

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002869.D
 Acq On : 24 Jul 2020 23:56
 Operator : CG/JU
 Sample : L3383-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-013

Manual Integrations
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 7/27/2020 12:22:23 PM

Quant Time: Jul 25 01:06:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 15:50:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	37308	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	163211	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	114075	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	285804	20.00	ng	0.00
76) Chrysene-d12	21.05	240	405386	20.00	ng	0.00
86) Perylene-d12	23.23	264	491638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	250345	113.21	ng	0.00
7) Phenol-d6	6.74	99	357468	113.27	ng	0.00
23) Nitrobenzene-d5	8.68	82	205881	67.47	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	142606	119.76	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	491722	66.68	ng	0.00
79) Terphenyl-d14	19.53	244	1007553	56.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.65	163	96813	11.128	ng	99
70) Pentachlorophenol	16.63	266	4809	10.191	ng	95
71) Phenanthrene	16.99	178	60497	3.909	ng	99
75) Fluoranthene	18.97	202	276496	15.420	ng	99
78) Pyrene	19.33	202	321847	11.499	ng	99
81) Benzo(a)anthracene	21.04	228	158115	6.025	ng	95
83) Chrysene	21.09	228	165588	6.629	ng	94
87) Indeno(1,2,3-cd)pyrene	25.42	276	79996	2.251	ng	97
88) Benzo(b)fluoranthene	22.59	252	243041	7.961	ng	98
89) Benzo(k)fluoranthene	22.62	252	80109m	2.664	ng	
90) Benzo(a)pyrene	23.14	252	128822	4.453	ng	# 94
92) Benzo(a,h,i)perylene	26.09	276	73975	2.546	ng	98

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

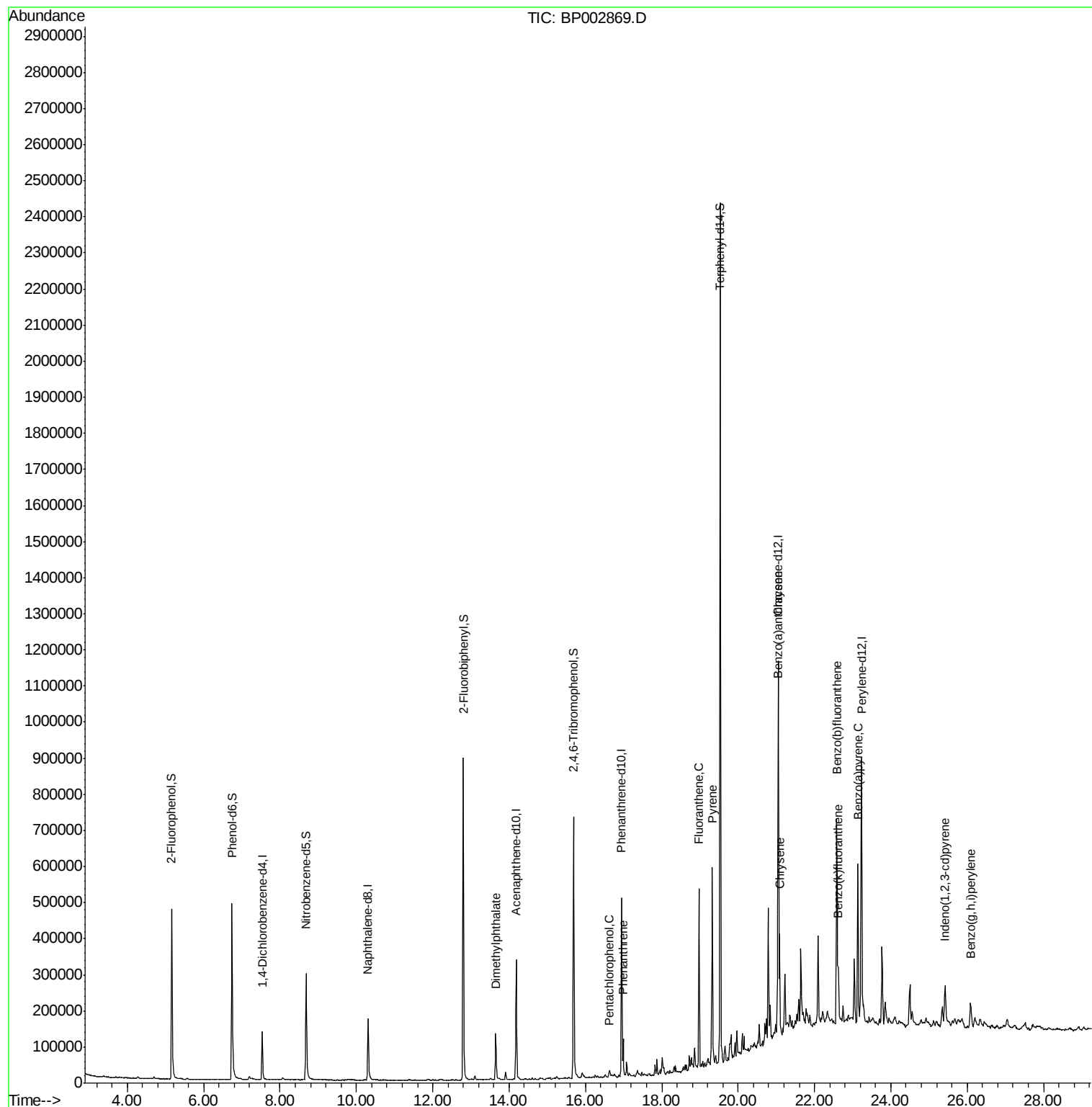
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
Data File : BP002869.D
Acq On : 24 Jul 2020 23:56
Operator : CG/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

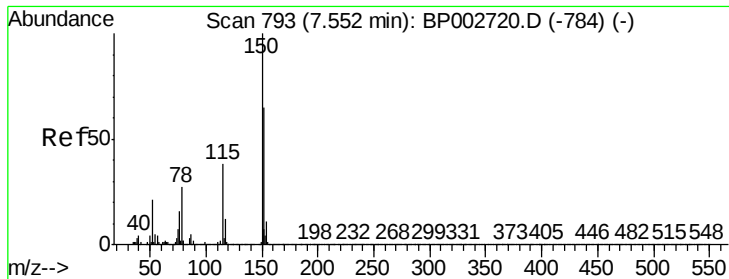
Instrument :
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Quant Time: Jul 25 01:06:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

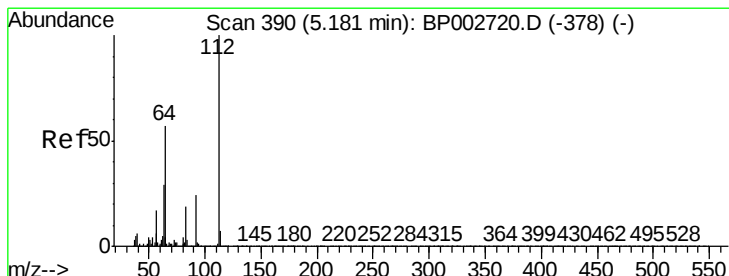
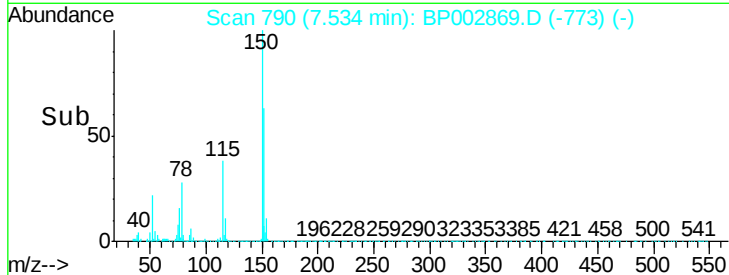
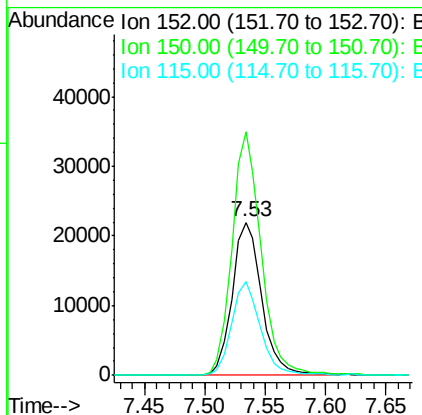
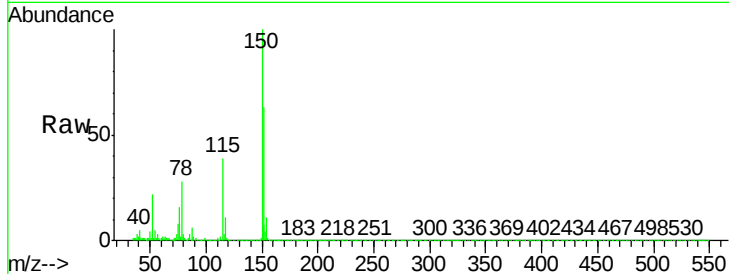
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Instrument :
BNA_P
ClientSampleId :
CRT-013

