

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
 Data File : BP000147.D
 Acq On : 09 Sep 2019 21:15
 Operator : HP/JU
 Sample : K4633-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D01MSD

Manual Integrations
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mohammad
 9/10/2019 2:52:37 PM

Quant Time: Sep 10 05:03:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	361232	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1401247	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	792169	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1447070	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1212537	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1263196	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.60	96	50383	4.95	ng/uL	0.00
5) Phenol-d5	6.51	99	882941	28.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	470724	29.26	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	717803	28.85	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	458286	19.83	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	344515	32.38	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	363632	35.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	619455	28.18	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	665147	24.47	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1762842	30.14	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2130713	29.48	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	288294	27.58	ng/ul	0.00
58) Fluorene-d10	10.47	176	1505912	30.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	186204	28.00	ng/ul	0.00
71) Anthracene-d10	11.50	188	1867131	26.64	ng/ul	0.00
79) Pyrene-d10	12.90	212	2272065	31.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	2047663	31.27	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.53	94	968507	30.203	ng/ul	96
10) 2-Chlorophenol	6.67	128	691378	26.321	ng/ul	96
15) N-Nitroso-di-n-propylamine	7.30	70	485413	29.800	ng/ul	95
33) 4-Chloro-3-methylphenol	8.72	107	575525	25.731	ng/ul	98
45) Dimethylphthalate	9.65	163	734981	12.452	ng/ul	100
50) Acenaphthene	9.98	153	1491900	28.509	ng/ul	99
53) 4-Nitrophenol	10.04	109	213493	27.444	ng/ul	95
55) 2,4-Dinitrotoluene	10.12	165	465757	30.296	ng/ul#	95
69) Pentachlorophenol	11.25	266	267330	26.685	ng/ul	98
70) Phenanthrene	11.47	178	815686	9.532	ng/ul	100
72) Anthracene	11.52	178	118616	1.409	ng/ul	100
75) Carbazole	11.67	167	115348	1.602	ng/ul	99
77) Fluoranthene	12.68	202	1727200	20.011	ng/ul	100
80) Pyrene	12.92	202	3805117	41.595	ng/ul	99
83) Benzo(a)anthracene	14.13	228	860319	9.802	ng/ul	97
85) Chrysene	14.16	228	947769	11.767	ng/ul	98
88) Benzo(b)fluoranthene	15.22	252	1526966	18.239	ng/ul	99
89) Benzo(k)fluoranthene	15.25	252	409036m	5.183	ng/ul	
91) Benzo(a)pyrene	15.61	252	888369	11.309	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	17.23	276	756772	8.374	ng/ul	99
93) Dibenzo(a,h)anthracene	17.24	278	205238	2.742	ng/ul	98
94) Benzo(a,h,i)perylene	17.70	276	665740	8.836	ng/ul	98

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

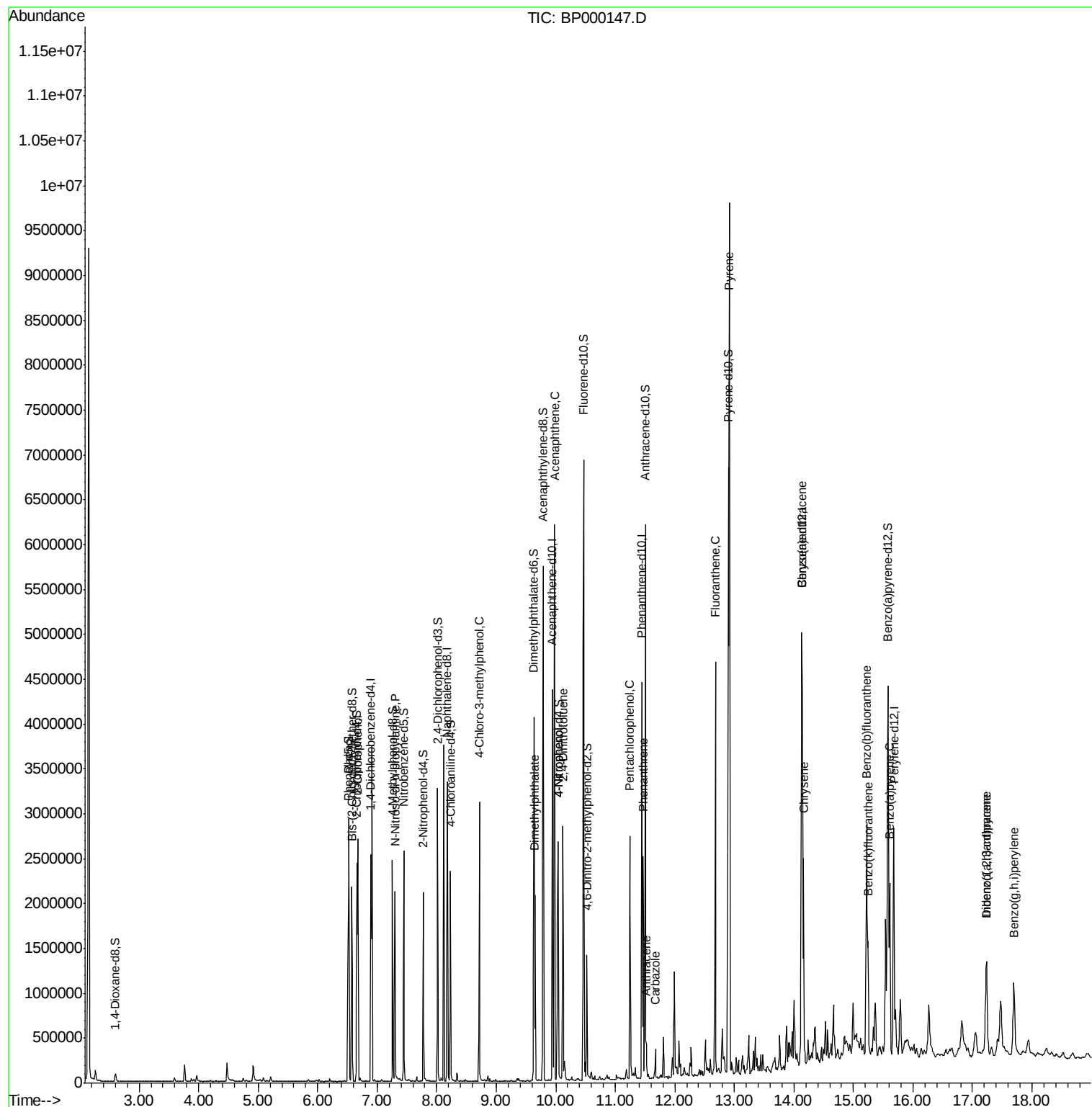
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
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ALS Vial : 19 Sample Multiplier: 1

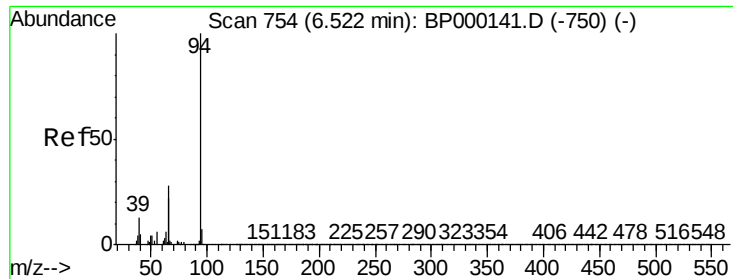
Instrument :
BNA_P
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F2D01MSD

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 30.203 ng/ul

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BP000147.D

Acq: 09 Sep 2019 21:15

Instrument :

