

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003272.D
 Acq On : 14 Sep 2020 17:14
 Operator : CG/JU
 Sample : L3981-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B18-4-6

Manual Integrations
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Quant Time: Sep 14 18:36:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	165981	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	616322	20.00	ng	-0.02
39) Acenaphthene-d10	14.28	164	333094	20.00	ng	-0.01
64) Phenanthrene-d10	17.03	188	629778	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	664768	20.00	ng	-0.01
86) Perylene-d12	23.36	264	811368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	619724	66.01	ng	0.00
7) Phenol-d6	6.83	99	742835	63.12	ng	0.00
23) Nitrobenzene-d5	8.79	82	452746	52.96	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	323437	71.79	ng	-0.01
45) 2-Fluorobiphenyl	12.90	172	1157143	50.87	ng	-0.02
79) Terphenyl-d14	19.61	244	1340658	44.38	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.75	163	142076	5.593	ng	100
71) Phenanthrene	17.08	178	130528	3.825	ng	99
75) Fluoranthene	19.06	202	415248	10.528	ng	100
78) Pyrene	19.41	202	397055	9.203	ng	100
81) Benzo(a)anthracene	21.12	228	264229	6.346	ng	98
83) Chrysene	21.17	228	289155	7.253	ng	97
87) Indeno(1,2,3-cd)pyrene	25.63	276	265410	4.386	ng	95
88) Benzo(b)fluoranthene	22.69	252	466898	9.258	ng	97
89) Benzo(k)fluoranthene	22.73	252	166992m	3.466	ng	
90) Benzo(a)pyrene	23.26	252	300454	6.422	ng	96
92) Benzo(g,h,i)perylene	26.32	276	255117	5.114	ng	99

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

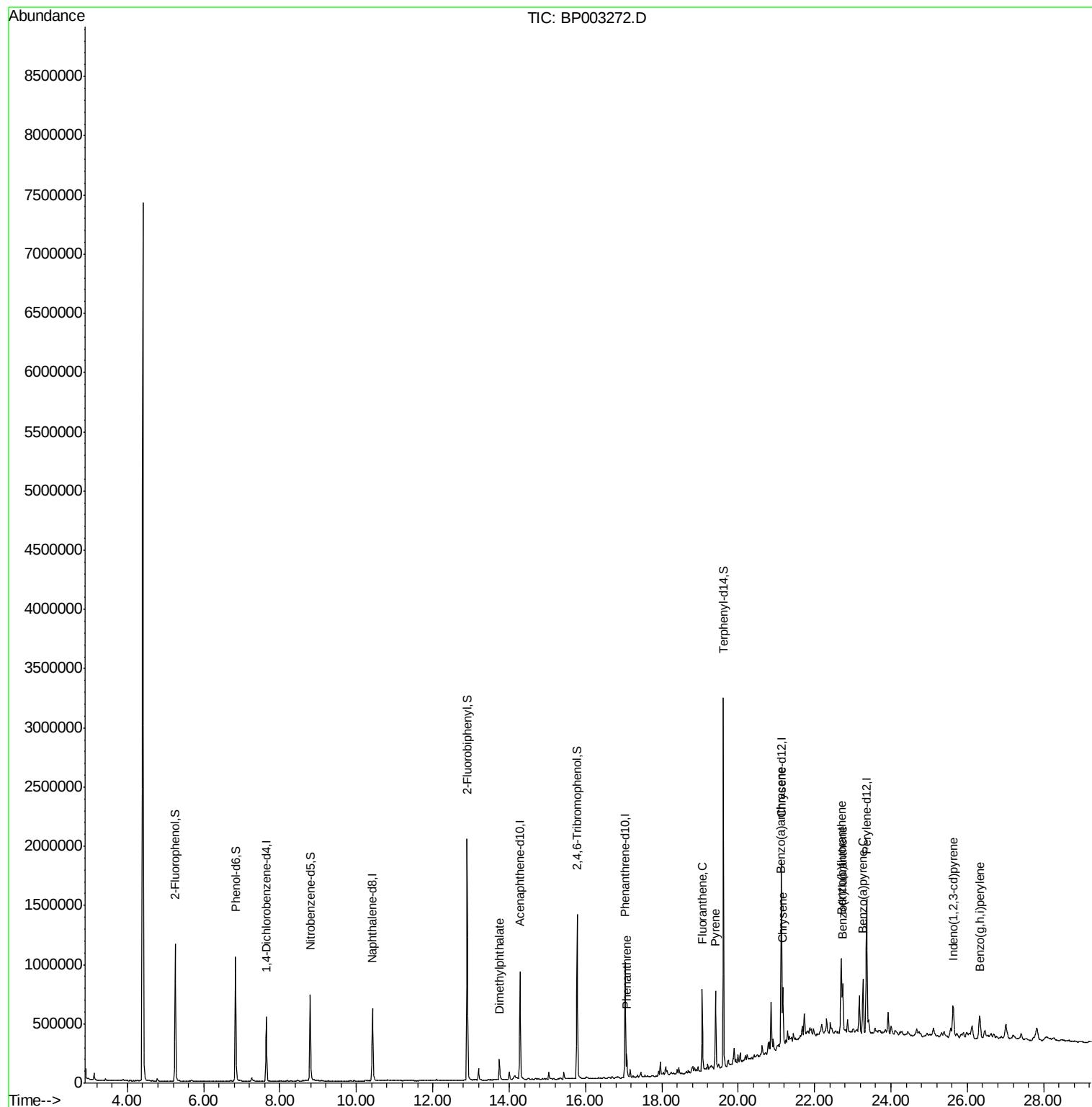
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Data File : BP003272.D
Acq On : 14 Sep 2020 17:14
Operator : CG/JU
Sample : L3981-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

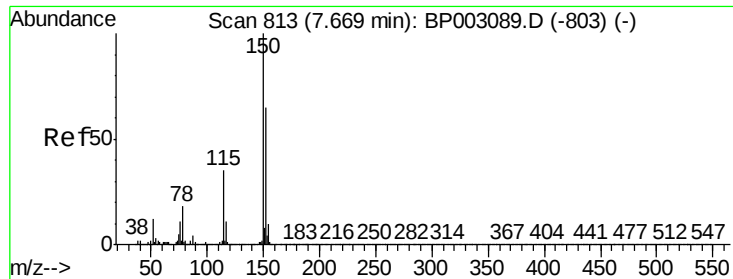
Instrument :
BNA_P
ClientSampleId :
B18-4-6

Quant Time: Sep 14 18:36:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
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QLast Update : Tue Sep 01 14:37:05 2020
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#1

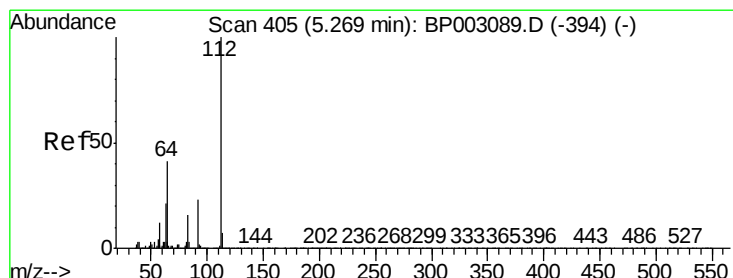
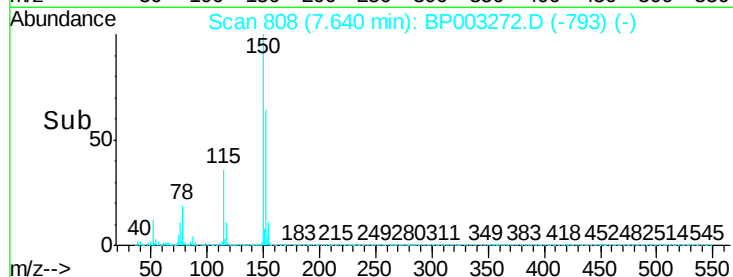
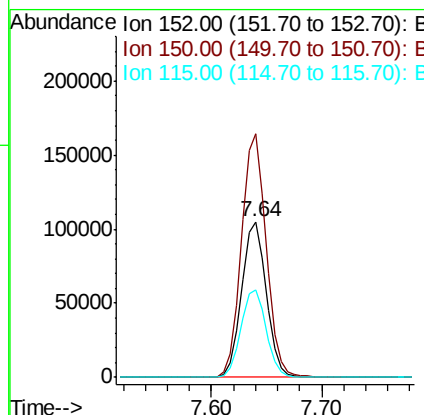
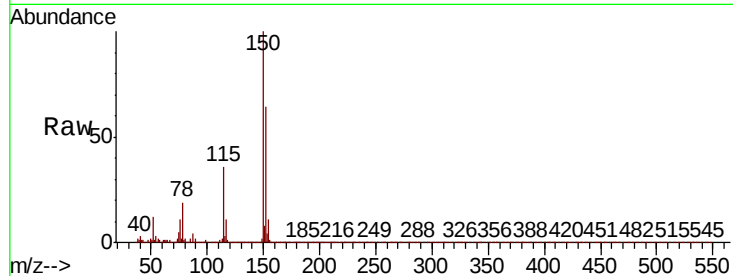
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Instrument :
BNA_P
ClientSampleId :
B18-4-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	56.1	43.8	65.6

