

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
 Data File : BP000149.D
 Acq On : 09 Sep 2019 22:04
 Operator : HP/JU
 Sample : K4634-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D21MS

Manual Integrations
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 9/10/2019 2:52:35 PM

Quant Time: Sep 10 05:16:34 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	417249	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1613327	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	870314	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1558675	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1179471	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1229606	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	42603	3.62	ng/uL	0.00
5) Phenol-d5	6.51	99	738780	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	412030	22.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	625344	21.76	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	509664	19.09	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	296401	24.20	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	309231	25.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	544470	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	519196	16.59	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1590678	24.75	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1870519	23.55	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	201919	17.58	ng/ul	0.00
58) Fluorene-d10	10.47	176	1265074	23.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	142210	19.85	ng/ul	0.00
71) Anthracene-d10	11.50	188	1665352	22.06	ng/ul	0.00
79) Pyrene-d10	12.90	212	1822937	25.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	1582211	24.82	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.52	94	838127	22.628	ng/ul 99
10) 2-Chlorophenol	6.68	128	582224	19.190	ng/ul 97
15) N-Nitroso-di-n-propylamine	7.29	70	401716	21.351	ng/ul 98
33) 4-Chloro-3-methylphenol	8.72	107	518611	20.138	ng/ul 96
45) Dimethylphthalate	9.65	163	300729	4.637	ng/ul 100
50) Acenaphthene	9.98	153	1254366	21.818	ng/ul 98
53) 4-Nitrophenol	10.04	109	167370	19.583	ng/ul 92
55) 2,4-Dinitrotoluene	10.12	165	365111	21.617	ng/ul# 99
69) Pentachlorophenol	11.25	266	197207	18.276	ng/ul 99
70) Phenanthrene	11.47	178	940021	10.198	ng/ul 99
72) Anthracene	11.52	178	155243	1.712	ng/ul 99
75) Carbazole	11.68	167	147383	1.900	ng/ul 98
77) Fluoranthene	12.68	202	2864791	30.814	ng/ul 96
80) Pyrene	12.92	202	4093330	46.000	ng/ul 99
83) Benzo(a)anthracene	14.13	228	1435175	16.810	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	14.15	149	83630	1.725	ng/ul 100
85) Chrysene	14.16	228	1434001	18.303	ng/ul 98
88) Benzo(b)fluoranthene	15.23	252	2221667	27.261	ng/ul 97
89) Benzo(k)fluoranthene	15.25	252	502214m	6.537	ng/ul
91) Benzo(a)pyrene	15.62	252	1265242	16.547	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	17.24	276	1026808	11.673	ng/ul 99
93) Dibenzo(a,h)anthracene	17.25	278	268410m	3.684	ng/ul
94) Benzo(g,h,i)perylene	17.71	276	1017188	13.869	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

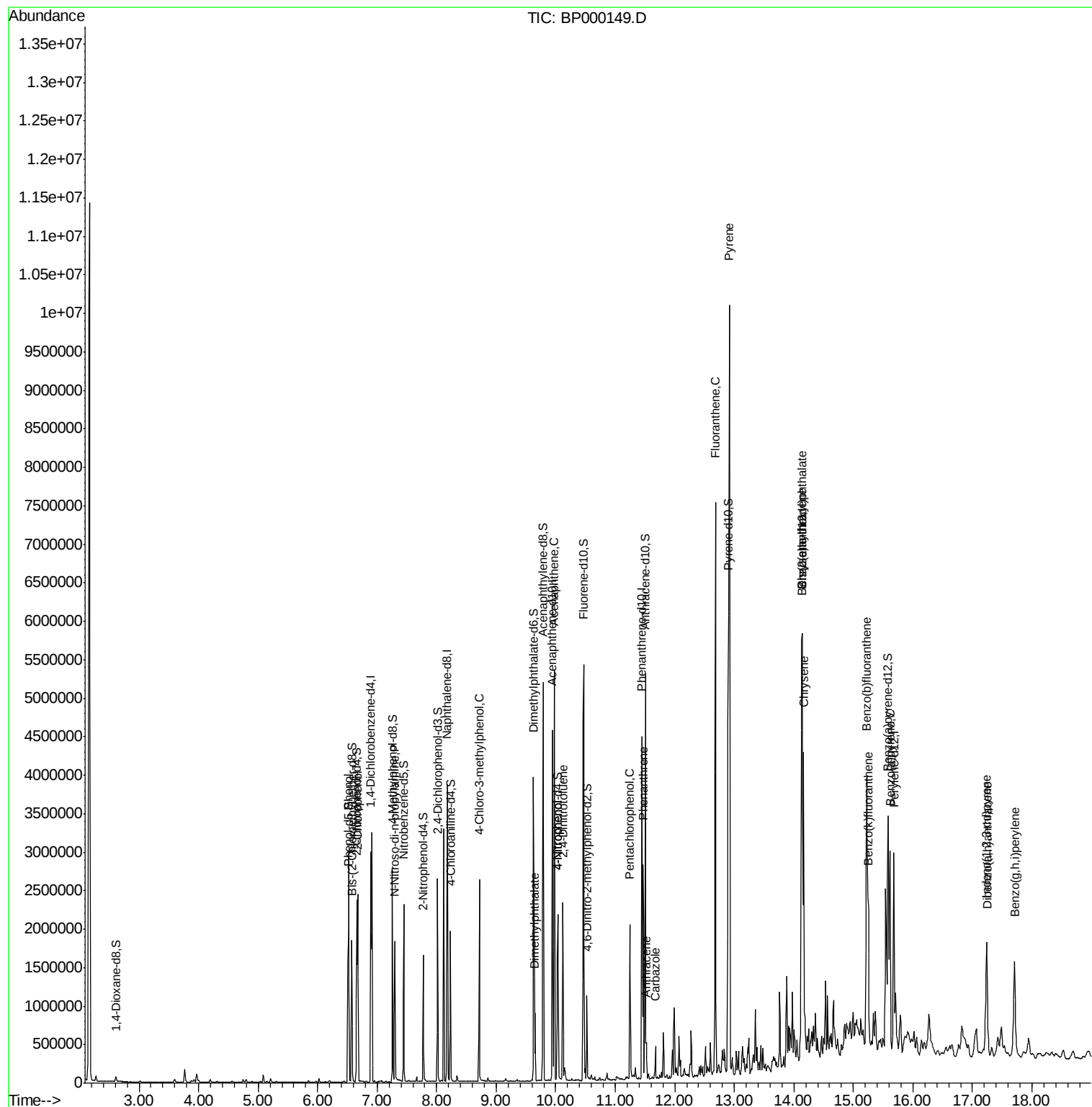
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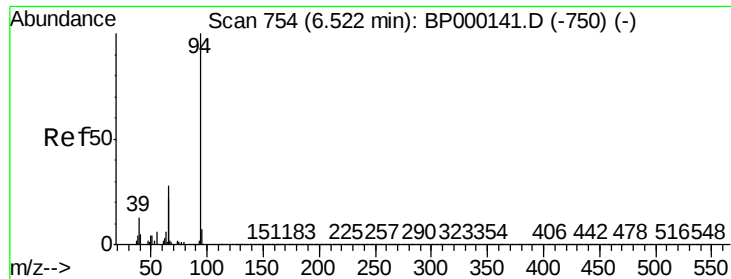
Instrument :
BNA_P
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Quant Title : SVOA CALIBRATION
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#6