BNA_P

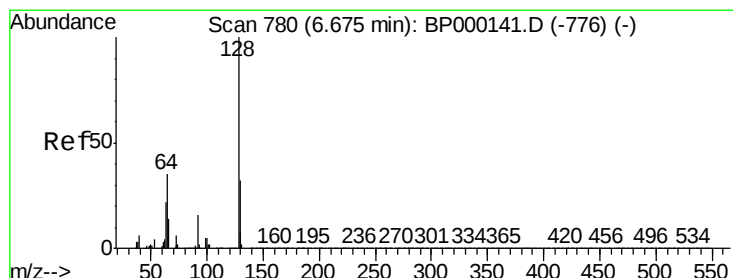
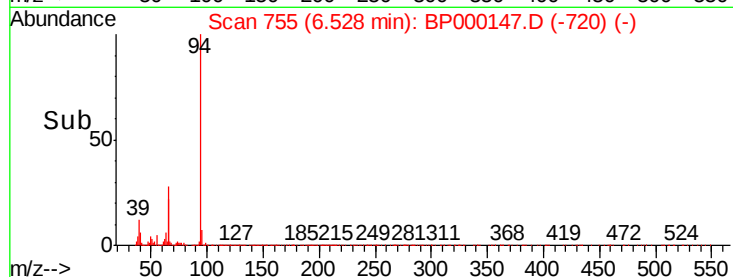
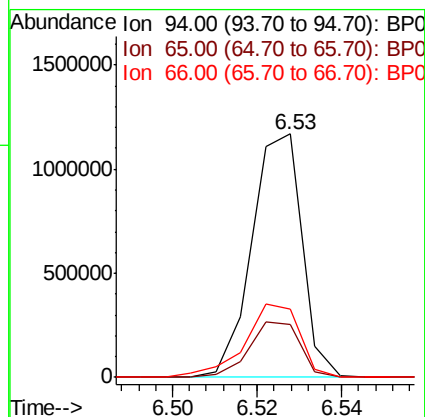
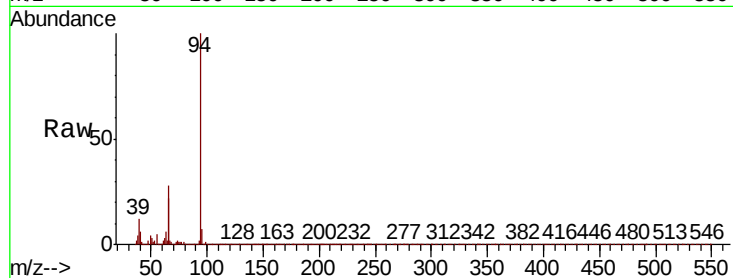
ClientSampleId :

F2D01MSD

Tot Ion:	94	Resp:	968507
Ion Ratio	Lower	Upper	
94	100		
65	21.5	18.8	28.2
66	27.9	24.2	36.2

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#10

2-Chlorophenol

Concen: 26.321 ng/ul

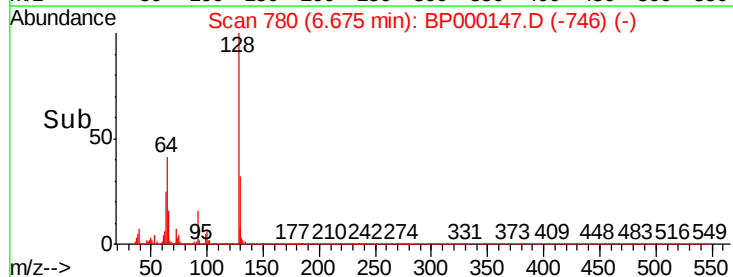
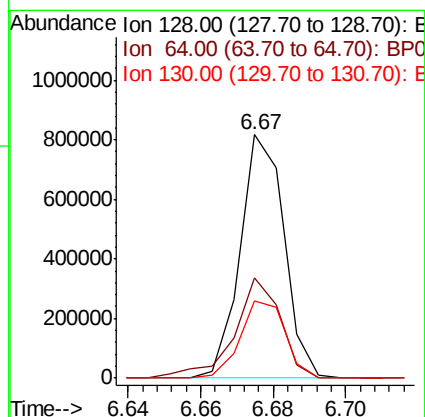
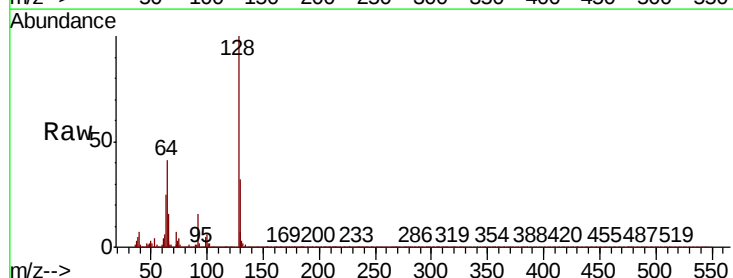
RT: 6.67 min Scan# 780

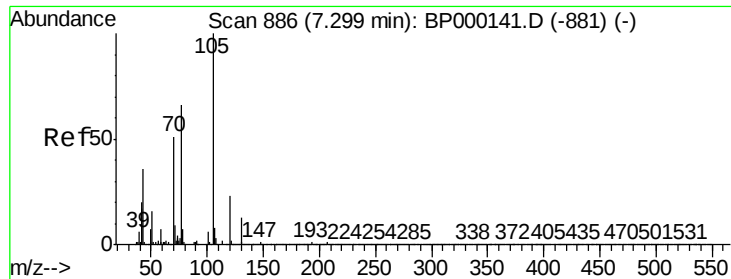
Delta R.T. -0.00 min

Lab File: BP000147.D

Acq: 09 Sep 2019 21:15

Tgt Ion:	128	Resp:	691378
Ion Ratio	Lower	Upper	
128	100		
64	41.0	29.6	44.4
130	31.9	26.2	39.4





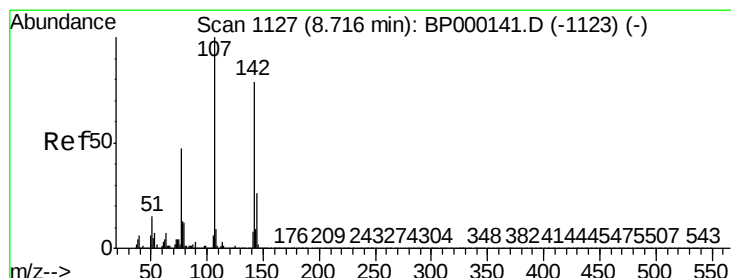
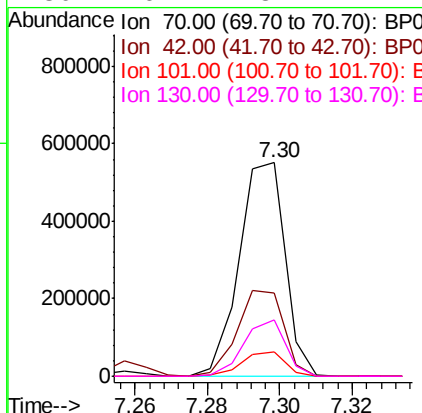
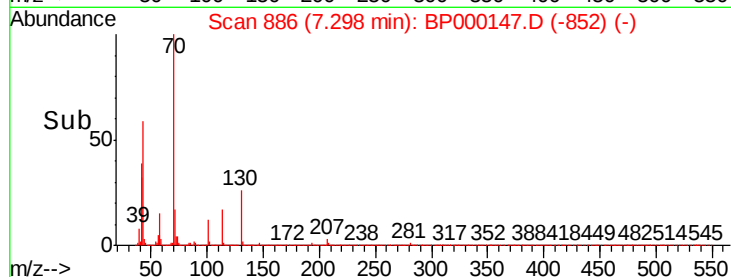
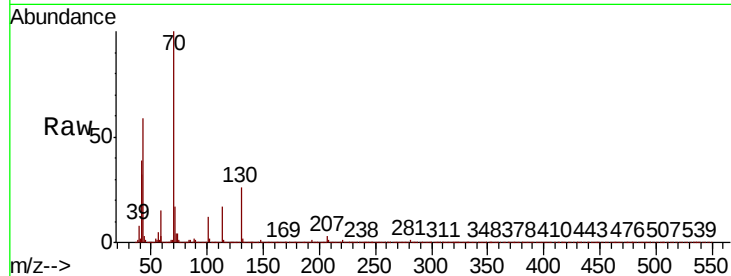
#15
N-Nitroso-di-n-propylamine
Concen: 29.800 ng/ul
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :
F2D01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		485413		
42	39.2	33.7	50.5		
101	11.5	8.4	12.6		
130	26.2	18.1	27.1		

