

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
 Data File : BP002528.D
 Acq On : 24 Jun 2020 18:09
 Operator : CG/JU
 Sample : L3089-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB44767-RT

Manual Integrations
 APPROVED

mohammad
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Quant Time: Jun 24 18:42:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	212618	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	806044	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	450877	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	878431	20.00	ng	0.00
76) Chrysene-d12	21.09	240	794888	20.00	ng	0.00
86) Perylene-d12	23.29	264	910627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1456246	126.74	ng	0.00
7) Phenol-d6	6.78	99	1903888	124.45	ng	0.00
23) Nitrobenzene-d5	8.73	82	1309283	97.00	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	593921	137.58	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2527735	94.26	ng	0.00
79) Terphenyl-d14	19.57	244	2878841	97.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.69	163	243485	7.881	ng	100
71) Phenanthrene	17.03	178	195745	4.764	ng	99
75) Fluoranthene	19.01	202	525399	10.712	ng	98
78) Pyrene	19.36	202	451224	9.267	ng	99
81) Benzo(a)anthracene	21.07	228	259515	5.720	ng	97
83) Chrysene	21.13	228	309569m	7.201	ng	
87) Indeno(1,2,3-cd)pyrene	25.49	276	205455	3.607	ng	99
88) Benzo(b)fluoranthene	22.63	252	426924	8.694	ng	99
89) Benzo(k)fluoranthene	22.67	252	159192m	3.412	ng	
90) Benzo(a)pyrene	23.19	252	274841	5.972	ng	96
92) Benzo(g,h,i)perylene	26.16	276	195745	4.137	ng	99

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

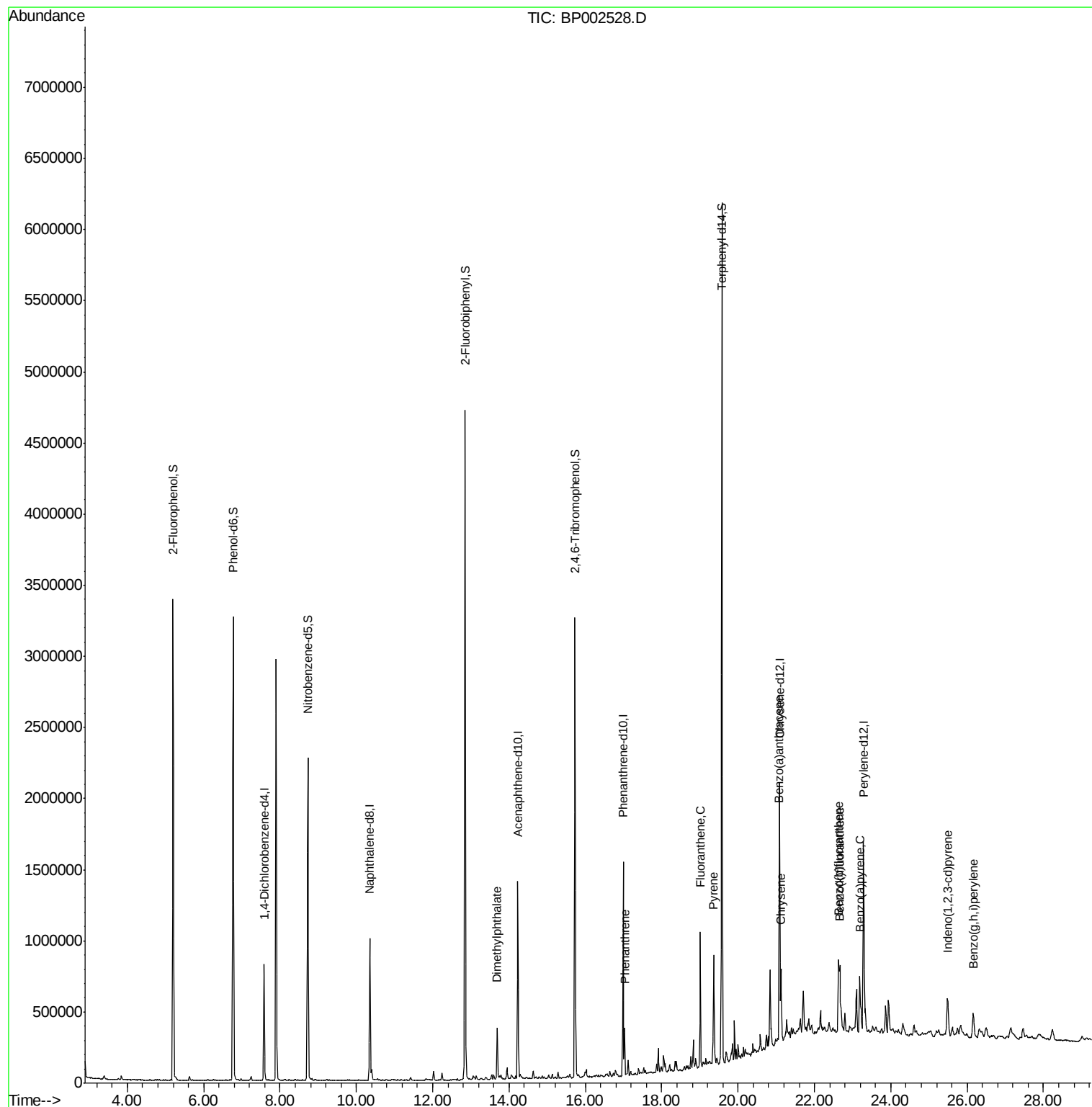
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Data File : BP002528.D
Acq On : 24 Jun 2020 18:09
Operator : CG/JU
Sample : L3089-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

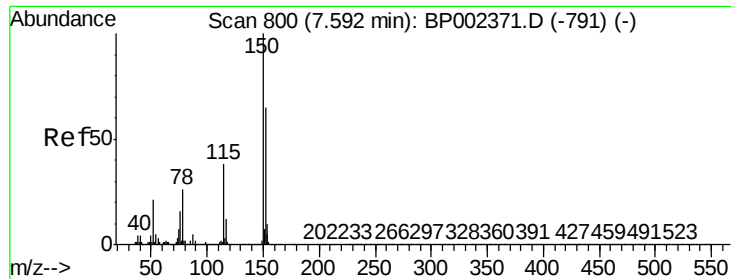
Instrument :
BNA_P
ClientSampleId :
RB44767-RT

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Quant Time: Jun 24 18:42:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration





#1

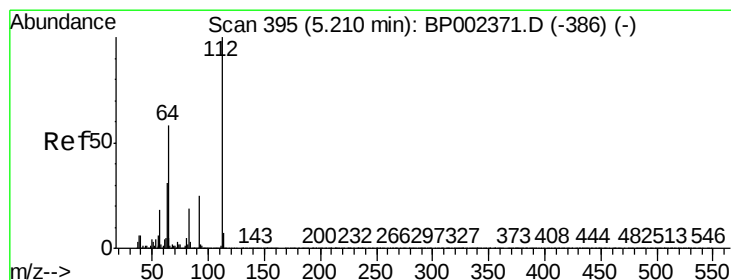
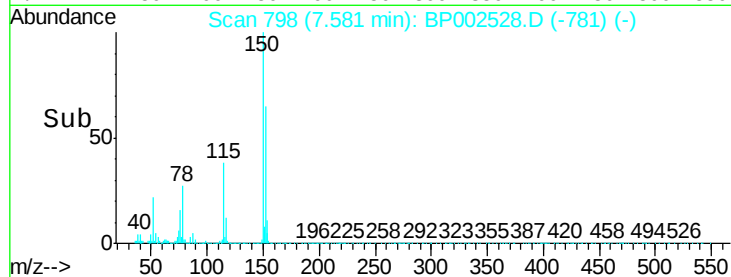
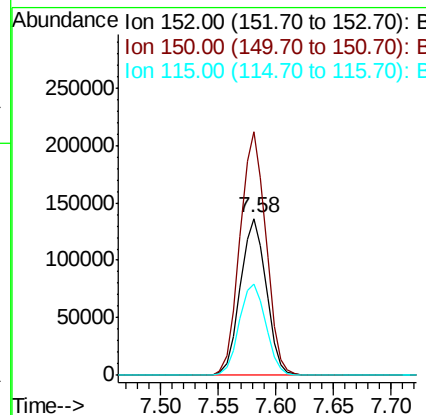
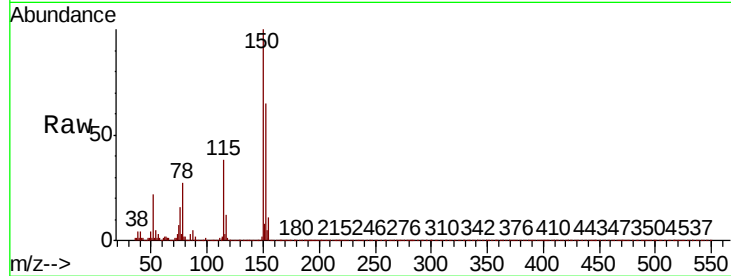
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Instrument :
BNA_P
ClientSampleId :
RB44767-RT