Phenol

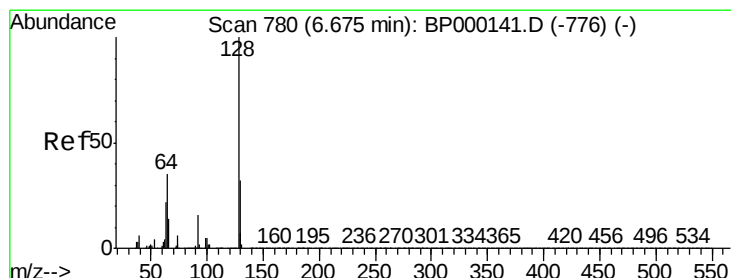
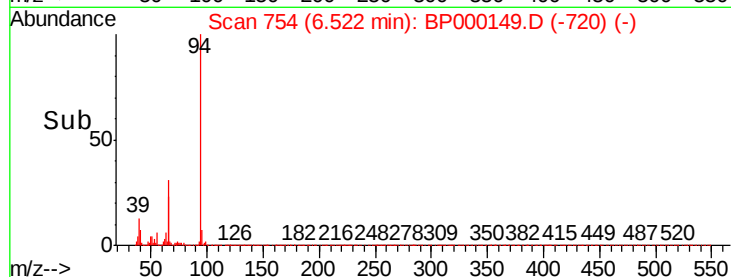
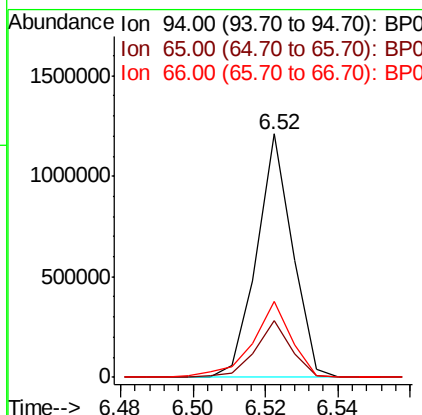
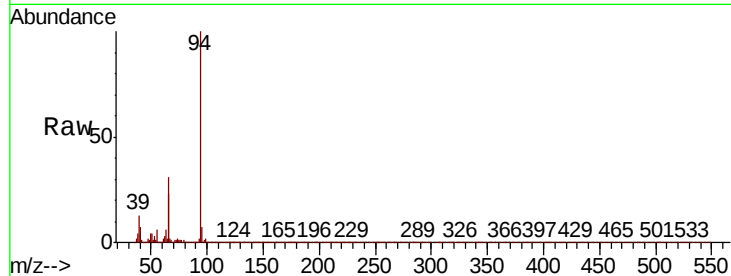
Concen: 22.628 ng/ul
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :
F2D21MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	23.3	18.8	28.2
66	31.0	24.2	36.2

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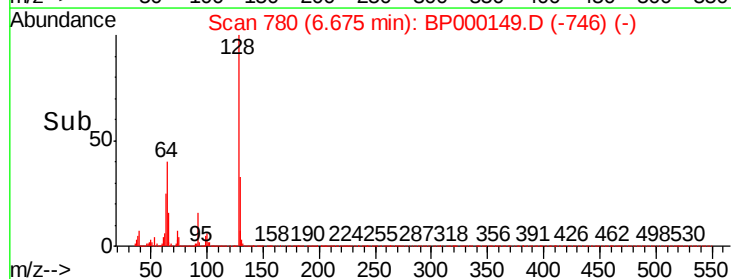
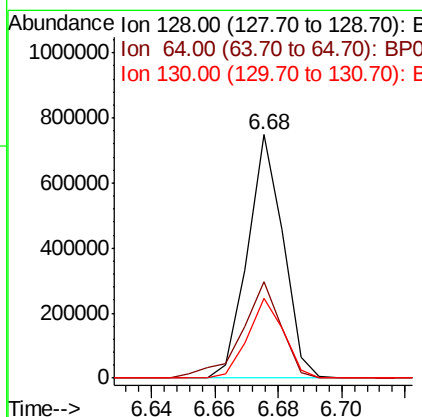
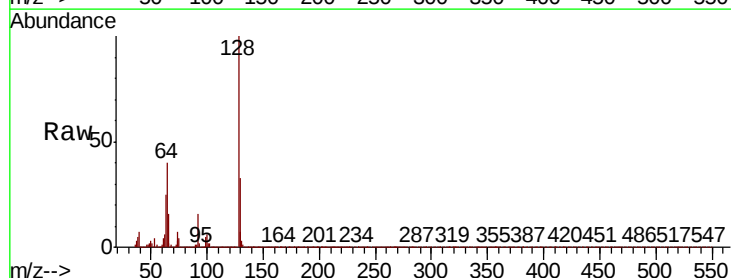


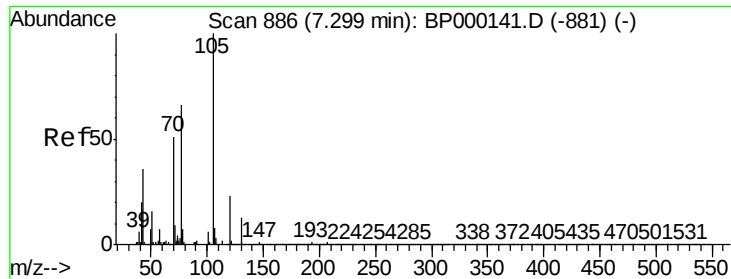
#10

2-Chlorophenol

Concen: 19.190 ng/ul
RT: 6.68 min Scan# 780
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion	Ratio	Lower	Upper
128	100		
64	39.8	29.6	44.4
130	32.7	26.2	39.4





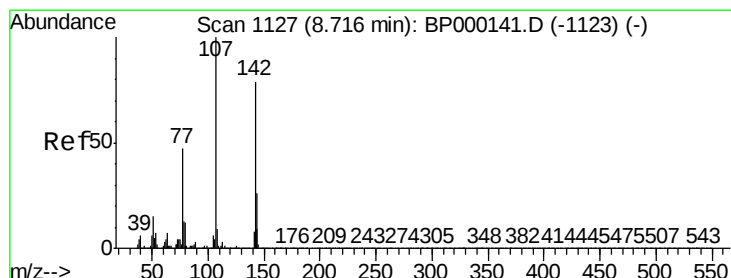
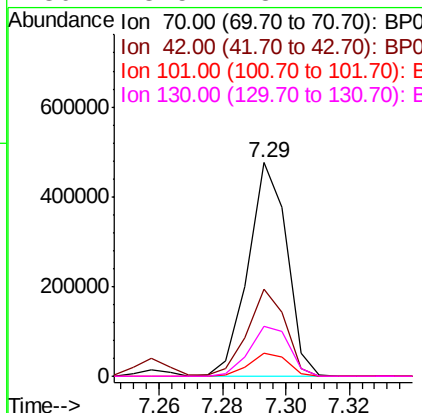
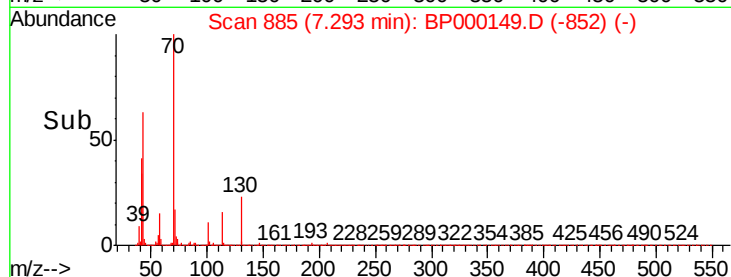
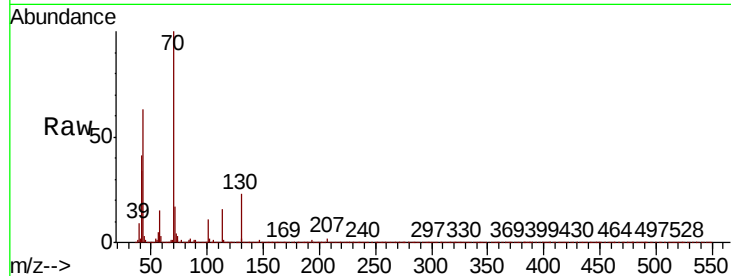
#15
N-Nitroso-di-n-propylamine
Concen: 21.351 ng/ul
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :
F2D21MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	40.5	33.7	50.5
101	10.9	8.4	12.6
130	23.5	18.1	27.1

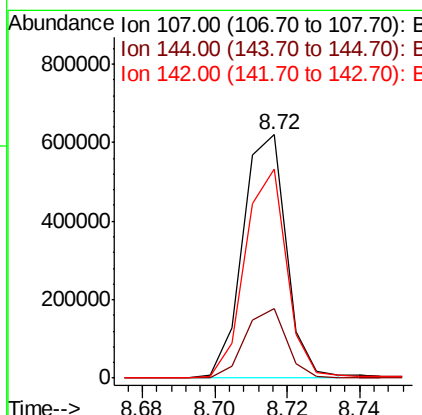
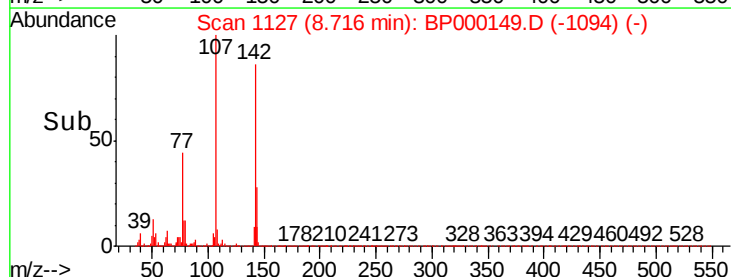
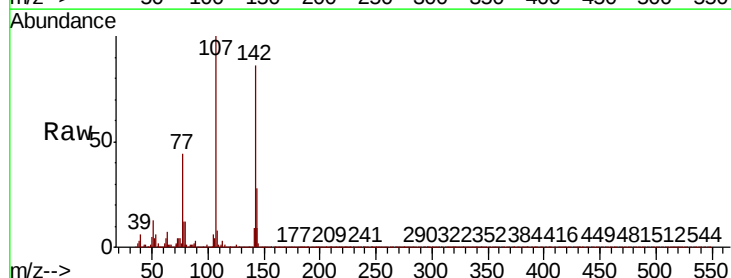
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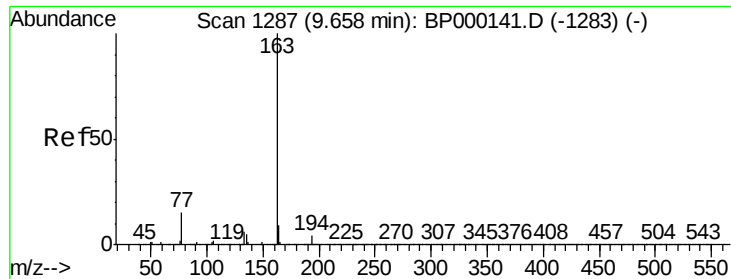
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#33
4-Chloro-3-methylphenol
Concen: 20.138 ng/ul
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	21.5	32.3
142	86.0	65.8	98.8