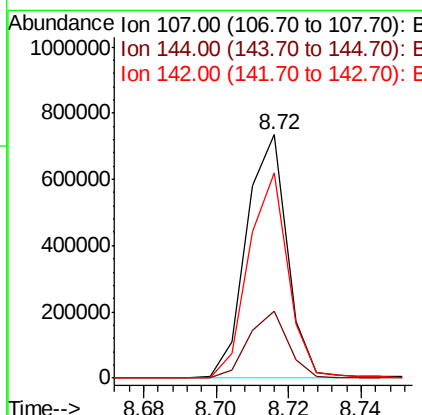
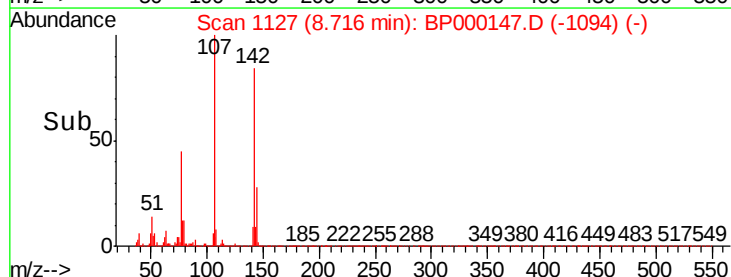
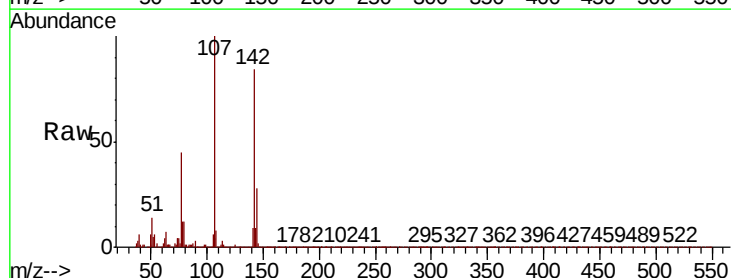
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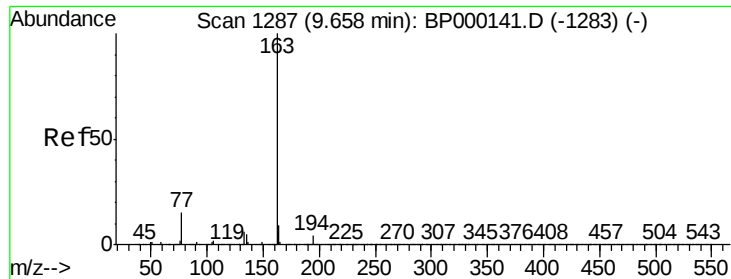
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#33
4-Chloro-3-methylphenol
Concen: 25.731 ng/ul
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		575525		
144	27.6	21.5	32.3		
142	84.3	65.8	98.8		





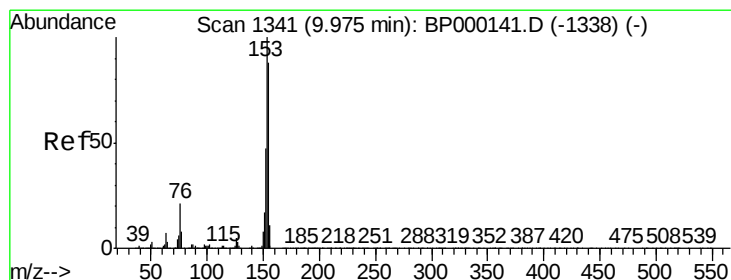
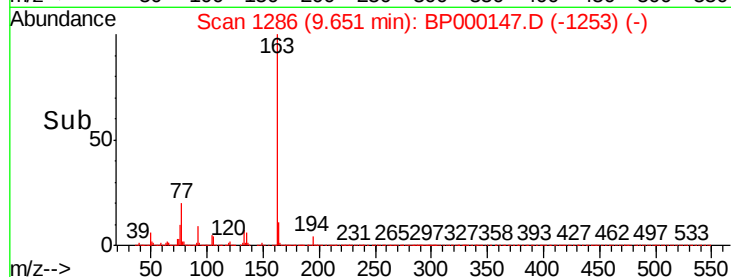
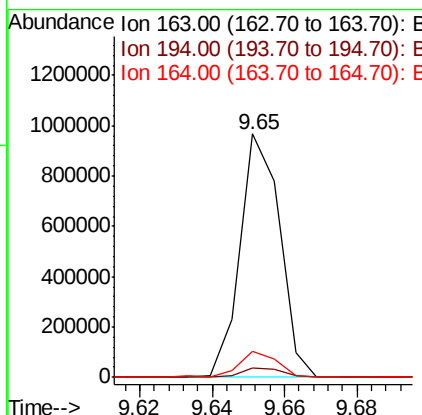
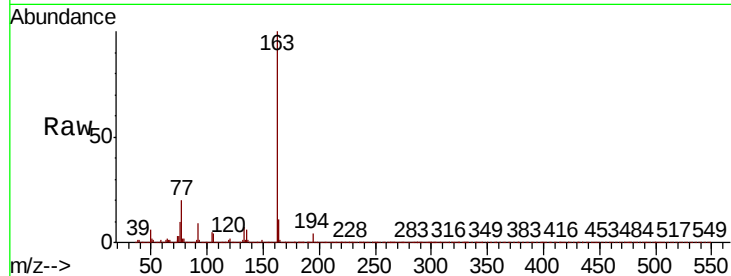
#45
Dimethylphthalate
Concen: 12.452 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :
F2D01MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.6	8.4	12.6

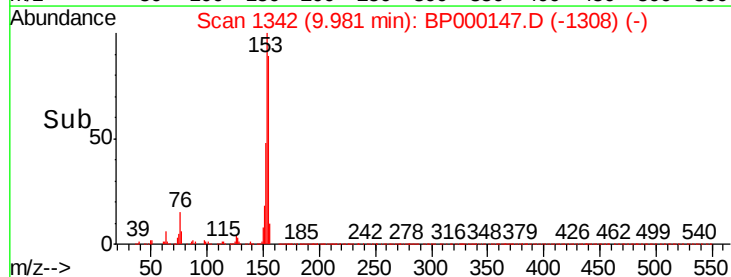
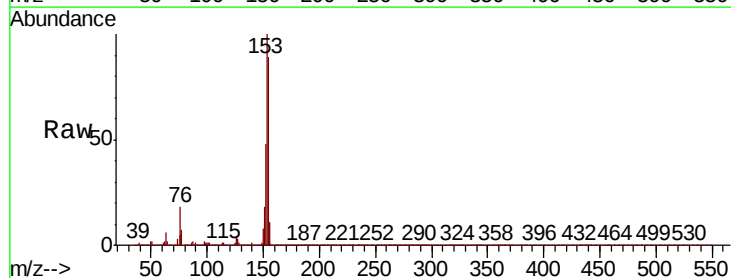
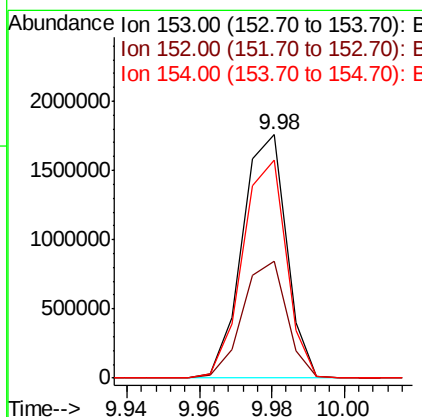
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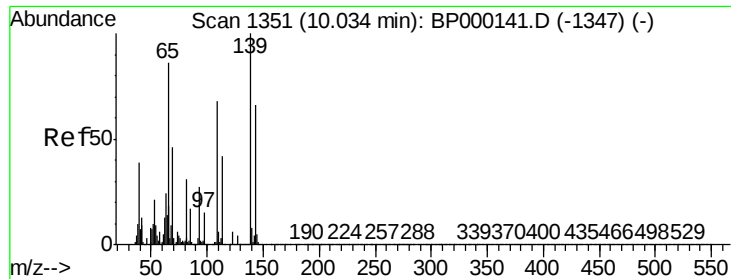
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#50
Acenaphthene
Concen: 28.509 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.0	57.0
154	89.4	72.6	108.8





