

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001022.D
 Acq On : 11 Nov 2019 18:11
 Operator : JU
 Sample : K5763-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-37-S

Manual Integrations
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Quant Time: Nov 12 05:06:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	250674	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	926692	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	542910	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	1099961	20.00	ng	0.00
76) Chrysene-d12	19.29	240	1170391	20.00	ng	0.00
87) Perylene-d12	21.07	264	1276525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1125267	81.71	ng	0.00
7) Phenol-d6	7.81	99	1498870	86.07	ng	0.00
23) Nitrobenzene-d5	9.25	82	923927	55.15	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	585664	90.36	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	1932440	53.61	ng	-0.01
79) Terphenyl-d14	17.93	244	3186415	54.16	ng	0.00
Target Compounds						
10) Phenol	7.83	94	101349	5.321	ng	94
49) Acenaphthylene	13.02	152	151771	3.055	ng	99
50) Dimethylphthalate	12.84	163	181745	4.527	ng	99
75) Fluoranthene	17.39	202	562572	8.841	ng	99
78) Pyrene	17.70	202	680228	8.224	ng	99
81) Benzo(a)anthracene	19.28	228	634998m	8.056	ng	
83) Chrysene	19.32	228	566623	8.188	ng	98
86) Indeno(1,2,3-cd)pyrene	22.73	276	495612m	5.234	ng	
88) Benzo(b)fluoranthene	20.58	252	956890m	12.575	ng	
89) Benzo(k)fluoranthene	20.61	252	394467m	5.507	ng	
90) Benzo(a)pyrene	21.00	252	718047	10.262	ng	97
92) Benzo(a,h,i)perylene	23.23	276	459518	6.390	ng	# 94

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

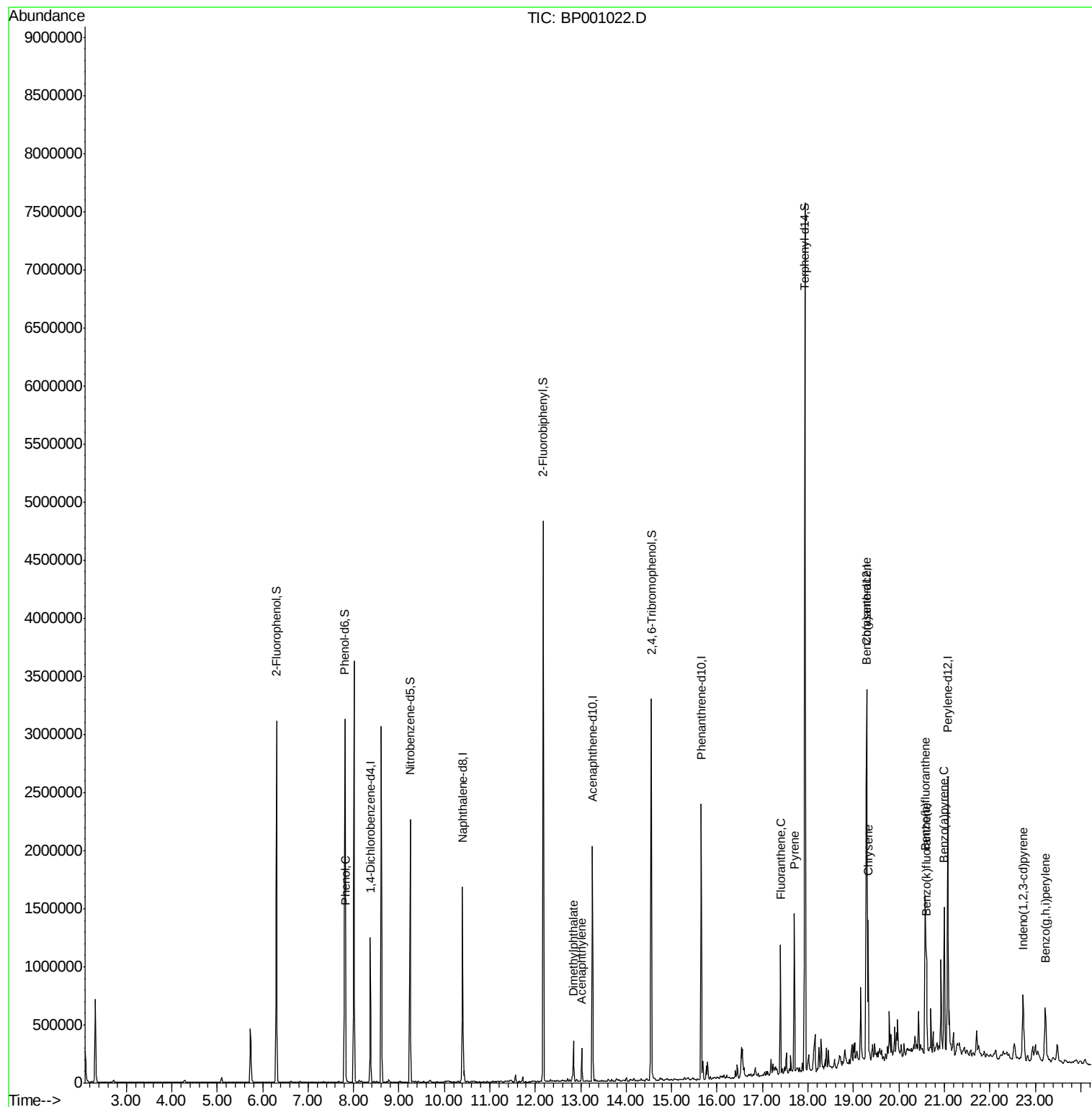
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001022.D
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Sample : K5763-03
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ALS Vial : 5 Sample Multiplier: 1

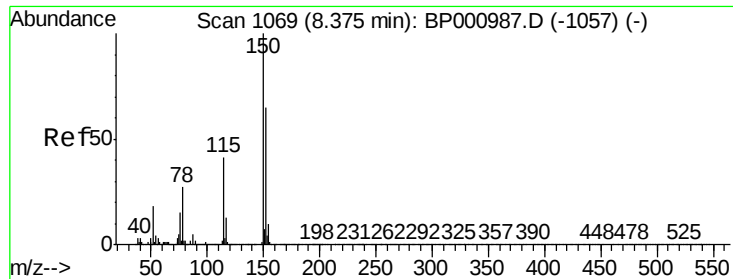
Instrument :
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TP-37-S

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
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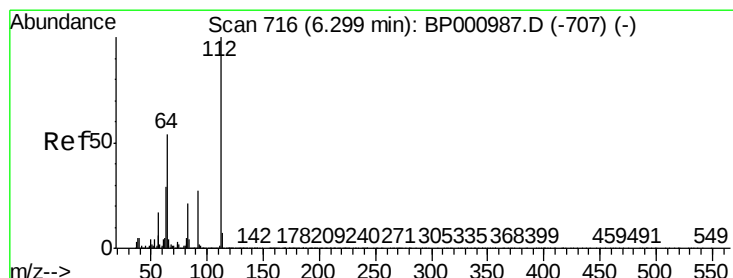
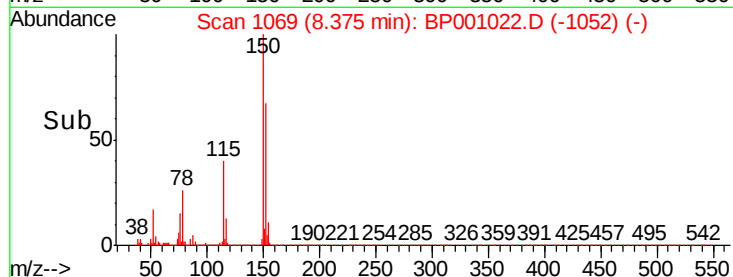
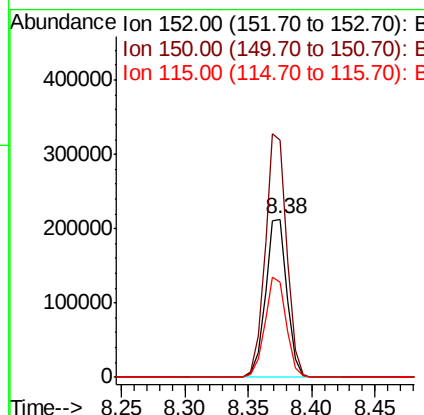
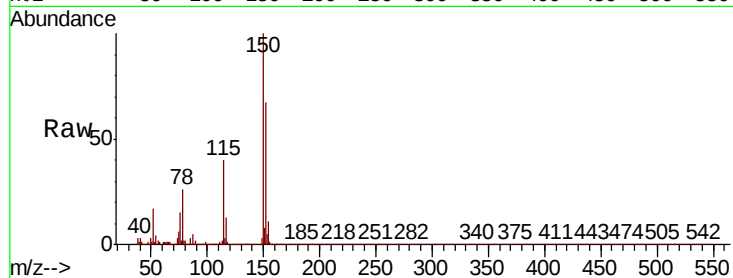
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.38 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BP001022.D
 Acq: 11 Nov 2019 18:11