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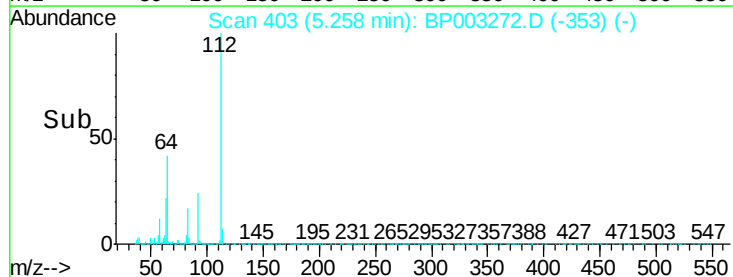
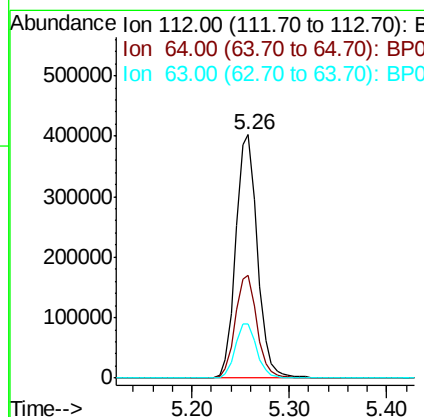
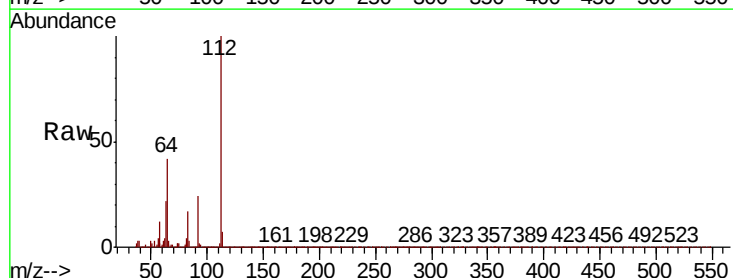
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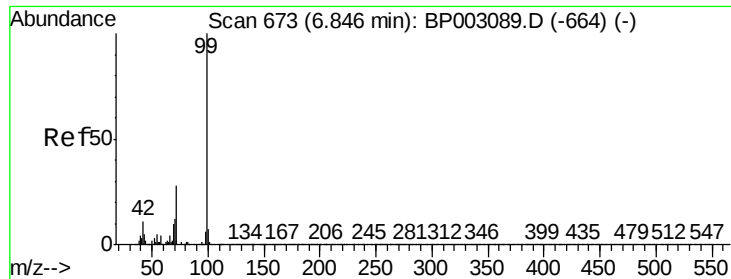


#5

2-Fluorophenol
Concen: 66.013 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.2	32.8	49.2
63	22.1	17.0	25.4





#7

Phenol-d6

Concen: 63.121 ng

RT: 6.83 min Scan# 671

Delta R.T. 0.00 min

Lab File: BP003272.D

Acq: 14 Sep 2020 17:14

Instrument :

BNA_P

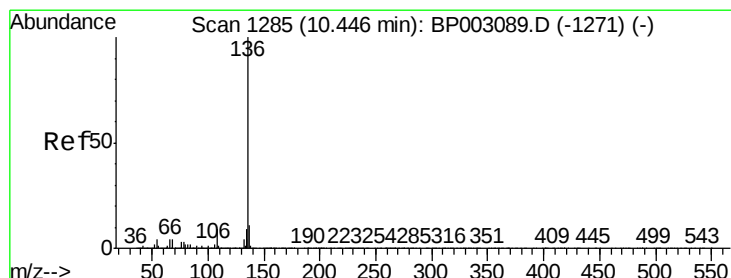
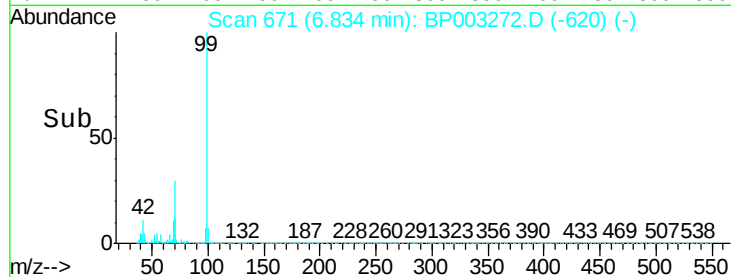
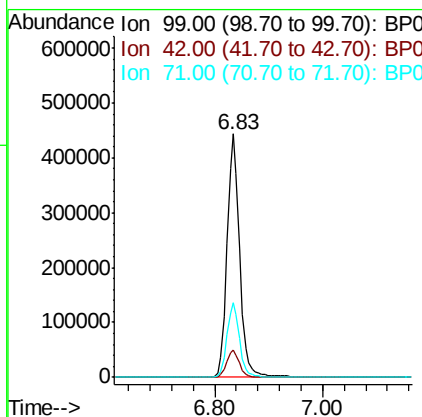
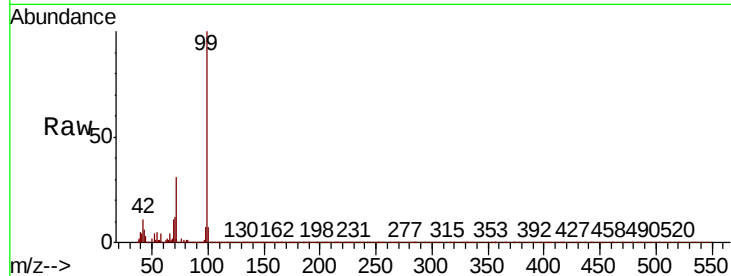
ClientSampleId :

B18-4-6

Tot Ion:	99	Resp:	742835
Ion Ratio	Lower	Upper	
99	100		
42	11.5	8.6	13.0
71	30.5	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

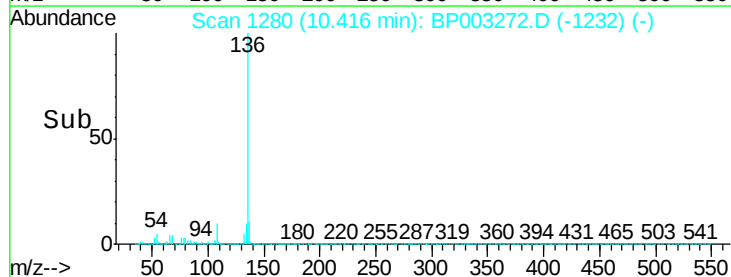
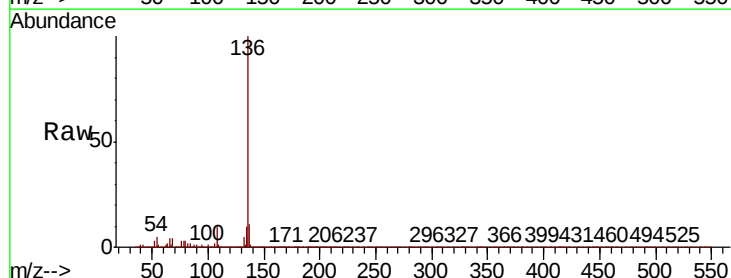
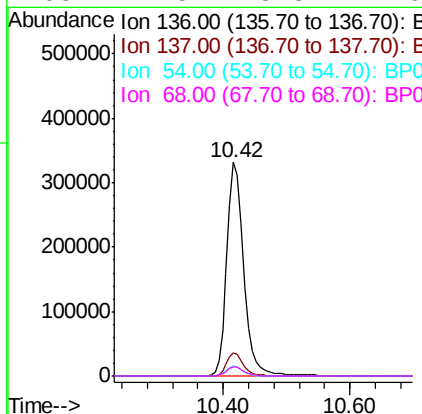
RT: 10.42 min Scan# 1280

