

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117245.D
 Acq On : 25 Sep 2019 17:31
 Operator : JU
 Sample : K5021-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Manual Integrations
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mohammad
 9/26/2019 3:53:41 PM

Quant Time: Sep 26 03:38:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	41682	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	168661	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	86509	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	131939	20.00	ng	0.00
76) Chrysene-d12	13.98	240	72251	20.00	ng	0.00
87) Perylene-d12	15.44	264	70300	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	341497	127.91	ng	0.02
7) Phenol-d6	6.47	99	470050	136.23	ng	0.01
23) Nitrobenzene-d5	7.39	82	292500	91.12	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	98196	135.81	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	498259	90.06	ng	0.00
79) Terphenyl-d14	12.92	244	395765	102.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	42360	37.917	ng	# 97
3) Pyridine	3.41	79	102455	33.506	ng	94
4) n-Nitrosodimethylamine	3.35	42	52752	50.271	ng	80
6) Aniline	6.49	93	144330	32.490	ng	# 77
8) 2-Chlorophenol	6.61	128	140613	48.821	ng	99
9) Benzaldehyde	6.37	77	94880	59.678	ng	99
10) Phenol	6.48	94	195282	51.340	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	125788	44.995	ng	97
12) 1,3-Dichlorobenzene	6.76	146	144272	44.639	ng	99
13) 1,4-Dichlorobenzene	6.83	146	147987	44.868	ng	99
14) 1,2-Dichlorobenzene	6.99	146	139084	45.292	ng	97
15) Benzyl Alcohol	6.96	79	131279	49.616	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	122476	44.344	ng	74
17) 2-Methylphenol	7.08	107	116673	48.335	ng	# 86
18) Hexachloroethane	7.32	117	57427	45.259	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	105419	50.176	ng	94
20) 3+4-Methylphenols	7.23	107	155822	51.825	ng	# 75
22) Acetophenone	7.23	105	211527	49.363	ng	# 97
24) Nitrobenzene	7.40	77	155755	49.134	ng	97
25) Isophorone	7.64	82	278895	49.070	ng	100
26) 2-Nitrophenol	7.72	139	71820	52.746	ng	96
27) 2,4-Dimethylphenol	7.76	122	122598	56.778	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	167974	47.969	ng	99
29) 2,4-Dichlorophenol	7.96	162	112818	49.864	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	112945	46.207	ng	98
31) Naphthalene	8.12	128	400793	49.410	ng	98
32) Benzoic acid	7.91	122	50795	33.469	ng	91
33) 4-Chloroaniline	8.17	127	59014	16.403	ng	97
34) Hexachlorobutadiene	8.23	225	64256	46.334	ng	97
35) Caprolactam	8.56	113	35034m	45.748	ng	
36) 4-Chloro-3-methylphenol	8.67	107	134139	50.846	ng	94
37) 2-Methylnaphthalene	8.81	142	278287	50.947	ng	98
38) 1-Methylnaphthalene	8.91	142	252679	49.391	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	108859	48.731	ng	99