Instrument :
 BNA_P
 ClientSampleId :
 TP-37-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	123.6	185.4
115	59.9	50.1	75.1

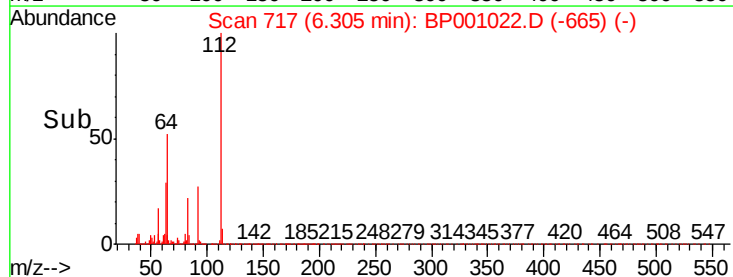
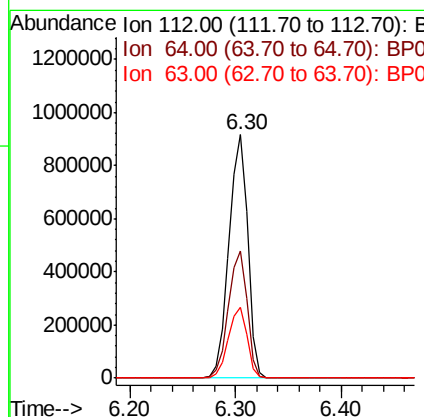
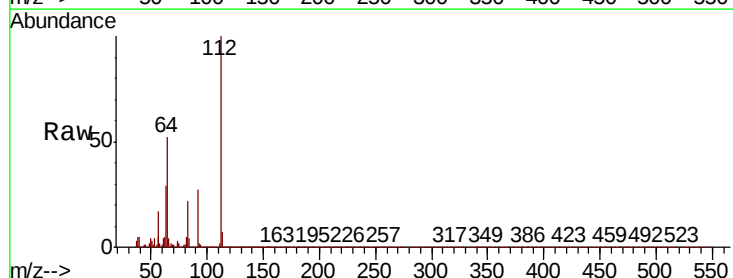
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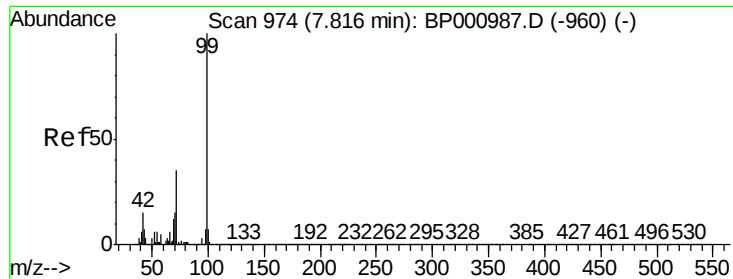
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#5
 2-Fluorophenol
 Concen: 81.707 ng
 RT: 6.30 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BP001022.D
 Acq: 11 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	43.4	65.0
63	29.3	23.4	35.0





#7

Phenol-d6

Concen: 86.066 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001022.D

Acq: 11 Nov 2019 18:11

Instrument :

BNA_P

ClientSampleId :

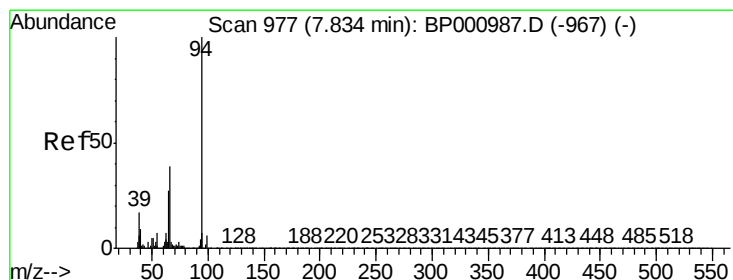
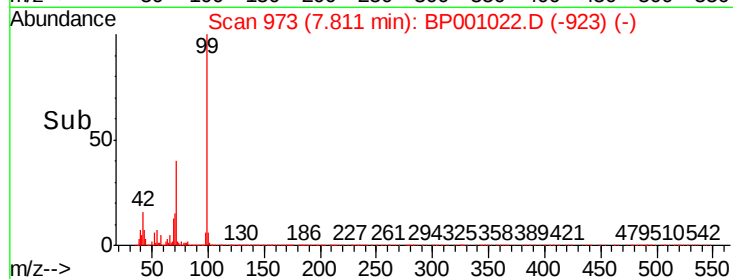
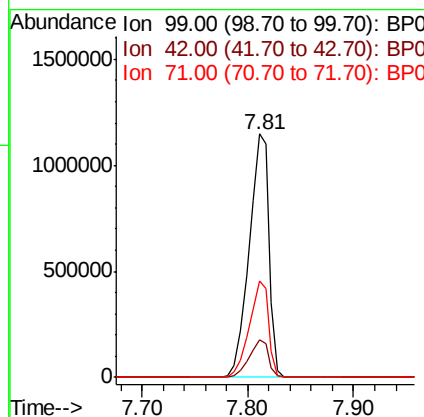
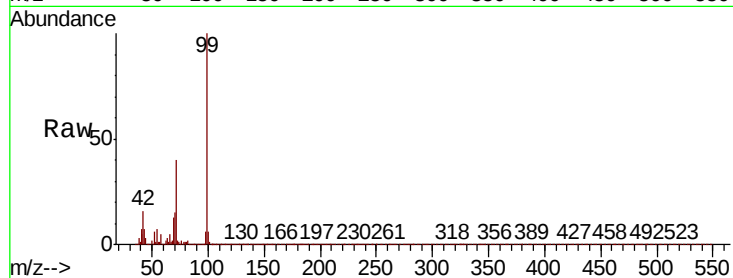
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Tot Ion: 99 Resp: 1498870

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.6	17.4
71	39.6	28.0	42.0

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#10

Phenol

Concen: 5.321 ng

RT: 7.83 min Scan# 976

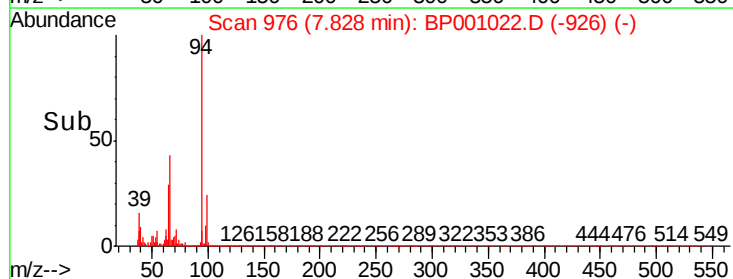
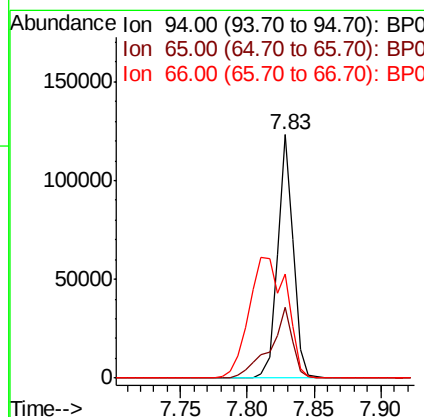
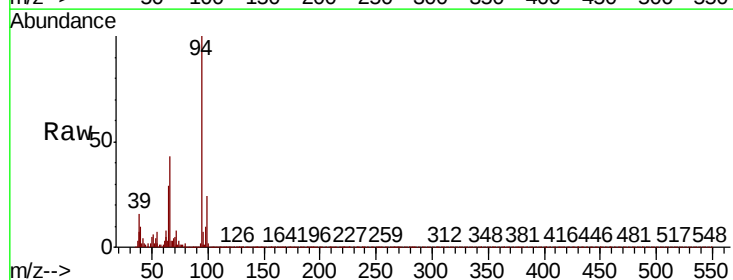
Delta R.T. -0.01 min