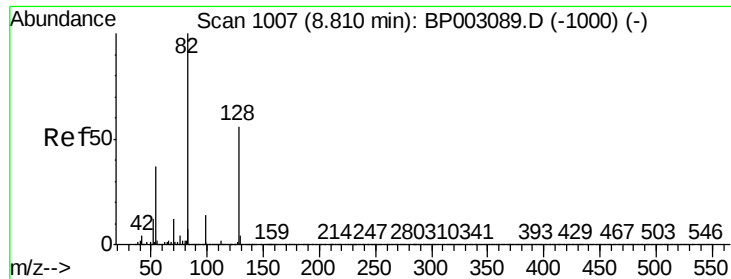
Delta R.T. -0.02 min

Lab File: BP003272.D

Acq: 14 Sep 2020 17:14

Tgt Ion:	136	Resp:	616322
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	4.7	3.6	5.4
68	4.5	3.3	4.9





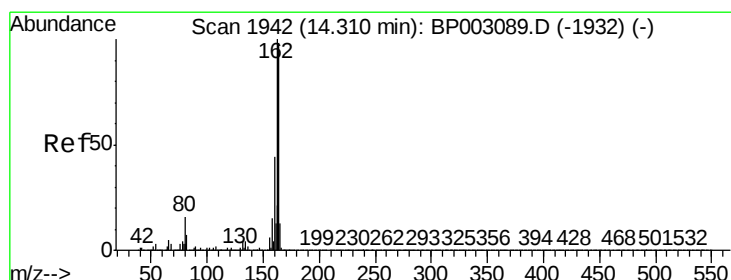
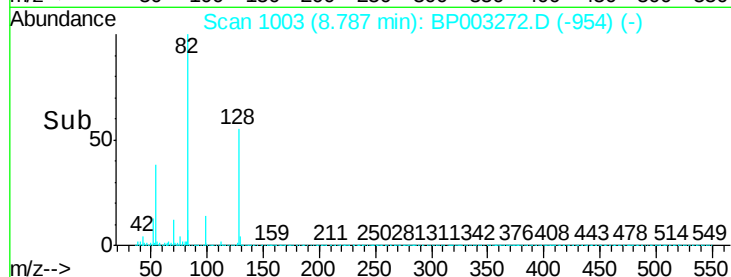
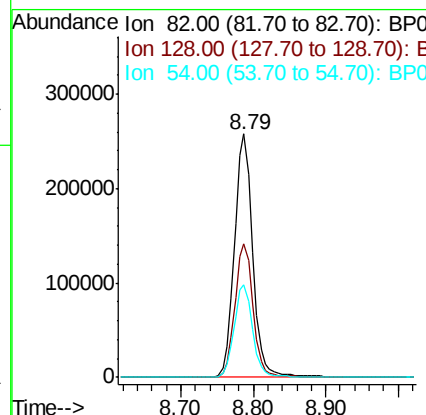
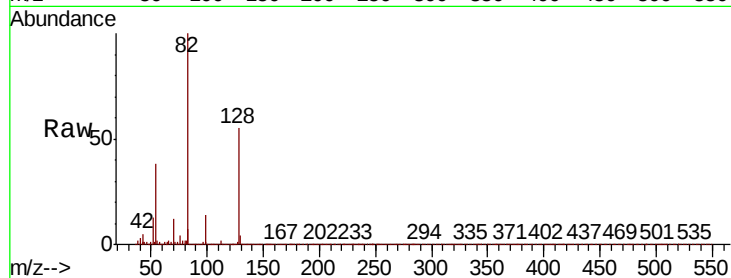
#23
 Nitrobenzene-d5
 Concen: 52.957 ng
 RT: 8.79 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BP003272.D
 Acq: 14 Sep 2020 17:14

Instrument :
 BNA_P
 ClientSampleId :
 B18-4-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	54.8	45.6	68.4
54	37.8	30.1	45.1

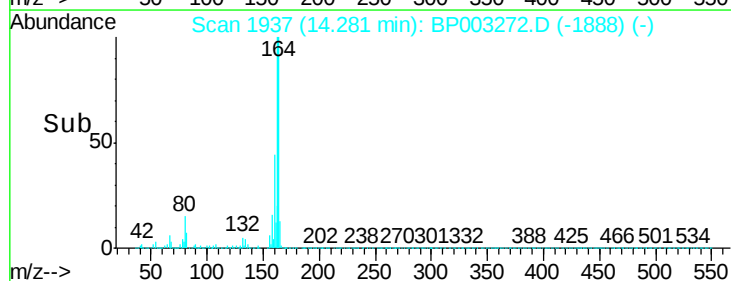
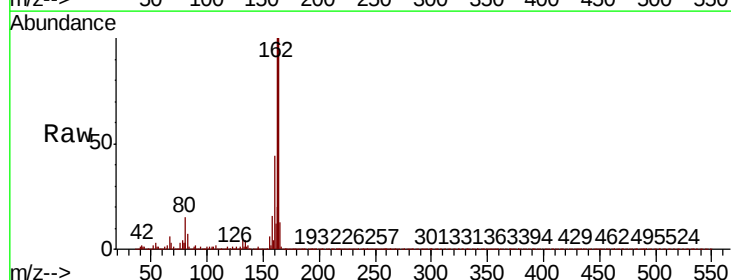
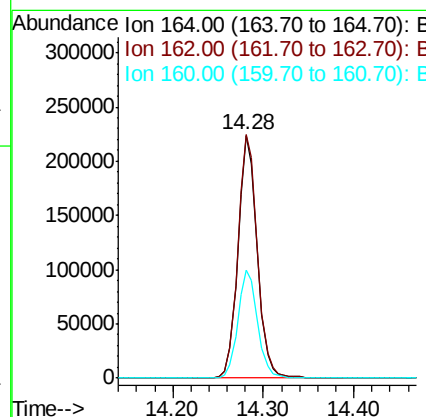
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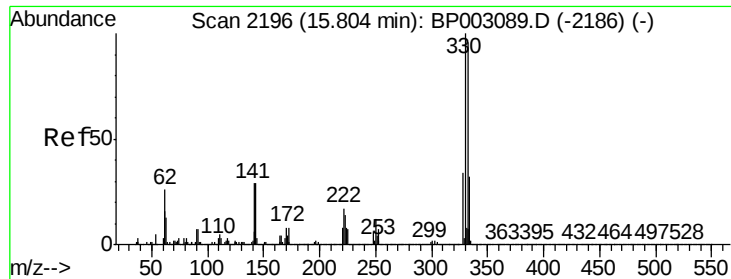
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.28 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: BP003272.D
 Acq: 14 Sep 2020 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.4	119.2
160	44.4	36.1	54.1





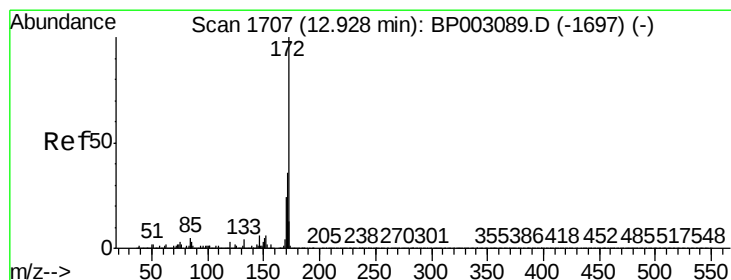
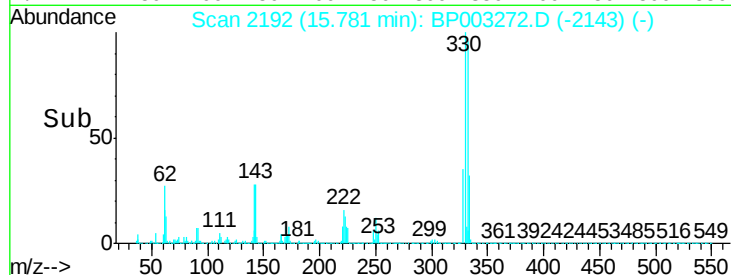
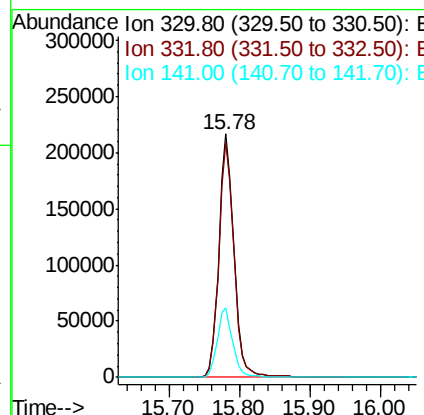
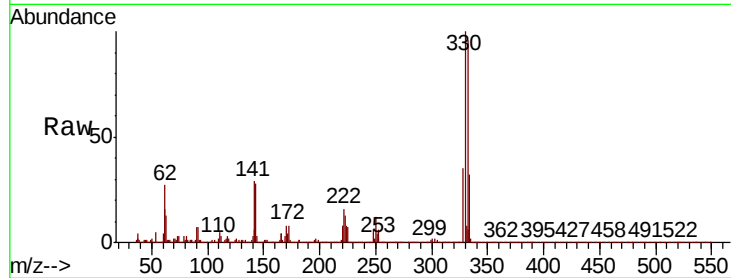
#42
2,4,6-Tribromophenol
Concen: 71.795 ng
RT: 15.78 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Instrument :
BNA_P
ClientSampled :
B18-4-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	323437		
332	96.8	77.1	115.7	
141	29.0	23.4	35.2	

