

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115416.D
 Acq On : 8 Jul 2019 20:20
 Operator : HP/JU
 Sample : K3622-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMS

Manual Integrations
 APPROVED

mohammad
 7/10/2019 9:04:32 AM

Quant Time: Jul 09 03:18:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	208023	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	846316	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	457186	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	901116	20.00	ng	0.00
76) Chrysene-d12	14.05	240	609082	20.00	ng	-0.02
87) Perylene-d12	15.53	264	581855	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1395694	103.66	ng	0.02
7) Phenol-d6	6.53	99	1776612	103.75	ng	0.00
23) Nitrobenzene-d5	7.46	82	1300457	90.79	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	647869	128.17	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2346412	90.06	ng	0.00
79) Terphenyl-d14	13.00	244	2592255	87.14	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.87	88	202317	30.635	ng	# 85
3) Pyridine	3.57	79	513066	28.096	ng	99
4) n-Nitrosodimethylamine	3.51	42	246846	33.334	ng	97
6) Aniline	6.56	93	310500	12.850	ng	99
8) 2-Chlorophenol	6.69	128	574997	37.821	ng	97
9) Benzaldehyde	6.45	77	257917	23.437	ng	99
10) Phenol	6.54	94	642464	31.359	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	571069	37.573	ng	98
12) 1,3-Dichlorobenzene	6.84	146	533199	32.012	ng	99
13) 1,4-Dichlorobenzene	6.92	146	549327	32.926	ng	100
14) 1,2-Dichlorobenzene	7.07	146	522998	33.858	ng	99
15) Benzyl Alcohol	7.03	79	543509	39.555	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	767838	36.131	ng	99
17) 2-Methylphenol	7.15	107	496040	38.085	ng	100
18) Hexachloroethane	7.42	117	200093	32.194	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	438023	37.810	ng	99
20) 3+4-Methylphenols	7.30	107	598151	38.879	ng	91
22) Acetophenone	7.30	105	819330	40.402	ng	97
24) Nitrobenzene	7.47	77	654800	40.477	ng	98
25) Isophorone	7.72	82	1263485	40.695	ng	99
26) 2-Nitrophenol	7.79	139	318236	47.850	ng	99
27) 2,4-Dimethylphenol	7.83	122	577969	45.574	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	775869	40.525	ng	100
29) 2,4-Dichlorophenol	8.03	162	542845	42.976	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	547954	38.967	ng	100
31) Naphthalene	8.20	128	1666793	39.651	ng	100
32) Benzoic acid	7.92	122	151676	20.393	ng	95
33) 4-Chloroaniline	8.24	127	130306	6.948	ng	99
34) Hexachlorobutadiene	8.32	225	296927	37.234	ng	98
35) Caprolactam	8.62	113	147318m	35.809	ng	
36) 4-Chloro-3-methylphenol	8.73	107	588912	44.078	ng	97
37) 2-Methylnaphthalene	8.89	142	1183445	42.119	ng	99
38) 1-Methylnaphthalene	8.99	142	1118829	41.734	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	516874	39.298	ng	99

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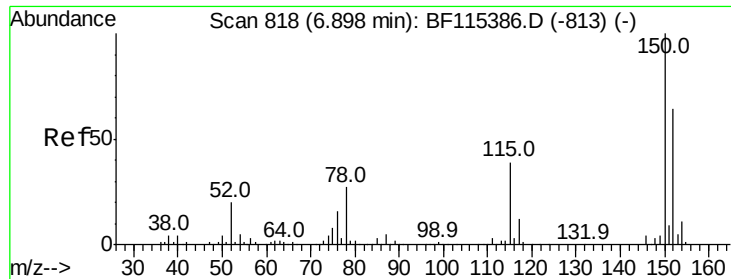
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	586741	76.968	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	409076	42.721	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	435275	43.839	nq	98
46) 1,1'-Biphenyl	9.36	154	1487063	41.374	nq	99
47) 2-Chloronaphthalene	9.38	162	1183547	39.843	nq	100
48) 2-Nitroaniline	9.47	65	381340	43.695	nq	99
49) Acenaphthylene	9.80	152	1815412	40.365	nq	100
50) Dimethylphthalate	9.66	163	1461418	42.588	nq	100
51) 2,6-Dinitrotoluene	9.72	165	337355	45.330	nq	86
52) Acenaphthene	9.97	154	1167016	41.230	nq	99
53) 3-Nitroaniline	9.87	138	136458	15.787	nq	99
54) 2,4-Dinitrophenol	9.98	184	145457	49.495	nq	# 78
55) Dibenzofuran	10.14	168	1660982	41.658	nq	99
56) 4-Nitrophenol	10.04	139	550189	82.271	nq	98
57) 2,4-Dinitrotoluene	10.12	165	456948	48.313	nq	94
58) Fluorene	10.49	166	1220147	38.820	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	383651	44.728	nq	99
60) Diethylphthalate	10.36	149	1438920	42.602	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	623234	40.626	nq	99
62) 4-Nitroaniline	10.50	138	348311	41.053	nq	99
63) Azobenzene	10.63	77	1445202	41.509	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	140744	35.125	nq	84
66) n-Nitrosodiphenylamine	10.59	169	1199478	42.246	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	424247	41.958	nq	98
68) Hexachlorobenzene	11.03	284	466178	41.087	nq	99
69) Atrazine	11.12	200	405247	46.120	nq	99
70) Pentachlorophenol	11.22	266	523744	75.745	nq	99
71) Phenanthrene	11.45	178	1892399	39.931	nq	99
72) Anthracene	11.50	178	1959003	41.222	nq	100
73) Carbazole	11.65	167	1750441	40.262	nq	99
74) Di-n-butylphthalate	11.98	149	2195837	41.791	nq	100
75) Fluoranthene	12.63	202	1991836	39.917	nq	99
77) Benzidine	12.74	184	684400	28.815	nq	99
78) Pyrene	12.86	202	2033669	42.936	nq	100
80) Butylbenzylphthalate	13.47	149	938207	45.335	nq	92
81) Benzo(a)anthracene	14.04	228	1571742	40.274	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	244736	17.283	nq	99
83) Chrysene	14.08	228	1634628	40.766	nq	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	1176689	45.913	nq	98
85) Di-n-octyl phthalate	14.64	149	2131874	46.727	nq	99
86) Indeno(1,2,3-cd)pyrene	17.01	276	1470675	44.748	nq	# 100
88) Benzo(b)fluoranthene	15.10	252	1549472	40.900	nq	100
89) Benzo(k)fluoranthene	15.13	252	1463678	43.443	nq	99
90) Benzo(a)pyrene	15.47	252	1395222	42.700	nq	98
91) Dibenzo(a,h)anthracene	17.03	278	1233889	44.191	nq	100
92) Benzo(g,h,i)perylene	17.46	276	1202151	45.487	nq	98

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



#1

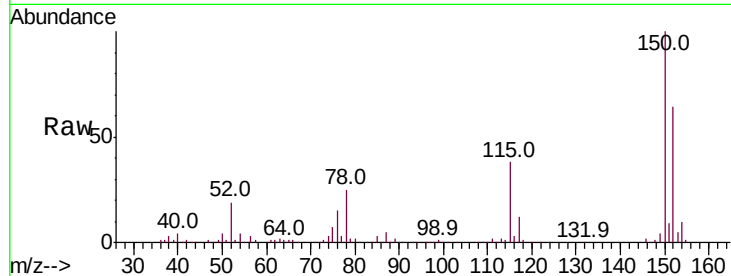
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.7	187.1
115	59.2	48.1	72.1

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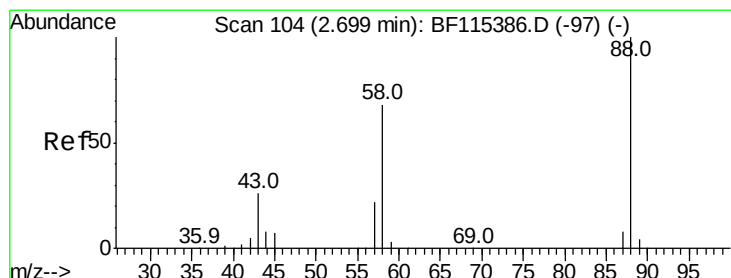
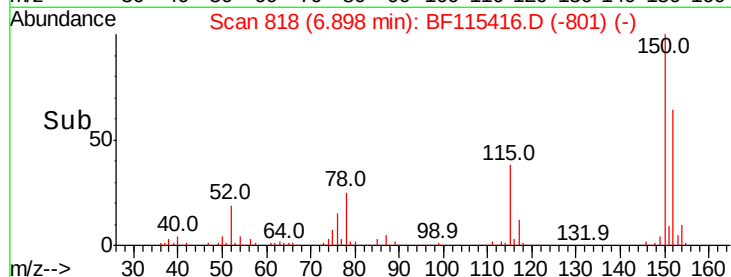
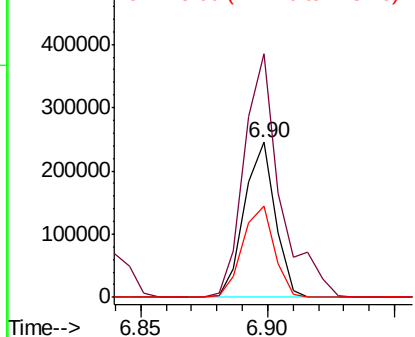


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

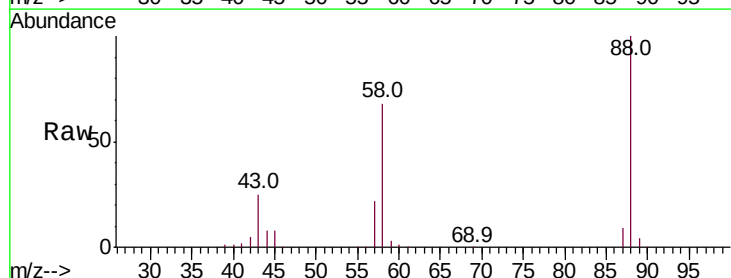
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.635 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.17 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	54.6	82.0
43	0.0	21.4	32.0

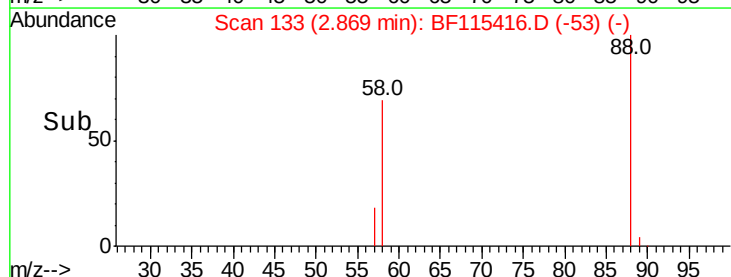
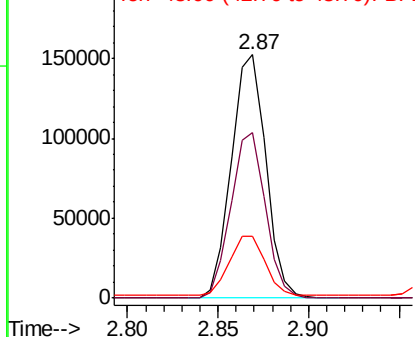


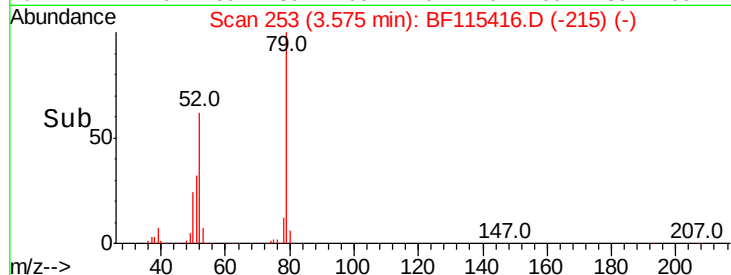
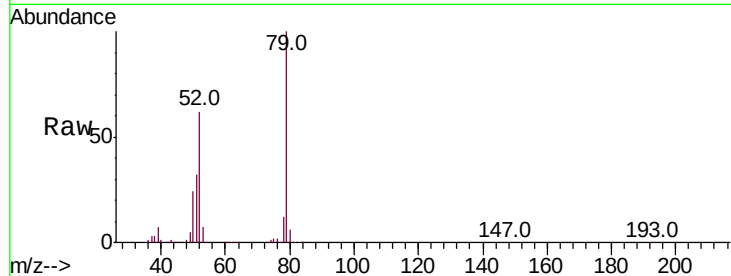
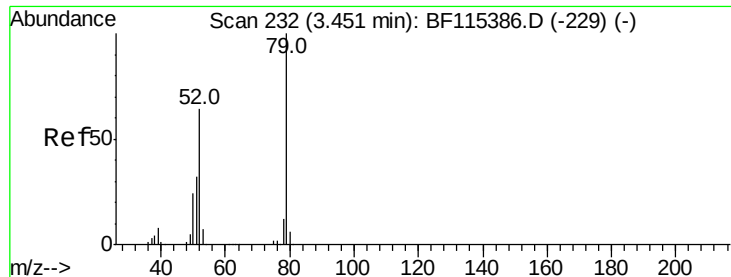
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





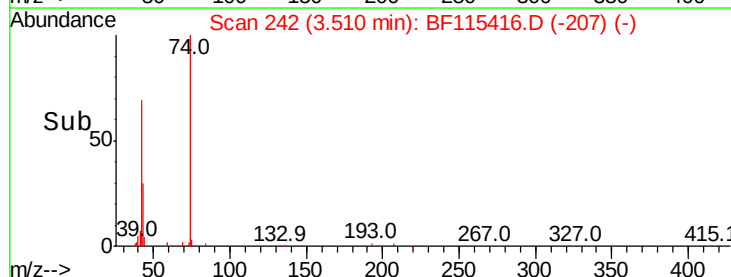
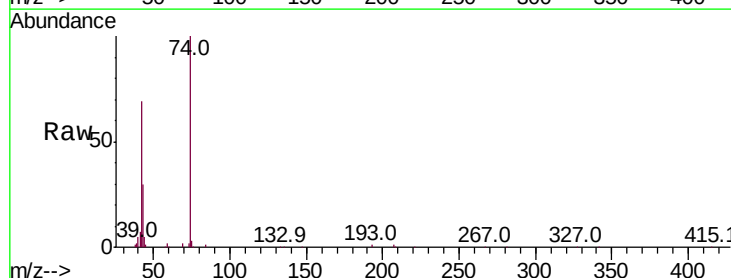
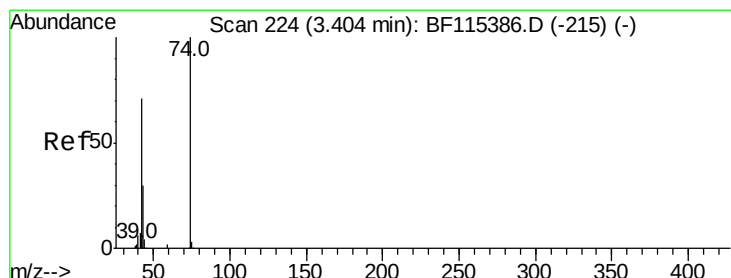
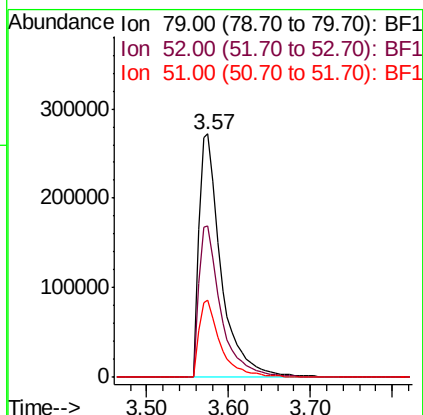
#3
Pvridine
Concen: 28.096 ng
RT: 3.57 min Scan# 253
Delta R.T. 0.12 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.4	50.9	76.3
51	31.7	25.8	38.6

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

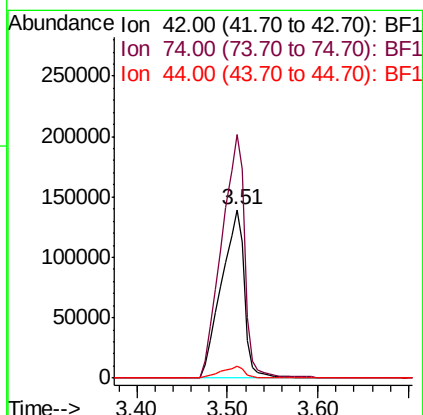
Manual Integrations
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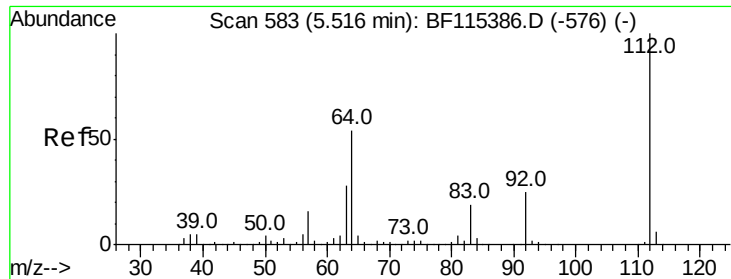
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#4
n-Nitrosodimethylamine
Concen: 33.334 ng
RT: 3.51 min Scan# 242
Delta R.T. 0.11 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.8	112.8	169.2
44	6.7	5.4	8.0





#5

2-Fluorophenol

Concen: 103.661 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMS

Tot Ion:112 Resp: 1395694

Ion Ratio Lower Upper

112 100

64 58.7 43.0 64.6

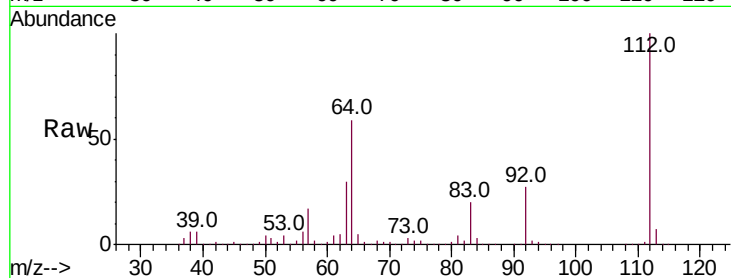
63 30.3 22.2 33.2

Manual Integrations

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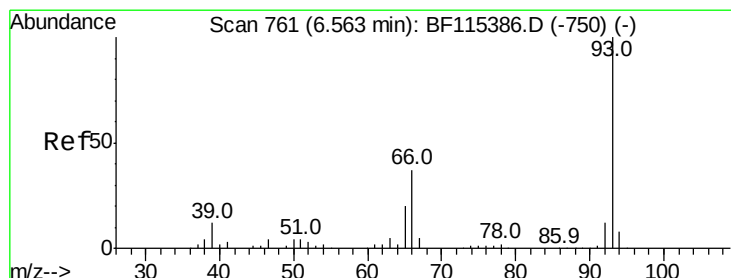
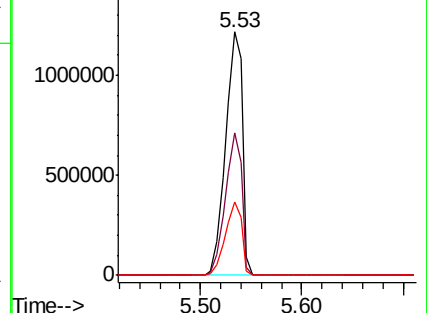
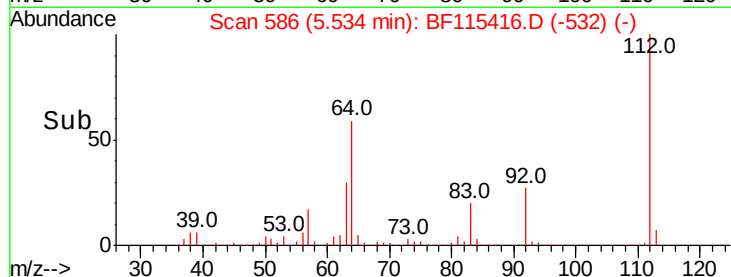
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.850 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

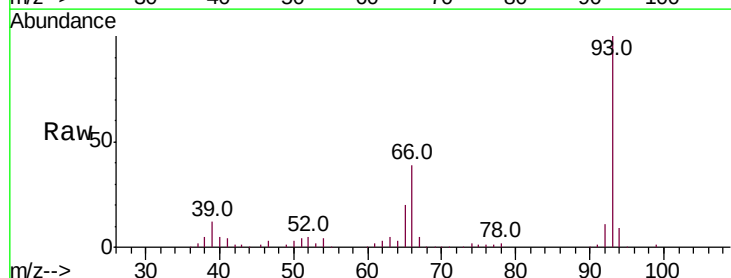
Tgt Ion: 93 Resp: 310500

Ion Ratio Lower Upper

93 100

66 39.5 30.8 46.2

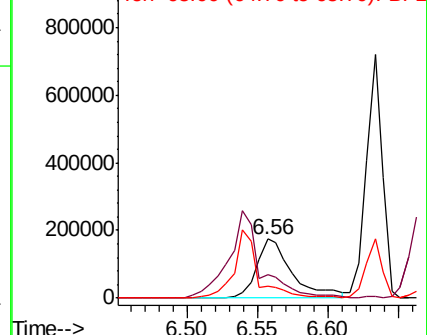
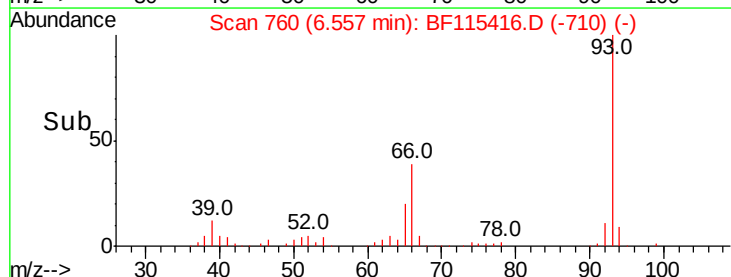
65 20.1 16.0 24.0

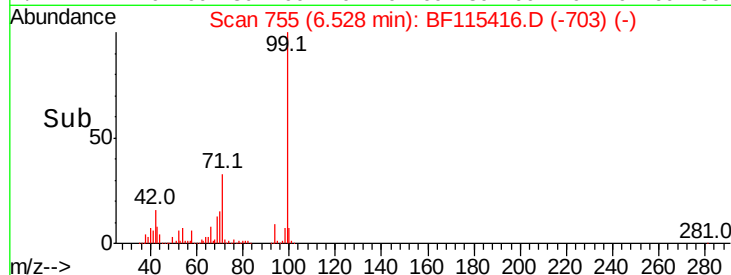
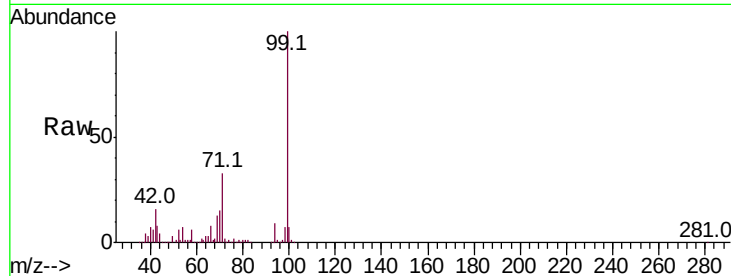
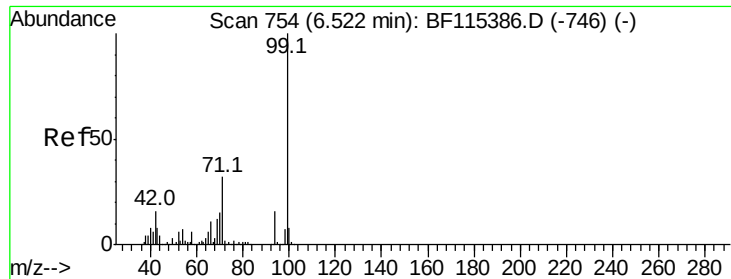


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.753 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Tot Ion: 99 Resp: 1776612

Ion Ratio Lower Upper

99 100

42 16.5 13.1 19.7

71 33.5 25.9 38.9

Instrument :

BNA_F

ClientSampleId :

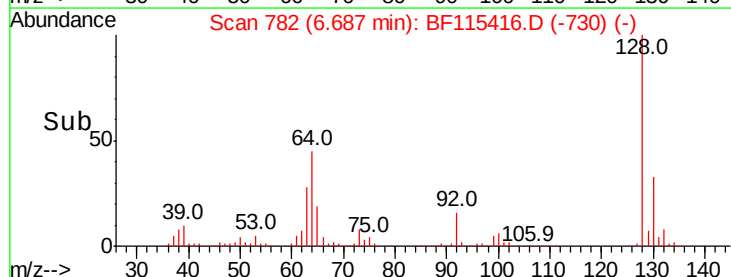
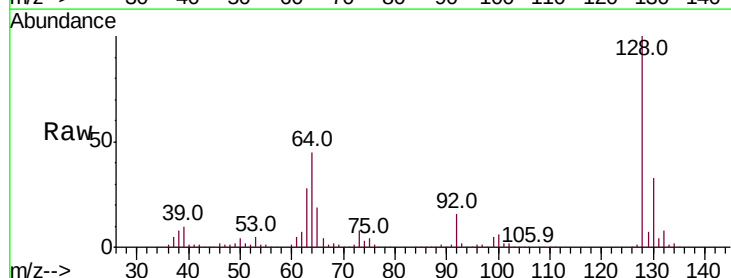
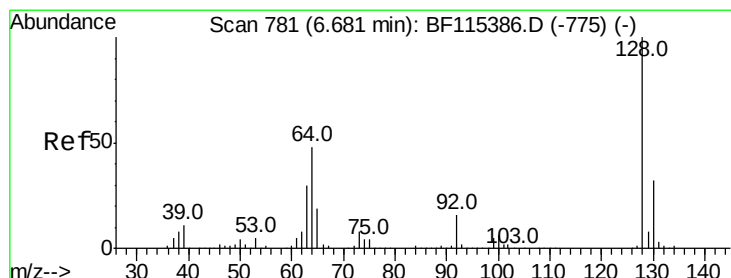
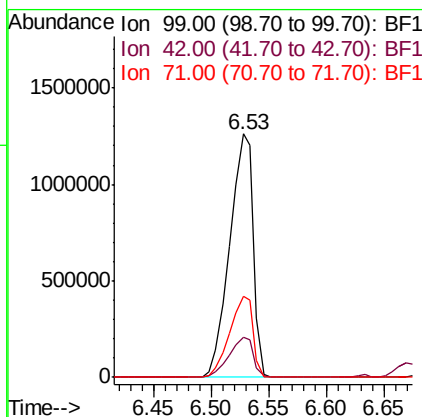
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#8

2-Chlorophenol

Concen: 37.821 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

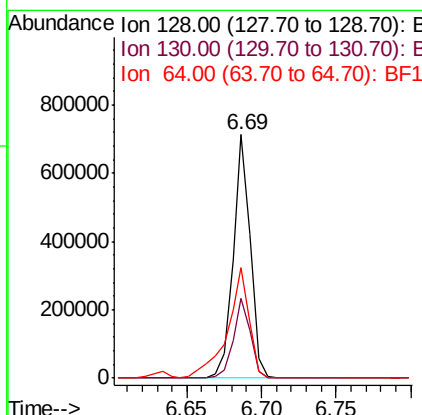
Tgt Ion:128 Resp: 574997

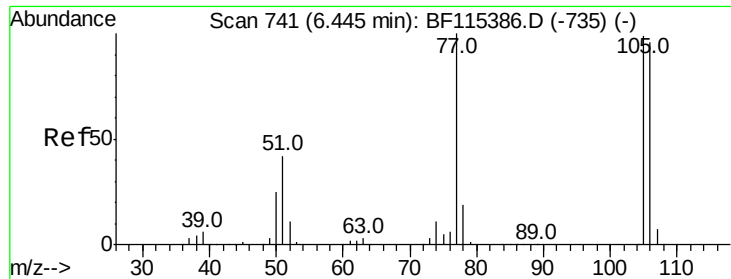
Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 45.3 28.8 68.8





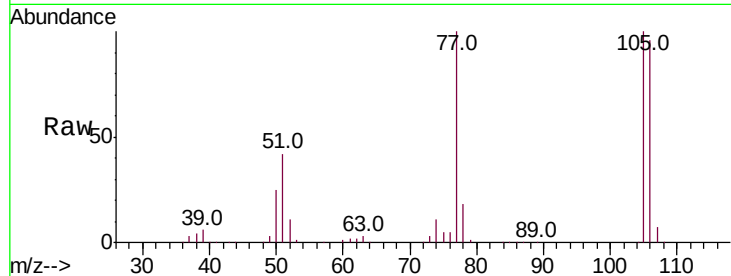
#9
Benzaldehyde
Concen: 23.437 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

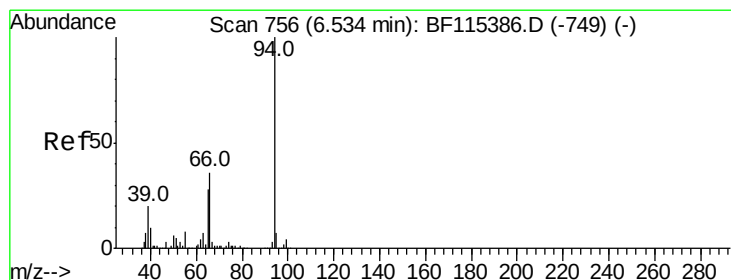
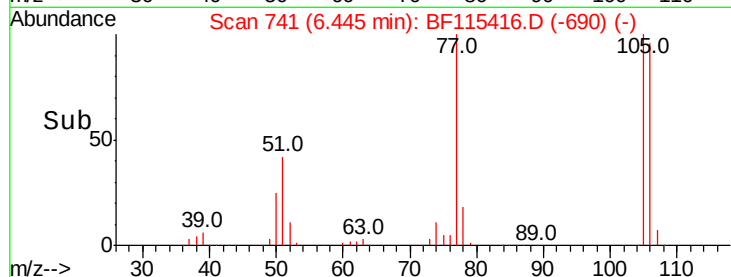
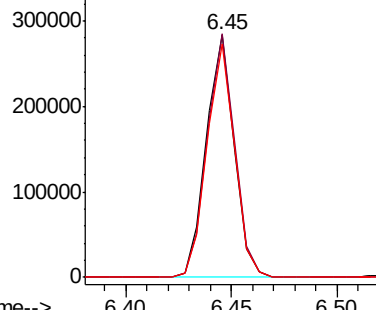
Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	79.0	119.0
106	96.1	75.7	115.7

Manual Integrations
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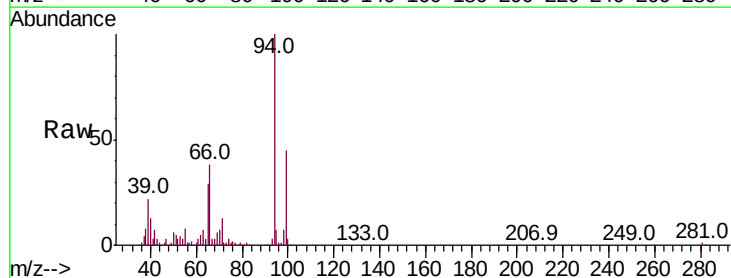


