

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
 Data File : BP001321.D
 Acq On : 11 Dec 2019 19:58
 Operator : JU
 Sample : K6245-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BASEMENT-FLOOR

Manual Integrations
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 12/12/2019 11:34:18 AM

Quant Time: Dec 12 07:57:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	67002	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	227247	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	121915	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	213932	20.00	ng	-0.01
76) Chrysene-d12	19.26	240	160400	20.00	ng	0.00
87) Perylene-d12	21.03	264	174109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	241644	59.84	ng	0.00
7) Phenol-d6	7.76	99	475776	88.43	ng	0.00
23) Nitrobenzene-d5	9.19	82	368970	70.44	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	30485	26.09	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	614014	73.71	ng	-0.01
79) Terphenyl-d14	17.89	244	618272	71.31	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	12.79	163	24957	2.737	ng	100
71) Phenanthrene	15.63	178	236225	21.003	ng	100
72) Anthracene	15.71	178	52478	4.734	ng	97
73) Carbazole	15.96	167	29604	2.935	ng	# 86
75) Fluoranthene	17.36	202	544847	45.759	ng	99
78) Pyrene	17.66	202	447544	35.425	ng	98
81) Benzo(a)anthracene	19.25	228	216349	19.454	ng	98
83) Chrysene	19.29	228	216325m	21.722	ng	
84) Bis(2-ethylhexyl)phthalate	19.29	149	74561	9.294	ng	# 92
86) Indeno(1,2,3-cd)pyrene	22.66	276	50077	4.267	ng	94
88) Benzo(b)fluoranthene	20.55	252	174701m	16.428	ng	
89) Benzo(k)fluoranthene	20.57	252	57337m	5.598	ng	
90) Benzo(a)pyrene	20.95	252	89200	9.106	ng	# 90
92) Benzo(a,h,i)perylene	23.15	276	45219	4.777	ng	97

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

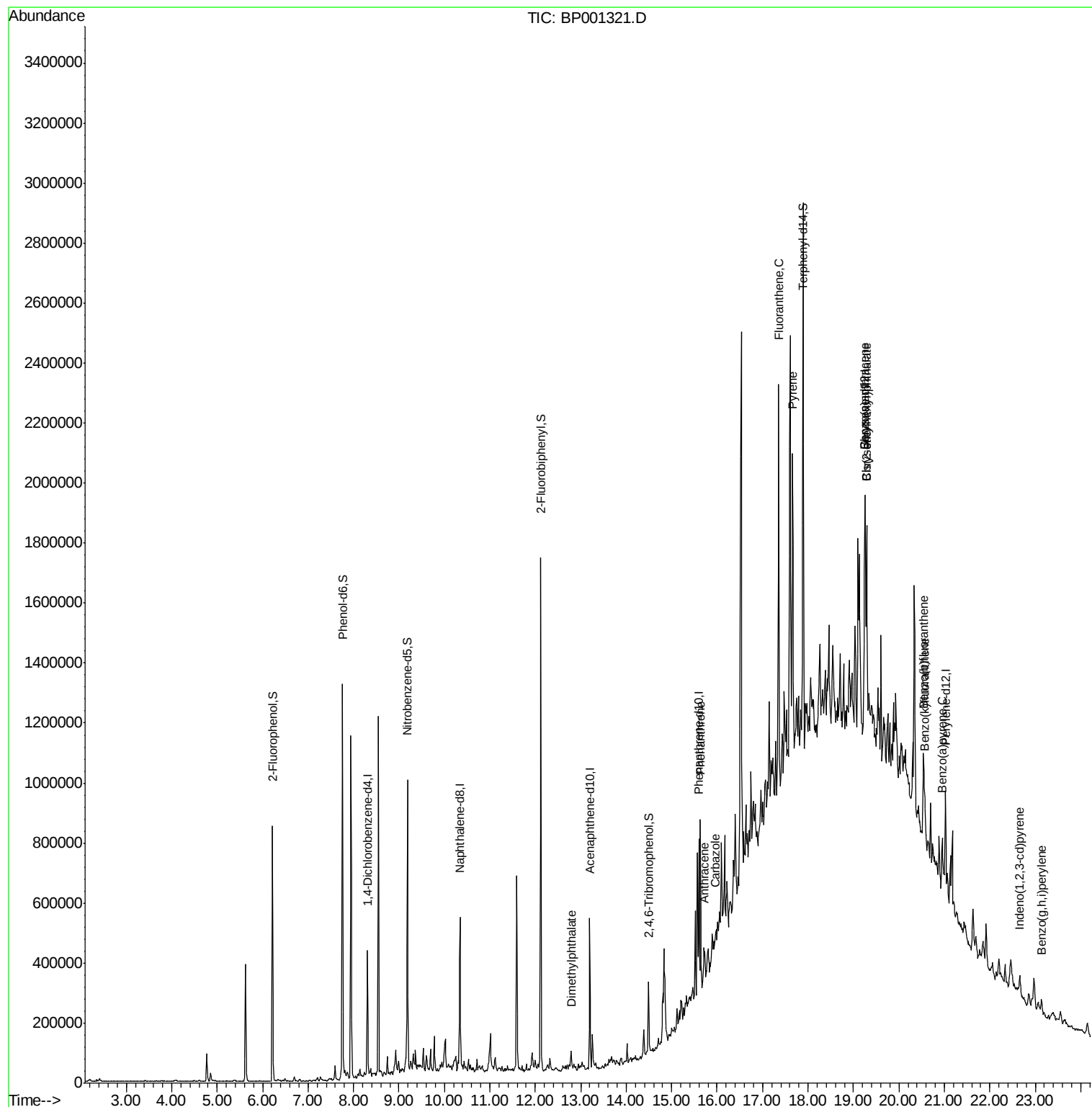
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
Data File : BP001321.D
Acq On : 11 Dec 2019 19:58
Operator : JU
Sample : K6245-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

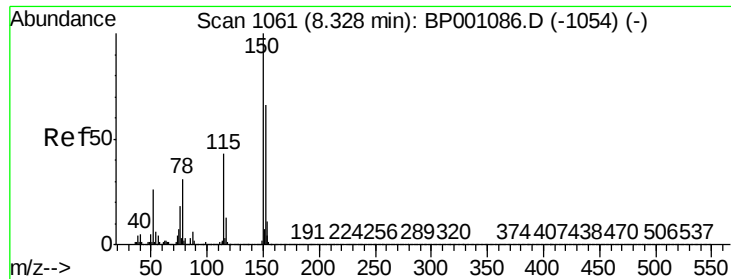
Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Quant Time: Dec 12 07:57:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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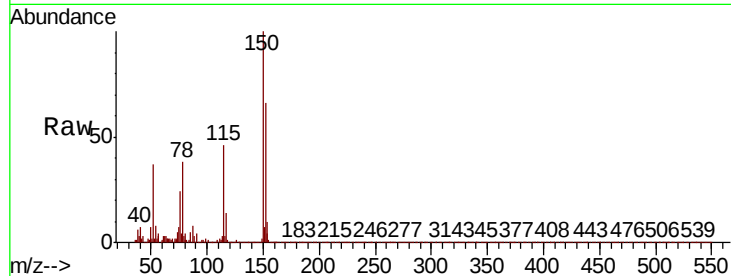
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	127.3	190.9
115	69.0	56.0	84.0

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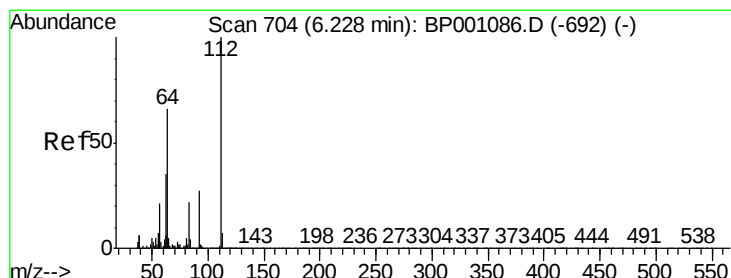
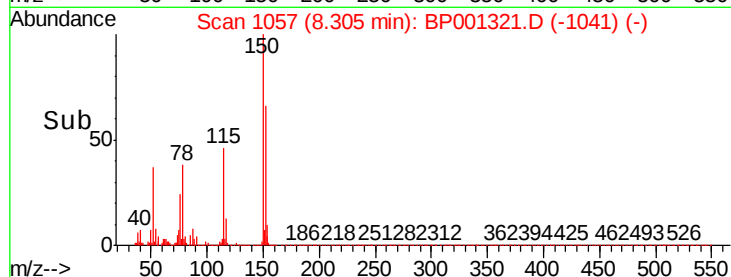
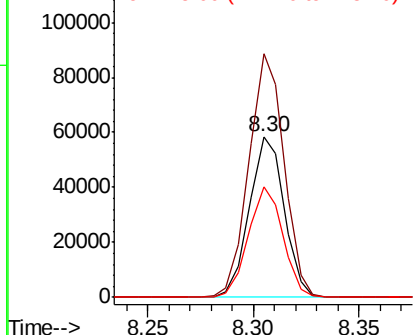