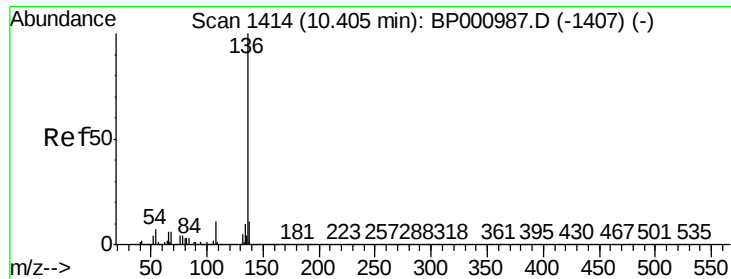
Lab File: BP001022.D

Acq: 11 Nov 2019 18:11

Tgt Ion: 94 Resp: 101349

Ion	Ratio	Lower	Upper
94	100		
65	28.8	6.7	46.7
66	42.6	18.6	58.6





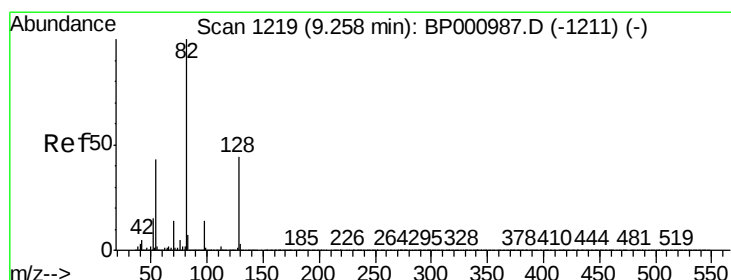
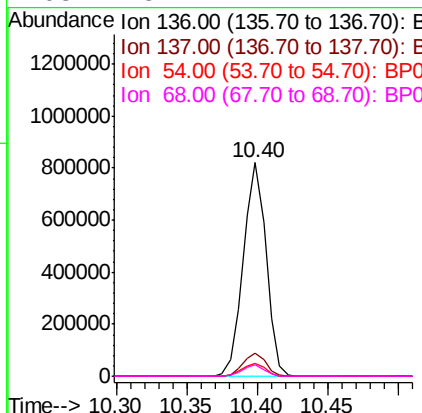
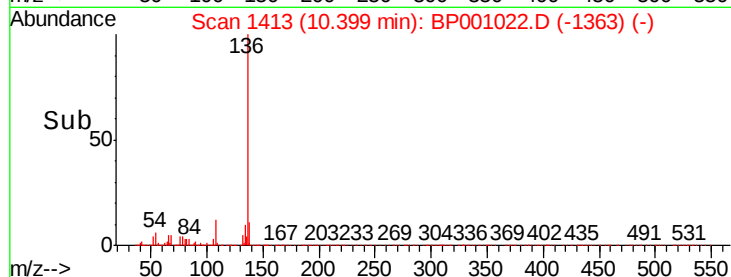
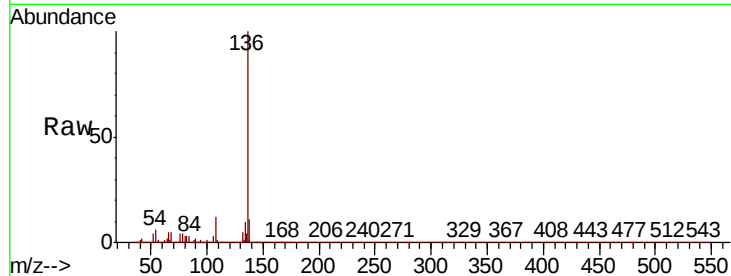
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :
TP-37-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	9.0	13.6		
54	6.2	5.4	8.2		
68	5.2	4.7	7.1		

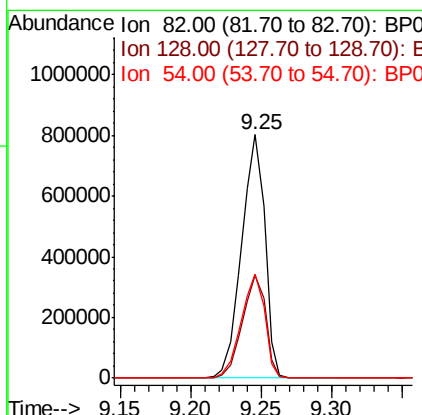
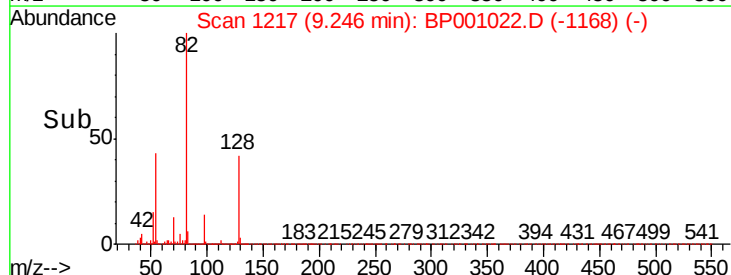
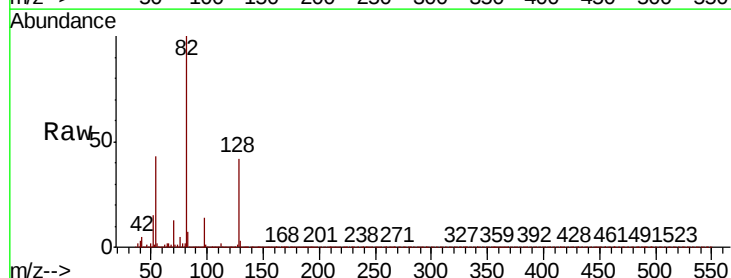
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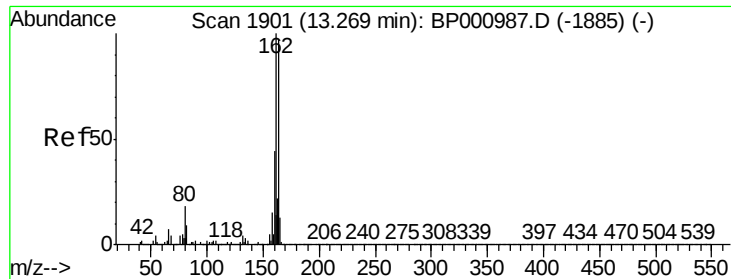
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#23
Nitrobenzene-d5
Concen: 55.152 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	42.1	35.3	52.9		
54	42.9	34.3	51.5		





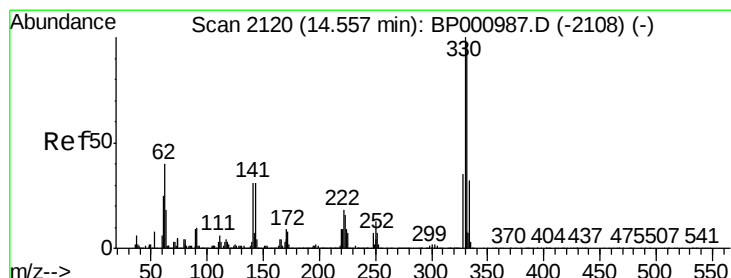
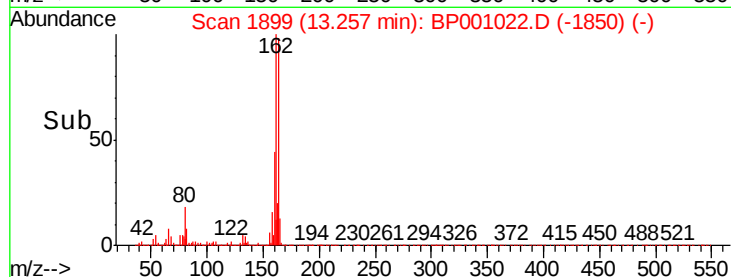
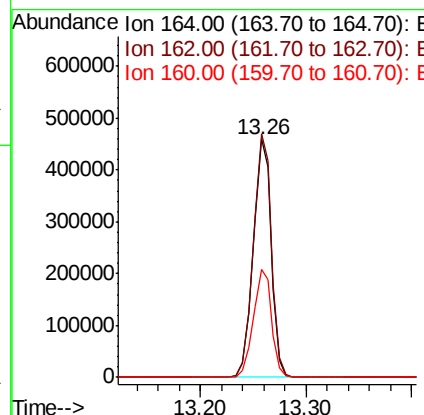
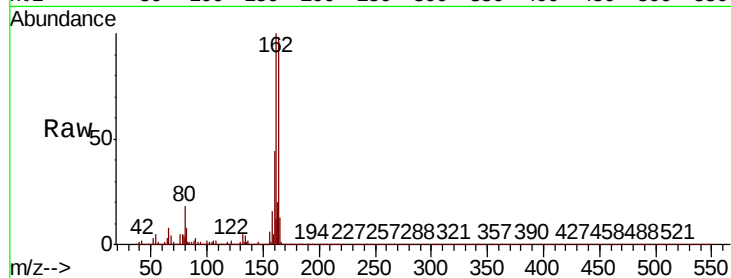
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :
TP-37-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	45.2	36.5	54.7