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.4	186.6
115	58.5	47.8	71.6

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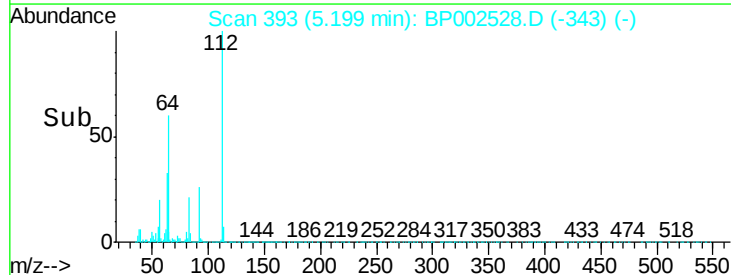
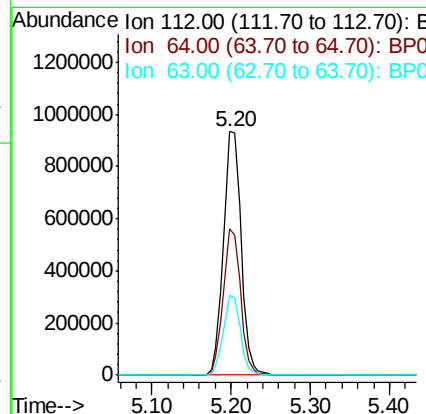
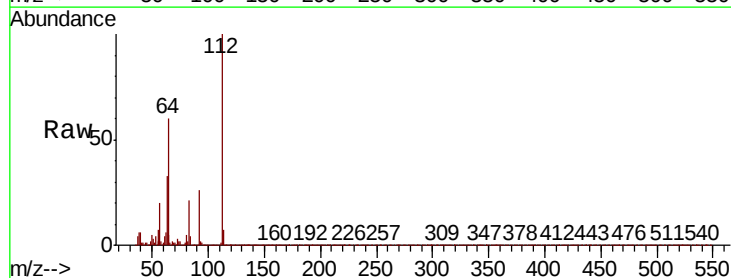
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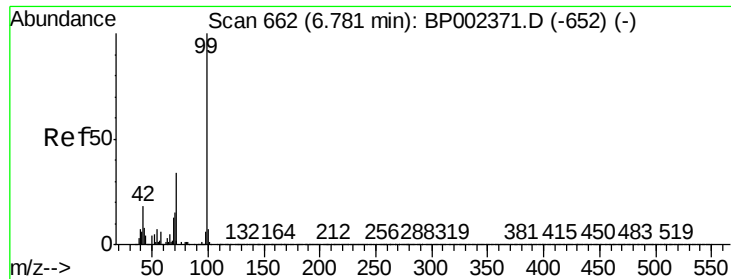


#5

2-Fluorophenol
Concen: 126.737 ng
RT: 5.20 min Scan# 393
Delta R.T. -0.01 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	46.4	69.6
63	32.8	25.0	37.6





#7

Phenol-d6

Concen: 124.453 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.00 min

Lab File: BP002528.D

Acq: 24 Jun 2020 18:09

Instrument :

BNA_P

ClientSampleId :

RB44767-RT

Tot Ion: 99 Resp: 1903888

Ion Ratio Lower Upper

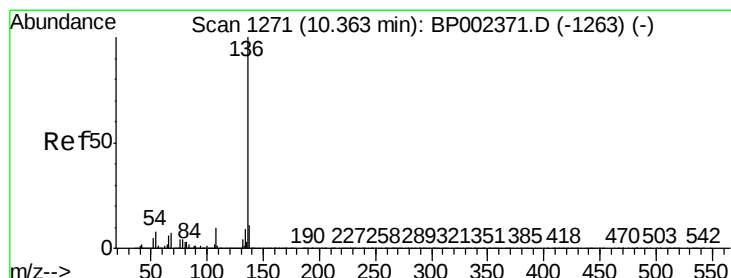
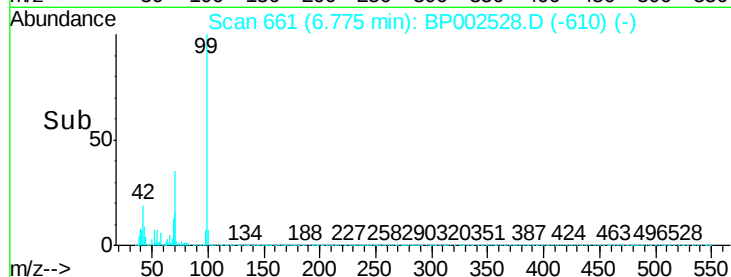
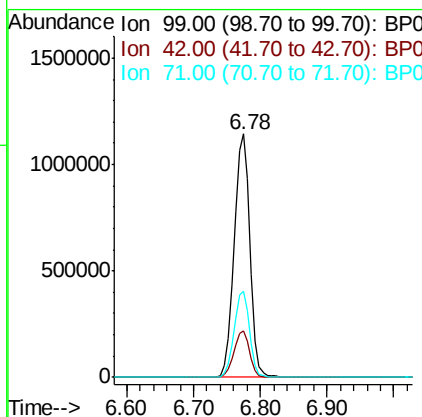
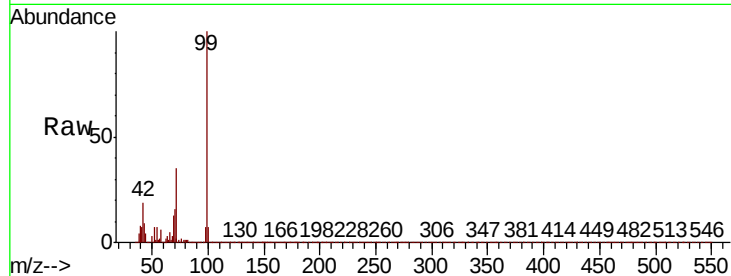
99 100

42 19.0 15.3 22.9

71 35.4 28.2 42.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP002528.D

Acq: 24 Jun 2020 18:09

Tgt Ion: 136 Resp: 806044

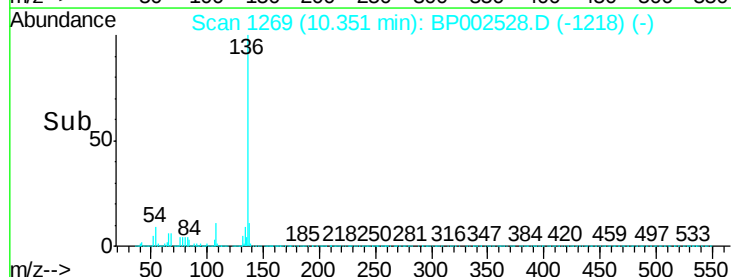
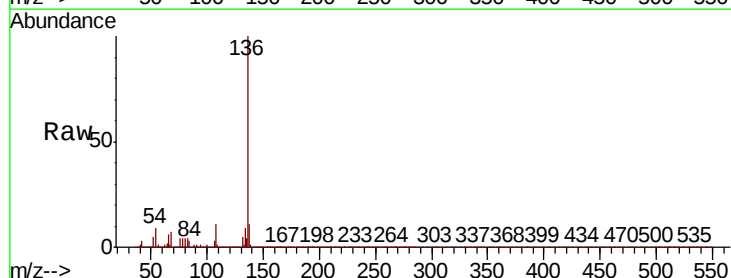
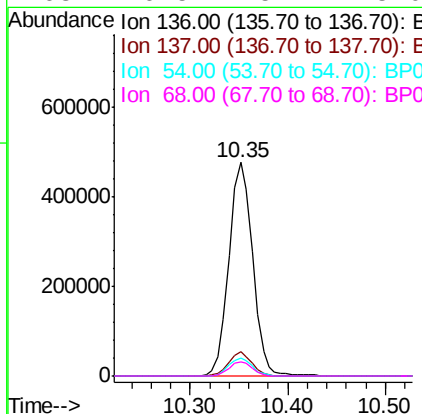
Ion Ratio Lower Upper