Abundance

Ion 152.00 (151.70 to 152.70): E

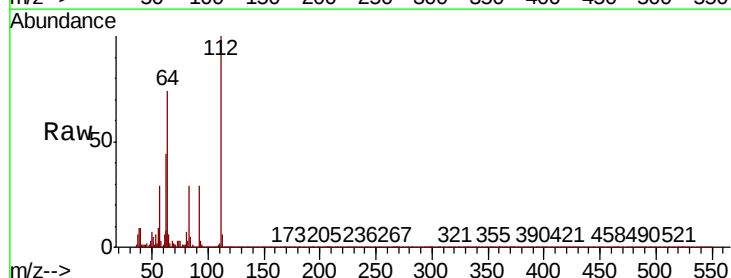
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
2-Fluorophenol
Concen: 59.835 ng
RT: 6.22 min Scan# 702
Delta R.T. 0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	56.8	85.2
63	43.9	32.2	48.2

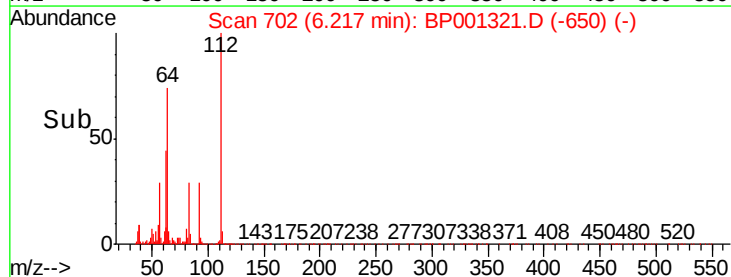
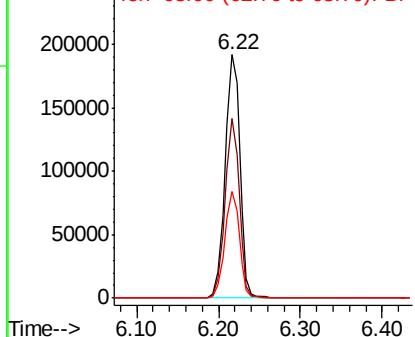


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 88.430 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_P

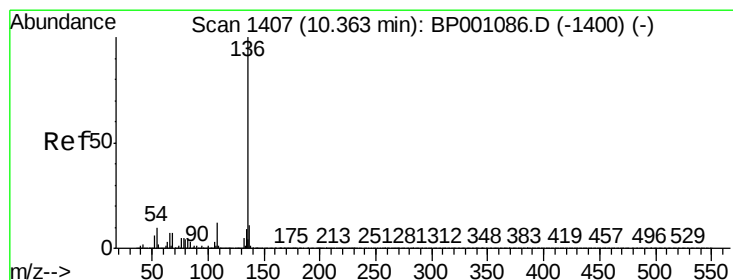
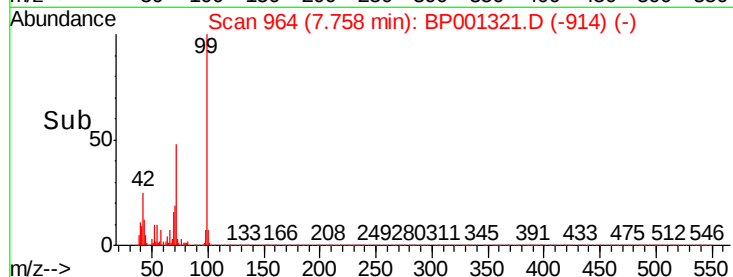
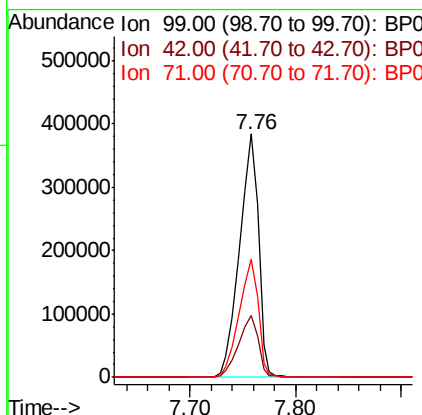
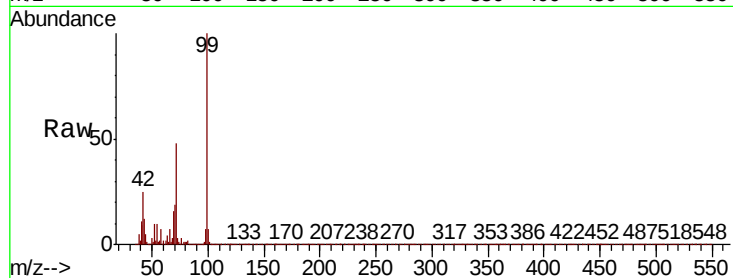
ClientSampleId :

BASEMENT-FLOOR

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		475776		
42	25.5	17.6	26.4		
71	48.3	33.8	50.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

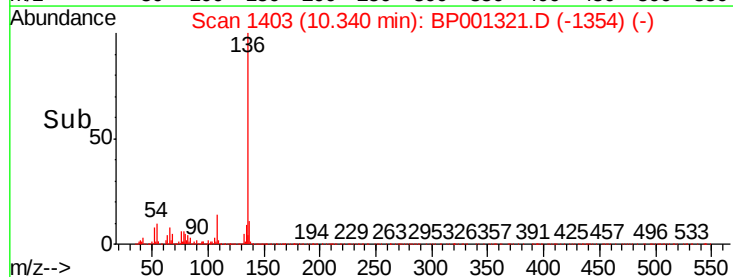
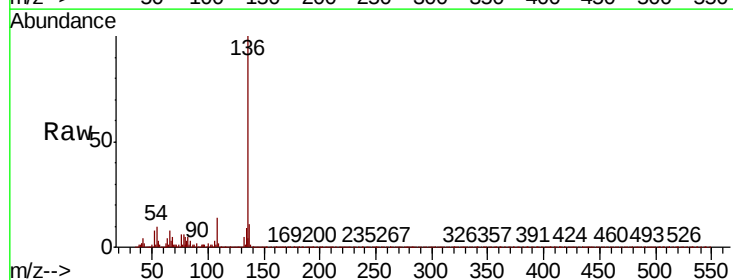
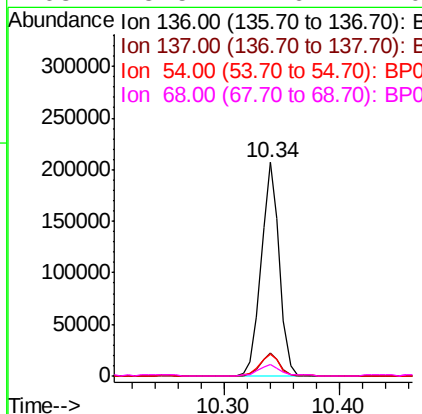
RT: 10.34 min Scan# 1403

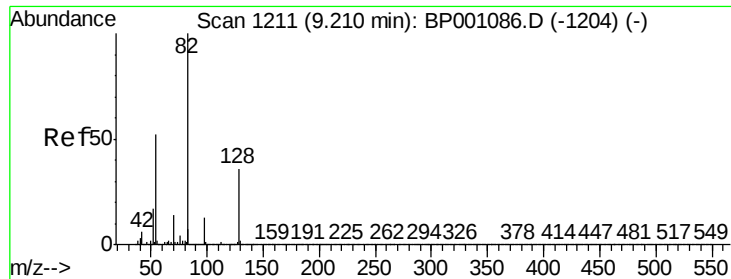
Delta R.T. -0.01 min

Lab File: BP001321.D

Acq: 11 Dec 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		227247		
137	10.9	8.4	12.6		
54	10.5	7.4	11.0		
68	5.5	4.6	7.0		





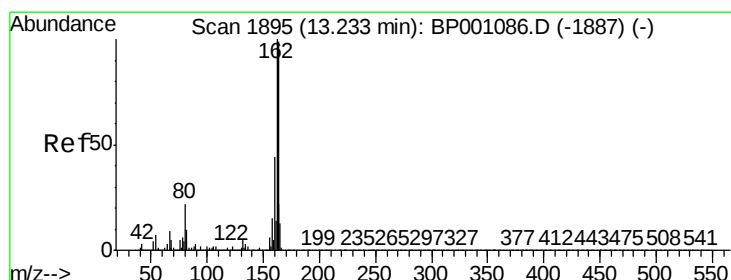
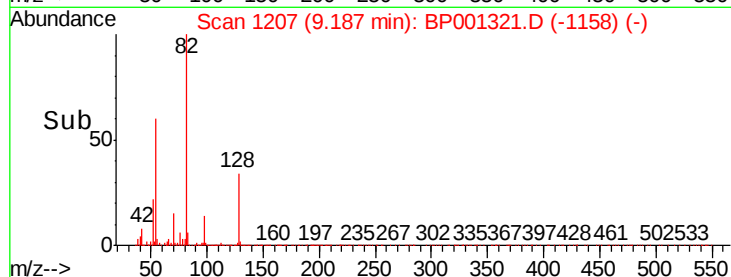
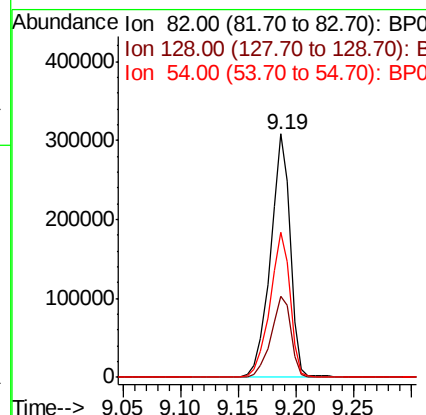
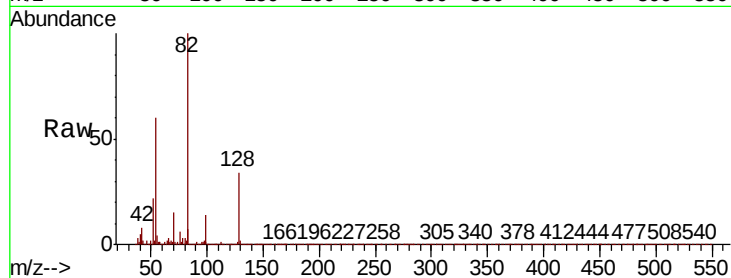
#23
Nitrobenzene-d5
Concen: 70.443 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	33.5	27.5	41.3
54	59.8	45.7	68.5