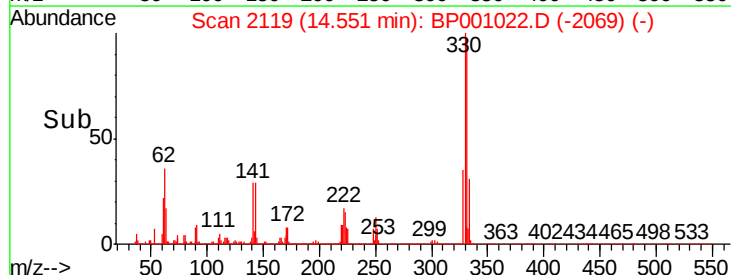
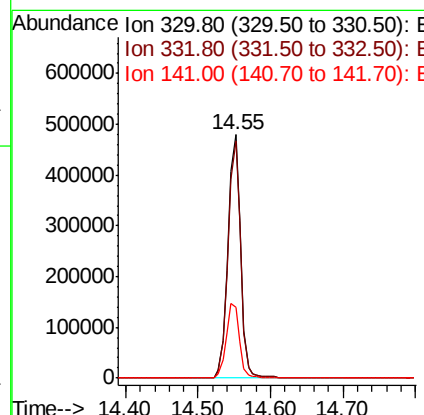
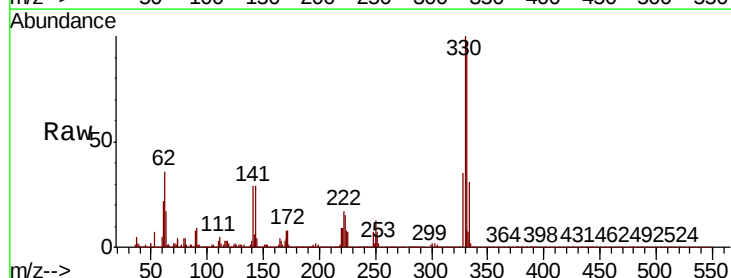
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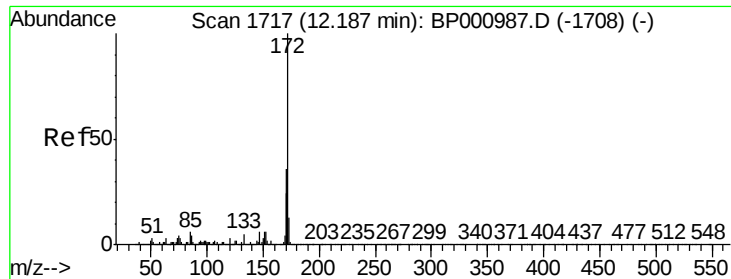
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#42
2,4,6-Tribromophenol
Concen: 90.365 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.3	117.5
141	31.7	25.0	37.4





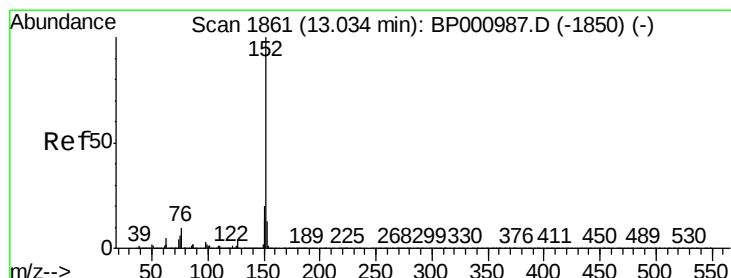
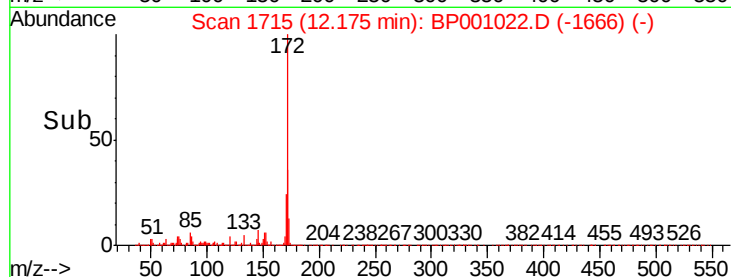
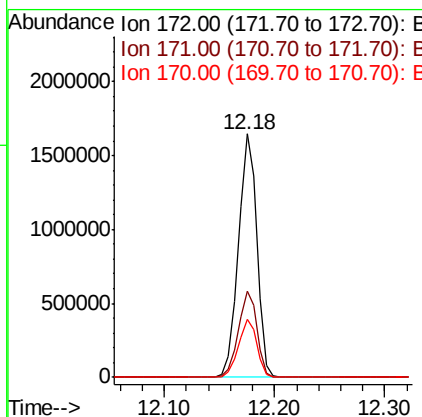
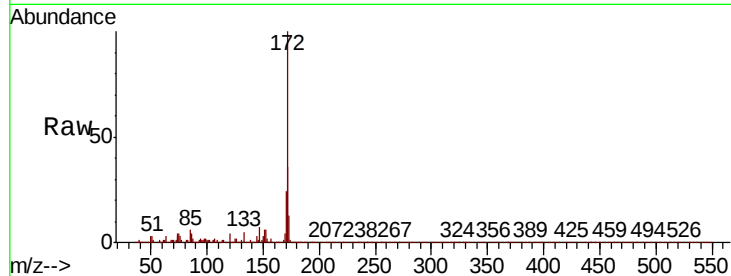
#45
2-Fluorobiphenyl
Concen: 53.608 ng
RT: 12.18 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :
TP-37-S

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.7	18.9	28.3

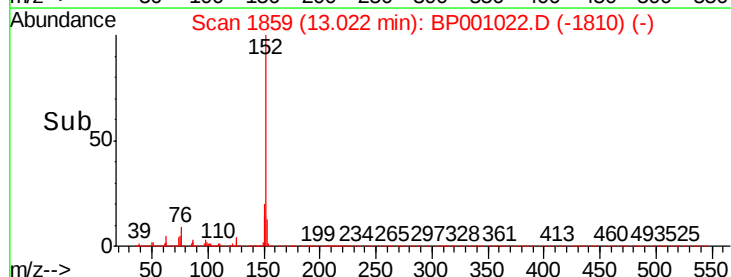
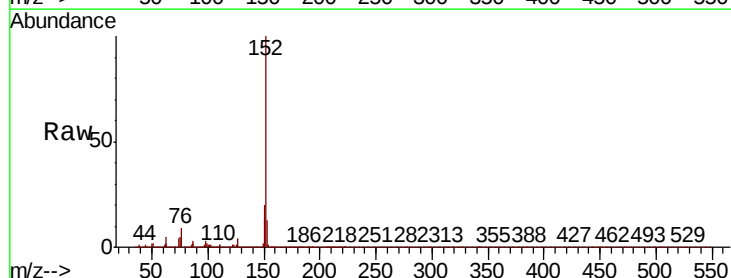
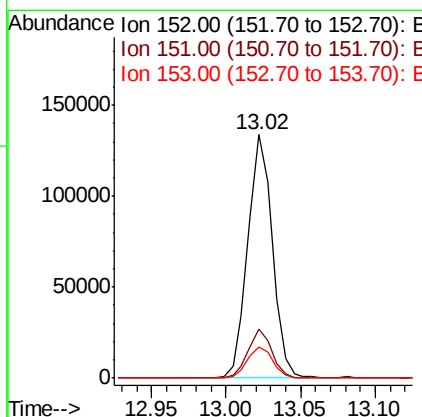
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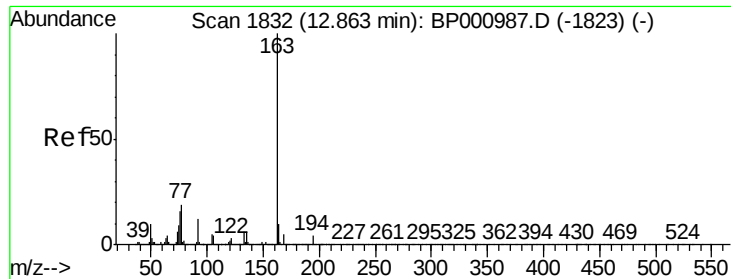
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#49
Acenaphthylene
Concen: 3.055 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	12.6	10.6	16.0