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

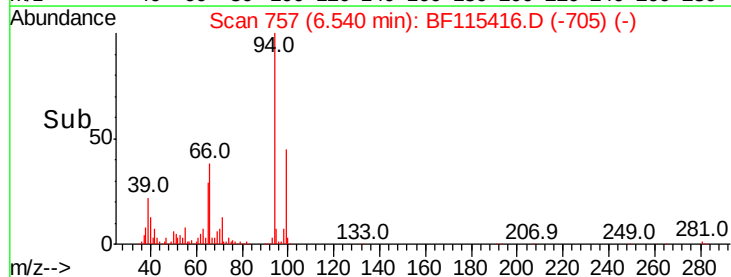
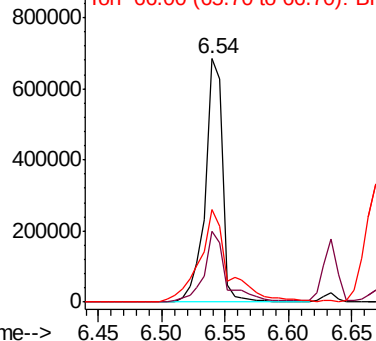


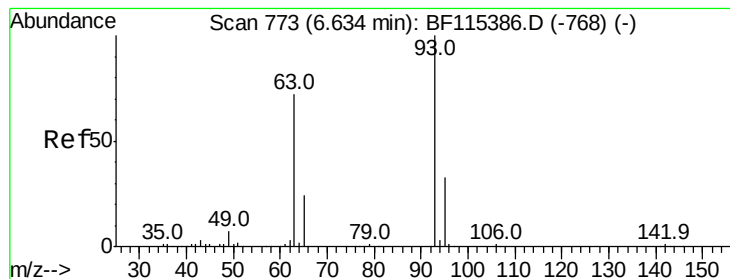
#10
Phenol
Concen: 31.359 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	8.0	48.0
66	38.0	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





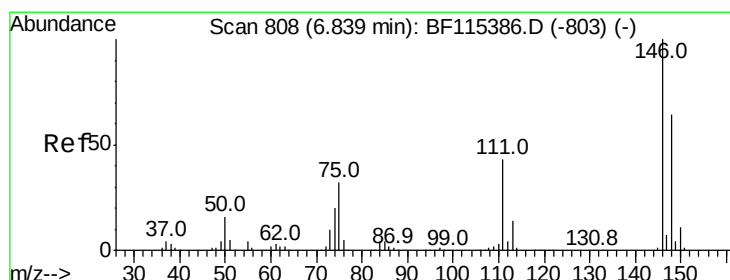
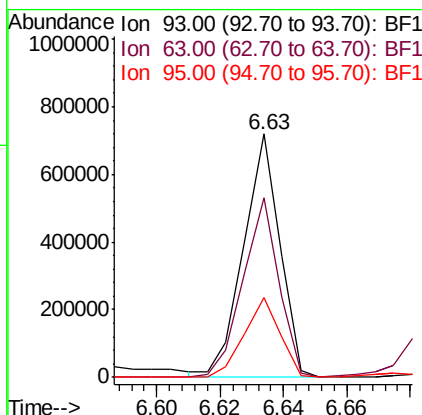
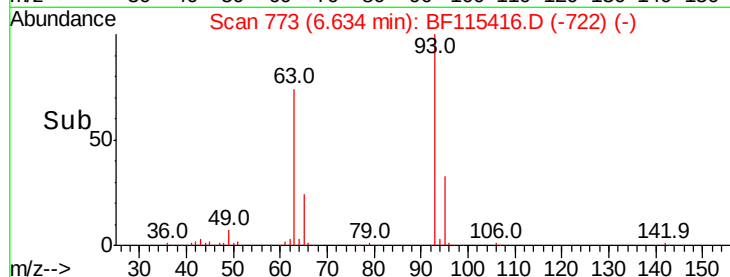
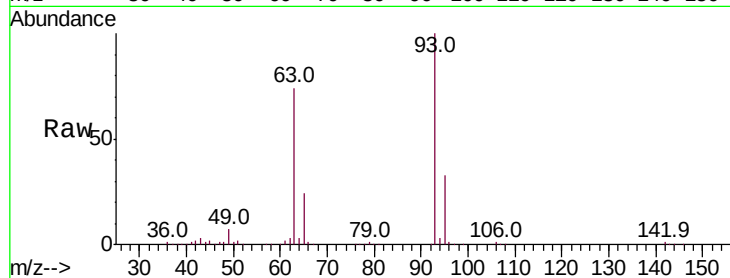
#11
bis(2-Chloroethyl)ether
Concen: 37.573 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	93	Resp	571069
Ion	Ratio	Lower	Upper
93	100		
63	73.7	51.5	91.5
95	32.6	12.9	52.9

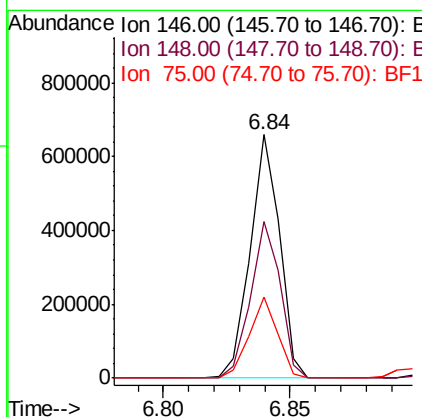
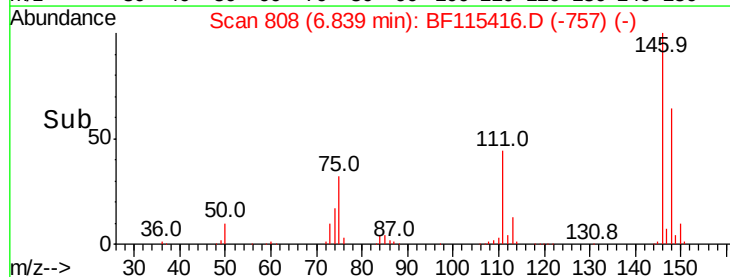
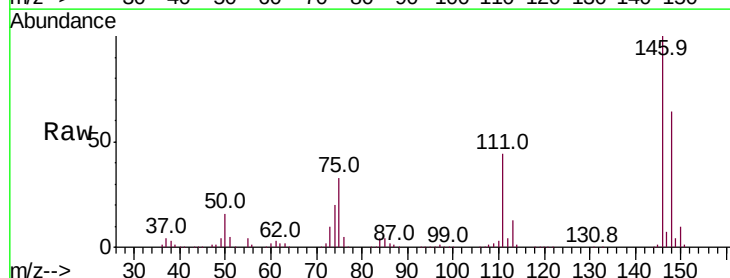
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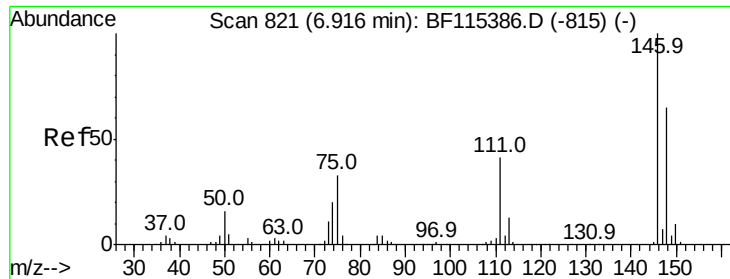
mohammad
7/10/2019 9:04:32 AM



#12
1,3-Dichlorobenzene
Concen: 32.012 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	146	Resp	533199
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
75	33.1	25.9	38.9





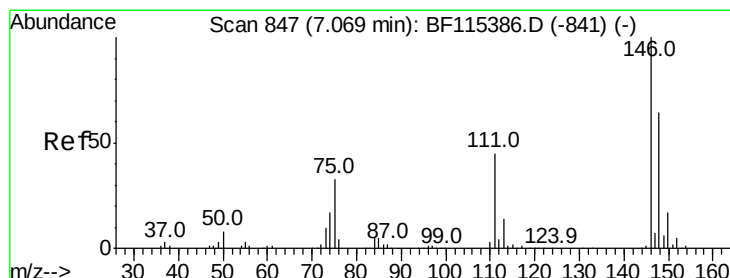
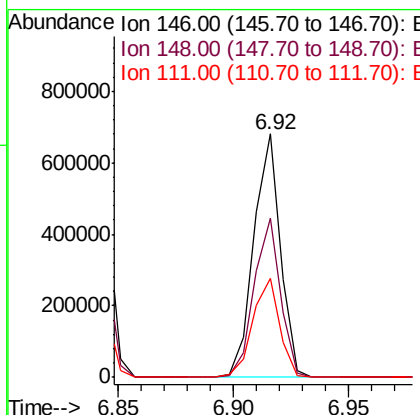
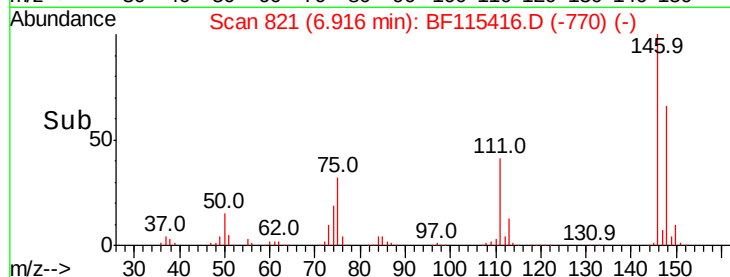
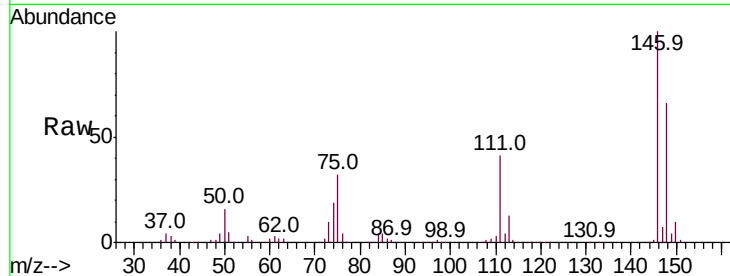
#13
 1,4-Dichlorobenzene
 Concen: 32.926 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.3	78.5
111	40.9	33.0	49.4

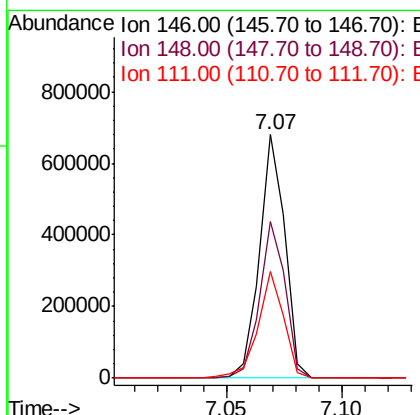
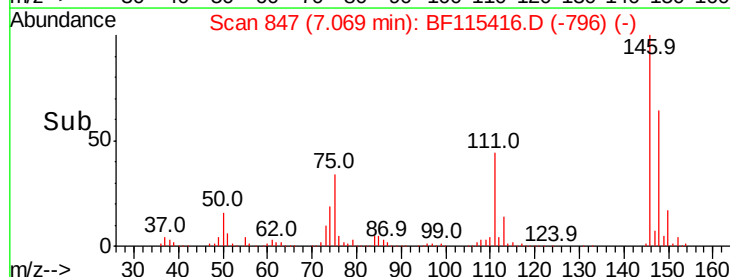
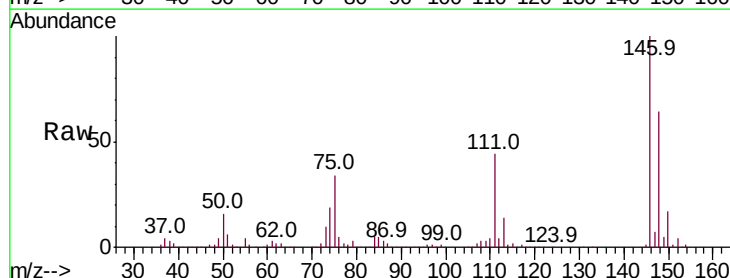
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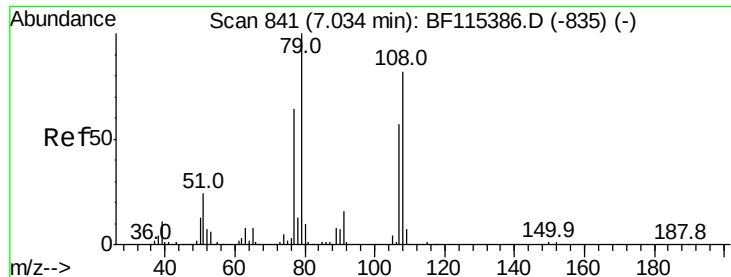
mohammad
 7/10/2019 9:04:32 AM



#14
 1,2-Dichlorobenzene
 Concen: 33.858 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
111	43.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 39.555 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMS

Tot Ion: 79 Resp: 543509

Ion Ratio Lower Upper

79 100

108 79.7 65.4 98.2

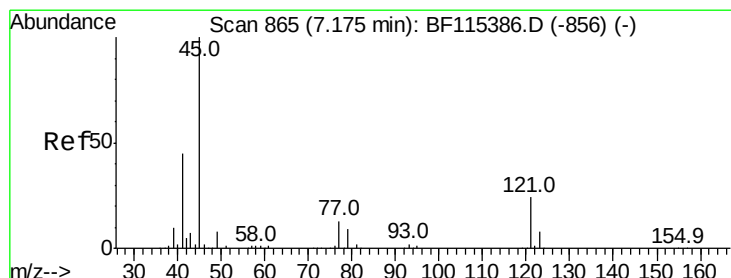
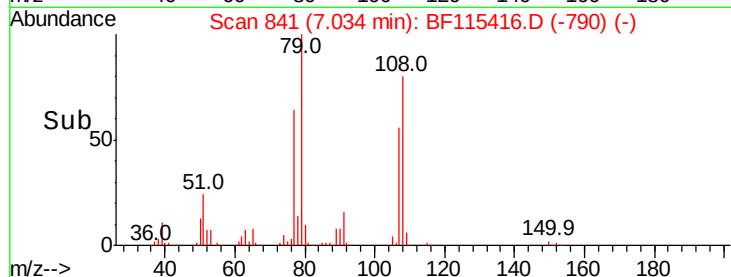
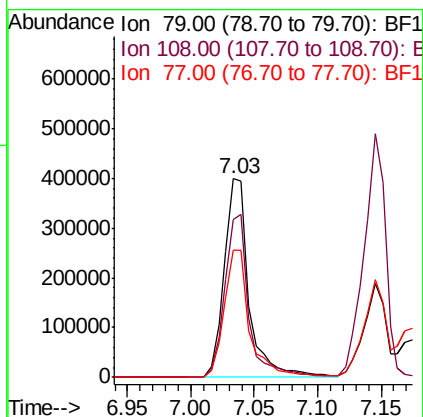
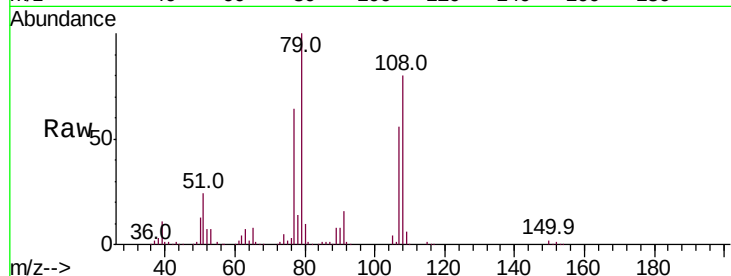
77 63.8 51.5 77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.131 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

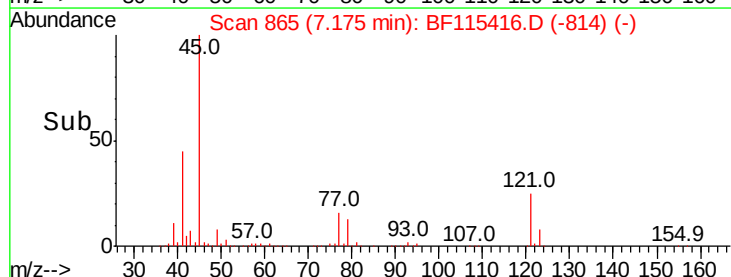
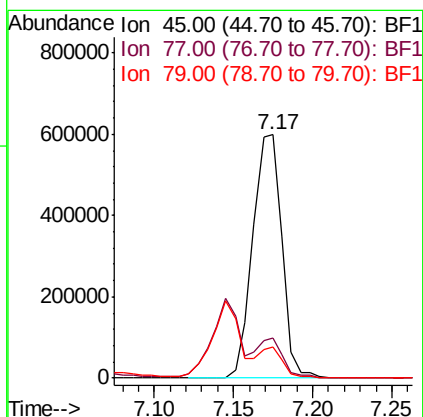
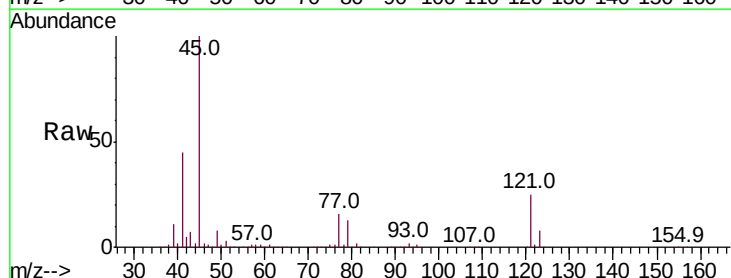
Tgt Ion: 45 Resp: 767838

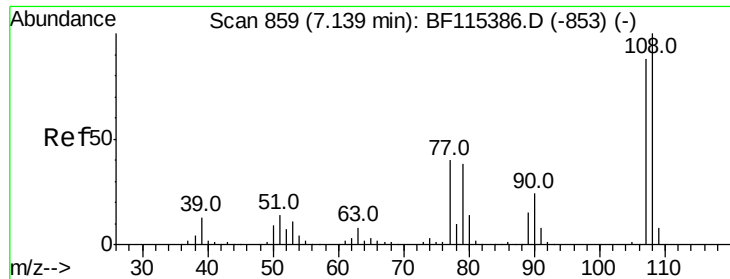
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.0

79 12.7 0.0 32.0





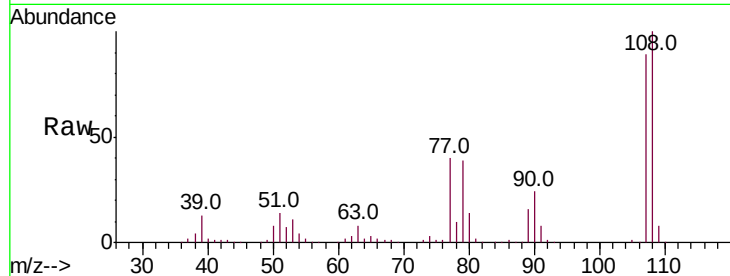
#17
2-Methylphenol
Concen: 38.085 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

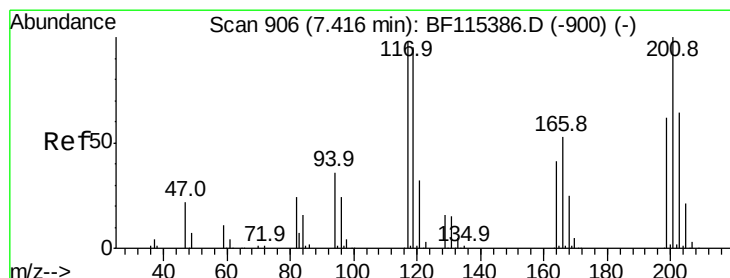
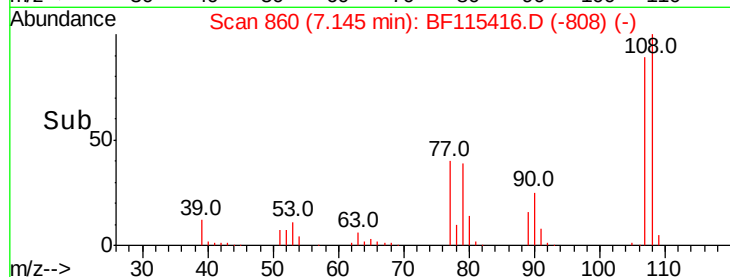
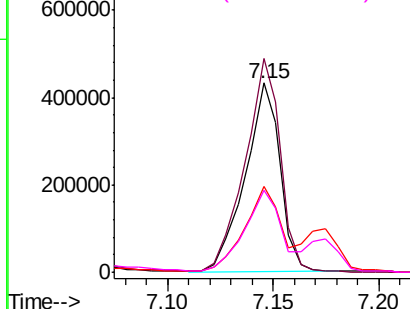
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.7	136.1
77	45.2	36.3	54.5
79	43.5	34.9	52.3

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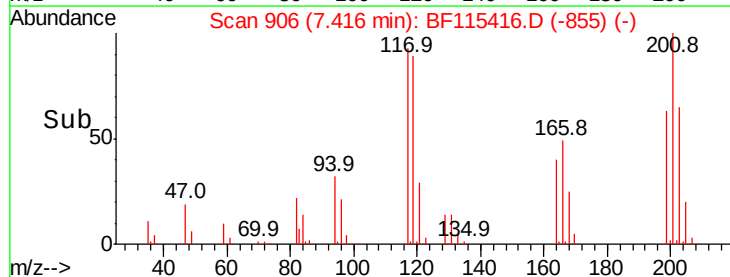
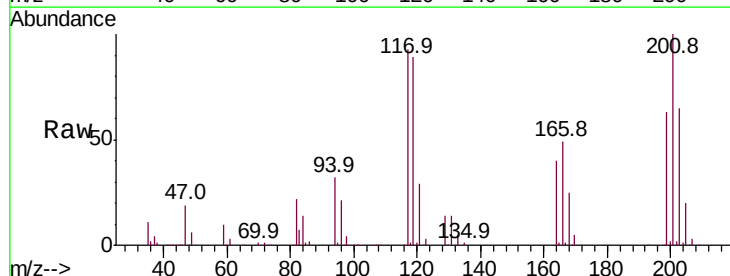
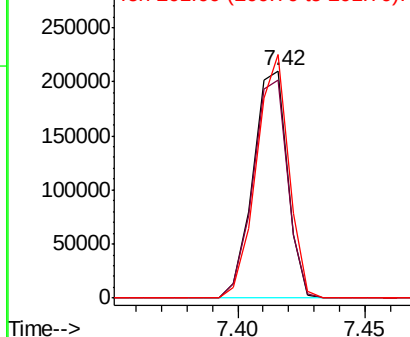
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

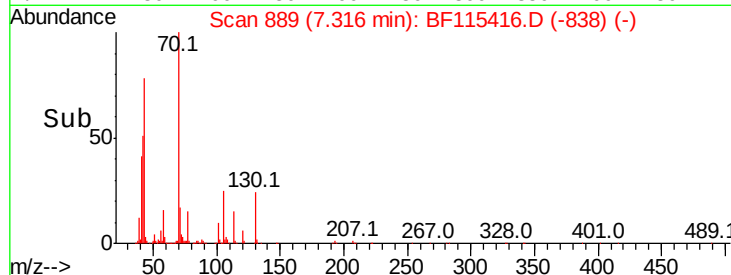
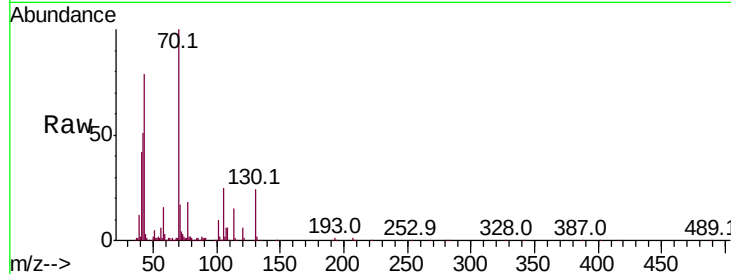
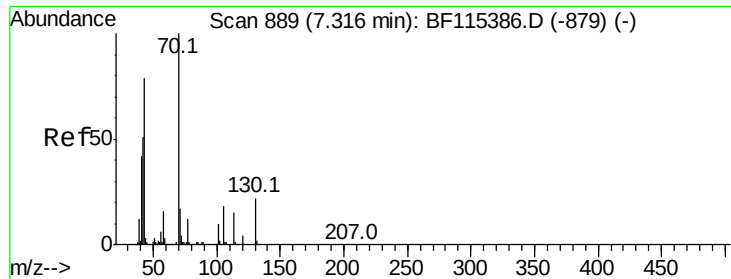


#18
Hexachloroethane
Concen: 32.194 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.1	115.7
201	107.1	81.3	121.9

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





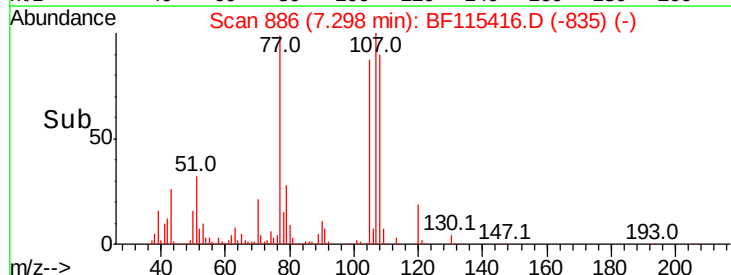
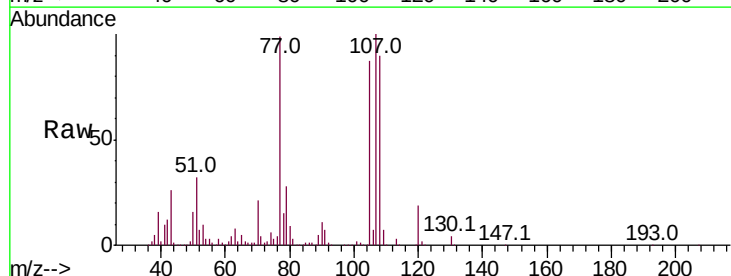
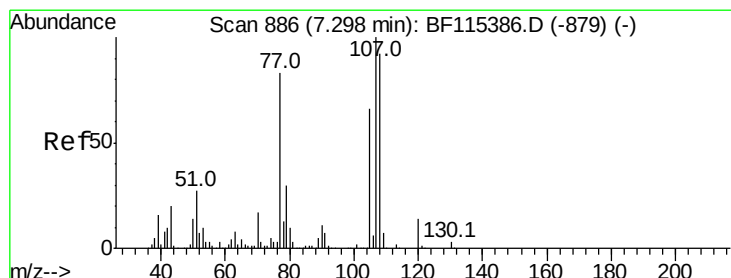
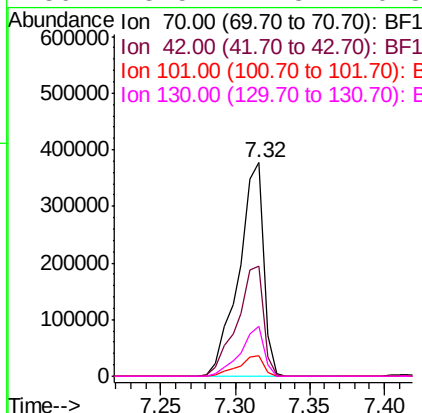
#19
n-Nitroso-di-n-propylamine
Concen: 37.810 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

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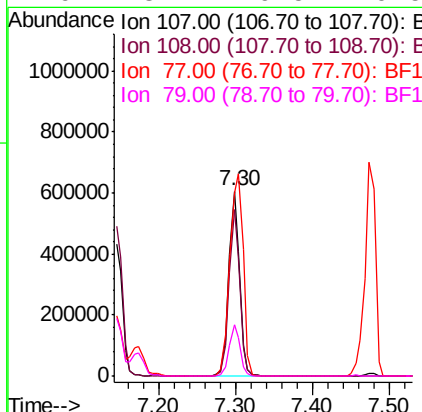
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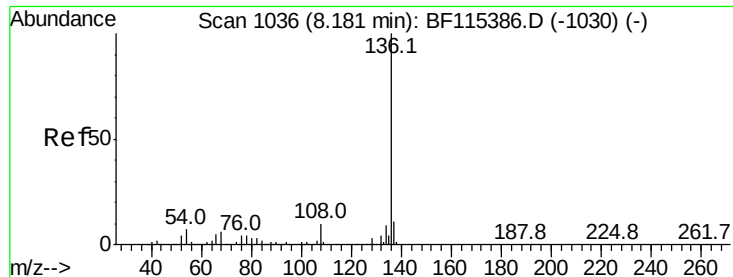
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.5	41.1	61.7
101	9.9	8.0	12.0
130	23.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 38.879 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	72.5	112.5
77	98.9	62.7	102.7
79	28.1	9.5	49.5





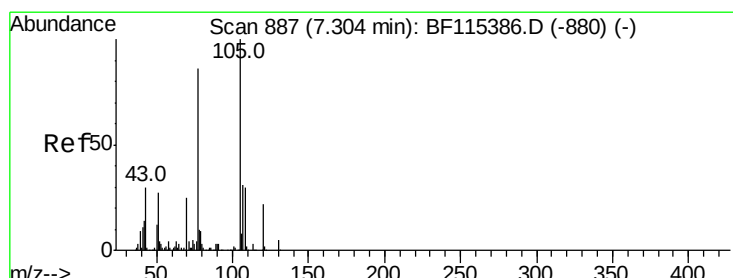
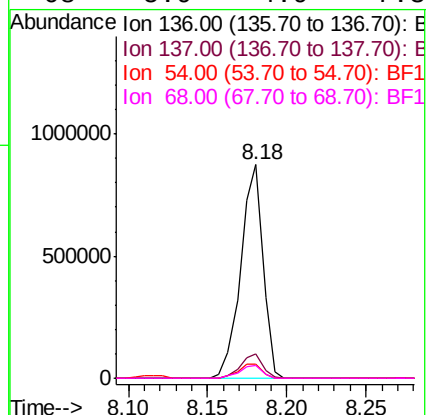
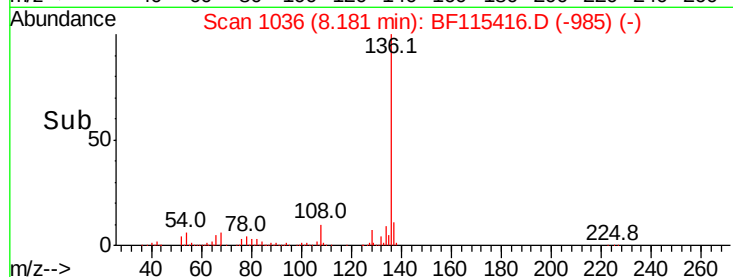
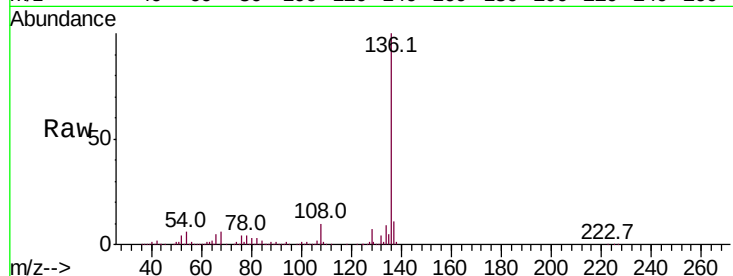
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	6.5	5.6	8.4	
68	5.9	4.9	7.3	