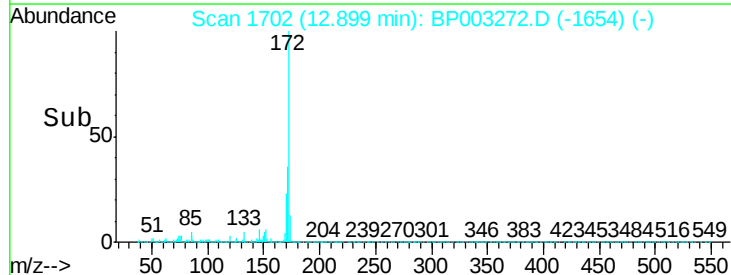
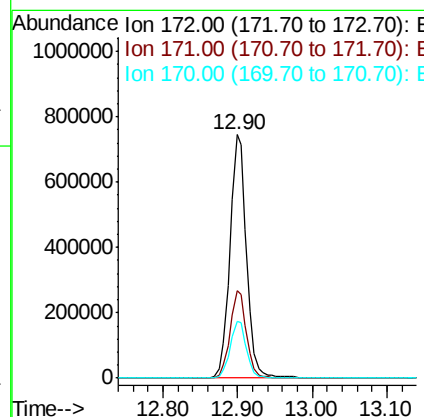
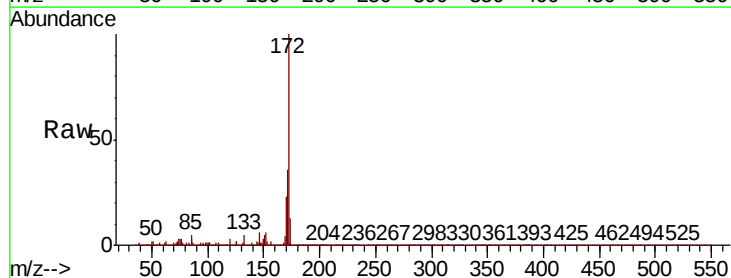
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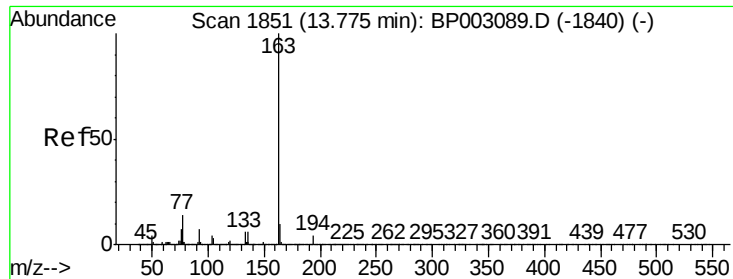
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#45
2-Fluorobiphenyl
Concen: 50.874 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1157143		
171	35.8	28.5	42.7	
170	23.5	19.2	28.8	





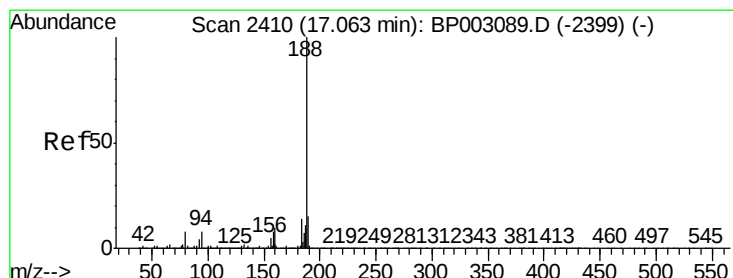
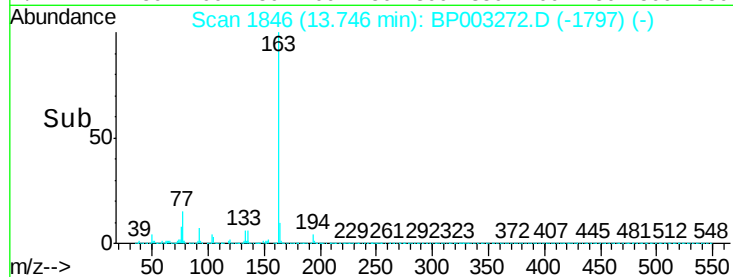
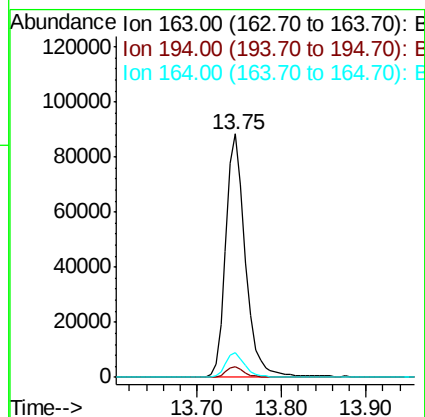
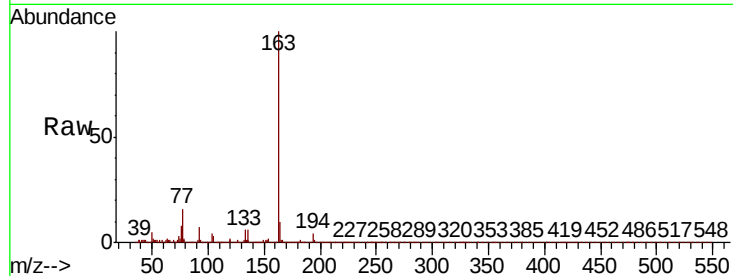
#50
Dimethylphthalate
Concen: 5.593 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Instrument :
BNA_P
ClientSampleId :
B18-4-6

Tot Ion:	163	Resp:	142076
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	10.2	8.2	12.2

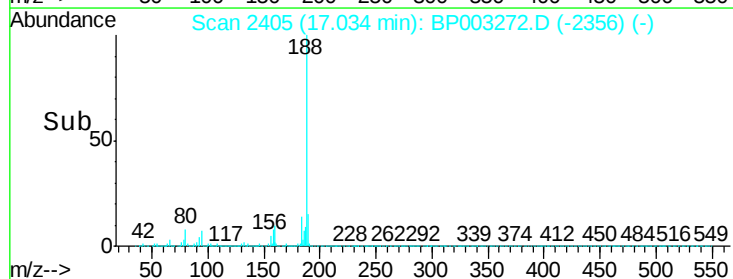
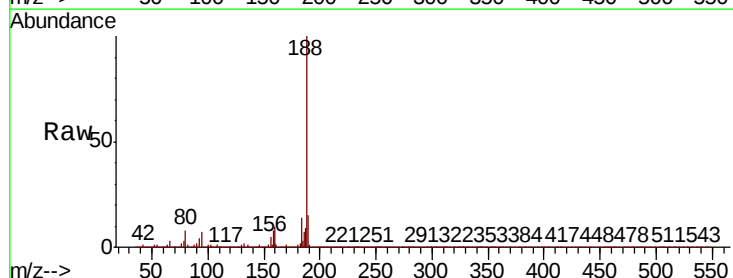
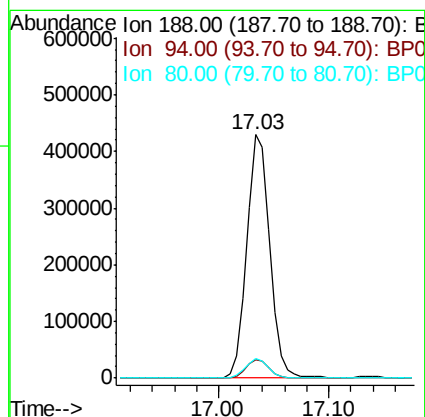
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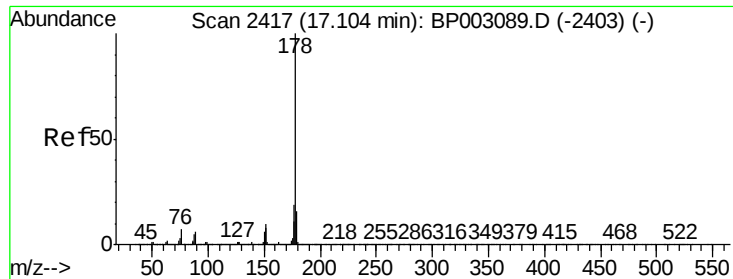
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Tgt Ion:	188	Resp:	629778
Ion Ratio	Lower	Upper	
188	100		
94	7.5	6.2	9.2
80	7.9	6.2	9.2