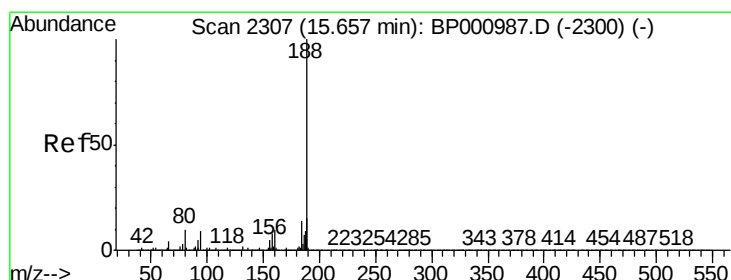
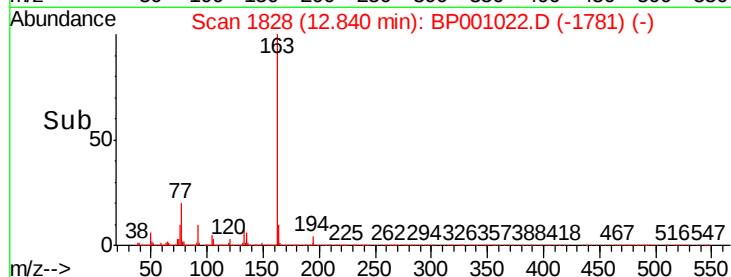
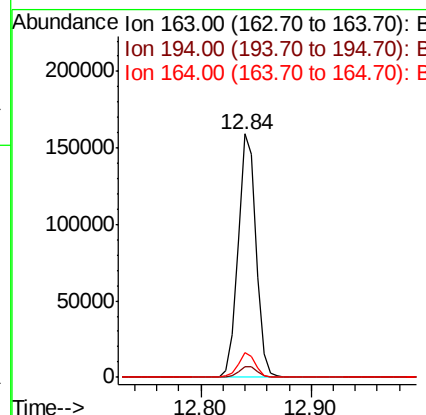
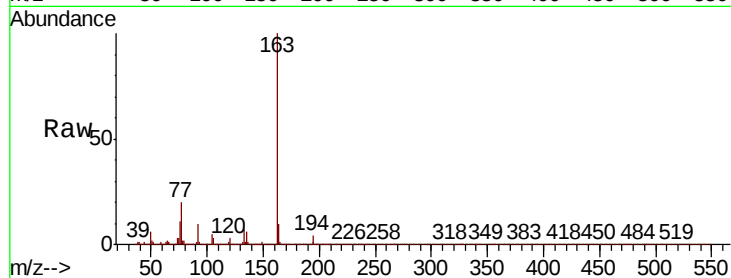
#50
Dimethylphthalate
Concen: 4.527 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :
TP-37-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	7.9	11.9

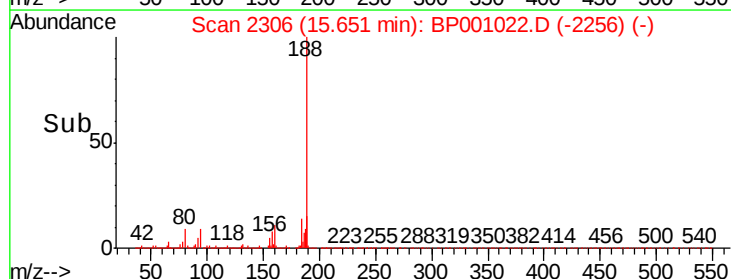
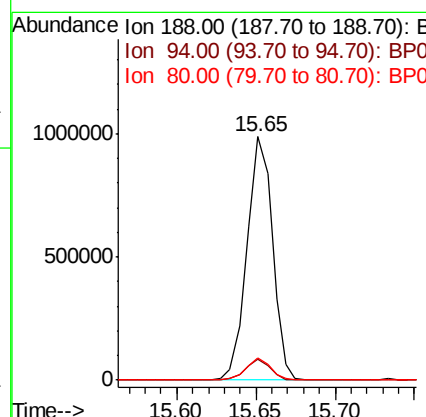
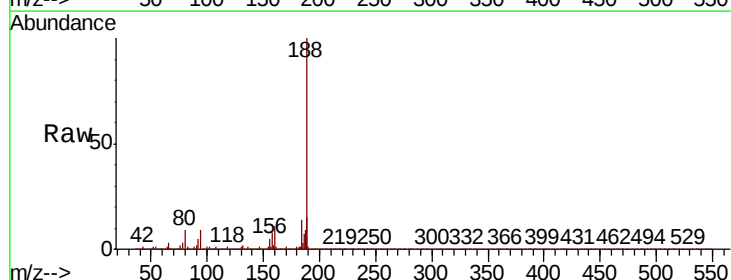
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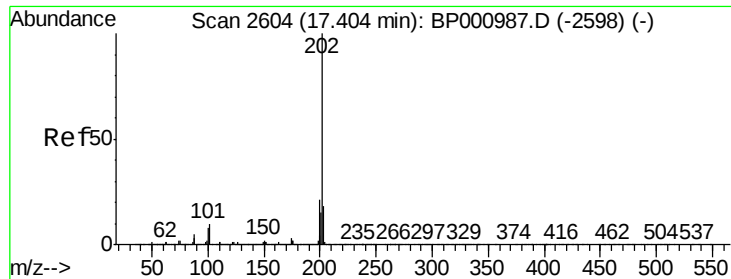
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	9.0	7.9	11.9





#75

Fluoranthene

Concen: 8.841 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BP001022.D

Acq: 11 Nov 2019 18:11

Instrument :

BNA_P

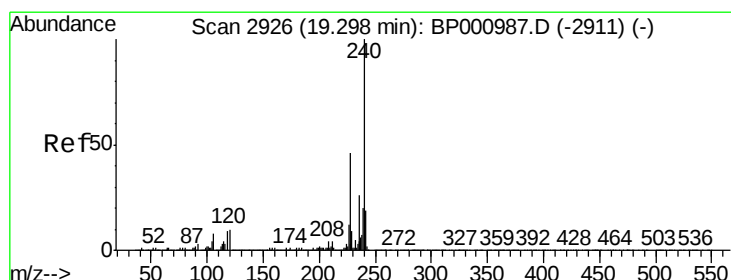
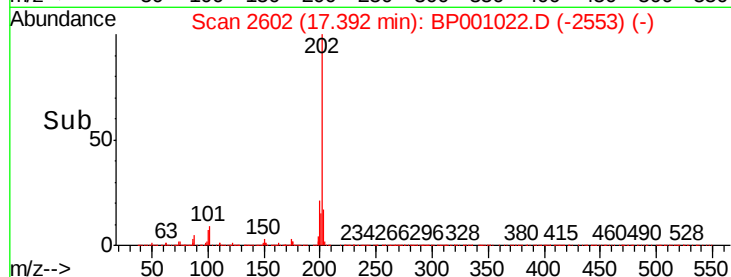
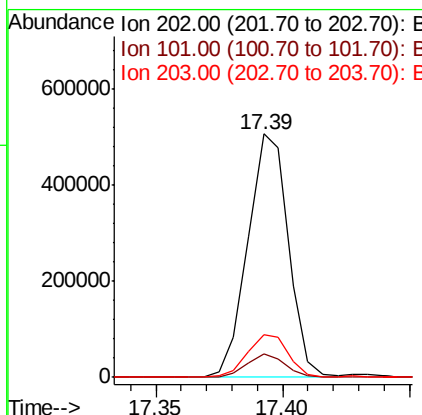
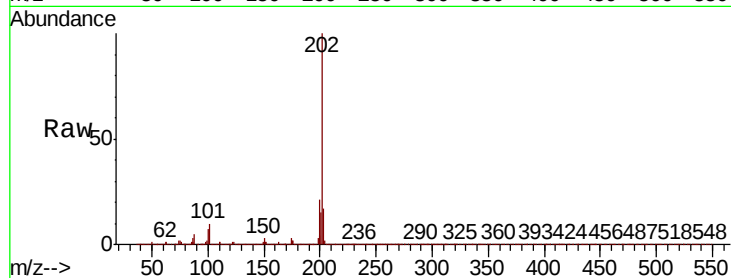
ClientSampleId :

TP-37-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		562572		
101	9.5	0.0	30.1		
203	17.5	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

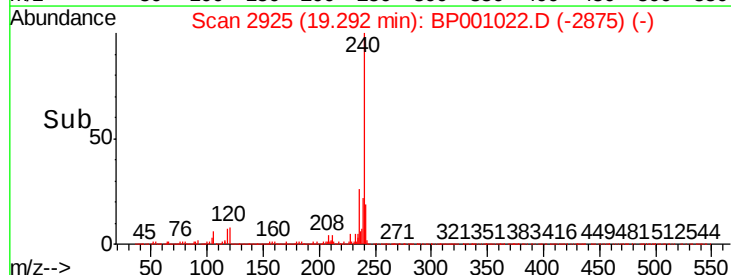
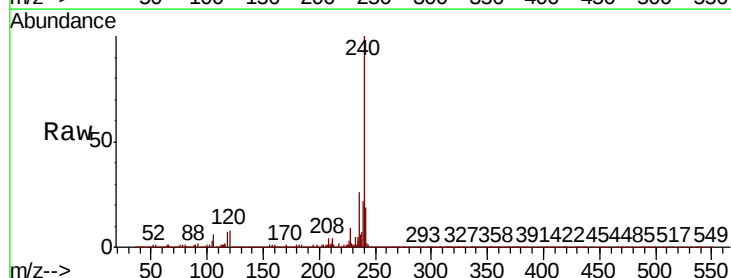
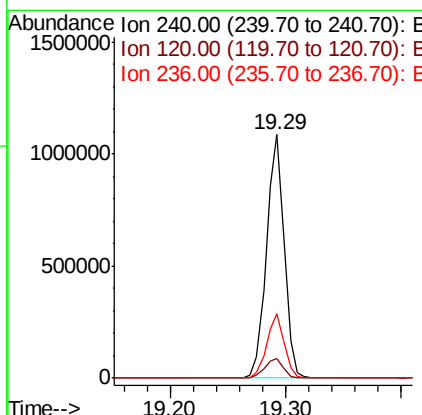
RT: 19.29 min Scan# 2925