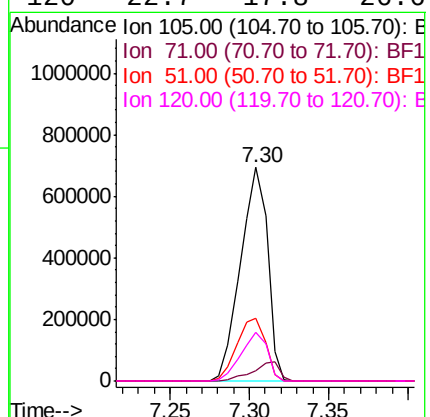
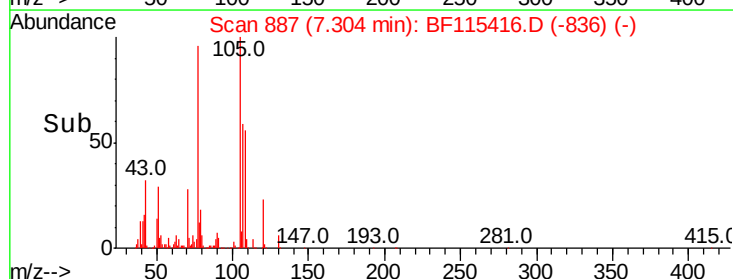
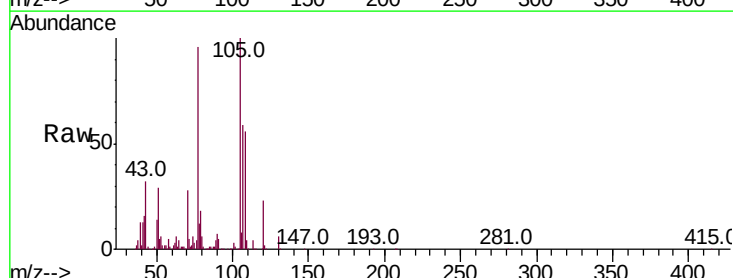
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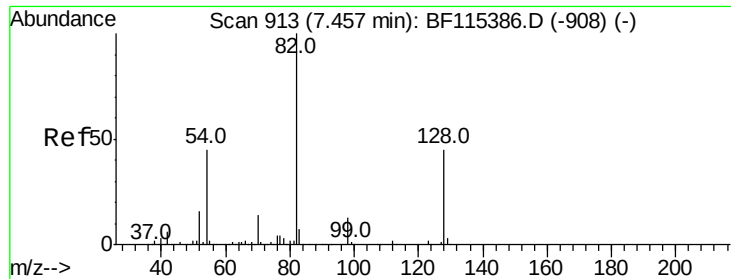
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#22
Acetophenone
Concen: 40.402 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.8	3.3	4.9	
51	29.2	21.5	32.3	
120	22.7	17.8	26.6	





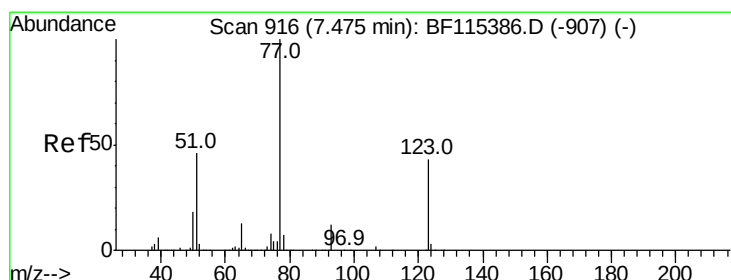
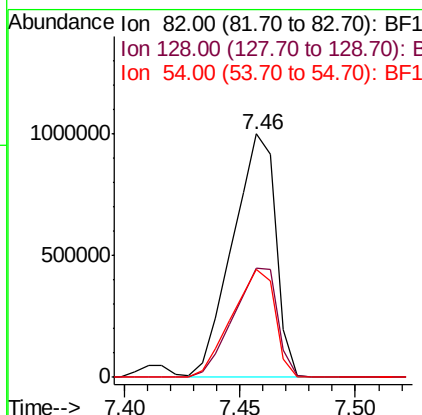
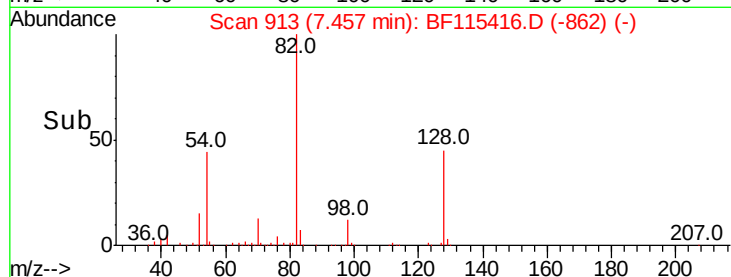
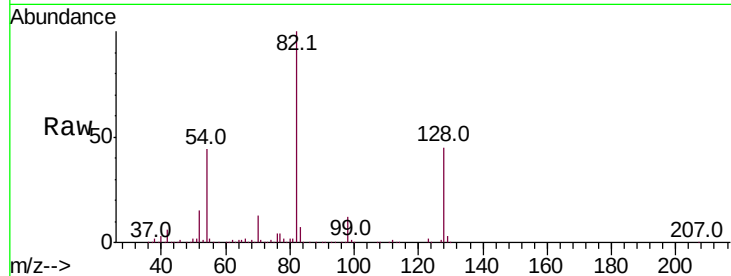
#23
Nitrobenzene-d5
Concen: 90.788 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion: 82 Resp: 1300457
Ion Ratio Lower Upper
82 100
128 45.0 35.7 53.5
54 44.4 36.3 54.5

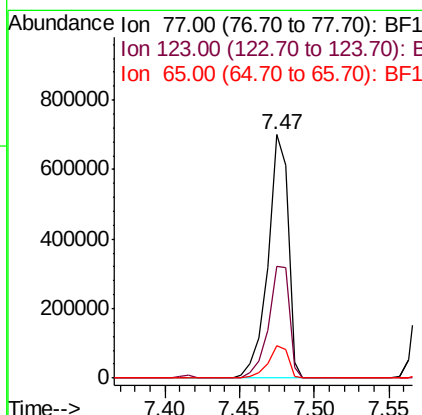
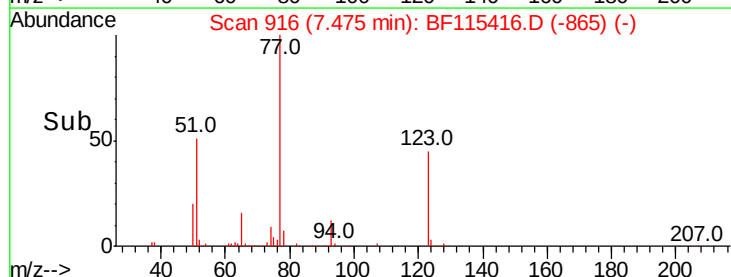
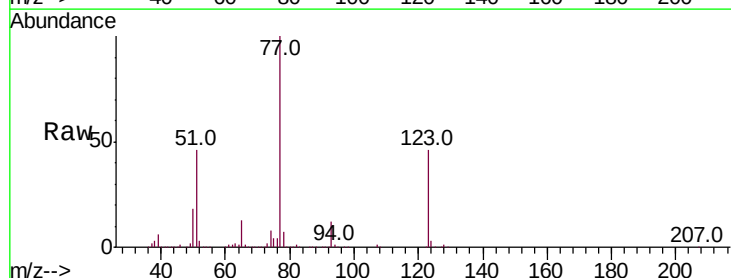
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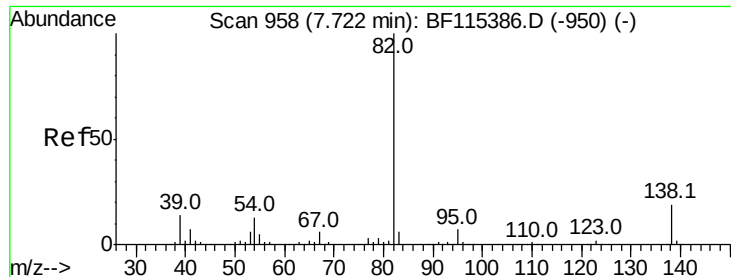
mohammad
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#24
Nitrobenzene
Concen: 40.477 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion: 77 Resp: 654800
Ion Ratio Lower Upper
77 100
123 45.7 35.0 52.6
65 13.5 10.8 16.2





#25

Isophorone

Concen: 40.695 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMS

Tot Ion: 82 Resp: 1263485

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

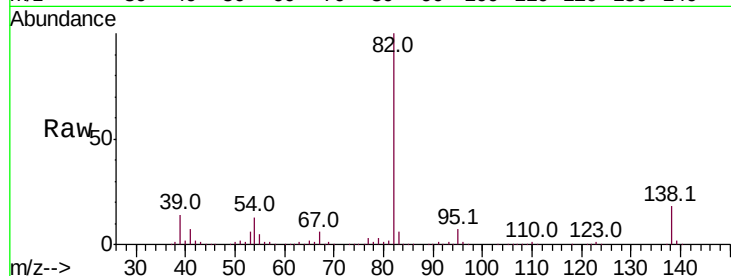
138 17.9 14.9 22.3

Manual Integrations

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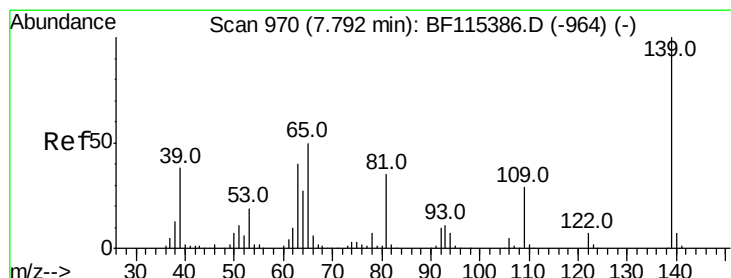
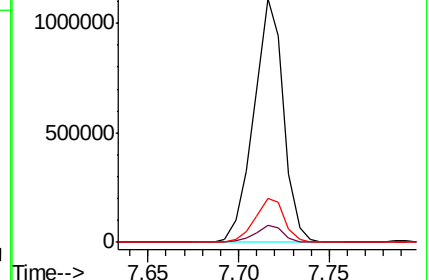
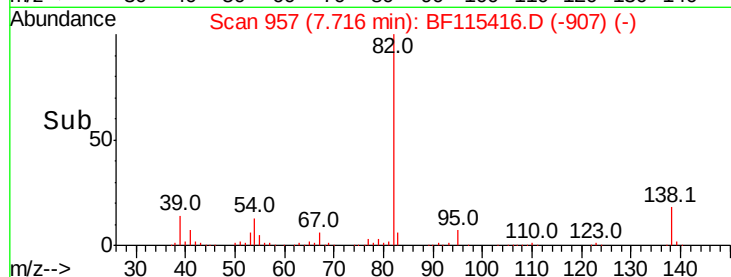
7/10/2019 9:04:32 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.850 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

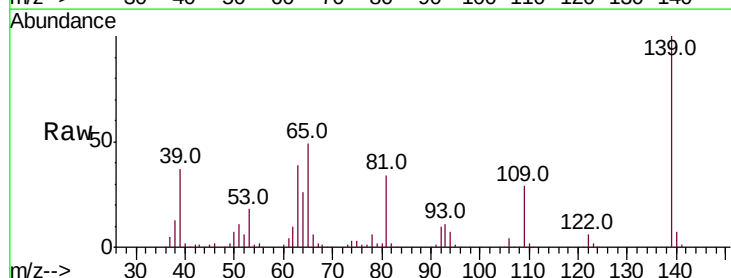
Tgt Ion: 139 Resp: 318236

Ion Ratio Lower Upper

139 100

109 28.8 22.9 34.3

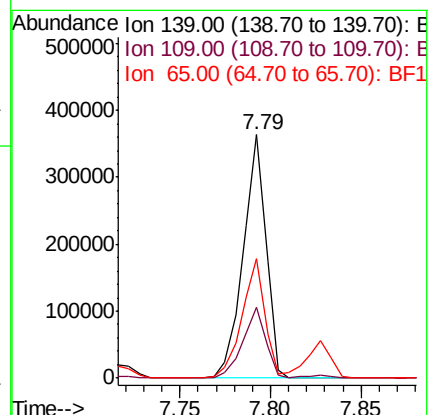
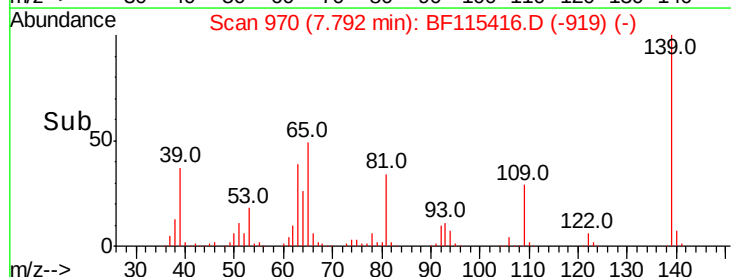
65 48.9 40.2 60.4

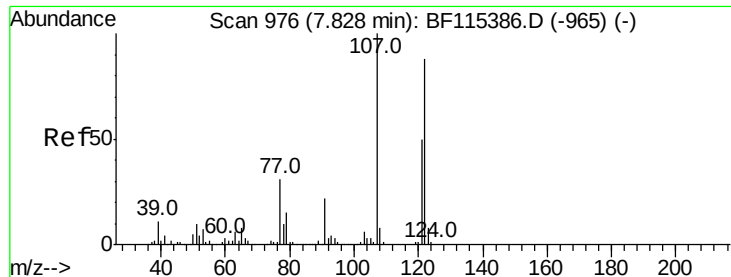


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





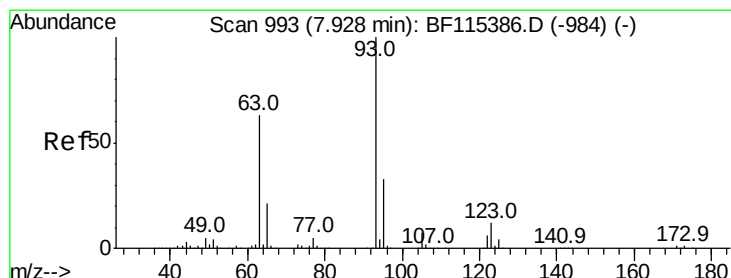
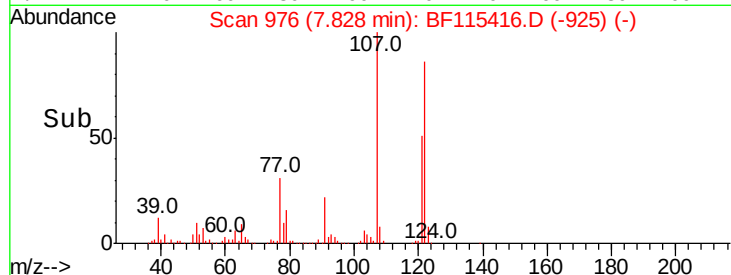
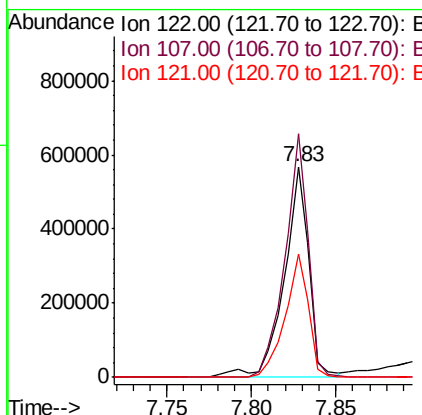
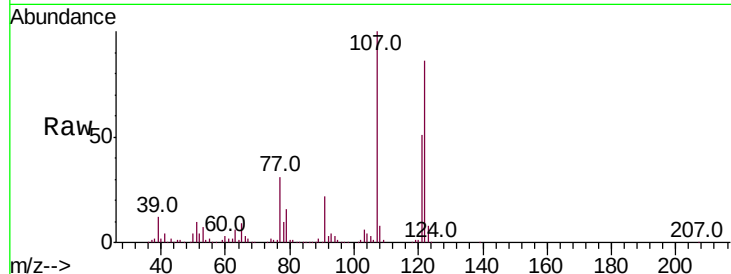
#27
2,4-Dimethylphenol
Concen: 45.574 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.0	136.6
121	58.6	45.9	68.9

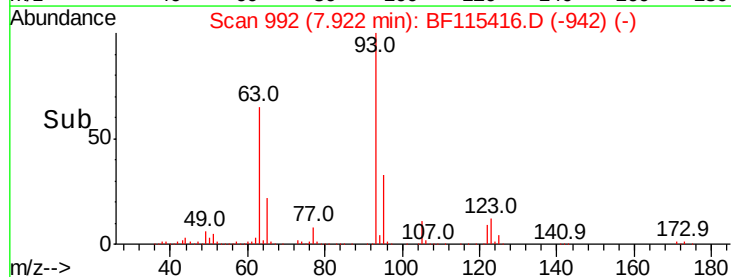
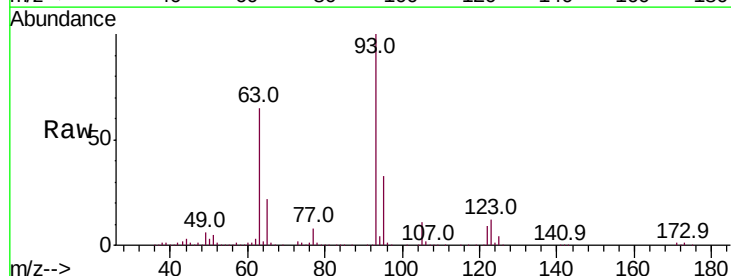
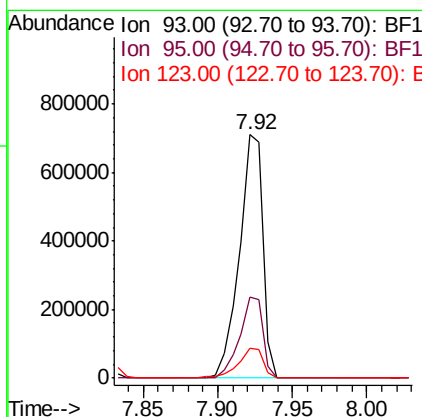
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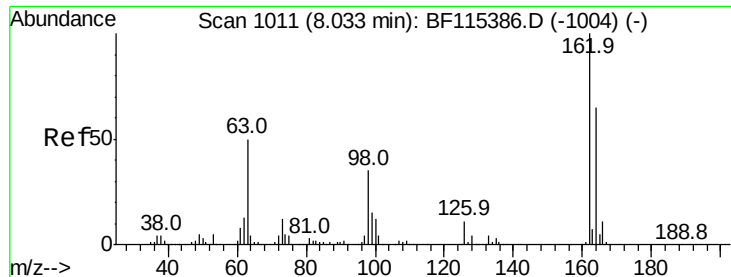
mohammad
7/10/2019 9:04:32 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.525 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	12.1	10.0	15.0





#29

2,4-Dichlorophenol

Concen: 42.976 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Instrument :

BNA_F

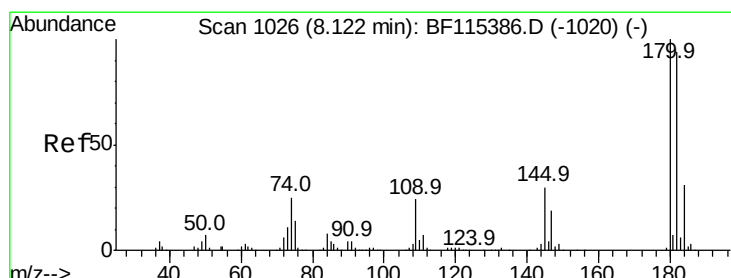
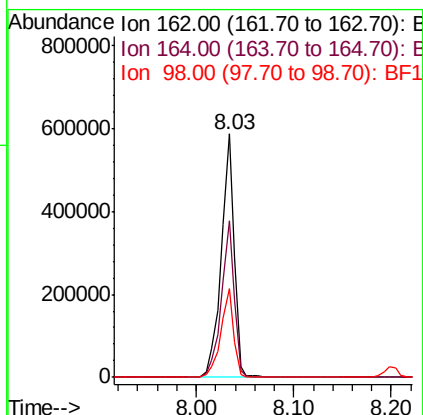
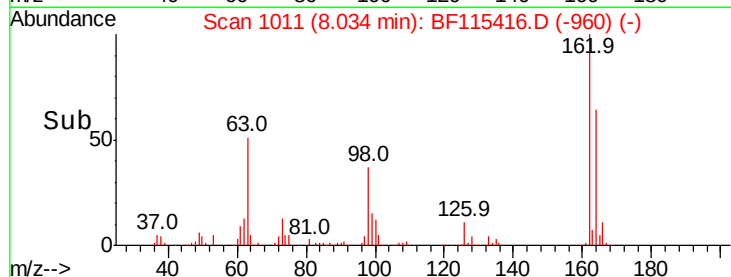
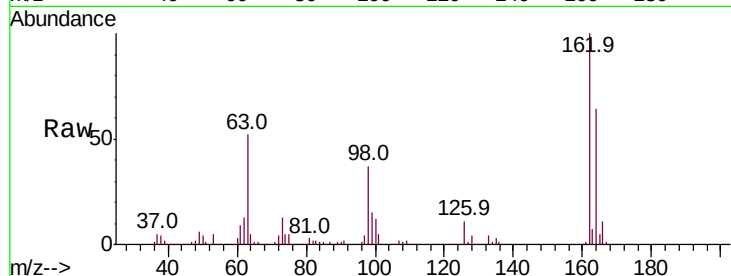
ClientSampleId :

OR-02-070319-AMS

Tot Ion:	162	Resp:	542845
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.6	84.6
98	36.6	15.0	55.0

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#30

1,2,4-Trichlorobenzene

Concen: 38.967 ng

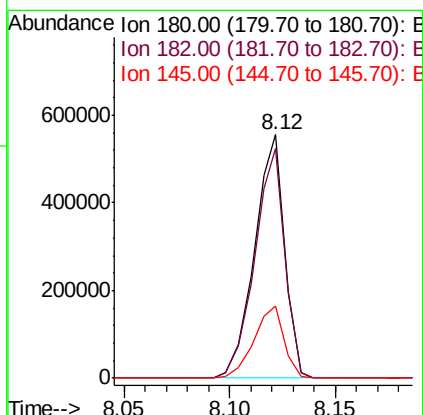
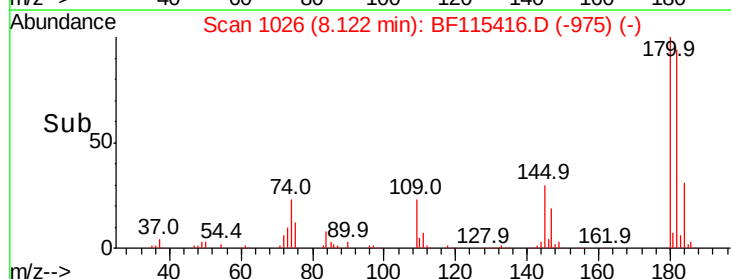
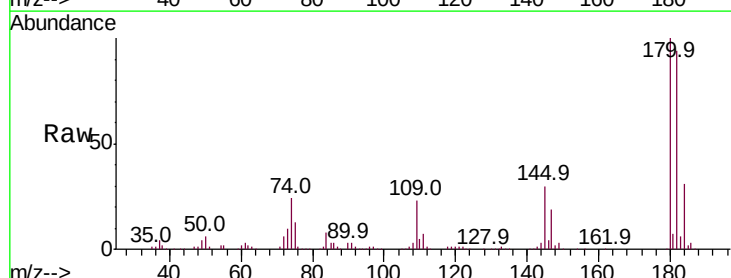
RT: 8.12 min Scan# 1026

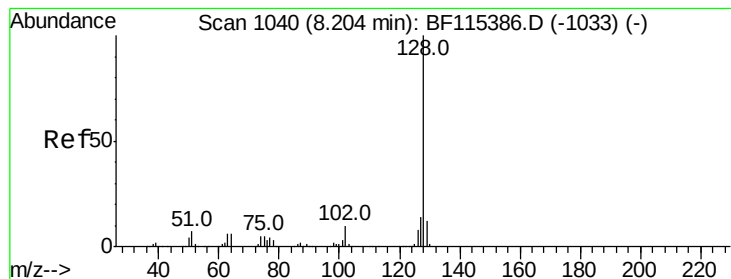
Delta R.T. 0.00 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Tgt Ion:	180	Resp:	547954
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.6	113.4
145	29.7	23.8	35.6





#31

Naphthalene

Concen: 39.651 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMS

Tot Ion:128 Resp: 1666793

Ion Ratio Lower Upper

128 100

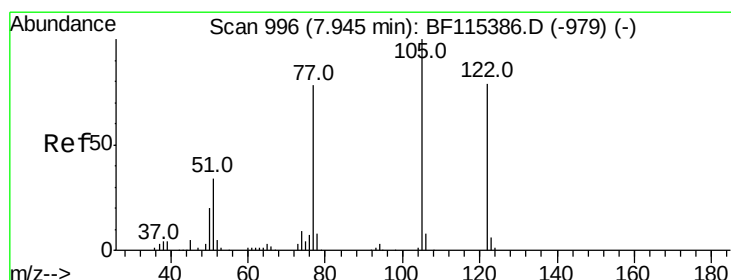
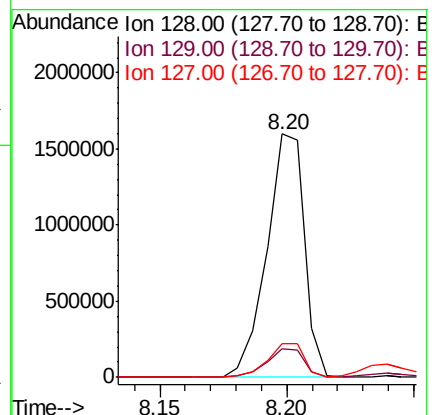
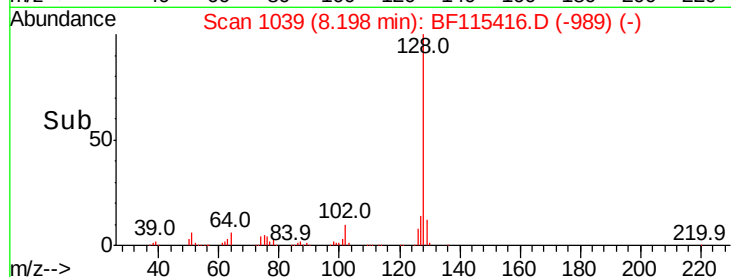
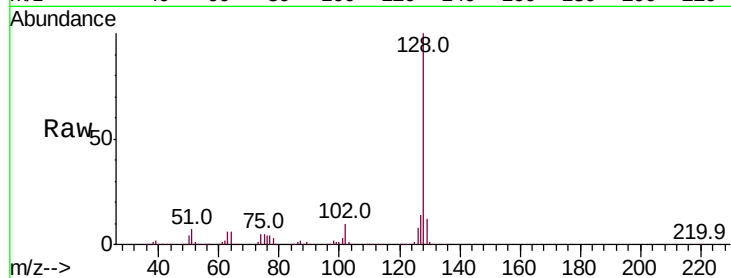
129 11.9 9.4 14.2

127 13.9 11.2 16.8

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#32

Benzoic acid

Concen: 20.393 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

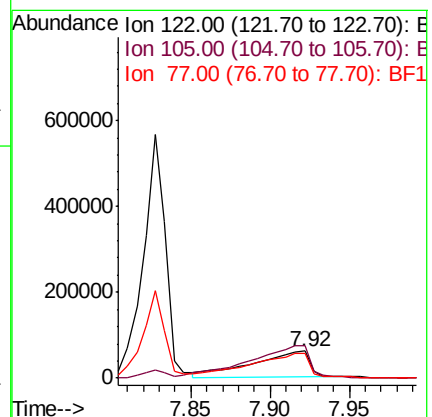
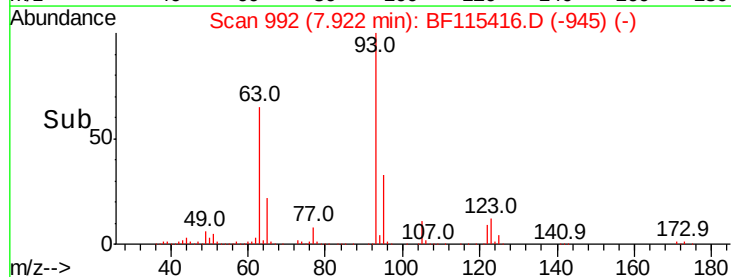
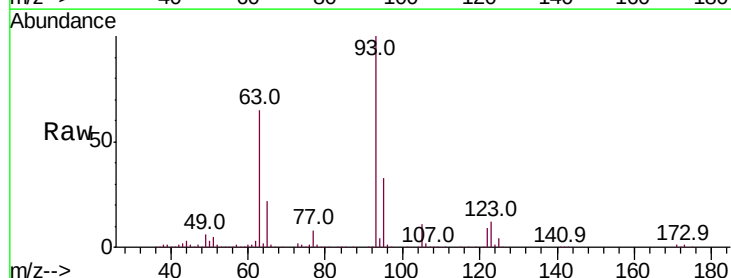
Tgt Ion:122 Resp: 151676

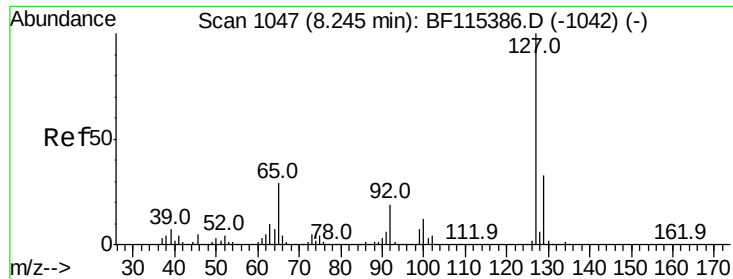
Ion Ratio Lower Upper

122 100

105 121.0 105.1 145.1

77 92.0 77.8 117.8





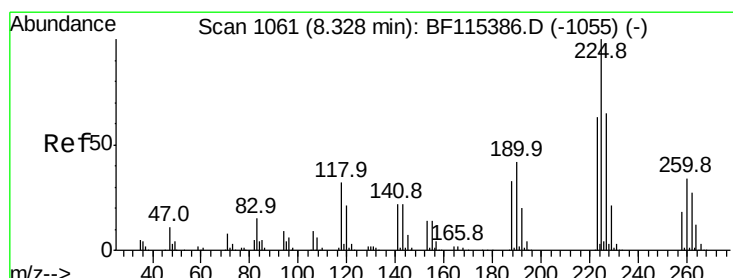
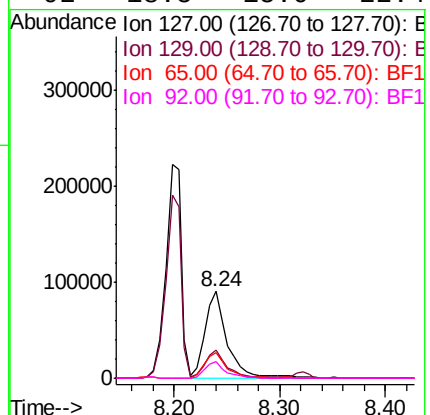
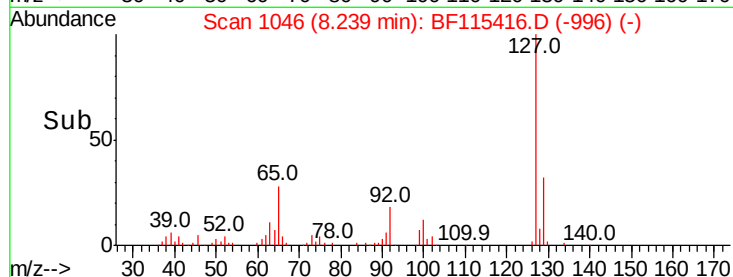
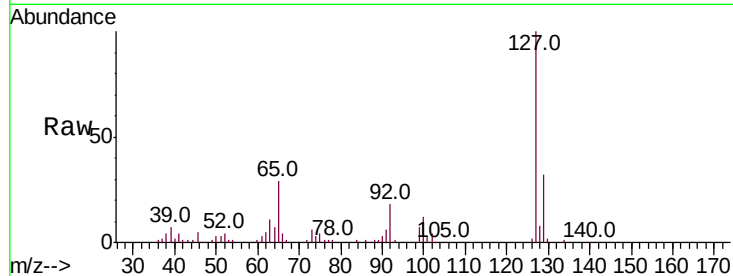
#33
4-Chloroaniline
Concen: 6.948 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.5	39.7	
65	28.8	23.3	34.9	
92	18.5	15.0	22.4	