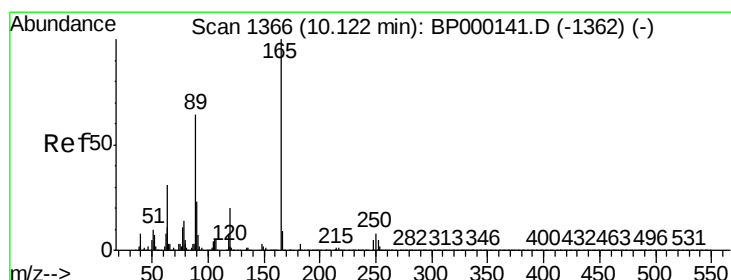
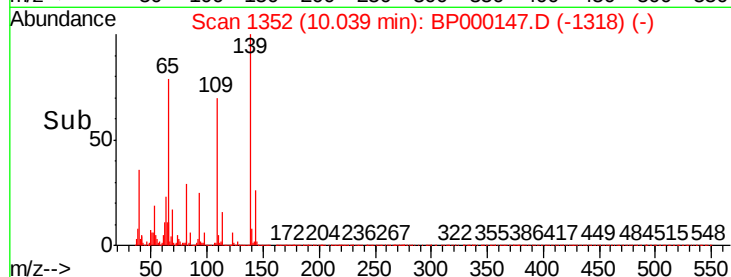
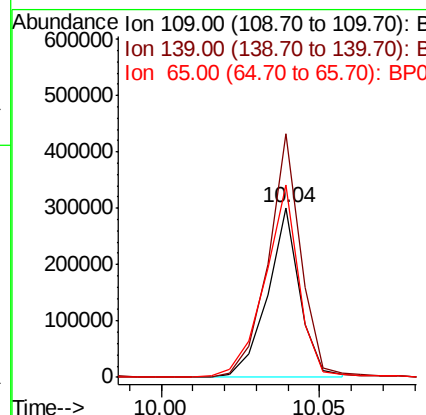
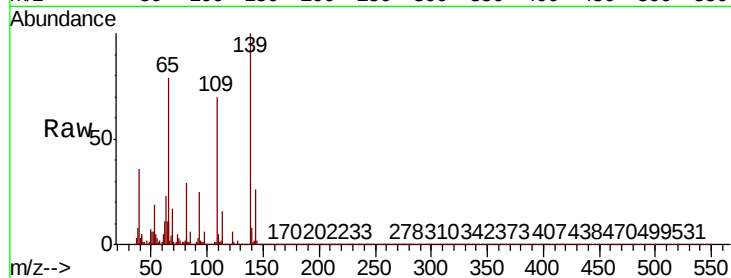
#53
4-Nitrophenol
Concen: 27.444 ng/ul
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :
F2D01MSD

Tot Ion	Ratio	Resp	Lower	Upper
109	100	213493		
139	143.4	118.6	177.8	
65	112.9	95.4	143.2	

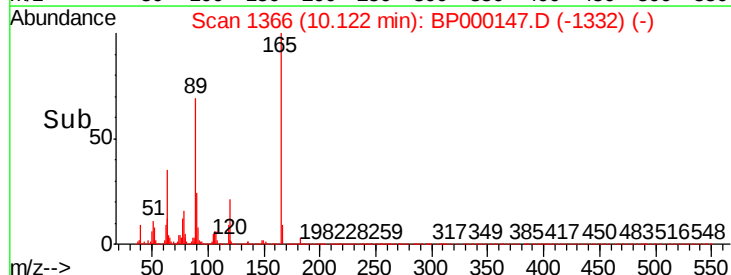
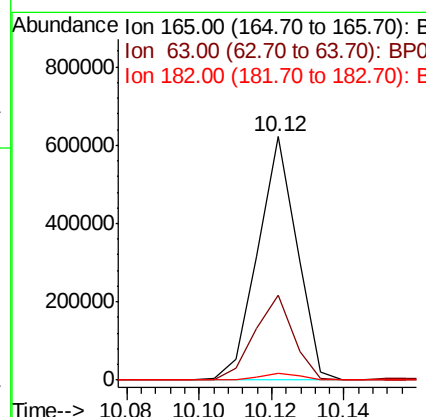
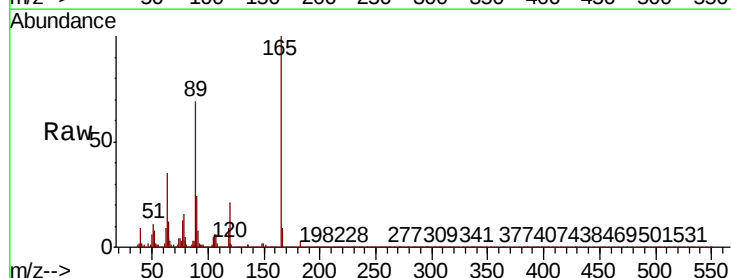
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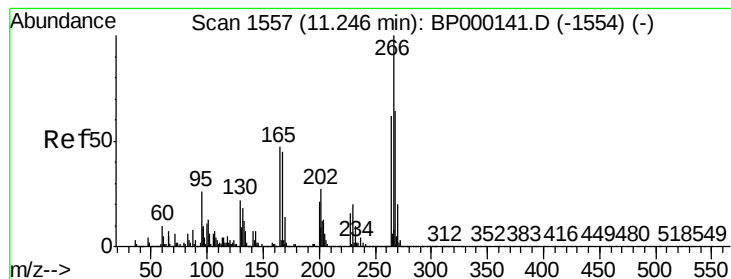
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#55
2,4-Dinitrotoluene
Concen: 30.296 ng/ul
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	465757		
63	34.7	25.4	38.0	
182	2.9	3.1	4.7#	





#69

Pentachlorophenol

Concen: 26.685 ng/ul

RT: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BP000147.D

Acq: 09 Sep 2019 21:15

Instrument :

BNA_P

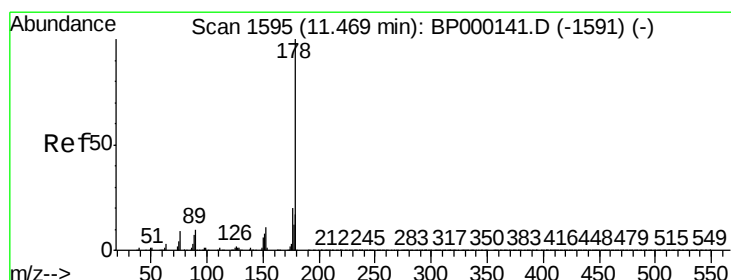
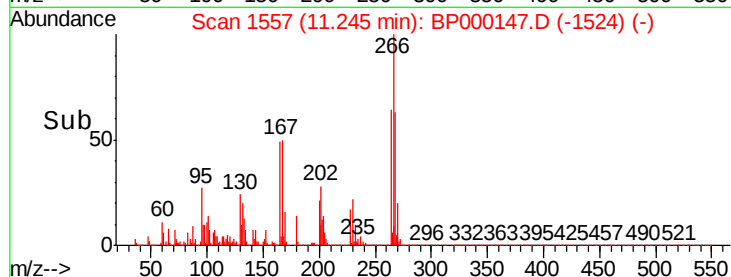
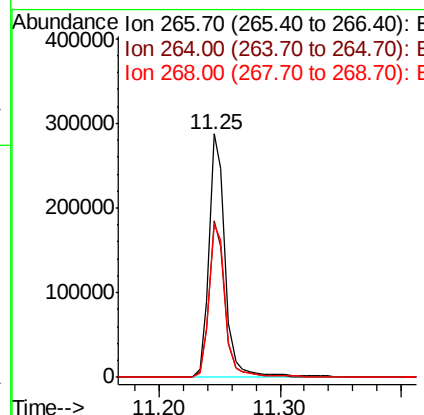
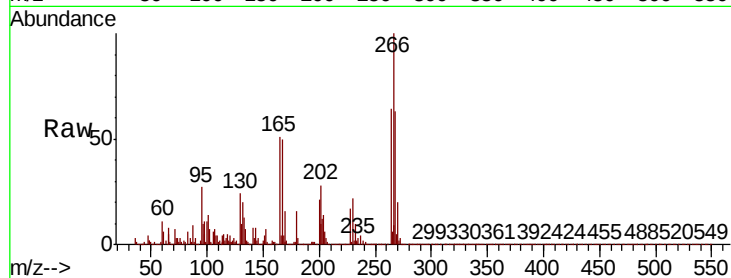
ClientSampleId :

F2D01MSD

Tot Ion:	266	Resp:	267330
Ion Ratio	Lower	Upper	
266	100		
264	64.5	50.6	75.8
268	62.9	51.2	76.8

