

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
 Data File : BP001512.D
 Acq On : 03 Jan 2020 17:50
 Operator : JU
 Sample : K6471-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B8

Manual Integrations
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mohammad
 1/6/2020 11:42:38 AM

Quant Time: Jan 04 03:12:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 15:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	67961	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	240363	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	143847	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	294580	20.00	ng	0.00
76) Chrysene-d12	21.20	240	263992	20.00	ng	0.00
87) Perylene-d12	23.46	264	300728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	332710	82.25	ng	0.05
7) Phenol-d6	6.94	99	455250	83.55	ng	0.07
23) Nitrobenzene-d5	8.86	82	289487	59.49	ng	0.02
42) 2,4,6-Tribromophenol	15.85	330	124942	76.74	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	520844	53.24	ng	0.00
79) Terphenyl-d14	19.69	244	654133	49.38	ng	0.00
Target Compounds						
10) Phenol	6.96	94	15898	2.774	ng	94
50) Dimethylphthalate	13.84	163	55910	4.972	ng	100
71) Phenanthrene	17.15	178	140795	8.812	ng	99
72) Anthracene	17.23	178	33116	2.091	ng	97
75) Fluoranthene	19.12	202	269704	13.944	ng	96
78) Pyrene	19.47	202	266994	13.937	ng	100
81) Benzo(a)anthracene	21.19	228	138974	7.503	ng	97
83) Chrysene	21.24	228	122049	6.872	ng	96
86) Indeno(1,2,3-cd)pyrene	25.75	276	82850	3.833	ng	99
88) Benzo(b)fluoranthene	22.79	252	160065	8.596	ng	# 89
89) Benzo(k)fluoranthene	22.83	252	51098m	2.865	ng	
90) Benzo(a)pyrene	23.36	252	125768	7.216	ng	# 85
92) Benzo(a,h,i)perylene	26.44	276	86232	4.991	ng	# 95

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

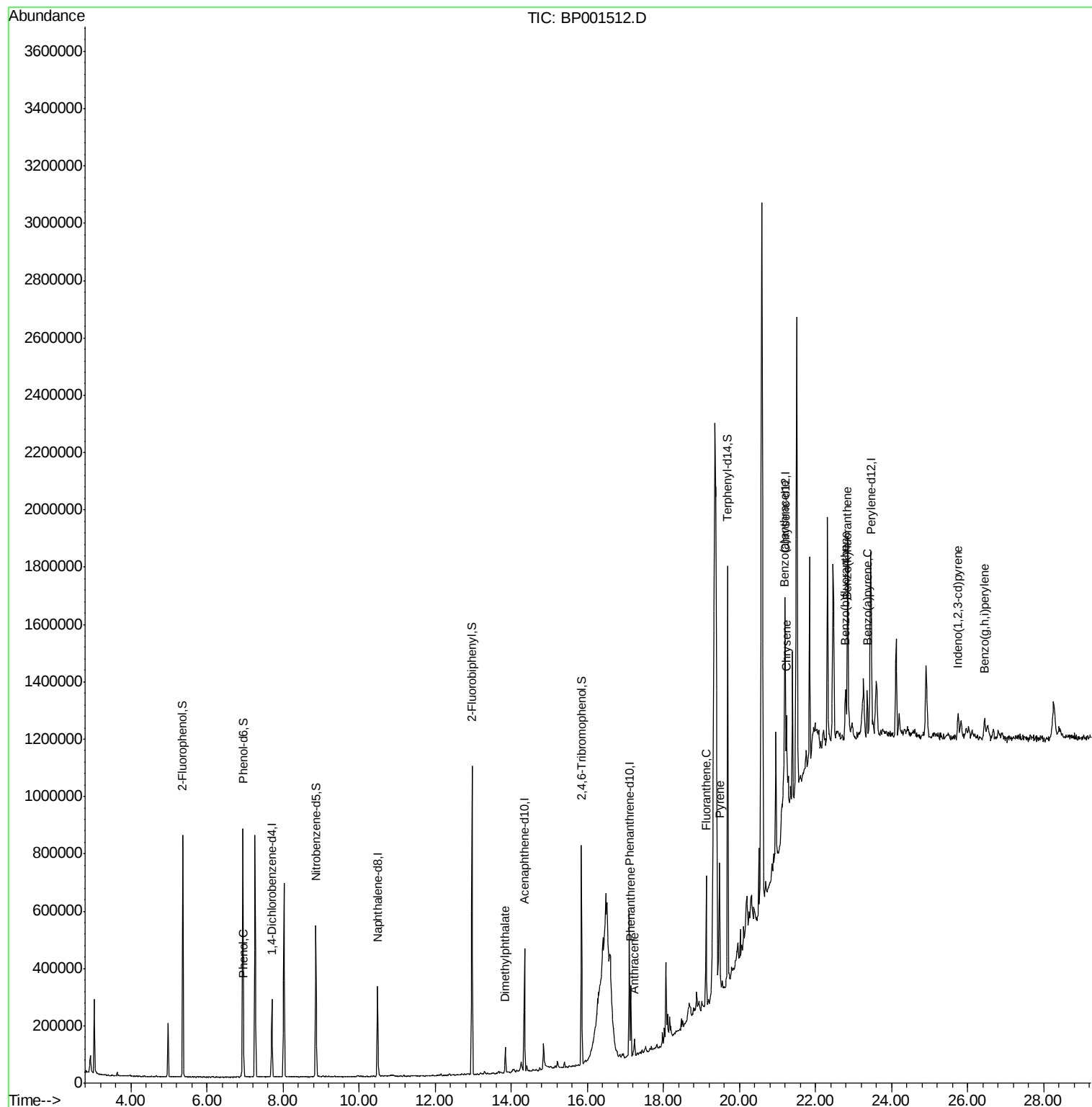
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
Data File : BP001512.D
Acq On : 03 Jan 2020 17:50
Operator : JU
Sample : K6471-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

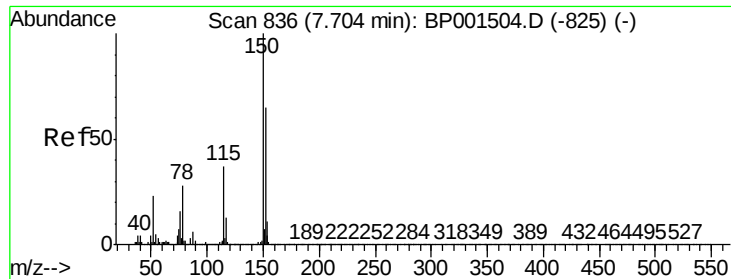
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B8

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
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#1

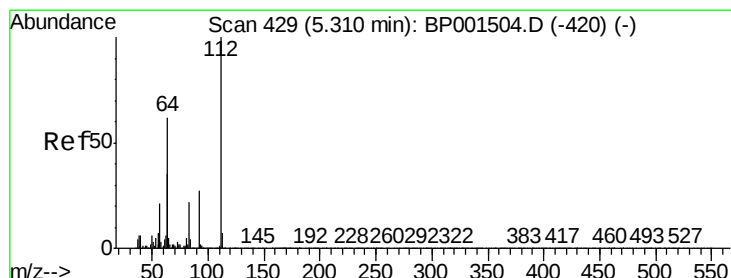
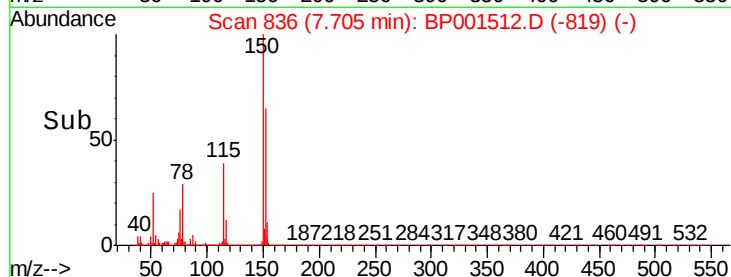
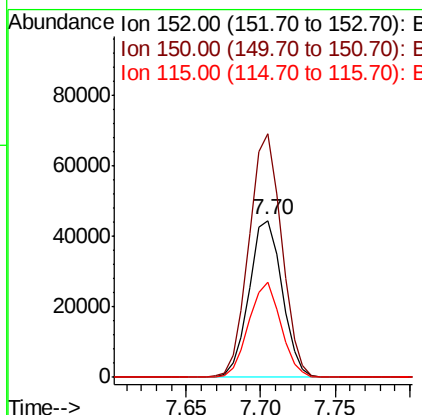
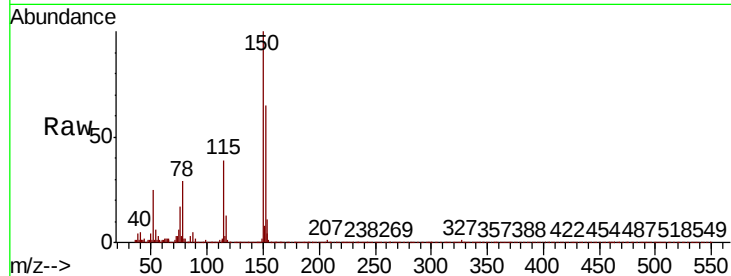
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 836
Delta R.T. 0.00 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B8