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	122.5	183.7
115	61.4	48.5	72.7

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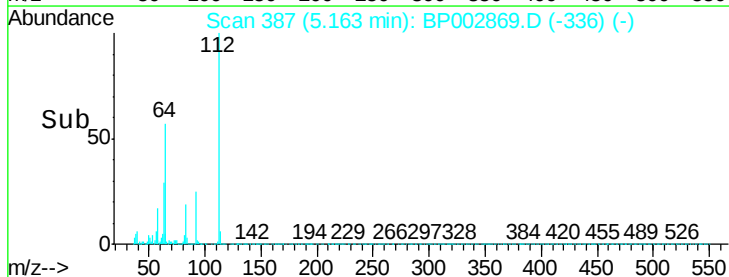
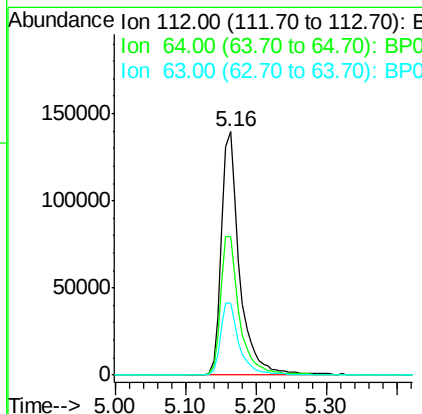
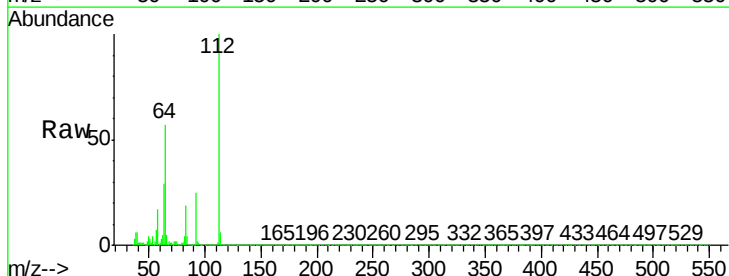
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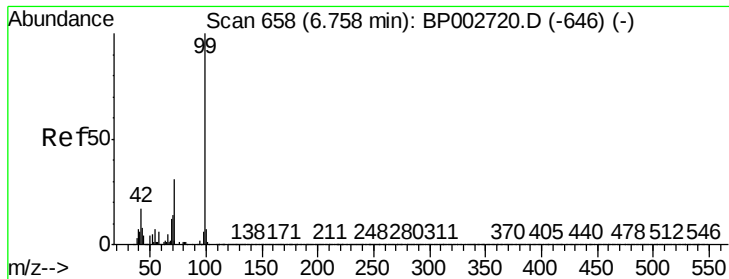


#5

2-Fluorophenol
Concen: 113.214 ng
RT: 5.16 min Scan# 387
Delta R.T. -0.00 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	48.1	72.1
63	29.5	24.9	37.3





#7

Phenol-d6

Concen: 113.272 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002869.D

Acq: 24 Jul 2020 23:56

Instrument :

BNA_P

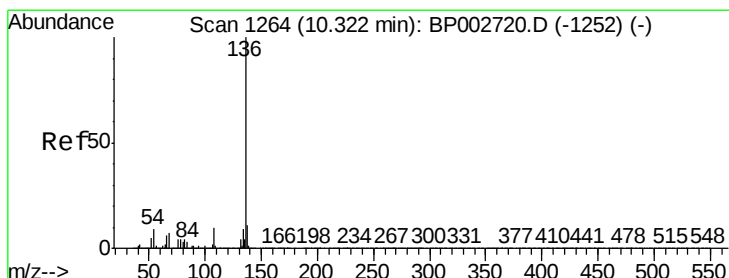
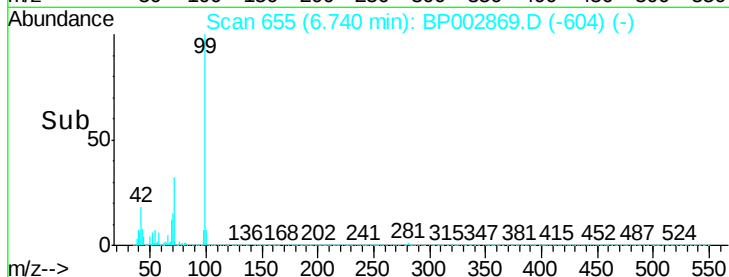
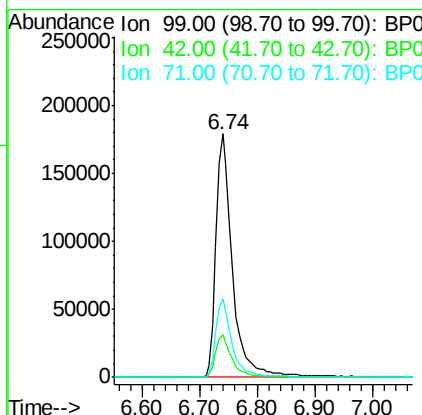
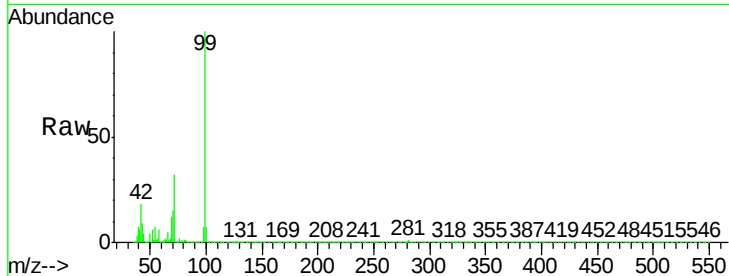
ClientSampleId :

CRT-013

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		357468		
42	17.6	14.2	21.4		
71	32.0	26.1	39.1		

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#21

Naphthalene-d8

Concen: 20.000 ng

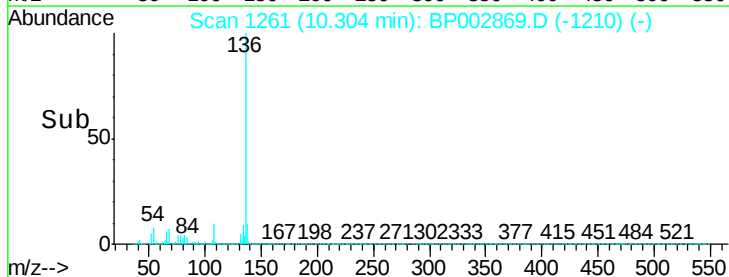
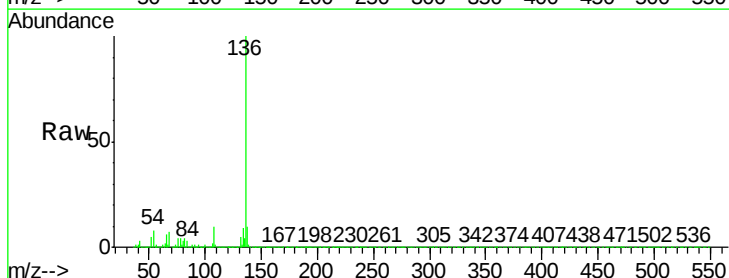
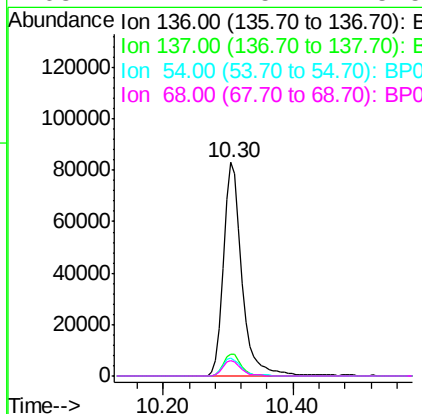
RT: 10.30 min Scan# 1261

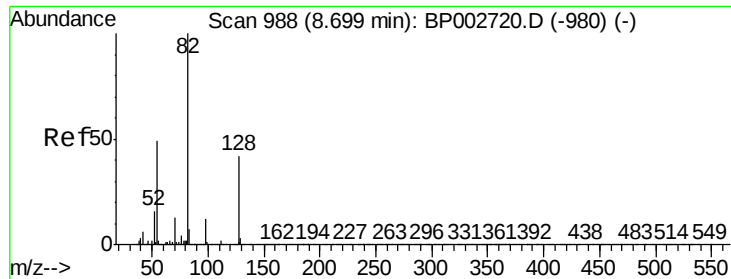
Delta R.T. -0.00 min

Lab File: BP002869.D

Acq: 24 Jul 2020 23:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		163211		
137	10.4	8.8	13.2		
54	8.2	7.3	10.9		
68	7.4	5.7	8.5		