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#70

Phenanthrene

Concen: 9.532 ng/ul

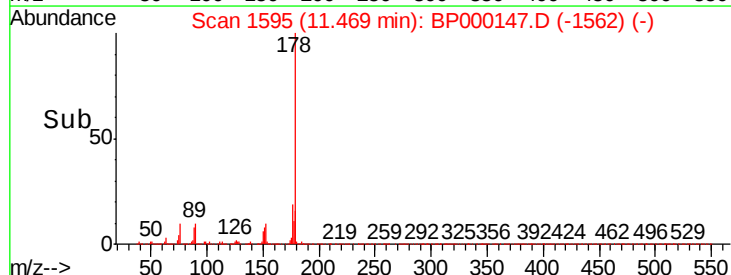
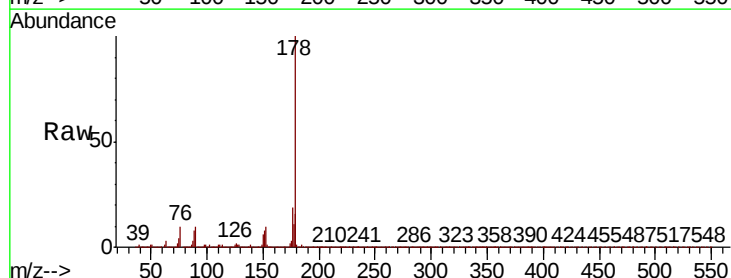
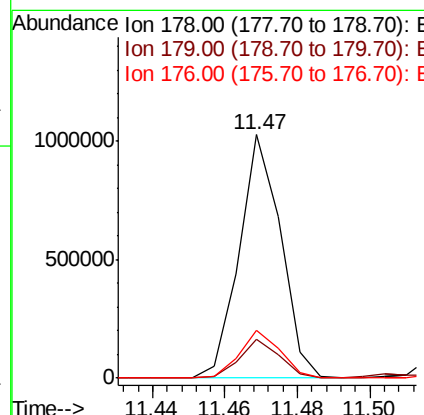
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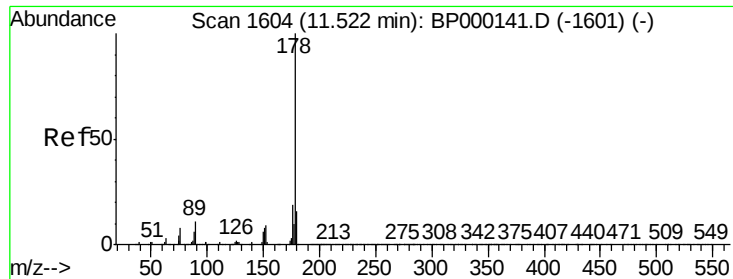
Delta R.T. -0.01 min

Lab File: BP000147.D

Acq: 09 Sep 2019 21:15

Tgt Ion:	178	Resp:	815686
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.5	18.7
176	19.4	15.7	23.5





#72

Anthracene

Concen: 1.409 ng/ul

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BP000147.D

Acq: 09 Sep 2019 21:15

Instrument :

BNA_P

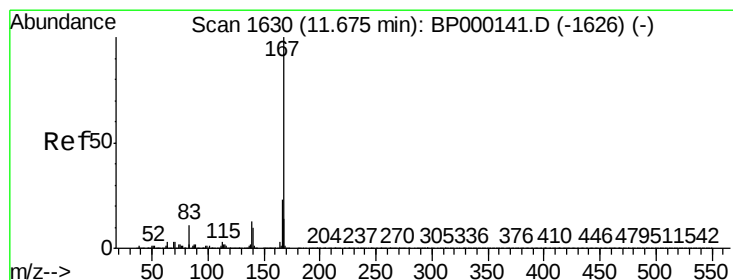
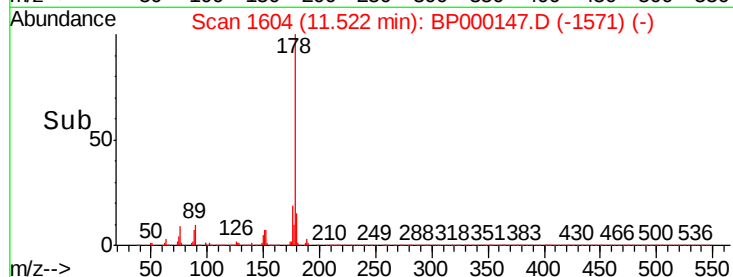
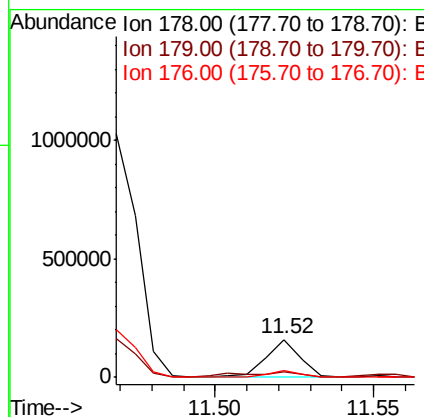
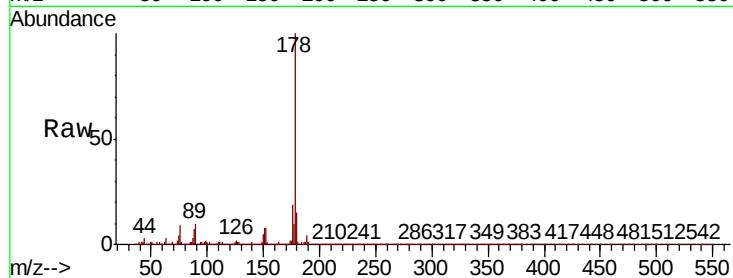
ClientSampled :

F2D01MSD

Tot Ion:	178	Resp:	118616
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	18.7	15.1	22.7

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#75

Carbazole

Concen: 1.602 ng/ul

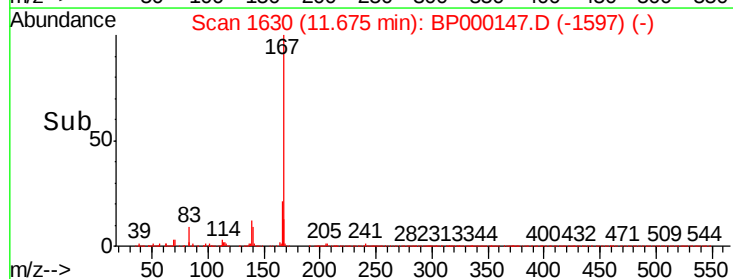
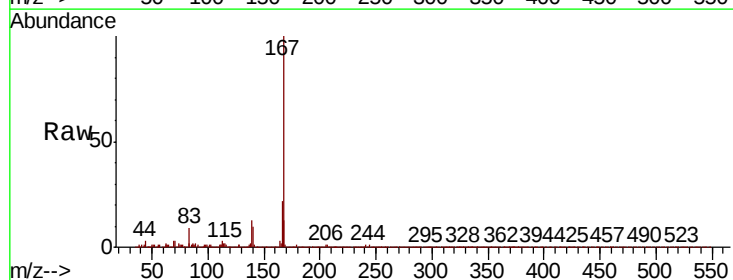
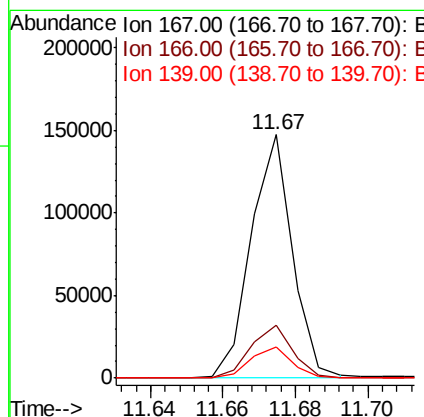
RT: 11.67 min Scan# 1630

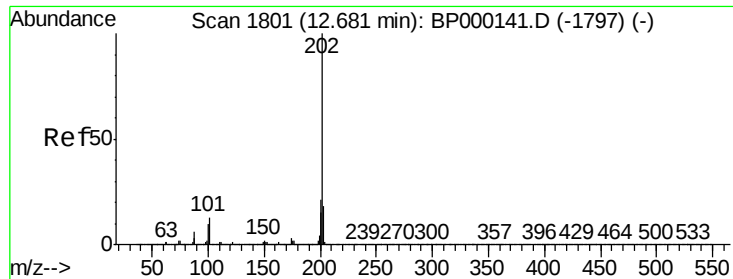
Delta R.T. -0.01 min

Lab File: BP000147.D

Acq: 09 Sep 2019 21:15

Tgt Ion:	167	Resp:	115348
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.3	25.9
139	12.7	10.6	15.8





