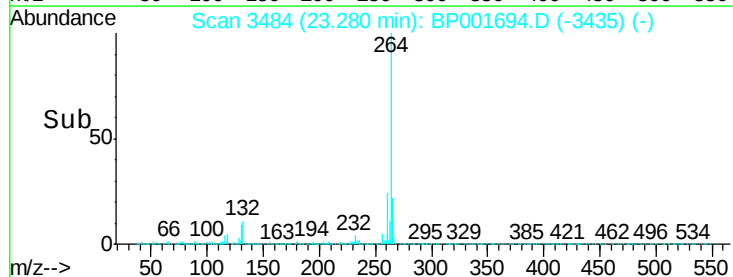
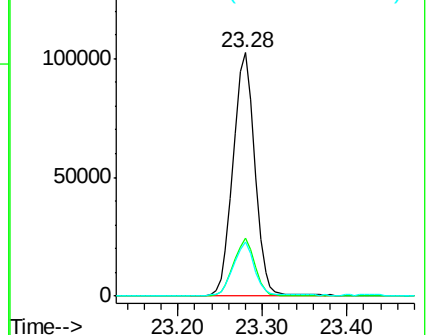
265 22.0 18.2 27.4

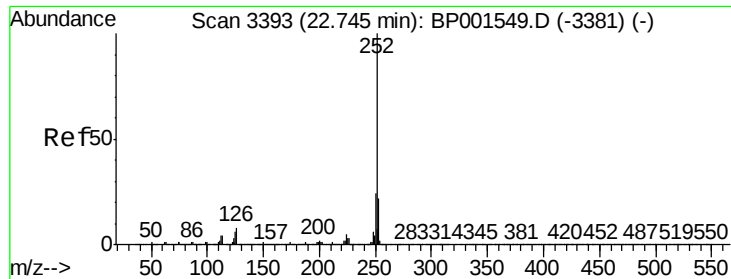


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

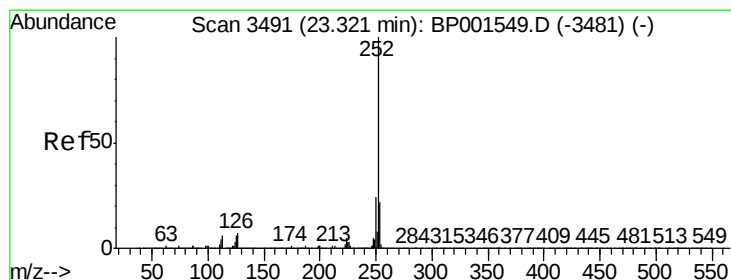
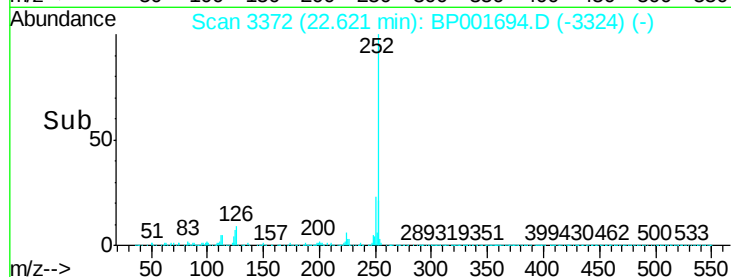
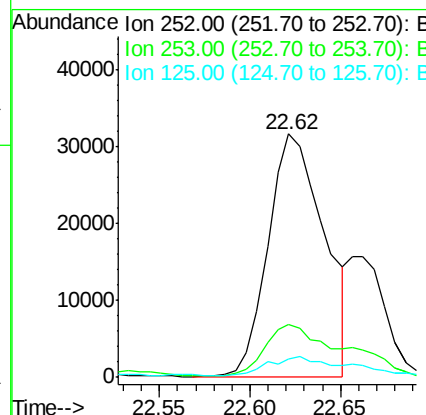
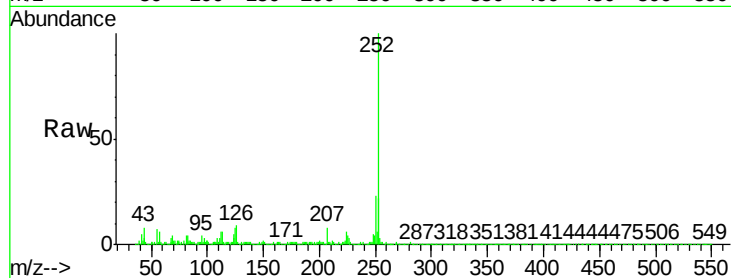




#88
Benzo(b)fluoranthene
Concen: 5.956 ng
RT: 22.62 min Scan# 3372
Delta R.T. -0.02 min
Lab File: BP001694.D
Acq: 27 Jan 2020 16:57

Instrument :
BNA_P
ClientSampleId :
20200063-AMENDED-COMP-1RX

Tot Ion:252 Resp: 68226
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 7.6 4.6 7.0#



#90
Benzo(a)pyrene
Concen: 4.153 ng
RT: 23.18 min Scan# 3467
Delta R.T. -0.02 min
Lab File: BP001694.D
Acq: 27 Jan 2020 16:57

Tgt Ion:252 Resp: 45166
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 8.3 5.0 7.4#