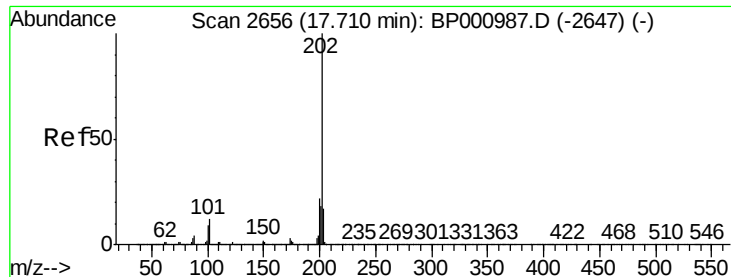
Delta R.T. -0.01 min

Lab File: BP001022.D

Acq: 11 Nov 2019 18:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		1170391		
120	7.9	8.2	12.2#		
236	26.3	20.5	30.7		





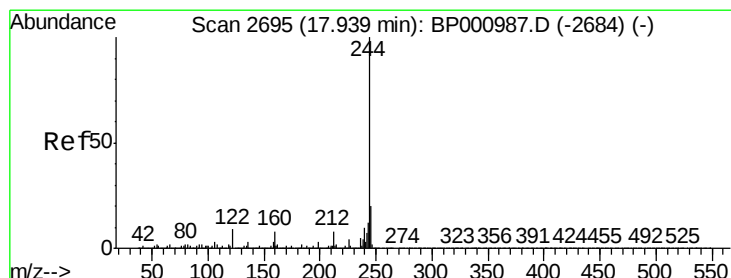
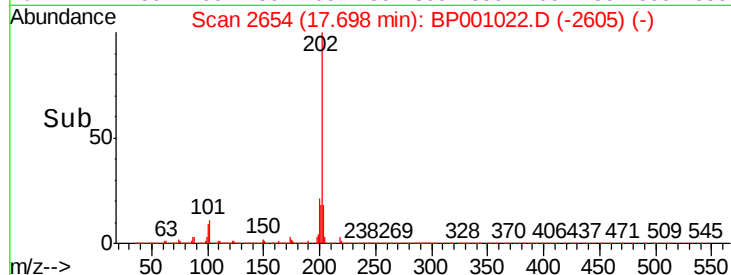
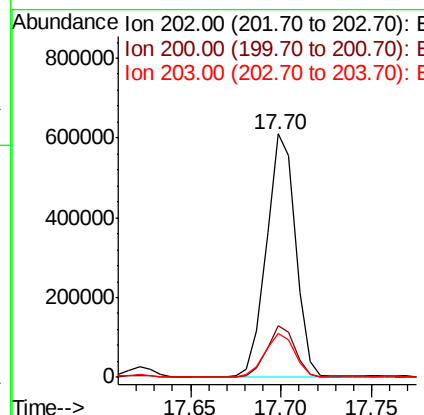
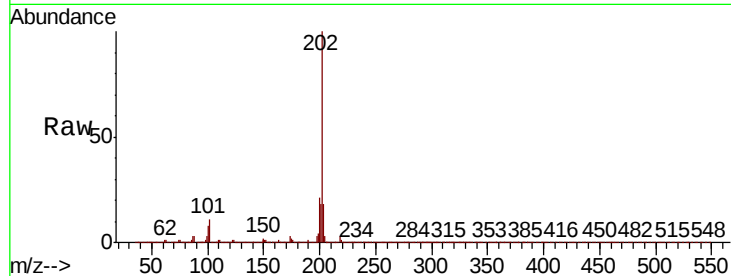
#78
Pvrene
Concen: 8.224 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :
TP-37-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		680228		
200	21.0	17.2	25.8		
203	17.9	14.0	21.0		

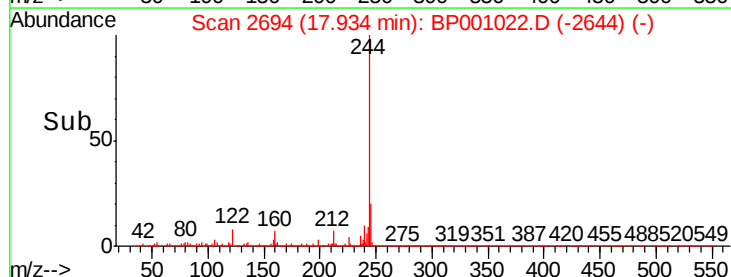
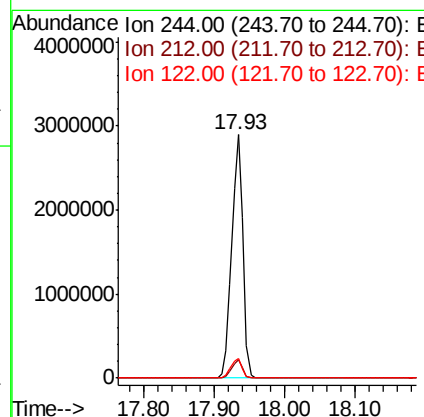
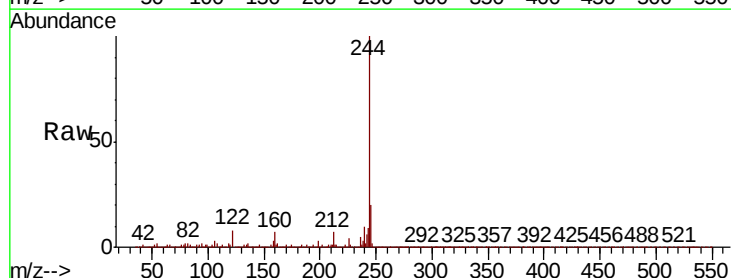
Manual Integrations
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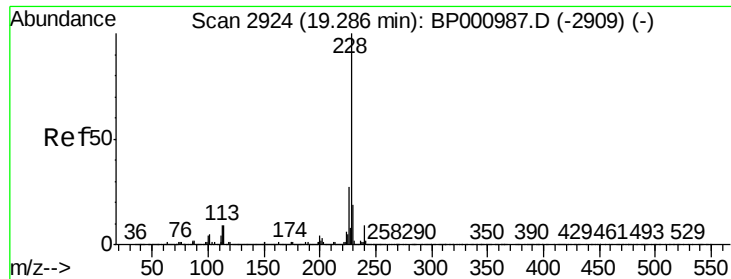
mohammad
11/12/2019 5:04:35 PM



#79
Terphenyl-d14
Concen: 54.155 ng
RT: 17.93 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		3186415		
212	7.4	6.0	9.0		
122	8.0	7.4	11.2		





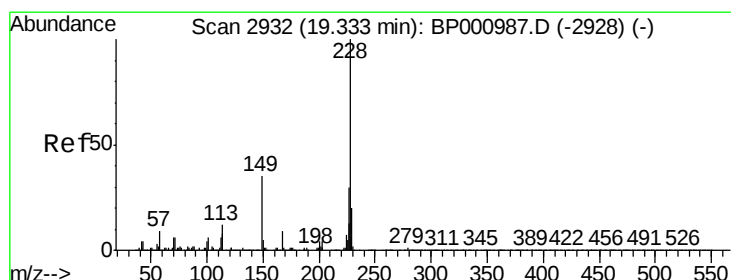
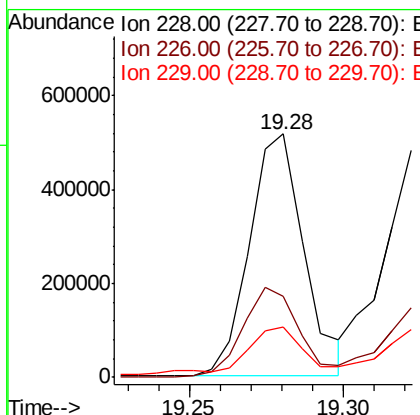
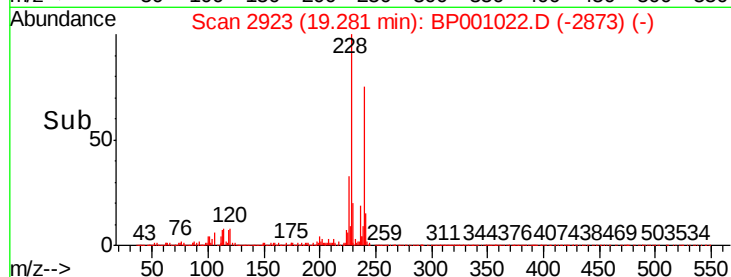
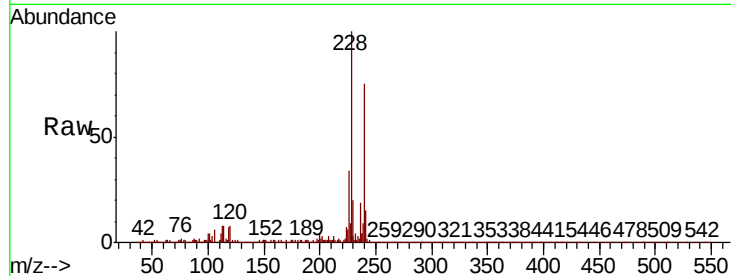
#81
Benzo(a)anthracene
Concen: 8.056 ng m
RT: 19.28 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :
TP-37-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	21.8	32.8#
229	20.5	15.6	23.4