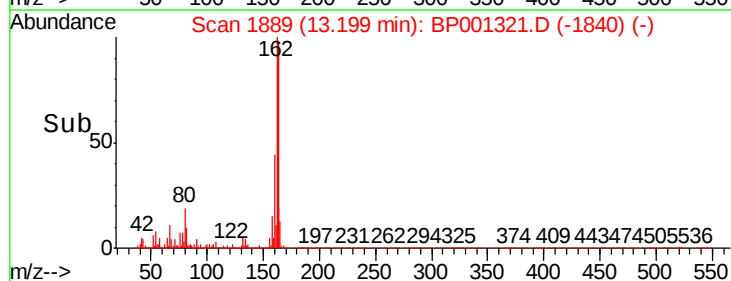
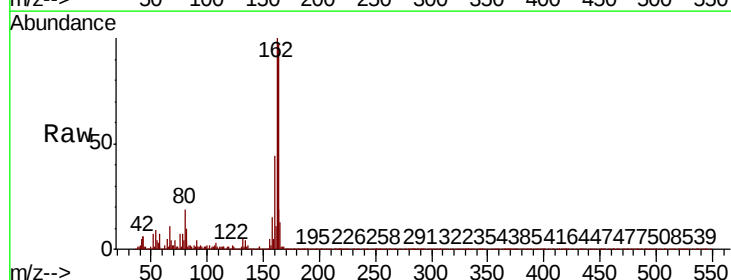
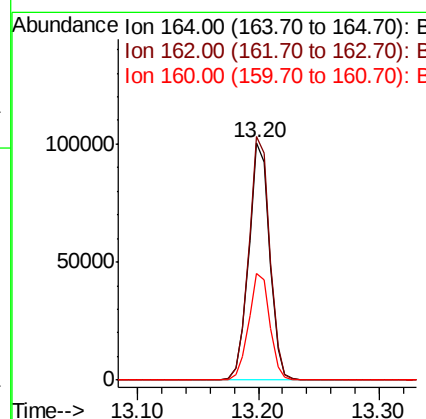
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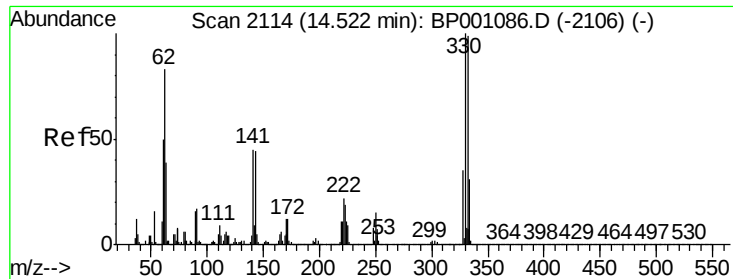
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.6	80.7	121.1
160	45.1	36.3	54.5





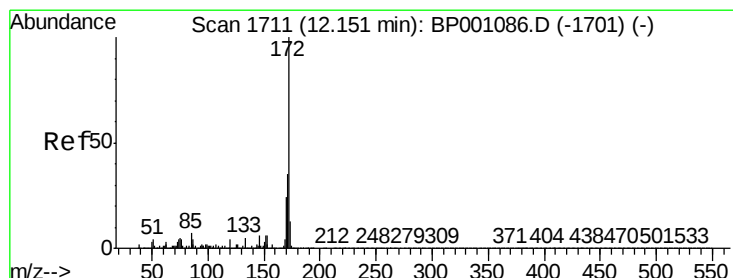
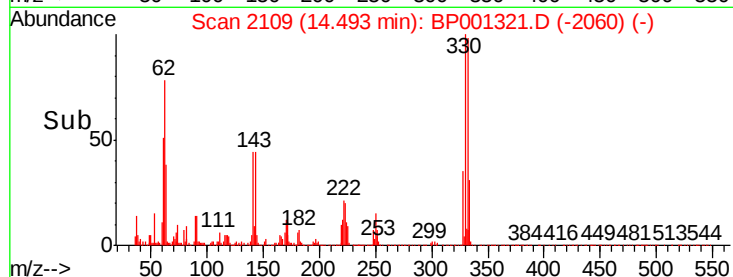
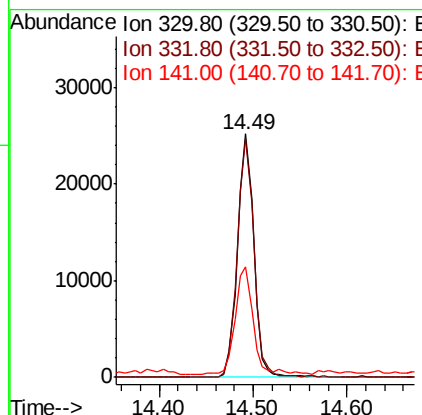
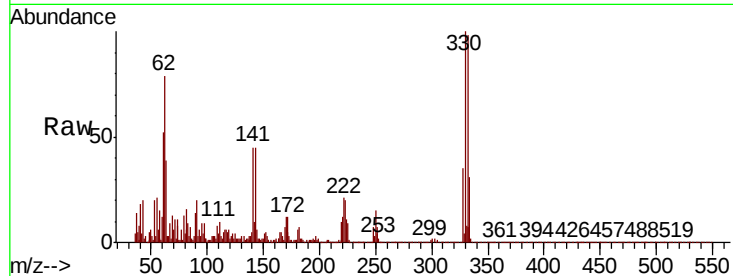
#42
2,4,6-Tribromophenol
Concen: 26.088 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	79.1	118.7
141	48.4	35.9	53.9

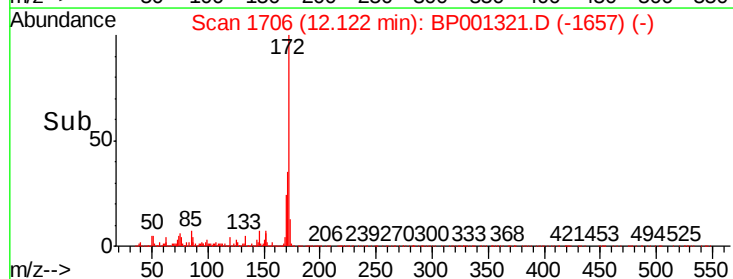
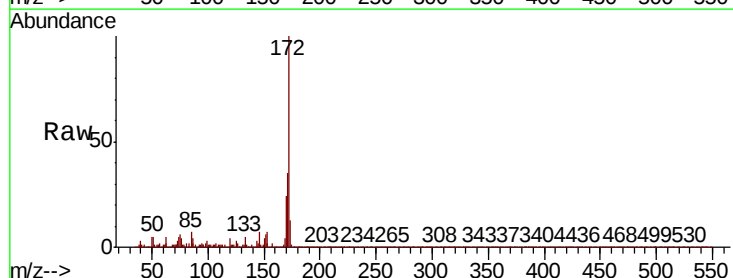
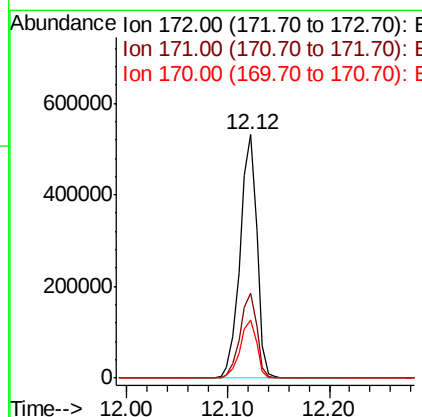
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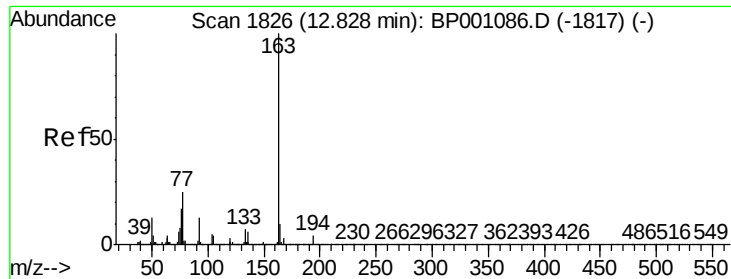
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#45
2-Fluorobiphenyl
Concen: 73.712 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.7	43.1
170	24.0	19.2	28.8