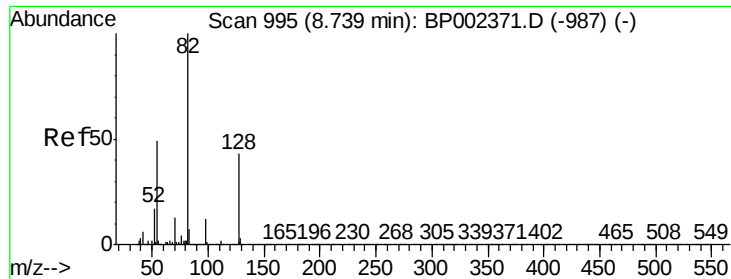
136 100

137 11.2 8.9 13.3

54 8.6 6.6 10.0

68 6.5 5.4 8.0





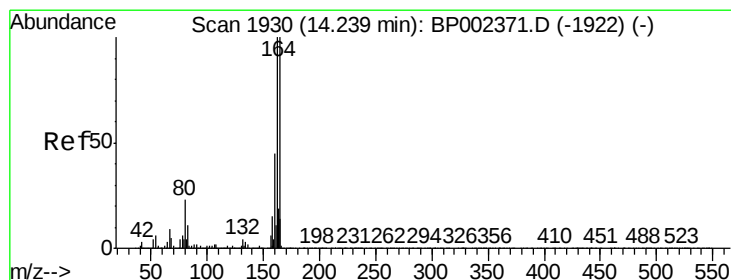
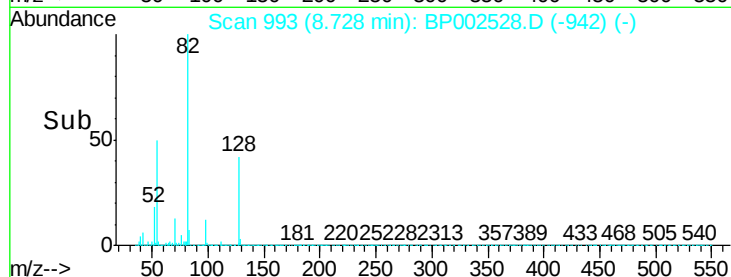
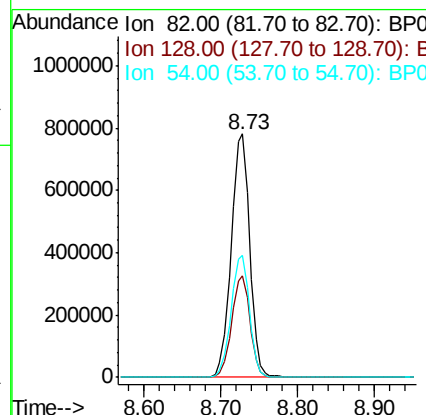
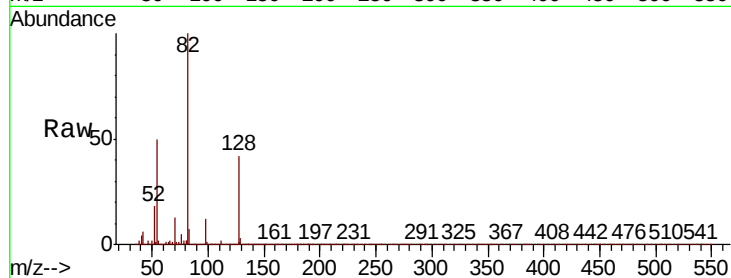
#23
Nitrobenzene-d5
Concen: 97.003 ng
RT: 8.73 min Scan# 993
Delta R.T. 0.00 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Instrument :
BNA_P
ClientSampleId :
RB44767-RT

Tot Ion	82	Resp	1309283
Ion Ratio	100	Lower	Upper
82	100		
128	41.7	32.8	49.2
54	50.2	39.9	59.9

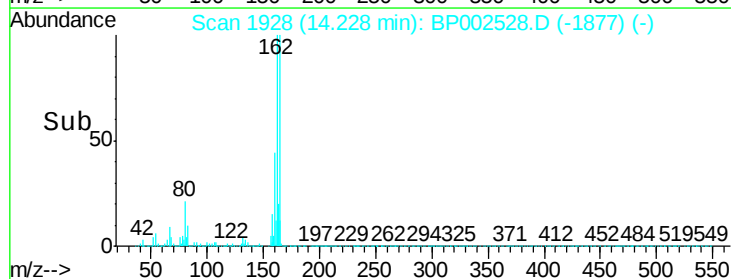
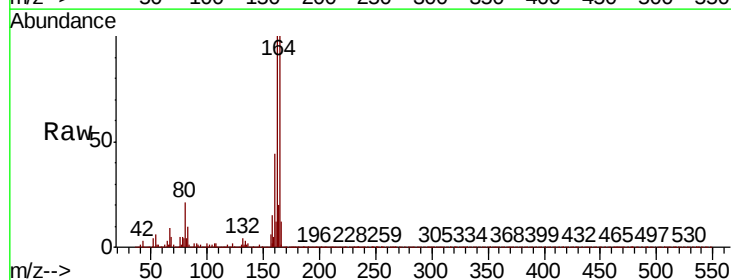
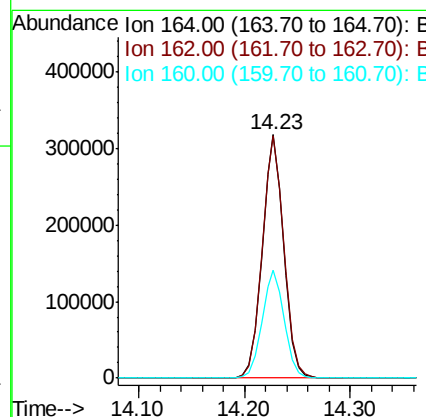
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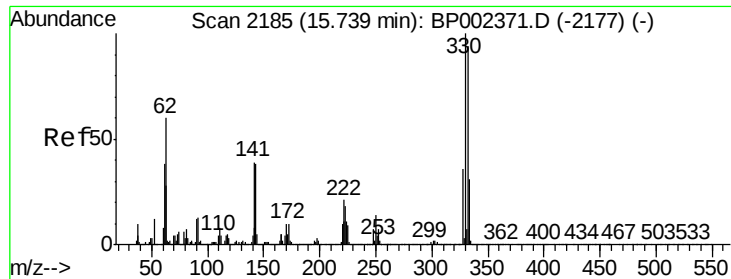
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Tgt Ion	164	Resp	450877
Ion Ratio	100	Lower	Upper
164	100		
162	99.7	80.6	121.0
160	44.5	35.4	53.2





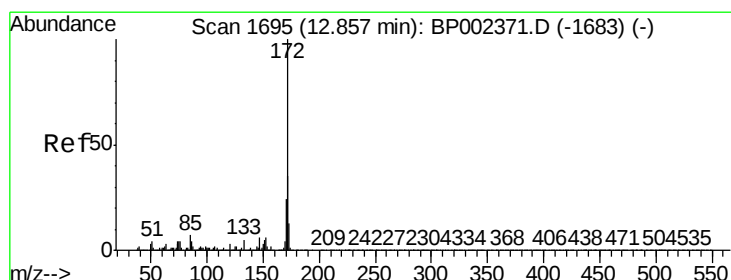
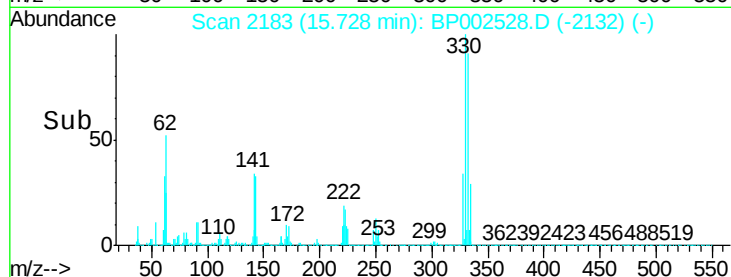
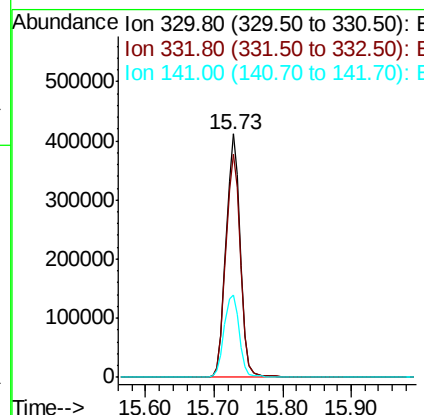
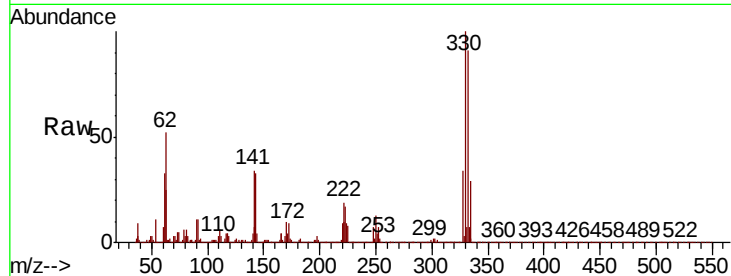
#42
2,4,6-Tribromophenol
Concen: 137.583 ng
RT: 15.73 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Instrument :
BNA_P
ClientSampleId :
RB44767-RT