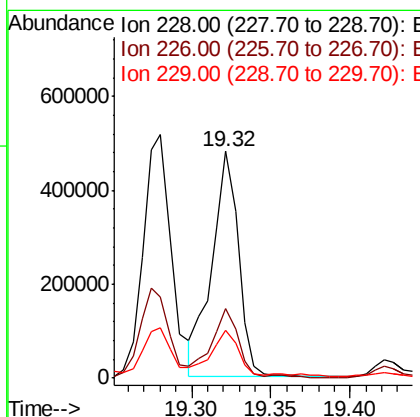
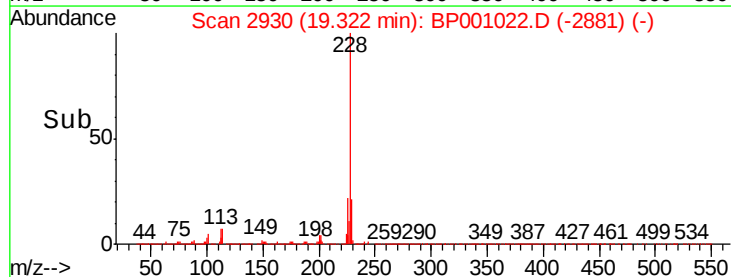
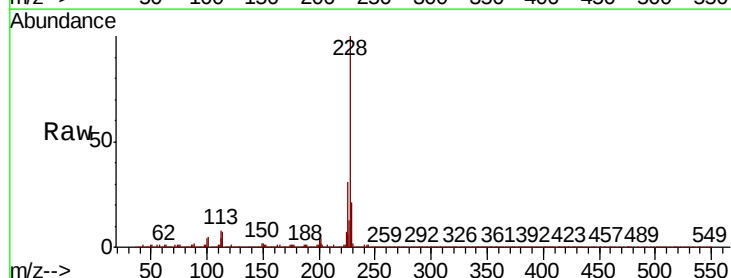
Manual Integrations
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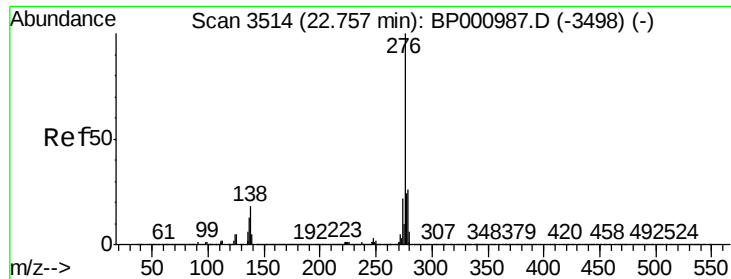
mohammad
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#83
Chrysene
Concen: 8.188 ng
RT: 19.32 min Scan# 2930
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	21.3	15.8	23.6





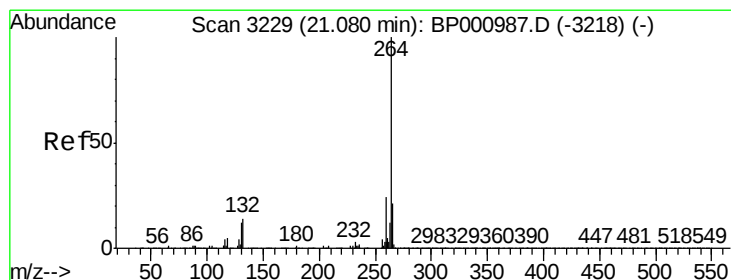
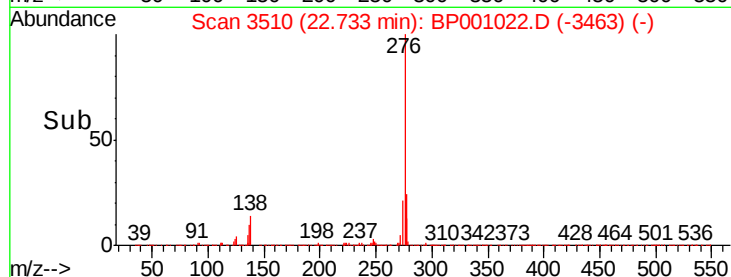
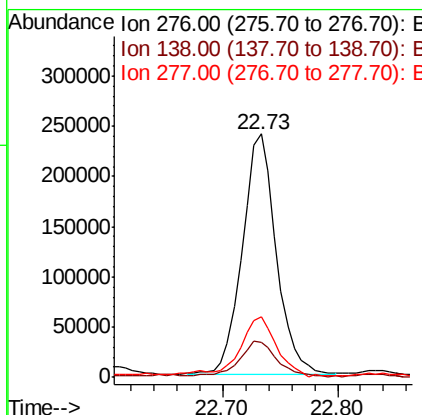
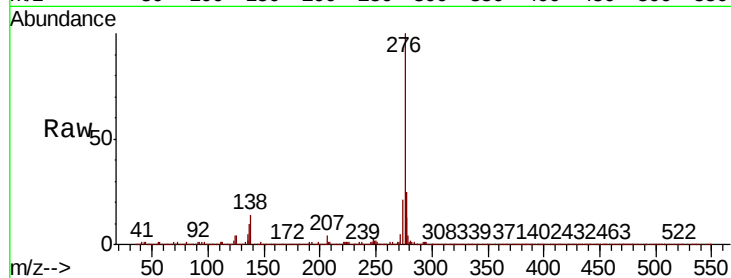
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.234 ng
RT: 22.73 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :
TP-37-S

Tot Ion	Ratio	Lower	Upper
276	100		
138	3.3	17.6	26.4#
277	5.2	20.2	30.4#

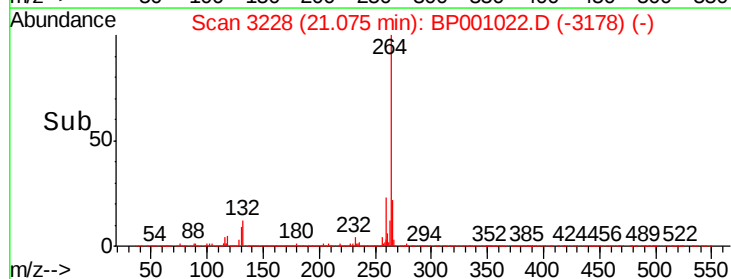
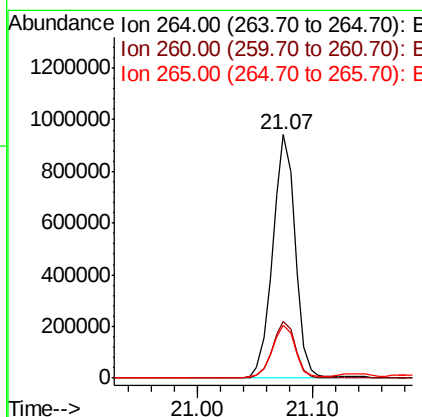
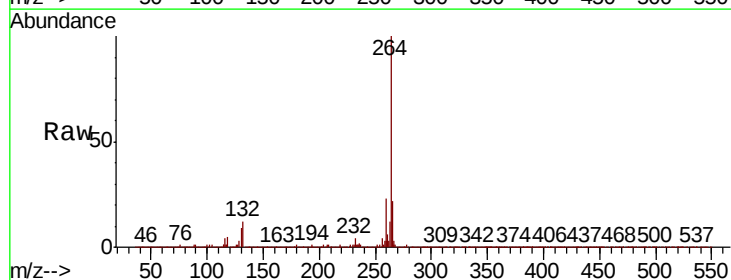
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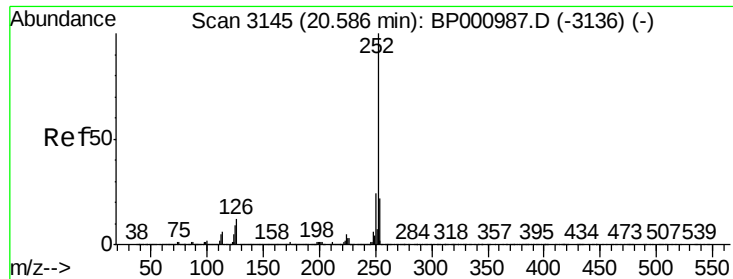
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.7	17.1	25.7