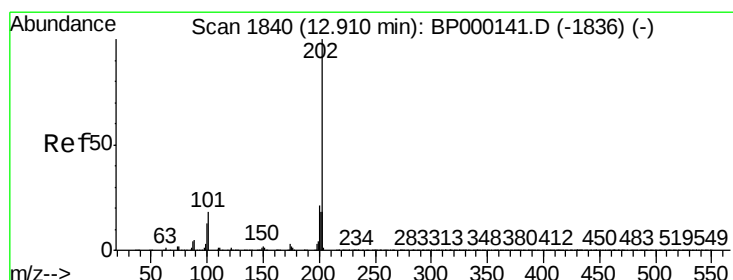
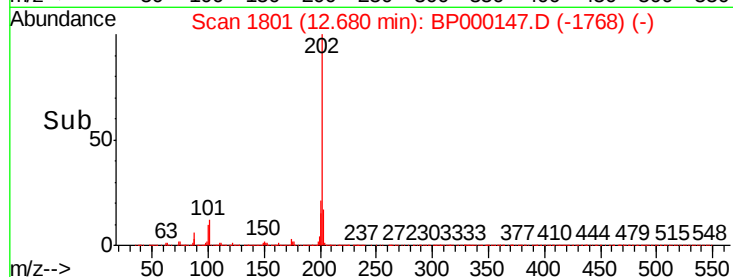
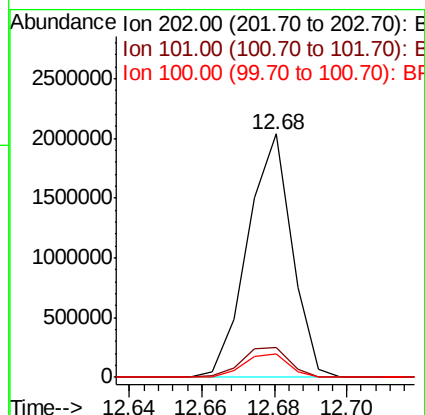
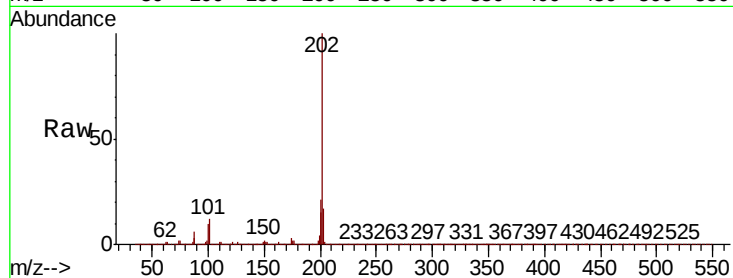
#77
Fluoranthene
Concen: 20.011 ng/ul
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleID :
F2D01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	9.5	7.4	11.2

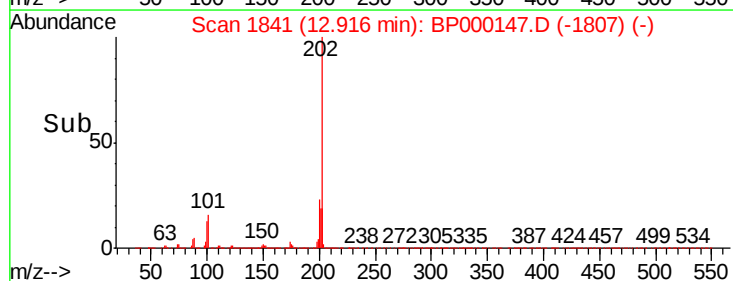
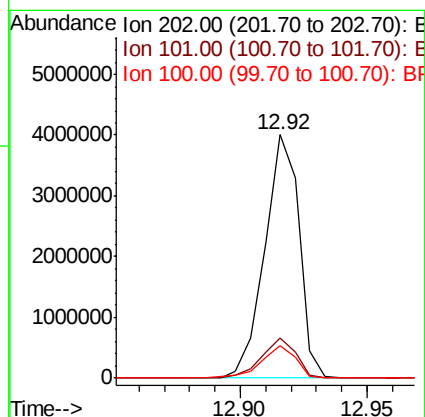
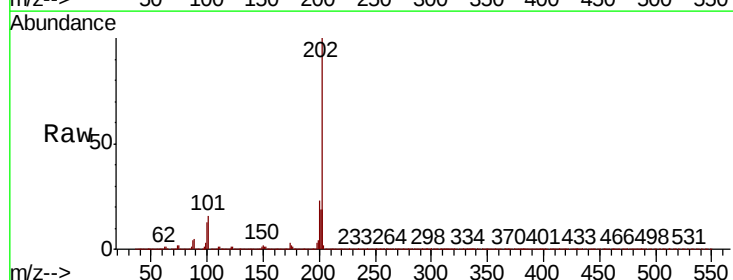
Manual Integrations
APPROVED

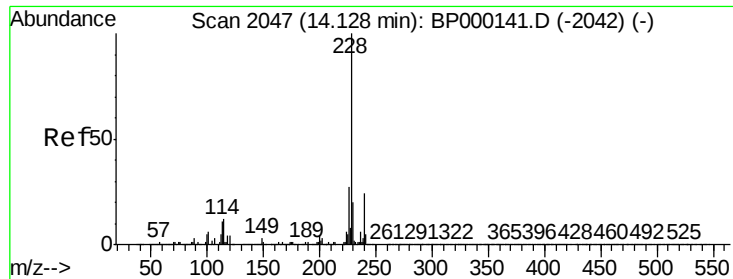
mohammad
9/10/2019 2:52:37 PM



#80
Pyrene
Concen: 41.595 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.4	13.4	20.0
100	13.3	10.8	16.2





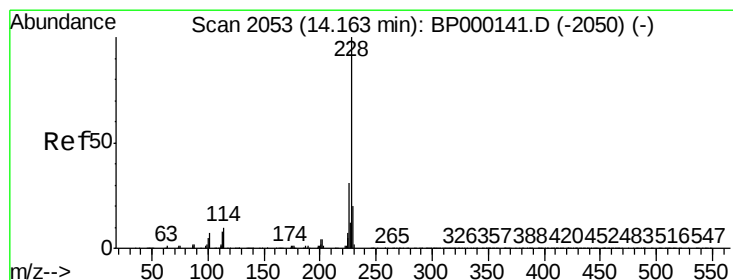
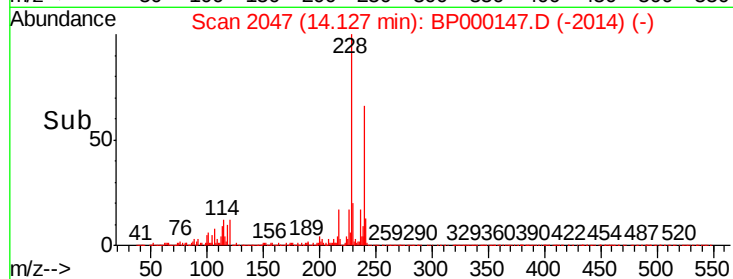
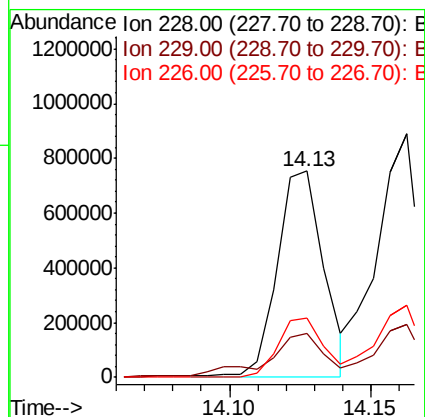
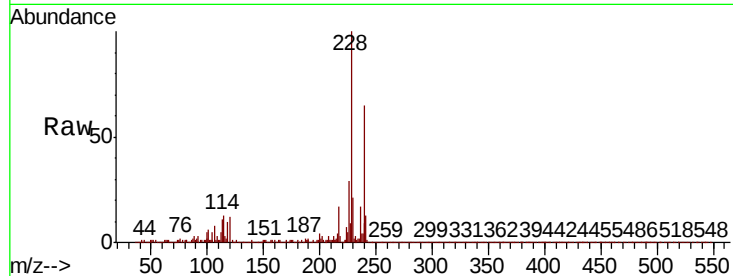
#83
Benzo(a)anthracene
Concen: 9.802 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :
F2D01MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
229	21.3	15.9	23.9	
226	29.0	22.1	33.1	