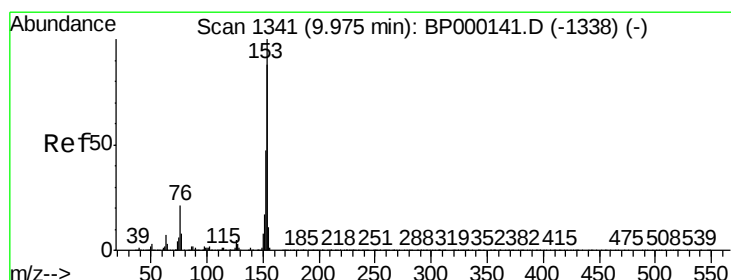
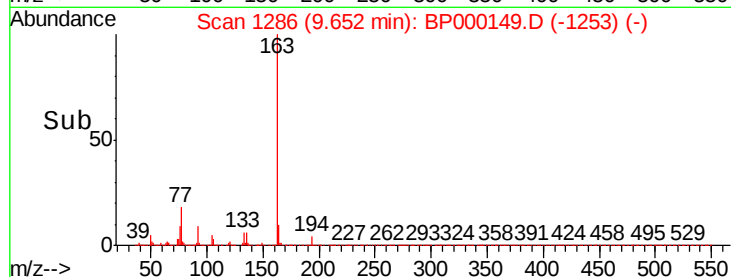
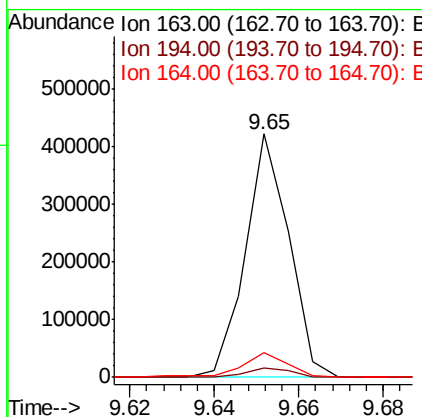
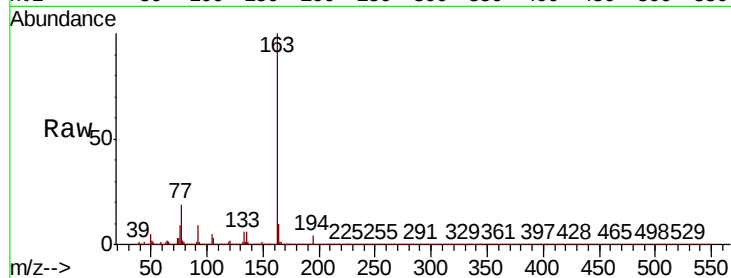
#45
Dimethylphthalate
Concen: 4.637 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :
F2D21MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	3.2	4.8	
164	10.4	8.4	12.6	

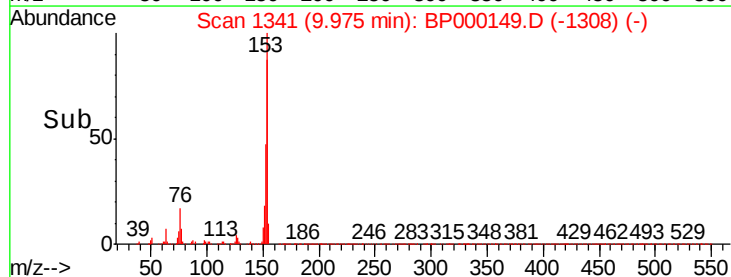
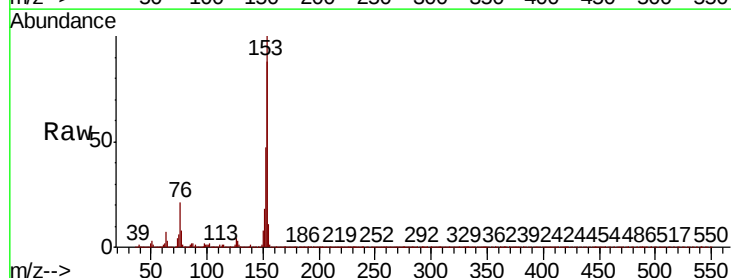
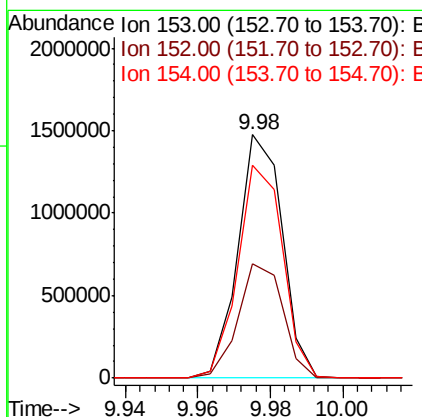
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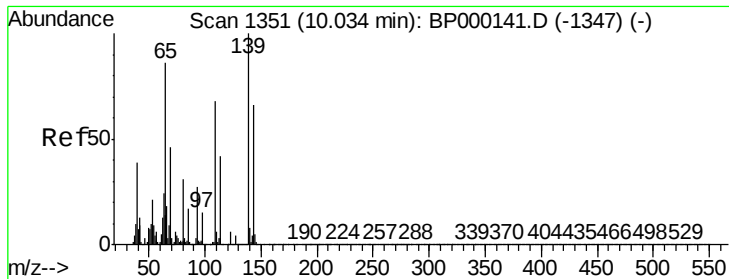
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#50
Acenaphthene
Concen: 21.818 ng/ul
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
153	100			
152	47.0	38.0	57.0	
154	87.5	72.6	108.8	





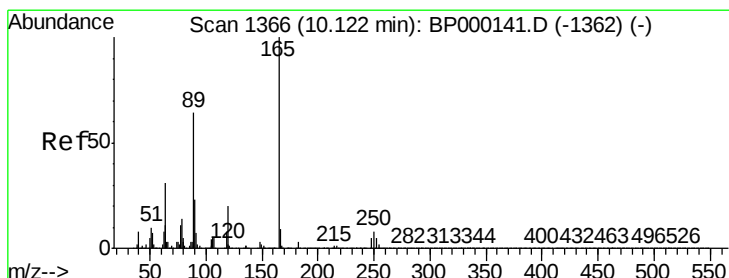
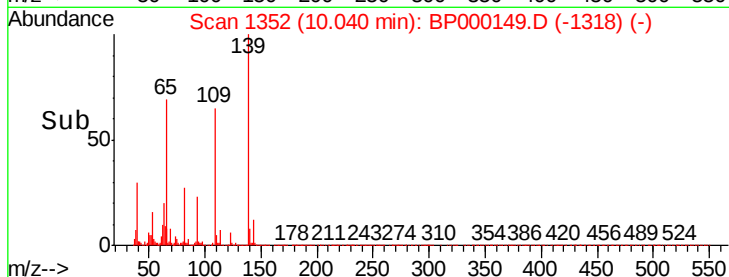
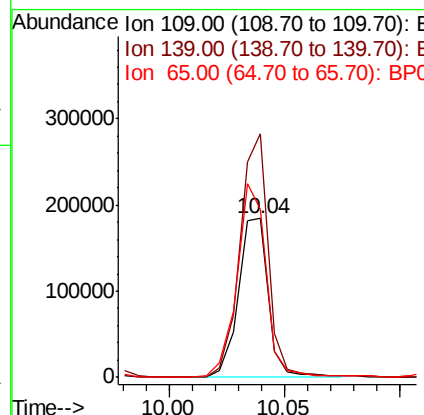
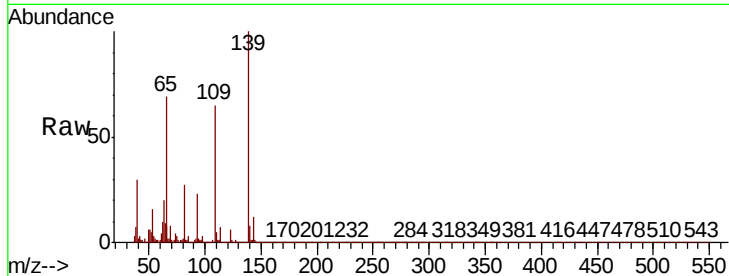
#53
4-Nitrophenol
Concen: 19.583 ng/ul
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :
F2D21MS

