

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
 Data File : BP002433.D
 Acq On : 17 Jun 2020 23:06
 Operator : CG/JU
 Sample : L3024-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-17

Quant Time: Jun 18 00:53:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	147156	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	620400	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	383661	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	853099	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	870262	20.00	ng	-0.02
86) Perylene-d12	23.29	264	905667	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	884452	111.22	ng	0.00
7) Phenol-d6	6.78	99	1223689	115.57	ng	0.00
23) Nitrobenzene-d5	8.73	82	822197	79.14	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	427771	116.45	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1768436	77.50	ng	0.00
79) Terphenyl-d14	19.58	244	2740243	78.96	ng	0.00

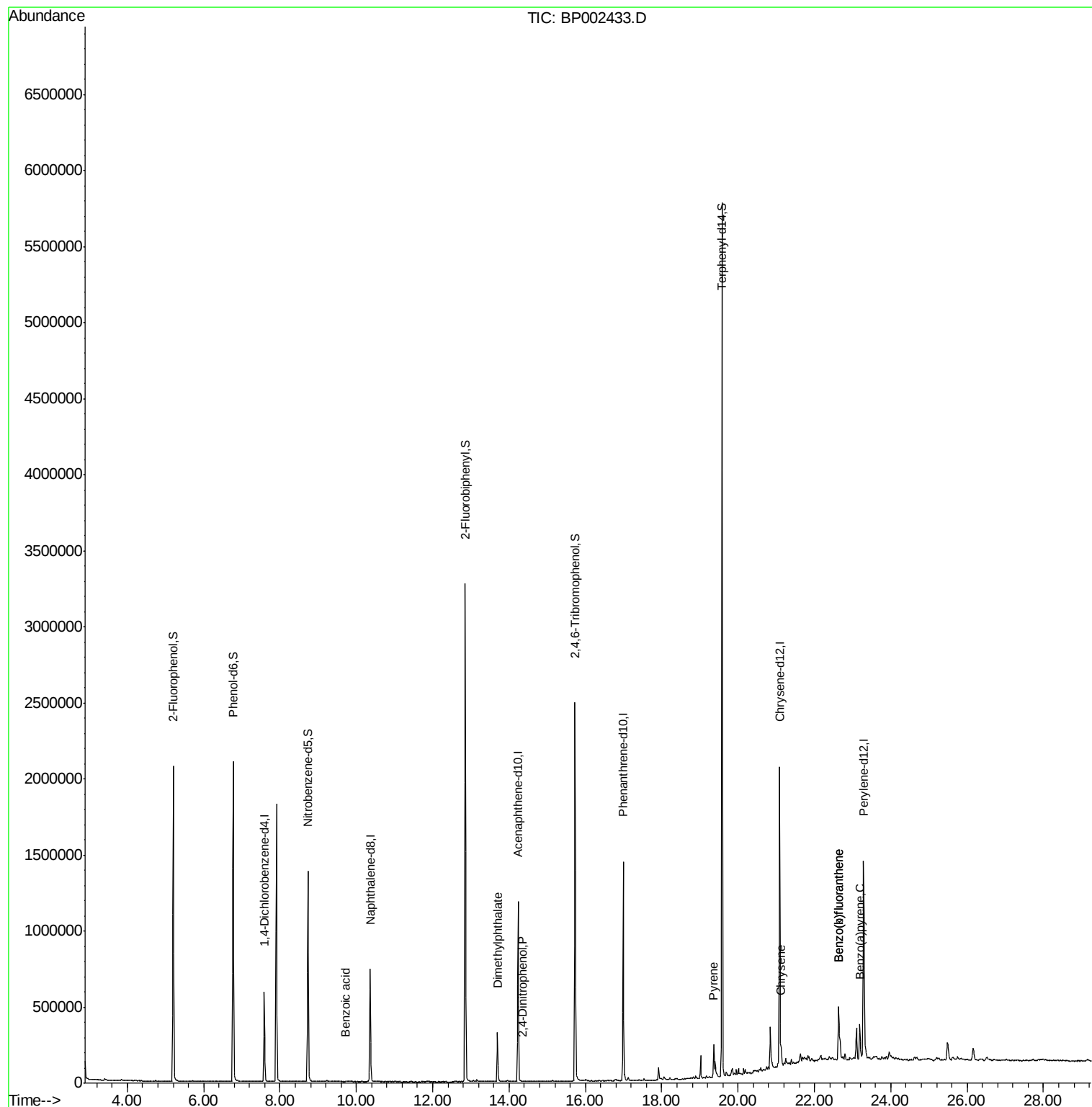
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	72	Below Cal		# 41
32) Benzoic acid	9.71	122	20	4.602 ng		# 1
50) Dimethylphthalate	13.70	163	217436	8.271 ng		99
54) 2,4-Dinitrophenol	14.36	184	22	2.792 ng		# 1
61) 4-Chlorophenyl-phenylether	15.30	204	23	Below Cal		# 37
78) Pyrene	19.36	202	129478	2.429 ng		99
83) Chrysene	21.13	228	104900	2.229 ng		94
88) Benzo(b)fluoranthene	22.63	252	357153	7.313 ng		98
89) Benzo(k)fluoranthene	22.63	252	357153	7.696 ng		# 97
90) Benzo(a)pyrene	23.19	252	166022	3.627 ng		96

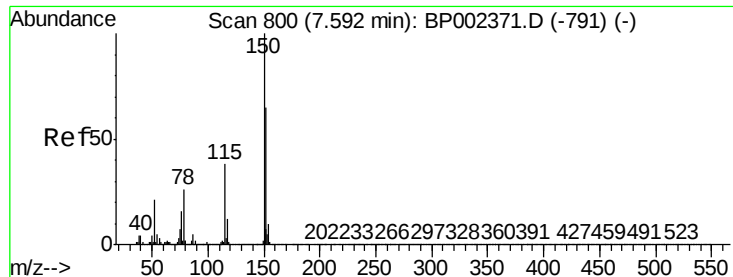
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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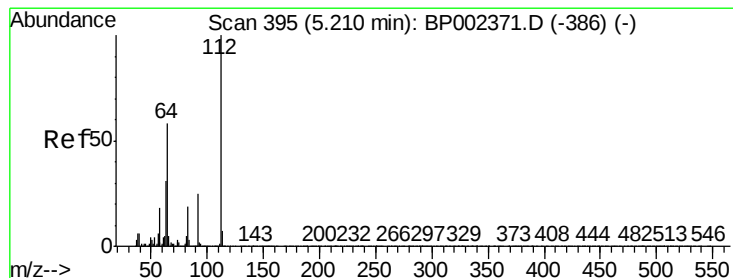
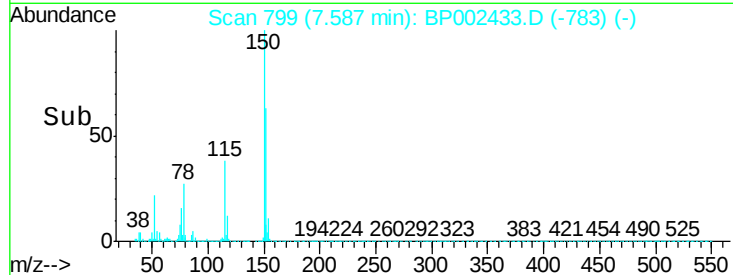
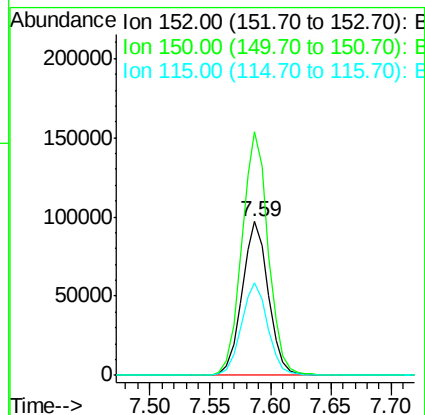
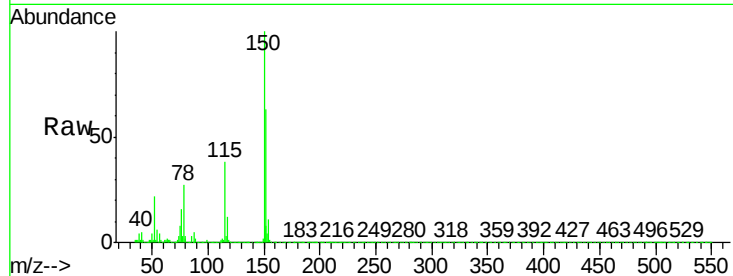