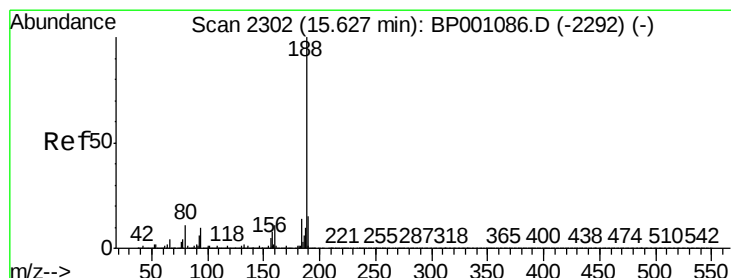
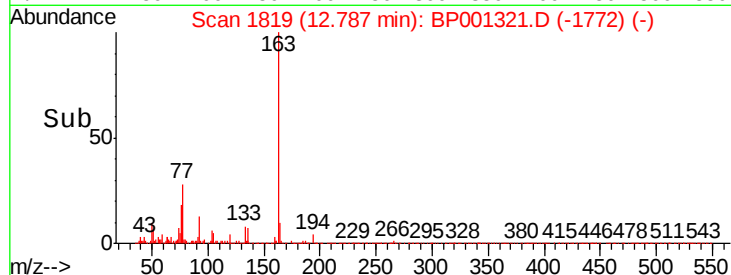
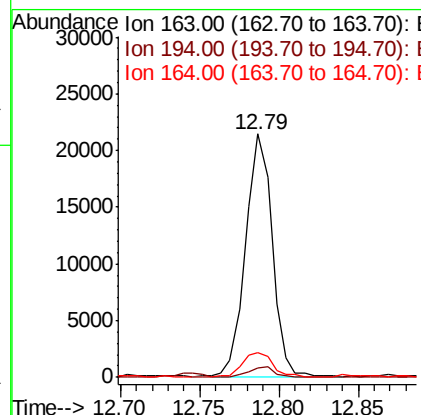
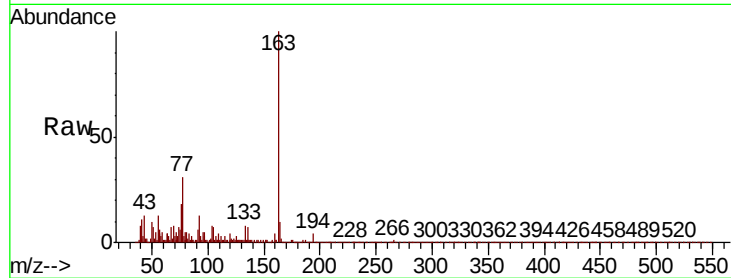
#50
Dimethylphthalate
Concen: 2.737 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Tot Ion:	163	Resp:	24957
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.1	8.2	12.4

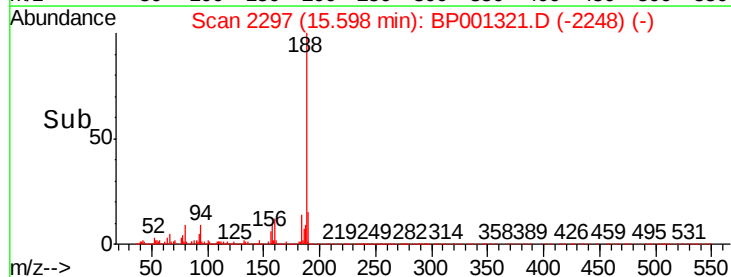
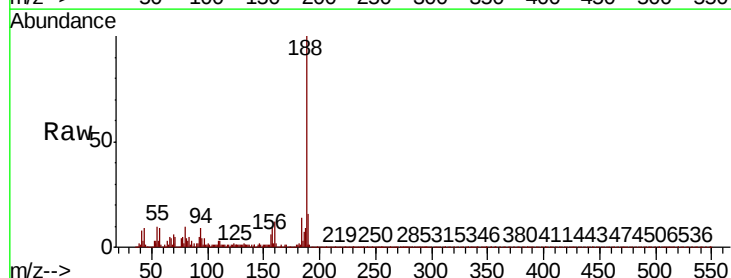
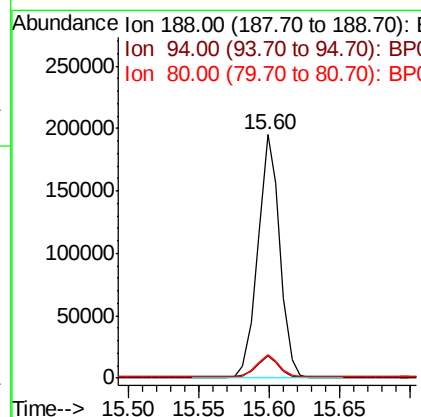
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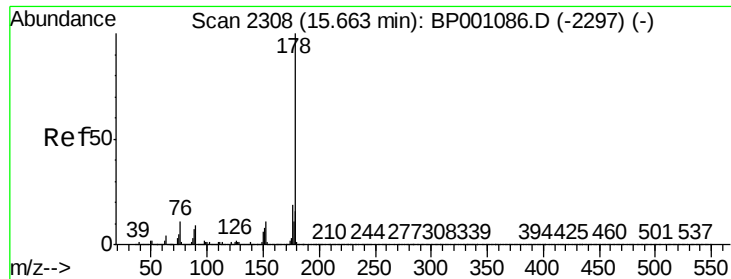
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion:	188	Resp:	213932
Ion Ratio	Lower	Upper	
188	100		
94	9.1	7.1	10.7
80	9.7	7.8	11.6





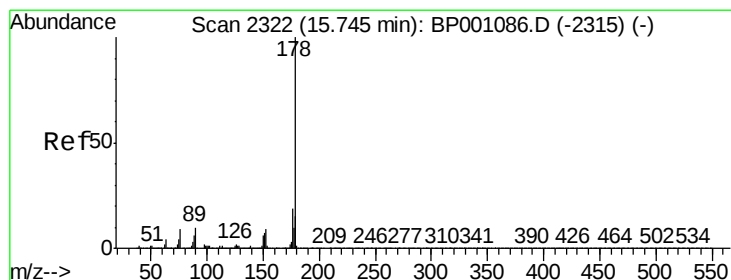
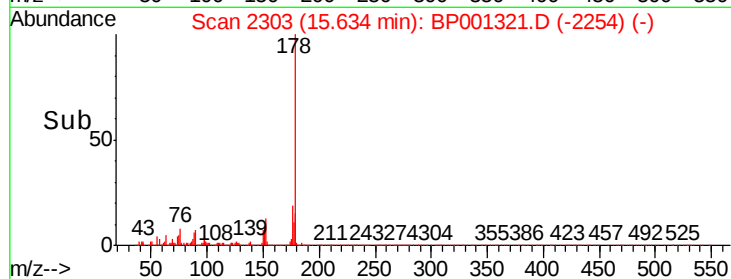
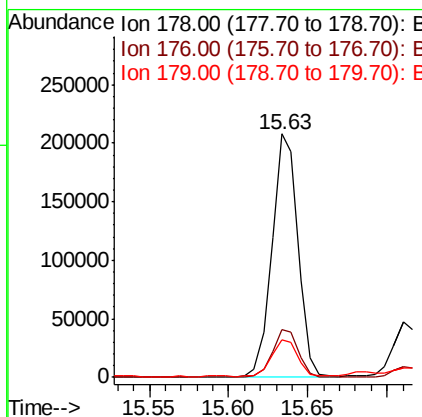
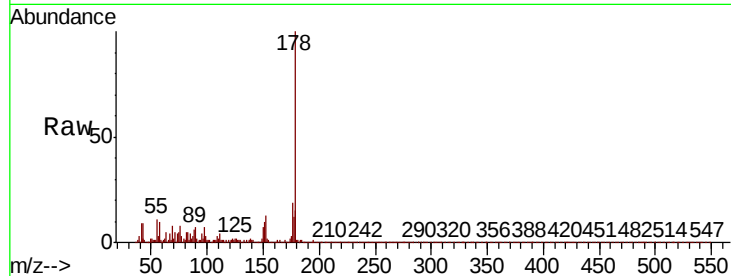
#71
Phenanthrene
Concen: 21.003 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.4	12.4	18.6

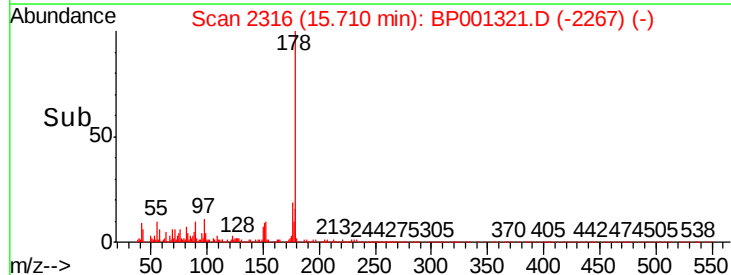
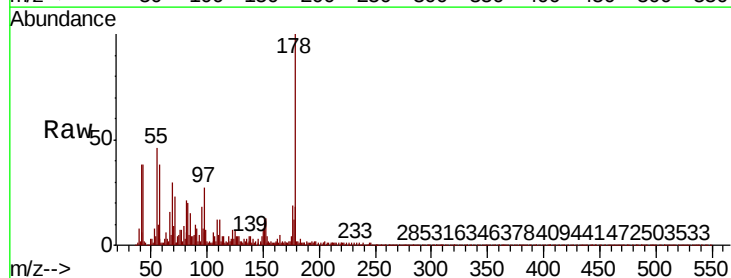
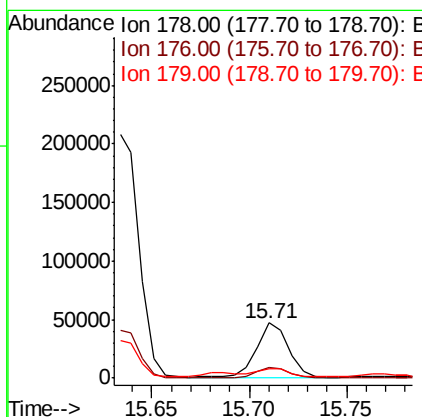
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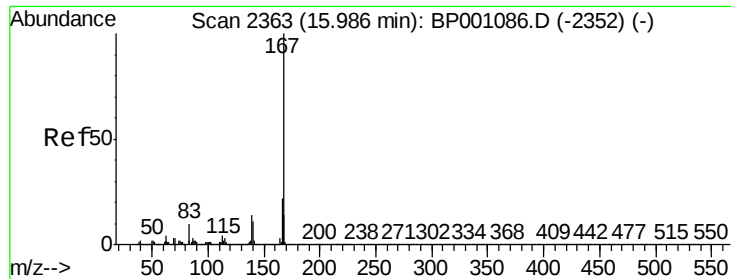
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#72
Anthracene
Concen: 4.734 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	17.8	12.7	19.1