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.6	185.4
115	60.7	45.8	68.6

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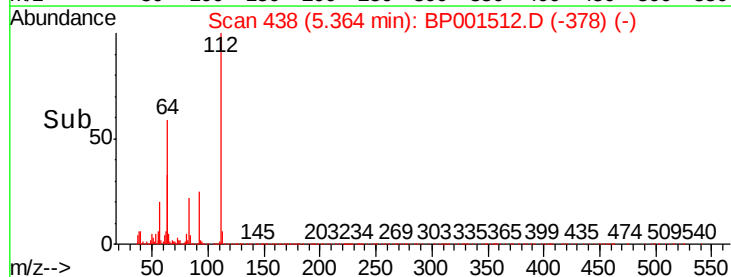
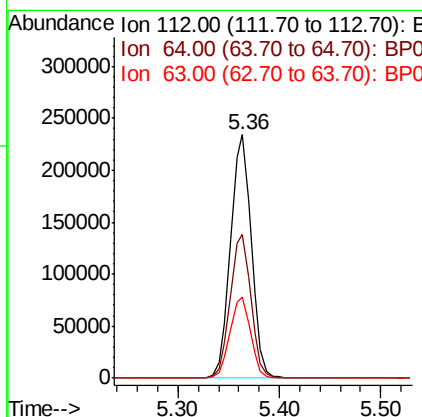
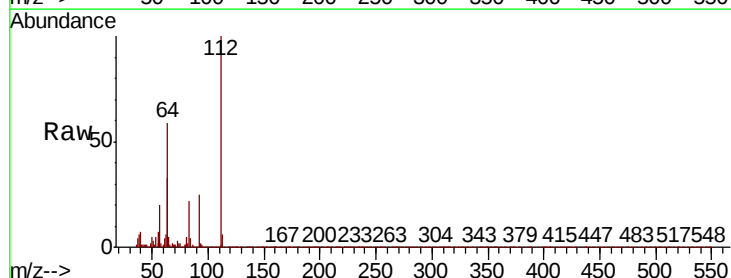
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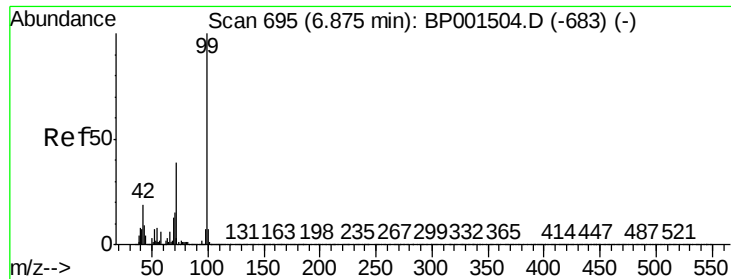


#5

2-Fluorophenol
Concen: 82.247 ng
RT: 5.36 min Scan# 438
Delta R.T. 0.05 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	49.7	74.5
63	33.1	28.1	42.1





#7

Phenol-d6

Concen: 83.553 ng

RT: 6.94 min Scan# 706

Delta R.T. 0.07 min

Lab File: BP001512.D

Acq: 03 Jan 2020 17:50

Instrument :

BNA_P

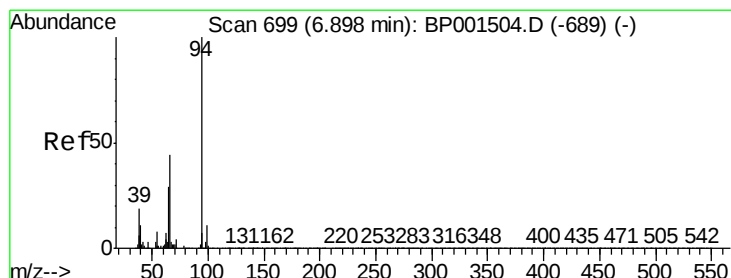
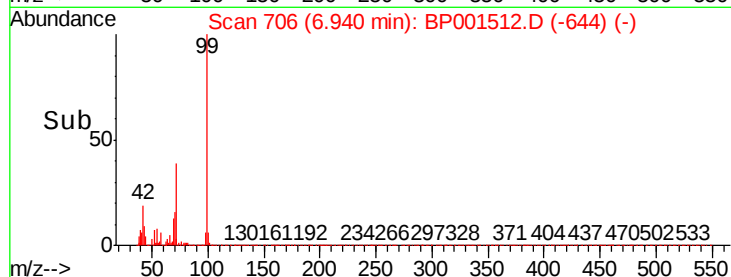
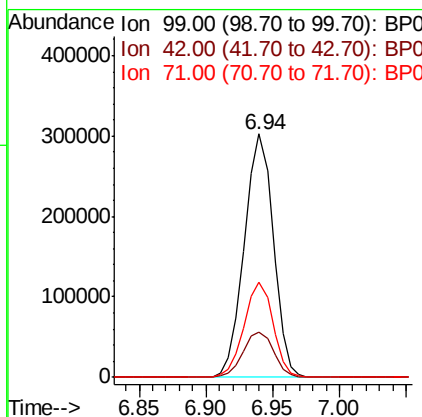
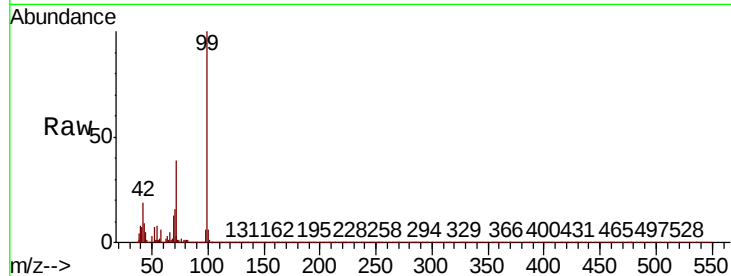
ClientSampleId :

MC-123019-0-2-COMP-B8

Tot Ion:	99	Resp:	455250
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.3	22.9
71	39.2	30.9	46.3

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#10

Phenol

Concen: 2.774 ng

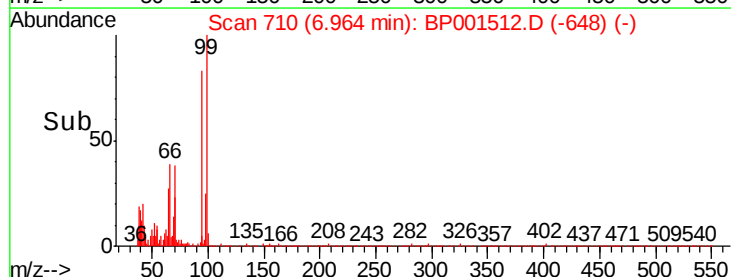
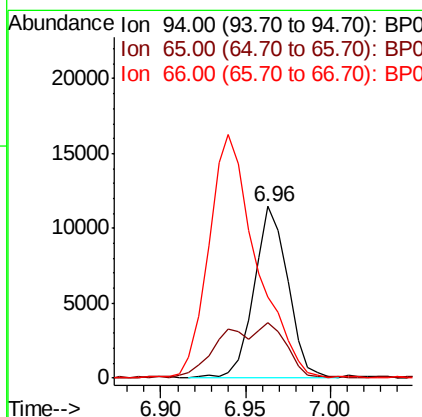
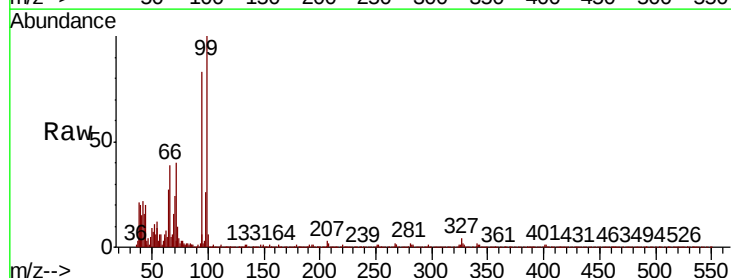
RT: 6.96 min Scan# 710

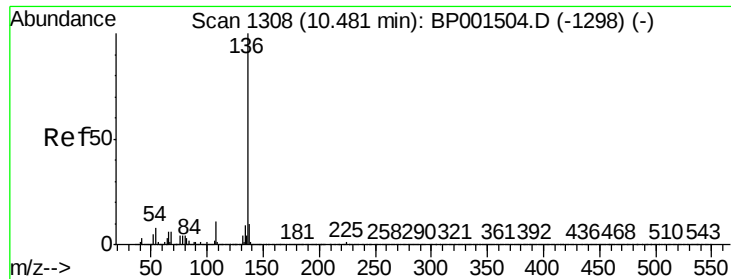
Delta R.T. 0.07 min

Lab File: BP001512.D

Acq: 03 Jan 2020 17:50

Tgt Ion:	94	Resp:	15898
Ion Ratio	Lower	Upper	
94	100		
65	32.7	9.2	49.2
66	47.0	23.8	63.8