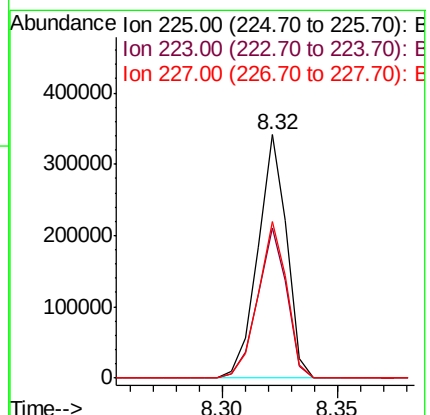
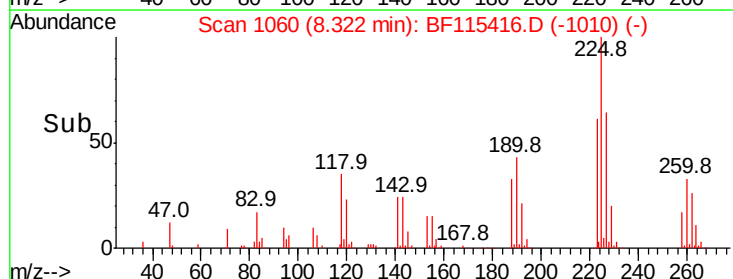
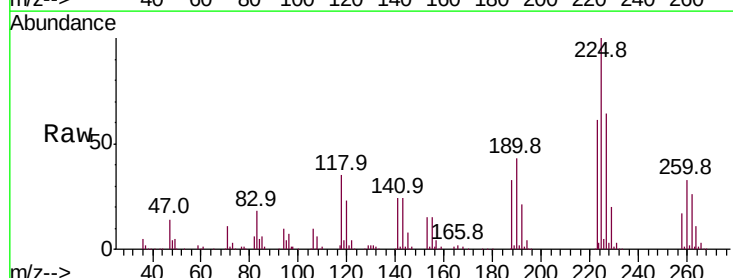
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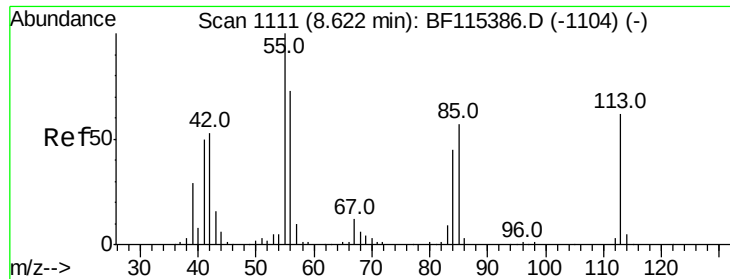
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#34
Hexachlorobutadiene
Concen: 37.234 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	50.7	76.1	
227	64.1	52.1	78.1	





#35

Caprolactam

Concen: 35.809 ng/ml

RT: 8.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMS

Tot Ion:113 Resp: 147318

Ion Ratio Lower Upper

113 100

55 155.8 141.9 181.9

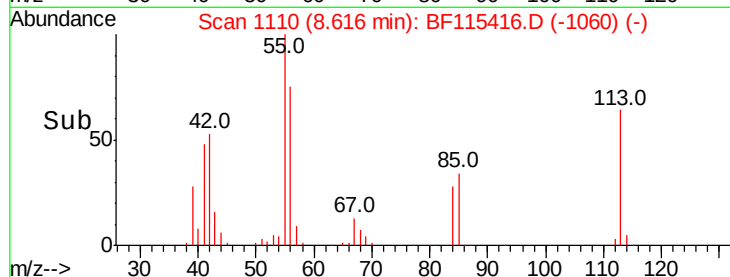
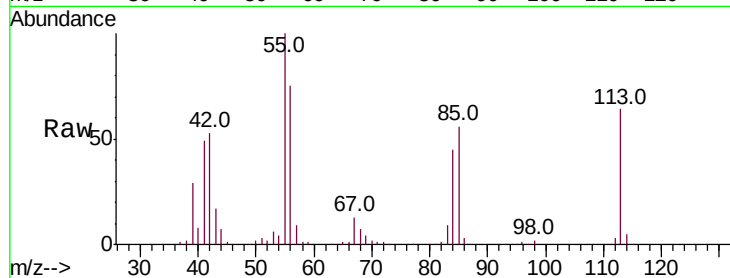
56 117.3 98.7 138.7

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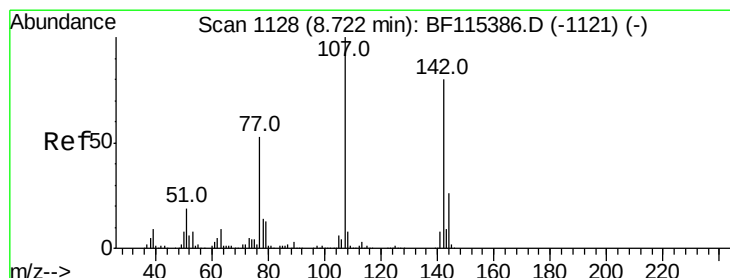
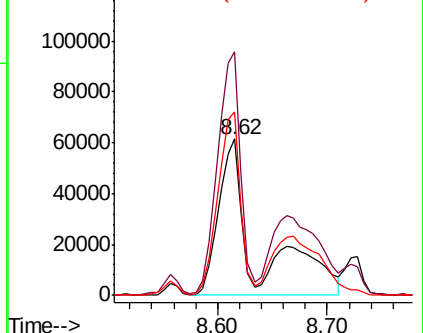
7/10/2019 9:04:32 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.078 ng/ml

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

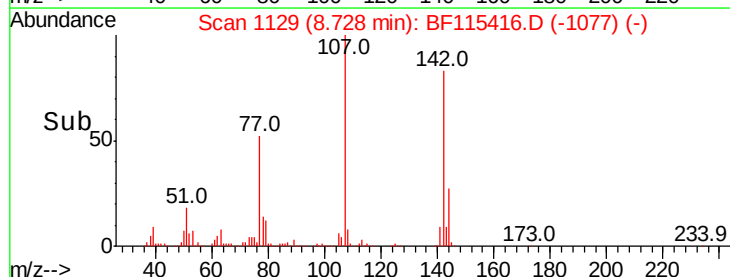
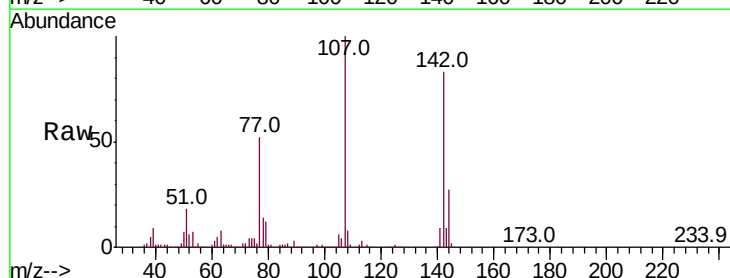
Tgt Ion:107 Resp: 588912

Ion Ratio Lower Upper

107 100

144 26.8 20.8 31.2

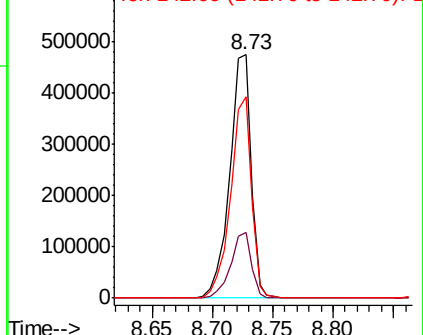
142 82.7 64.0 96.0

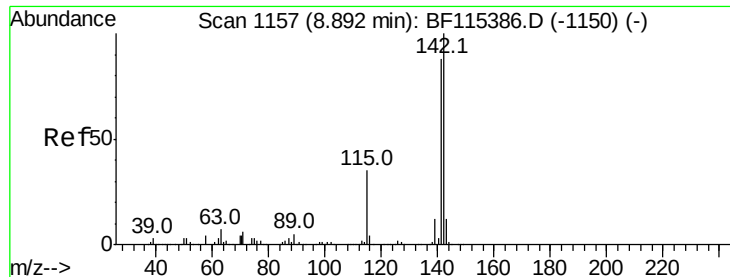


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





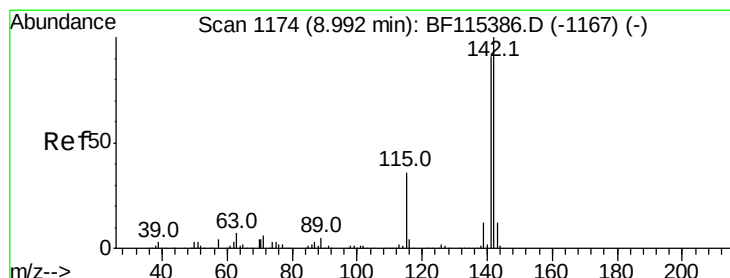
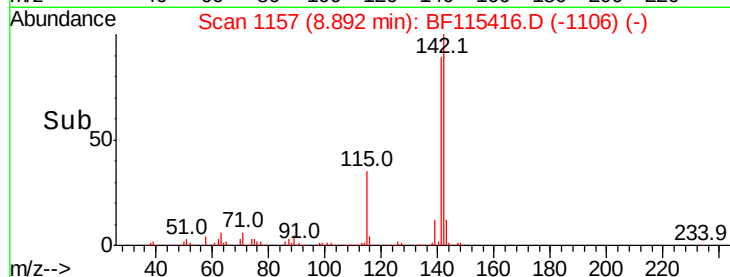
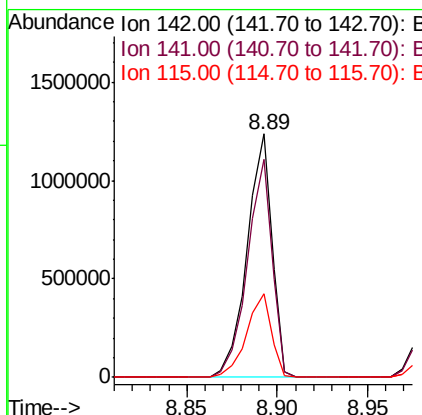
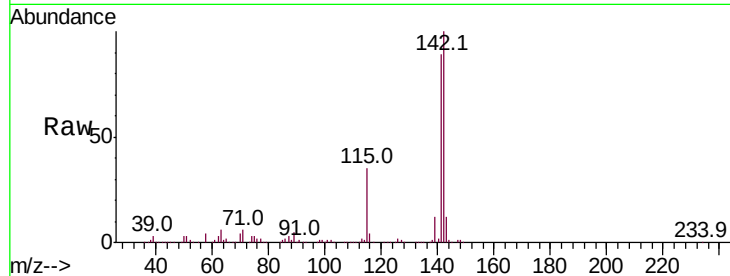
#37
2-Methylnaphthalene
Concen: 42.119 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	106.0
115	34.5	27.8	41.8

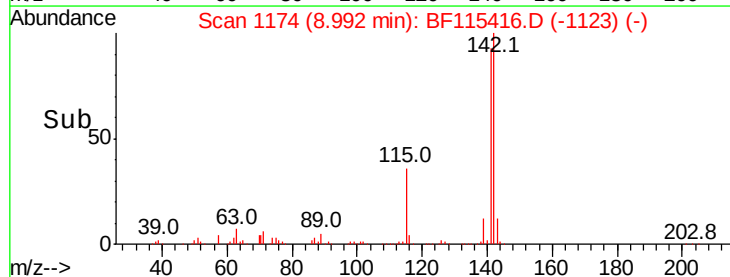
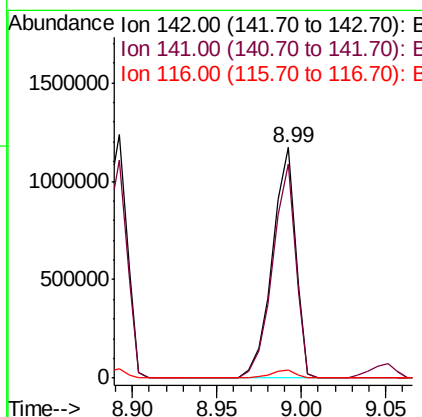
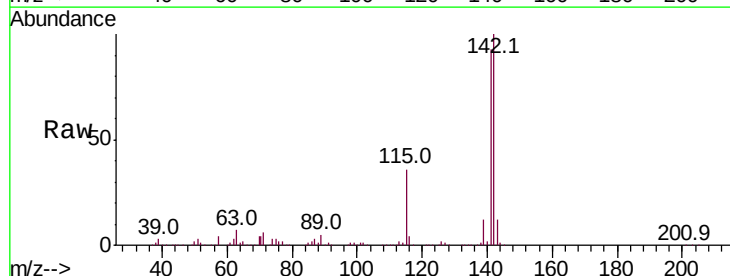
Manual Integrations
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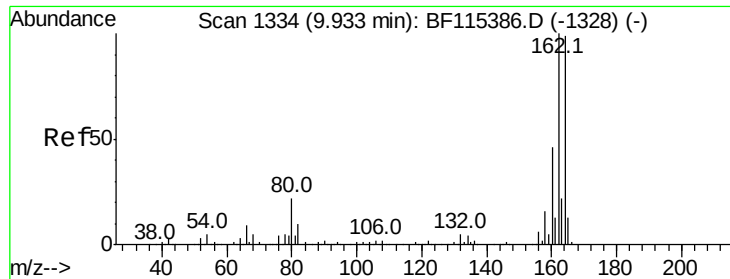
mohammad
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#38
1-Methylnaphthalene
Concen: 41.734 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.7	109.1
116	3.7	3.0	4.4





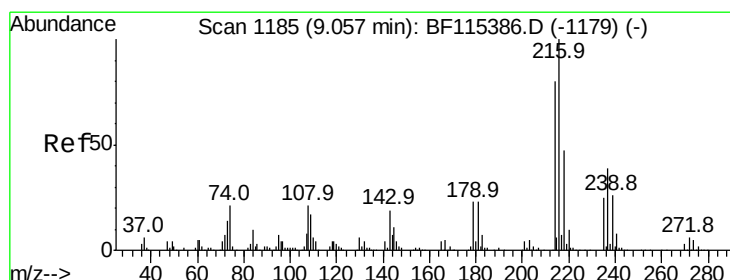
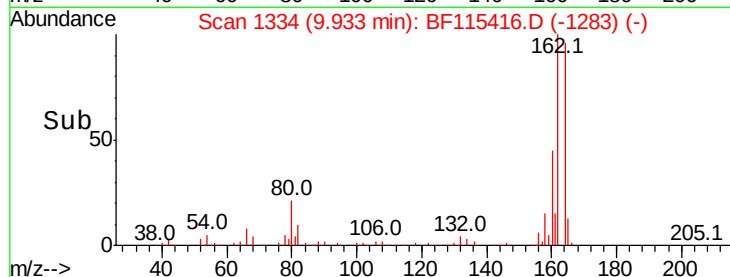
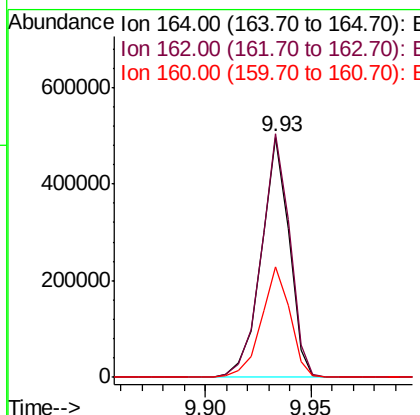
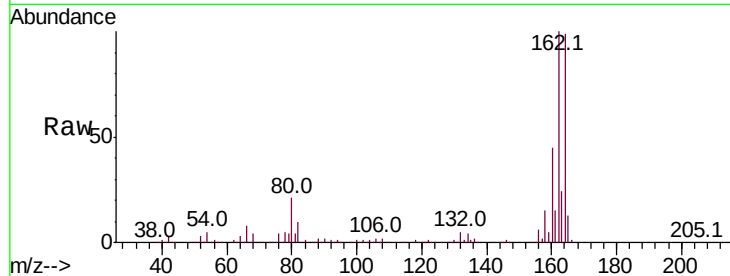
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	80.6	121.0	
160	46.0	37.0	55.6	

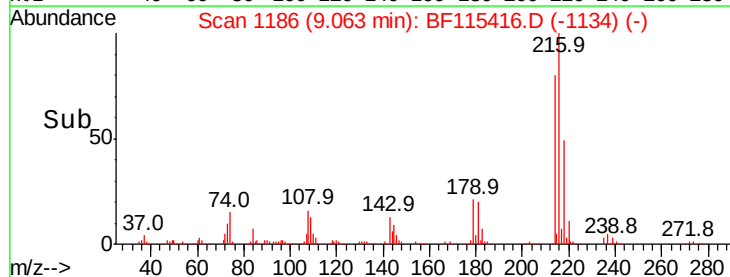
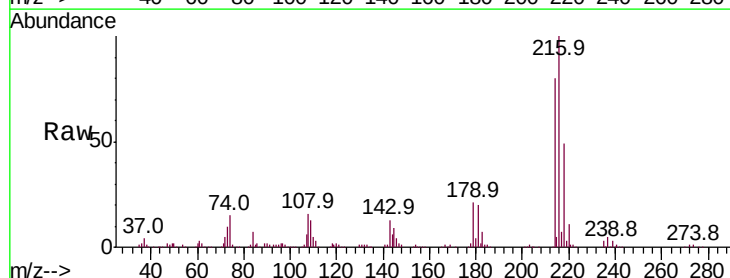
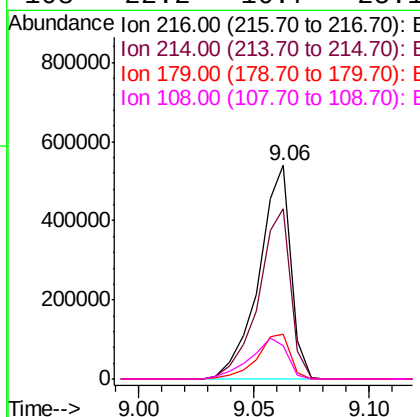
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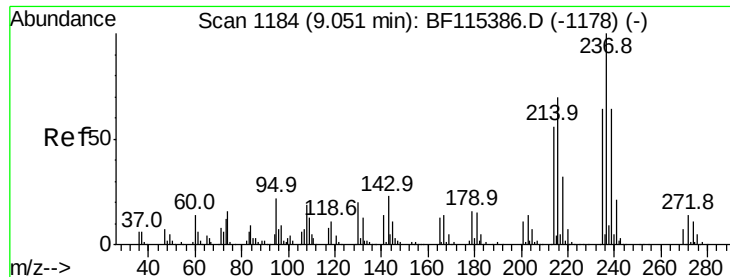
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.298 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.4	63.7	95.5	
179	21.9	17.8	26.8	
108	22.2	16.7	25.1	





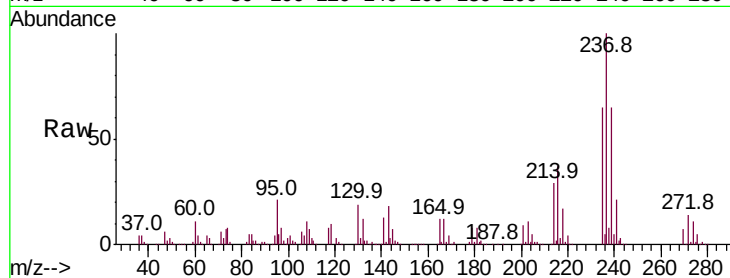
#41
Hexachlorocyclopentadiene
Concen: 76.968 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

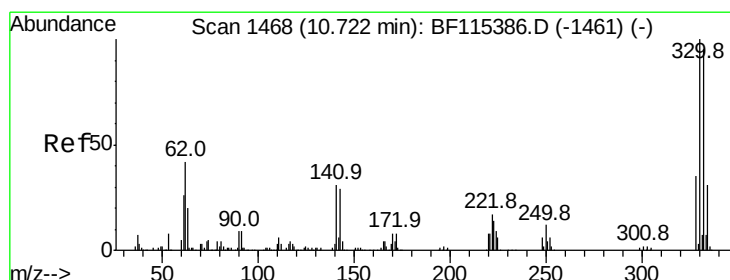
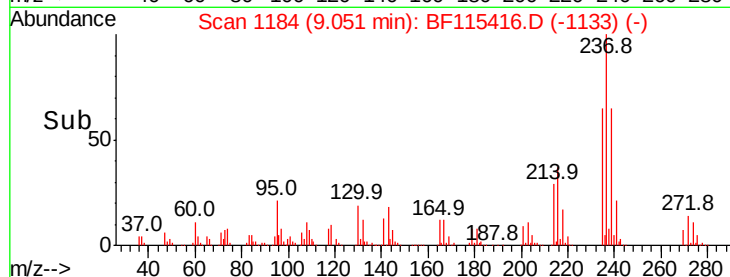
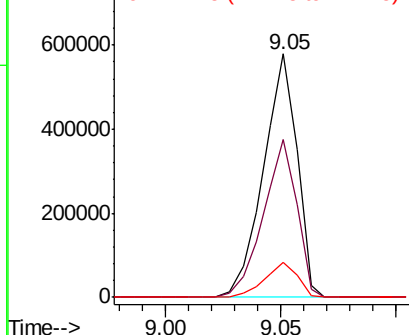
Tot Ion	Ratio	Resp	Lower	Upper
237	100	586741		
235	64.7	44.4	84.4	
272	14.2	0.0	33.7	

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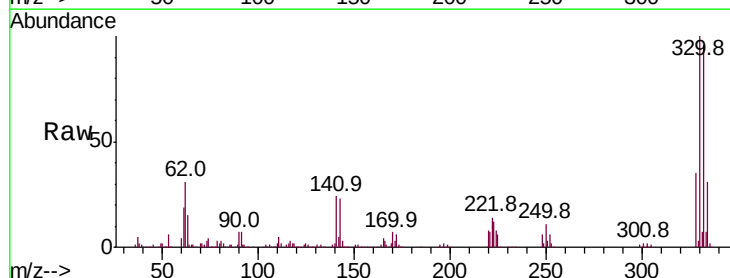


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

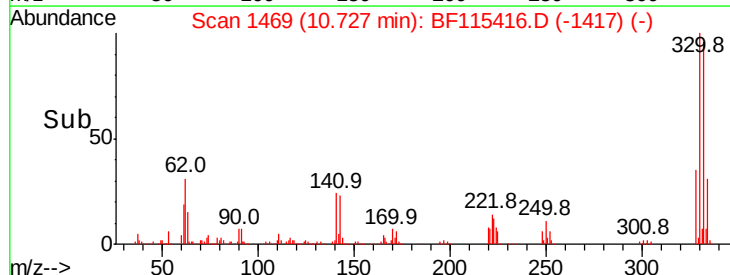
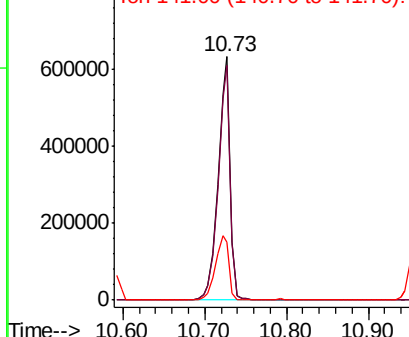


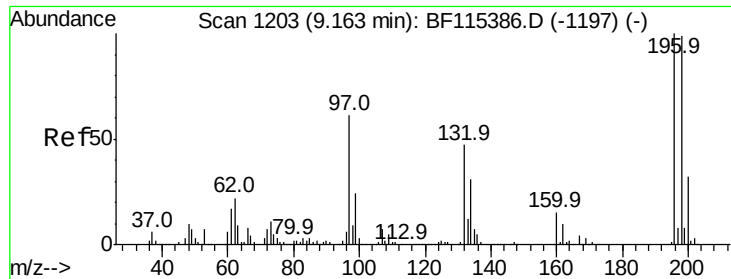
#42
2,4,6-Tribromophenol
Concen: 128.165 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	647869		
332	96.9	76.3	114.5	
141	30.2	27.0	40.4	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





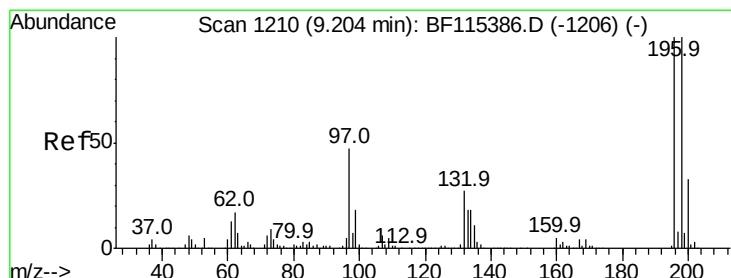
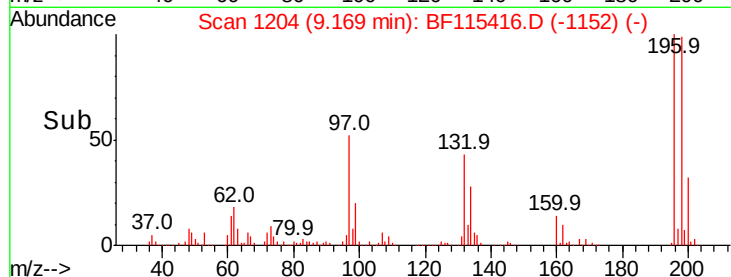
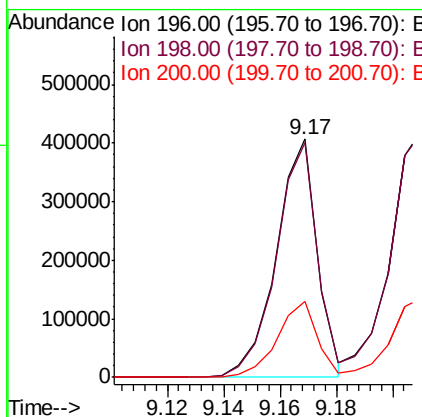
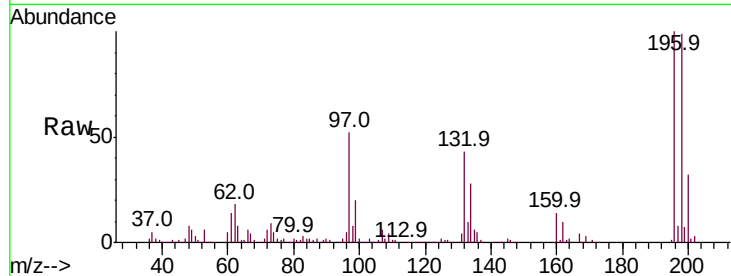
#43
 2,4,6-Trichlorophenol
 Concen: 42.721 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	409076		
198	98.5	79.5	119.3	
200	31.8	25.8	38.8	

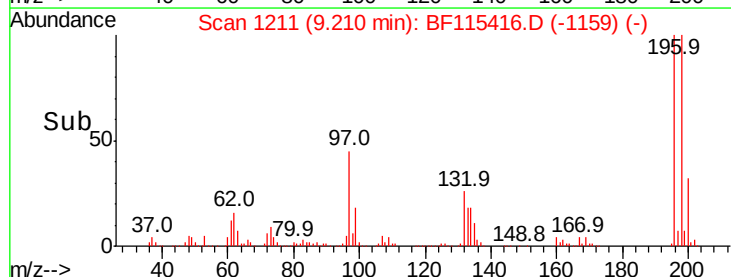
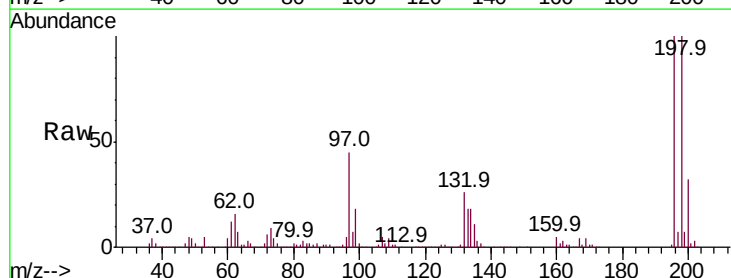
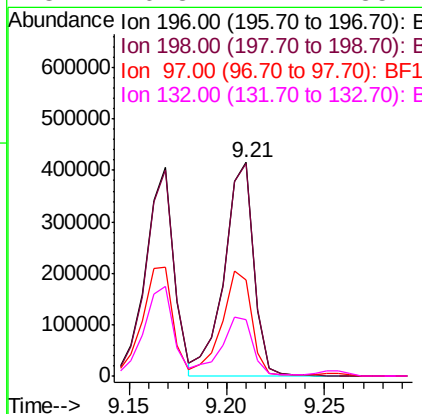
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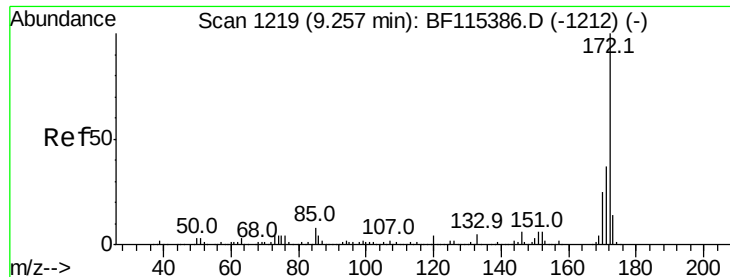
mohammad
 7/10/2019 9:04:32 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.839 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	435275		
198	99.6	80.3	120.5	
97	45.0	38.3	57.5	
132	26.3	22.2	33.2	





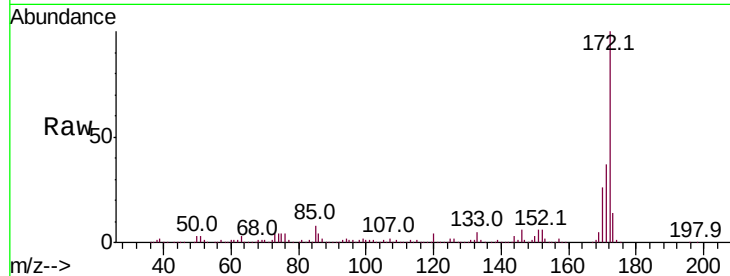
#45
2-Fluorobiphenyl
Concen: 90.059 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.8
170	25.7	20.2	30.4