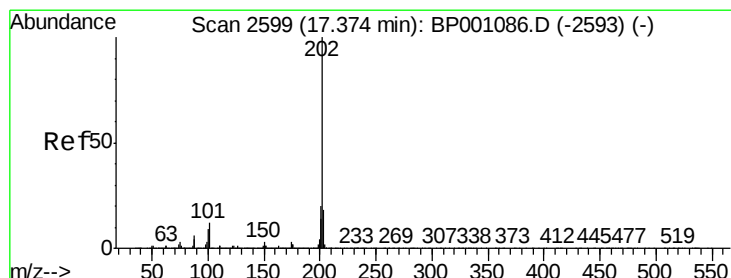
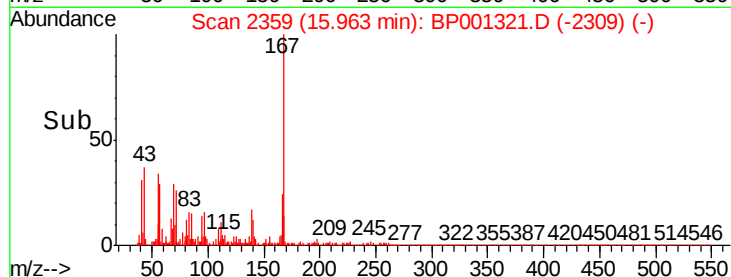
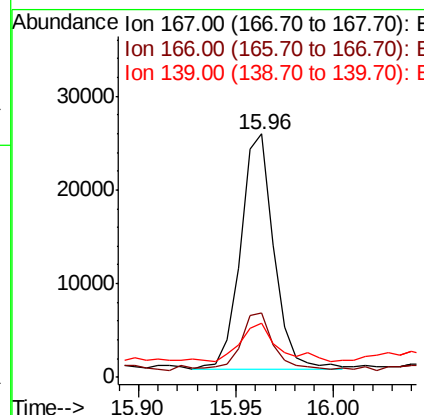
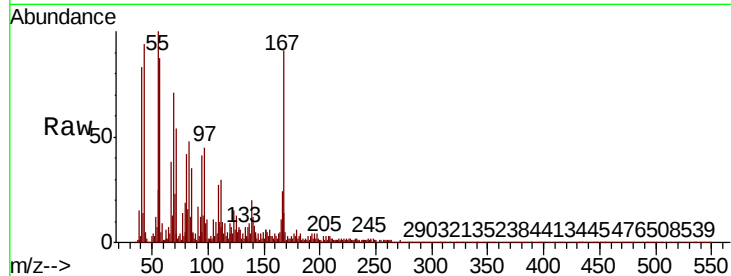
#73
 Carbazole
 Concen: 2.935 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BP001321.D
 Acq: 11 Dec 2019 19:58

Instrument :
 BNA_P
 ClientSampleId :
 BASEMENT-FLOOR

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.3	17.4	26.0#
139	22.3	11.4	17.0#

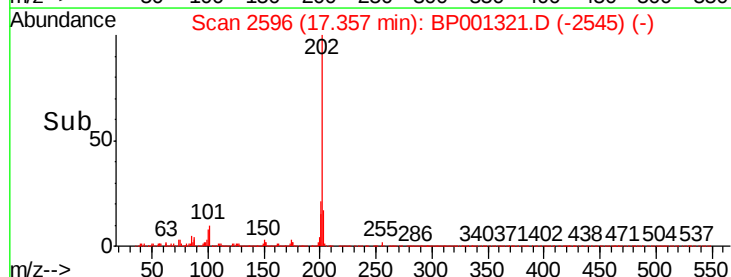
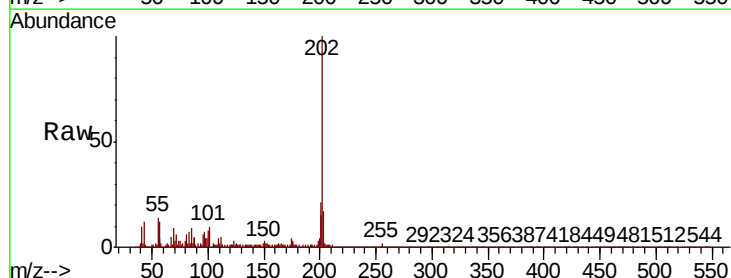
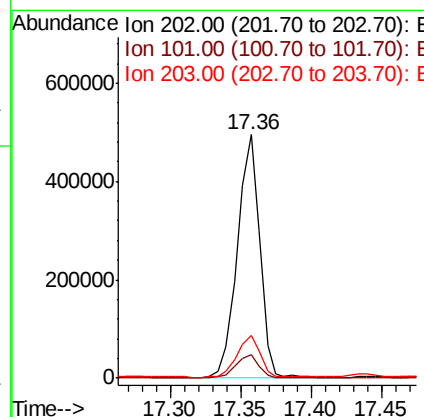
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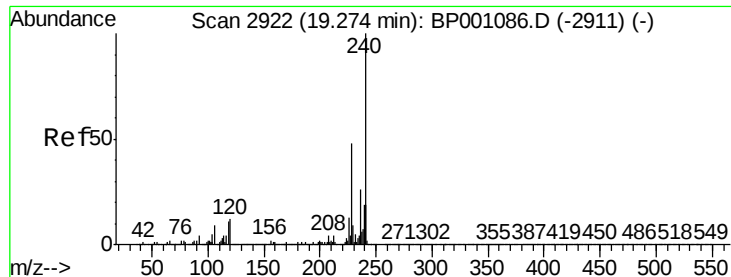
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#75
 Fluoranthene
 Concen: 45.759 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BP001321.D
 Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.0
203	17.3	0.0	37.1





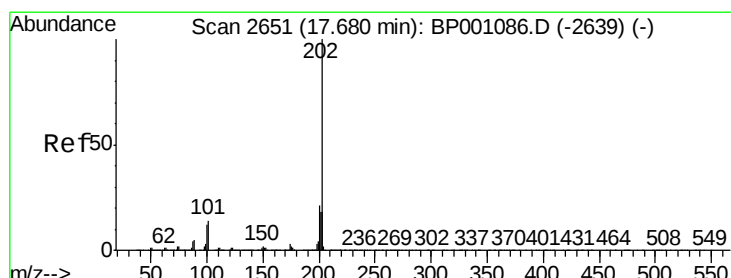
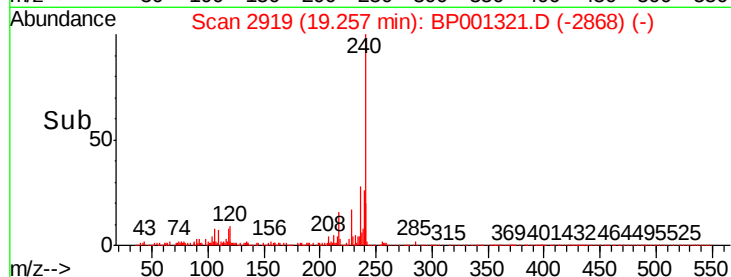
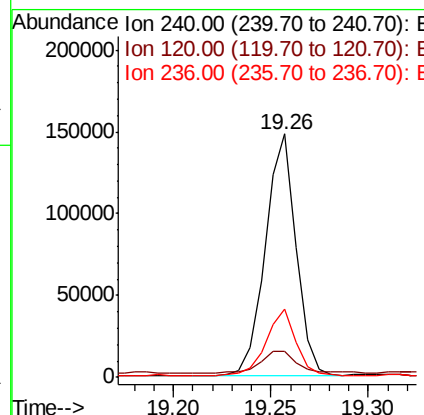
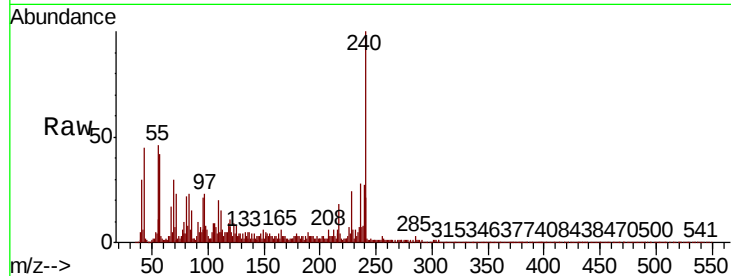
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.26 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.0	10.6#
236	28.2	21.7	32.5