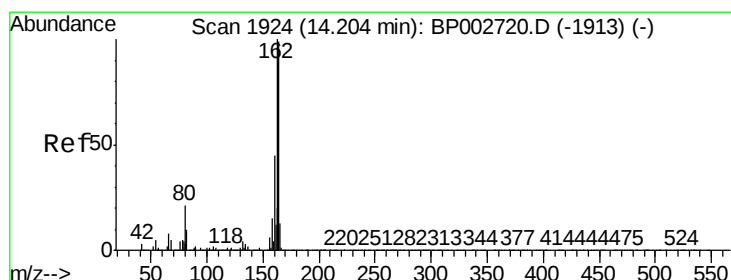
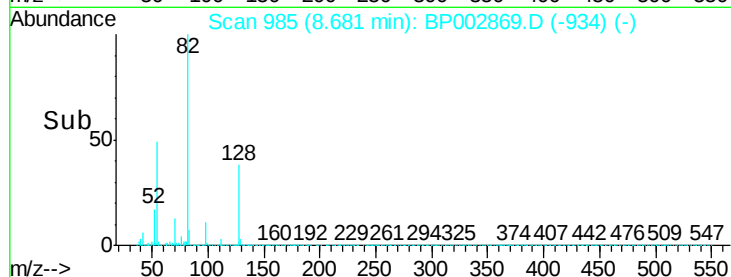
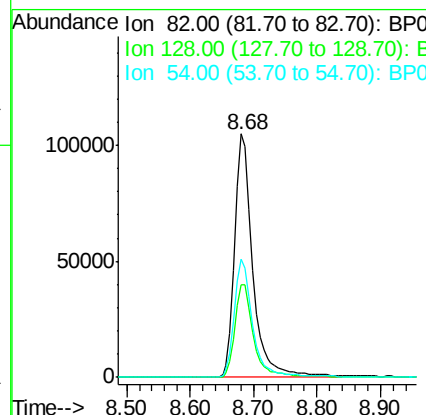
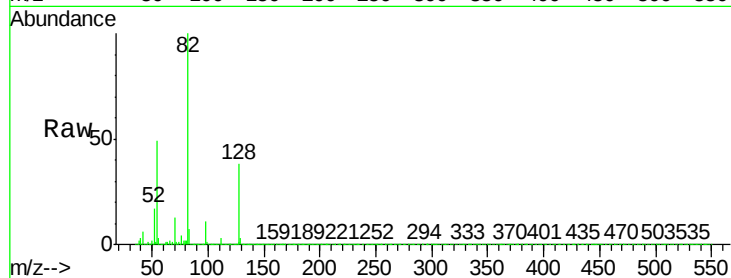
#23
Nitrobenzene-d5
Concen: 67.466 ng
RT: 8.68 min Scan# 985
Delta R.T. -0.00 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Instrument :
BNA_P
ClientSampled :
CRT-013

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	38.3	32.6	49.0
54	48.7	38.9	58.3

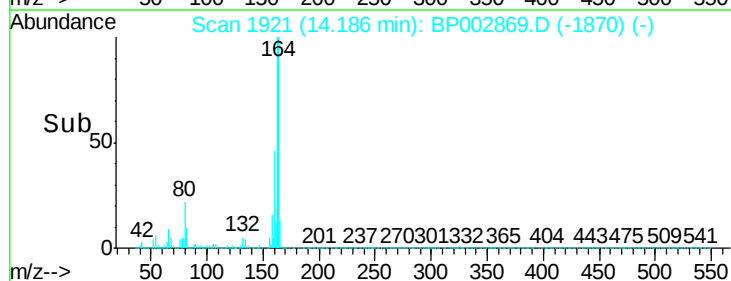
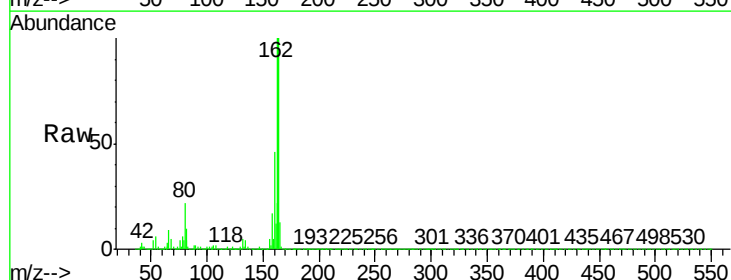
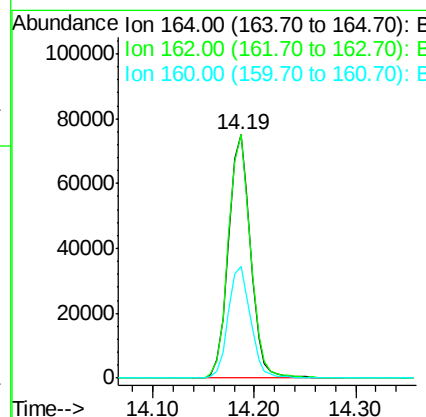
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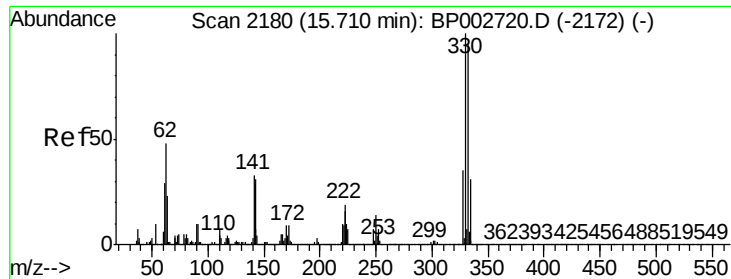
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	100.1	78.4	117.6
160	46.0	36.1	54.1





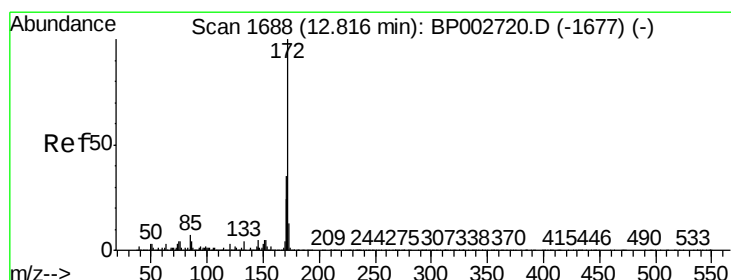
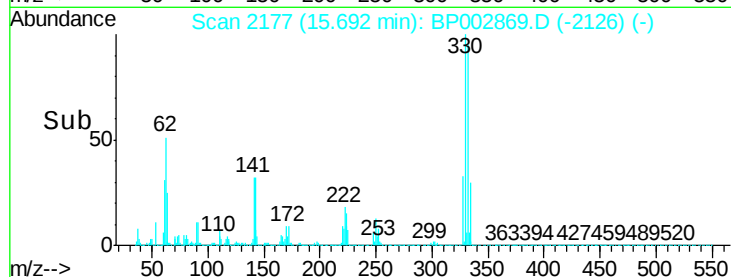
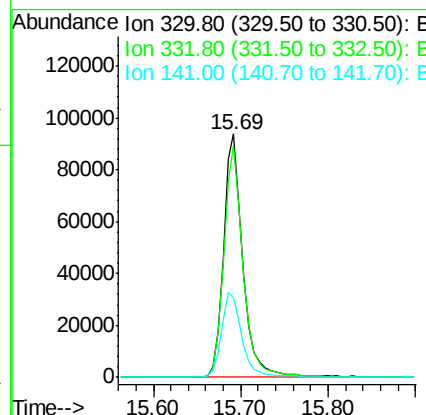
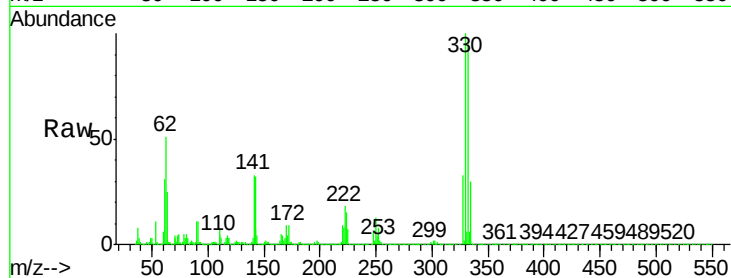
#42
 2,4,6-Tribromophenol
 Concen: 119.760 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BP002869.D
 Acq: 24 Jul 2020 23:56

Instrument :
 BNA_P
 ClientSampleId :
 CRT-013

Tot Ion	Ratio	Resp	Lower	Upper
330	100	142606		
332	96.5	77.6	116.4	
141	37.0	29.0	43.6	