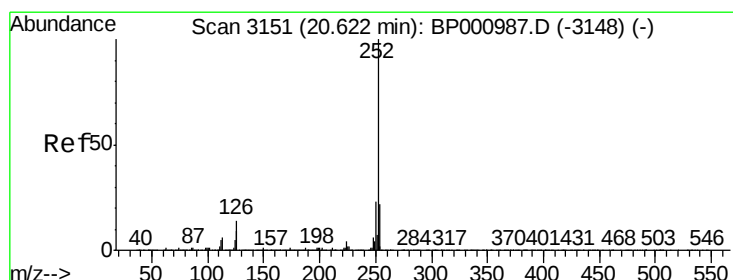
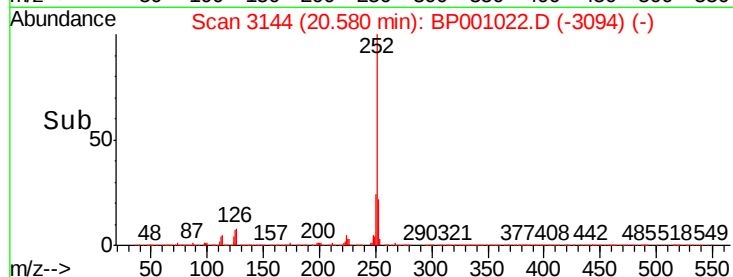
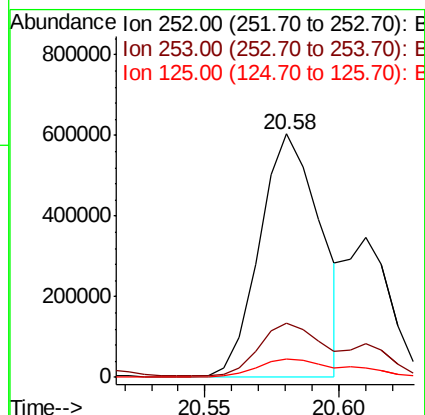
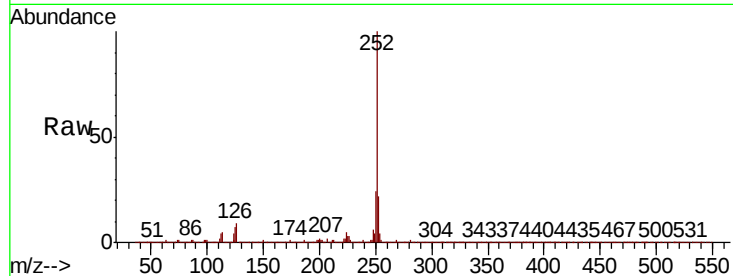
#88
Benzo(b)fluoranthene
Concen: 12.575 ng m
RT: 20.58 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :
TP-37-S

Tot Ion:	252	Resp:	956890
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	7.3	7.3	10.9

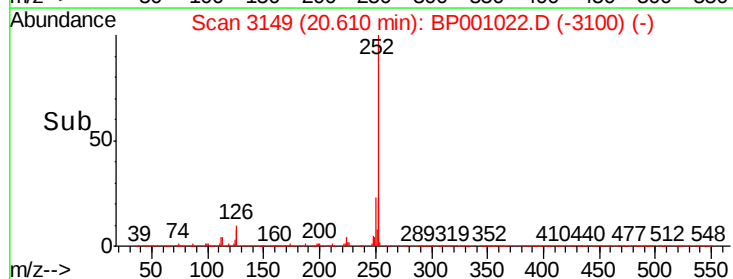
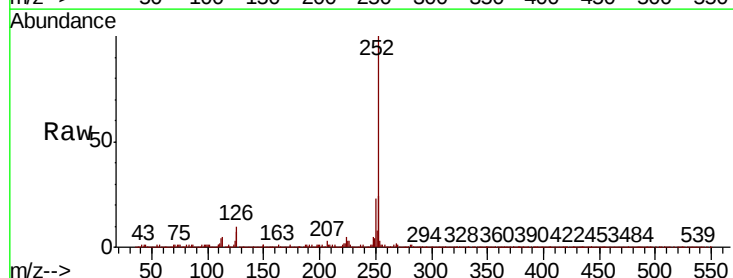
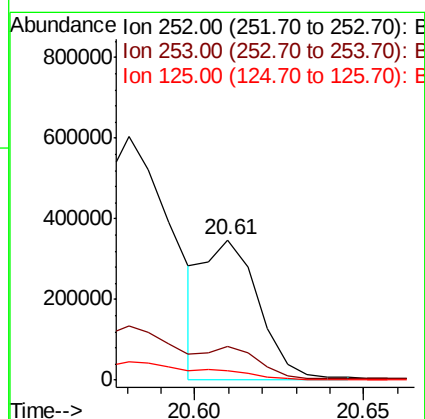
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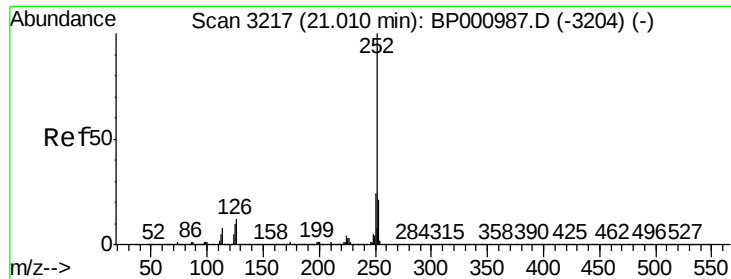
mohammad
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#89
Benzo(k)fluoranthene
Concen: 5.507 ng m
RT: 20.61 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:	252	Resp:	394467
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.7	26.5
125	7.0	7.3	10.9#





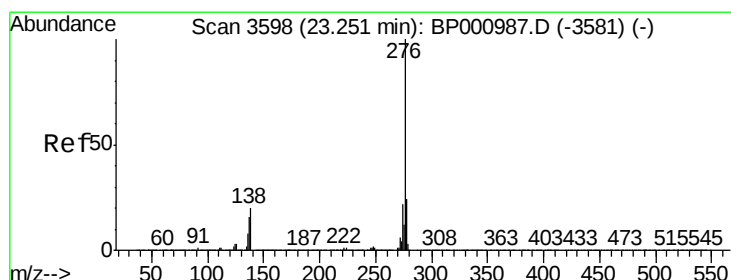
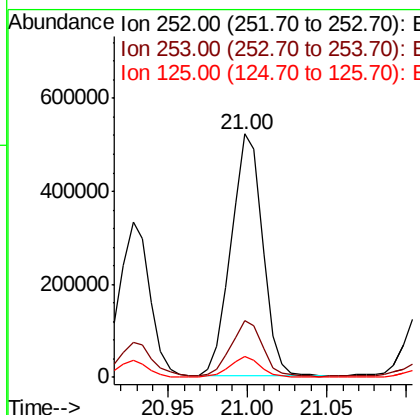
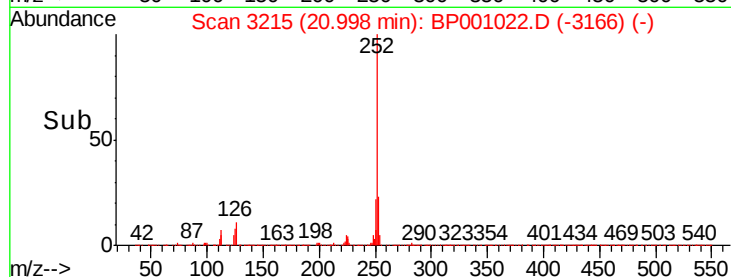
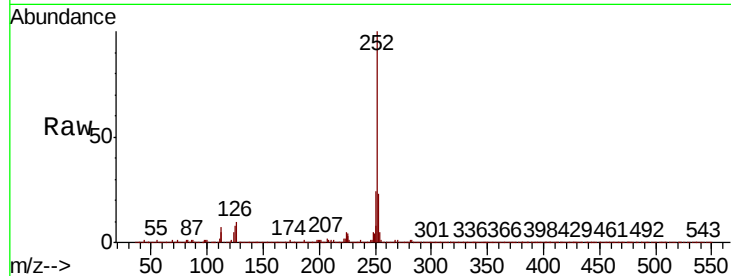
#90
Benzo(a)pyrene
Concen: 10.262 ng
RT: 21.00 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Instrument :
BNA_P
ClientSampleId :
TP-37-S

Tot Ion:	252	Resp:	718047
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.1	25.7
125	8.4	7.6	11.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.390 ng
RT: 23.23 min Scan# 3594
Delta R.T. -0.02 min
Lab File: BP001022.D
Acq: 11 Nov 2019 18:11

Tgt Ion:	276	Resp:	459518
Ion Ratio	Lower	Upper	
276	100		
277	24.8	19.0	28.4
138	15.1	15.7	23.5