Tot Ion	Ratio	Resp	Lower	Upper
109	100	167370		
139	153.6	118.6	177.8	
65	106.1	95.4	143.2	

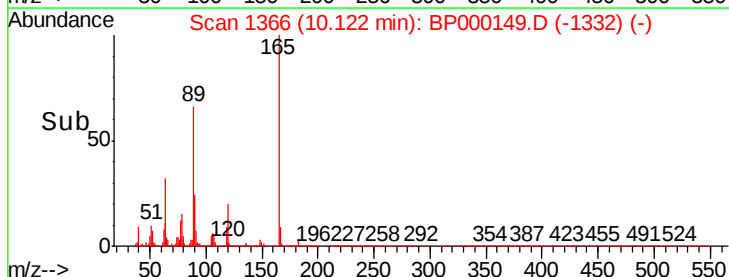
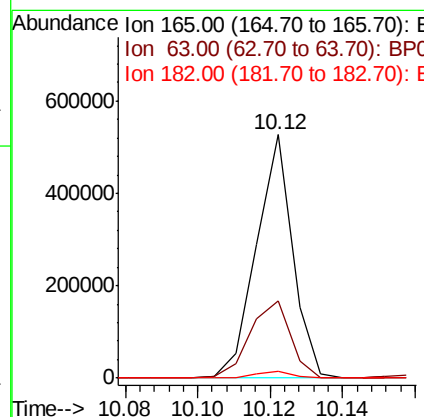
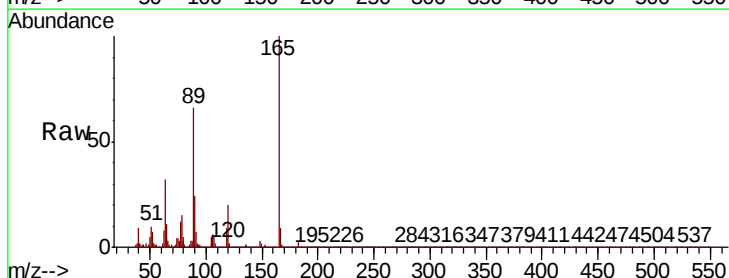
Manual Integrations
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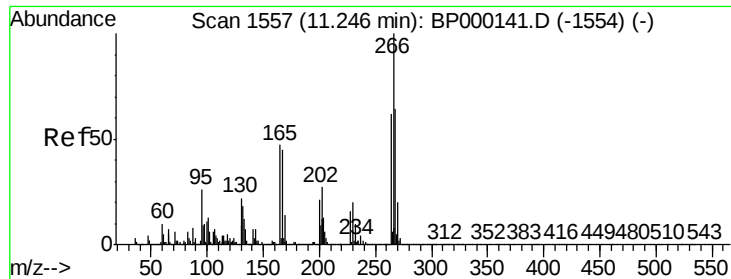
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#55
2,4-Dinitrotoluene
Concen: 21.617 ng/ul
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	365111		
63	31.6	25.4	38.0	
182	2.9	3.1	4.7#	





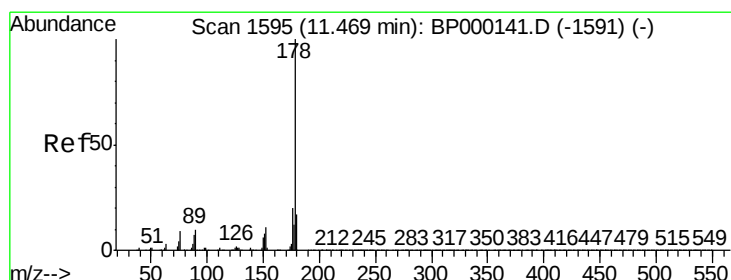
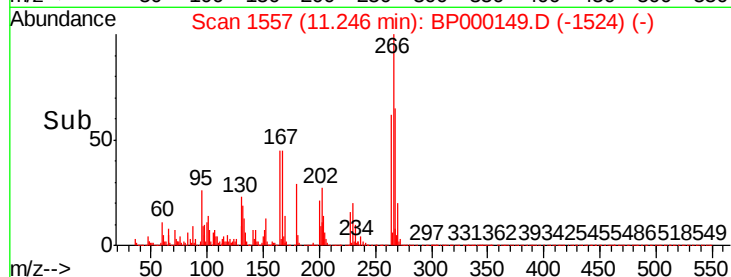
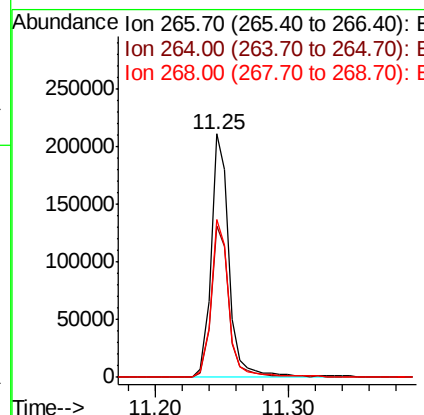
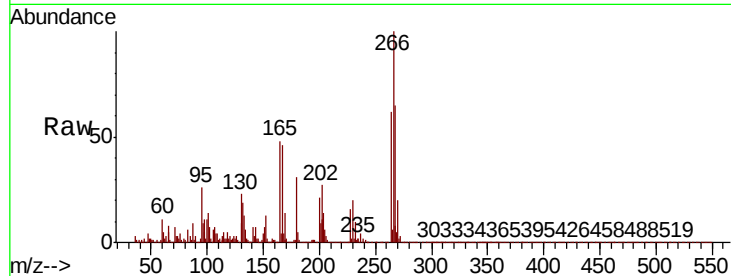
#69
 Pentachlorophenol
 Concen: 18.276 ng/ul
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BP000149.D
 Acq: 09 Sep 2019 22:04

Instrument :
 BNA_P
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 F2D21MS

Tot Ion:	266	Resp:	197207
Ion Ratio		Lower	Upper
266	100		
264	62.1	50.6	75.8
268	65.0	51.2	76.8

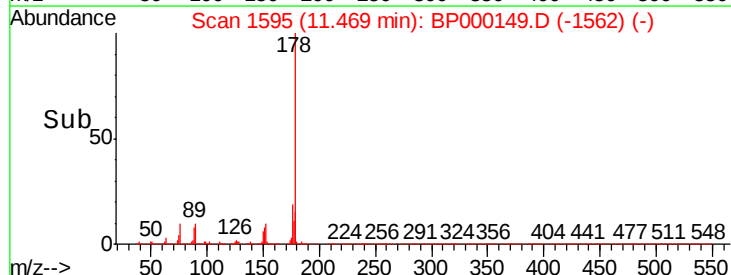
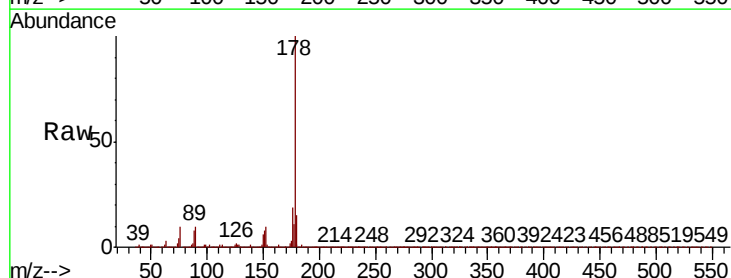
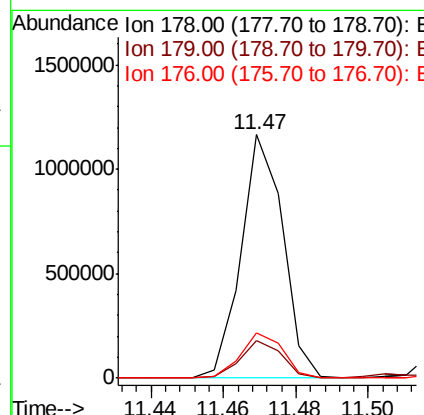
Manual Integrations
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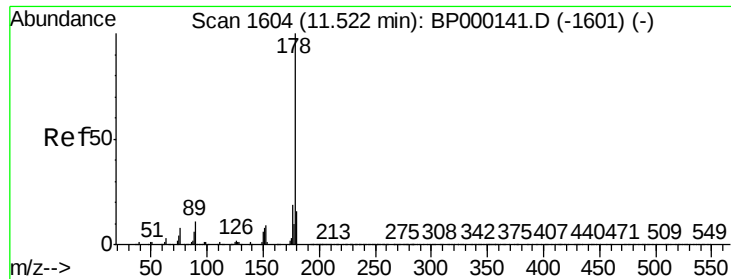
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#70
 Phenanthrene
 Concen: 10.198 ng/ul
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BP000149.D
 Acq: 09 Sep 2019 22:04