Tot Ion	Ratio	Resp	Lower	Upper
330	100	593921		
332	94.5	77.2	115.8	
141	35.4	30.4	45.6	

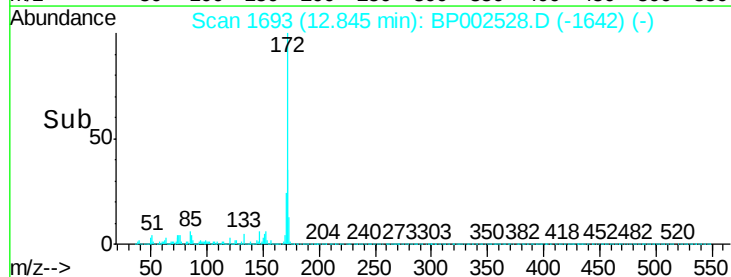
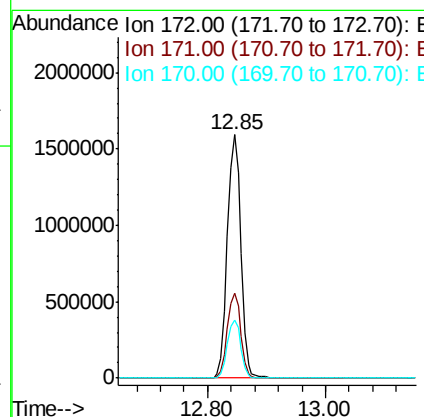
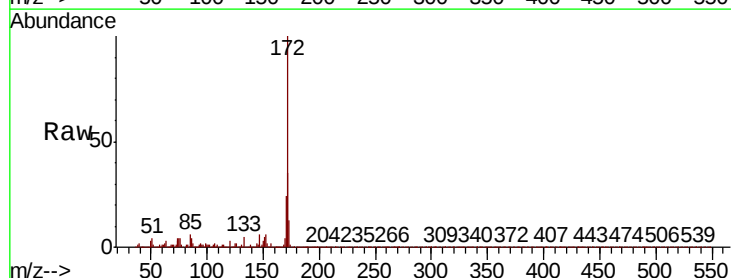
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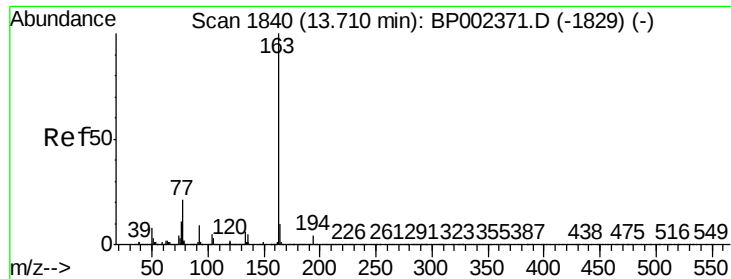
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#45
2-Fluorobiphenyl
Concen: 94.265 ng
RT: 12.85 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2527735		
171	35.0	27.9	41.9	
170	23.7	19.0	28.6	





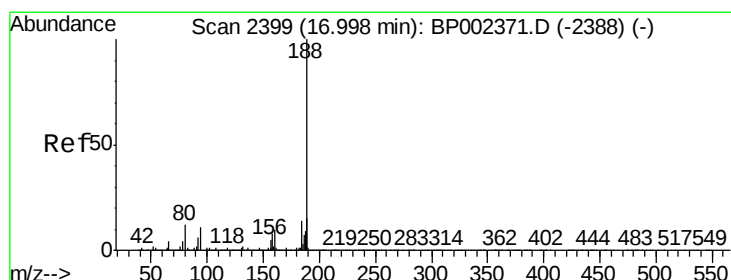
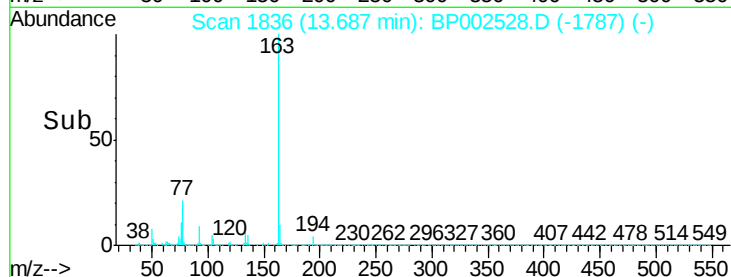
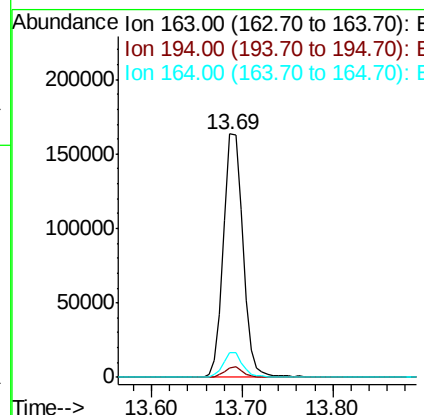
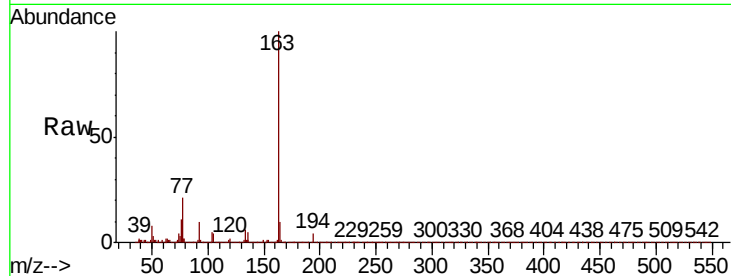
#50
Dimethylphthalate
Concen: 7.881 ng
RT: 13.69 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Instrument :
BNA_P
ClientSampled :
RB44767-RT

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		243485		
194	4.1		3.4	5.0	
164	10.0		8.2	12.2	

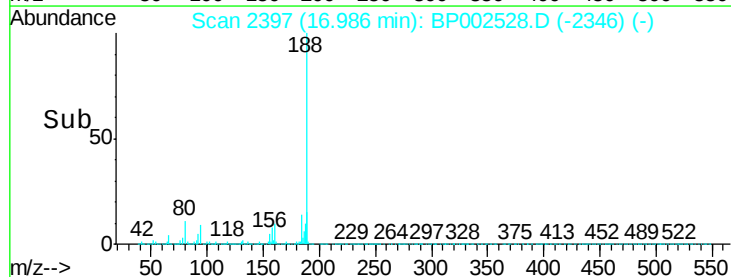
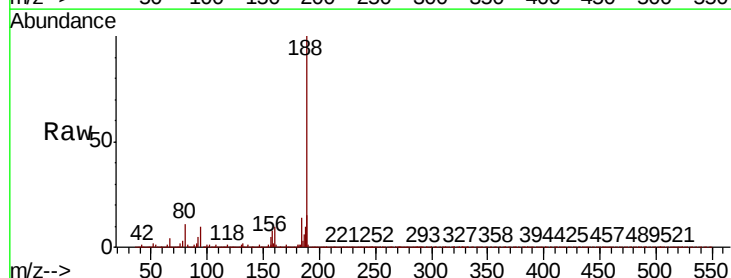
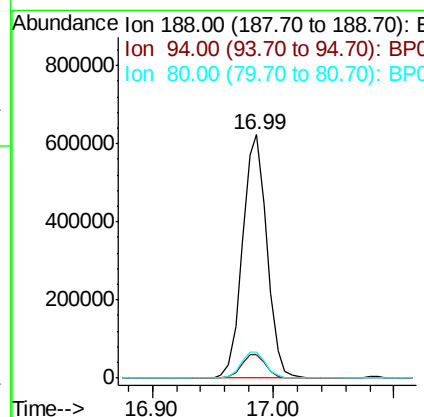
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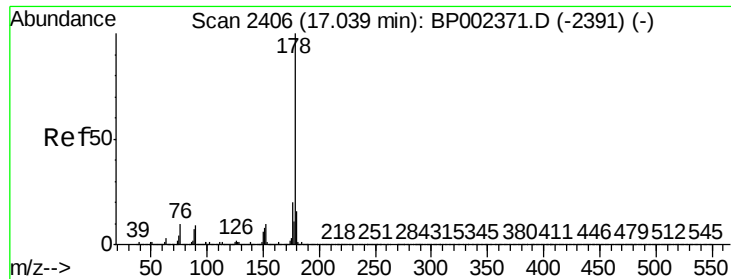
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		878431		
94	9.5		7.6	11.4	
80	10.6		8.3	12.5	