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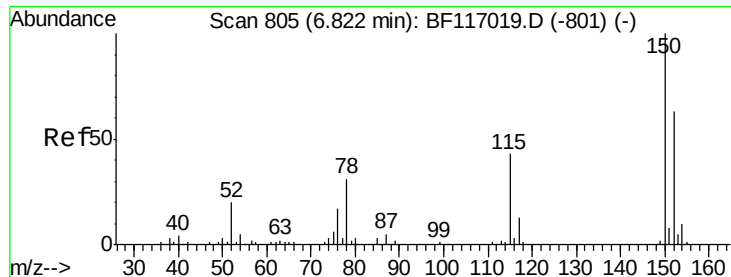
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	72736	74.283	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	72620	47.903	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	76486	47.222	ng	94
46) 1,1'-Biphenyl	9.27	154	330514	48.707	ng	98
47) 2-Chloronaphthalene	9.30	162	255252	47.662	ng	97
48) 2-Nitroaniline	9.40	65	80030	46.590	ng	93
49) Acenaphthylene	9.72	152	398086	49.620	ng	100
50) Dimethylphthalate	9.57	163	361494	59.017	ng	98
51) 2,6-Dinitrotoluene	9.65	165	64317	51.556	ng	99
52) Acenaphthene	9.89	154	231472	48.672	ng	100
53) 3-Nitroaniline	9.81	138	39014	24.787	ng	92
54) 2,4-Dinitrophenol	9.93	184	32671	62.868	ng	99
55) Dibenzofuran	10.06	168	349366	49.790	ng	96
56) 4-Nitrophenol	9.99	139	71348	69.941	ng	92
57) 2,4-Dinitrotoluene	10.05	165	82880	51.181	ng	# 81
58) Fluorene	10.40	166	289487	51.216	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	57332m	46.255	ng	
60) Diethylphthalate	10.27	149	292098	48.471	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	126326	51.656	ng	96
62) 4-Nitroaniline	10.43	138	66194	40.439	ng	92
63) Azobenzene	10.55	77	303315	49.281	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	27936	46.689	ng	94
66) n-Nitrosodiphenylamine	10.51	169	244337	53.622	ng	97
67) 4-Bromophenyl-phenylether	10.88	248	70608	52.403	ng	94
68) Hexachlorobenzene	10.96	284	74584	50.608	ng	98
69) Atrazine	11.04	200	62975	61.258	ng	99
70) Pentachlorophenol	11.16	266	64106	92.798	ng	99
71) Phenanthrene	11.36	178	381720	50.936	ng	99
72) Anthracene	11.42	178	393600	51.445	ng	99
73) Carbazole	11.57	167	331019	45.581	ng	99
74) Di-n-butylphthalate	11.89	149	439684	50.886	ng	99
75) Fluoranthene	12.55	202	370847	48.161	ng	99
77) Benzidine	12.67	184	119979	51.551	ng	97
78) Pyrene	12.78	202	357418	58.957	ng	99
80) Butylbenzylphthalate	13.39	149	152409	53.205	ng	94
81) Benzo(a)anthracene	13.97	228	247644	51.302	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	55849	35.903	ng	98
83) Chrysene	14.01	228	238547	50.668	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	213622	57.838	ng	98
85) Di-n-octyl phthalate	14.56	149	335974	57.794	ng	100
86) Indeno(1,2,3-cd)pyrene	16.91	276	215602	62.770	ng	98
88) Benzo(b)fluoranthene	15.02	252	210883	49.523	ng	99
89) Benzo(k)fluoranthene	15.05	252	196608	48.740	ng	98
90) Benzo(a)pyrene	15.38	252	197650	52.893	ng	97
91) Dibenzo(a,h)anthracene	16.91	278	181410	60.941	ng	99
92) Benzo(g,h,i)perylene	17.34	276	175265	59.084	ng	96

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



#1

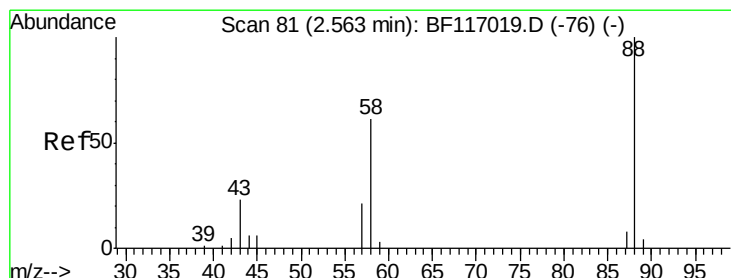
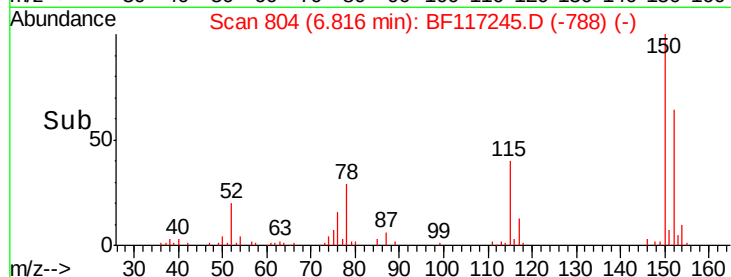
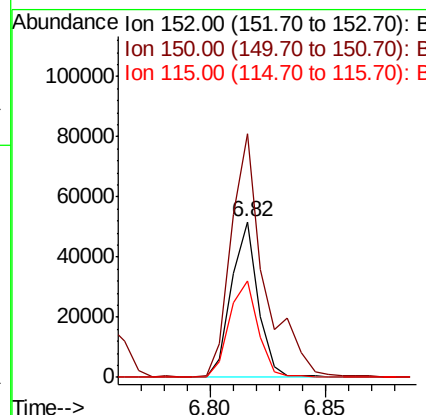
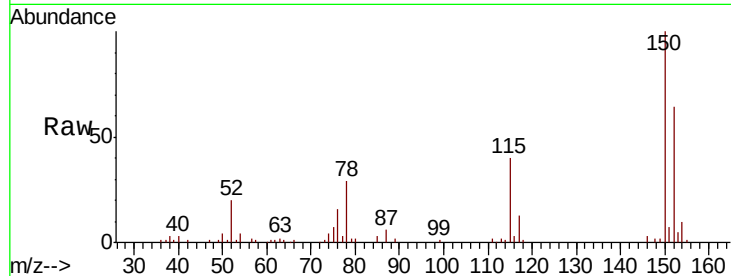
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.5	191.3
115	62.1	55.0	82.4