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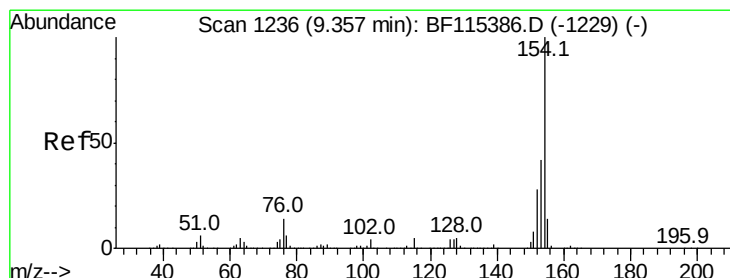
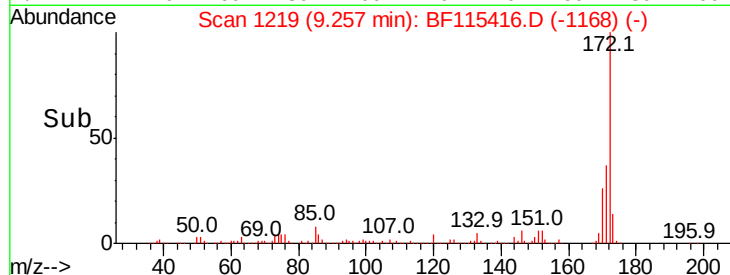
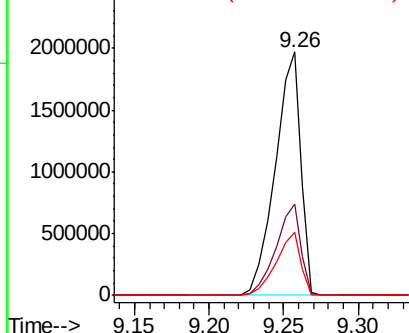


Abundance

Ion 172.00 (171.70 to 172.70): E

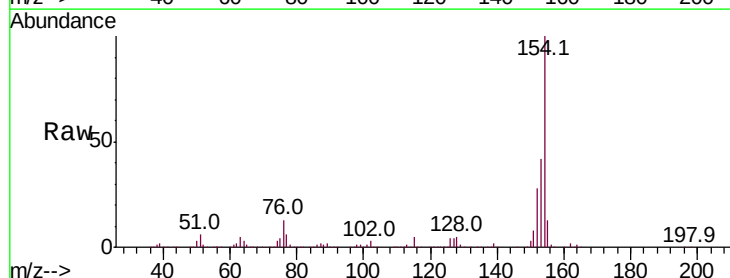
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.374 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.9	61.9
76	13.5	0.0	34.3

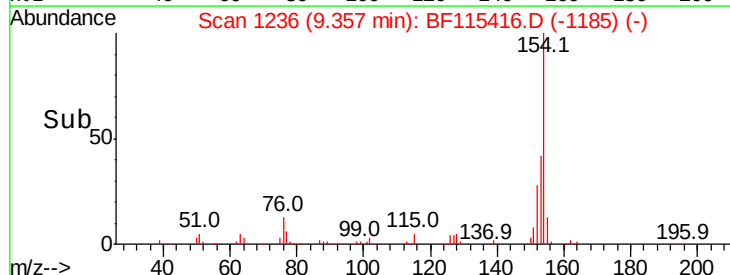
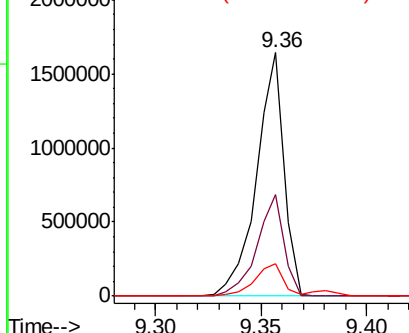


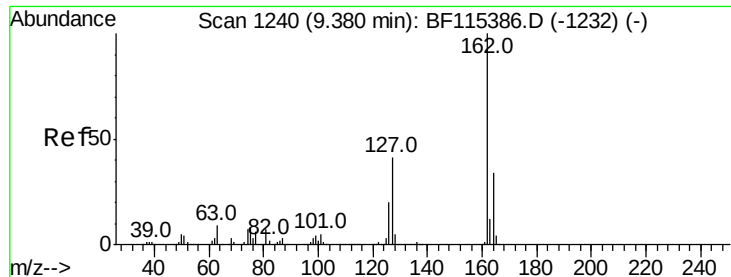
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





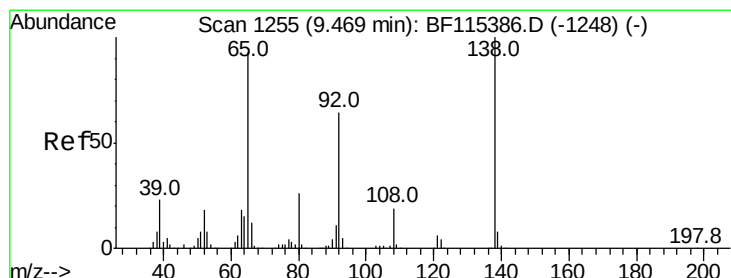
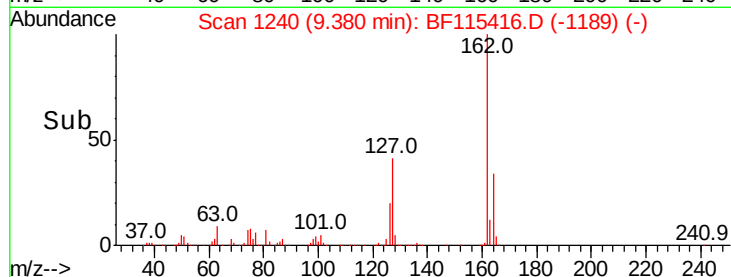
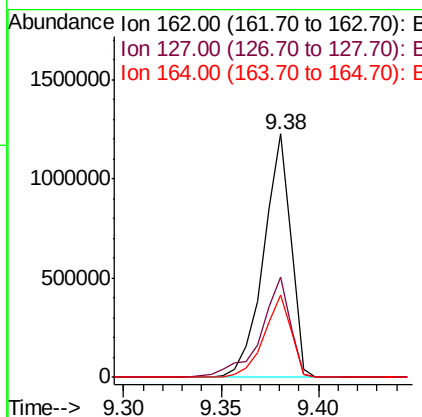
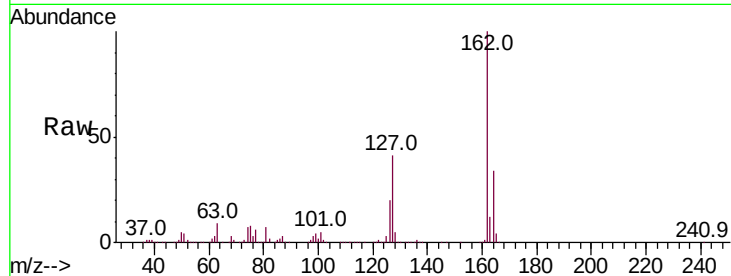
#47
2-Chloronaphthalene
Concen: 39.843 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.8	49.2
164	33.9	27.0	40.6

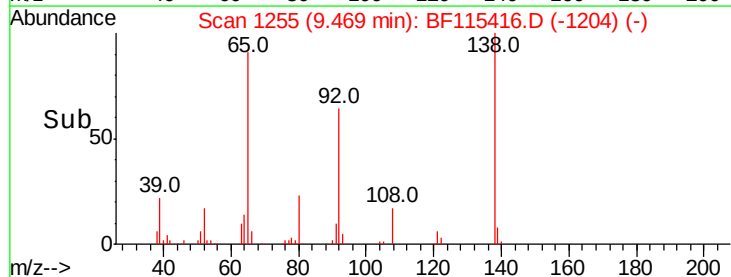
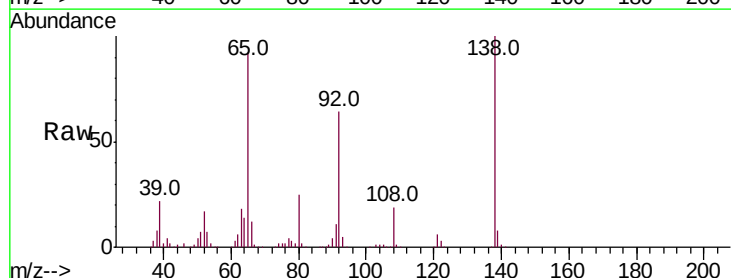
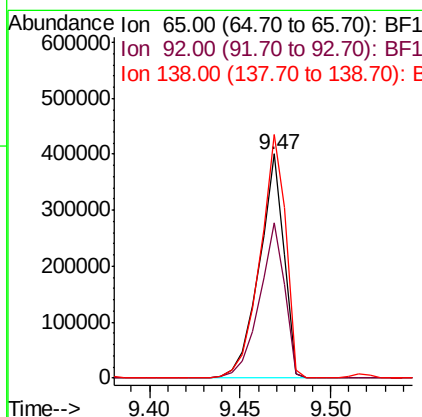
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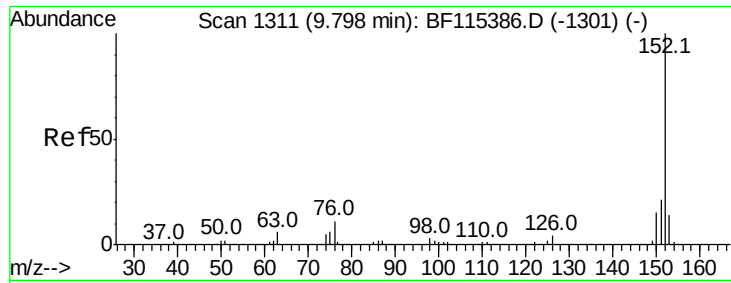
mohammad
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#48
2-Nitroaniline
Concen: 43.695 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	55.4	83.0
138	108.7	85.8	128.8





#49

Acenaphthylene

Concen: 40.365 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMS

Tot Ion:152 Resp: 1815412

Ion Ratio Lower Upper

152 100

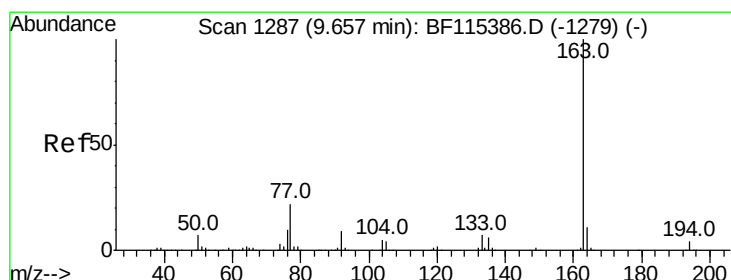
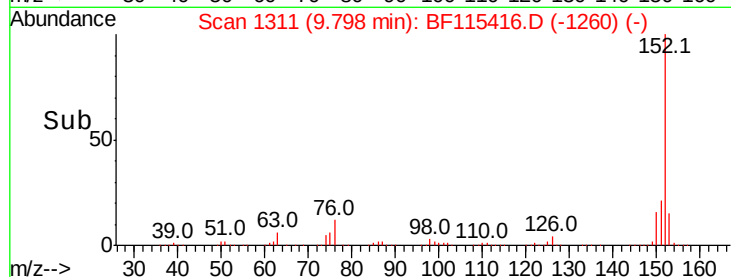
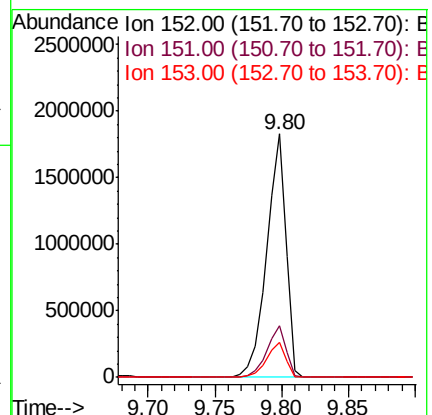
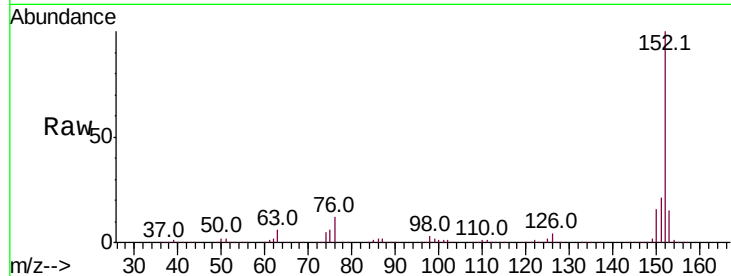
151 21.4 17.0 25.4

153 14.5 11.4 17.2

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#50

Dimethylphthalate

Concen: 42.588 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

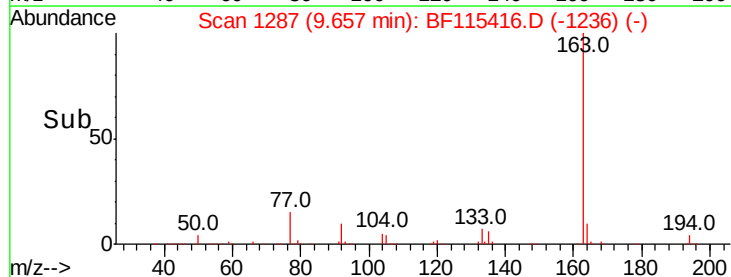
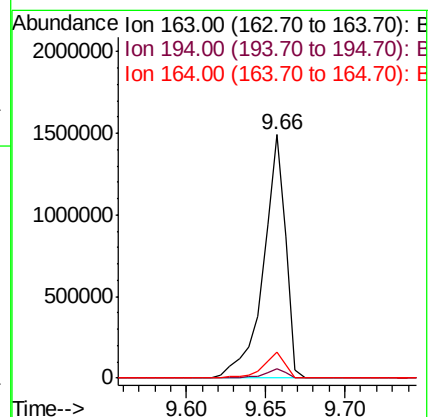
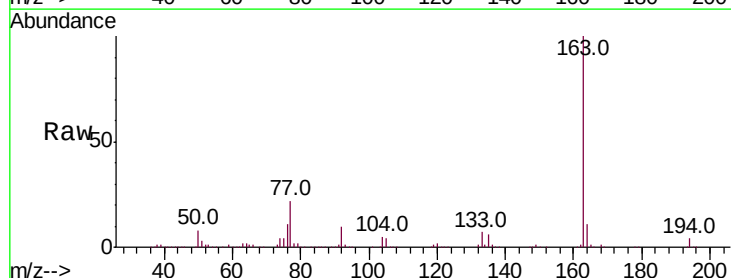
Tgt Ion:163 Resp: 1461418

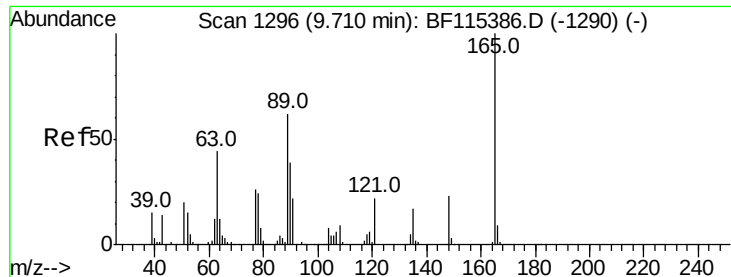
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.7 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 45.330 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Instrument :

BNA_F

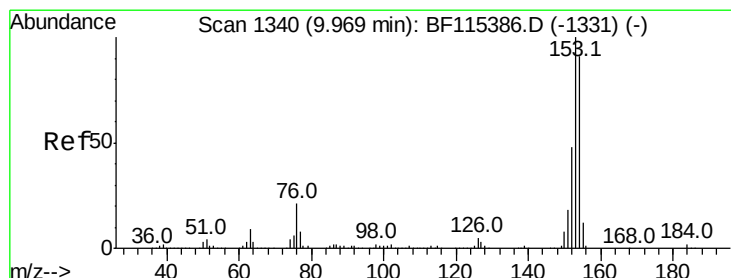
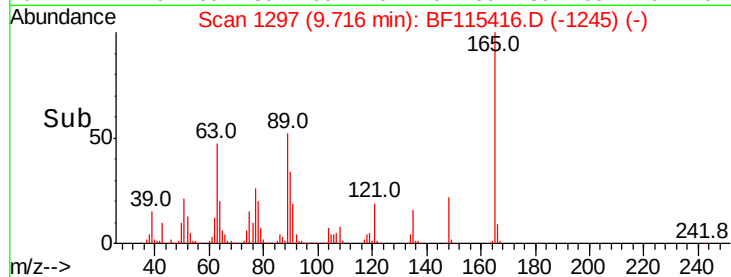
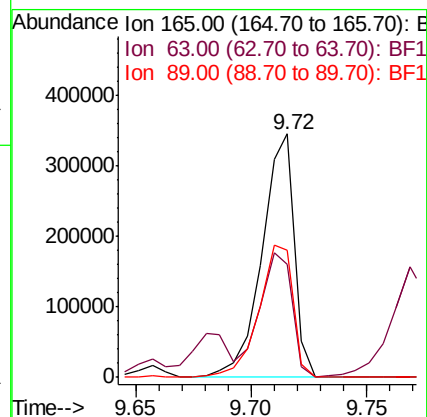
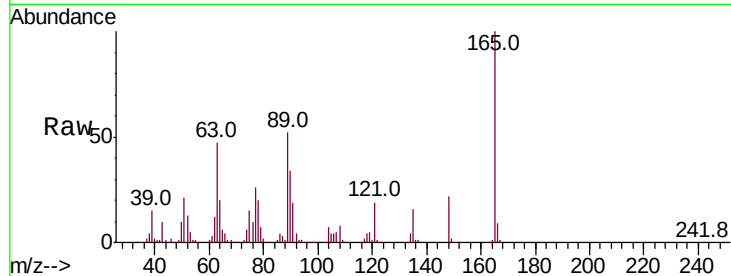
ClientSampleId :

OR-02-070319-AMS

Tot Ion:	165	Resp:	337355
Ion Ratio	Lower	Upper	
165	100		
63	46.6	45.8	68.6
89	52.1	49.9	74.9

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#52

Acenaphthene

Concen: 41.230 ng

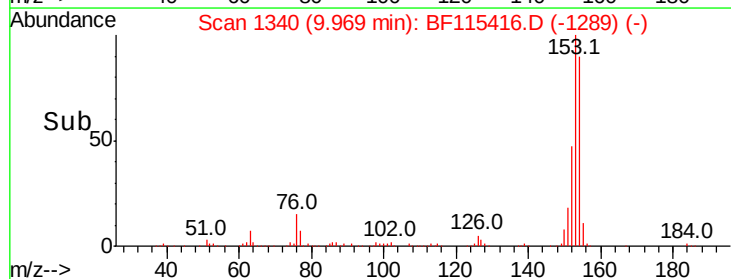
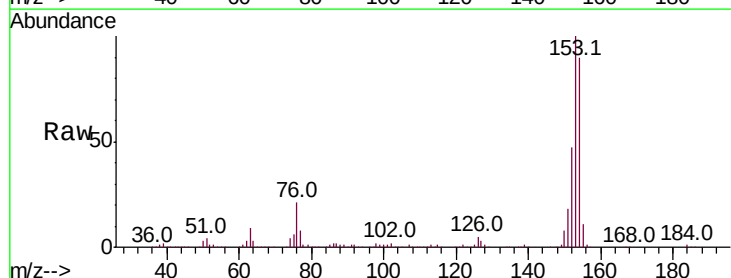
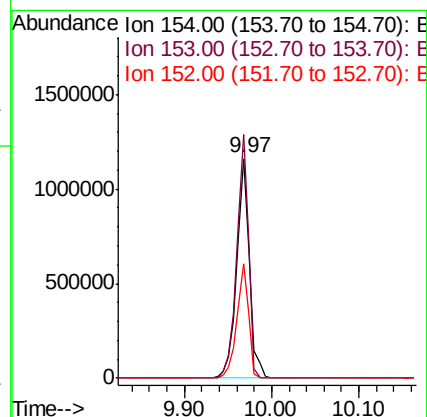
RT: 9.97 min Scan# 1340

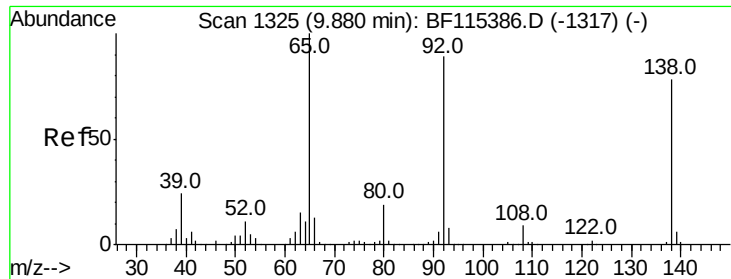
Delta R.T. 0.00 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Tgt Ion:	154	Resp:	1167016
Ion Ratio	Lower	Upper	
154	100		
153	111.0	87.9	131.9
152	52.2	42.2	63.2





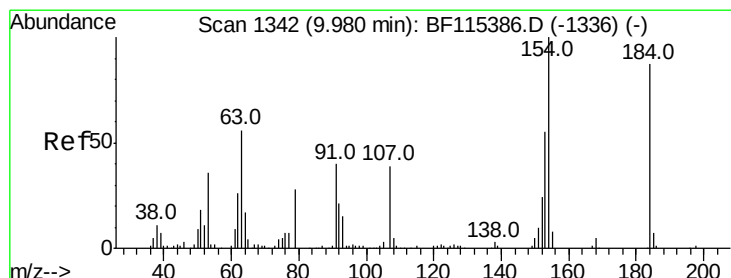
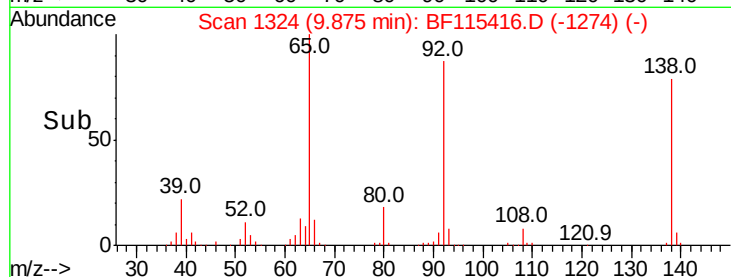
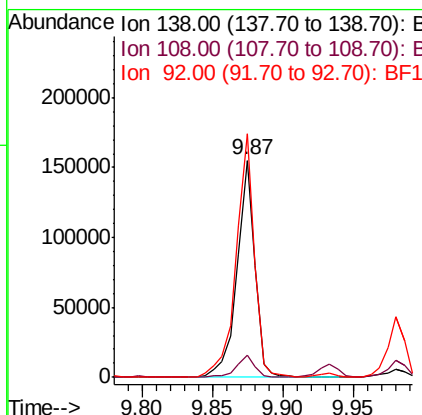
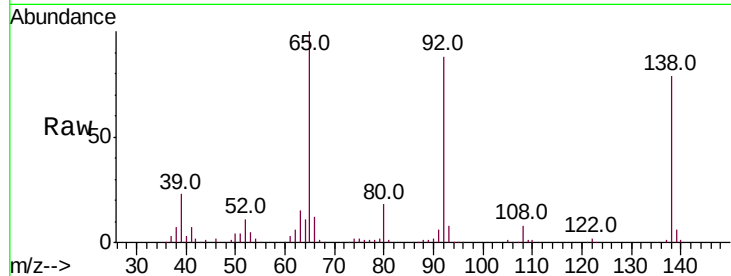
#53
3-Nitroaniline
Concen: 15.787 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.0	13.4
92	112.3	90.5	135.7

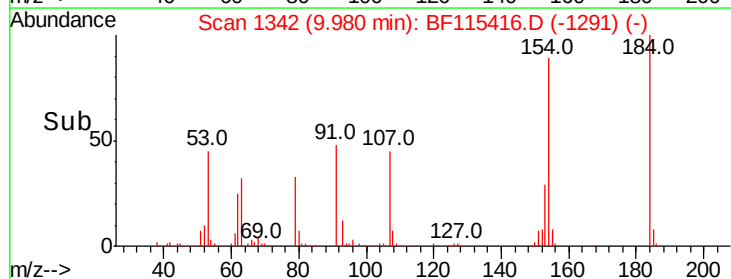
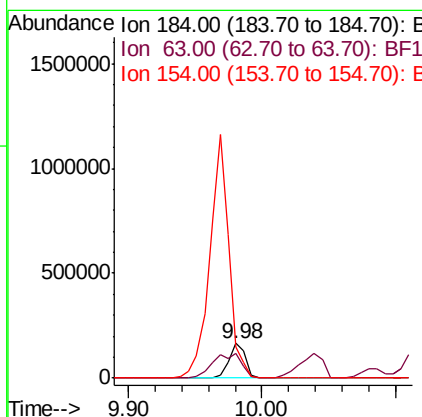
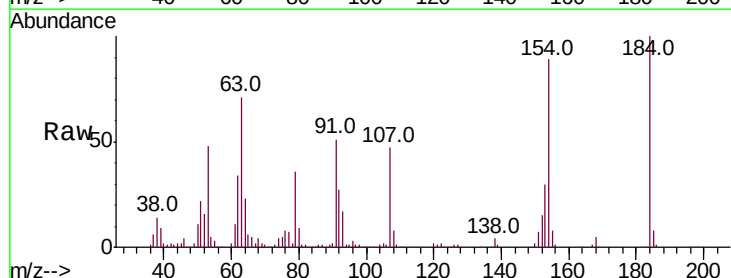
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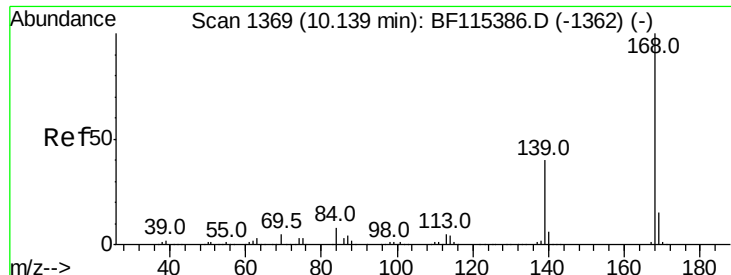
mohammad
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#54
2,4-Dinitrophenol
Concen: 49.495 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.8	52.1	78.1
154	89.4	97.7	146.5#





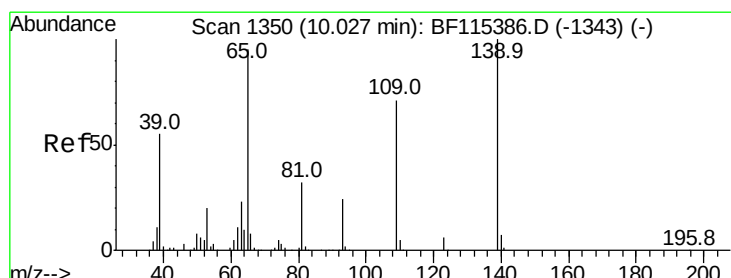
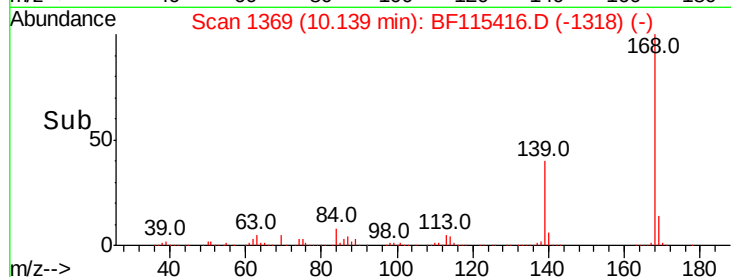
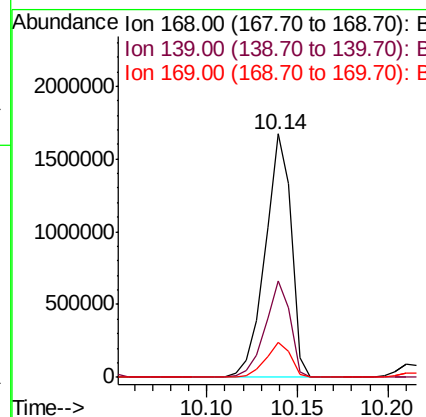
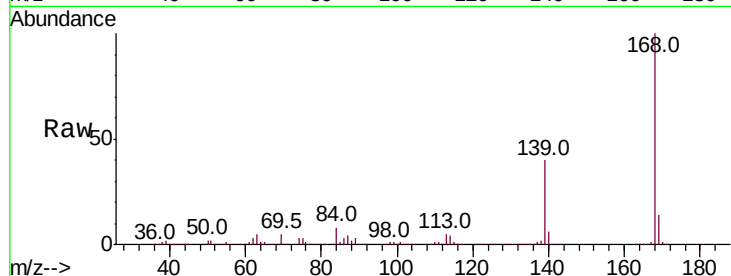
#55
Dibenzofuran
Concen: 41.658 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.2	48.2
169	14.5	11.7	17.5

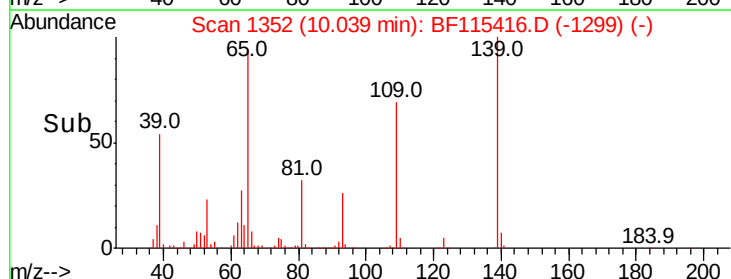
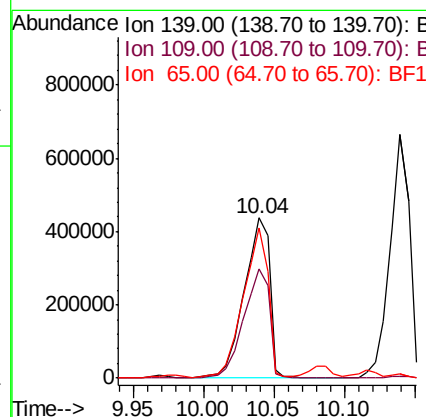
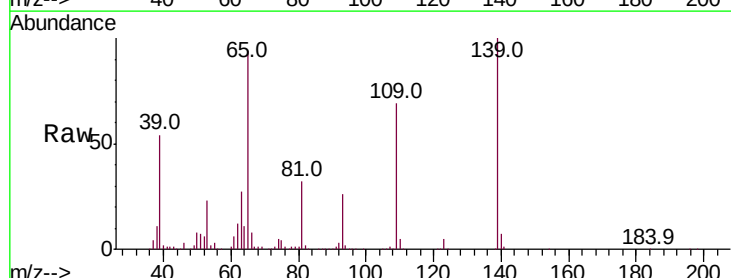
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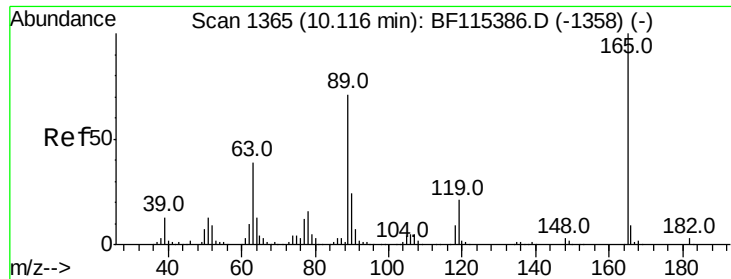
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#56
4-Nitrophenol
Concen: 82.271 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.5	51.1	91.1
65	94.1	75.2	115.2