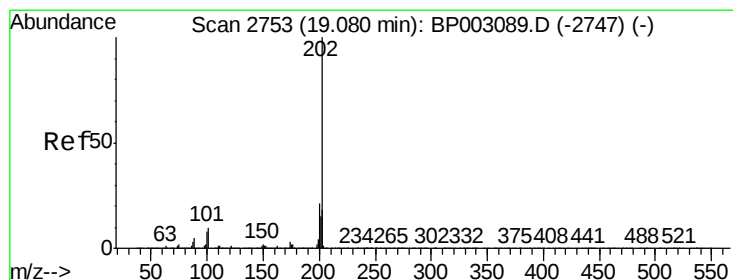
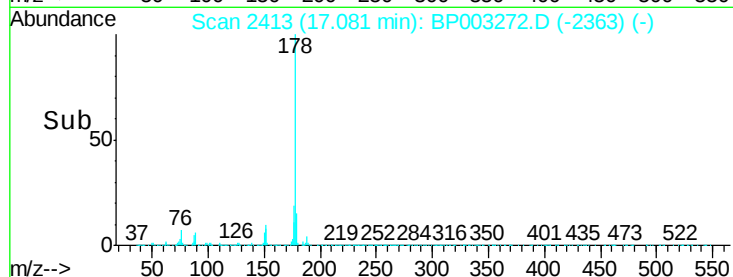
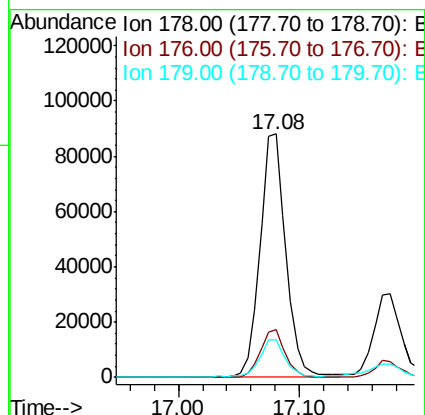
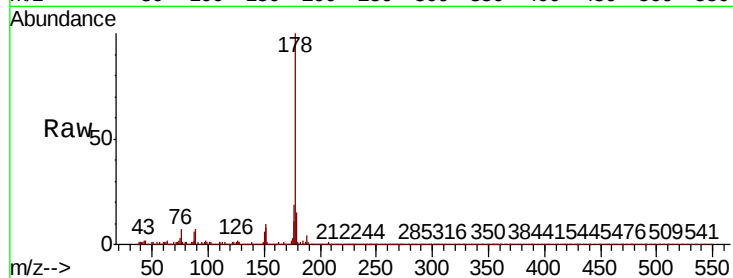
#71
Phenanthrene
Concen: 3.825 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Instrument :
BNA_P
ClientSampleId :
B18-4-6

Tot Ion:	178	Resp:	130528
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.3	22.9
179	15.3	12.5	18.7

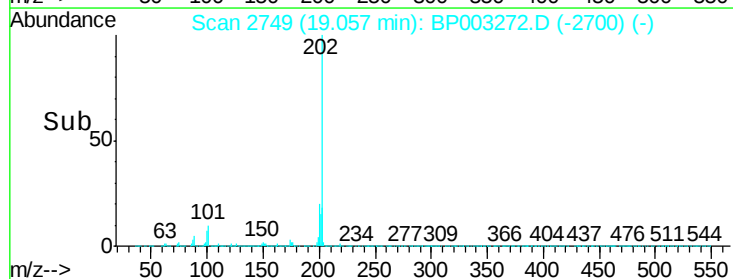
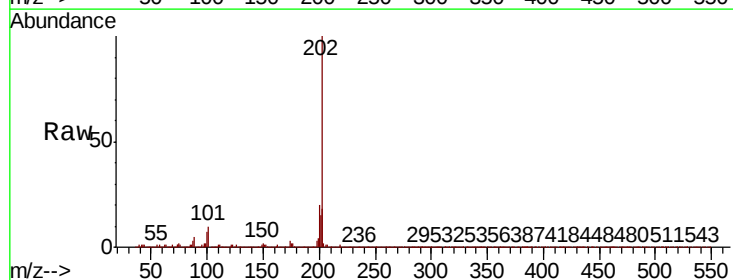
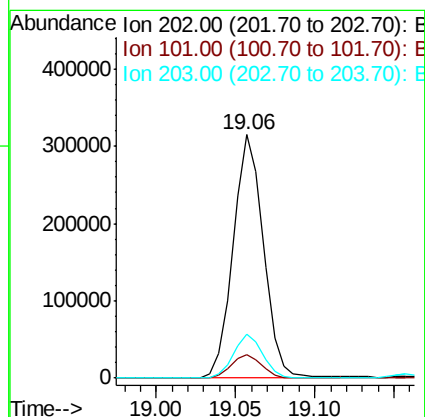
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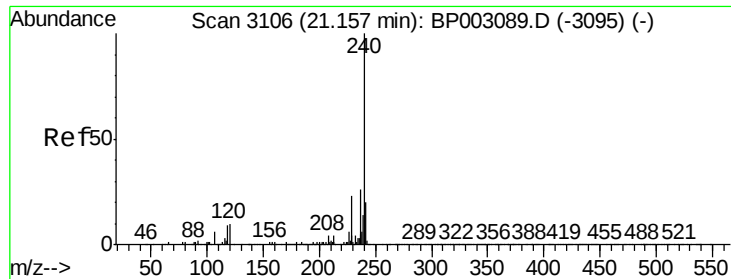
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#75
Fluoranthene
Concen: 10.528 ng
RT: 19.06 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Tgt Ion:	202	Resp:	415248
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.4
203	17.9	0.0	37.8





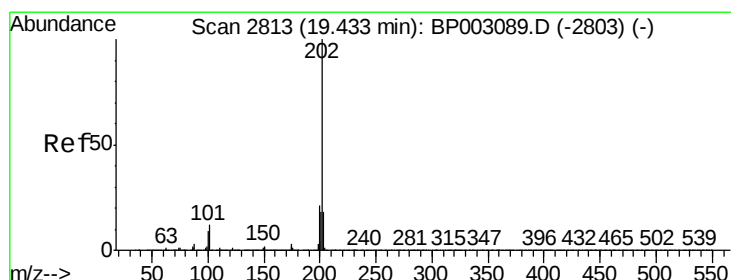
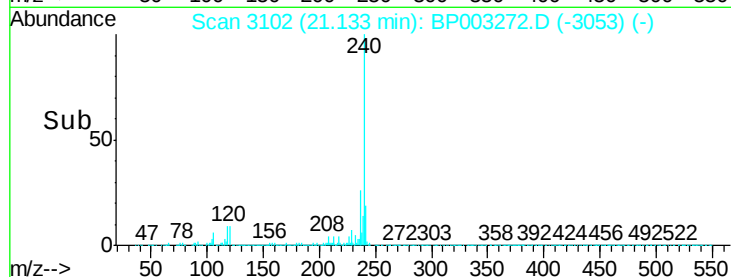
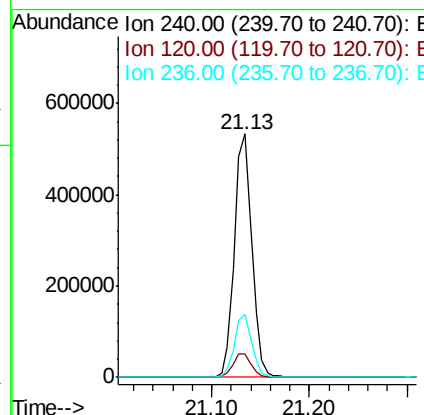
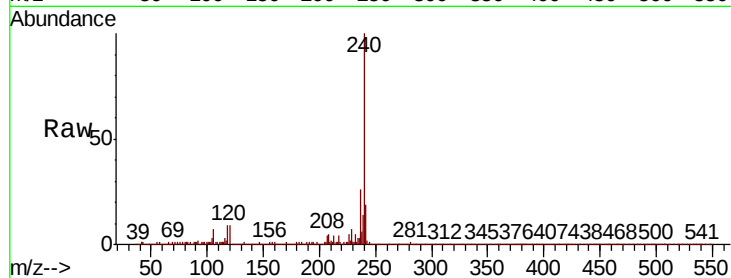
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Instrument :
BNA_P
ClientSampleId :
B18-4-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.8	11.6
236	25.9	20.8	31.2