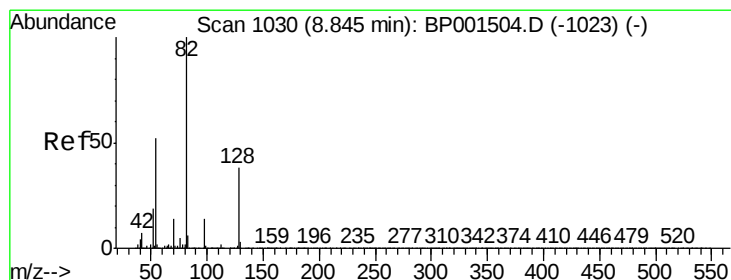
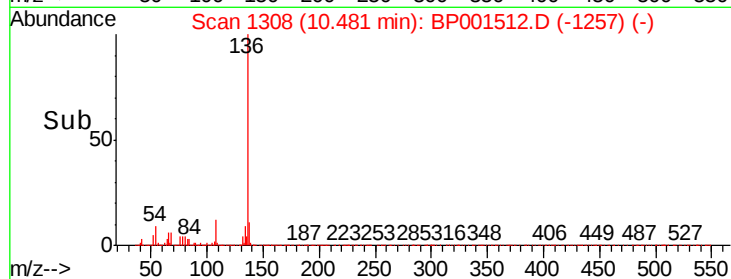
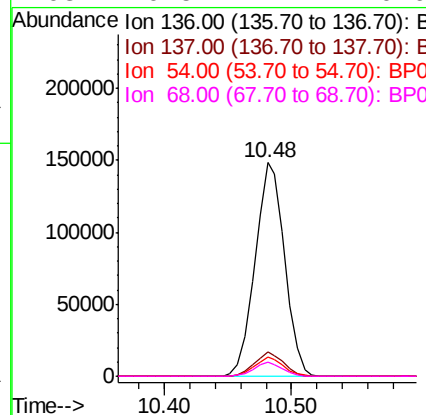
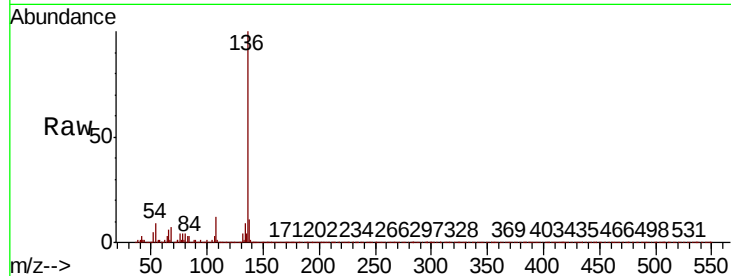
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B8

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.3	12.5
54	8.8	6.7	10.1
68	6.5	4.4	6.6

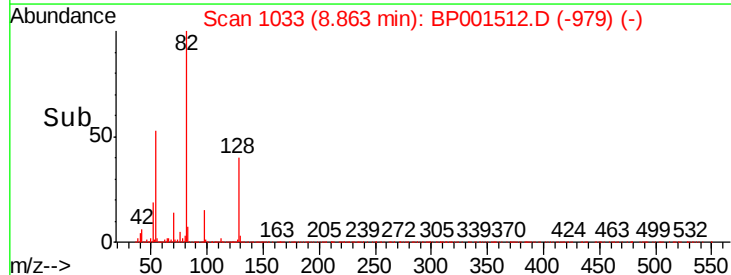
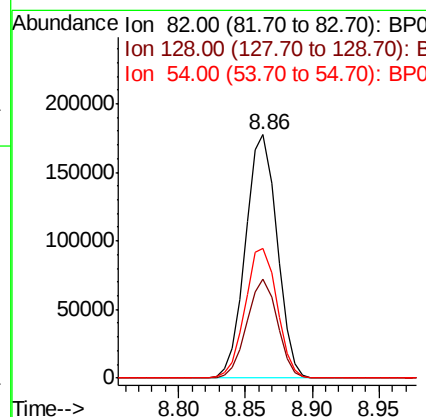
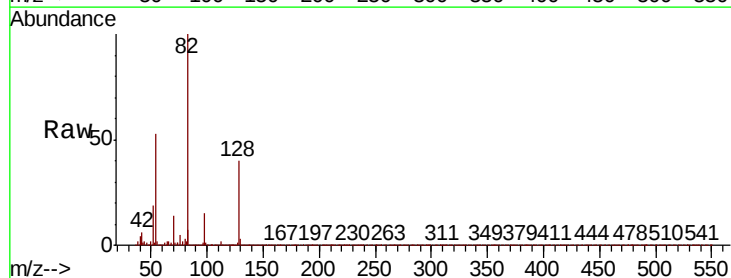
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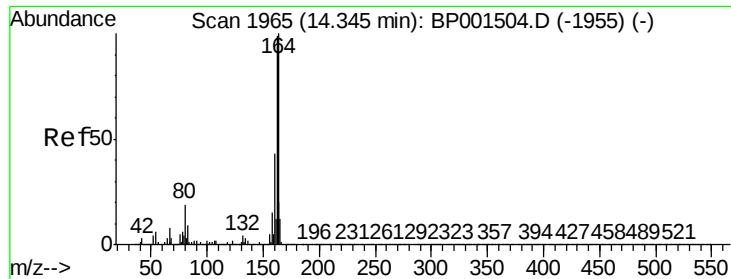
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#23
Nitrobenzene-d5
Concen: 59.486 ng
RT: 8.86 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	40.4	30.1	45.1
54	53.1	41.8	62.6





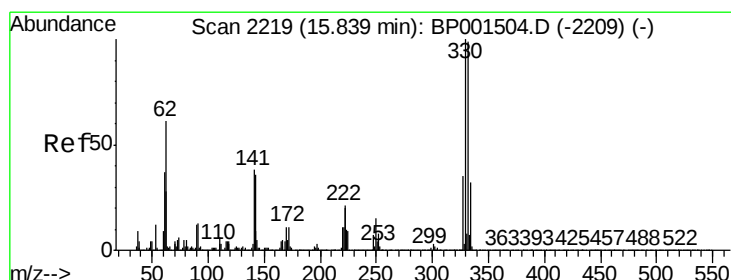
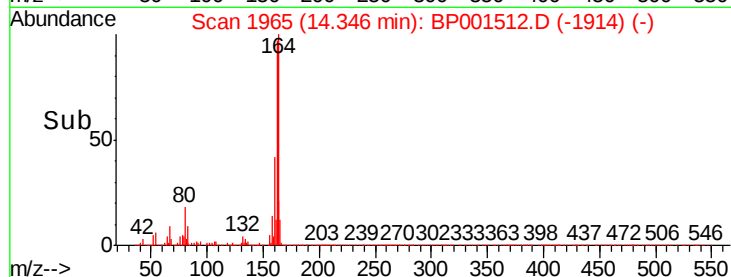
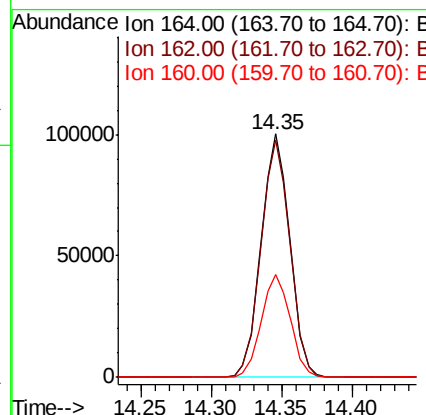
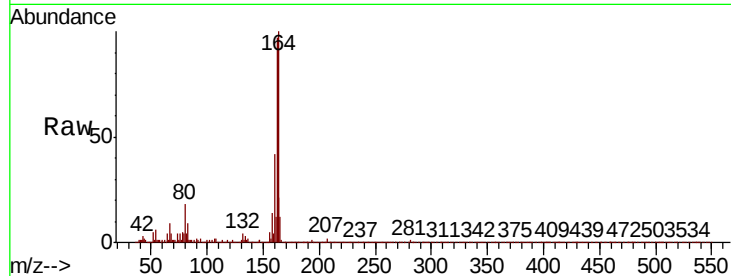
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B8

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.3	79.2	118.8
160	42.0	34.6	52.0

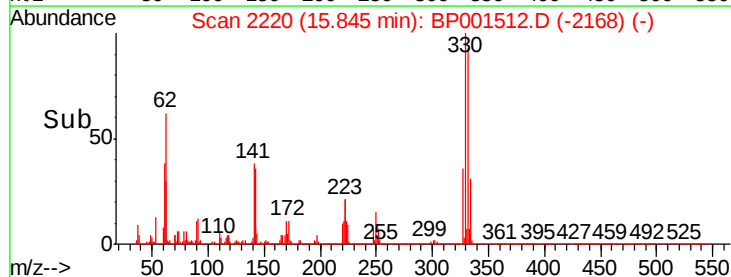
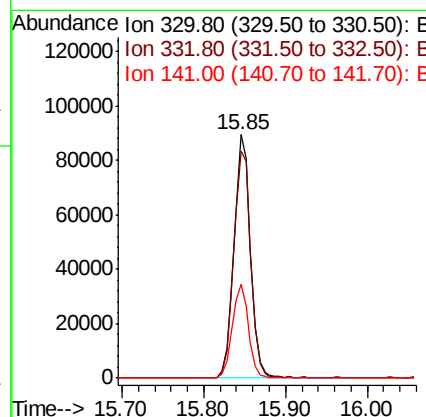
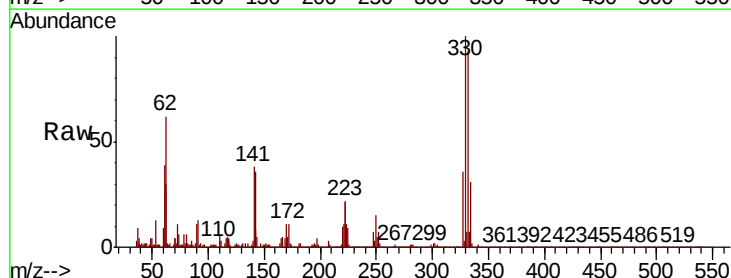
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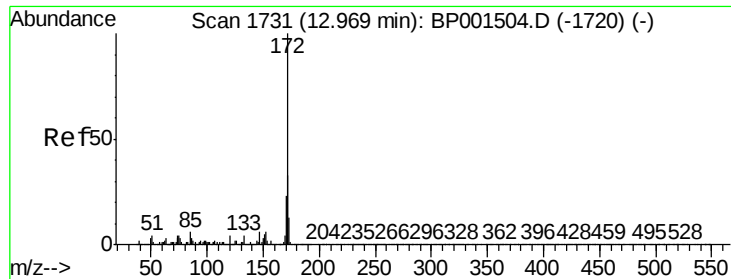
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#42
2,4,6-Tribromophenol
Concen: 76.745 ng
RT: 15.85 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.2
141	37.1	30.3	45.5