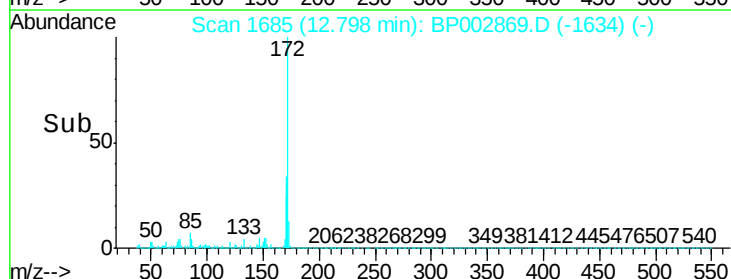
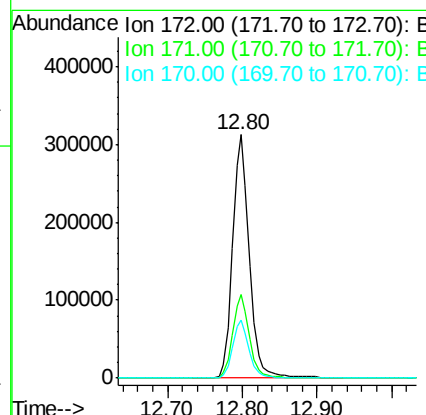
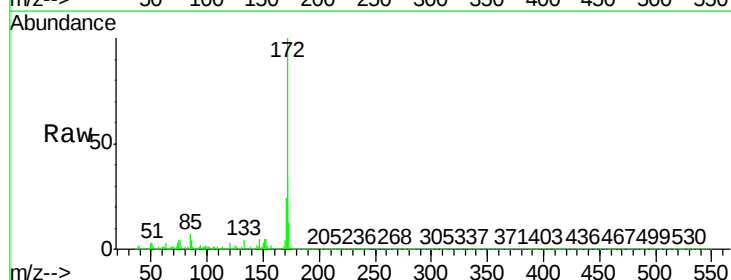
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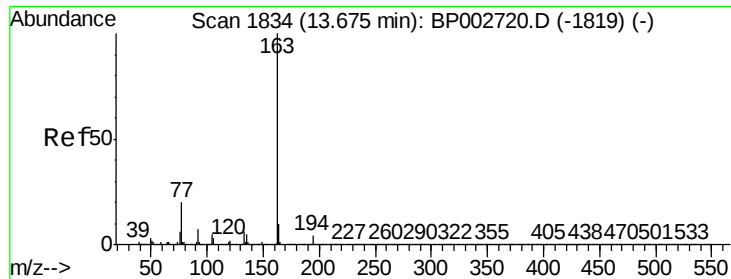
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#45
 2-Fluorobiphenyl
 Concen: 66.683 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BP002869.D
 Acq: 24 Jul 2020 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	491722		
171	34.2	27.0	40.4	
170	23.6	19.4	29.2	





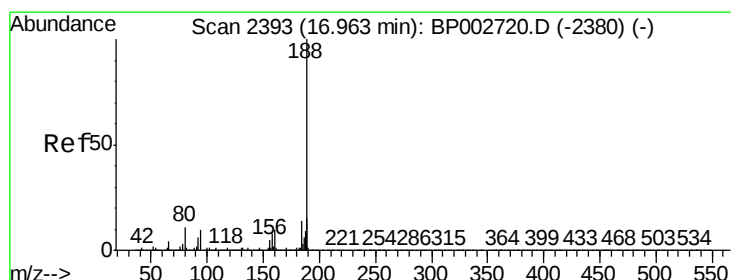
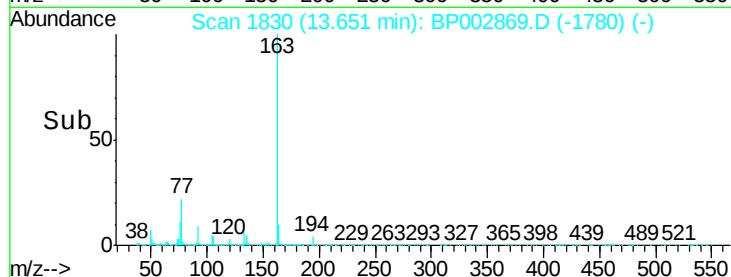
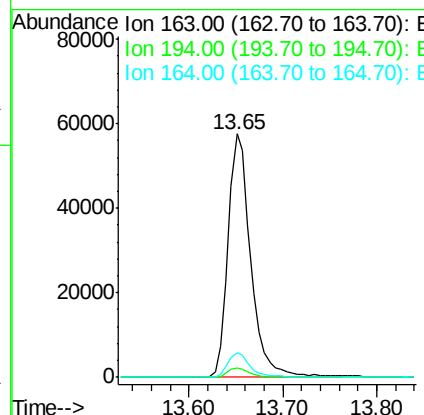
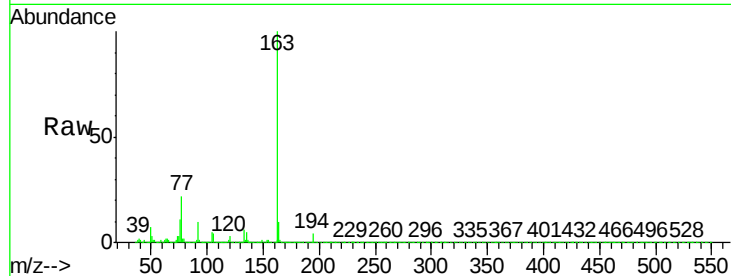
#50
Dimethylphthalate
Concen: 11.128 ng
RT: 13.65 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Instrument :
BNA_P
ClientSampleId :
CRT-013

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.9	8.2	12.2

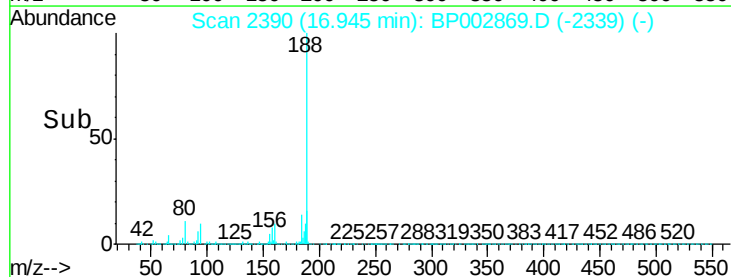
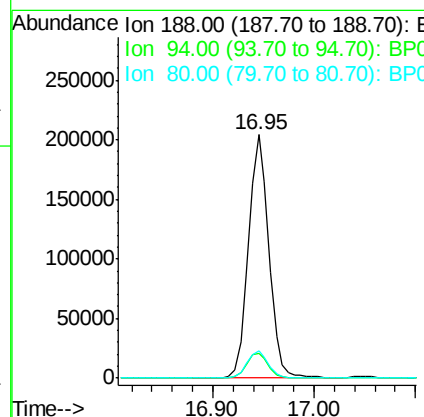
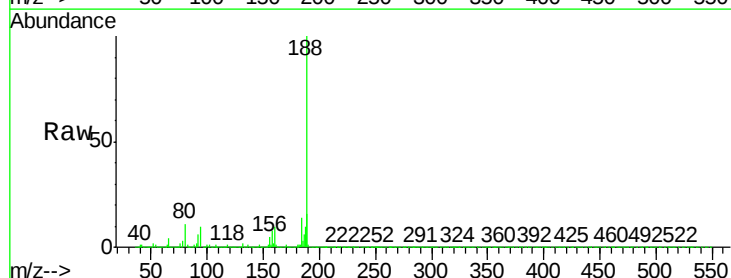
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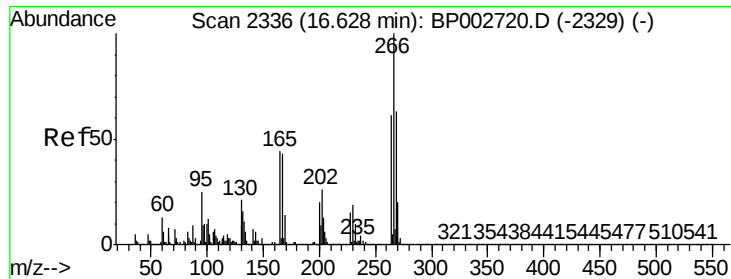
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.0	13.4