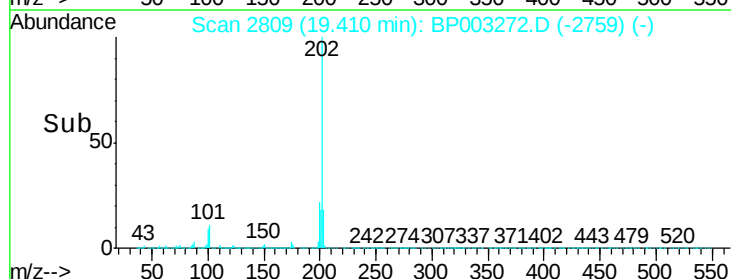
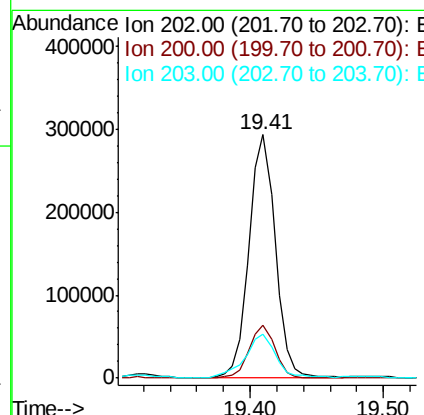
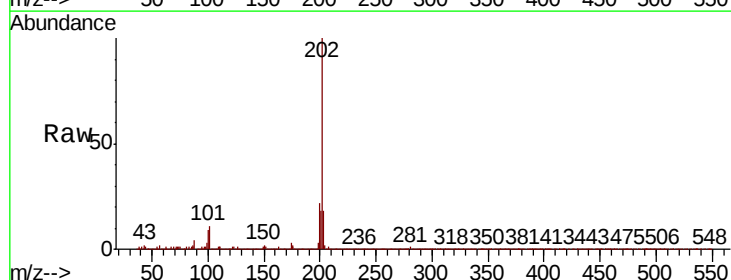
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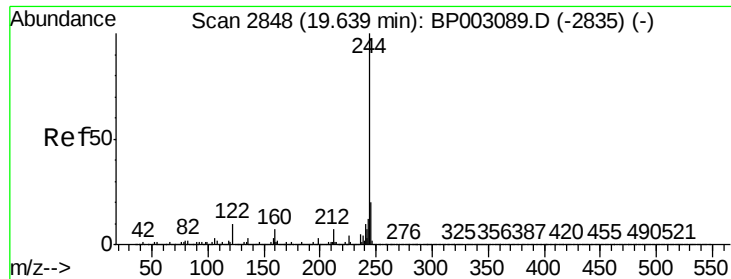
mohammad
9/15/2020 1:20:43 PM



#78
Pyrene
Concen: 9.203 ng
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.1	25.7
203	17.9	14.2	21.2





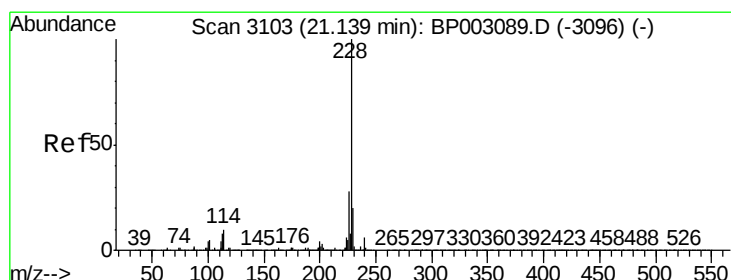
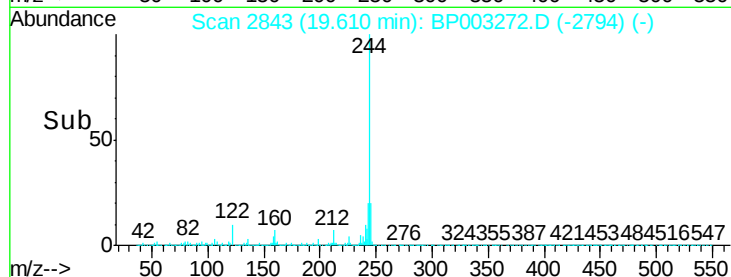
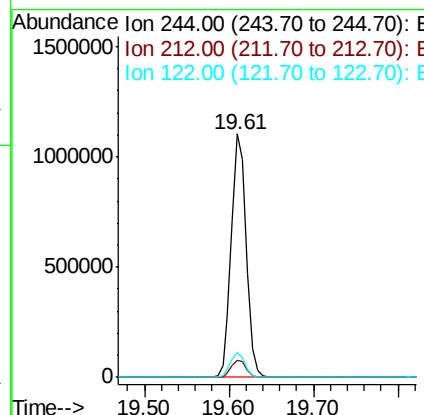
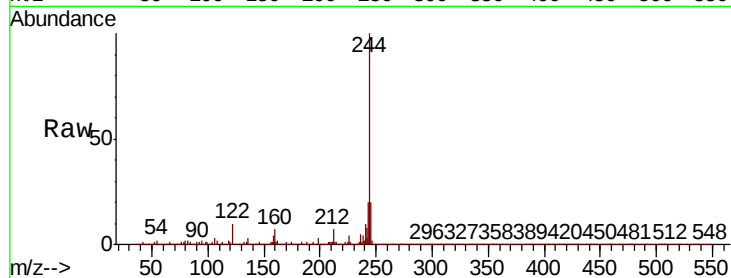
#79
 Terphenyl-d14
 Concen: 44.377 ng
 RT: 19.61 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BP003272.D
 Acq: 14 Sep 2020 17:14

Instrument :
 BNA_P
 ClientSampled :
 B18-4-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.4	7.8	11.8

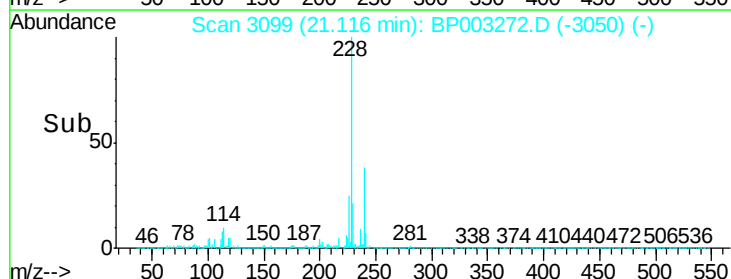
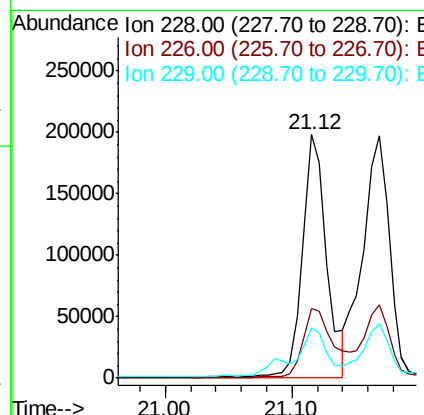
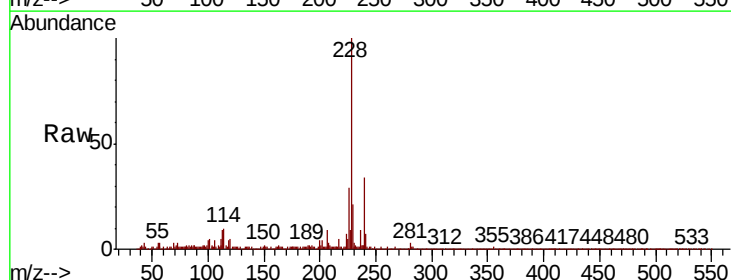
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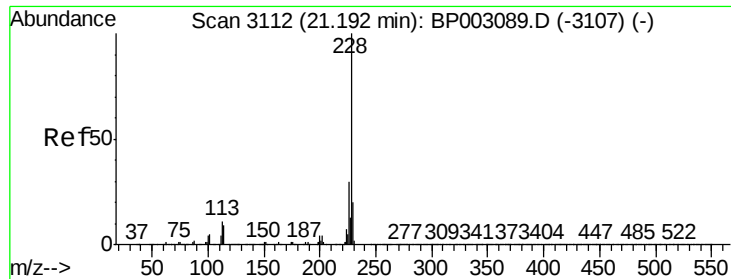
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#81
 Benzo(a)anthracene
 Concen: 6.346 ng
 RT: 21.12 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BP003272.D
 Acq: 14 Sep 2020 17:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	20.8	15.9	23.9