Tgt Ion:	178	Resp:	940021
Ion Ratio		Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.8	15.7	23.5





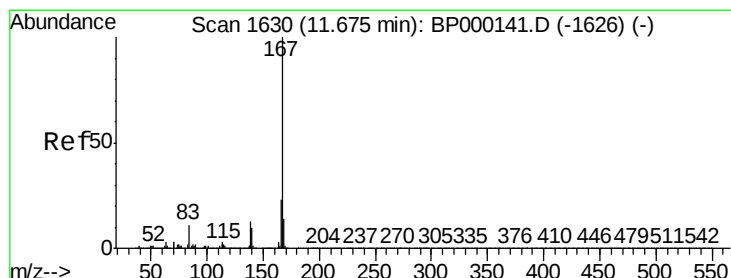
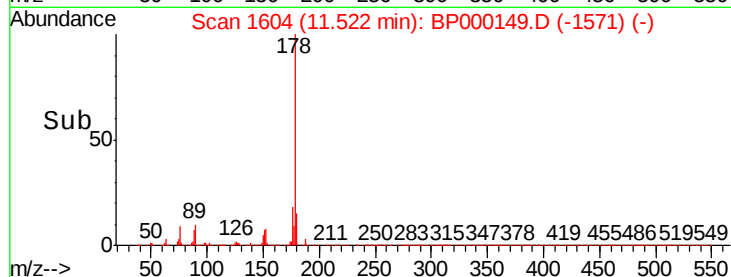
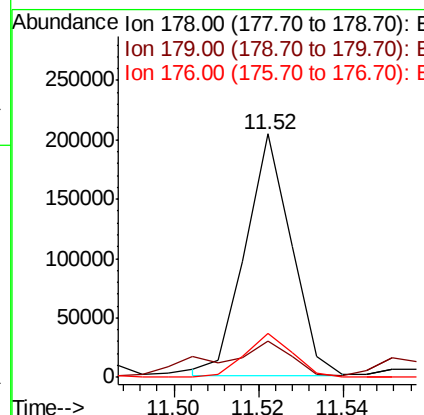
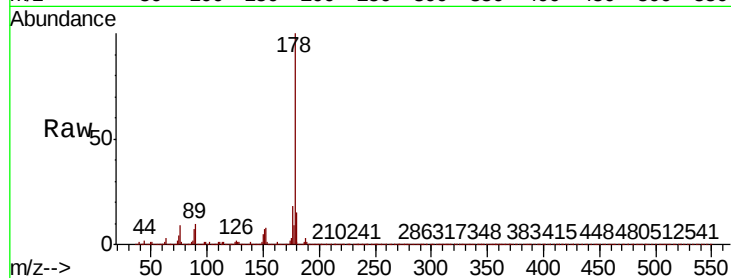
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 Anthracene
 Concen: 1.712 ng/ul
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BP000149.D
 Acq: 09 Sep 2019 22:04

Instrument :
 BNA_P
 ClientSampled :
 F2D21MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.1	15.1	22.7

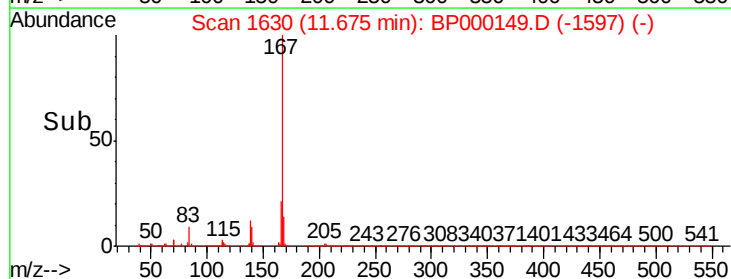
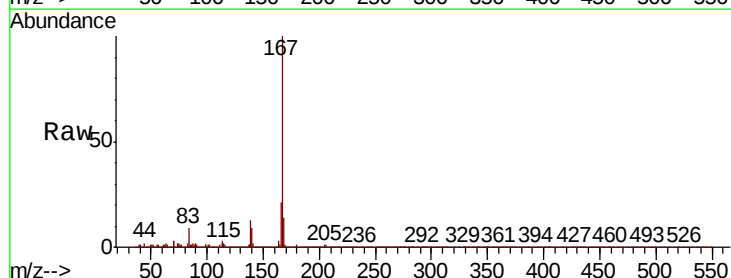
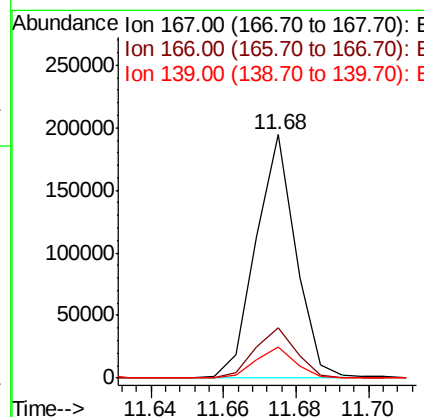
Manual Integrations
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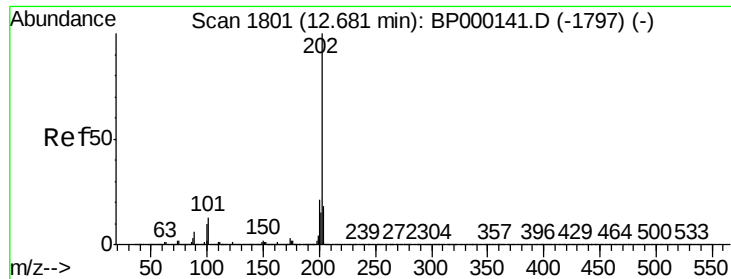
mohammad
 9/10/2019 2:52:35 PM



#75
 Carbazole
 Concen: 1.900 ng/ul
 RT: 11.68 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BP000149.D
 Acq: 09 Sep 2019 22:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.3	25.9
139	12.7	10.6	15.8





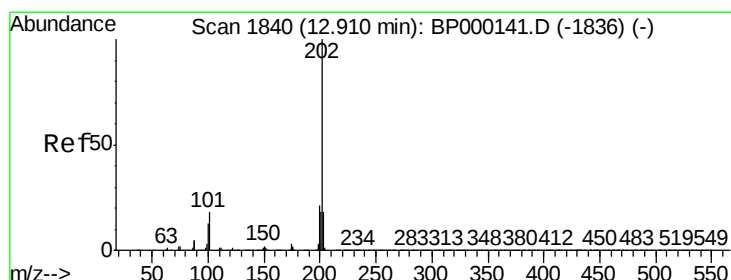
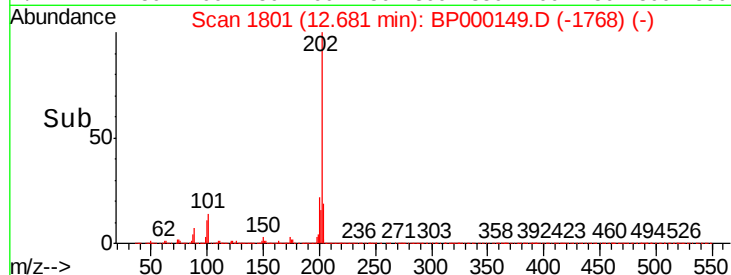
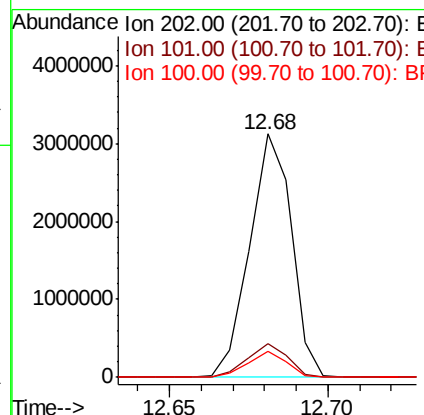
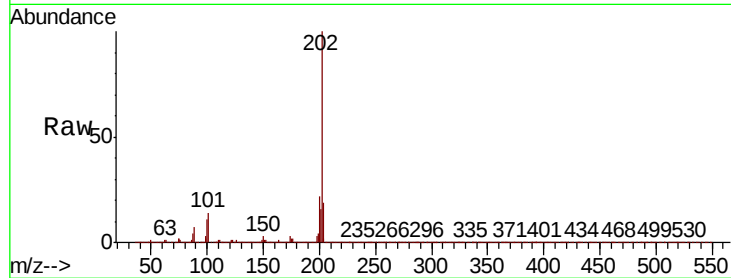
#77
Fluoranthene
Concen: 30.814 ng/ul
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :
F2D21MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.0	15.0
100	10.6	7.4	11.2