#71

Phenanthrene

Concen: 4.764 ng

RT: 17.03 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BP002528.D

Acq: 24 Jun 2020 18:09

Instrument :

BNA_P

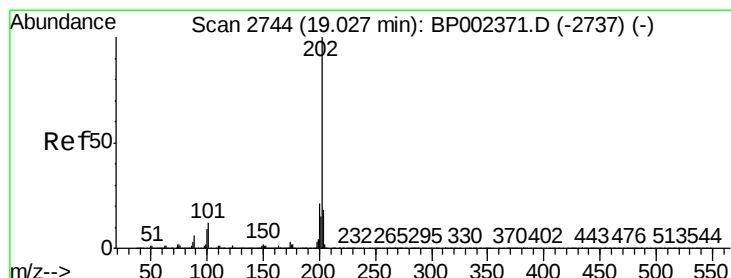
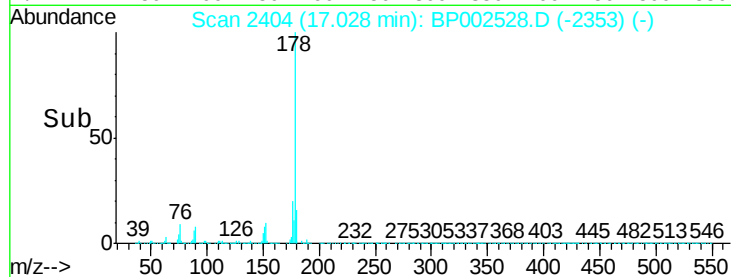
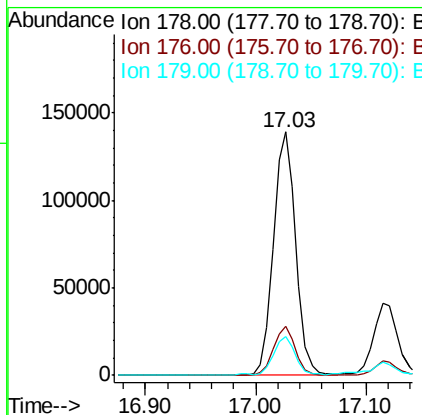
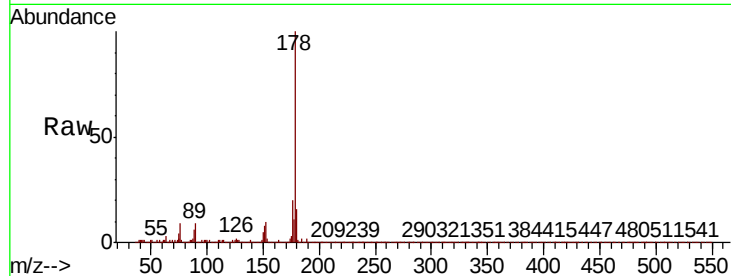
ClientSampleId :

RB44767-RT

Tot Ion:	178	Resp:	195745
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.6	23.4
179	16.0	12.8	19.2

Manual Integrations
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#75

Fluoranthene

Concen: 10.712 ng

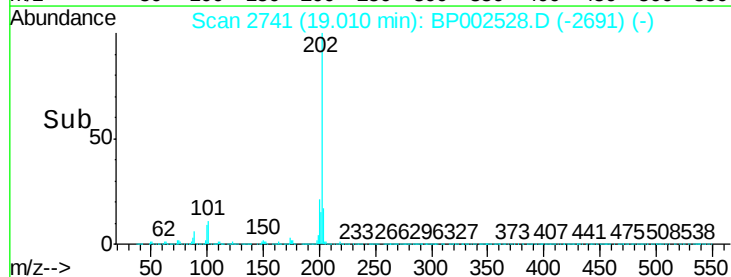
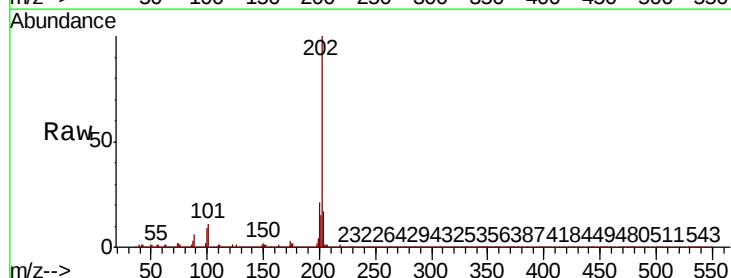
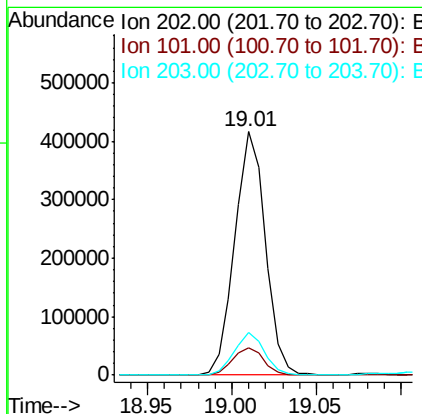
RT: 19.01 min Scan# 2741

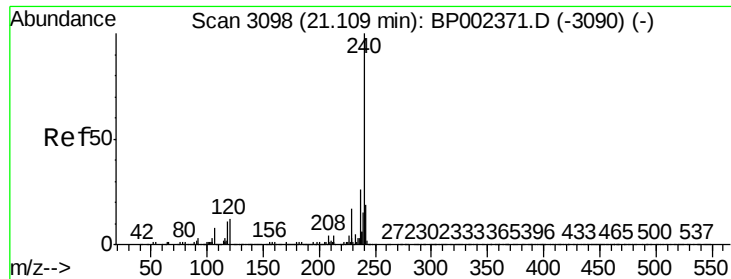
Delta R.T. -0.01 min

Lab File: BP002528.D

Acq: 24 Jun 2020 18:09

Tgt Ion:	202	Resp:	525399
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.3
203	17.3	0.0	36.9





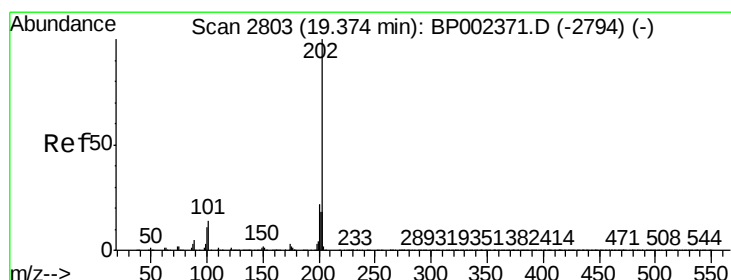
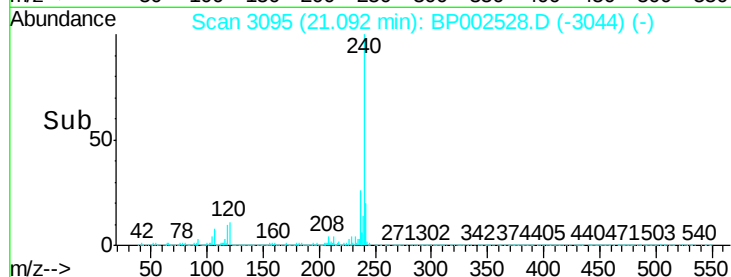
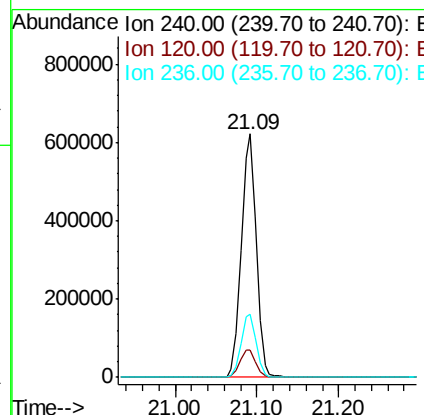
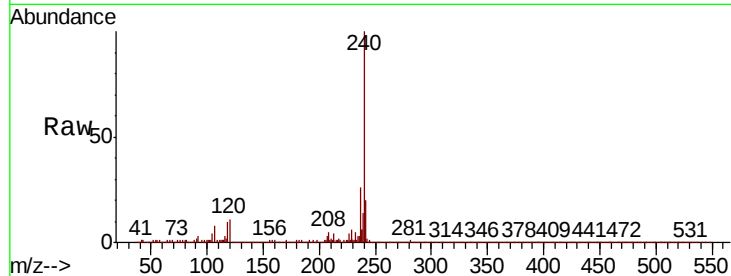
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Instrument :
BNA_P
ClientSampleId :
RB44767-RT