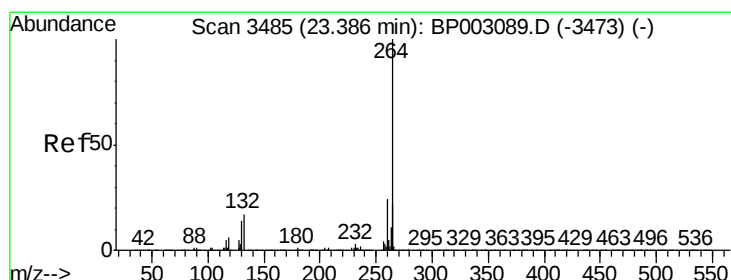
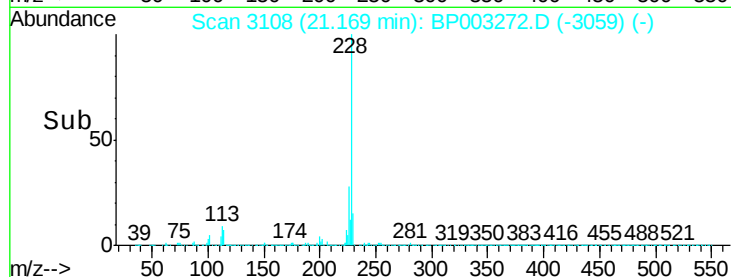
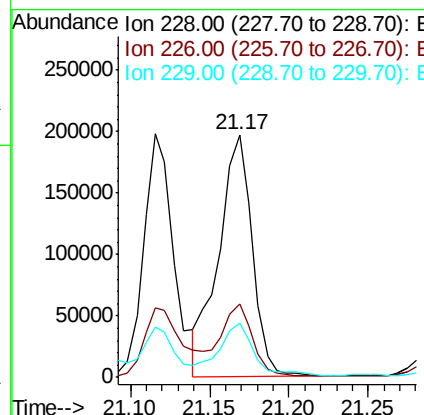
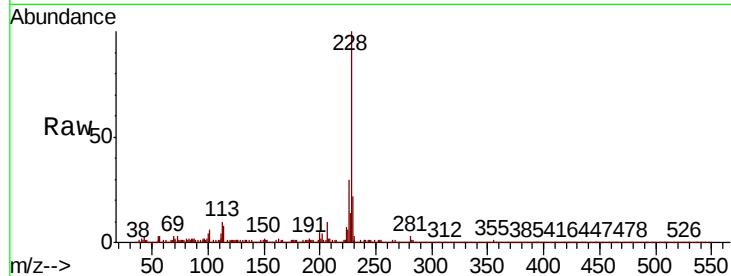
#83
Chrysene
Concen: 7.253 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Instrument :
BNA_P
ClientSampled :
B18-4-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.0		24.4	36.6	
229	22.3		15.8	23.6	

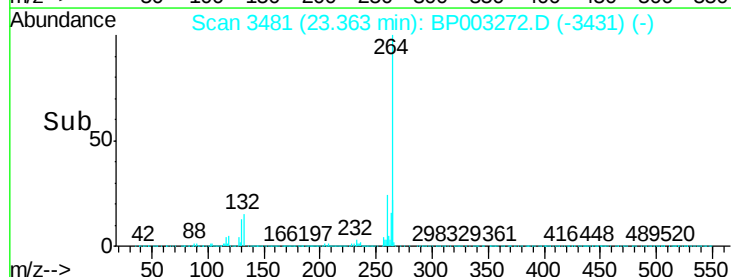
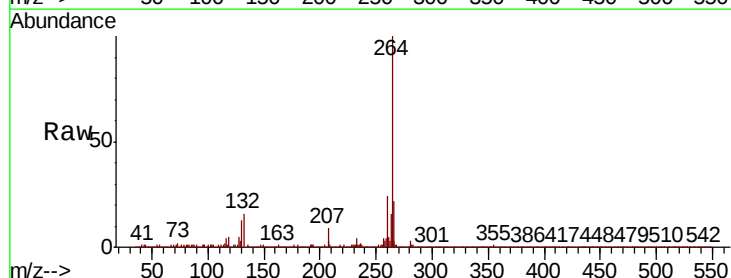
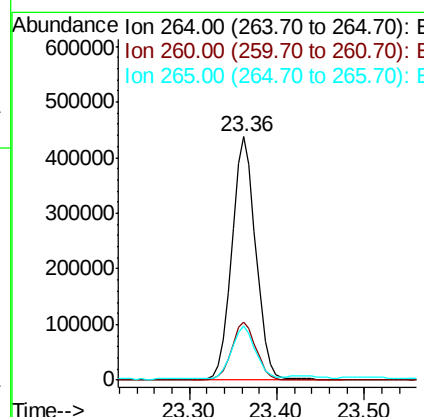
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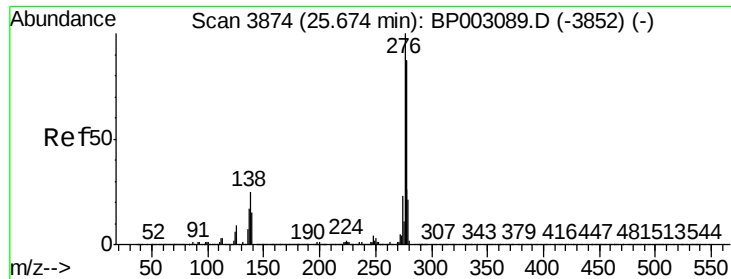
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3481
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.9		18.8	28.2	
265	22.1		17.4	26.2	





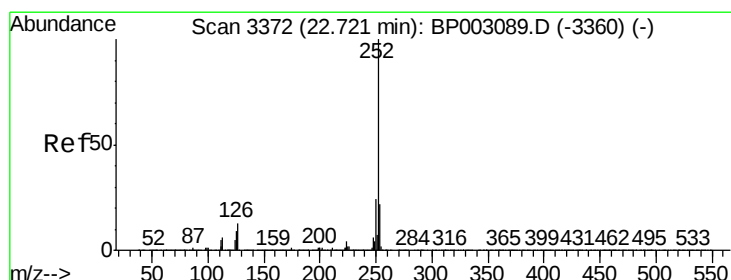
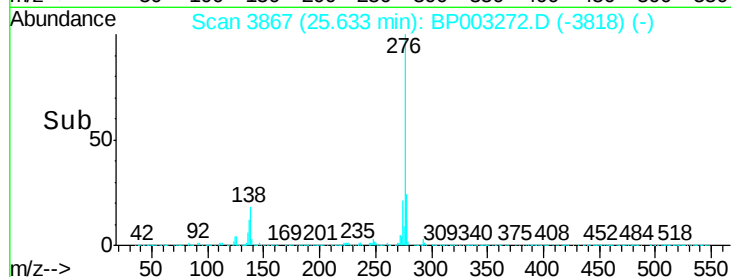
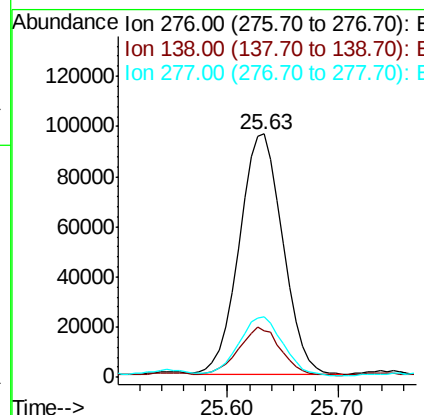
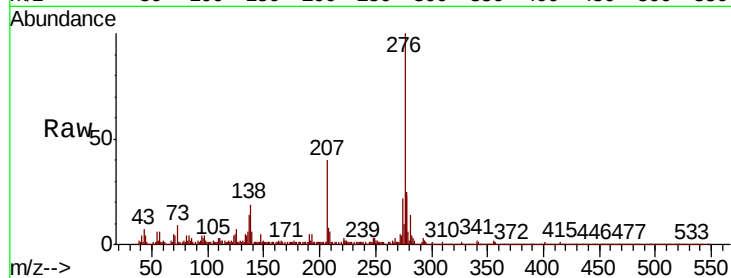
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.386 ng
 RT: 25.63 min Scan# 3867
 Delta R.T. -0.01 min
 Lab File: BP003272.D
 Acq: 14 Sep 2020 17:14

Instrument :
 BNA_P
 ClientSampleId :
 B18-4-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.7	28.1
277	24.9	20.4	30.6