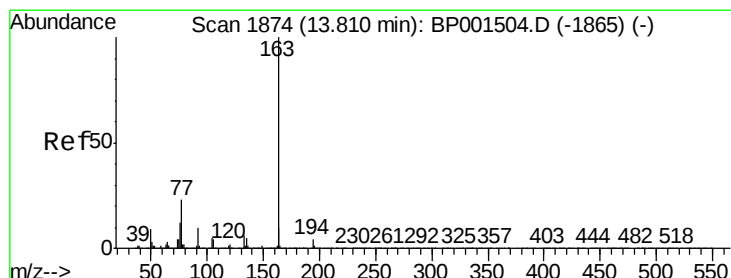
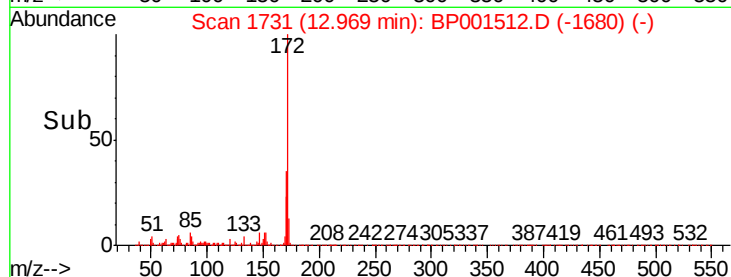
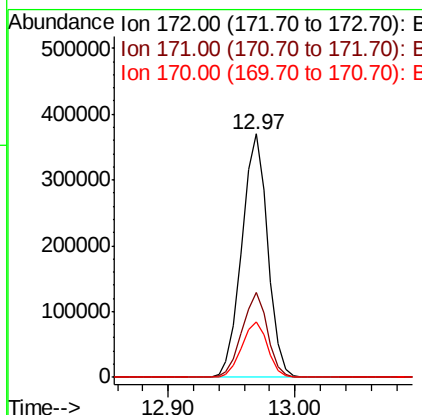
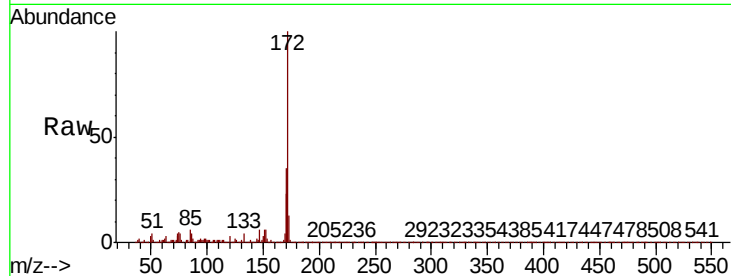
#45
2-Fluorobiphenyl
Concen: 53.240 ng
RT: 12.97 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B8

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	26.7	40.1
170	23.0	18.7	28.1

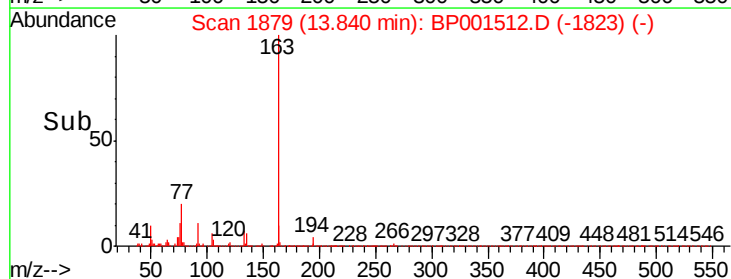
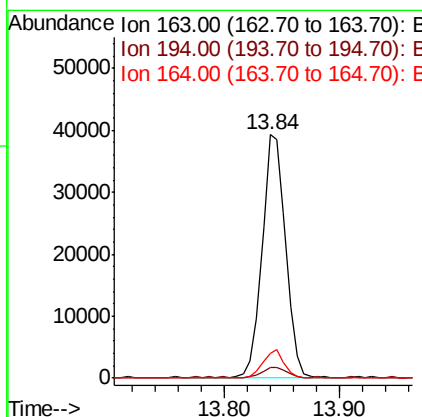
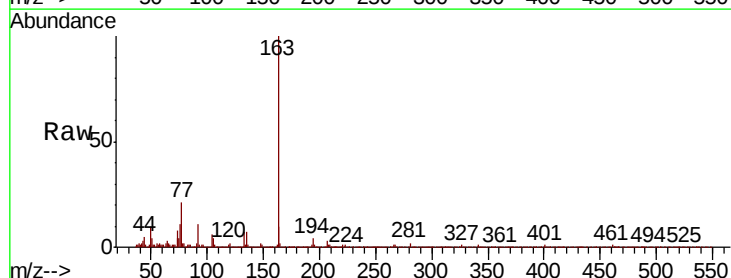
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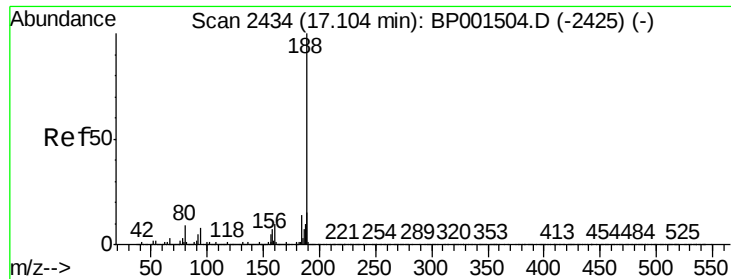
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#50
Dimethylphthalate
Concen: 4.972 ng
RT: 13.84 min Scan# 1879
Delta R.T. 0.03 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.2	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BP001512.D

Acq: 03 Jan 2020 17:50

Instrument :

BNA_P

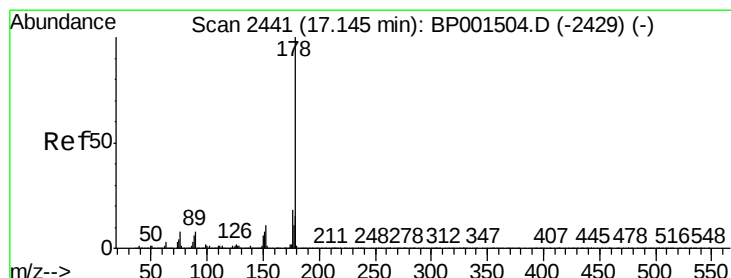
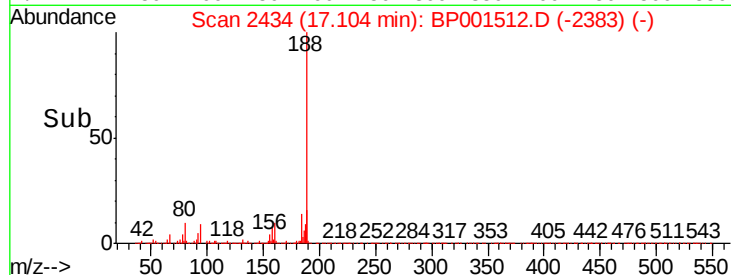
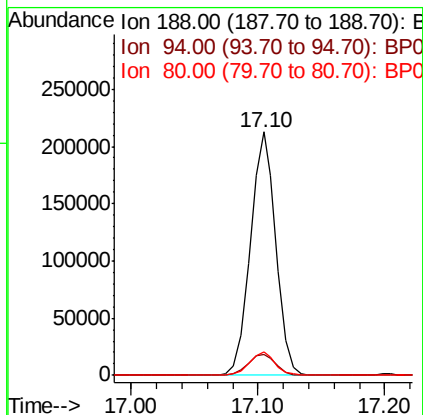
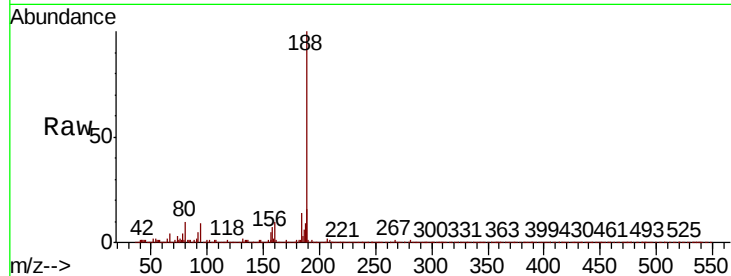
ClientSampleId :