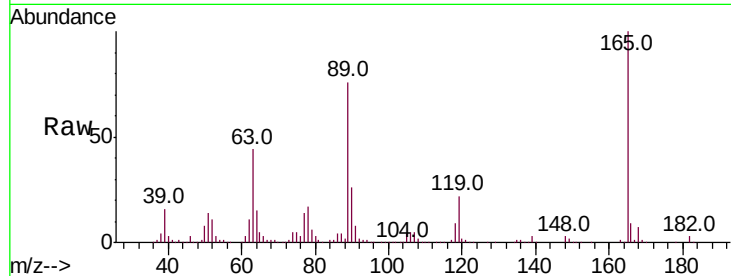
#57
2,4-Dinitrotoluene
Concen: 48.313 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

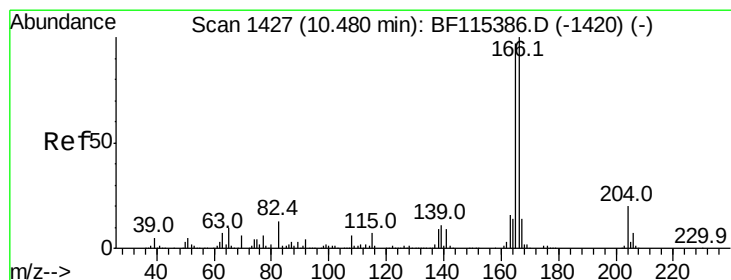
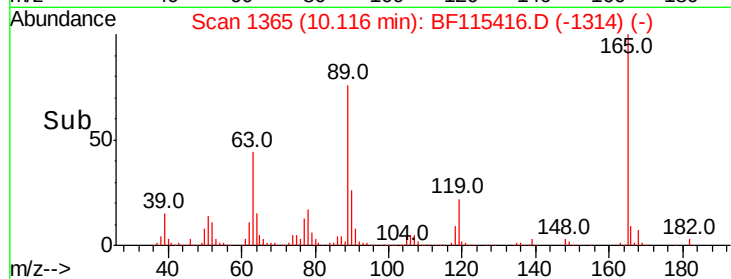
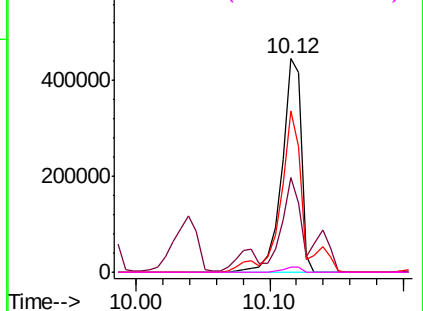
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.1	31.4	47.0
89	75.6	57.1	85.7
182	2.6	2.2	3.2

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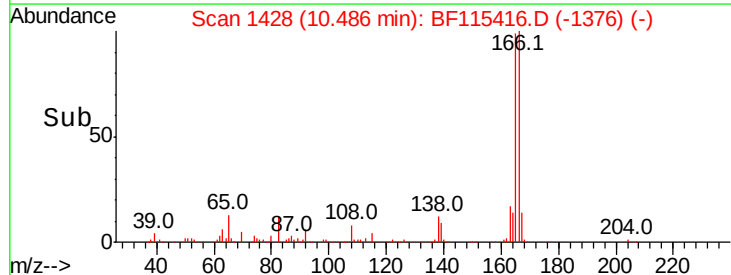
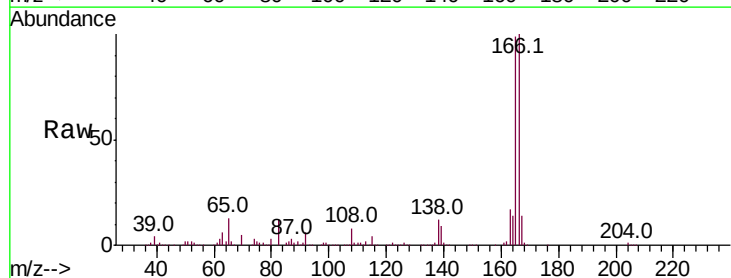
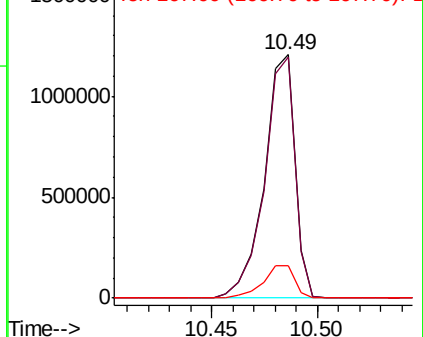
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

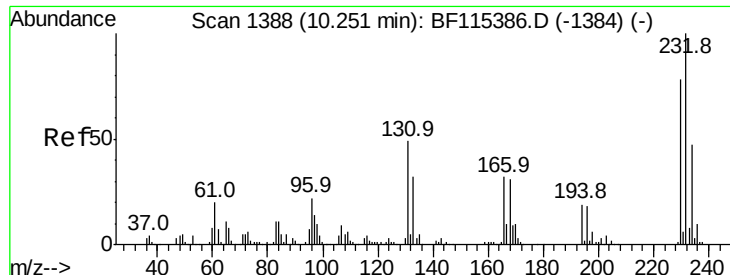


#58
Fluorene
Concen: 38.820 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.6
167	13.6	11.0	16.6

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.728 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMS

Tot Ion:232 Resp: 383651

Ion Ratio Lower Upper

232 100

131 45.1 36.6 55.0

130 2.2 1.8 2.8

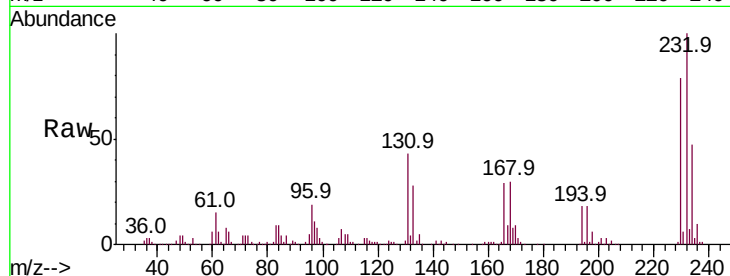
166 30.2 24.6 36.8

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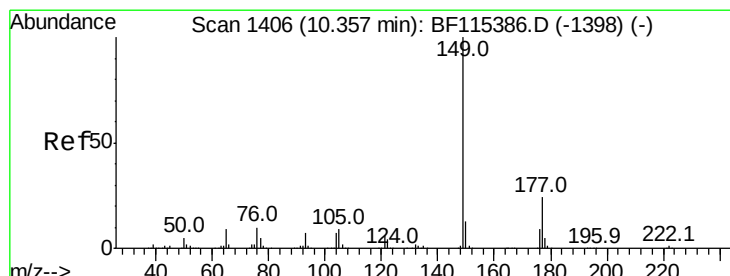
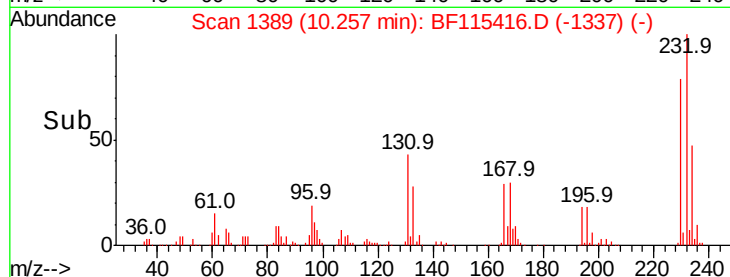
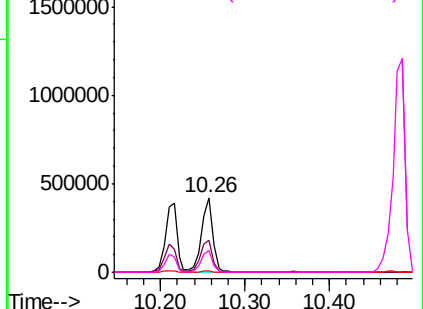


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.602 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Tgt Ion:149 Resp: 1438920

Ion Ratio Lower Upper

149 100

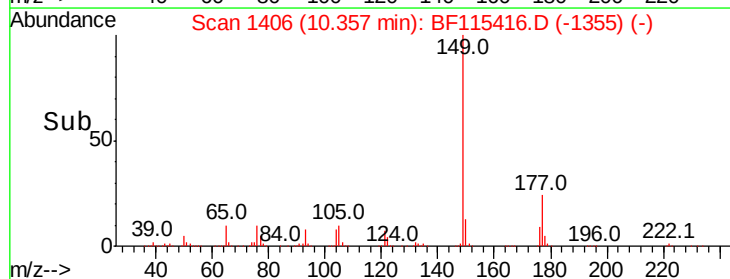
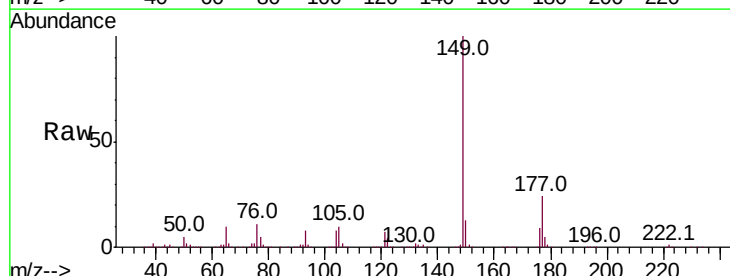
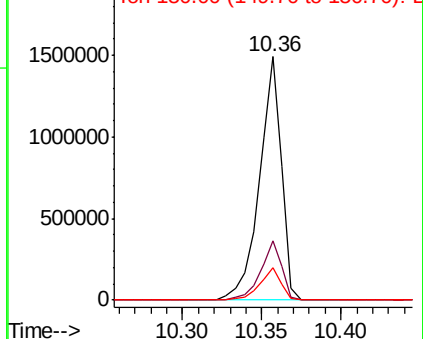
177 24.3 18.8 28.2

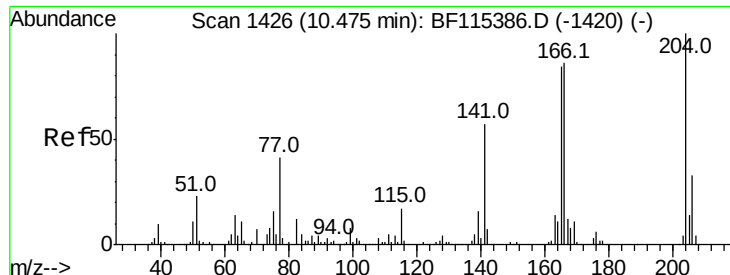
150 13.1 10.2 15.2

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





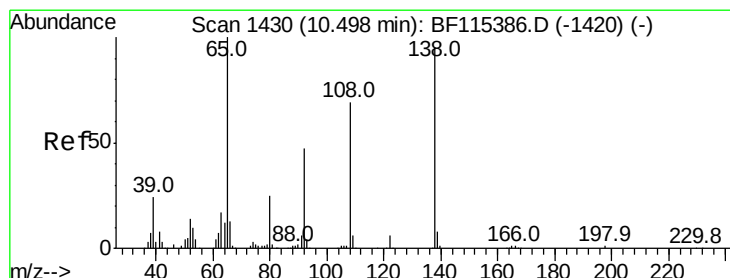
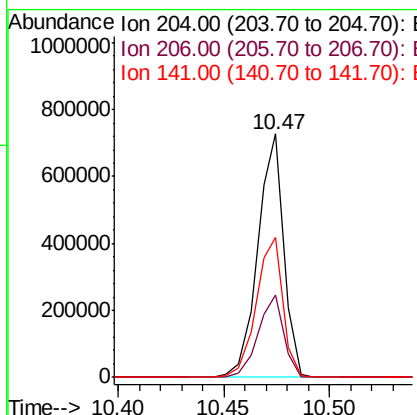
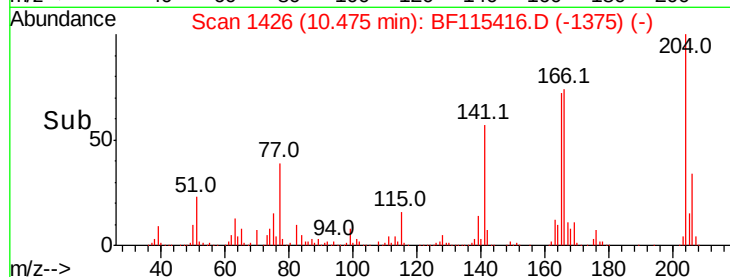
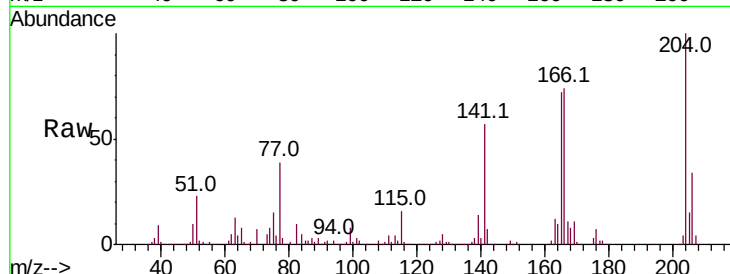
#61
4-Chlorophenyl-phenylether
Concen: 40.626 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.1	39.1
141	57.3	45.8	68.6

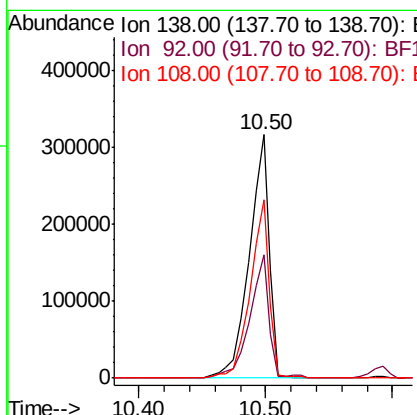
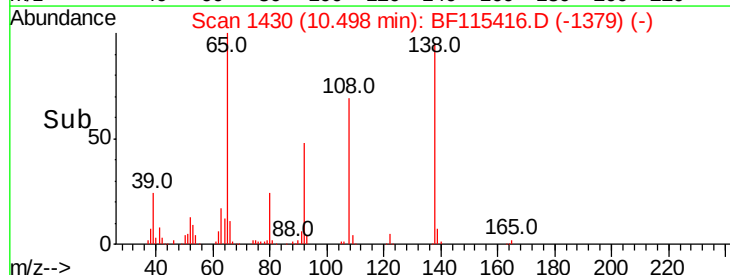
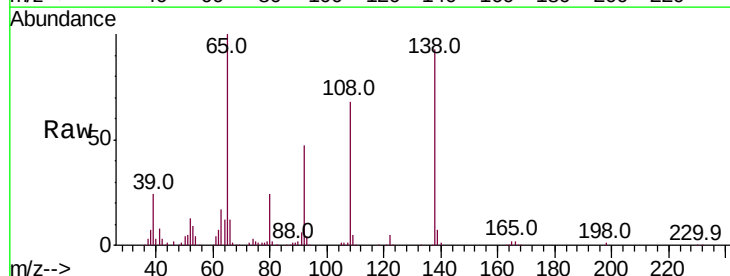
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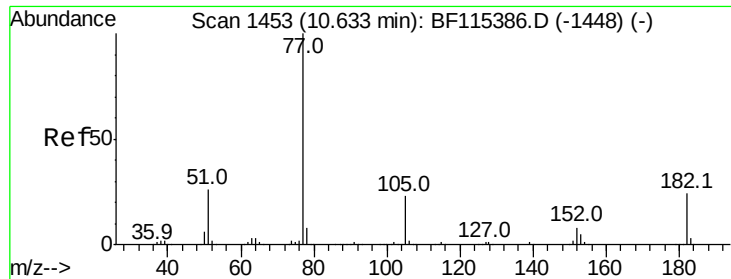
mohammad
7/10/2019 9:04:32 AM



#62
4-Nitroaniline
Concen: 41.053 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.3	69.3
108	73.2	53.2	93.2





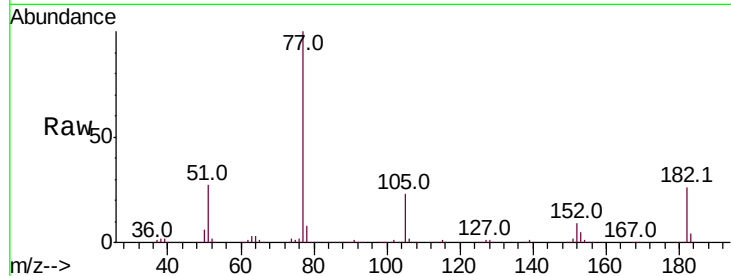
#63
Azobenzene
Concen: 41.509 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

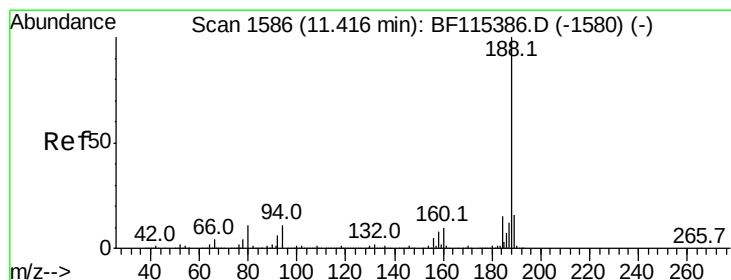
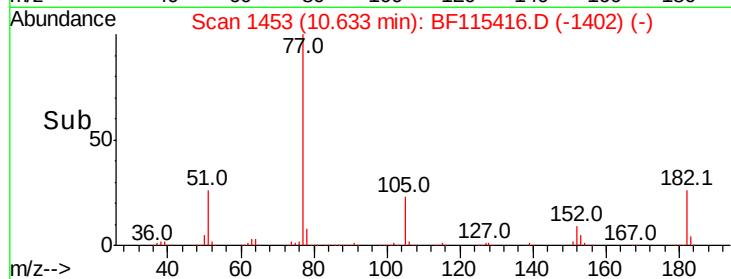
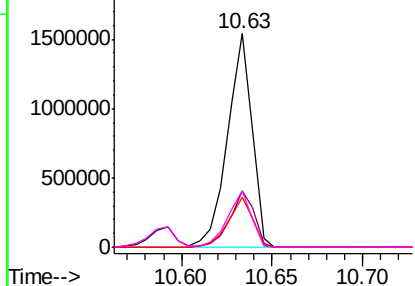
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.1	44.1
105	23.1	2.6	42.6
51	26.5	6.4	46.4

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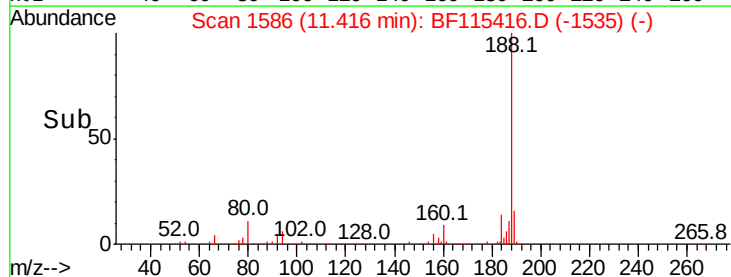
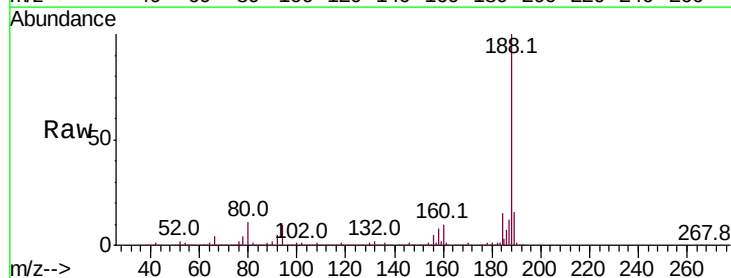
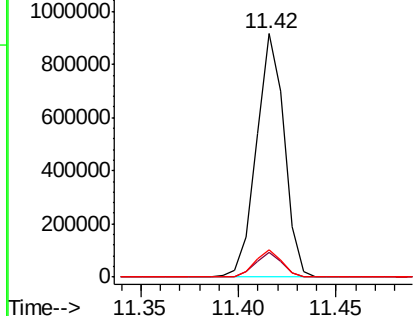
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

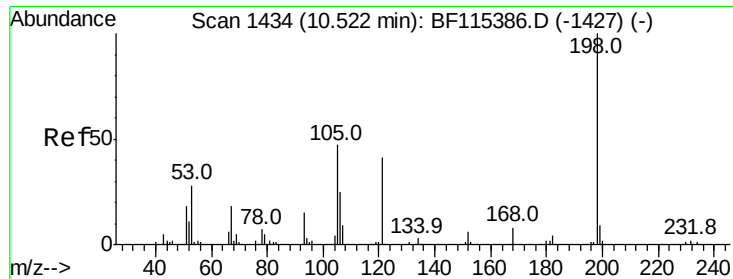


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.3	9.1	13.7

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





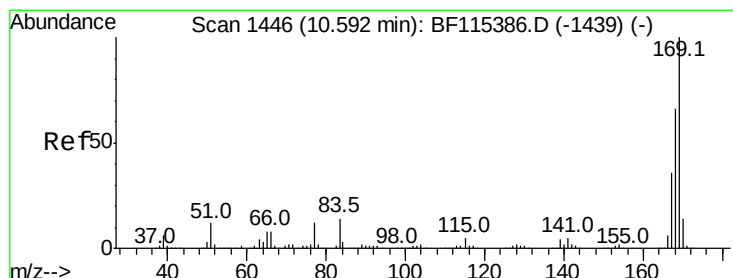
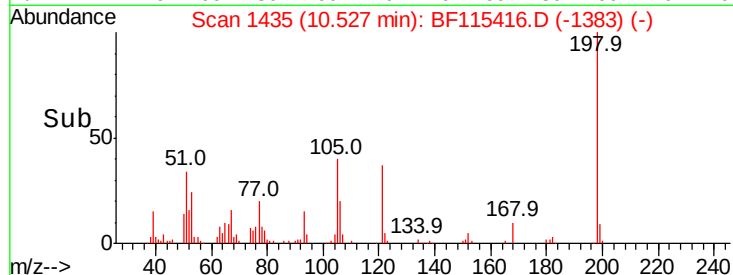
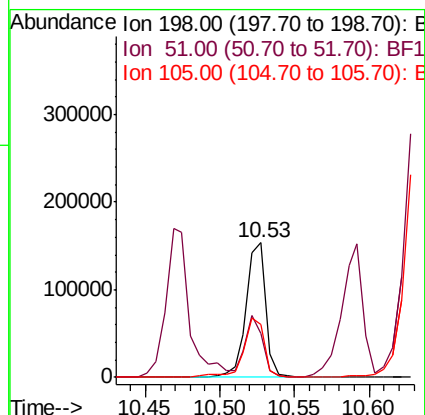
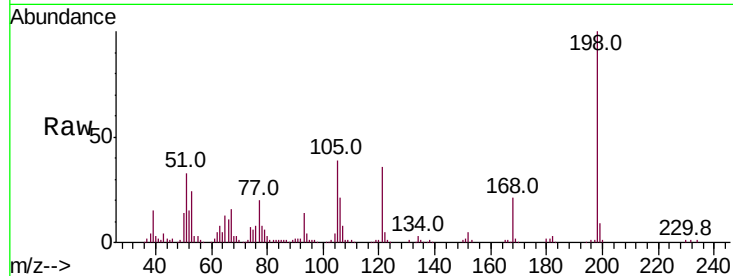
#65
4,6-Dinitro-2-methylphenol
Concen: 35.125 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	140744		
51	33.1	25.4	65.4	
105	39.4	27.9	67.9	

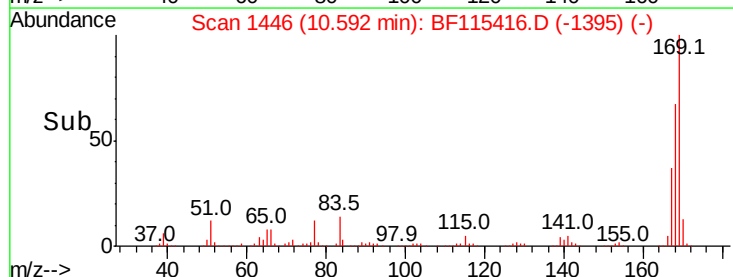
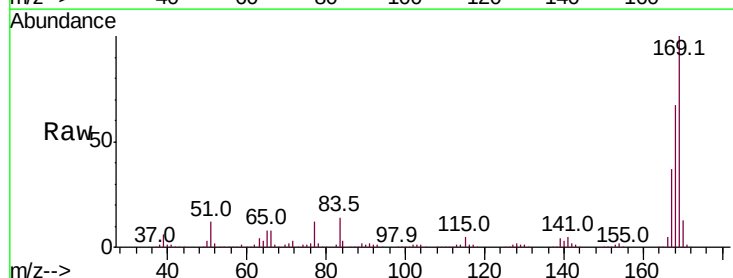
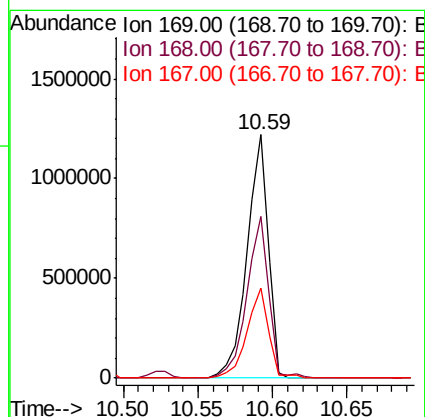
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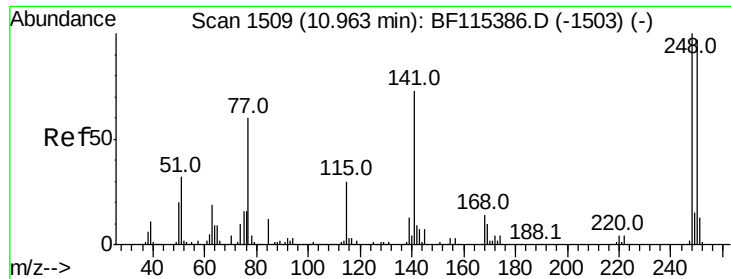
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.246 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1199478		
168	66.7	52.6	79.0	
167	37.2	29.2	43.8	





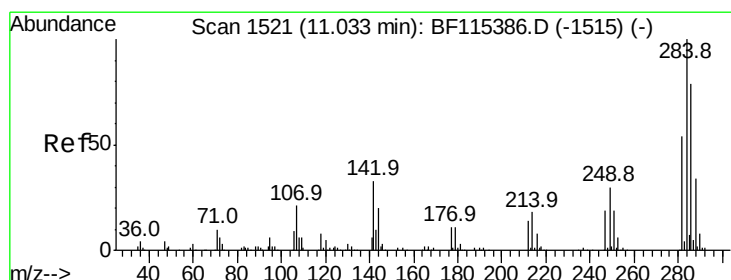
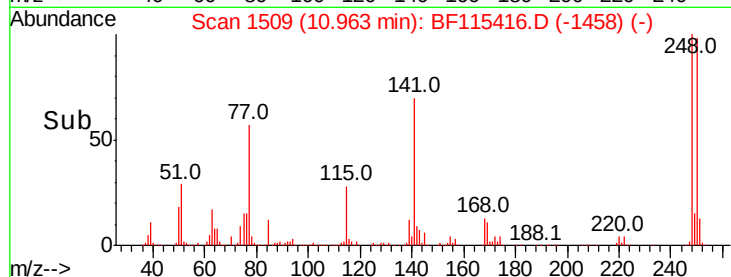
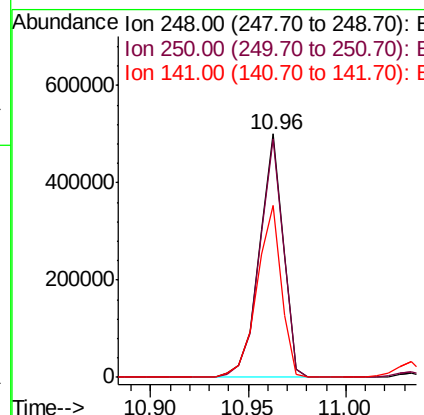
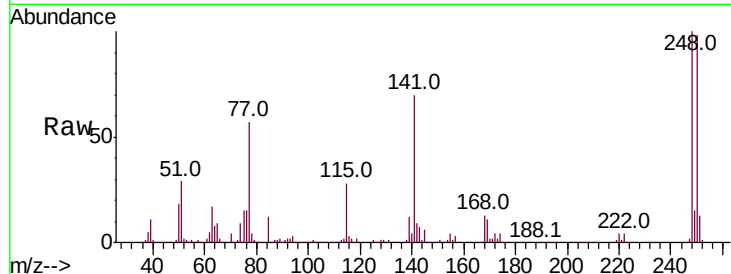
#67
 4-Bromophenyl-phenylether
 Concen: 41.958 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.3	115.9
141	70.4	58.5	87.7

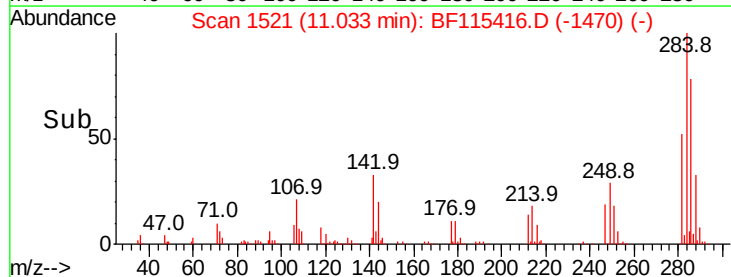
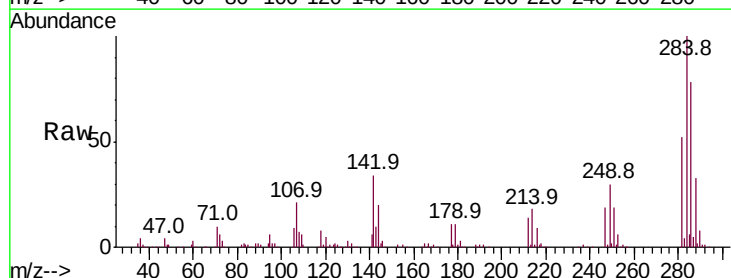
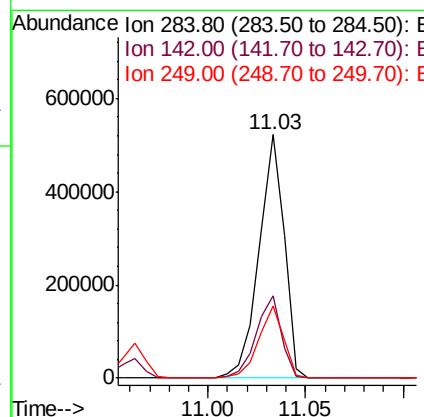
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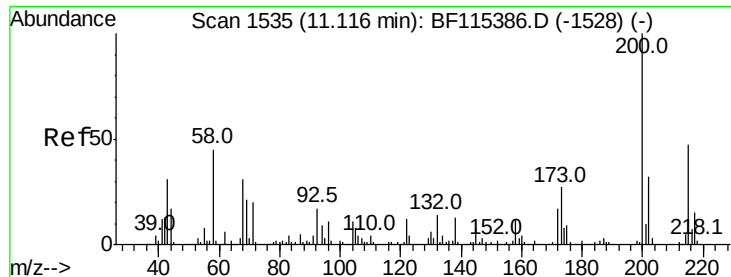
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#68
 Hexachlorobenzene
 Concen: 41.087 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	26.5	39.7
249	29.7	24.2	36.2