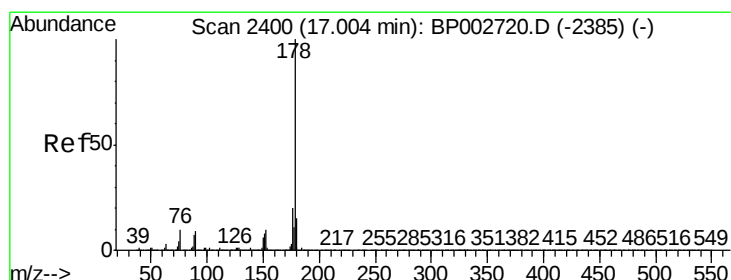
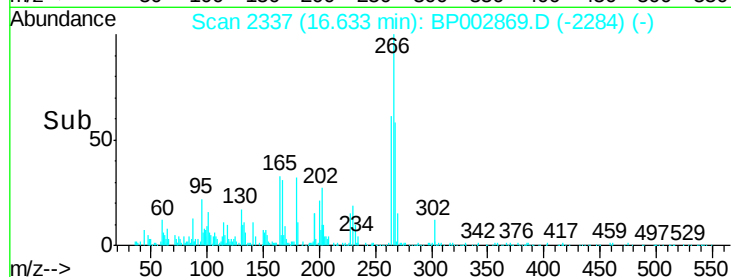
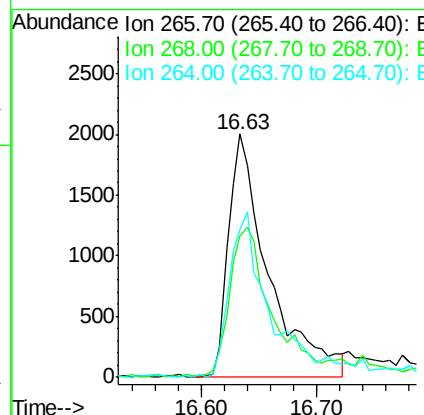
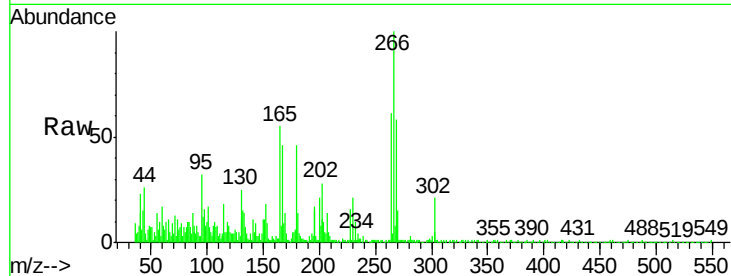
#70
 Pentachlorophenol
 Concen: 10.191 ng
 RT: 16.63 min Scan# 2337
 Delta R.T. 0.01 min
 Lab File: BP002869.D
 Acq: 24 Jul 2020 23:56

Instrument :
 BNA_P
 ClientSampleId :
 CRT-013

Tot Ion	Ratio	Lower	Upper
266	100		
268	58.2	51.2	76.8
264	60.6	50.2	75.4

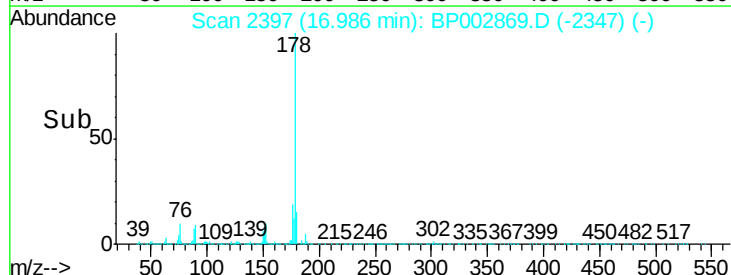
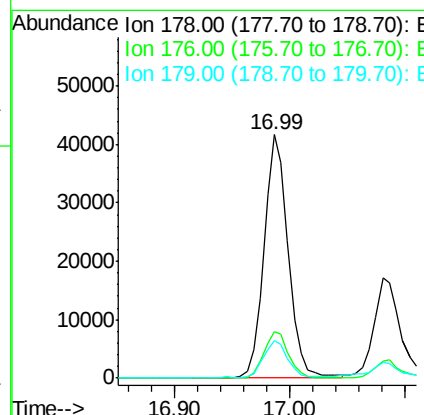
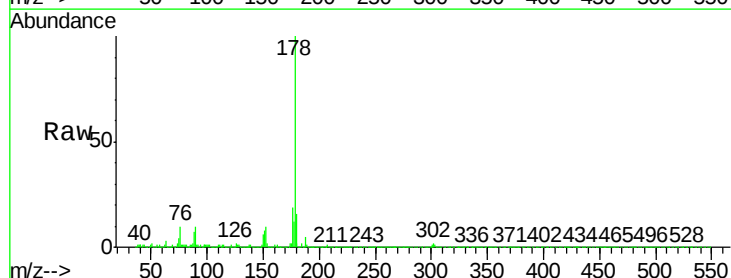
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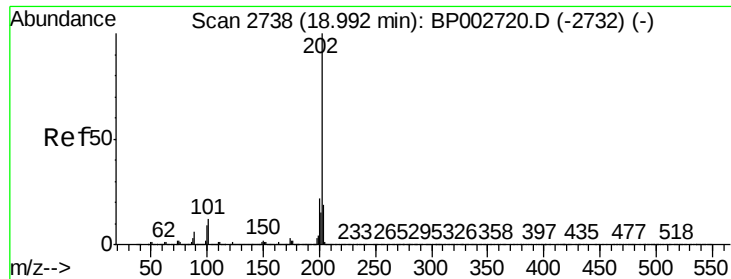
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#71
 Phenanthrene
 Concen: 3.909 ng
 RT: 16.99 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BP002869.D
 Acq: 24 Jul 2020 23:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.6	11.8	17.6





#75

Fluoranthene

Concen: 15.420 ng

RT: 18.97 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BP002869.D

Acq: 24 Jul 2020 23:56

Instrument :

BNA_P

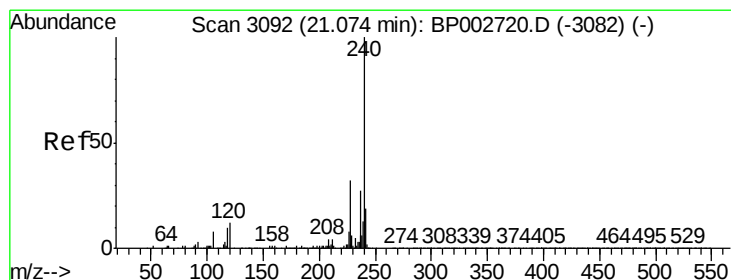
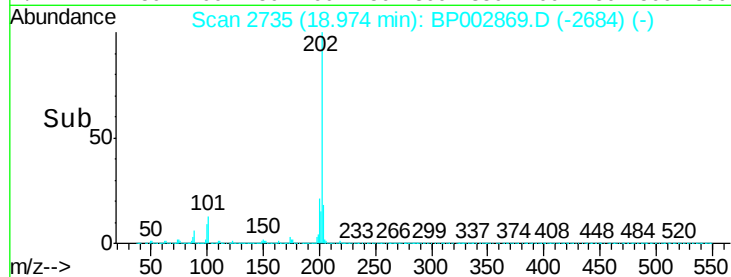
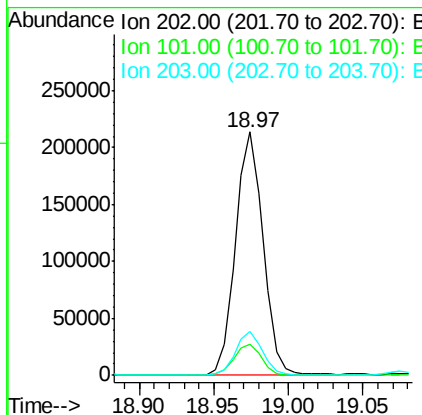
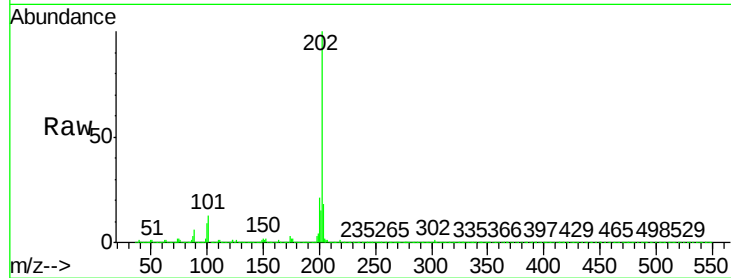
ClientSampled :

CRT-013

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		276496		
101	12.6	0.0	33.0		
203	17.9	0.0	38.1		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

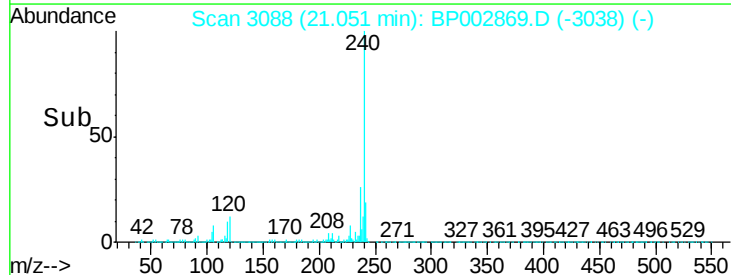
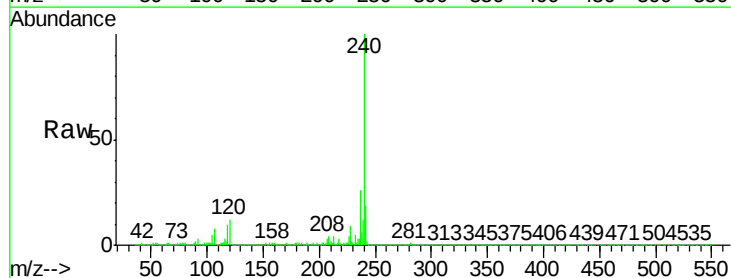
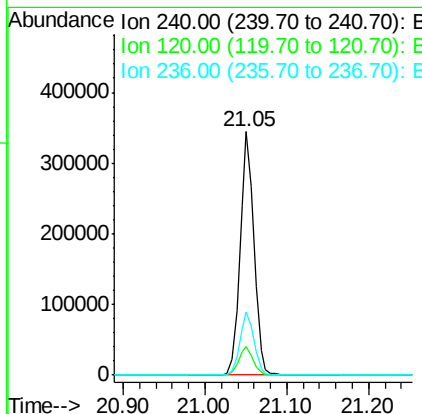
RT: 21.05 min Scan# 3088