MC-123019-0-2-COMP-B8

Tot Ion:	188	Resp:	294580
Ion Ratio	Lower	Upper	
188	100		
94	8.8	6.5	9.7
80	9.8	7.3	10.9

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#71

Phenanthrene

Concen: 8.812 ng

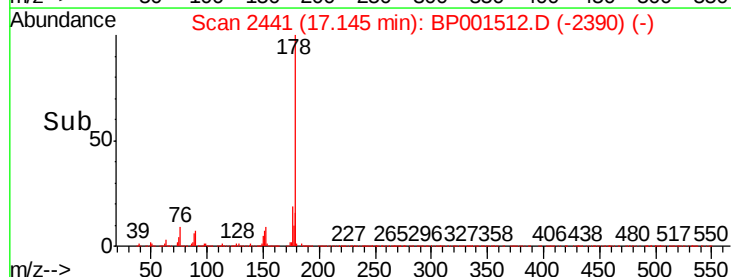
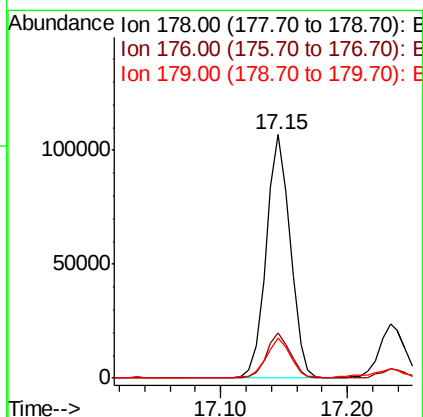
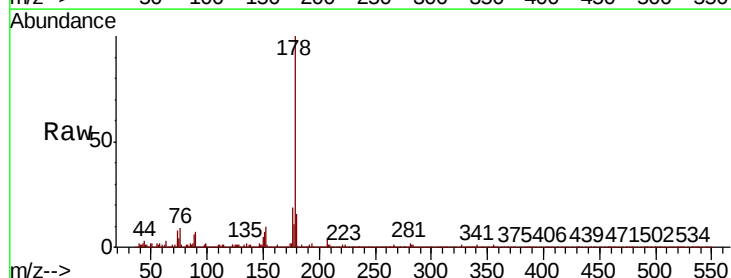
RT: 17.15 min Scan# 2441

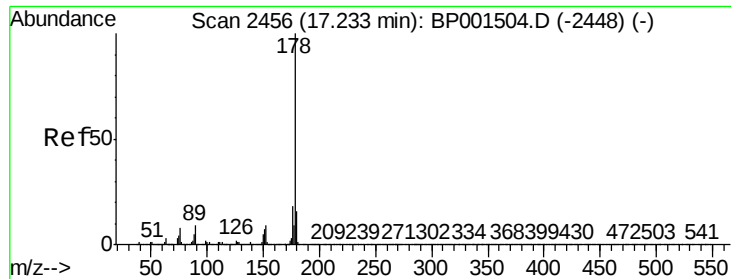
Delta R.T. 0.00 min

Lab File: BP001512.D

Acq: 03 Jan 2020 17:50

Tgt Ion:	178	Resp:	140795
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.6	22.0
179	16.2	12.3	18.5





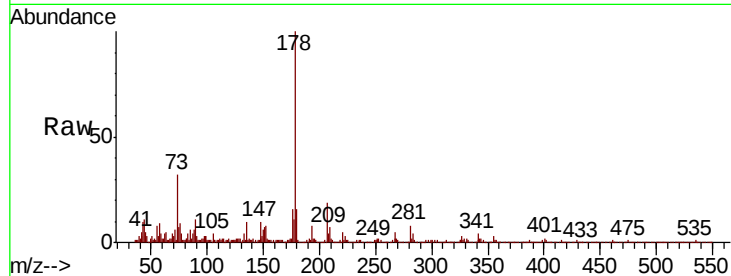
#72
 Anthracene
 Concen: 2.091 ng
 RT: 17.23 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BP001512.D
 Acq: 03 Jan 2020 17:50

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B8

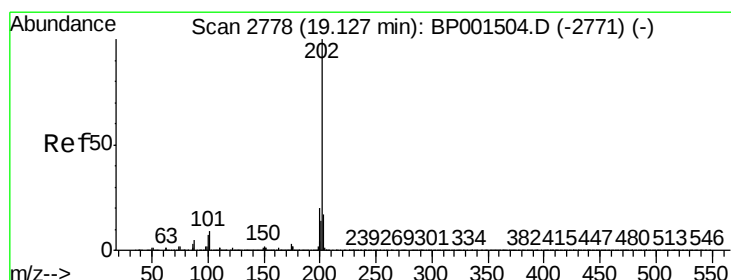
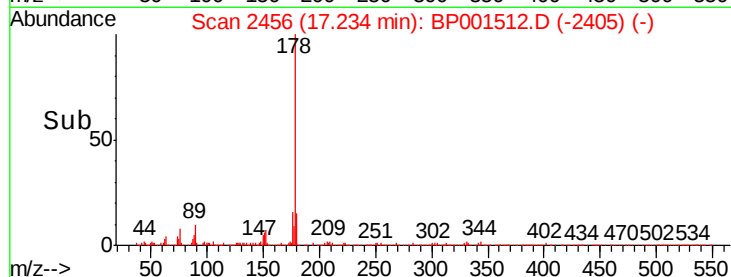
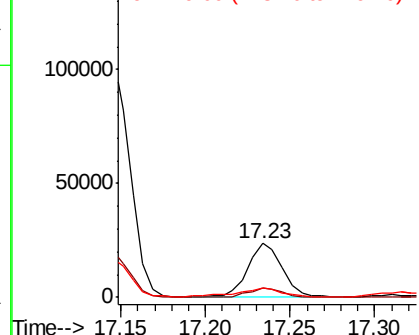
Tot Ion:	178	Resp:	33116
Ion Ratio	Lower	Upper	
178	100		
176	16.4	14.4	21.6
179	16.3	12.5	18.7

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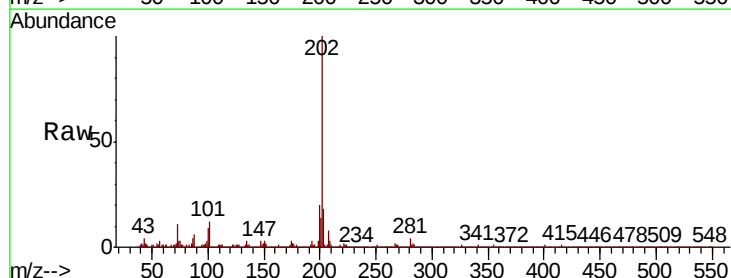


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

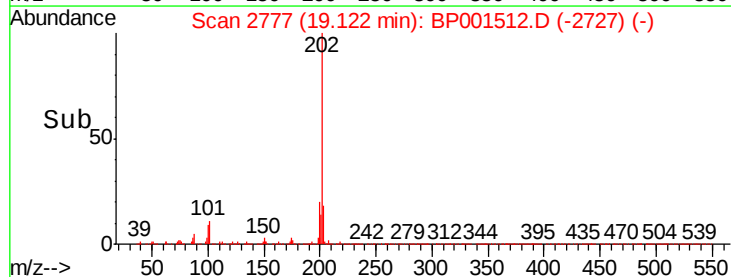
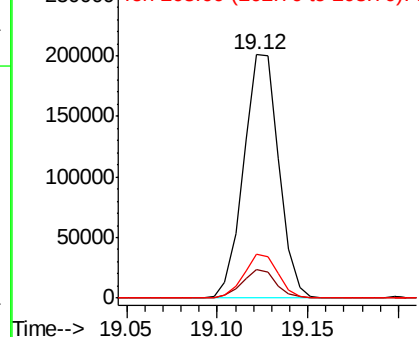


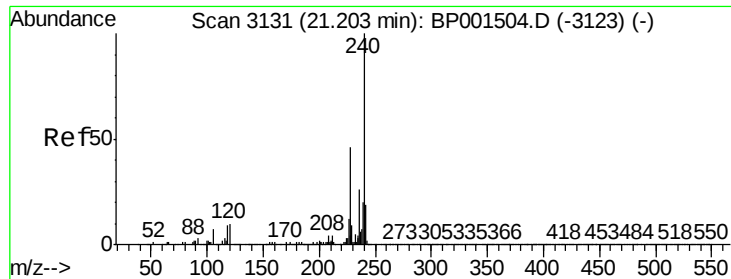
#75
 Fluoranthene
 Concen: 13.944 ng
 RT: 19.12 min Scan# 2777
 Delta R.T. -0.01 min
 Lab File: BP001512.D
 Acq: 03 Jan 2020 17:50

Tgt Ion:	202	Resp:	269704
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	29.3
203	18.0	0.0	36.7