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

Instrument :
BNA_P
ClientSampleId :
RO-17

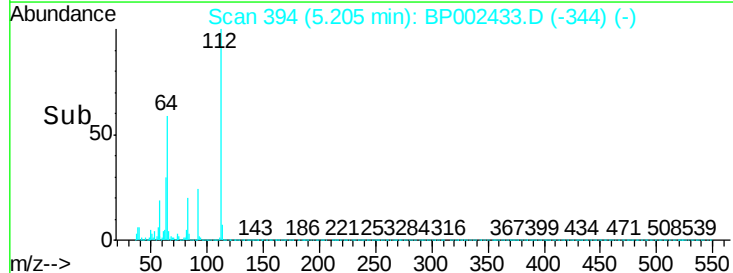
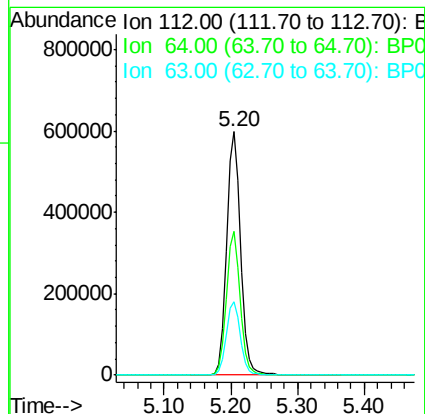
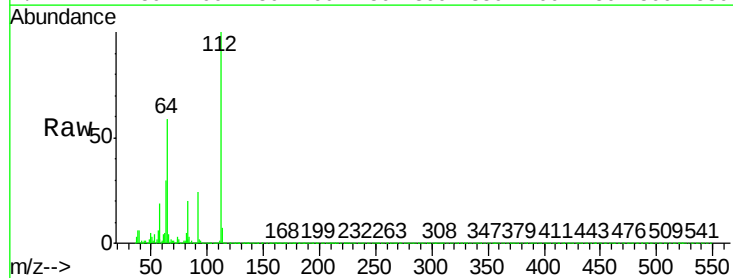
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.0	186.0
115	60.4	47.4	71.0

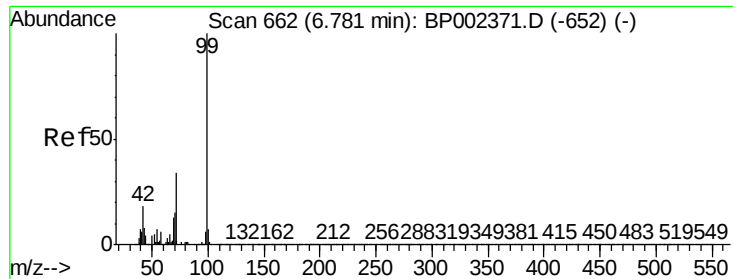


#5

2-Fluorophenol
Concen: 111.215 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.2	69.2
63	30.3	24.5	36.7





#7

Phenol-d6

Concen: 115.573 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002433.D

Acq: 17 Jun 2020 23:06

Instrument :

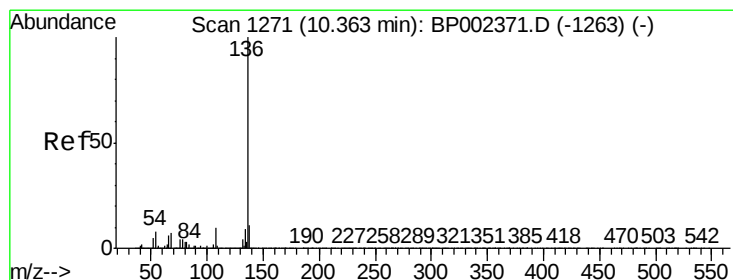
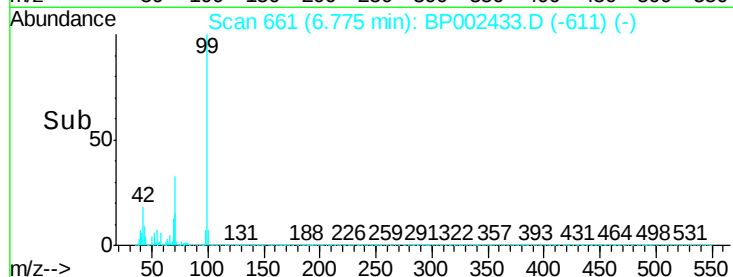
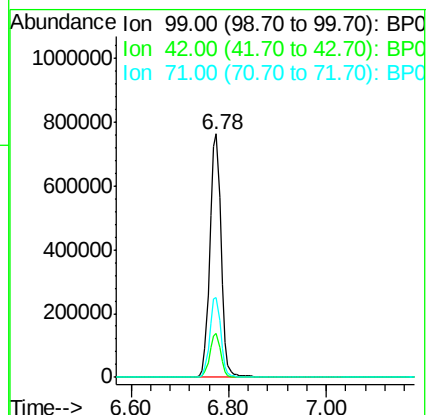
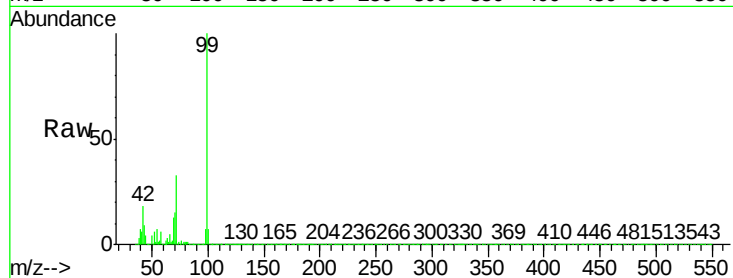
BNA_P

ClientSampleId :

RO-17

Tot Ion: 99 Resp: 1223689

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.6	22.0
71	32.9	27.2	40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