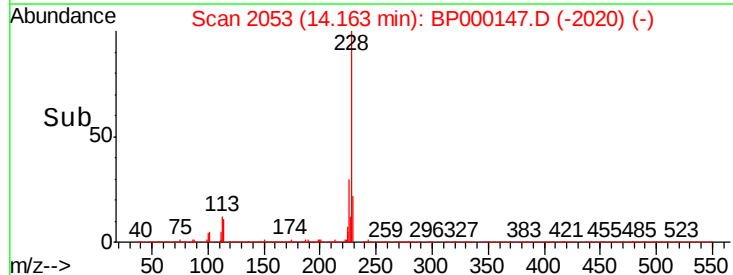
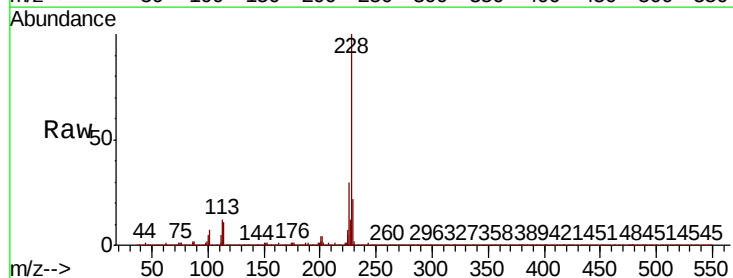
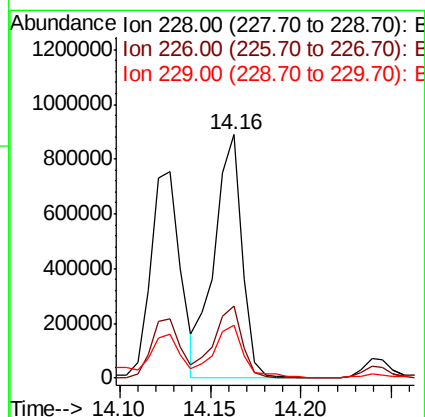
Manual Integrations
APPROVED

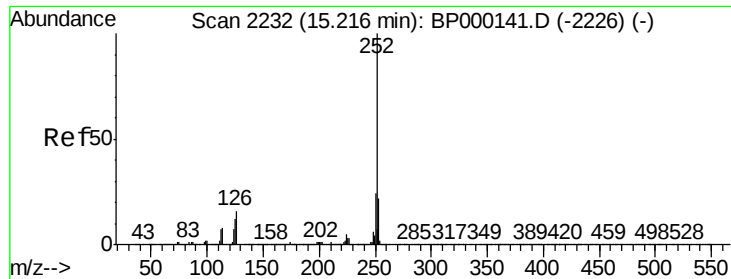
mohammad
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#85
Chrysene
Concen: 11.767 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.7	24.4	36.6	
229	21.5	16.0	24.0	





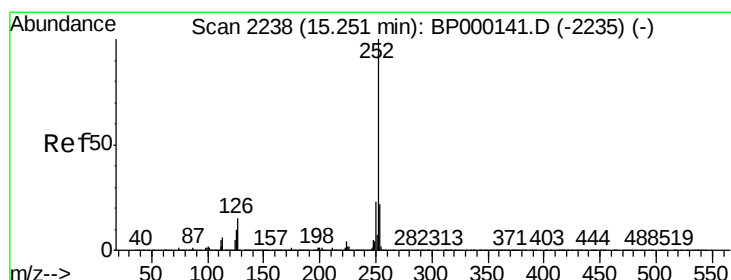
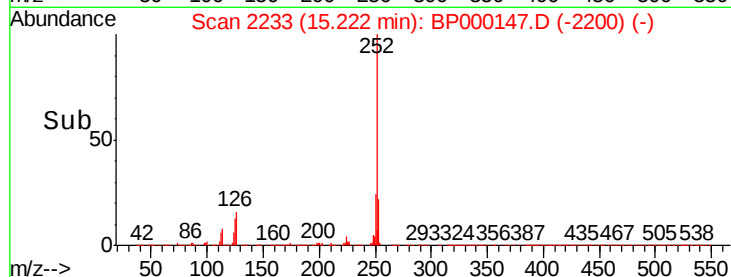
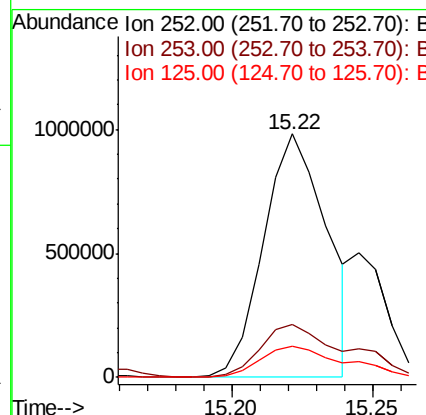
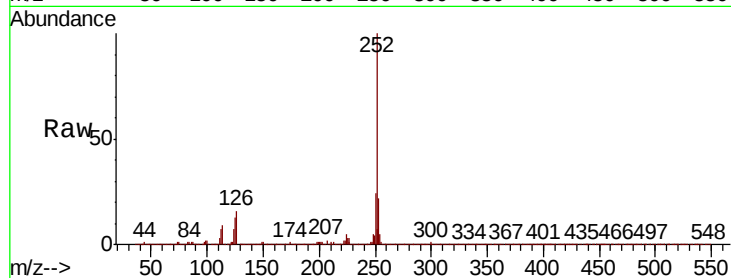
#88
Benzo(b)fluoranthene
Concen: 18.239 ng/ul
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :
F2D01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	13.0	9.9	14.9

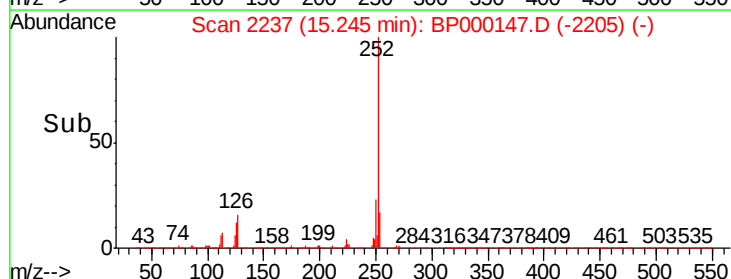
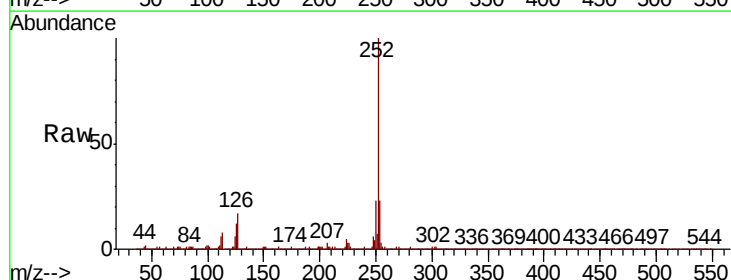
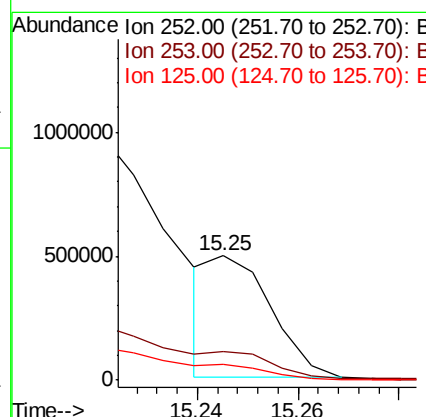
Manual Integrations
APPROVED

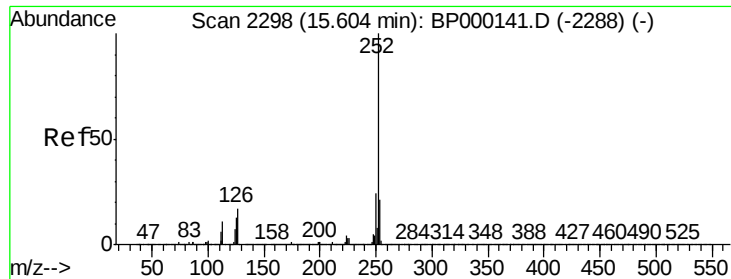
mohammad
9/10/2019 2:52:37 PM



#89
Benzo(k)fluoranthene
Concen: 5.183 ng/ul m
RT: 15.25 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	12.2	10.2	15.2