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	8.9	13.3
236	26.2	21.7	32.5

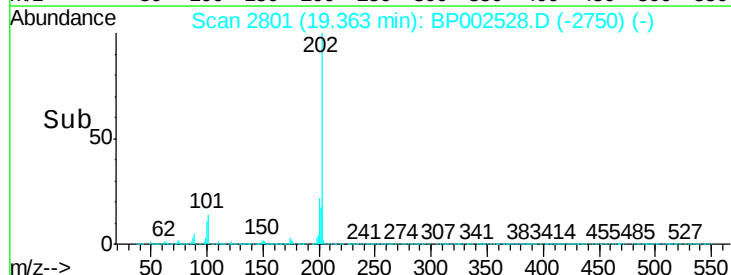
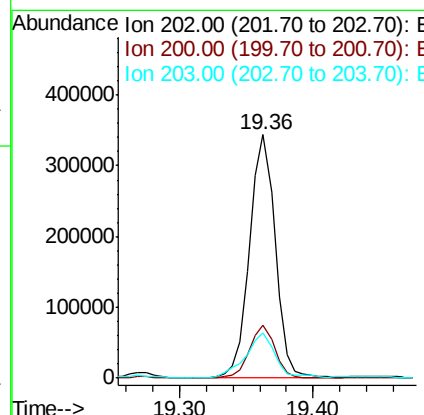
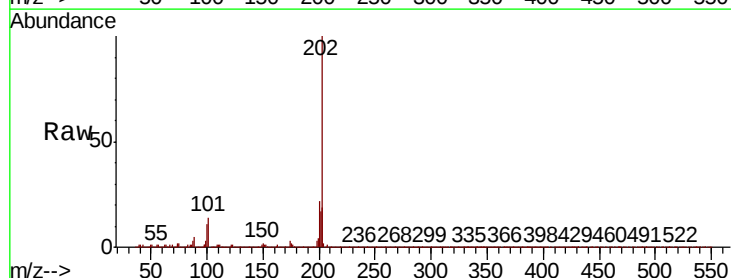
Manual Integrations
APPROVED

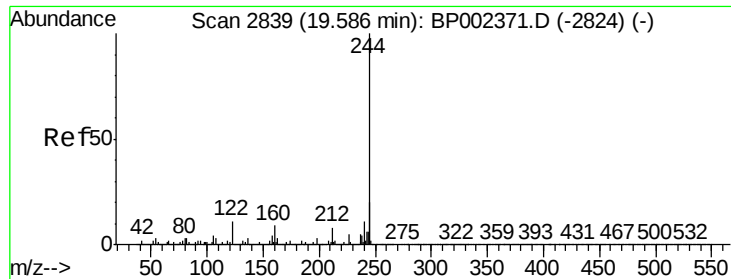
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#78
Pyrene
Concen: 9.267 ng
RT: 19.36 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.6	14.1	21.1





#79

Terphenyl-d14

Concen: 97.014 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BP002528.D

Acq: 24 Jun 2020 18:09

Instrument :

BNA_P

ClientSampled :

RB44767-RT

Tot Ion:244 Resp: 2878841

Ion Ratio Lower Upper

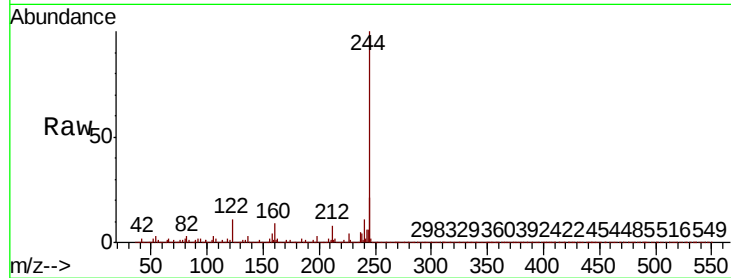
244 100

212 7.9 6.5 9.7

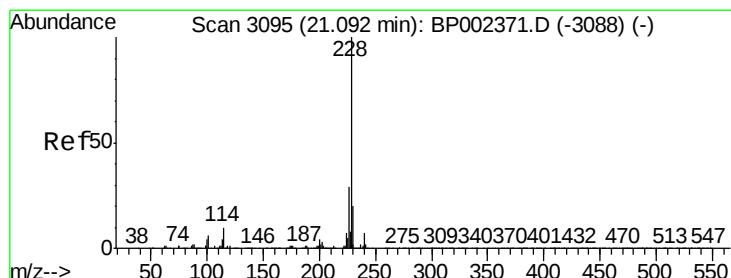
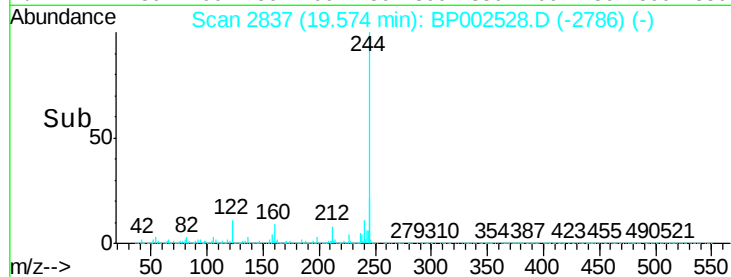
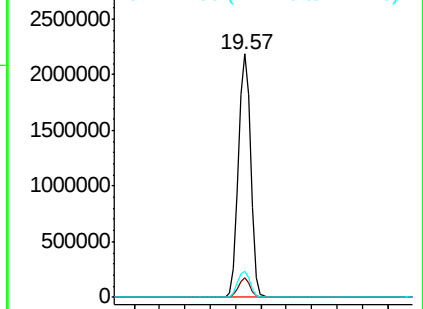
122 10.6 8.0 12.0

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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



#81

Benzo(a)anthracene

Concen: 5.720 ng

RT: 21.07 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BP002528.D

Acq: 24 Jun 2020 18:09

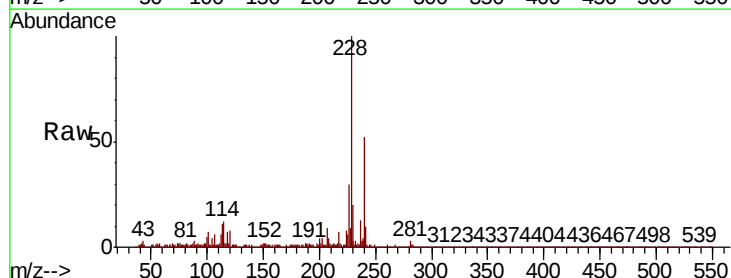
Tgt Ion:228 Resp: 259515

Ion Ratio Lower Upper

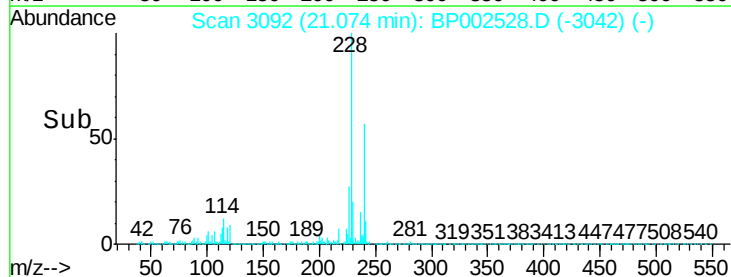
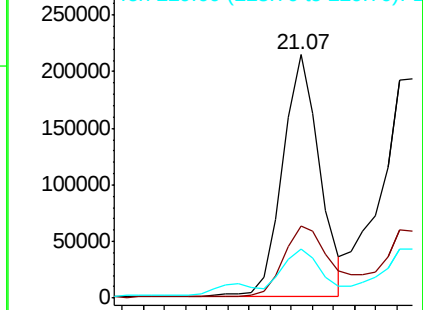
228 100