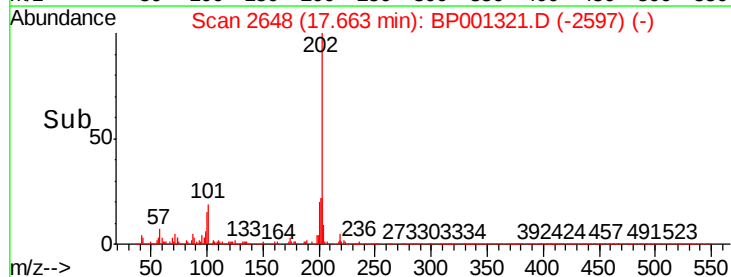
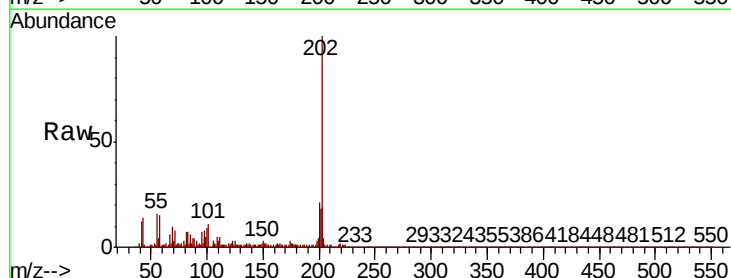
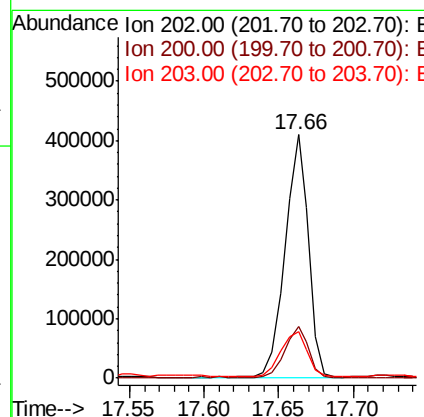
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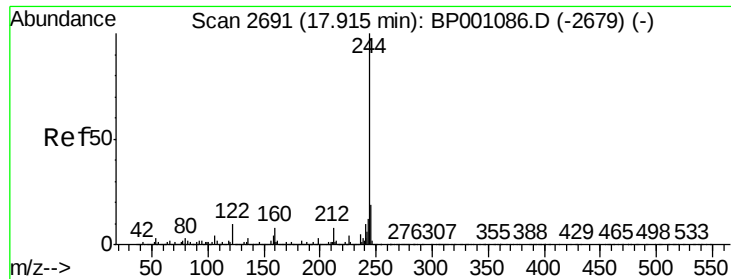
mohammad
12/12/2019 11:34:18 AM



#78
Pyrene
Concen: 35.425 ng
RT: 17.66 min Scan# 2648
Delta R.T. 0.00 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.3	25.9
203	19.2	13.8	20.8





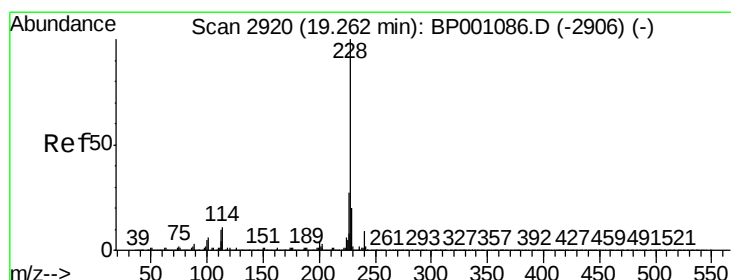
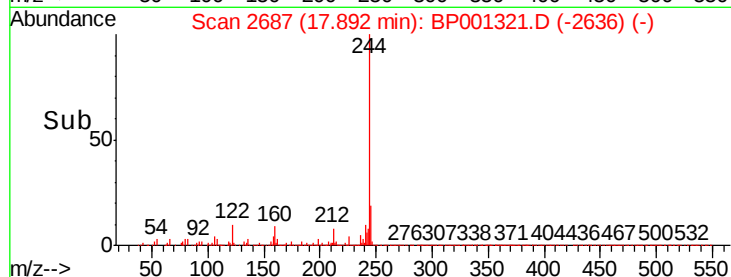
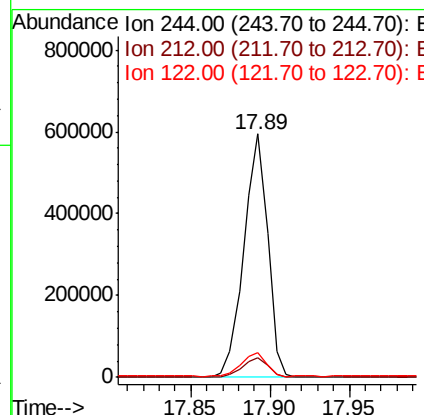
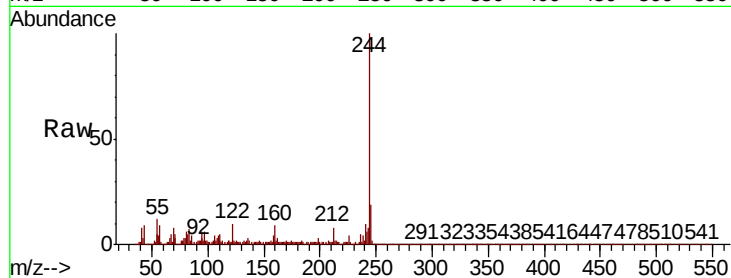
#79
 Terphenyl-d14
 Concen: 71.313 ng
 RT: 17.89 min Scan# 2687
 Delta R.T. 0.00 min
 Lab File: BP001321.D
 Acq: 11 Dec 2019 19:58

Instrument :
 BNA_P
 ClientSampleId :
 BASEMENT-FLOOR

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	10.3	9.2	13.8

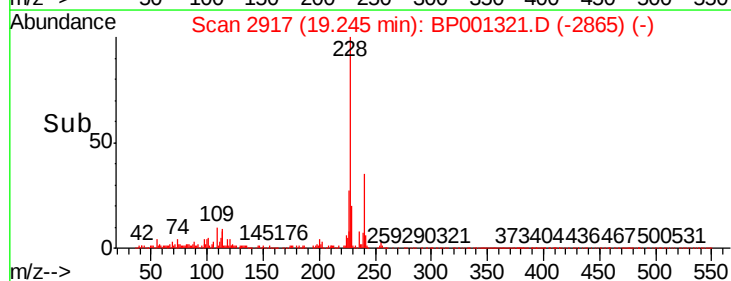
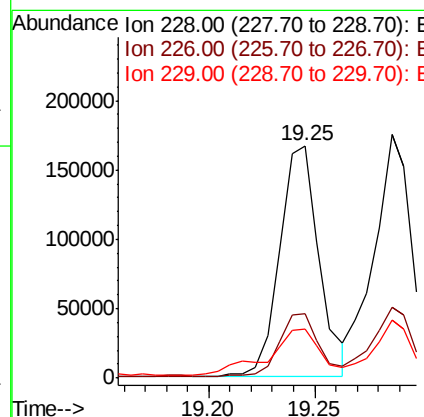
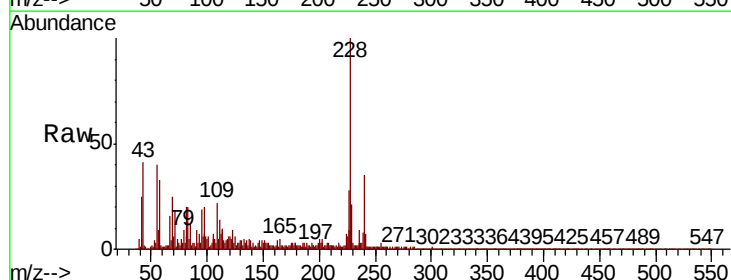
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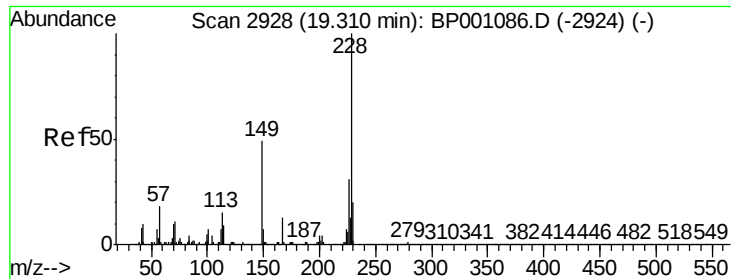
mohammad
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#81
 Benzo(a)anthracene
 Concen: 19.454 ng
 RT: 19.25 min Scan# 2917
 Delta R.T. 0.01 min
 Lab File: BP001321.D
 Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	21.1	15.8	23.6