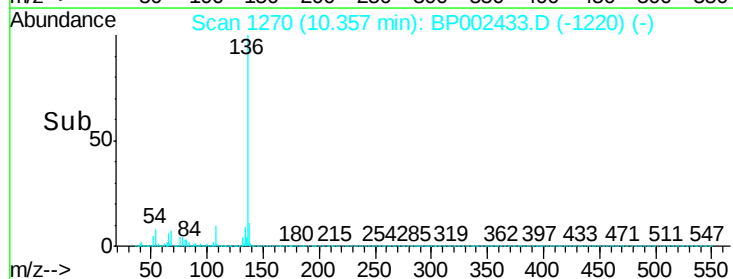
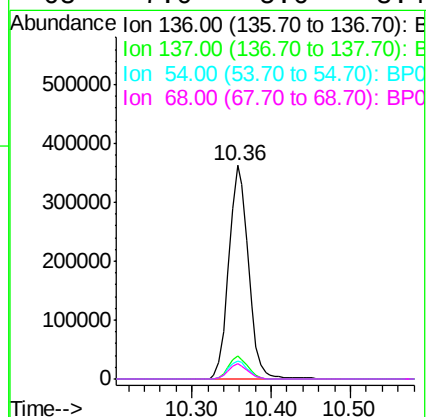
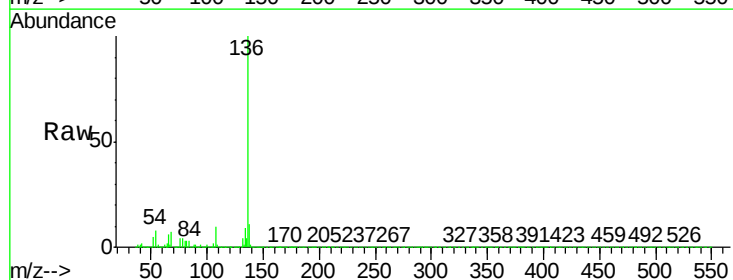
Delta R.T. -0.01 min

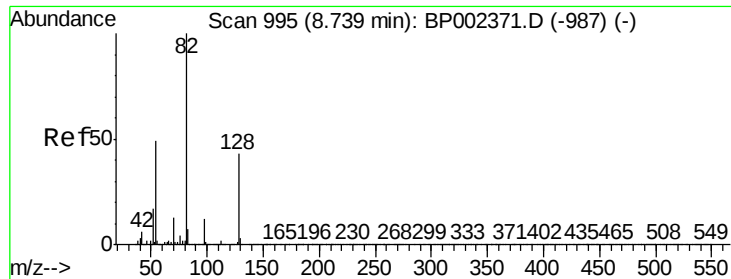
Lab File: BP002433.D

Acq: 17 Jun 2020 23:06

Tgt Ion: 136 Resp: 620400

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.4	6.4	9.6
68	7.0	5.6	8.4

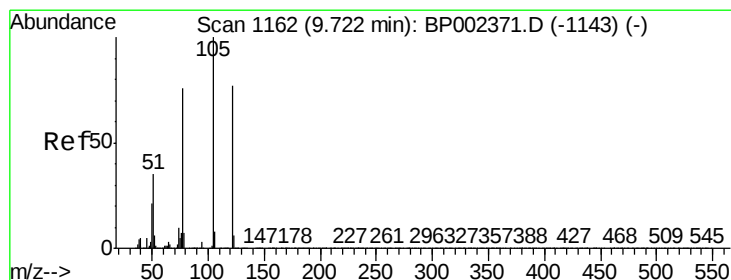
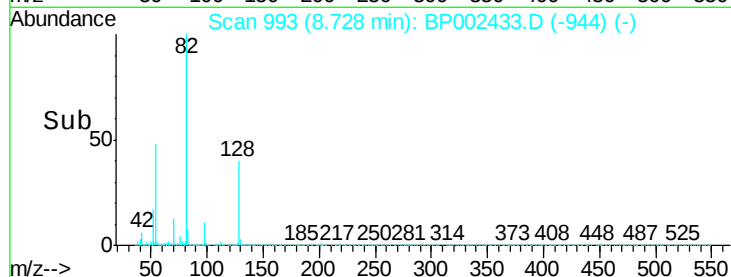
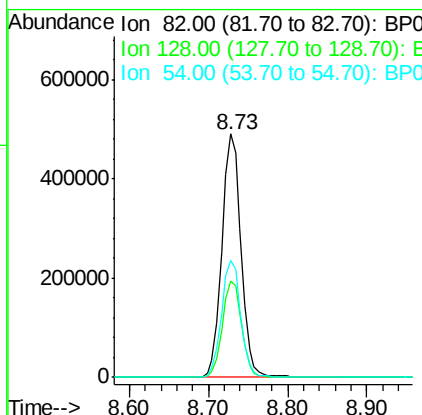
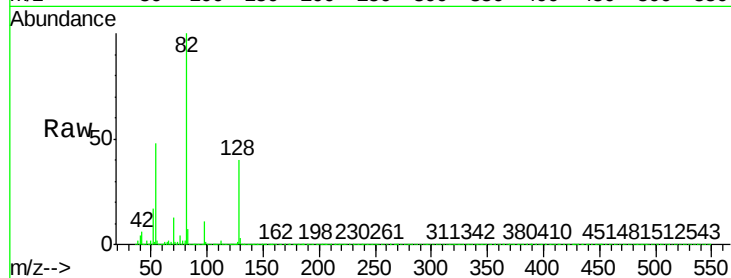




#23
Nitrobenzene-d5
Concen: 79.144 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

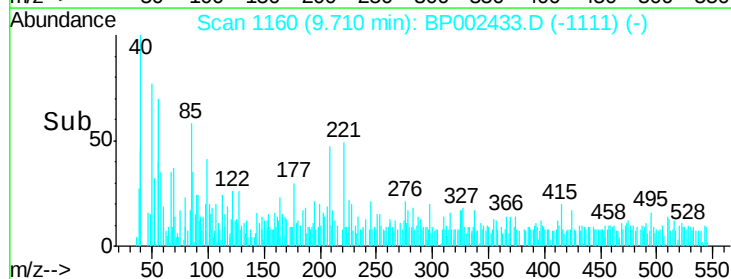
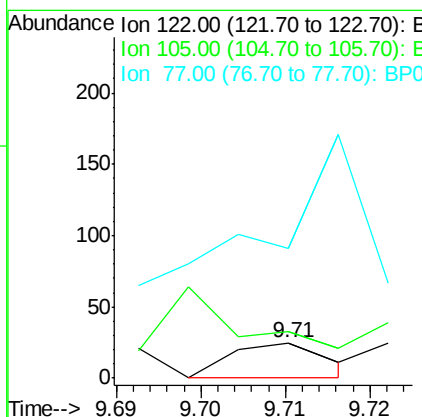
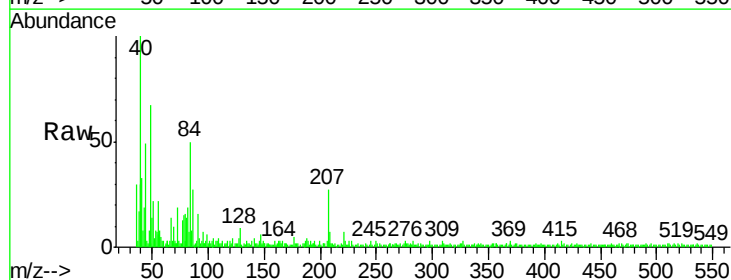
Instrument :
BNA_P
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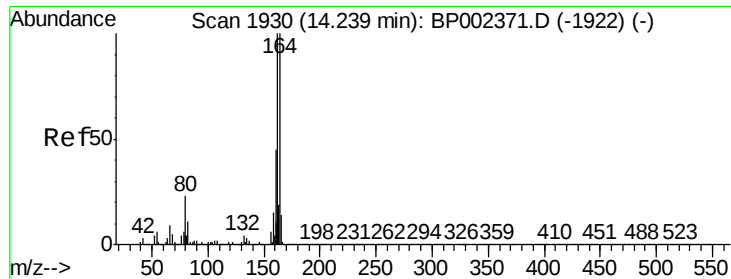
Tot Ion	82	Resp	822197
Ion Ratio	Lower	Upper	
82	100		
128	39.6	34.5	51.7
54	48.1	39.4	59.2