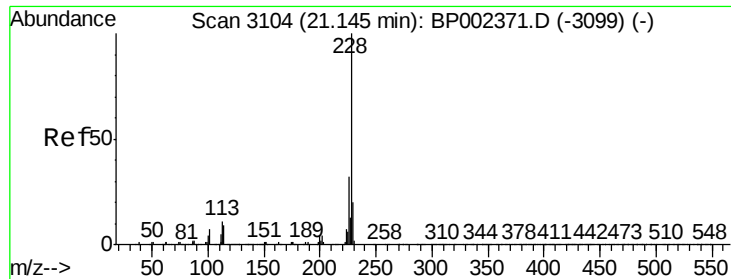
226 29.8 22.3 33.5

229 20.3 15.9 23.9



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





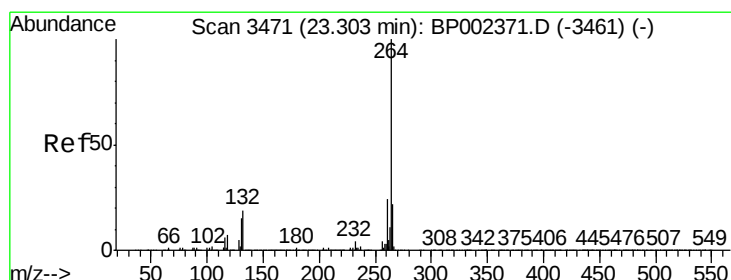
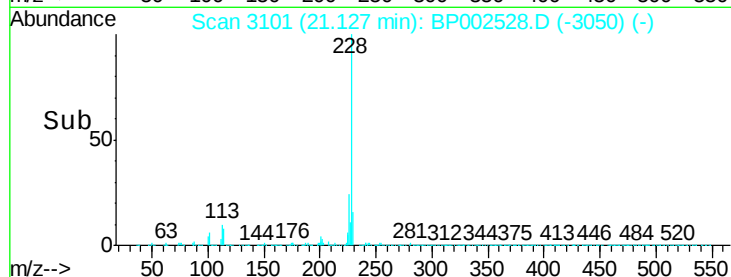
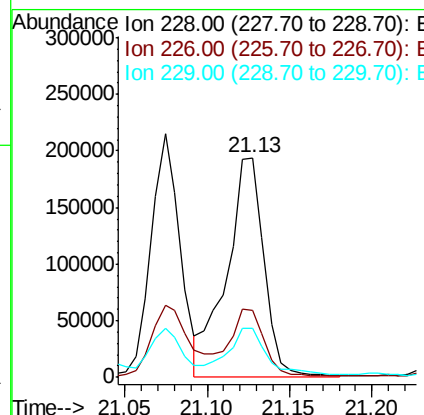
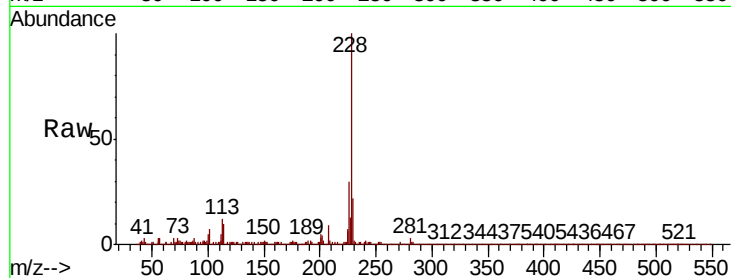
#83
Chrysene
Concen: 7.201 ng/ml
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Instrument :
BNA_P
ClientSampleId :
RB44767-RT

Tot Ion:	228	Resp:	309569
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	22.5	15.7	23.5

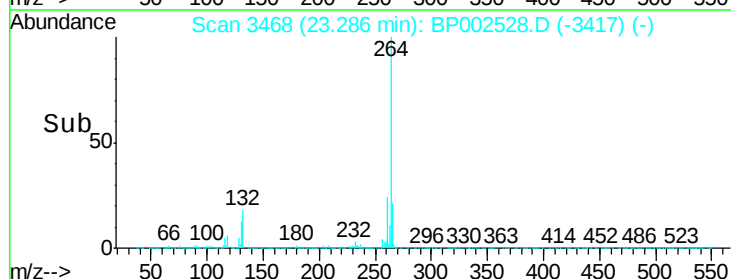
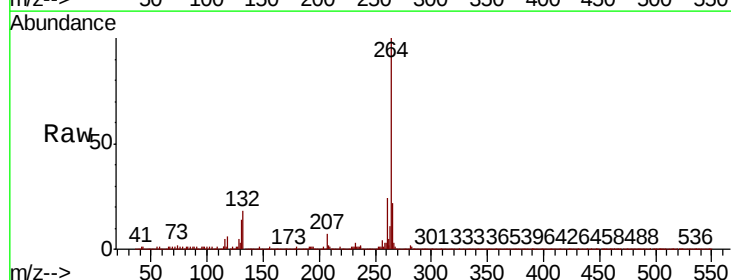
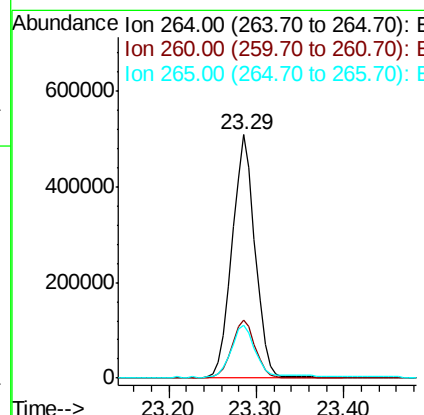
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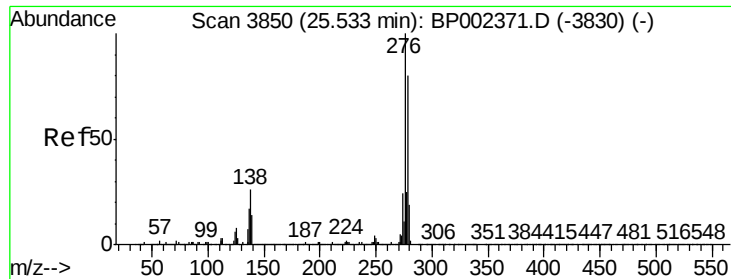
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Tgt Ion:	264	Resp:	910627
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.7	29.5
265	21.7	17.6	26.4





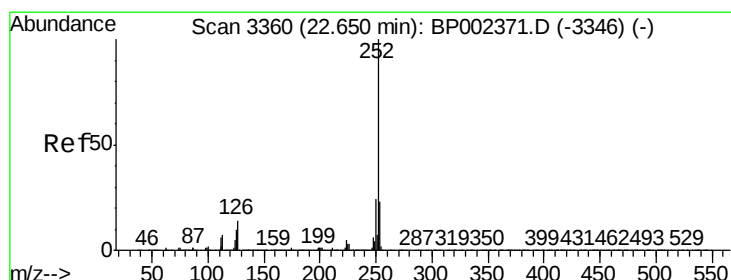
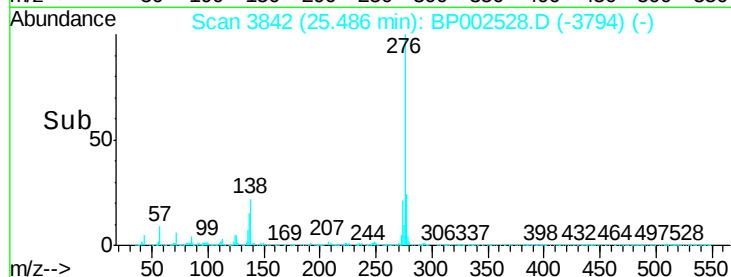
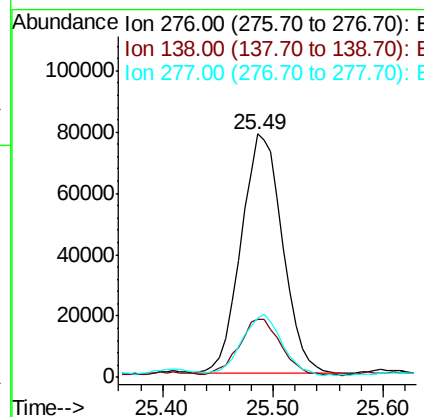
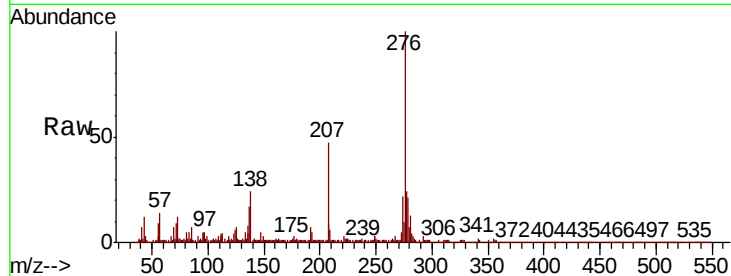
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.607 ng
 RT: 25.49 min Scan# 3842
 Delta R.T. -0.02 min
 Lab File: BP002528.D
 Acq: 24 Jun 2020 18:09

Instrument :
 BNA_P
 ClientSampleID :
 RB44767-RT

Tot Ion:	276	Resp:	205455
Ion Ratio		Lower	Upper
276	100		
138	23.8	19.4	29.0
277	25.0	20.4	30.6