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





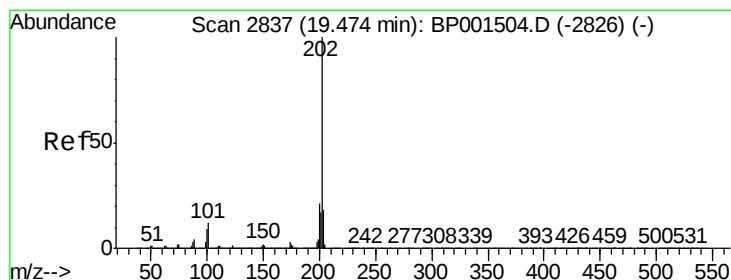
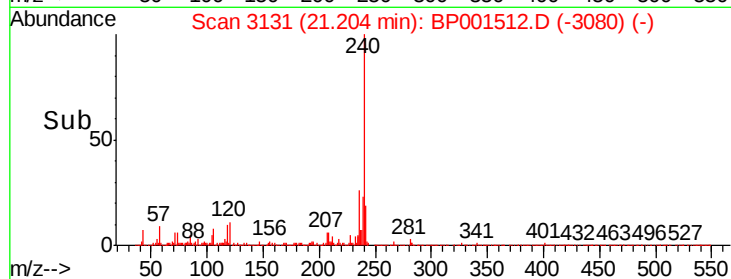
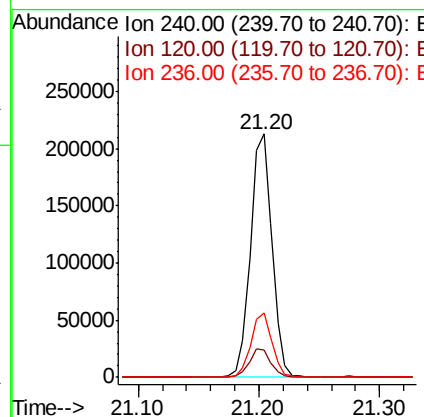
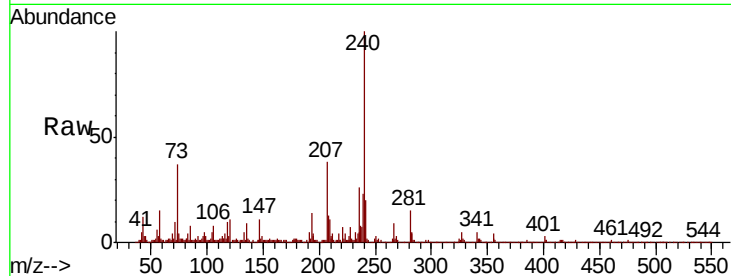
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B8

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	8.1	12.1
236	26.2	20.9	31.3

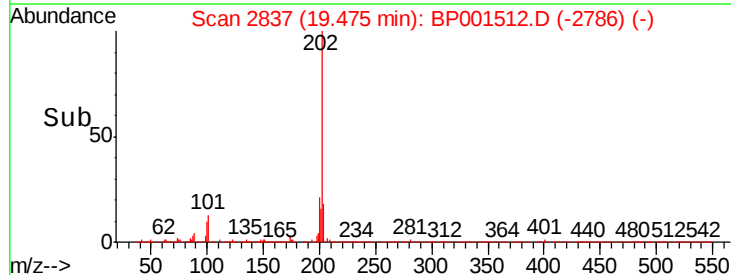
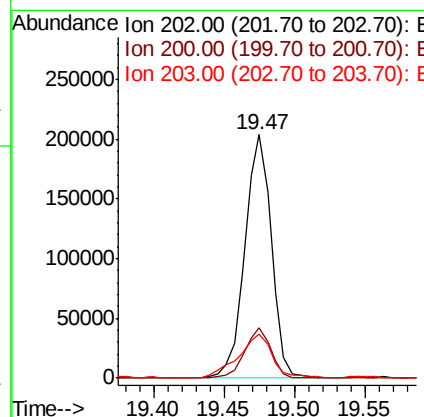
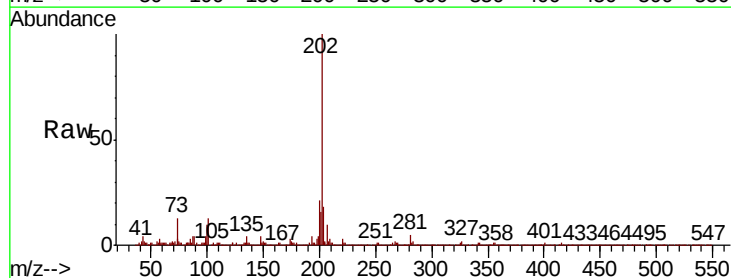
Manual Integrations
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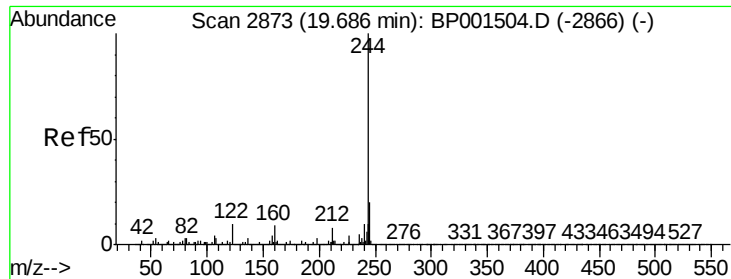
mohammad
1/6/2020 11:42:38 AM



#78
Pyrene
Concen: 13.937 ng
RT: 19.47 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.8	14.2	21.2





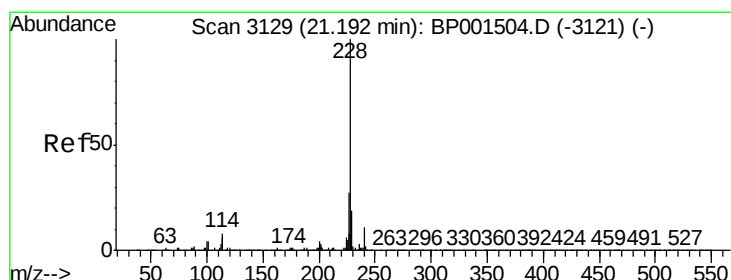
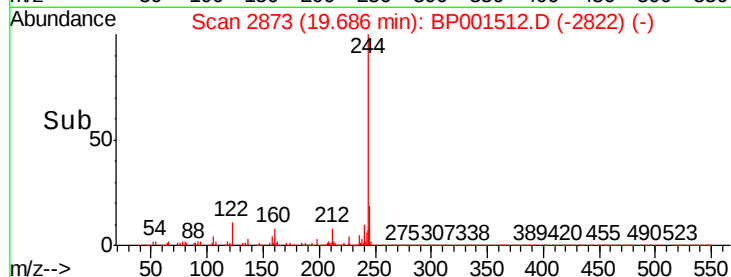
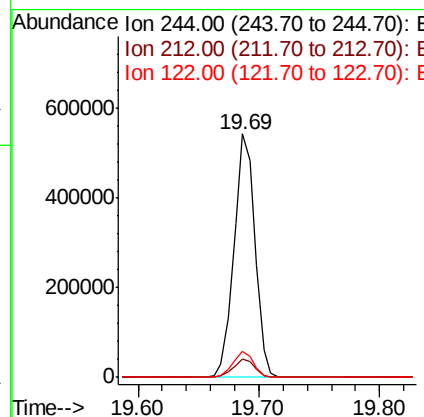
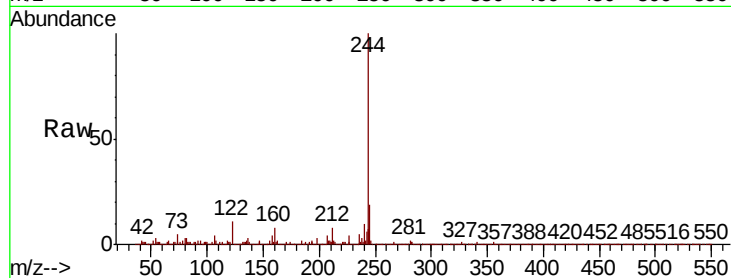
#79
 Terphenyl-d14
 Concen: 49.381 ng
 RT: 19.69 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BP001512.D
 Acq: 03 Jan 2020 17:50

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B8

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	9.8
122	10.6	7.8	11.6

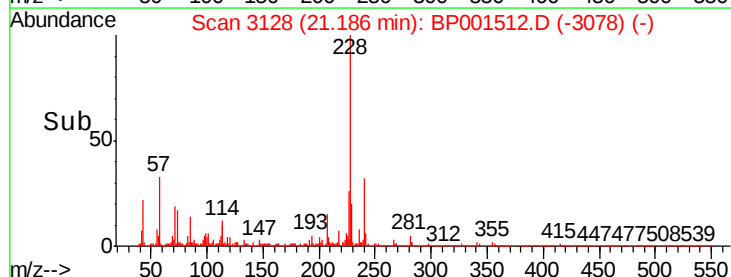
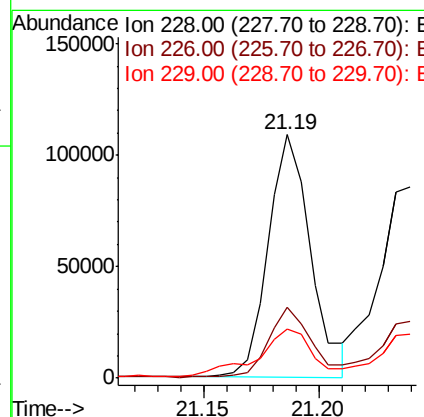
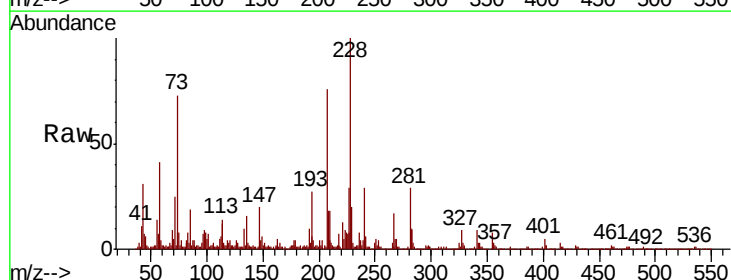
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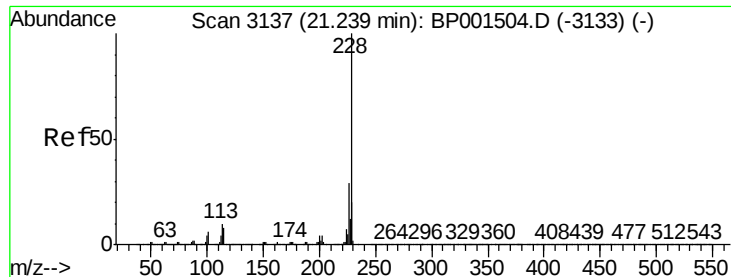
mohammad
 1/6/2020 11:42:38 AM