#32
Benzoic acid
Concen: 4.602 ng
RT: 9.71 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

Tgt Ion	122	Resp	20
Ion Ratio	Lower	Upper	
122	100		
105	132.0	106.3	146.3
77	364.0	77.5	117.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002433.D

Acq: 17 Jun 2020 23:06

Instrument :

BNA_P

ClientSampleId :

RO-17

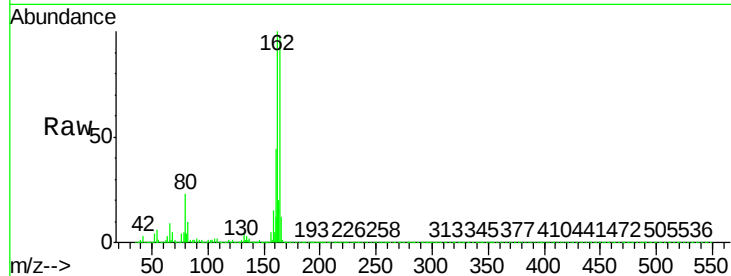
Tot Ion:164 Resp: 383661

Ion Ratio Lower Upper

164 100

162 103.5 79.8 119.8

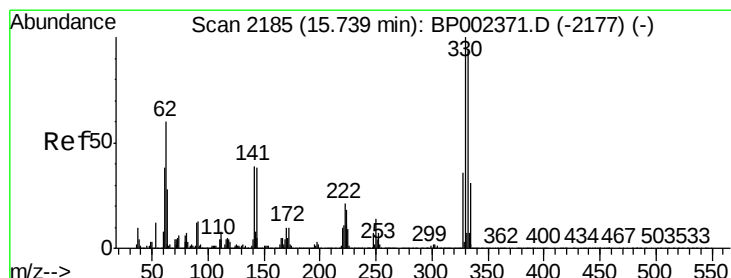
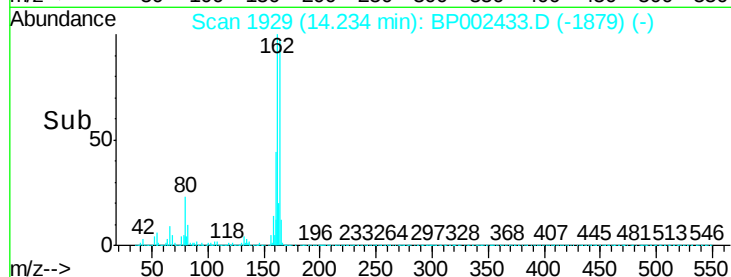
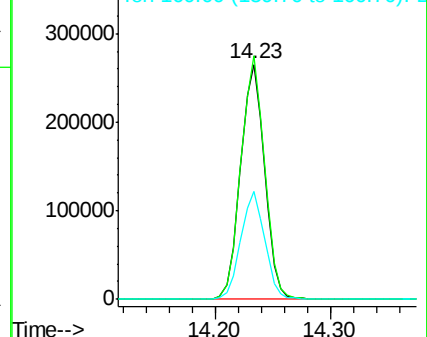
160 45.8 36.2 54.2



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: 116.455 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002433.D

Acq: 17 Jun 2020 23:06

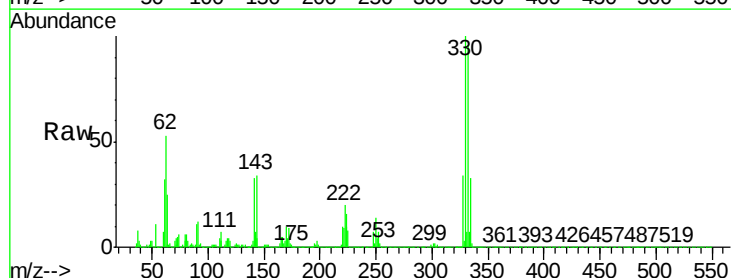
Tgt Ion:330 Resp: 427771

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

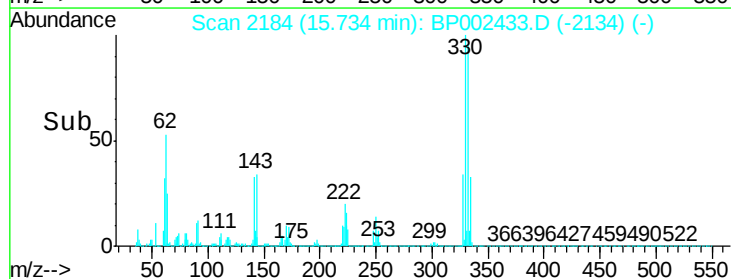
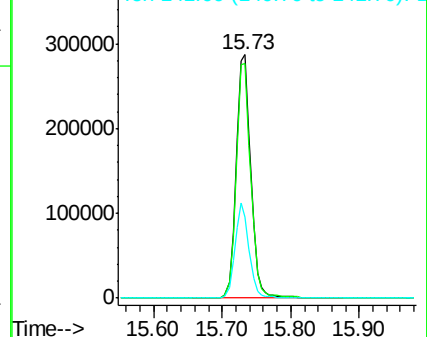
141 37.7 30.3 45.5

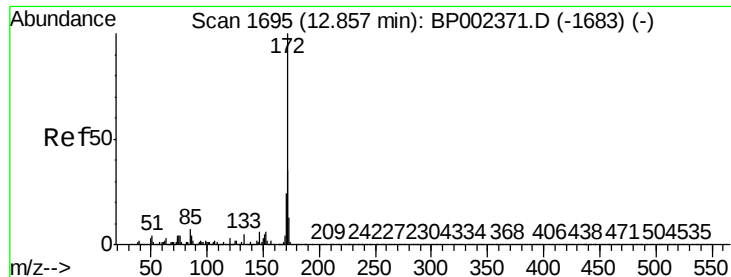


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

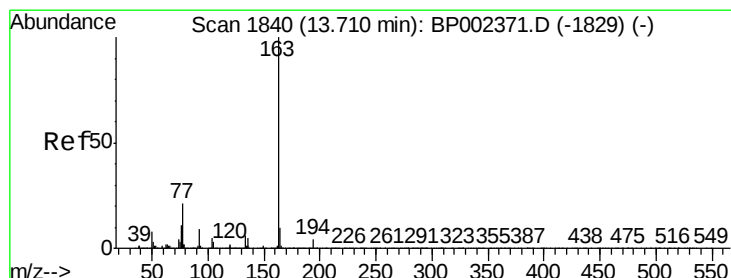
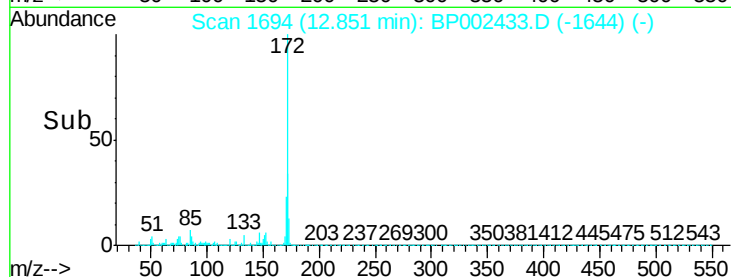
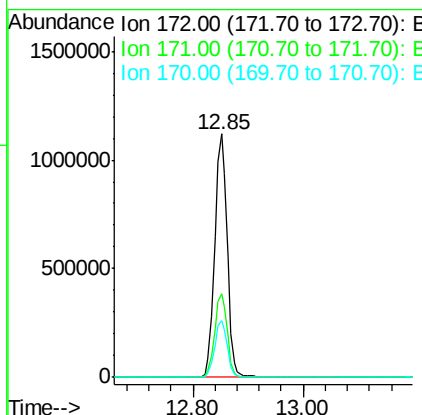
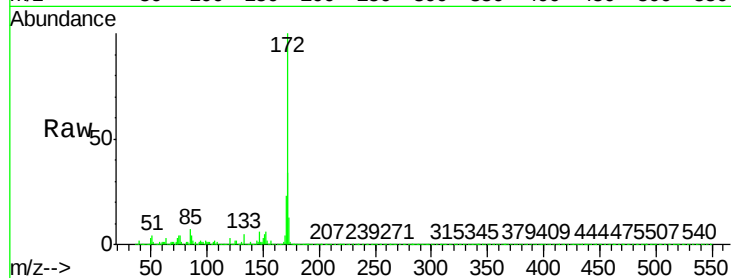