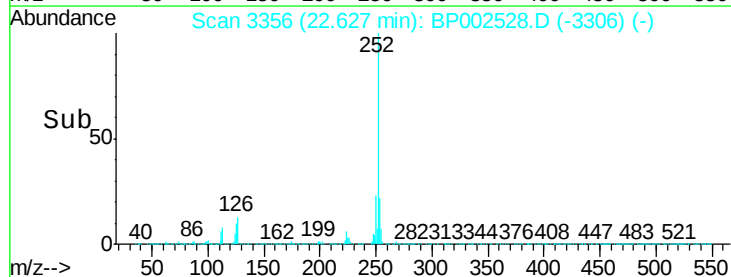
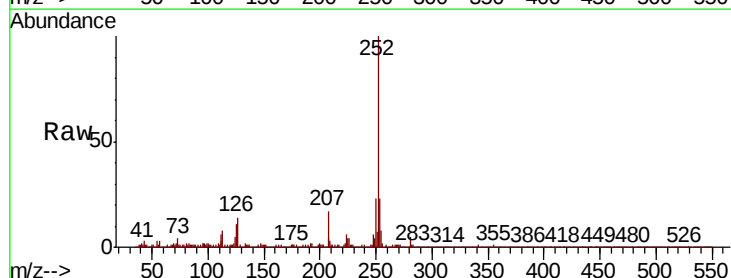
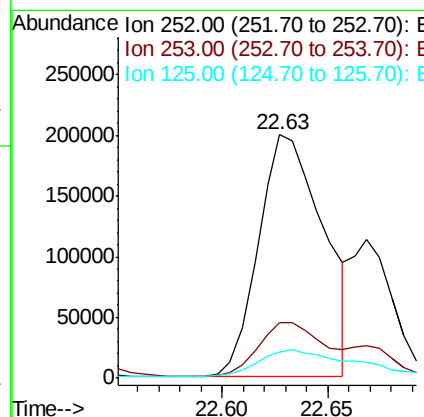
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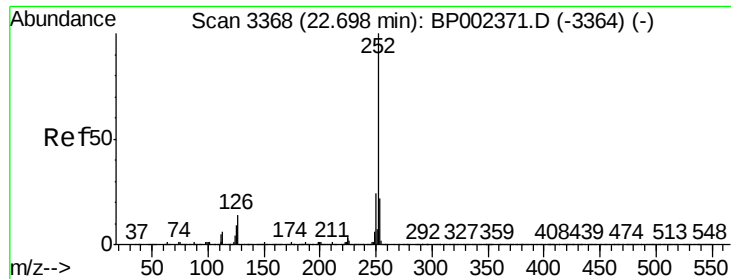
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#88
 Benzo(b)fluoranthene
 Concen: 8.694 ng
 RT: 22.63 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BP002528.D
 Acq: 24 Jun 2020 18:09

Tgt Ion:	252	Resp:	426924
Ion Ratio		Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.9	7.5	11.3





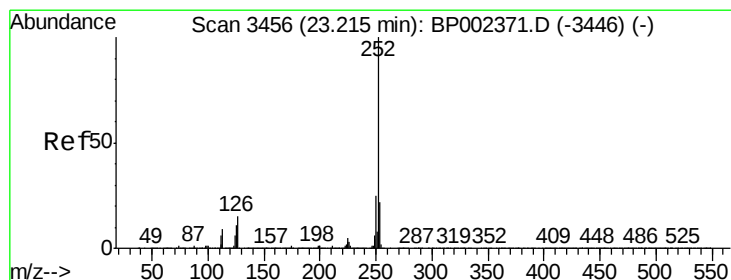
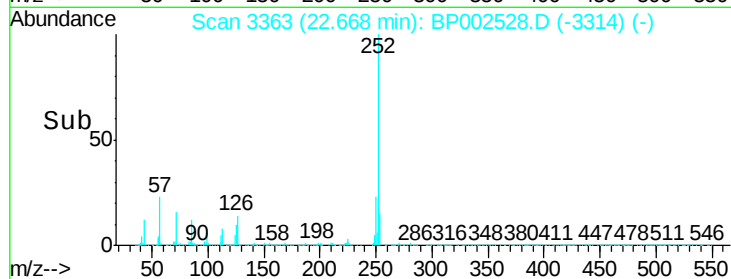
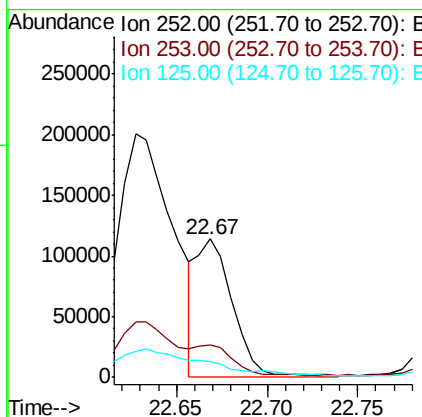
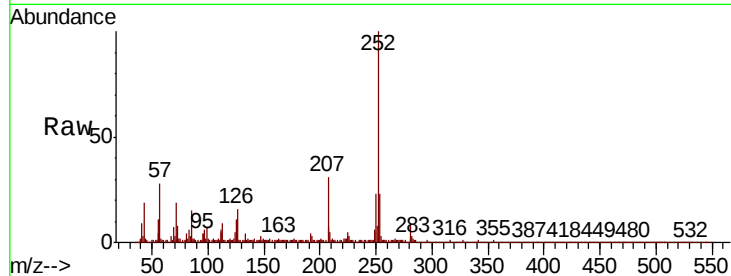
#89
Benzo(k)fluoranthene
Concen: 3.412 ng m
RT: 22.67 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Instrument :
BNA_P
ClientSampled :
RB44767-RT

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.3	7.0	10.4

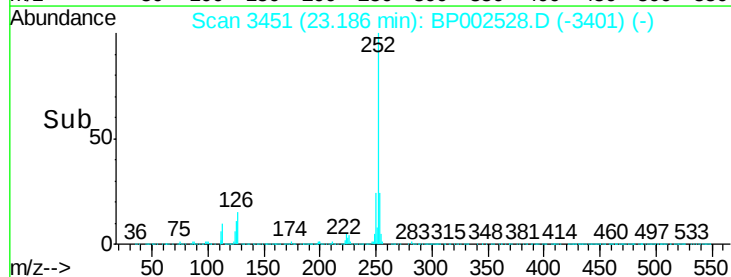
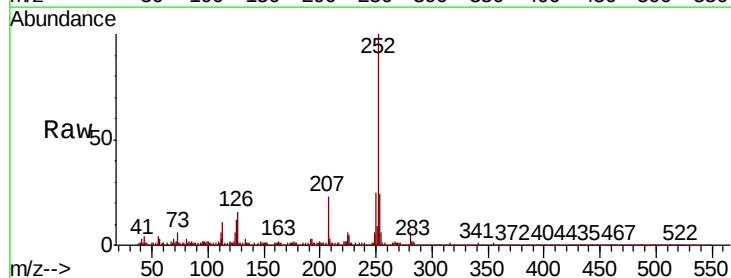
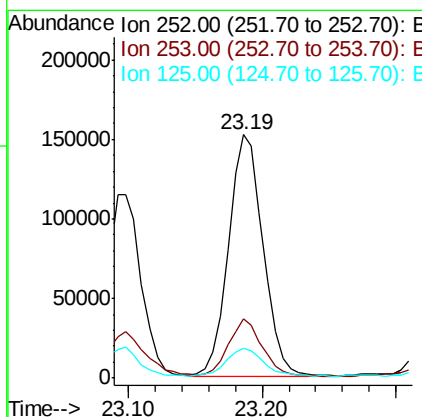
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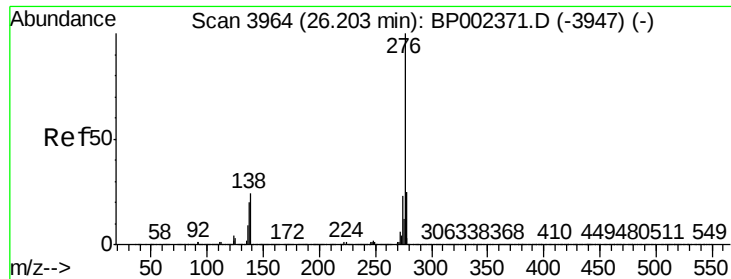
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#90
Benzo(a)pyrene
Concen: 5.972 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002528.D
Acq: 24 Jun 2020 18:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	12.4	8.7	13.1





#92
 Benzo(a,h,i)perylene
 Concen: 4.137 ng
 RT: 26.16 min Scan# 3956
 Delta R.T. -0.02 min
 Lab File: BP002528.D
 Acq: 24 Jun 2020 18:09

Instrument :
 BNA_P
 ClientSampleId :
 RB44767-RT

Tot Ion:	276	Resp:	195745
Ion Ratio		Lower	Upper
276	100		
277	23.4	18.7	28.1
138	23.4	17.6	26.4

Manual Integrations
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