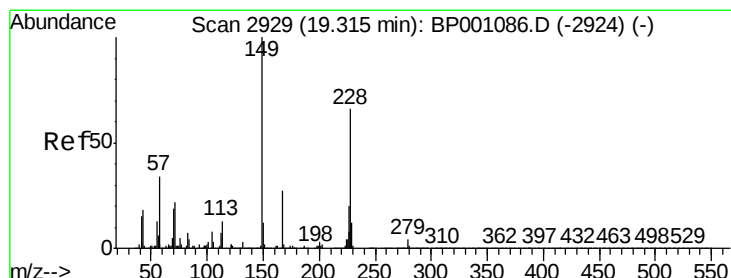
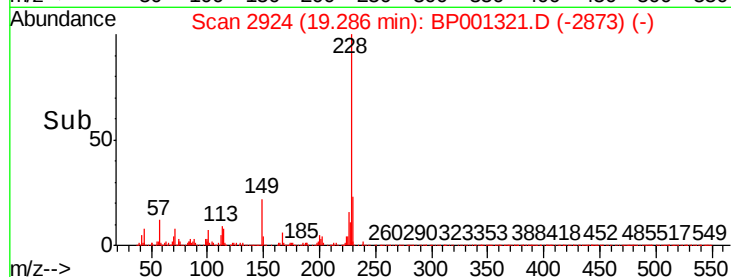
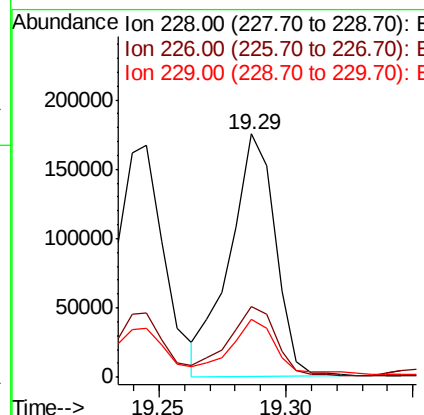
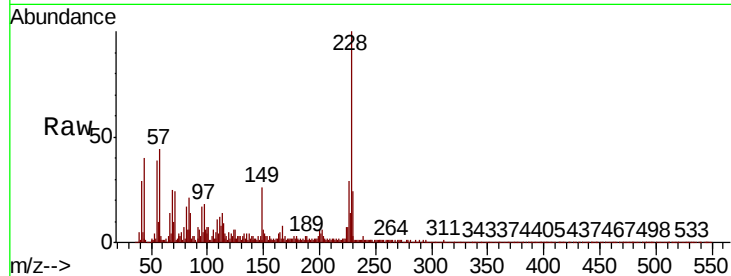
#83
Chrysene
Concen: 21.722 ng m
RT: 19.29 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	23.8	15.2	22.8

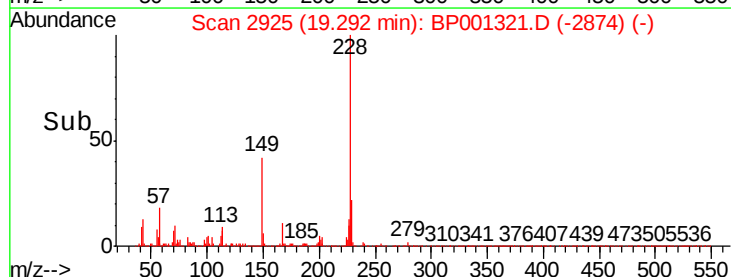
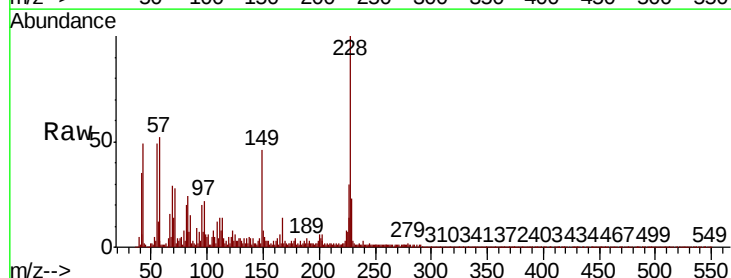
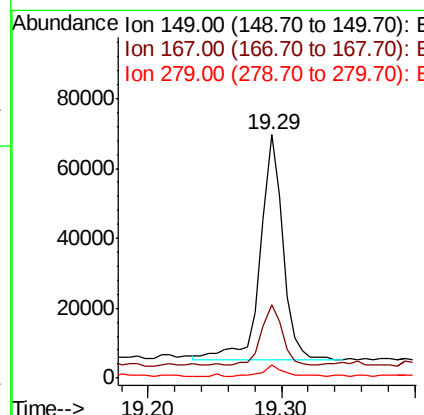
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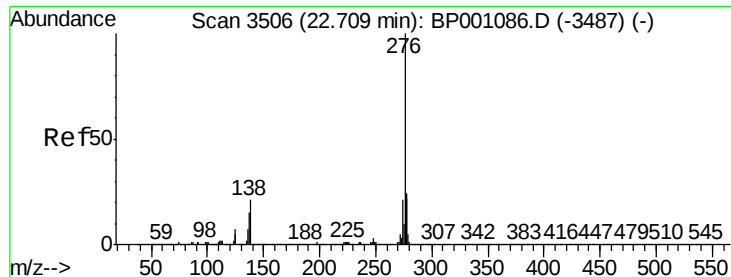
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 9.294 ng
RT: 19.29 min Scan# 2925
Delta R.T. 0.00 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	20.8	31.2
279	5.2	2.8	4.2





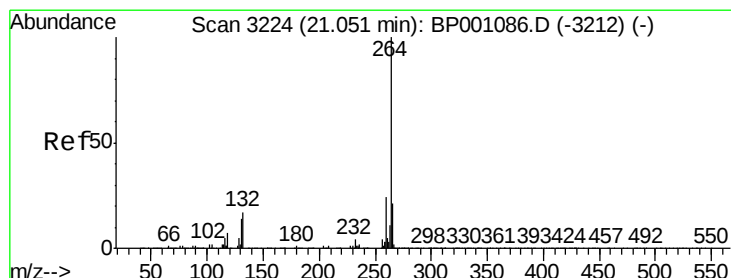
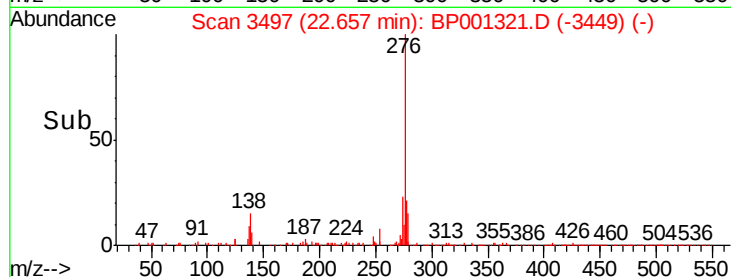
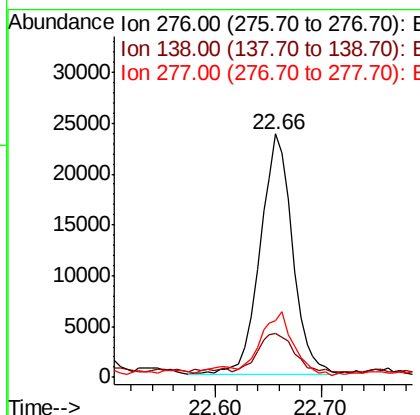
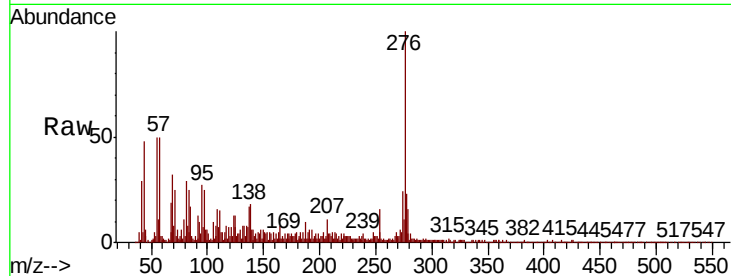
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.267 ng
RT: 22.66 min Scan# 3497
Delta R.T. -0.02 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	17.9	26.9
277	26.5	20.1	30.1

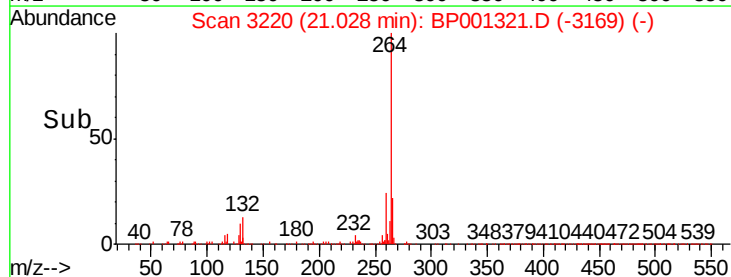
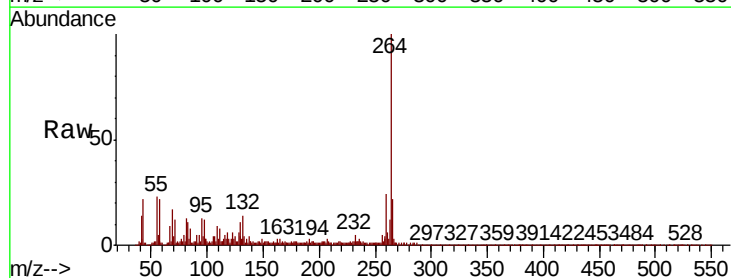
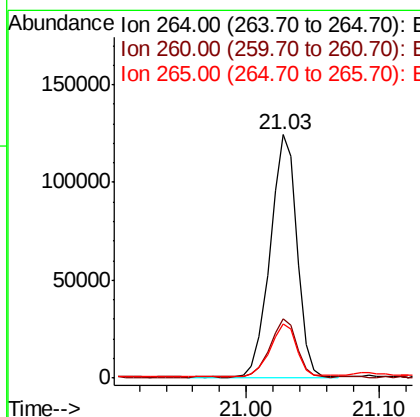
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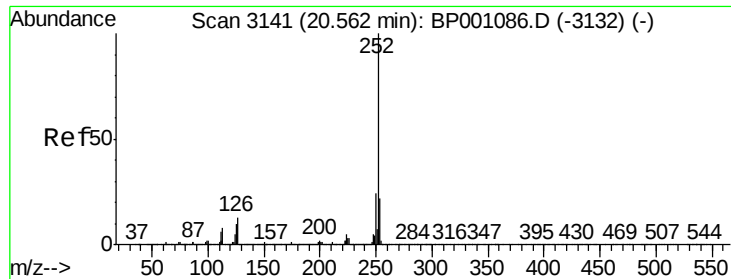
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. 0.00 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	22.4	17.1	25.7