#45
2-Fluorobiphenyl
Concen: 77.503 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

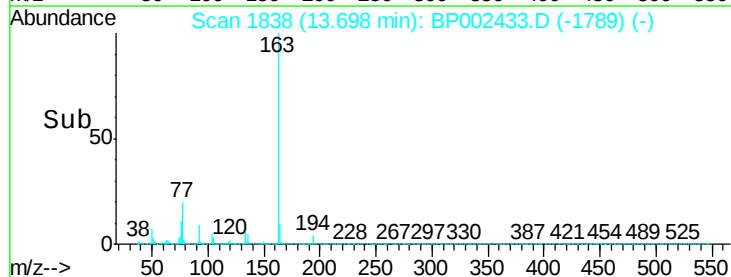
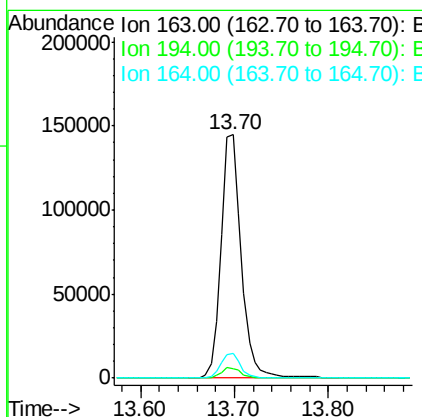
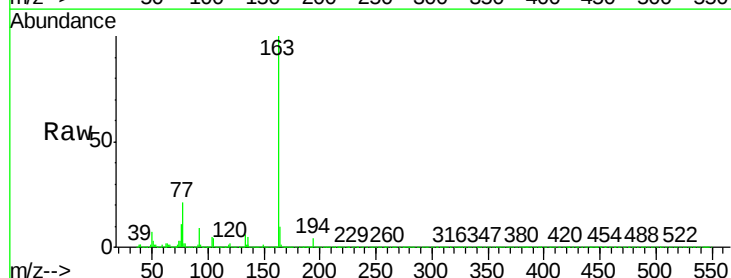
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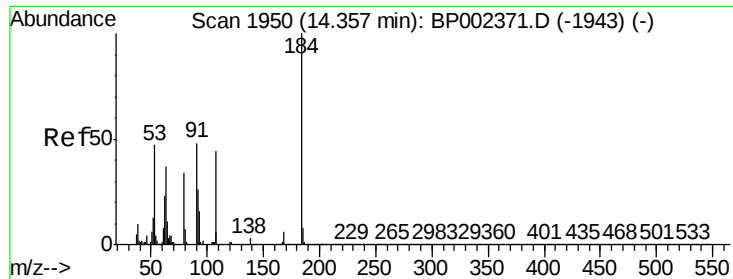
Tot Ion:172 Resp: 1768436
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.3 19.0 28.6



#50
Dimethylphthalate
Concen: 8.271 ng
RT: 13.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

Tgt Ion:163 Resp: 217436
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 8.1 12.1

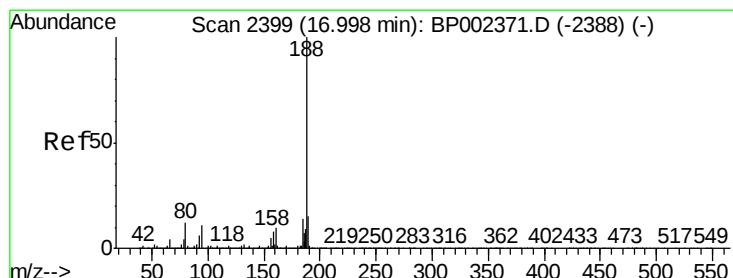
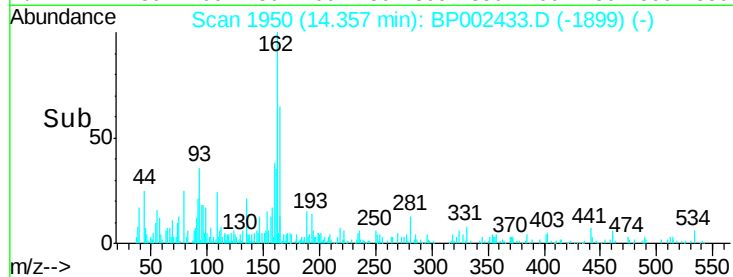
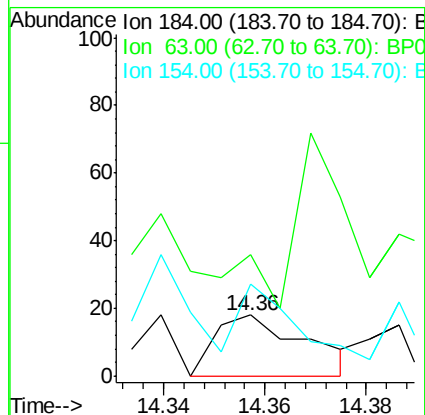
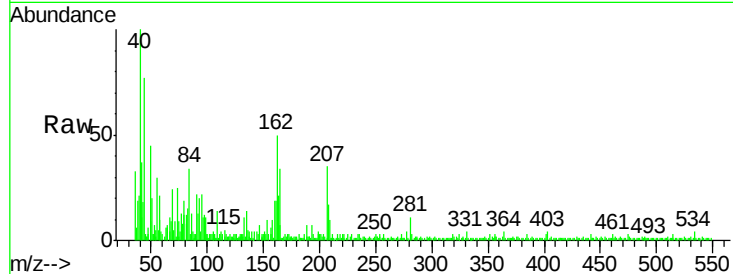




#54
2,4-Dinitrophenol
Concen: 2.792 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