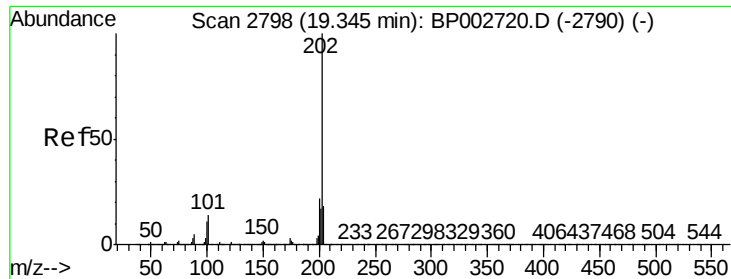
Delta R.T. -0.01 min

Lab File: BP002869.D

Acq: 24 Jul 2020 23:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		405386		
120	11.9	9.2	13.8		
236	25.7	20.3	30.5		





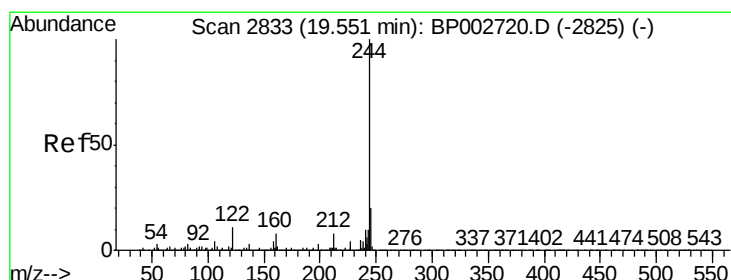
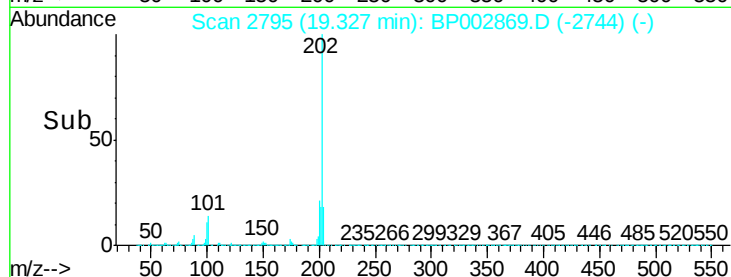
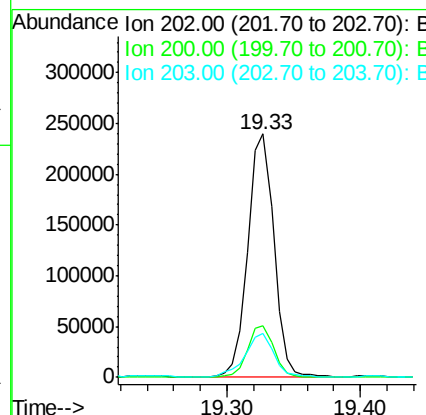
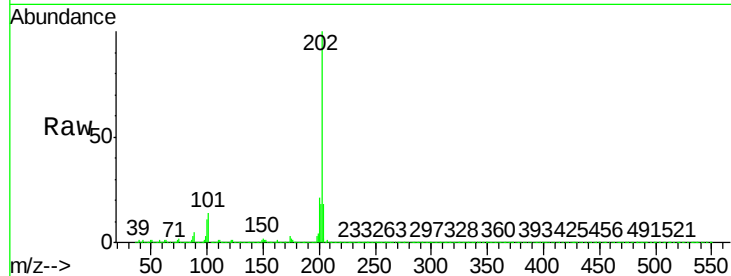
#78
Pvrene
Concen: 11.499 ng
RT: 19.33 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Instrument :
BNA_P
ClientSampleId :
CRT-013

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	18.2	13.8	20.8

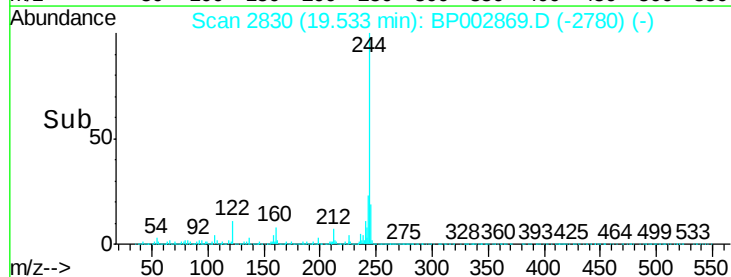
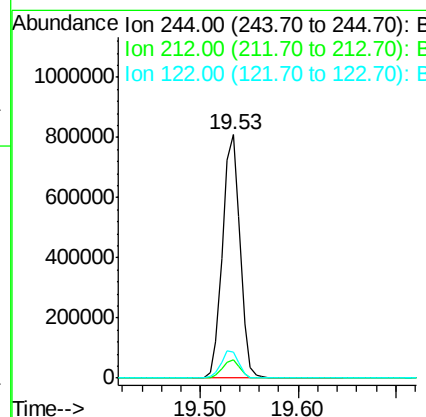
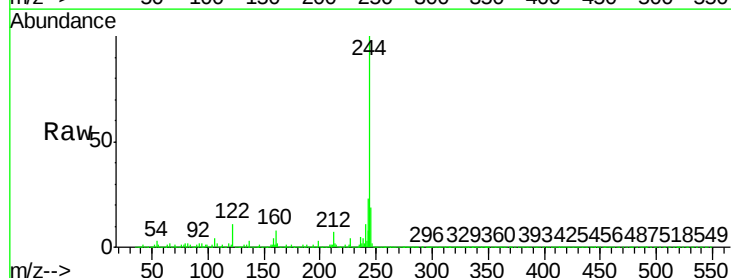
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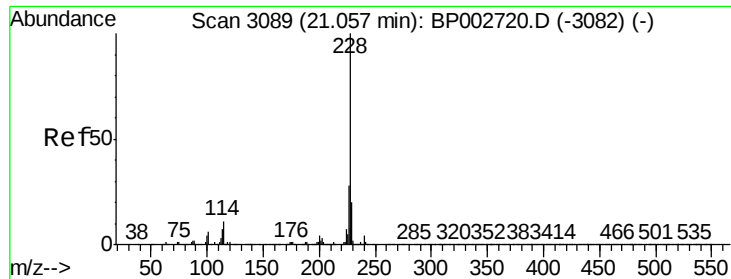
mohammad
7/27/2020 12:22:23 PM



#79
Terphenyl-d14
Concen: 56.984 ng
RT: 19.53 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.7	7.9	11.9





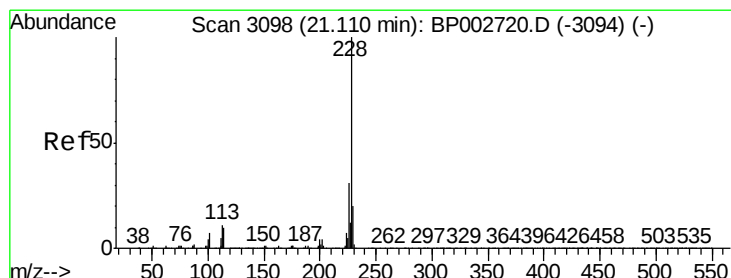
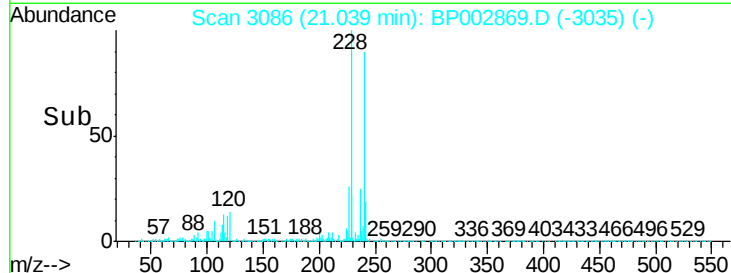
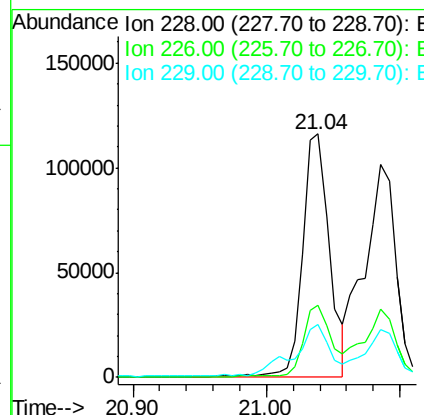
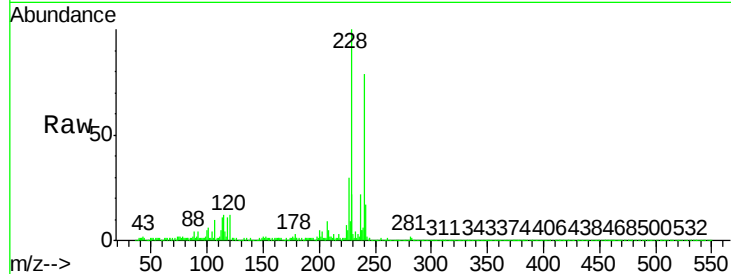
#81
Benzo(a)anthracene
Concen: 6.025 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Instrument :
BNA_P
ClientSampleId :
CRT-013