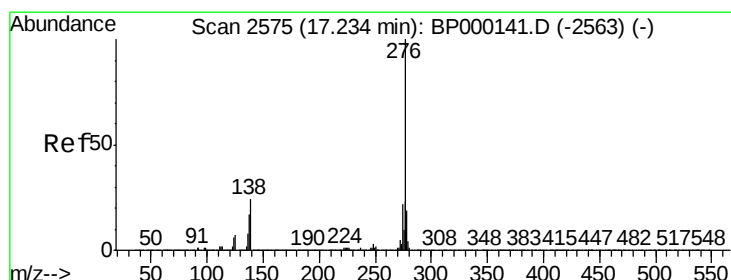
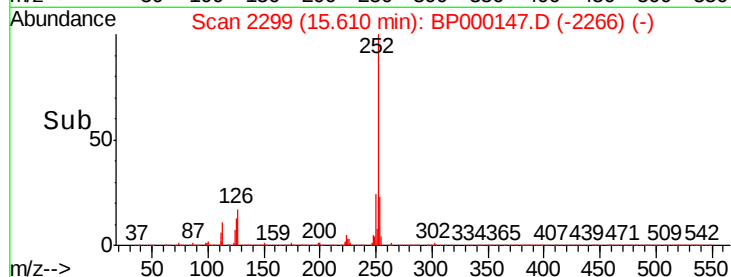
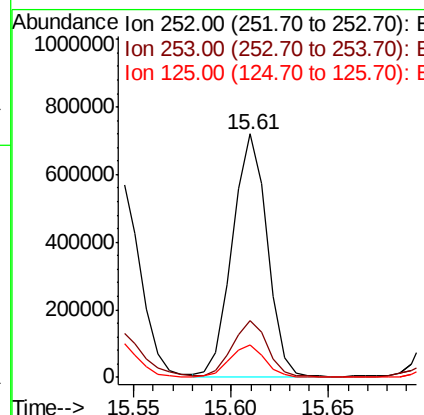
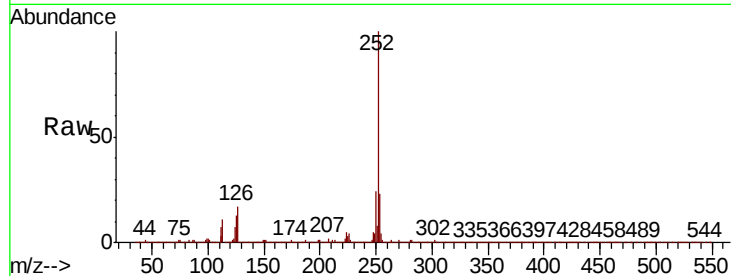
#91
Benzo(a)pyrene
Concen: 11.309 ng/ul
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampled :
F2D01MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.5	26.3
125	13.4	10.2	15.2

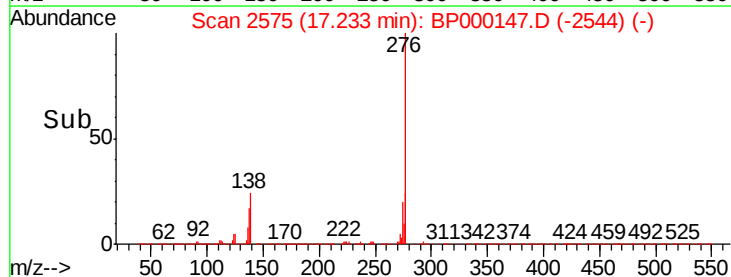
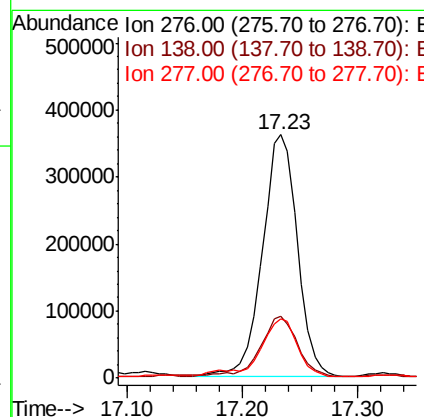
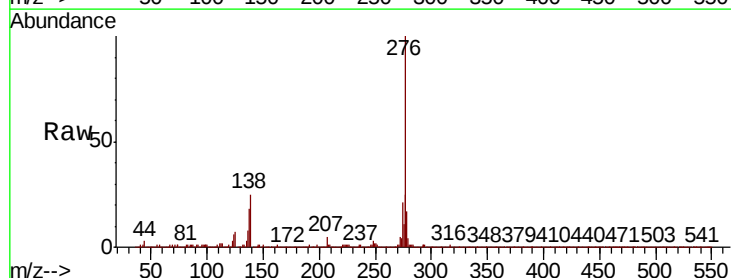
Manual Integrations
APPROVED

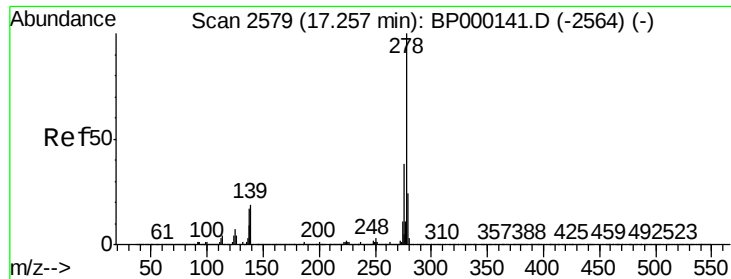
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 8.374 ng/ul
RT: 17.23 min Scan# 2575
Delta R.T. -0.02 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.4	20.0	30.0
277	24.6	19.4	29.0





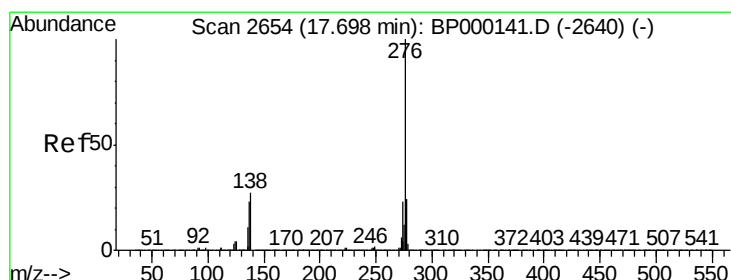
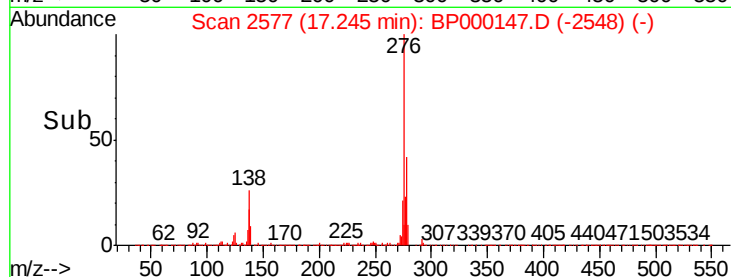
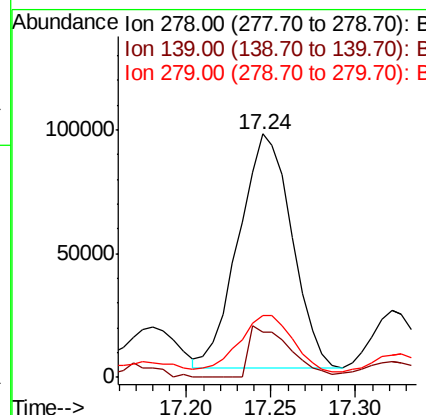
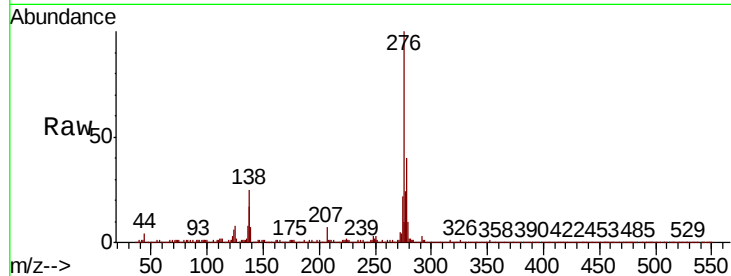
#93
Dibenzo(a,h)anthracene
Concen: 2.742 ng/ul
RT: 17.24 min Scan# 2577
Delta R.T. -0.03 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Instrument :
BNA_P
ClientSampleId :
F2D01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.1	22.7
279	25.6	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/10/2019 2:52:37 PM



#94
Benzo(g,h,i)perylene
Concen: 8.836 ng/ul
RT: 17.70 min Scan# 2654
Delta R.T. -0.02 min
Lab File: BP000147.D
Acq: 09 Sep 2019 21:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.0	30.0
277	23.1	19.1	28.7