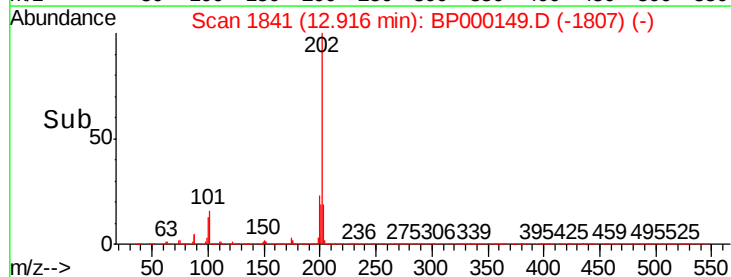
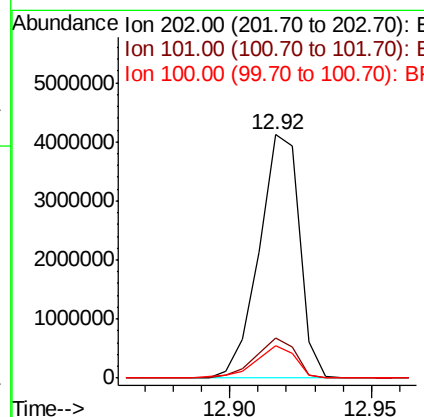
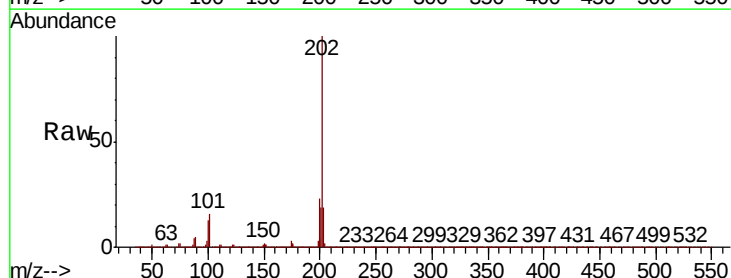
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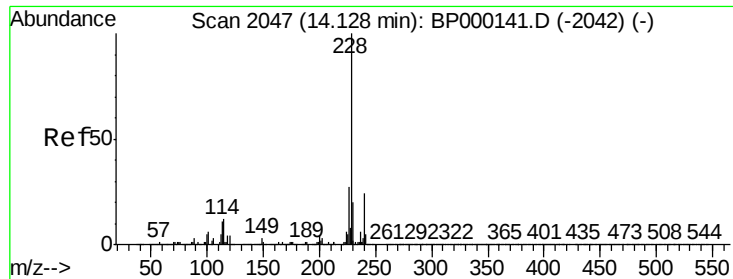
mohammad
9/10/2019 2:52:35 PM



#80
Pyrene
Concen: 46.000 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.3	13.4	20.0
100	13.3	10.8	16.2





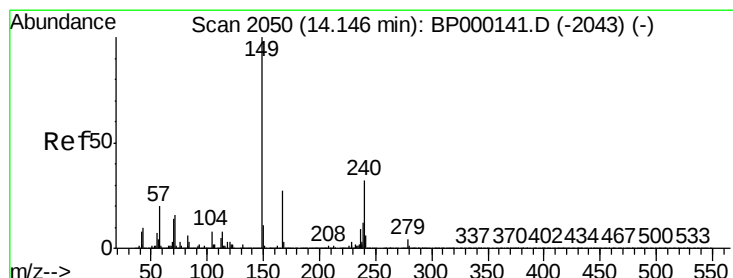
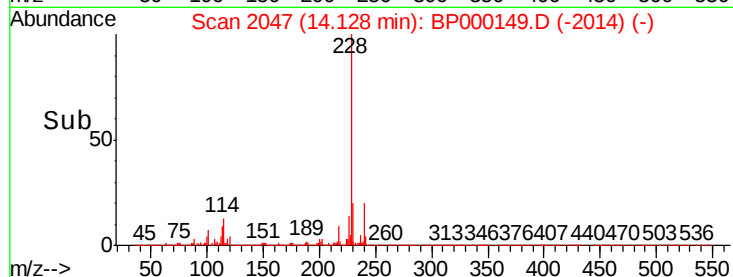
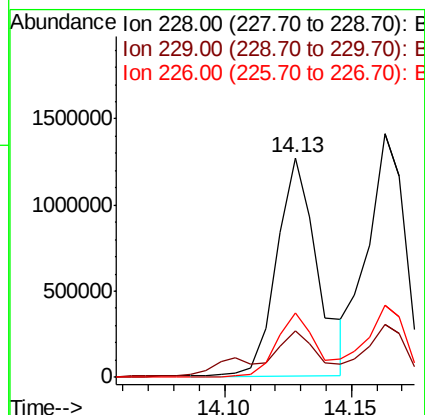
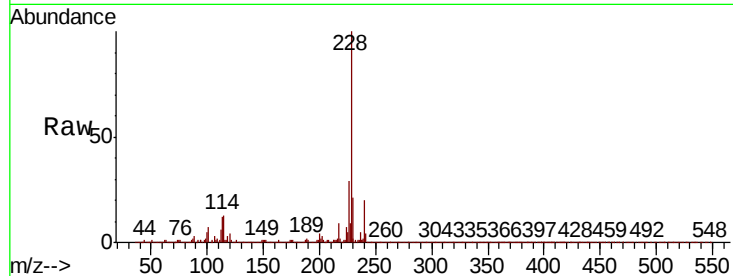
#83
Benzo(a)anthracene
Concen: 16.810 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :
F2D21MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	29.1	22.1	33.1

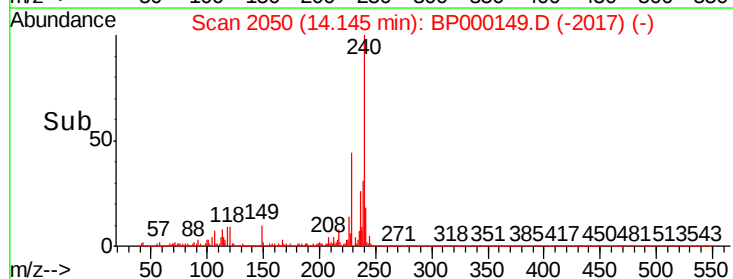
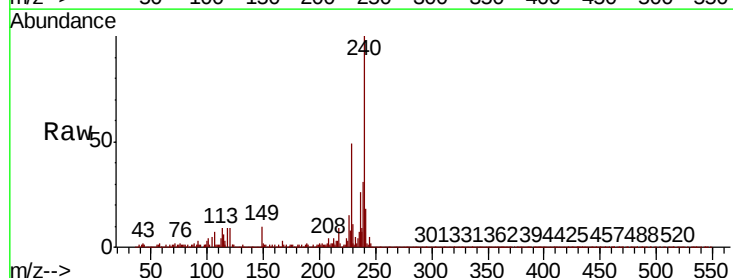
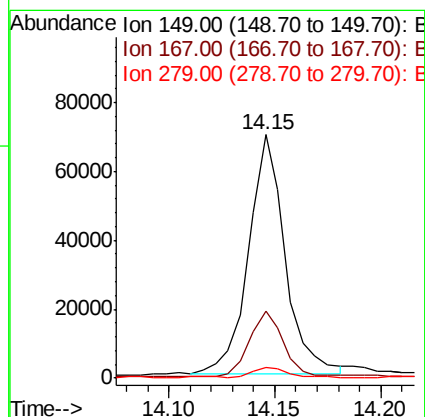
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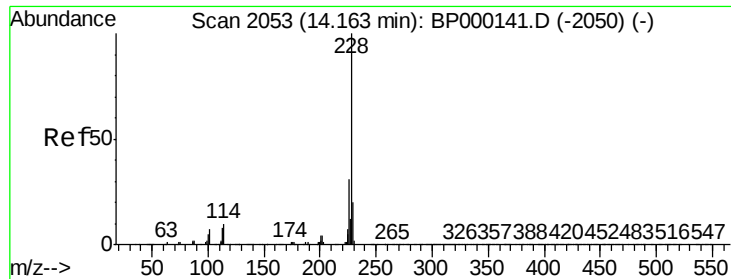
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.725 ng/ul
RT: 14.15 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.3	3.0	4.4