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.8	32.6
229	21.7	15.8	23.6

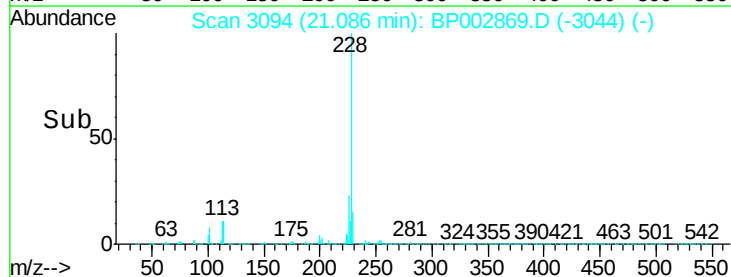
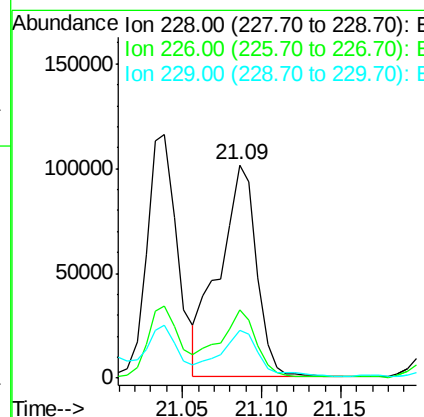
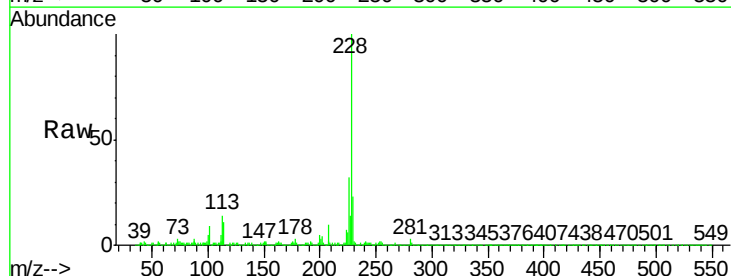
Manual Integrations
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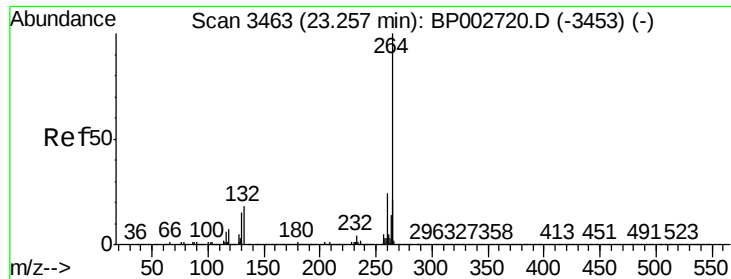
mohammad
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#83
Chrysene
Concen: 6.629 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.4	35.2
229	22.6	15.2	22.8





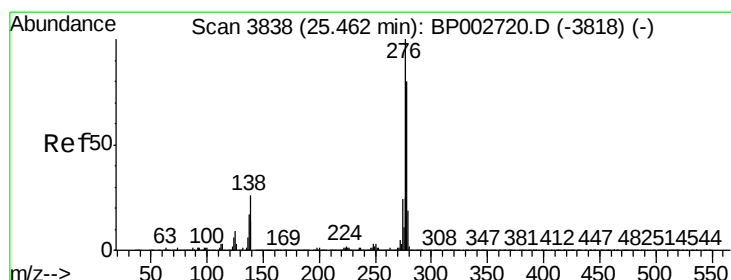
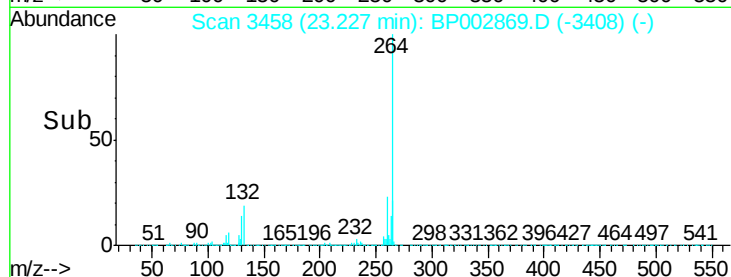
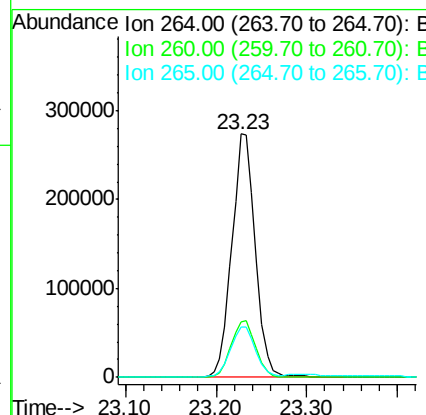
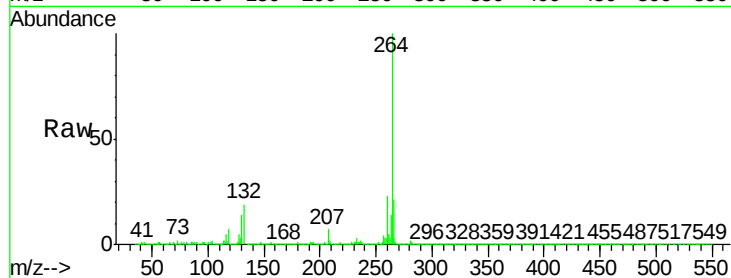
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.23 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Instrument :
BNA_P
ClientSampleId :
CRT-013

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	20.8	16.7	25.1

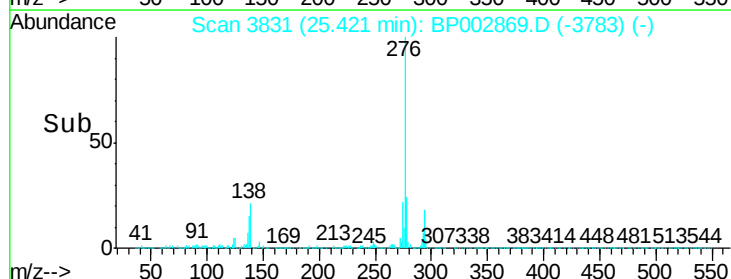
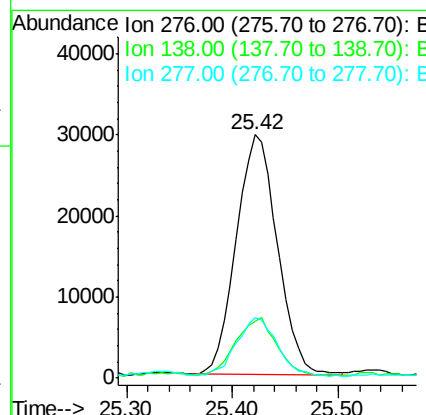
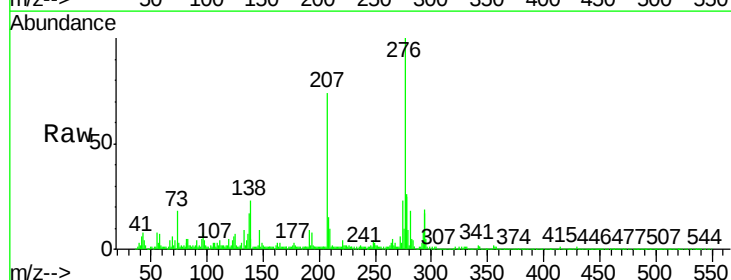
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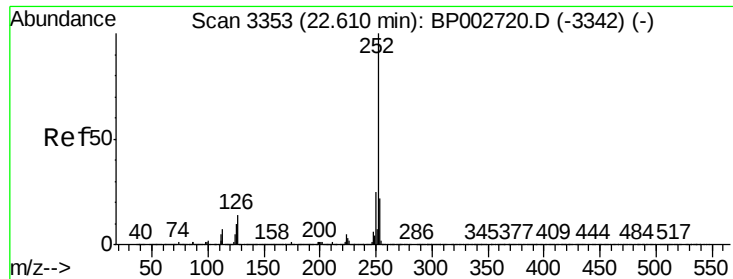
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.251 ng
RT: 25.42 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.5	30.7
277	24.2	20.1	30.1