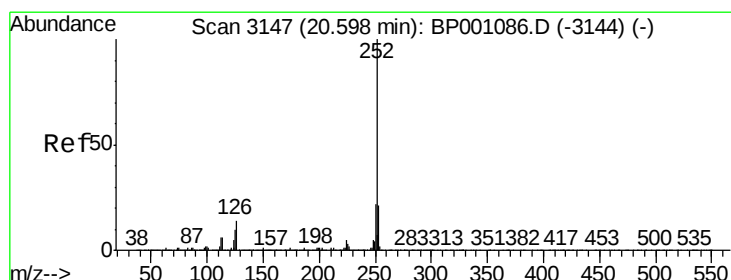
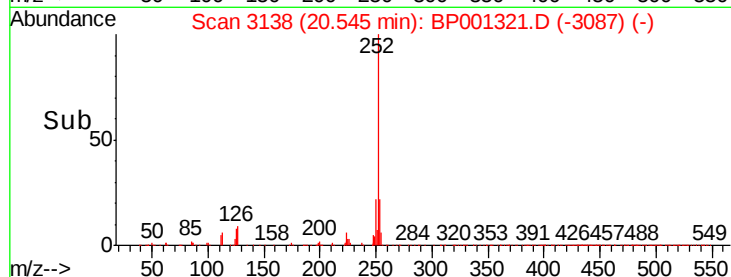
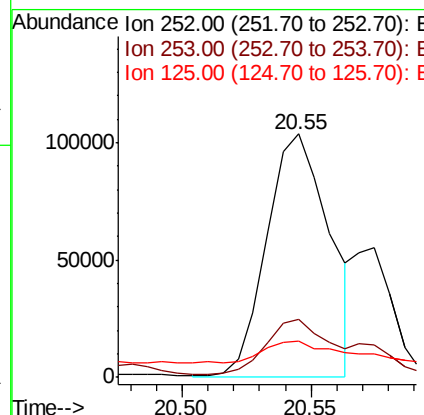
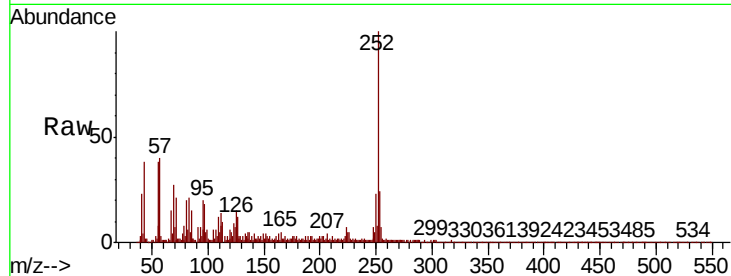
#88
Benzo(b)fluoranthene
Concen: 16.428 ng m
RT: 20.55 min Scan# 3138
Delta R.T. 0.00 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	15.1	6.6	9.8#

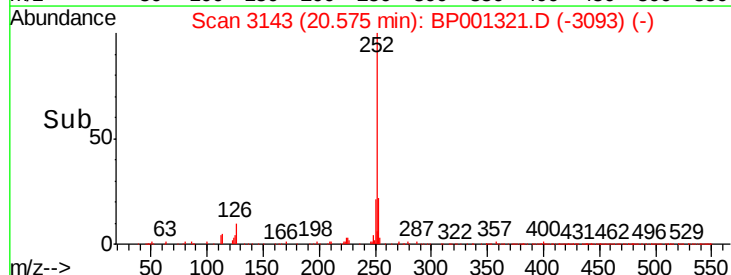
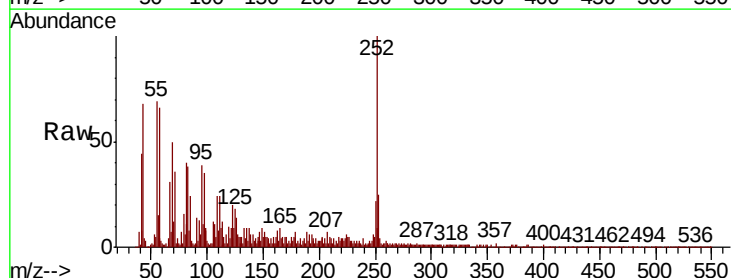
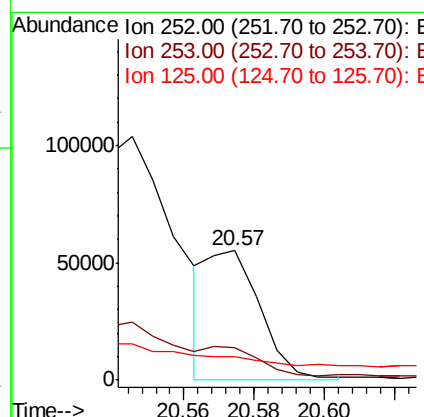
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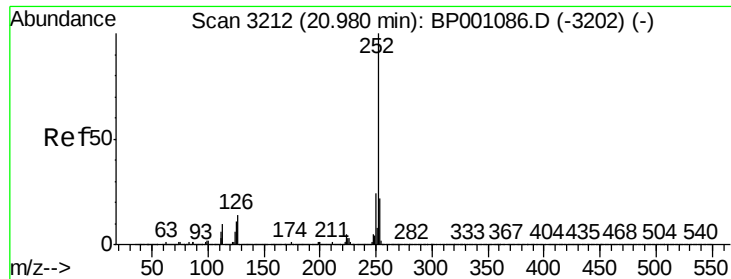
mohammad
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#89
Benzo(k)fluoranthene
Concen: 5.598 ng m
RT: 20.57 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	18.2	6.2	9.4#





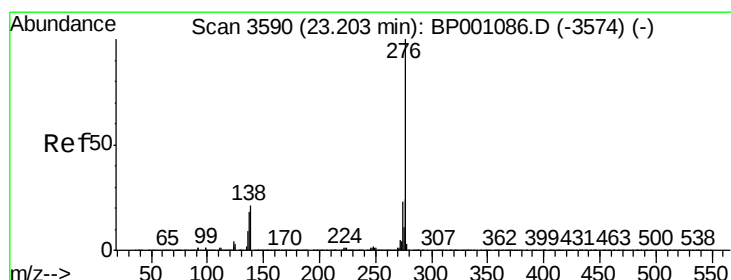
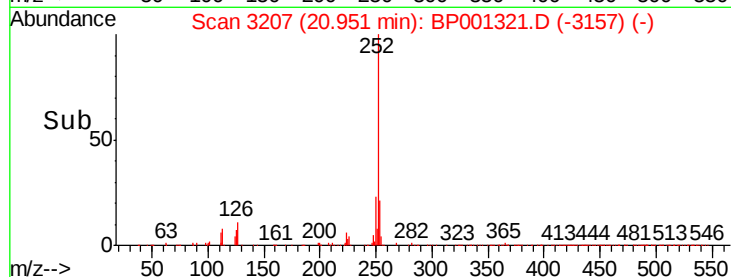
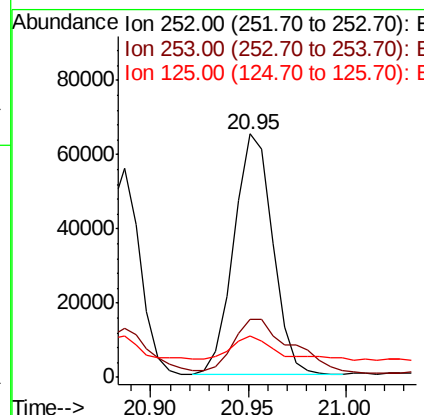
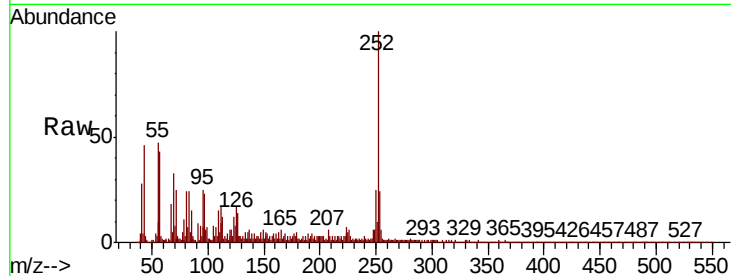
#90
Benzo(a)pyrene
Concen: 9.106 ng
RT: 20.95 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Instrument :
BNA_P
ClientSampleId :
BASEMENT-FLOOR

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.8	25.2
125	17.2	7.8	11.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.777 ng
RT: 23.15 min Scan# 3580
Delta R.T. -0.02 min
Lab File: BP001321.D
Acq: 11 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	18.2	15.6	23.4