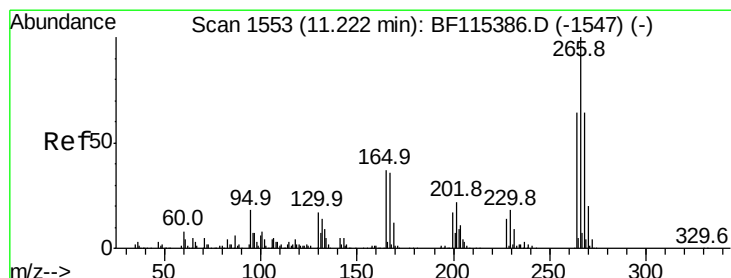
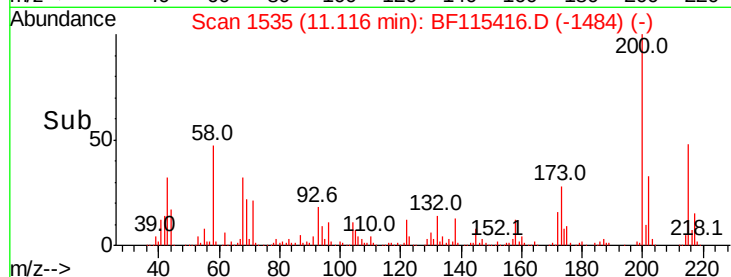
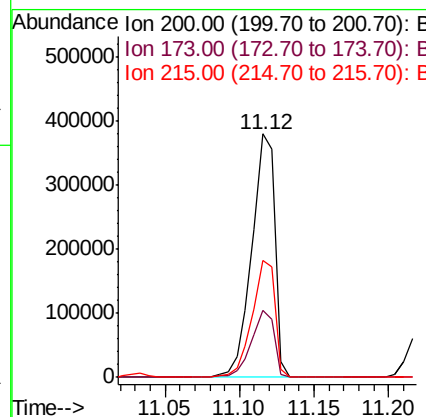
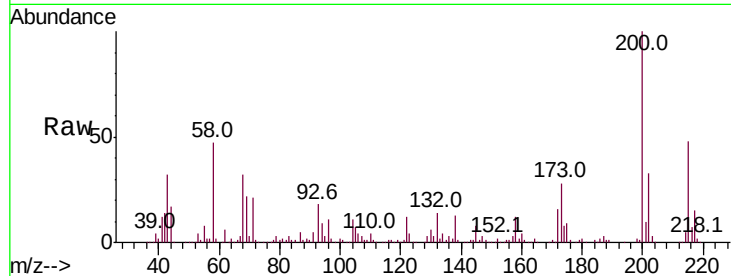
#69
Atrazine
Concen: 46.120 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	405247		
173	27.5	7.1	47.1	
215	48.0	27.5	67.5	

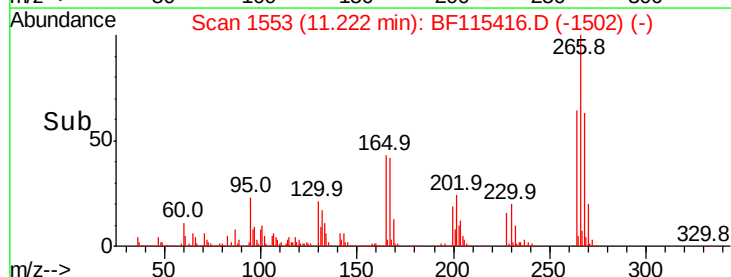
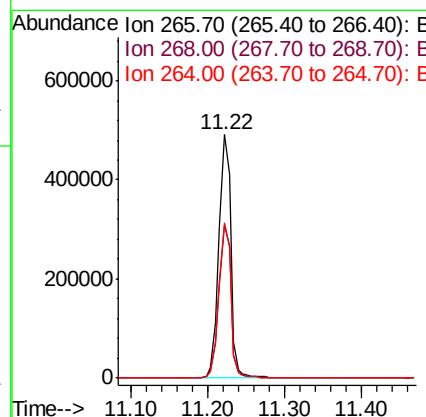
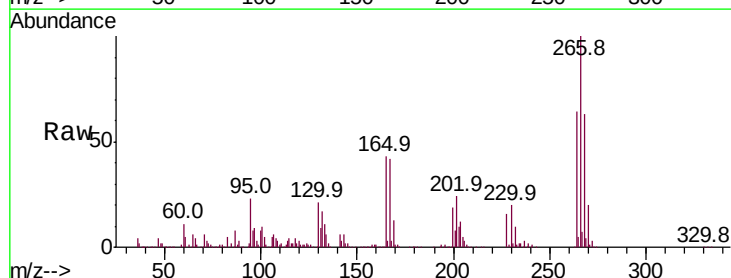
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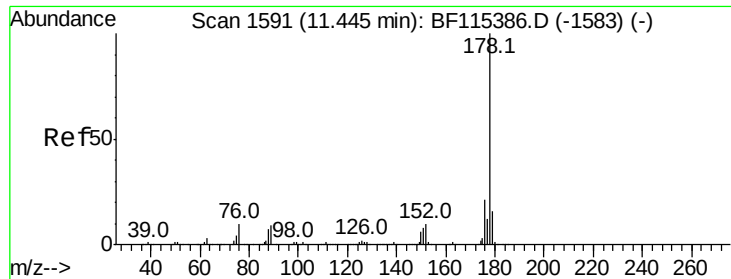
mohammad
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#70
Pentachlorophenol
Concen: 75.745 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	523744		
268	63.0	51.3	76.9	
264	63.6	51.6	77.4	





#71

Phenanthrene

Concen: 39.931 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OR-02-070319-AMS

Tot Ion:178 Resp: 1892399

Ion Ratio Lower Upper

178 100

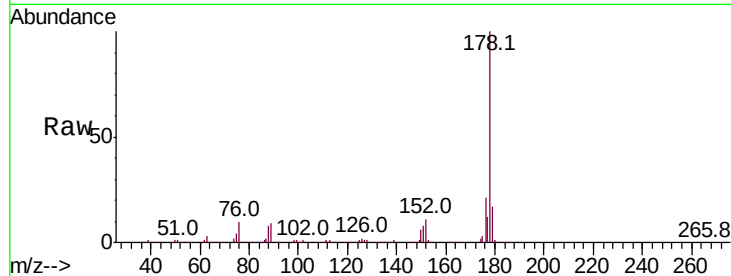
176 21.3 16.6 25.0

179 16.5 13.0 19.6

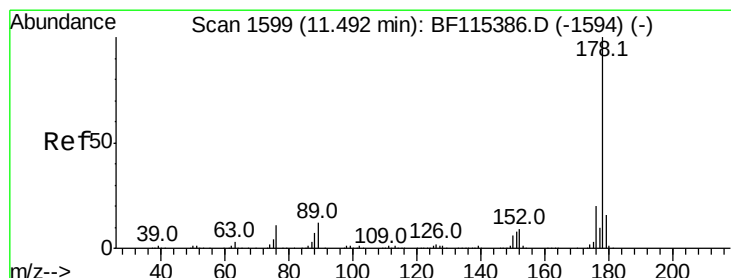
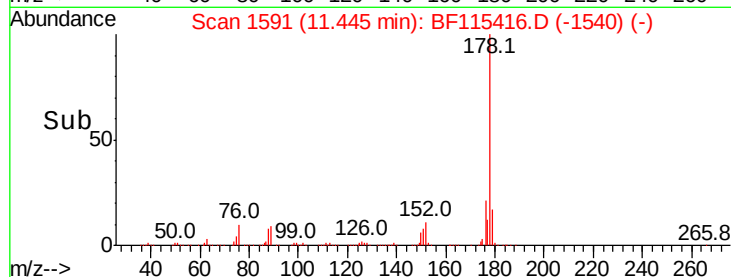
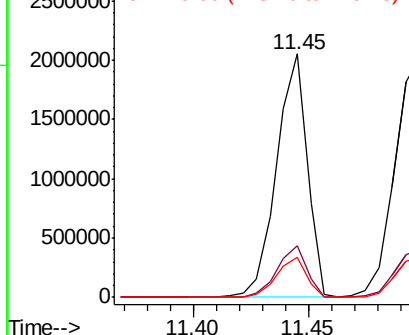
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.222 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF115416.D

Acq: 8 Jul 2019 20:20

Tgt Ion:178 Resp: 1959003

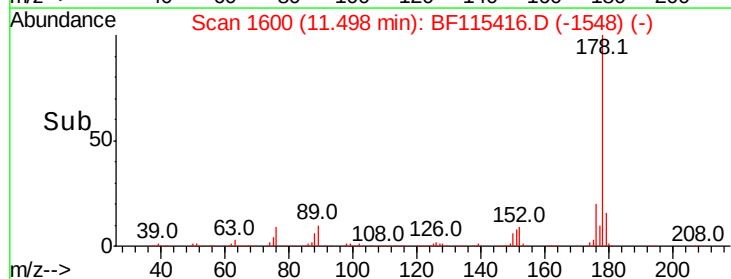
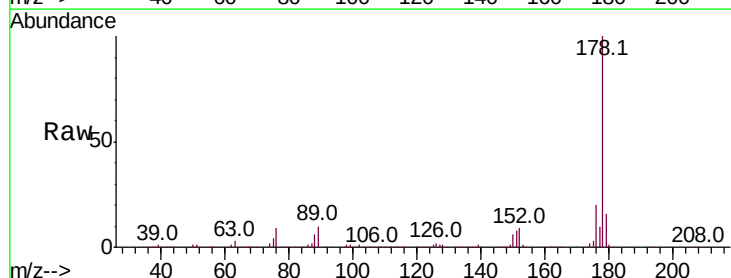
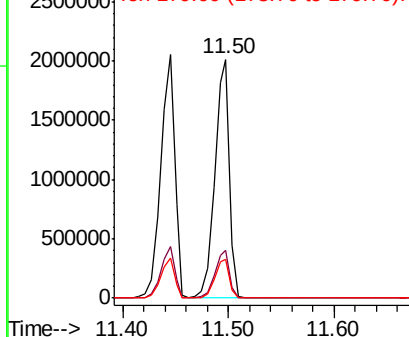
Ion Ratio Lower Upper

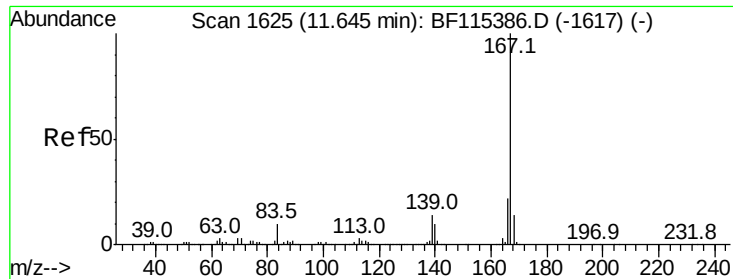
178 100

176 20.2 16.0 24.0

179 16.4 13.1 19.7

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





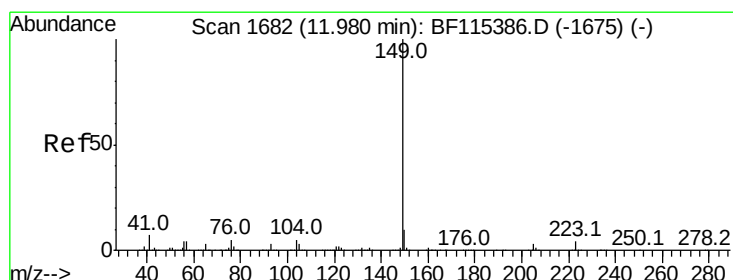
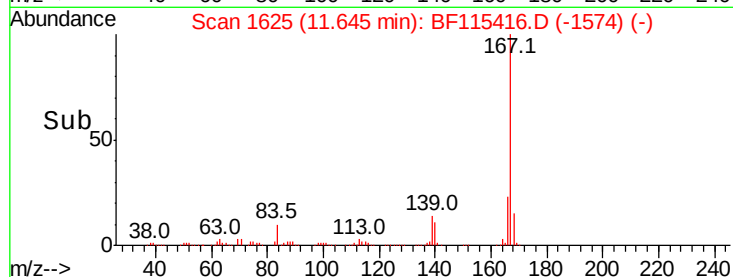
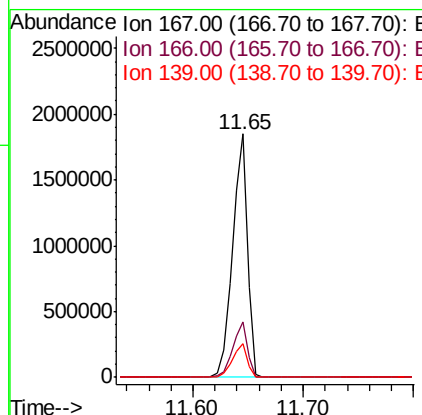
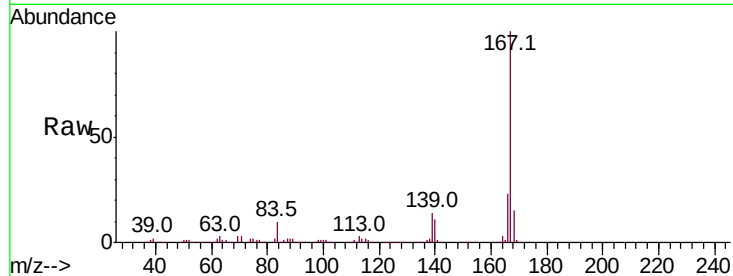
#73
 Carbazole
 Concen: 40.262 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.9	17.9	26.9	
139	13.8	11.0	16.6	

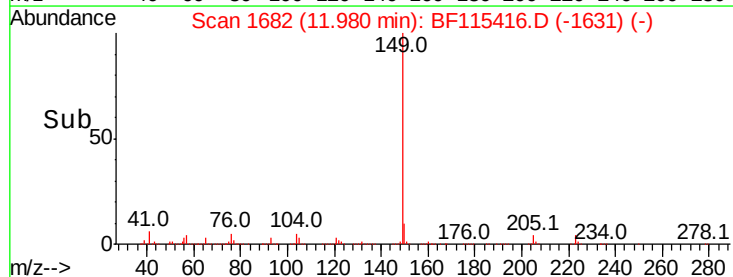
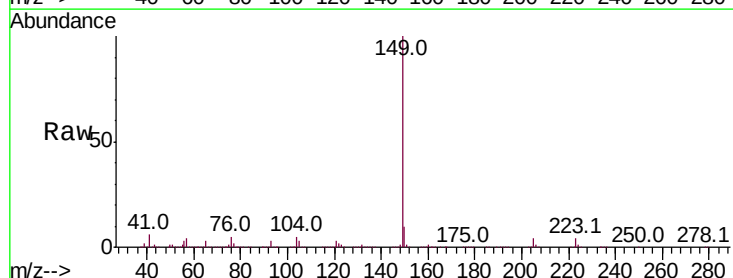
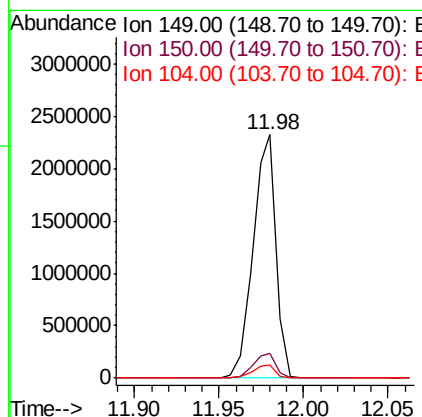
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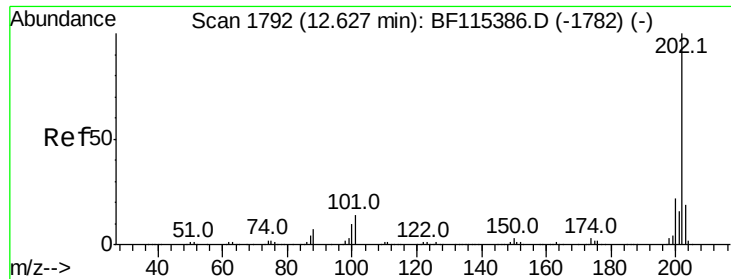
mohammad
 7/10/2019 9:04:32 AM



#74
 Di-n-butylphthalate
 Concen: 41.791 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.1	8.0	12.0	
104	5.3	4.4	6.6	





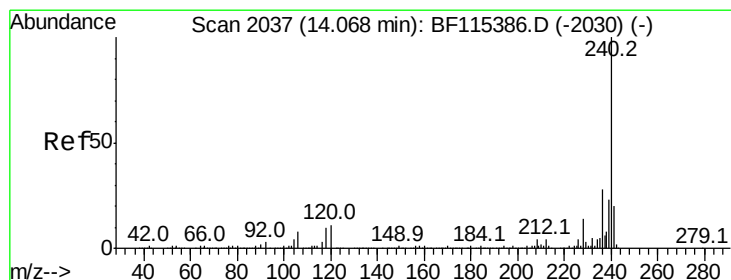
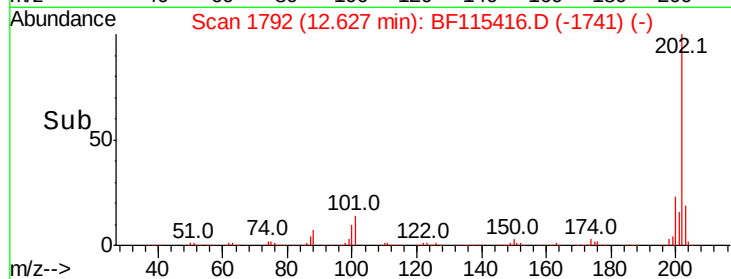
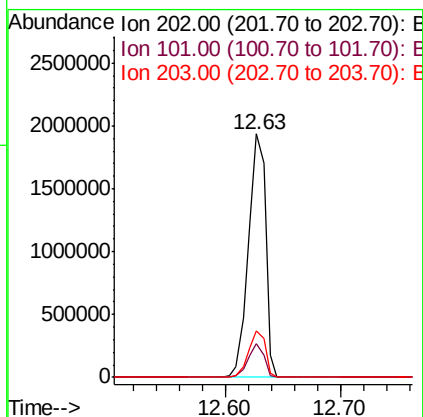
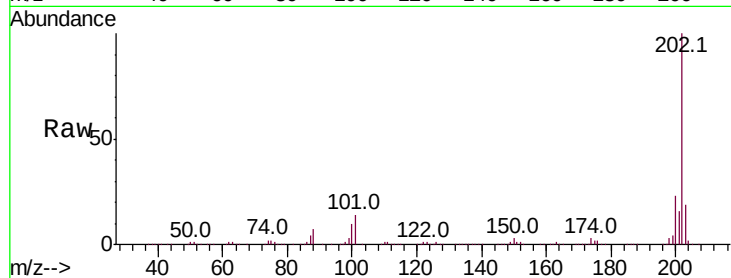
#75
Fluoranthene
Concen: 39.917 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1991836		
101	13.8	0.0	34.0	
203	19.2	0.0	38.5	

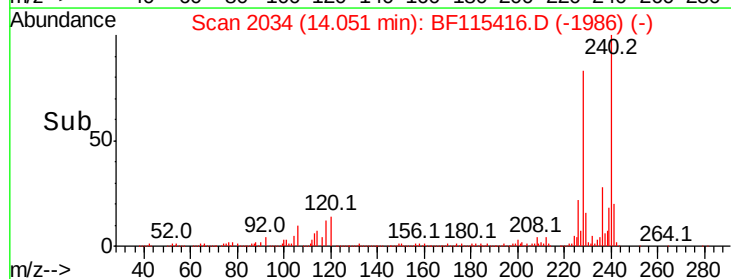
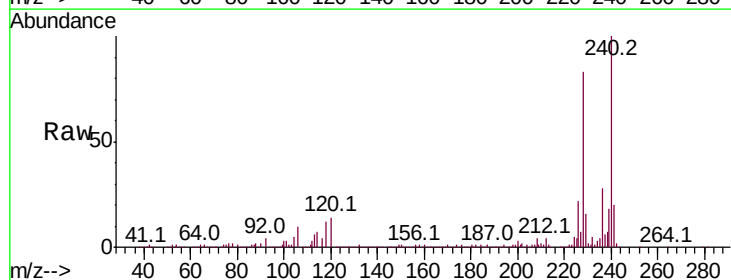
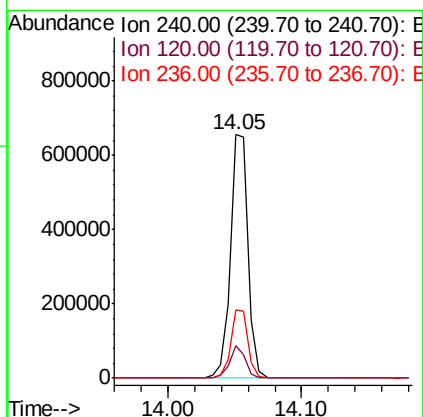
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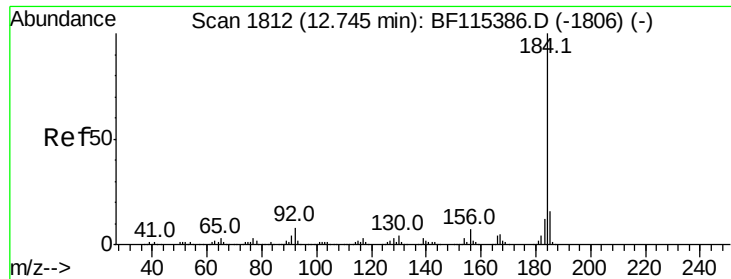
mohammad
7/10/2019 9:04:32 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	609082		
120	13.5	9.1	13.7	
236	27.8	22.5	33.7	





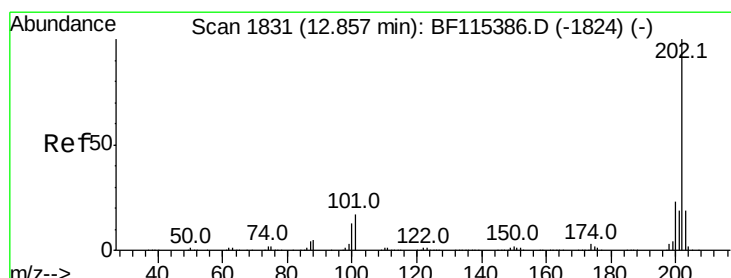
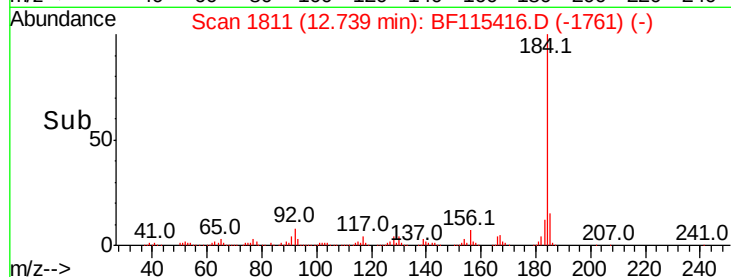
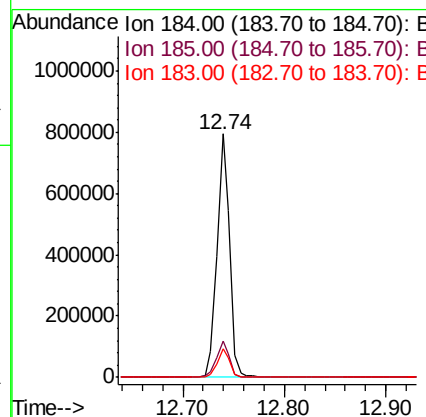
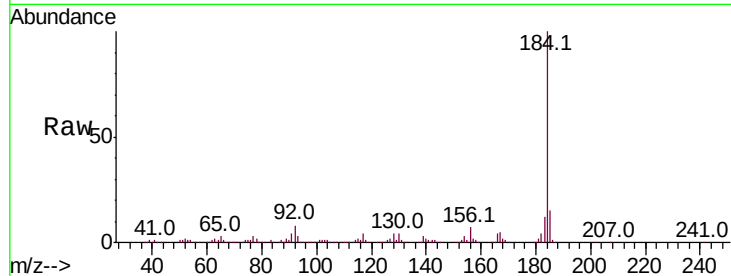
#77
Benzidine
Concen: 28.815 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	11.8	9.4	14.0

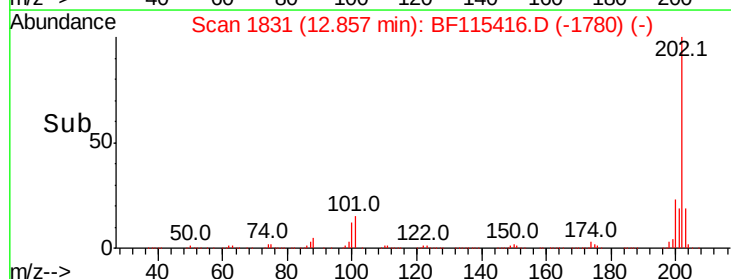
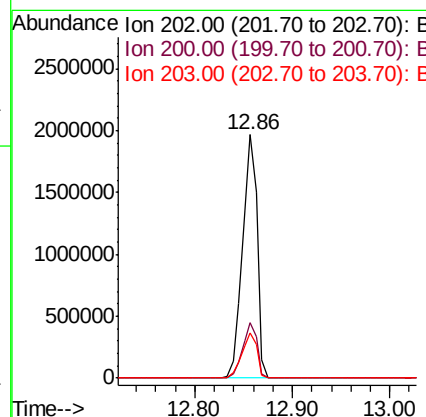
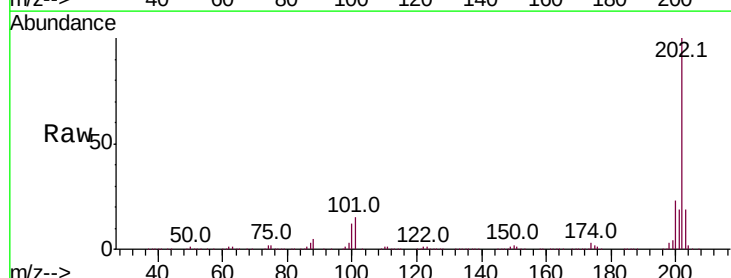
Manual Integrations
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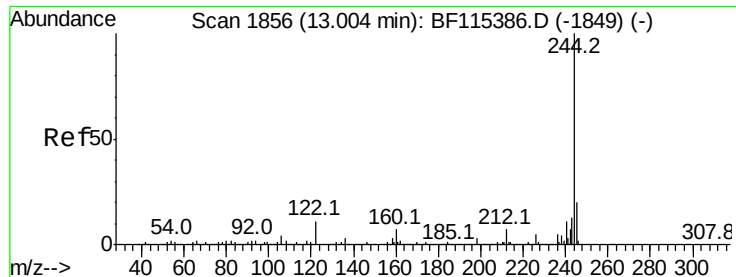
mohammad
7/10/2019 9:04:32 AM



#78
Pyrene
Concen: 42.936 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.4
203	18.5	14.8	22.2





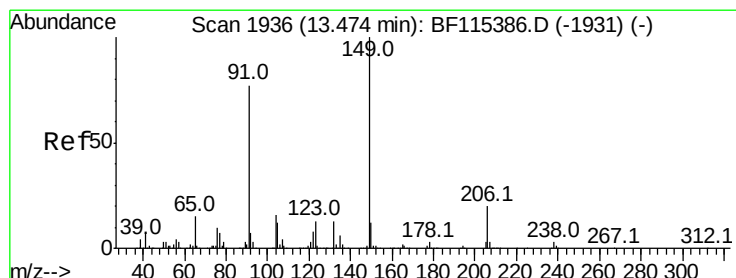
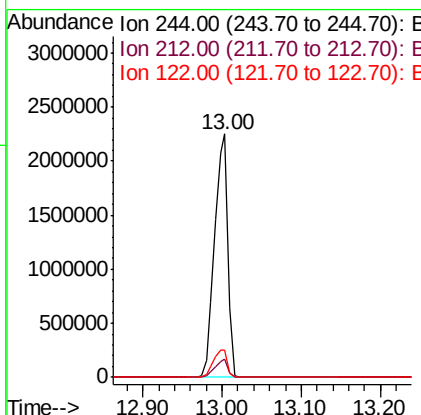
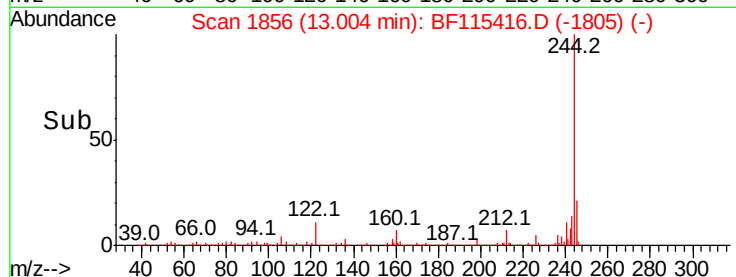
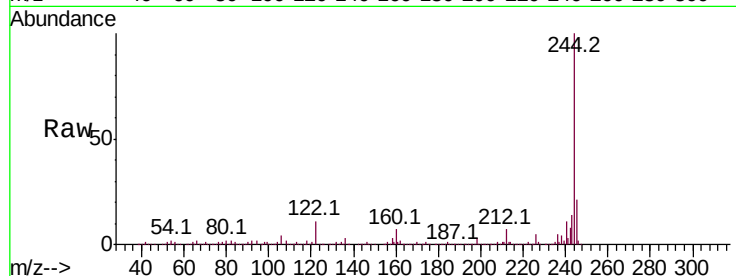
#79
 Terphenyl-d14
 Concen: 87.142 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	11.0	9.1	13.7