#81
 Benzo(a)anthracene
 Concen: 7.503 ng
 RT: 21.19 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BP001512.D
 Acq: 03 Jan 2020 17:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.5	32.3
229	20.4	15.4	23.2





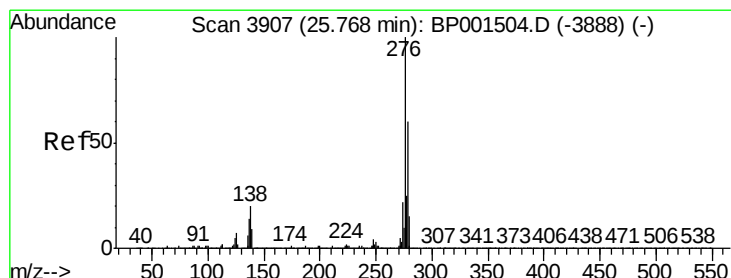
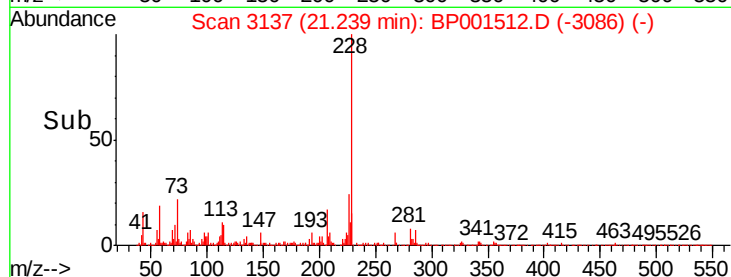
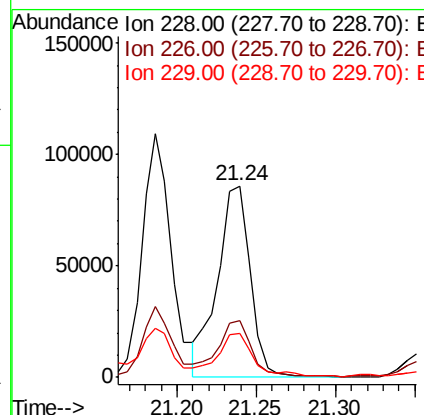
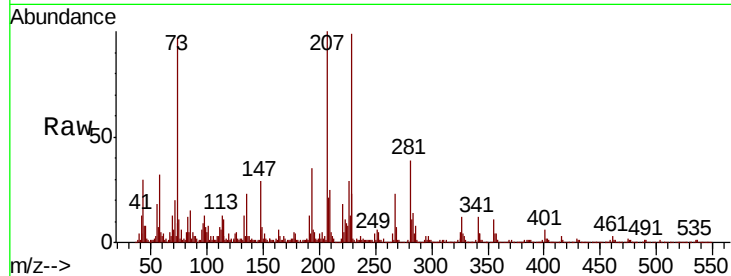
#83
Chrysene
Concen: 6.872 ng
RT: 21.24 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B8

Tot Ion:	228	Resp:	122049
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.0	34.6
229	22.8	15.7	23.5

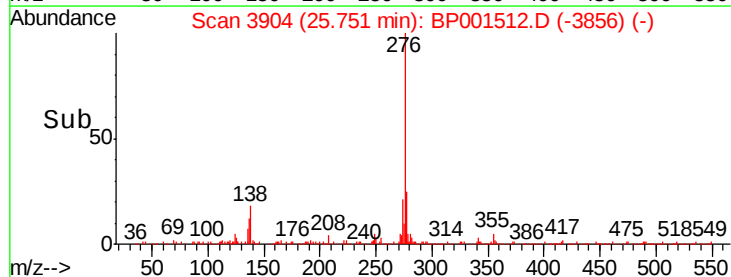
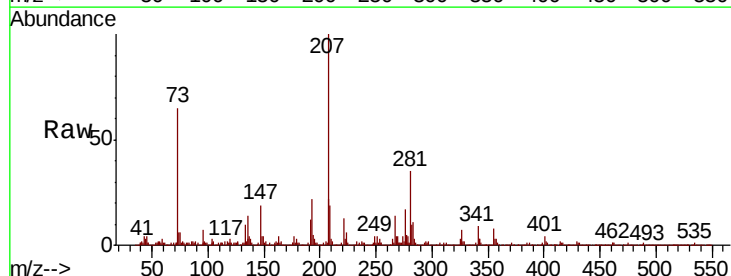
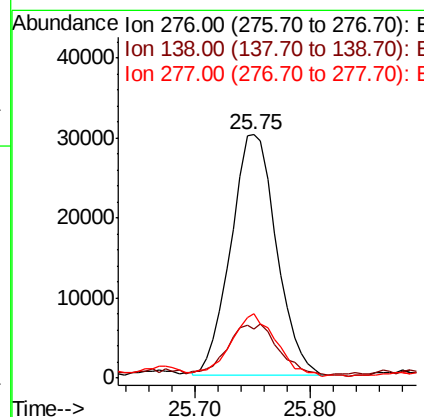
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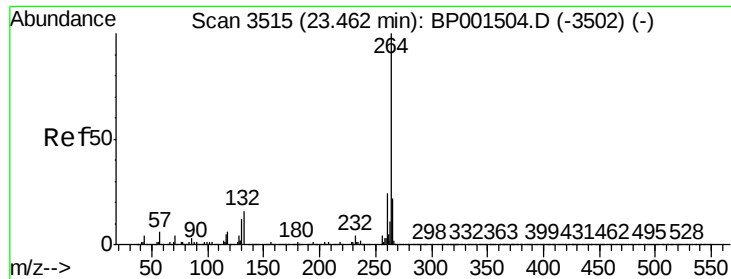
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.833 ng
RT: 25.75 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Tgt Ion:	276	Resp:	82850
Ion Ratio	Lower	Upper	
276	100		
138	23.1	17.8	26.8
277	25.3	20.0	30.0





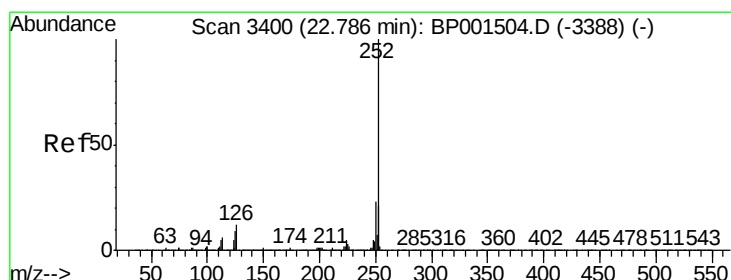
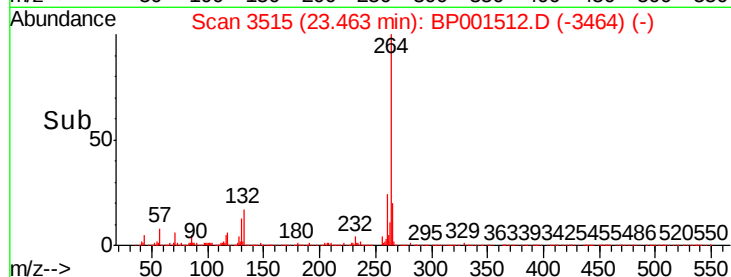
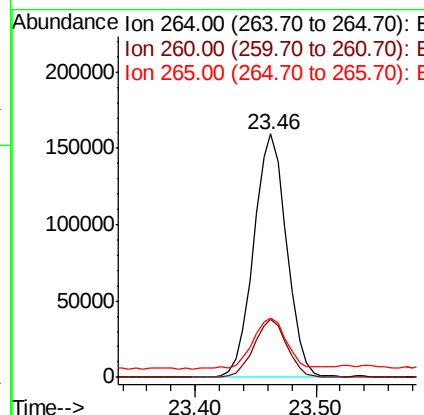
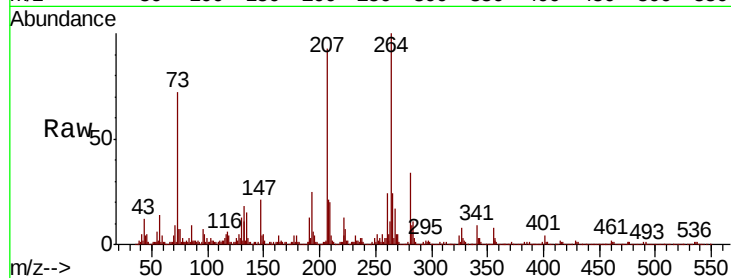
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3515
Delta R.T. 0.00 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	24.1	17.2	25.8