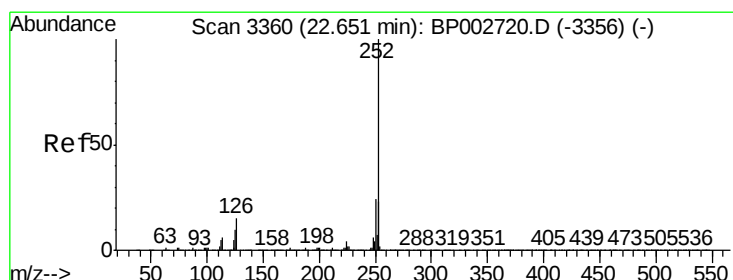
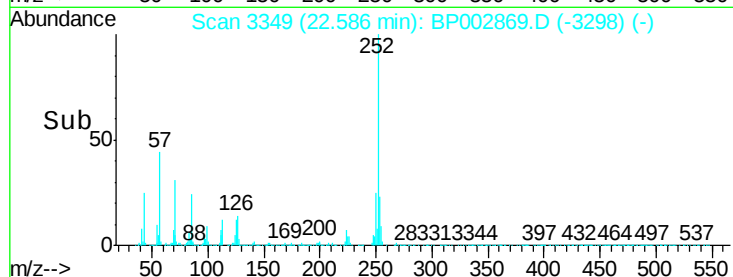
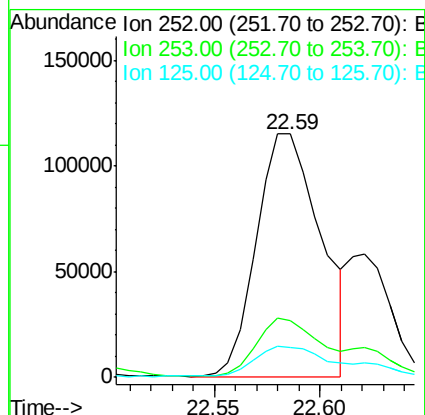
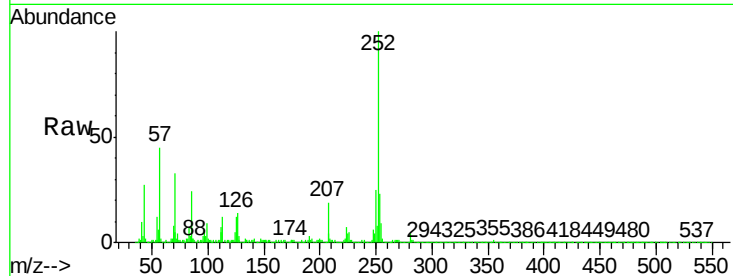
#88
Benzo(b)fluoranthene
Concen: 7.961 ng
RT: 22.59 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Instrument :
BNA_P
ClientSampleId :
CRT-013

Tot Ion:	252	Resp:	243041
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.5	27.7
125	12.3	8.3	12.5

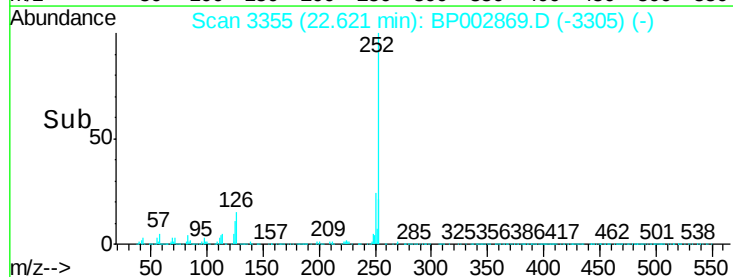
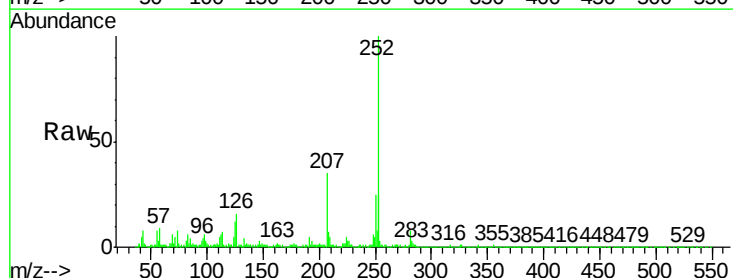
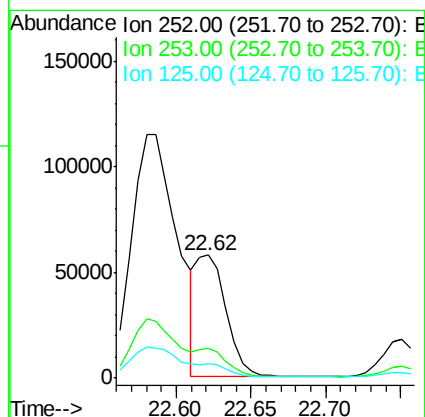
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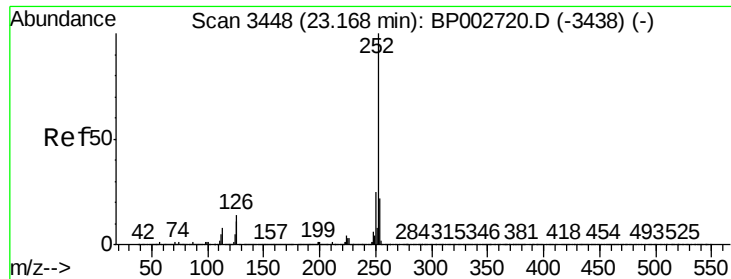
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.664 ng m
RT: 22.62 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Tgt Ion:	252	Resp:	80109
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.0	25.6
125	11.7	8.0	12.0





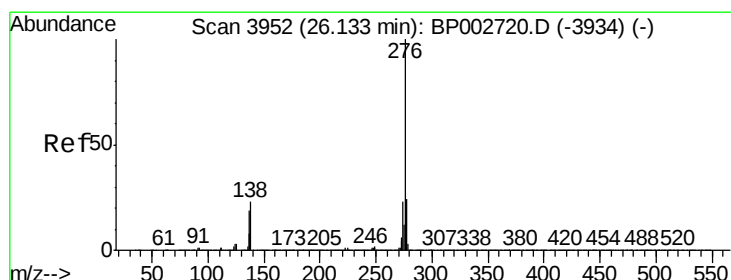
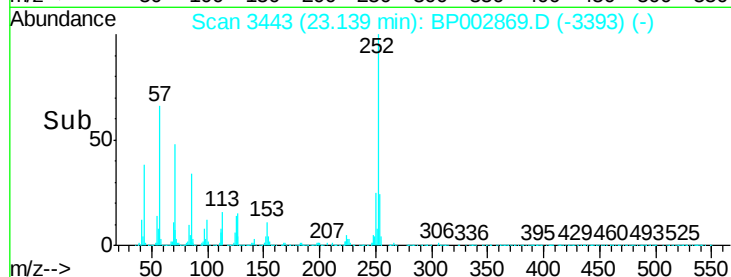
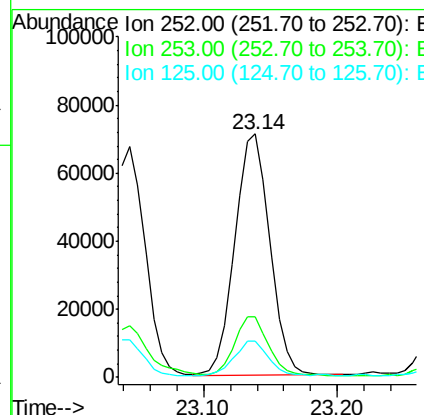
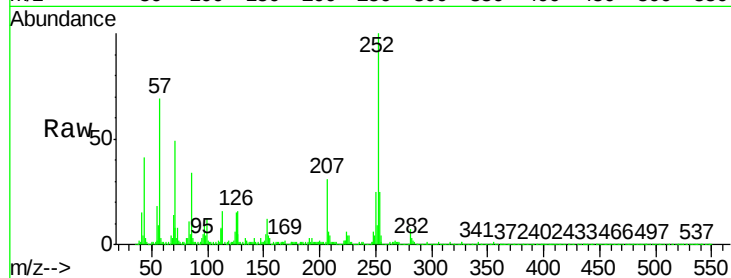
#90
Benzo(a)pyrene
Concen: 4.453 ng
RT: 23.14 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Instrument :
BNA_P
ClientSampled :
CRT-013

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	14.7	8.9	13.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.546 ng
RT: 26.09 min Scan# 3945
Delta R.T. -0.02 min
Lab File: BP002869.D
Acq: 24 Jul 2020 23:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	24.3	18.2	27.4