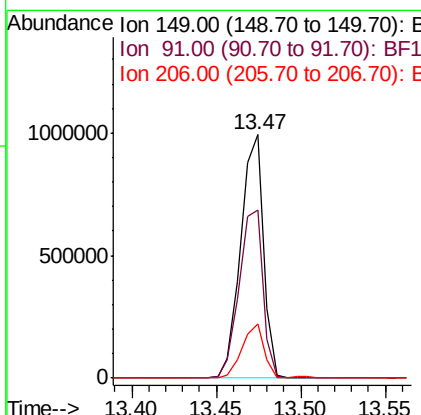
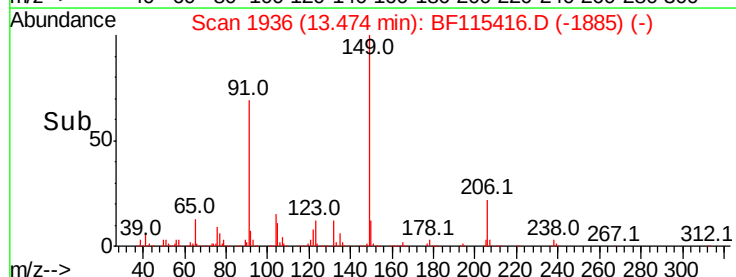
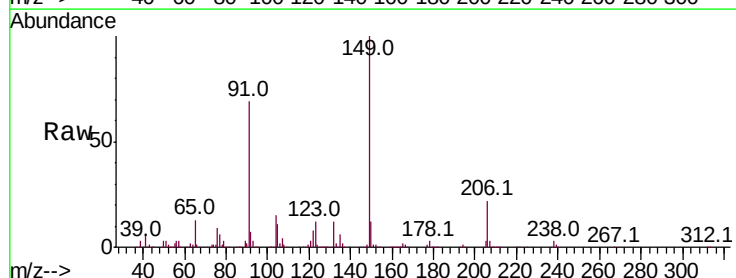
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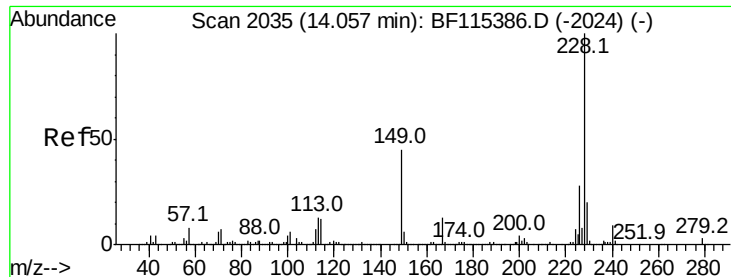
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.335 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	61.4	92.0
206	22.4	16.1	24.1





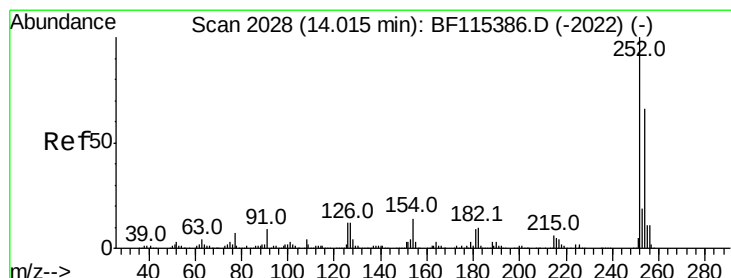
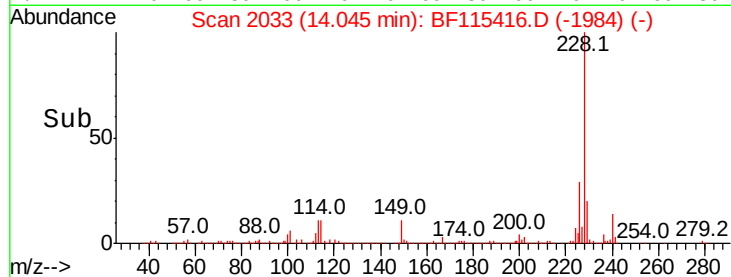
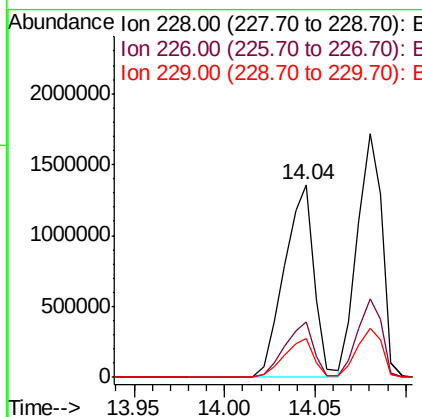
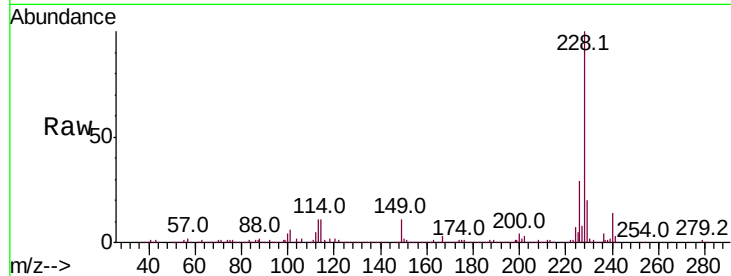
#81
Benzo(a)anthracene
Concen: 40.274 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion:228 Resp: 1571742
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 20.3 16.3 24.5

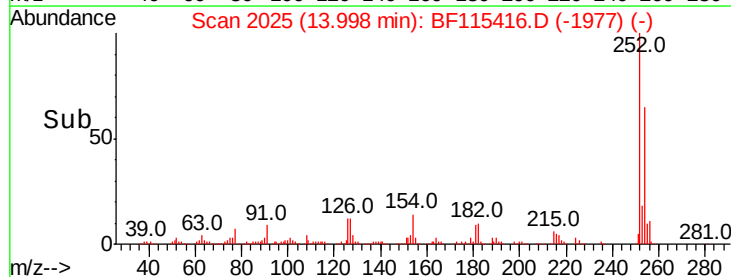
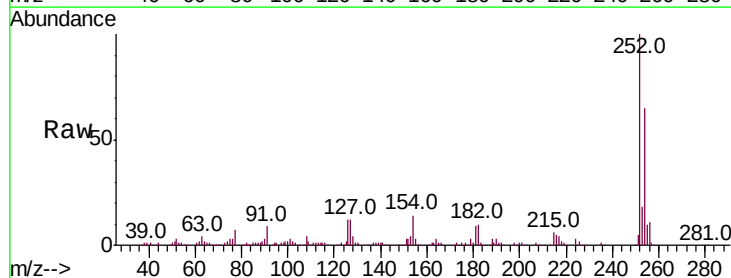
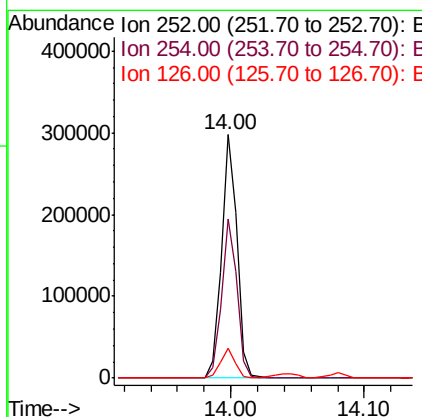
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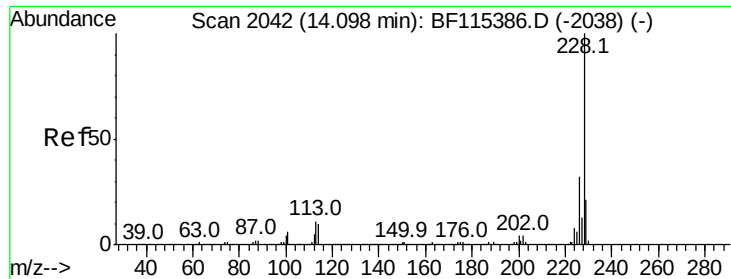
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 17.283 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion:252 Resp: 244736
Ion Ratio Lower Upper
252 100
254 65.4 53.0 79.4
126 12.0 9.8 14.8





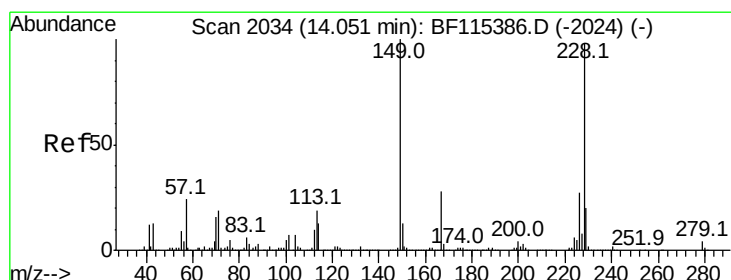
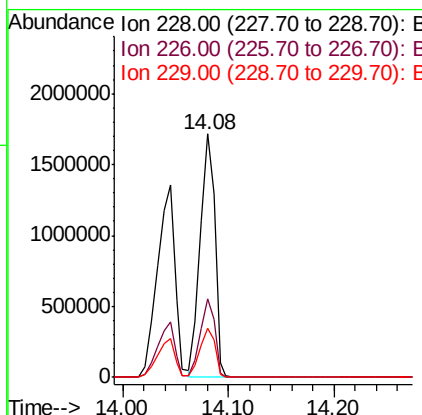
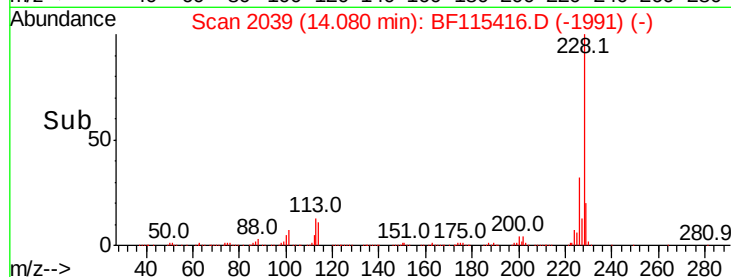
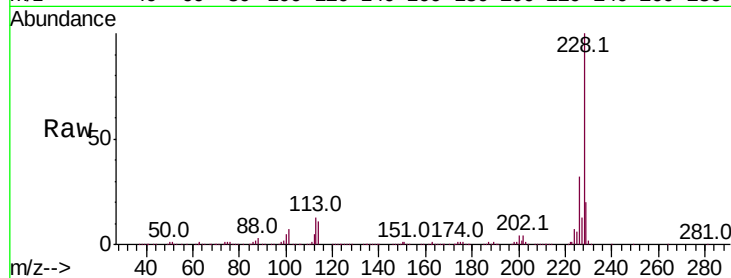
#83
 Chrysene
 Concen: 40.766 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.02 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-070319-AMS

Tot Ion:228 Resp: 1634628
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.7 38.5
 229 20.3 16.6 25.0

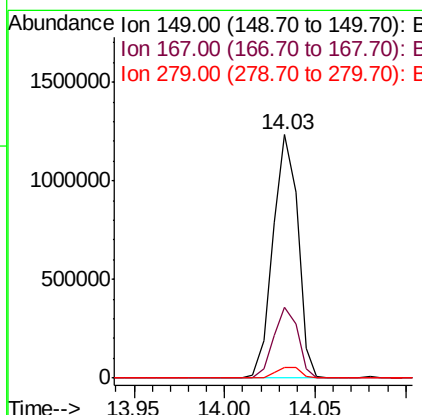
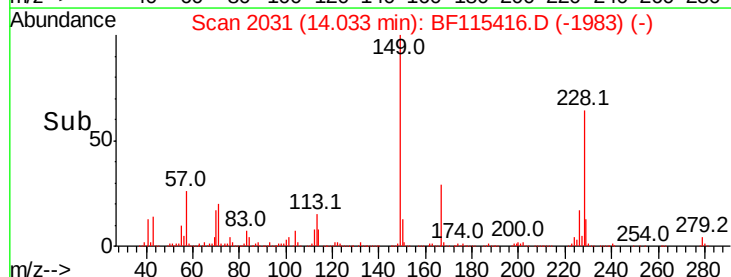
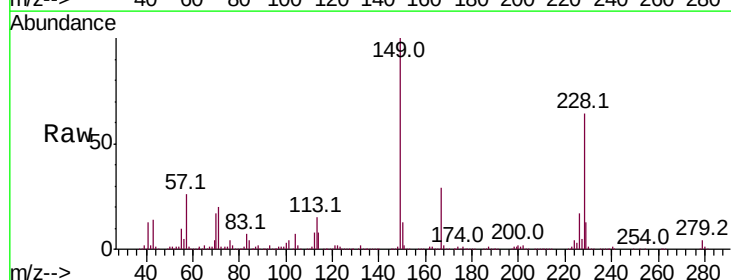
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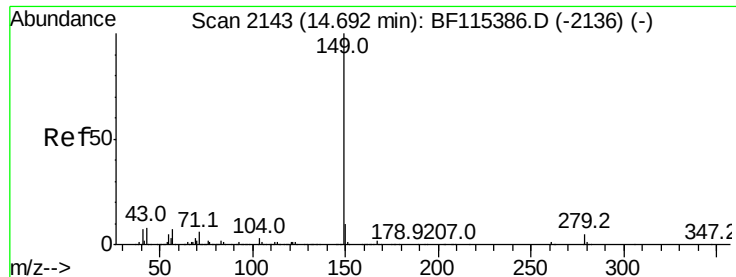
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.913 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115416.D
 Acq: 8 Jul 2019 20:20

Tgt Ion:149 Resp: 1176689
 Ion Ratio Lower Upper
 149 100
 167 28.9 22.3 33.5
 279 4.3 3.4 5.2





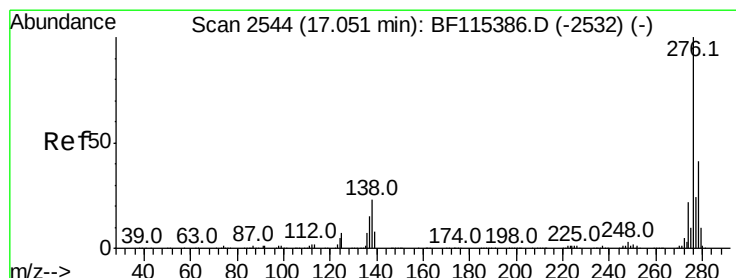
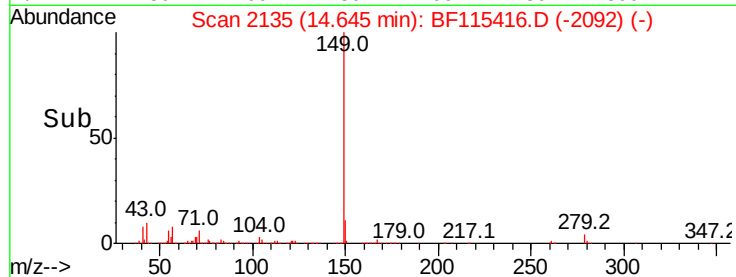
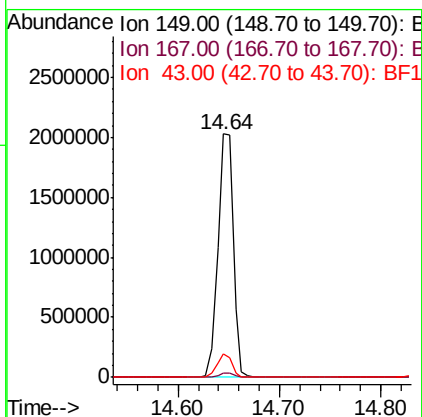
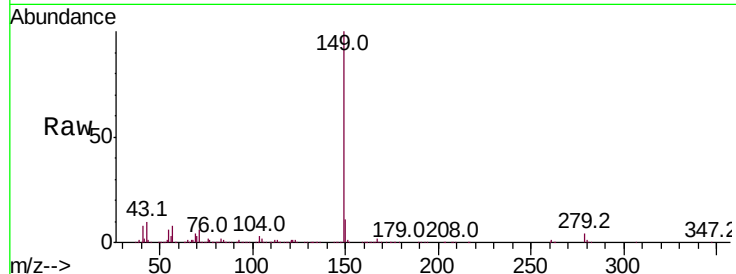
#85
Di-n-octyl phthalate
Concen: 46.727 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.05 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion:149 Resp: 2131874
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.6 11.4

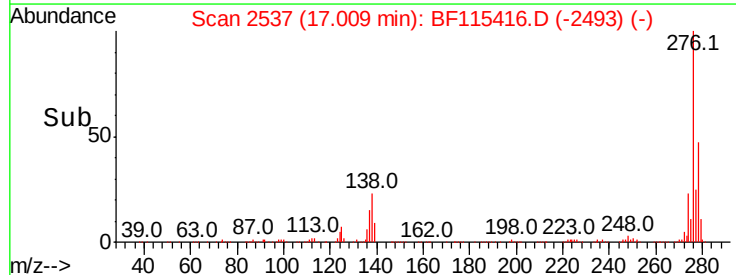
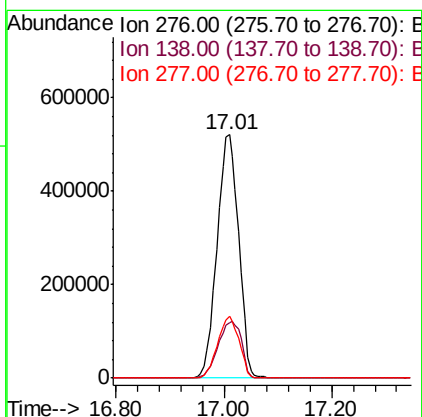
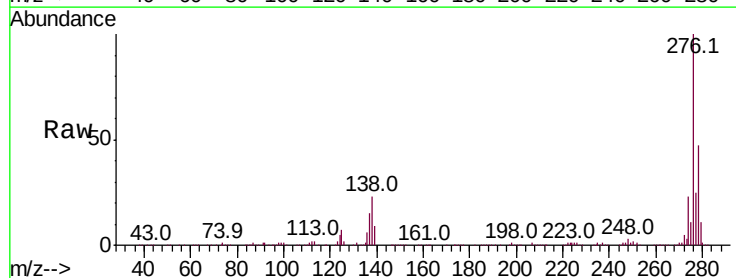
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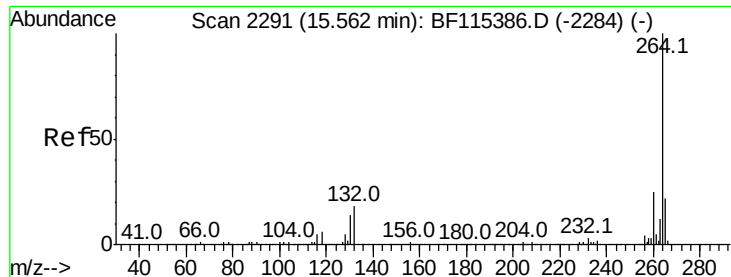
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.748 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.04 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion:276 Resp: 1470675
Ion Ratio Lower Upper
276 100
138 25.3 0.0 0.0#
277 25.3 0.0 0.0#





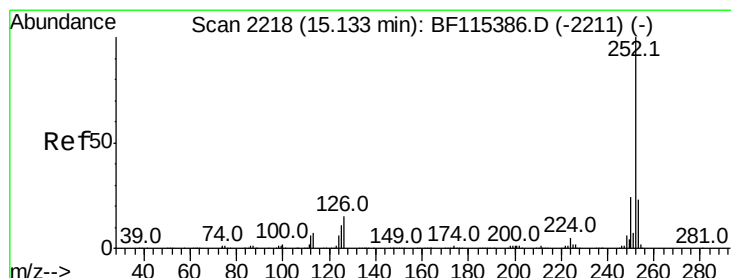
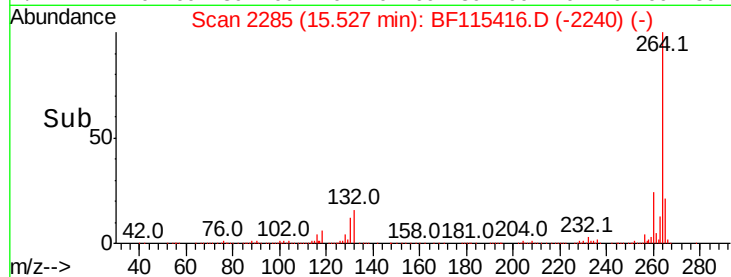
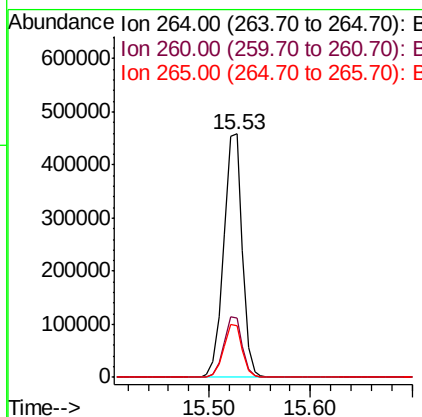
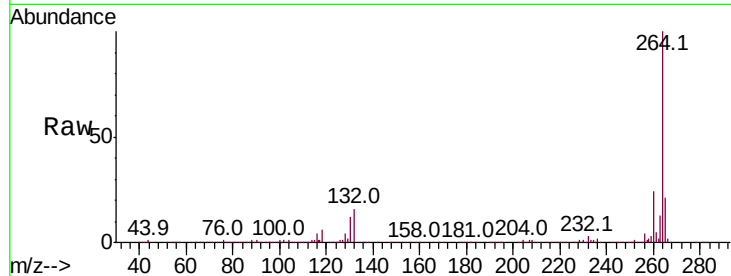
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.04 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.2	17.4	26.2

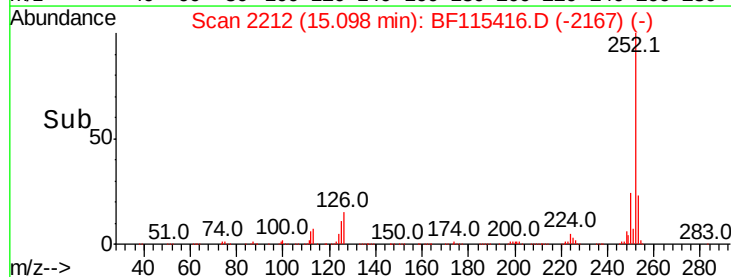
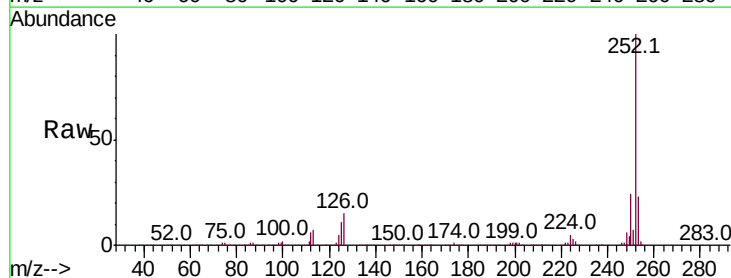
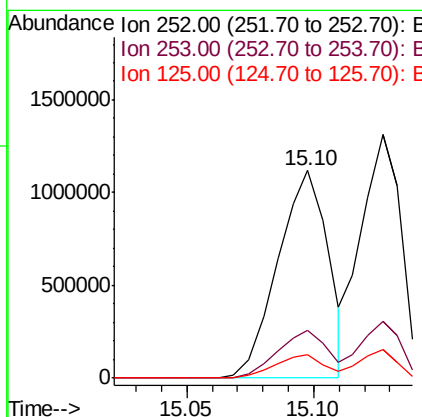
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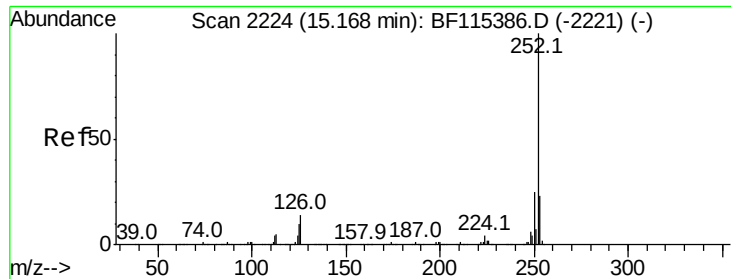
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.900 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.3	9.0	13.6





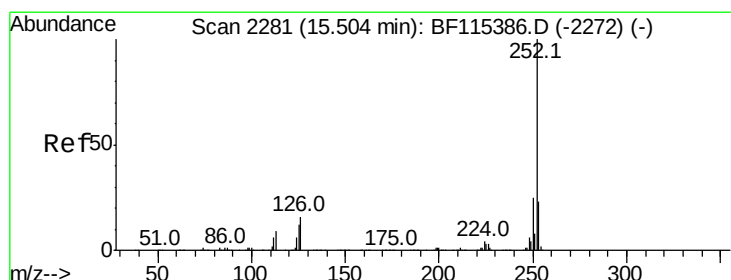
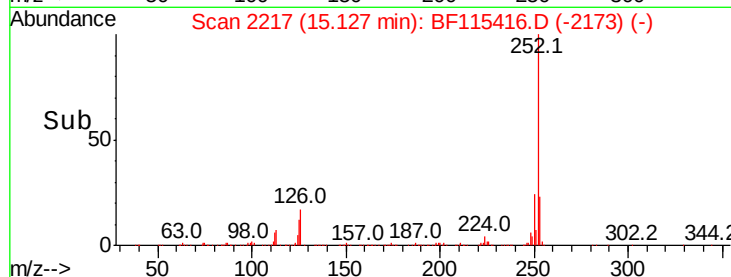
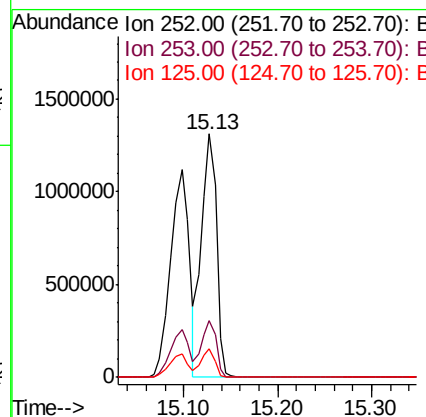
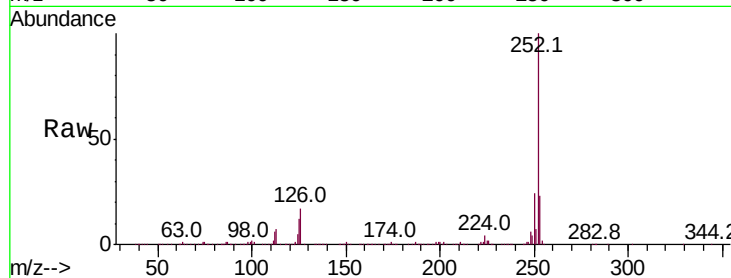
#89
Benzo(k)fluoranthene
Concen: 43.443 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	11.6	8.3	12.5

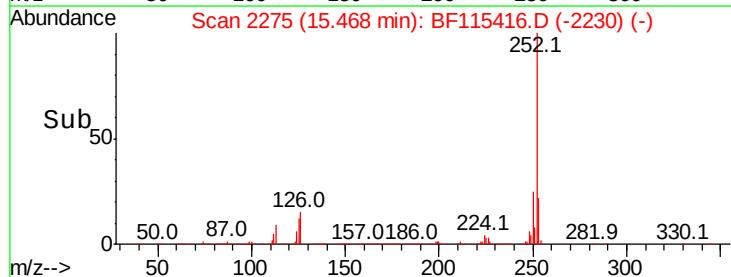
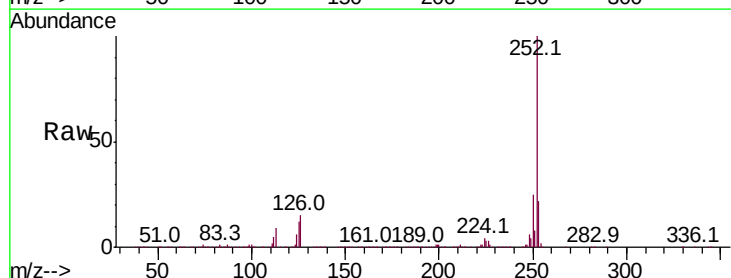
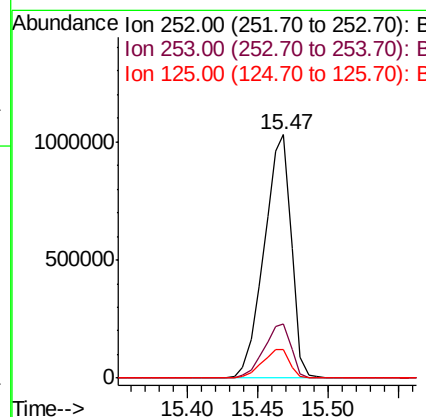
Manual Integrations
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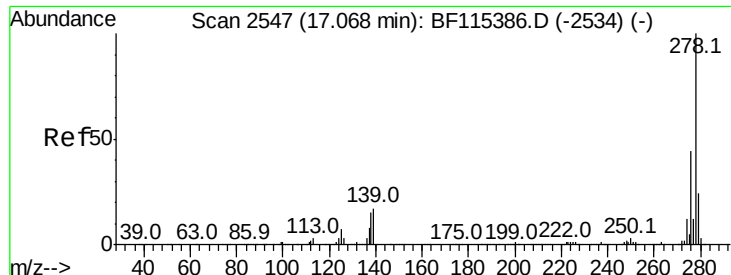
mohammad
7/10/2019 9:04:32 AM



#90
Benzo(a)pyrene
Concen: 42.700 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	11.5	10.0	15.0





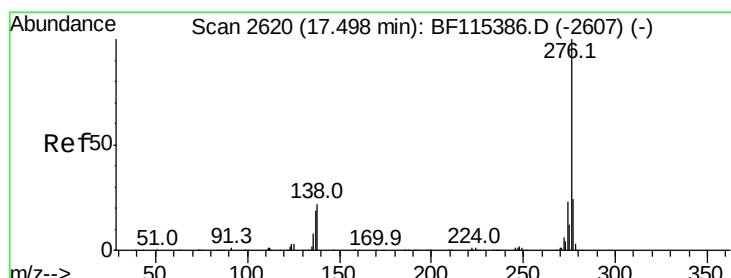
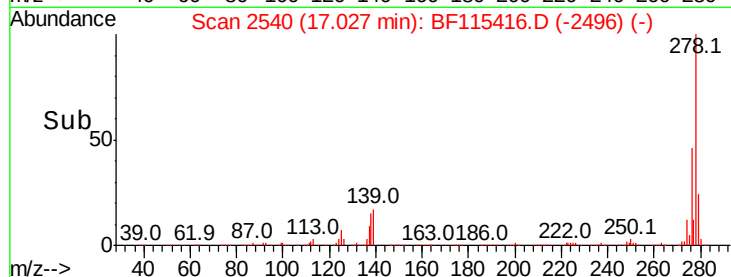
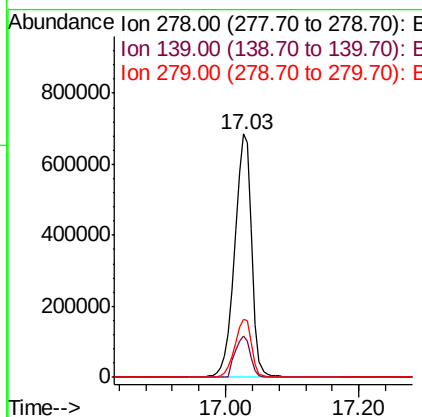
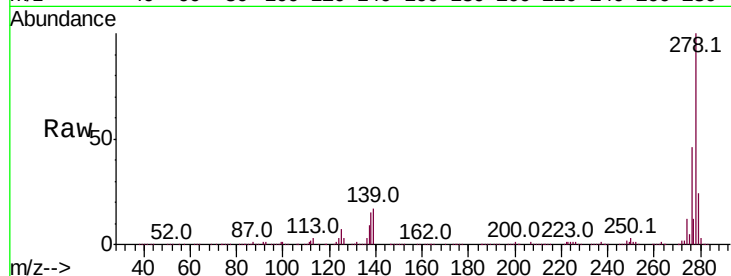
#91
Dibenzo(a,h)anthracene
Concen: 44.191 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.04 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OR-02-070319-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.4	20.2
279	24.1	19.4	29.0

Manual Integrations
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mohammad
7/10/2019 9:04:32 AM



#92
Benzo(g,h,i)perylene
Concen: 45.487 ng
RT: 17.46 min Scan# 2614
Delta R.T. -0.04 min
Lab File: BF115416.D
Acq: 8 Jul 2019 20:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.4	29.2
138	21.0	17.8	26.6