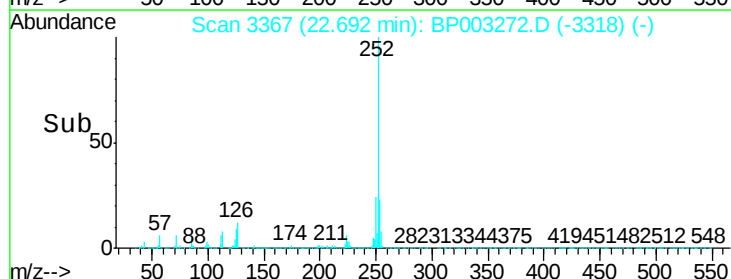
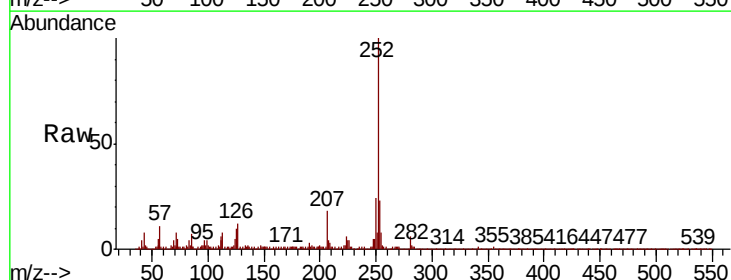
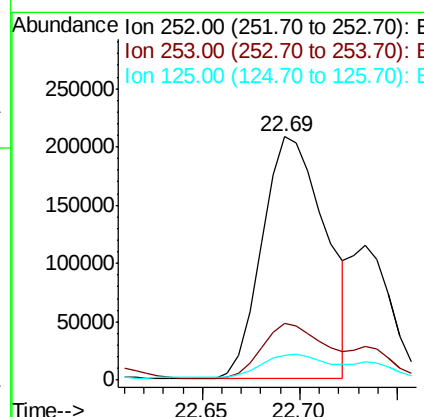
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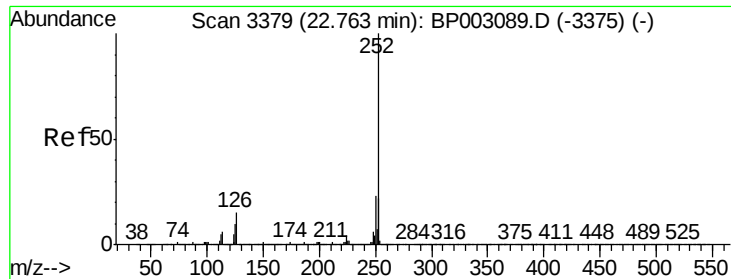
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#88
 Benzo(b)fluoranthene
 Concen: 9.258 ng
 RT: 22.69 min Scan# 3367
 Delta R.T. -0.01 min
 Lab File: BP003272.D
 Acq: 14 Sep 2020 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	10.1	7.3	10.9





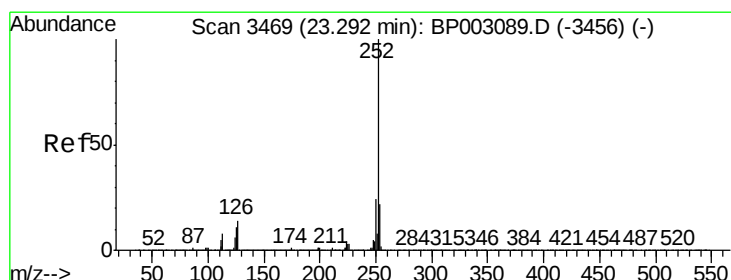
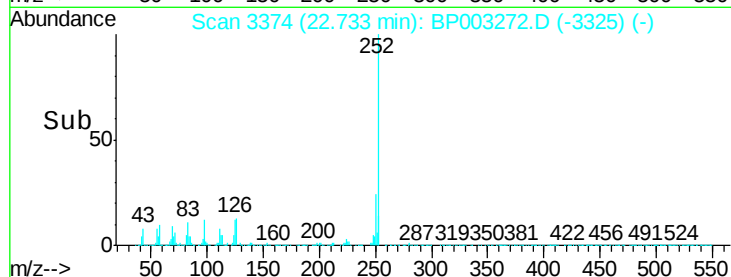
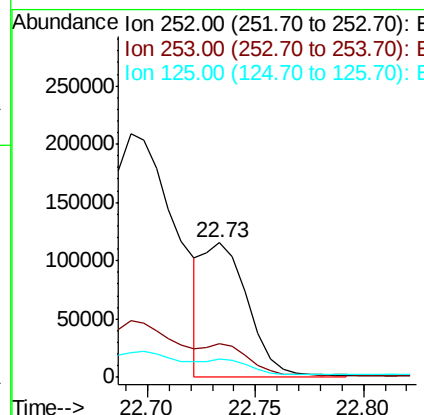
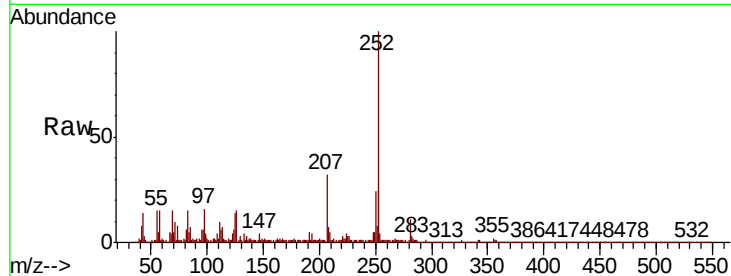
#89
Benzo(k)fluoranthene
Concen: 3.466 ng m
RT: 22.73 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Instrument :
BNA_P
ClientSampled :
B18-4-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	13.9	7.4	11.2

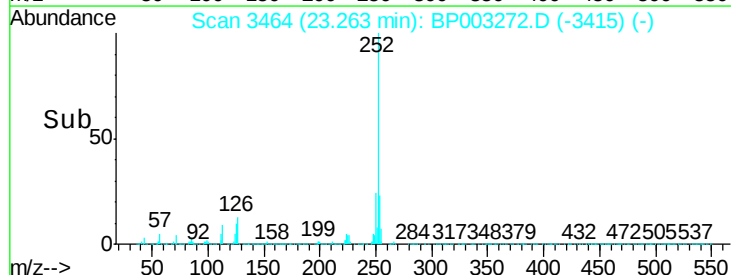
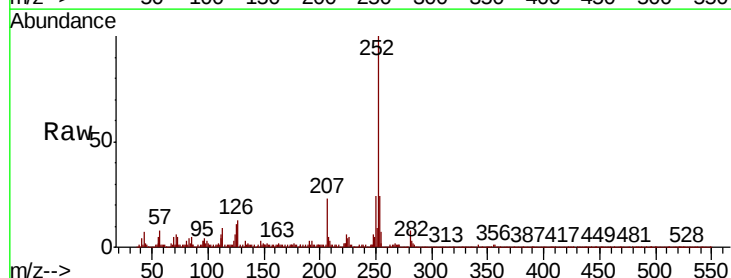
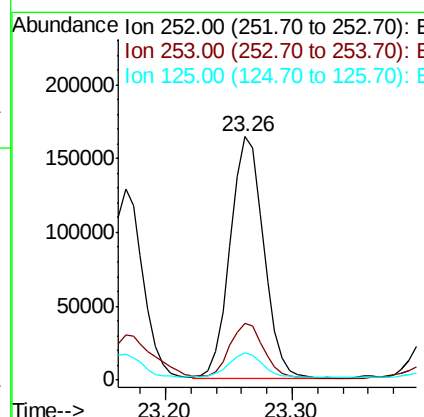
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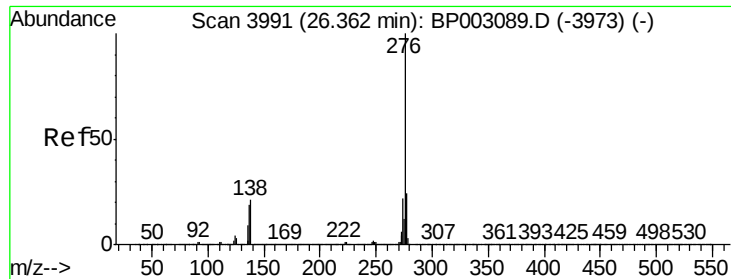
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#90
Benzo(a)pyrene
Concen: 6.422 ng
RT: 23.26 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BP003272.D
Acq: 14 Sep 2020 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	11.4	8.2	12.4





#92
 Benzo(a,h,i)perylene
 Concen: 5.114 ng
 RT: 26.32 min Scan# 3984
 Delta R.T. -0.01 min
 Lab File: BP003272.D
 Acq: 14 Sep 2020 17:14

Instrument :
 BNA_P
 ClientSampleId :
 B18-4-6

Tot Ion:	276	Resp:	255117
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.6
138	20.0	16.6	24.8

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