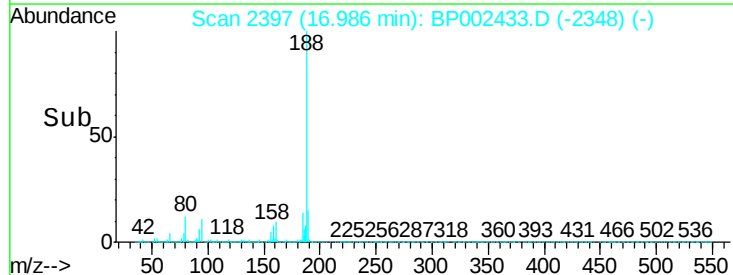
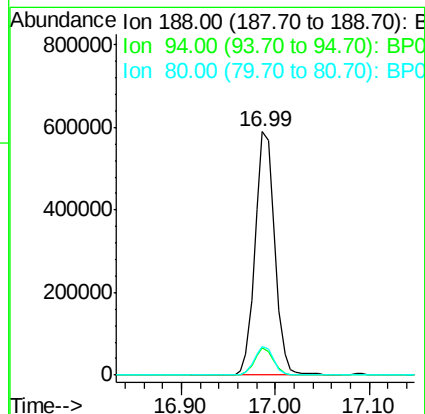
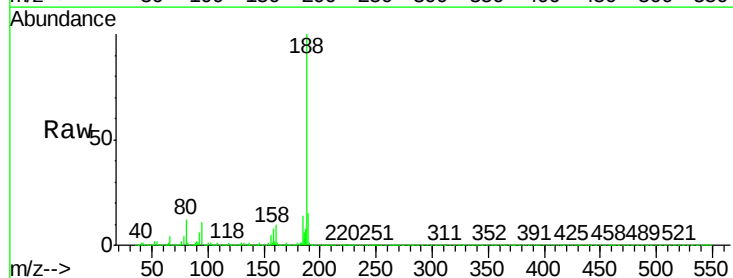
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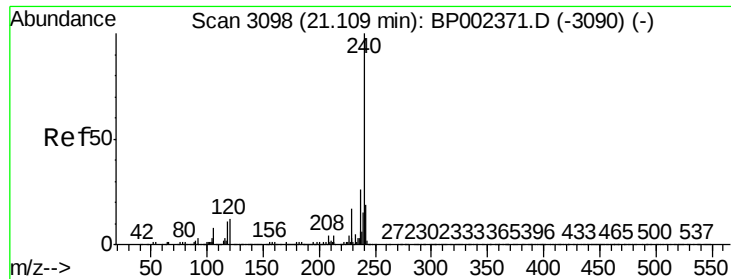
Tot Ion	Ratio	Lower	Upper
184	100		
63	200.0	52.3	78.5#
154	150.0	48.6	72.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.9	9.4	14.0

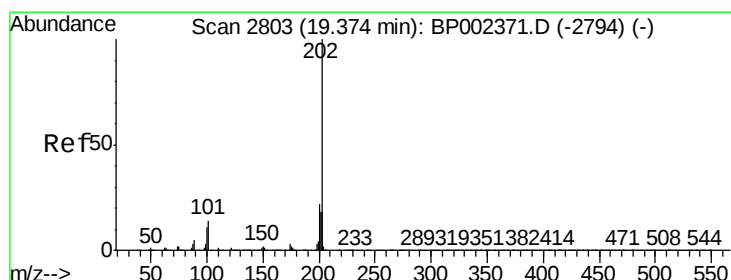
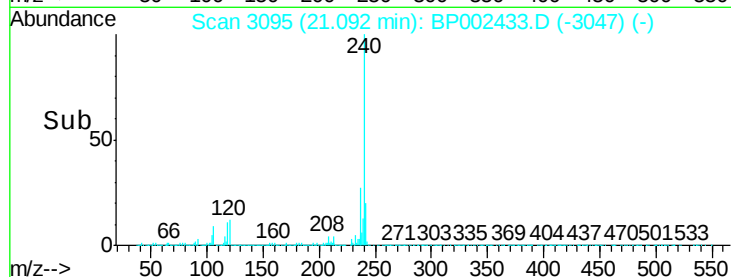
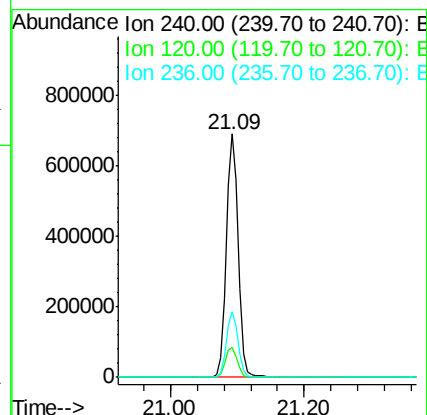
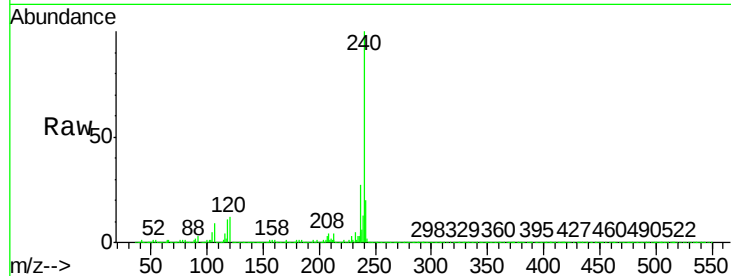




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

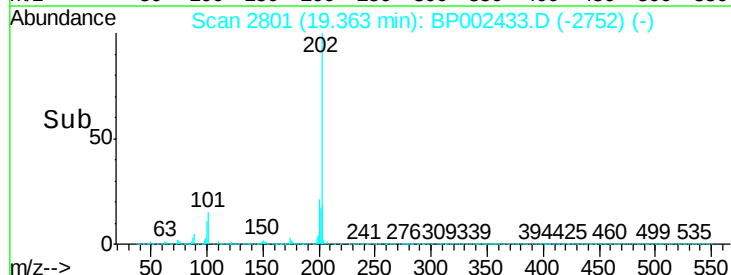
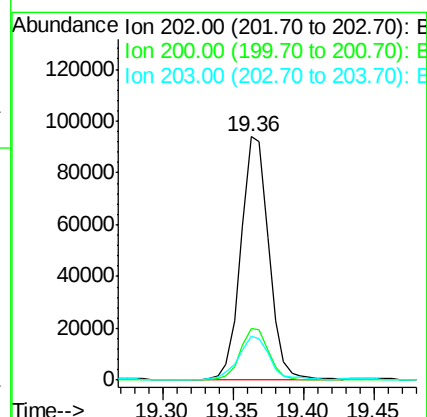
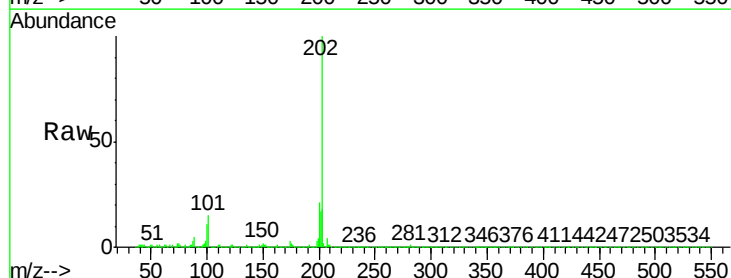
Instrument :
BNA_P
ClientSampleId :
RO-17

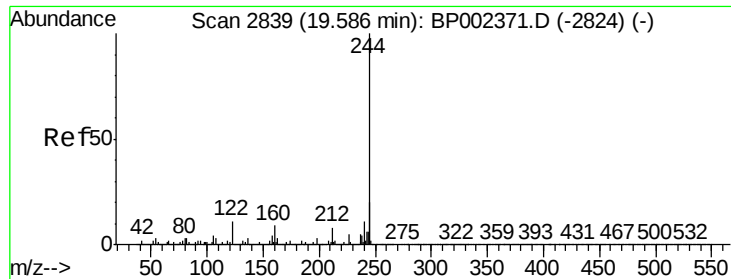
Tot Ion:240 Resp: 870262
Ion Ratio Lower Upper
240 100
120 12.3 9.3 13.9
236 26.8 21.0 31.6