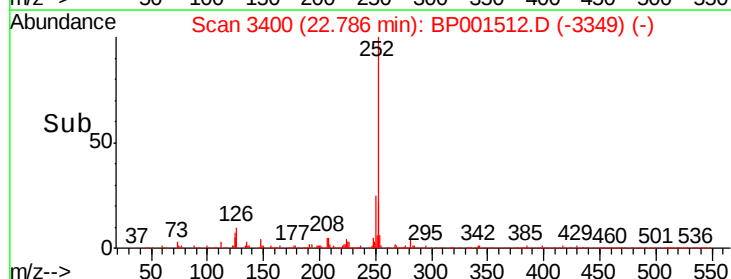
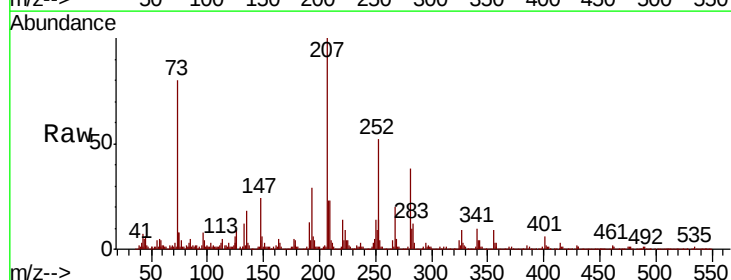
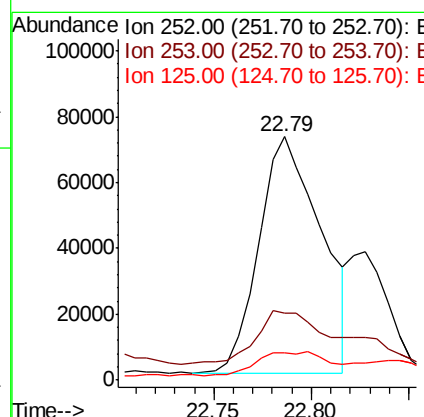
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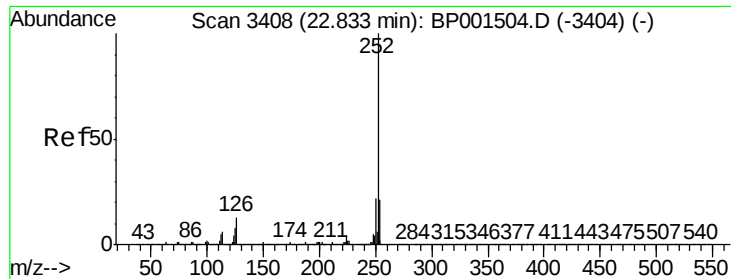
mohammad
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#88
Benzo(b)fluoranthene
Concen: 8.596 ng
RT: 22.79 min Scan# 3400
Delta R.T. 0.00 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.0	25.6#
125	11.3	7.2	10.8#





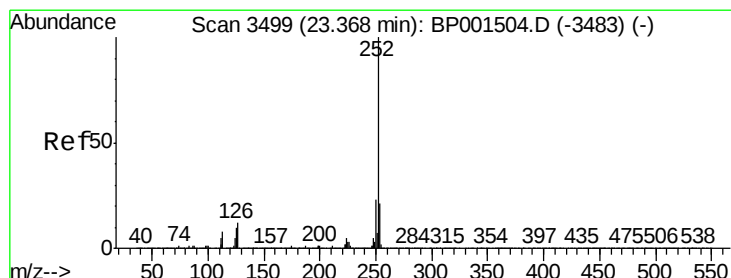
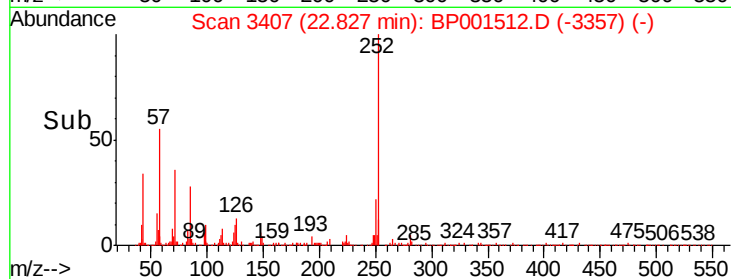
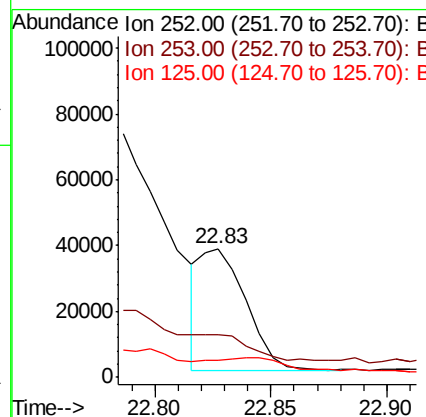
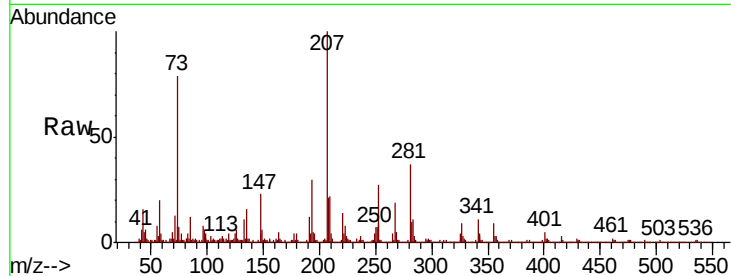
#89
Benzo(k)fluoranthene
Concen: 2.865 ng m
RT: 22.83 min Scan# 3407
Delta R.T. -0.01 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B8

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.3	17.0	25.6#
125	13.7	6.6	10.0#

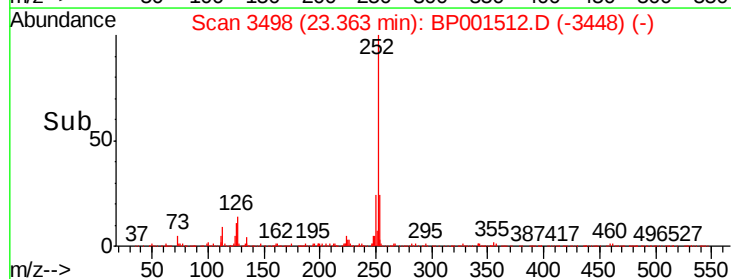
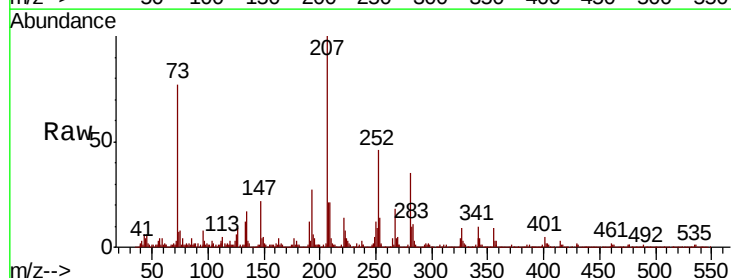
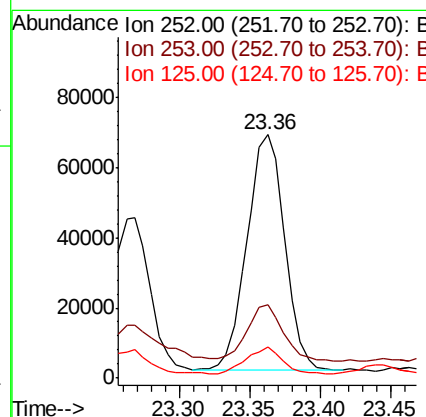
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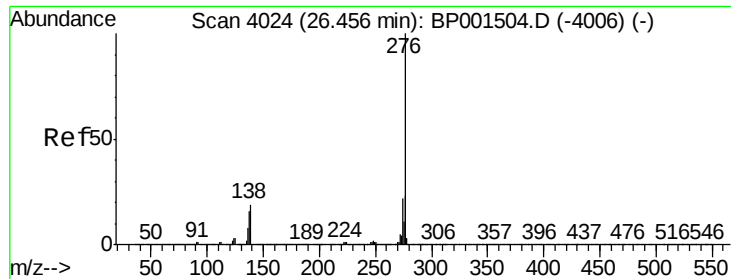
mohammad
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#90
Benzo(a)pyrene
Concen: 7.216 ng
RT: 23.36 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP001512.D
Acq: 03 Jan 2020 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.1	25.7#
125	12.7	7.7	11.5#





#92
 Benzo(a,h,i)perylene
 Concen: 4.991 ng
 RT: 26.44 min Scan# 4021
 Delta R.T. -0.02 min
 Lab File: BP001512.D
 Acq: 03 Jan 2020 17:50

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B8

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	23.1	15.0	22.4

Manual Integrations
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