#85

Chrysene

Concen: 18.303 ng/ul

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BP000149.D

Acq: 09 Sep 2019 22:04

Instrument :

BNA_P

ClientSampleId :

F2D21MS

Tot Ion:228 Resp: 1434001

Ion Ratio Lower Upper

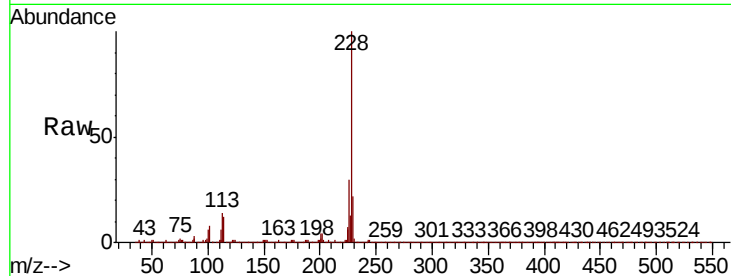
228 100

226 29.8 24.4 36.6

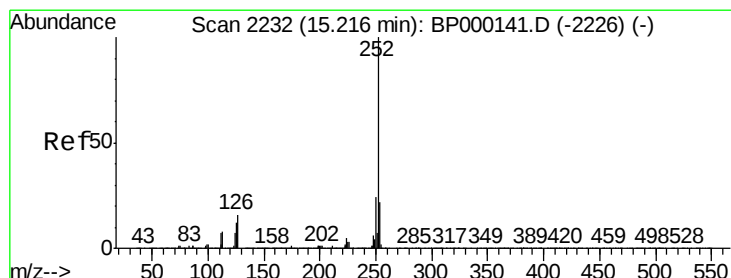
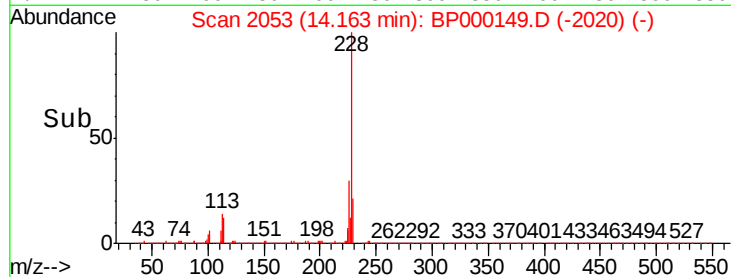
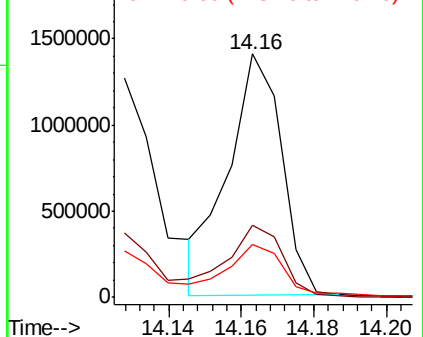
229 21.5 16.0 24.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 27.261 ng/ul

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BP000149.D

Acq: 09 Sep 2019 22:04

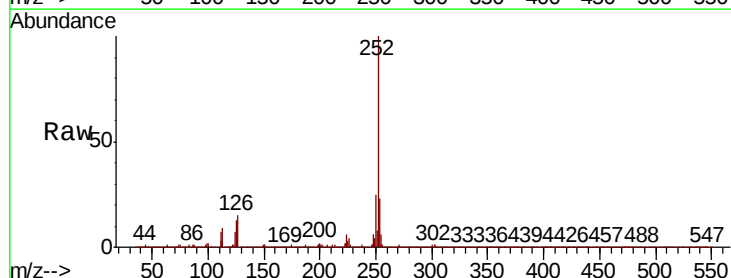
Tgt Ion:252 Resp: 2221667

Ion Ratio Lower Upper

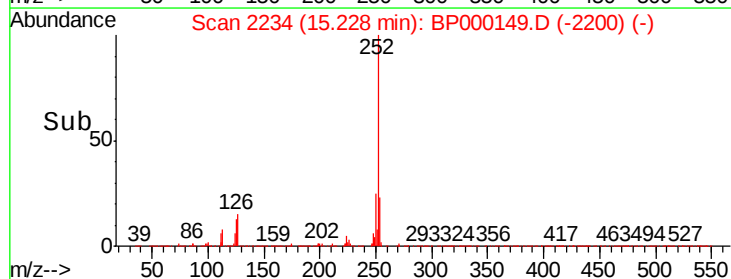
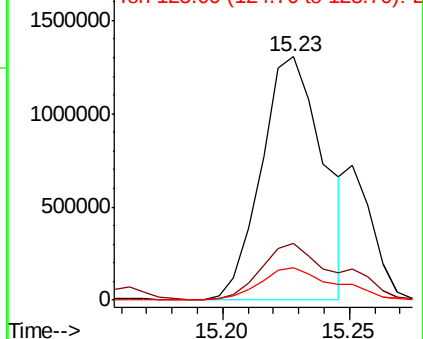
252 100

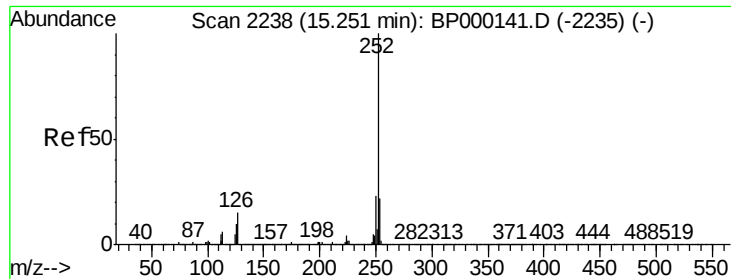
253 23.5 17.5 26.3

125 13.3 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





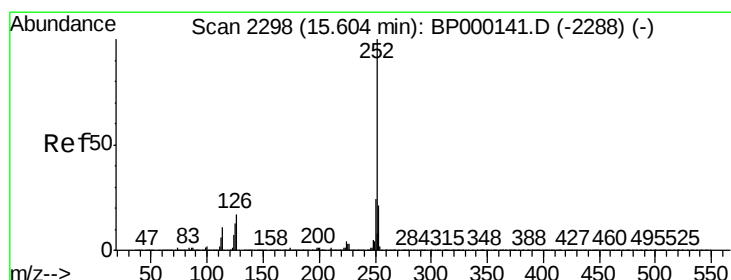
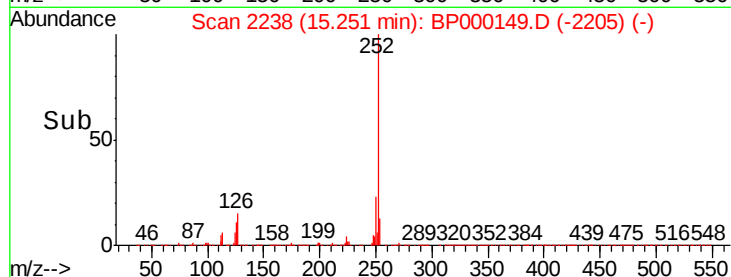
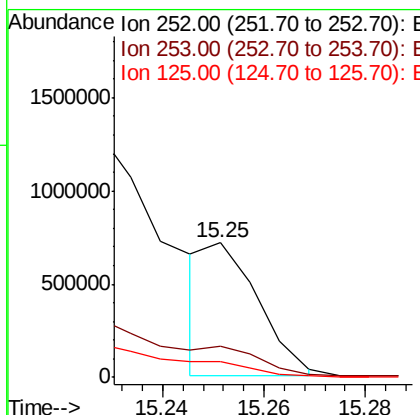
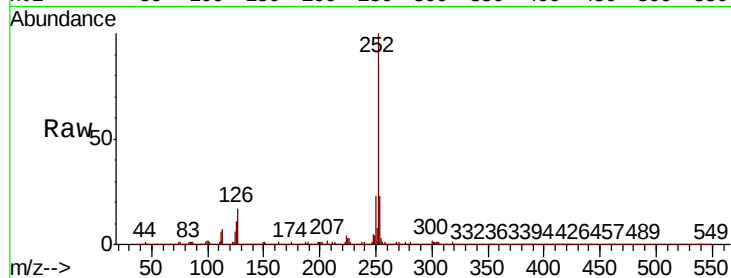
#89
Benzo(k)fluoranthene
Concen: 6.537 ng/ul m
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :
F2D21MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.5	10.2	15.2