#78
Pyrene
Concen: 2.429 ng
RT: 19.36 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

Tgt Ion:202 Resp: 129478
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 18.3 14.6 22.0





#79

Terphenyl-d14

Concen: 78.962 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002433.D

Acq: 17 Jun 2020 23:06

Instrument :

BNA_P

ClientSampled :

RO-17

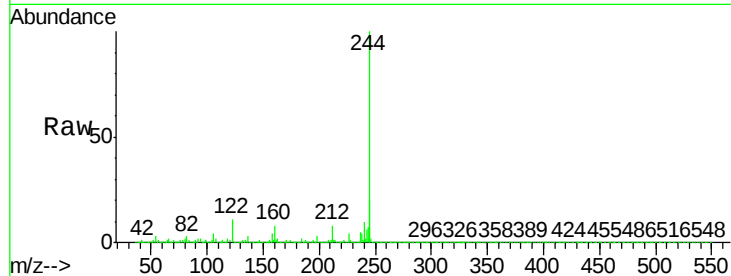
Tot Ion:244 Resp: 2740243

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

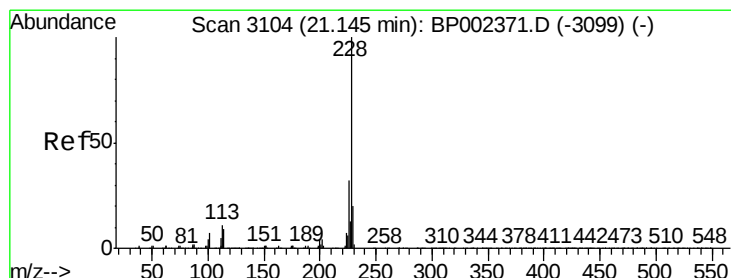
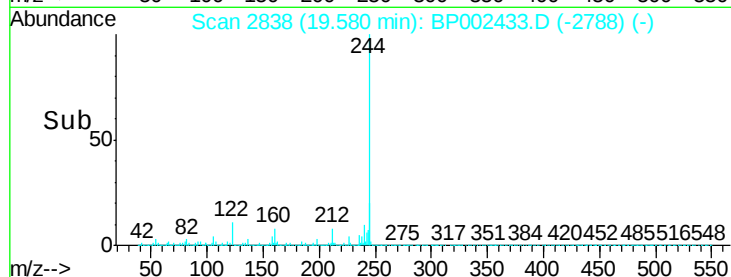
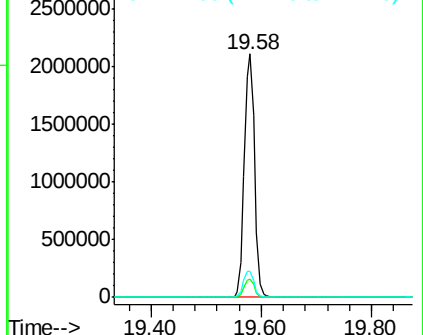
122 10.8 8.8 13.2



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



#83

Chrysene

Concen: 2.229 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BP002433.D

Acq: 17 Jun 2020 23:06

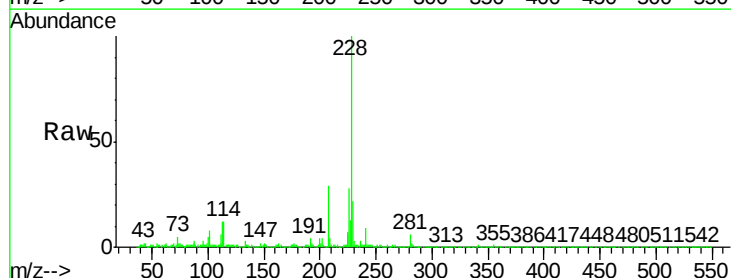
Tgt Ion:228 Resp: 104900

Ion Ratio Lower Upper

228 100

226 27.5 25.2 37.8

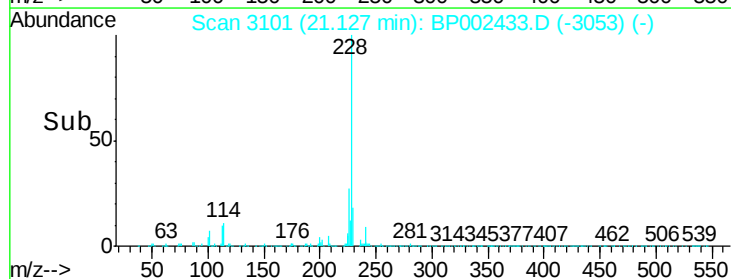
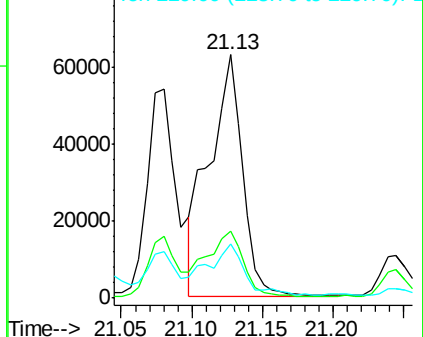
229 22.3 16.1 24.1

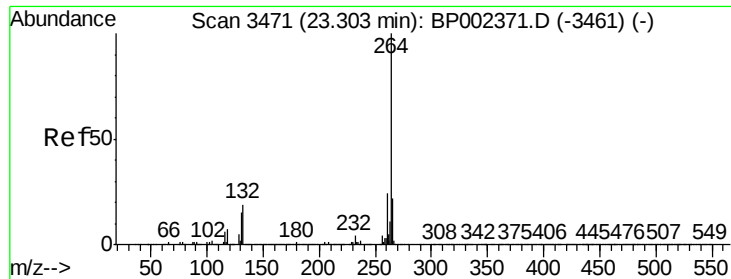


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



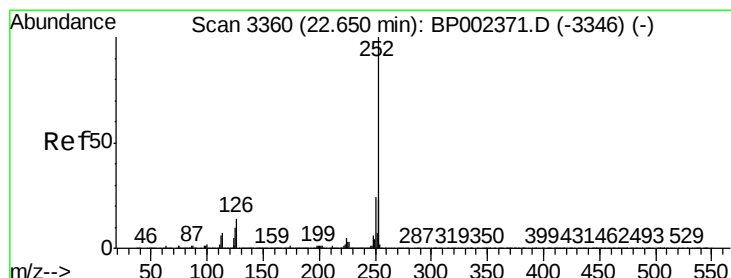
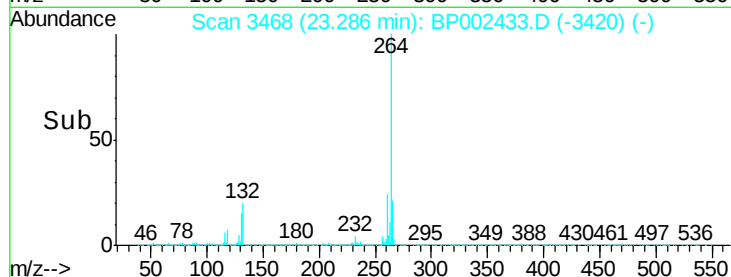
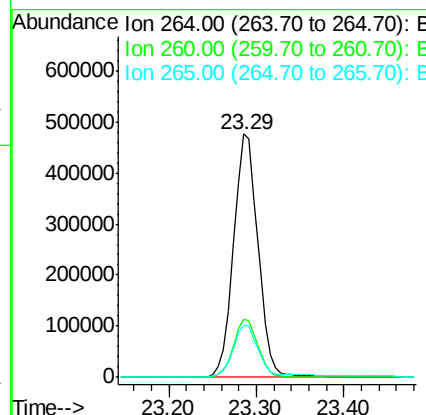
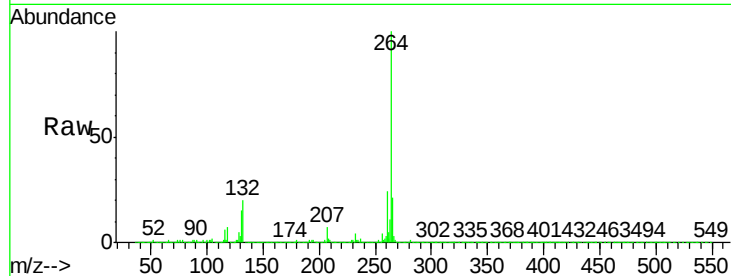