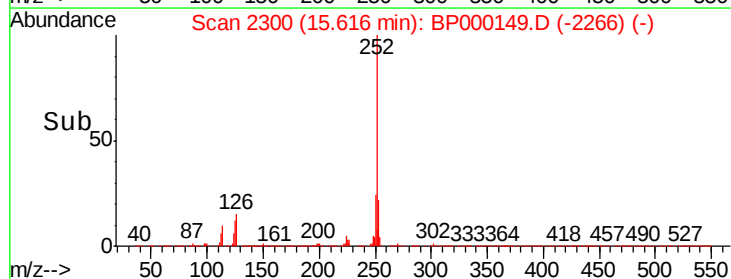
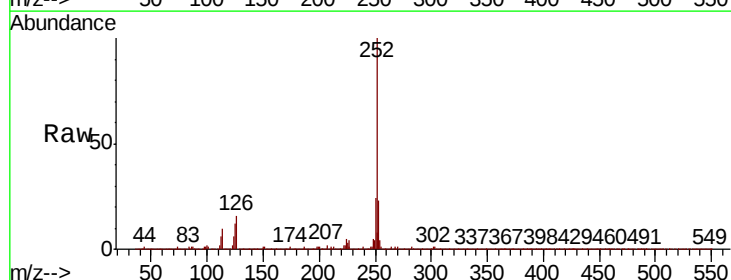
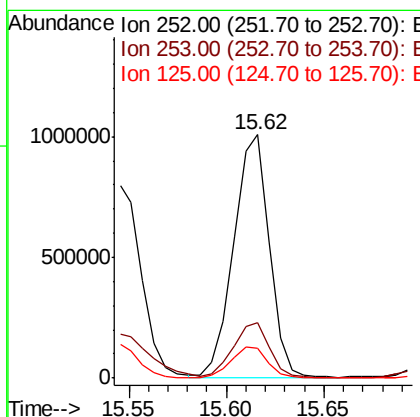
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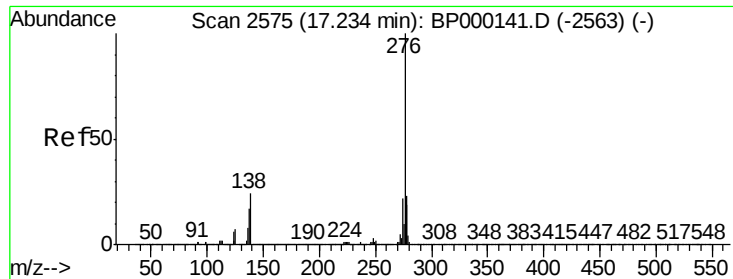
mohammad
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#91
Benzo(a)pyrene
Concen: 16.547 ng/ul
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.4	10.2	15.2





#92

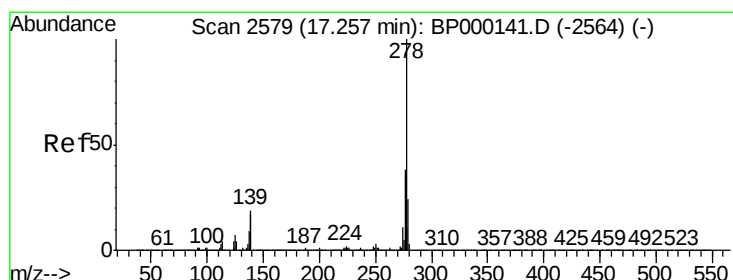
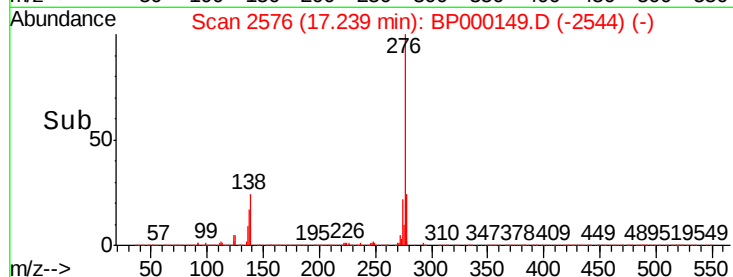
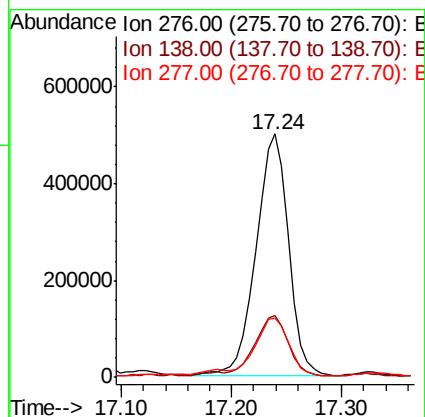
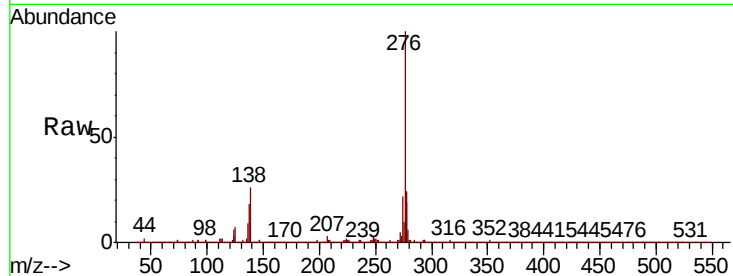
Indeno(1,2,3-cd)pyrene
Concen: 11.673 ng/ul
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Instrument :
BNA_P
ClientSampleId :
F2D21MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.0	30.0
277	24.5	19.4	29.0

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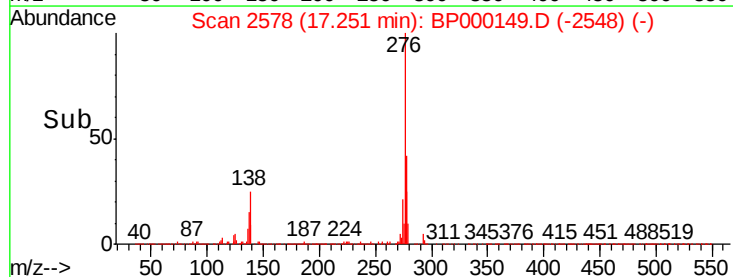
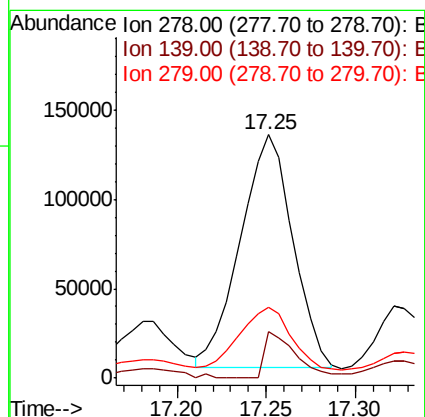
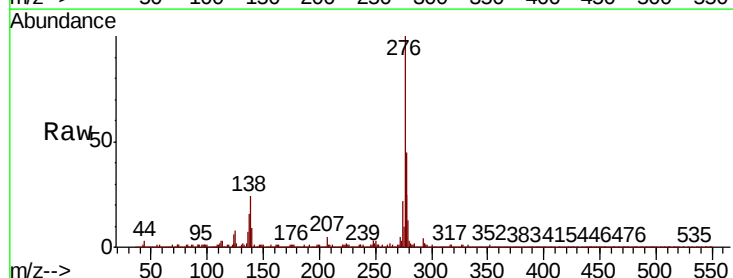
mohammad
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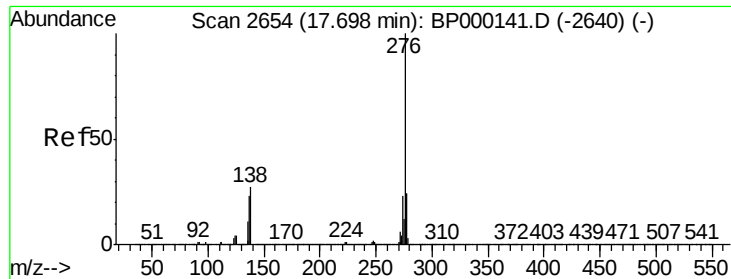


#93

Dibenzo(a,h)anthracene
Concen: 3.684 ng/ul m
RT: 17.25 min Scan# 2578
Delta R.T. -0.02 min
Lab File: BP000149.D
Acq: 09 Sep 2019 22:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.1	22.7
279	28.9	19.2	28.8#





#94

Benzo(a,h,i)perylene

Concen: 13.869 ng/ul

RT: 17.71 min Scan# 2656

Delta R.T. -0.01 min

Lab File: BP000149.D

Acq: 09 Sep 2019 22:04

Instrument :

BNA_P

ClientSampleId :

F2D21MS

Tot Ion: 276 Resp: 1017188

Ion Ratio Lower Upper

276 100

138 24.5 20.0 30.0

277 25.1 19.1 28.7

Manual Integrations

APPROVED

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