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

Instrument :
BNA_P
ClientSampleId :
RO-17

Tot Ion:264 Resp: 905667

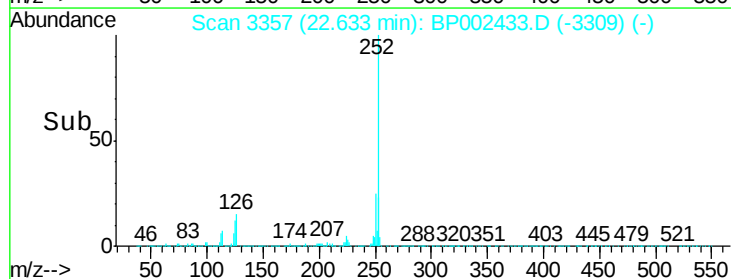
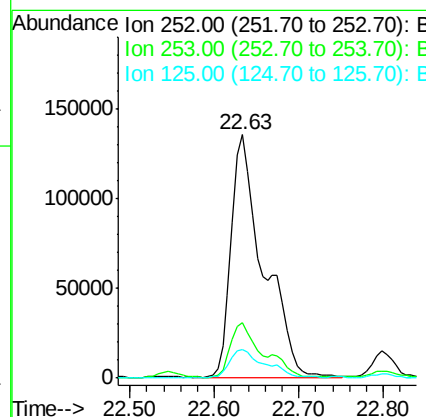
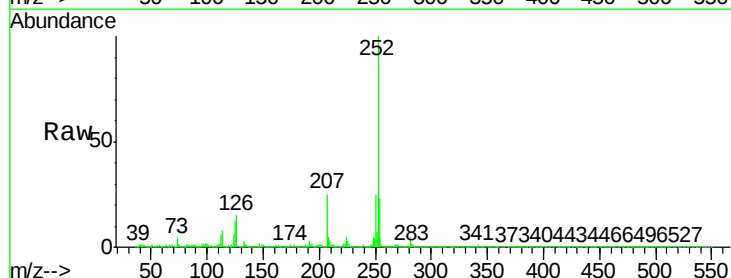
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.2	17.4	26.2

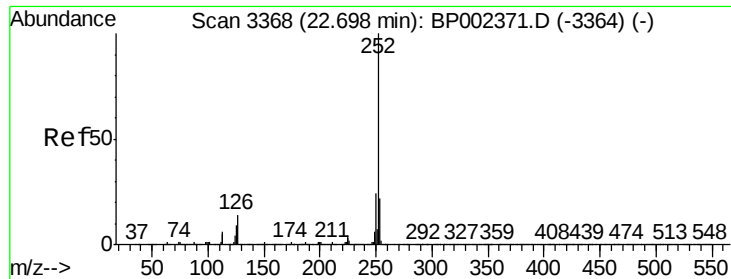


#88
Benzo(b)fluoranthene
Concen: 7.313 ng
RT: 22.63 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BP002433.D
Acq: 17 Jun 2020 23:06

Tgt Ion:252 Resp: 357153

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.9	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 7.696 ng

RT: 22.63 min Scan# 3357

Delta R.T. -0.06 min

Lab File: BP002433.D

Acq: 17 Jun 2020 23:06

Instrument :

BNA_P

ClientSampleId :

RO-17

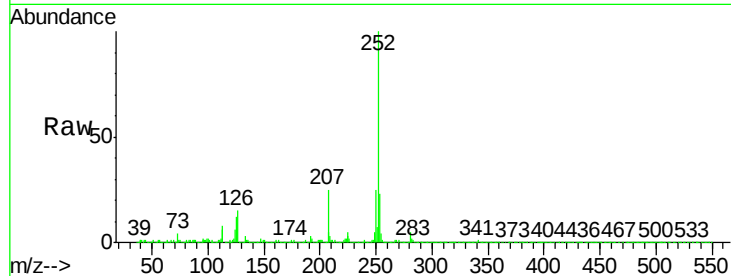
Tot Ion:252 Resp: 357153

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

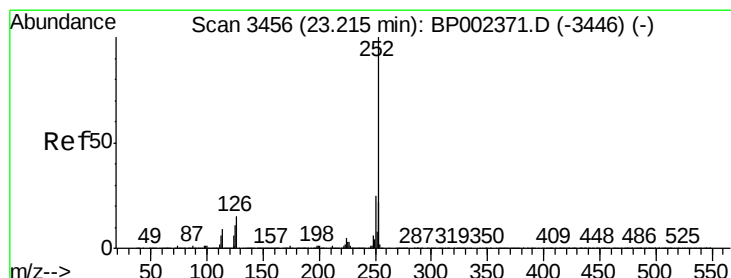
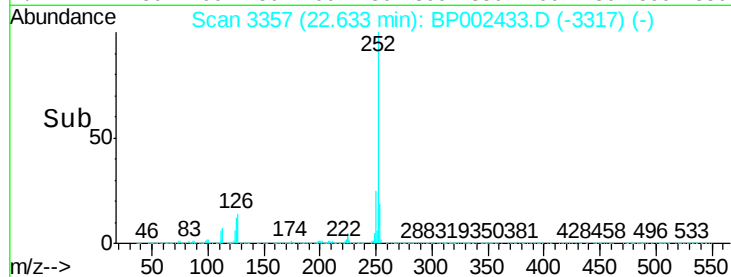
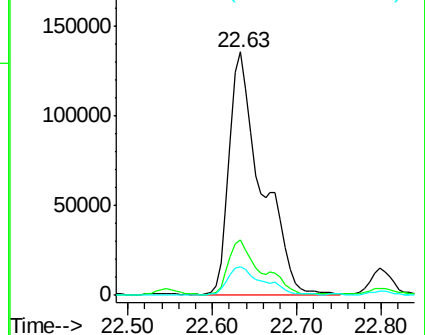
125 11.9 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 3.627 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.02 min

Lab File: BP002433.D

Acq: 17 Jun 2020 23:06

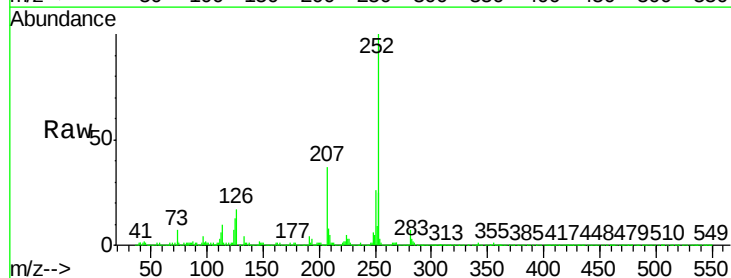
Tgt Ion:252 Resp: 166022

Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.8

125 12.7 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