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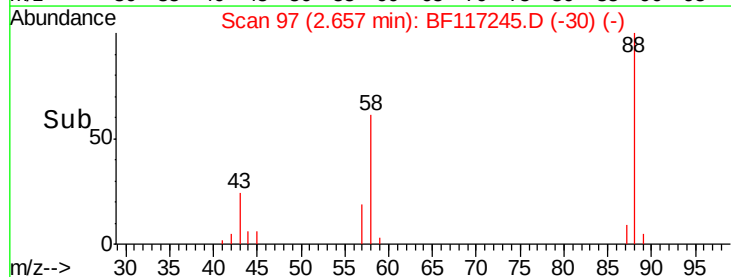
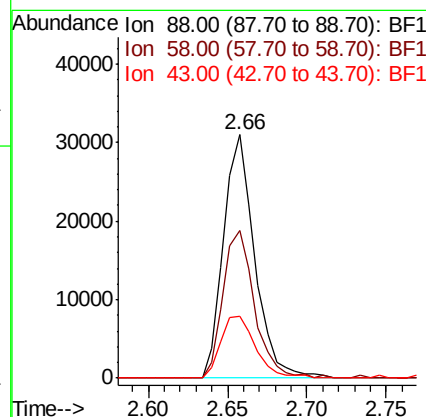
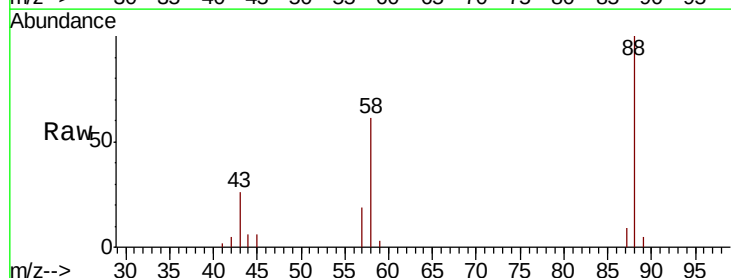
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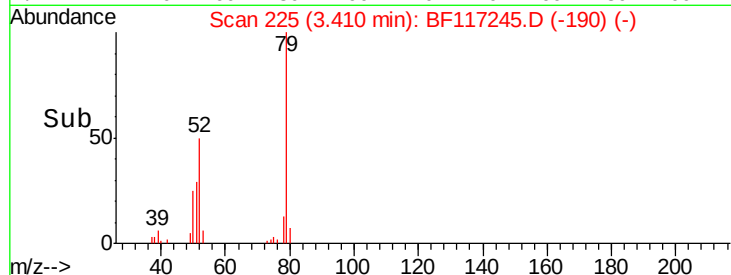
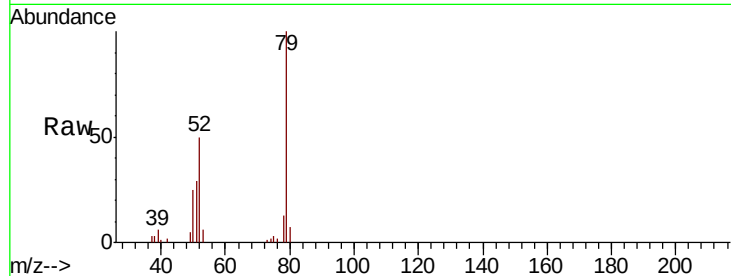
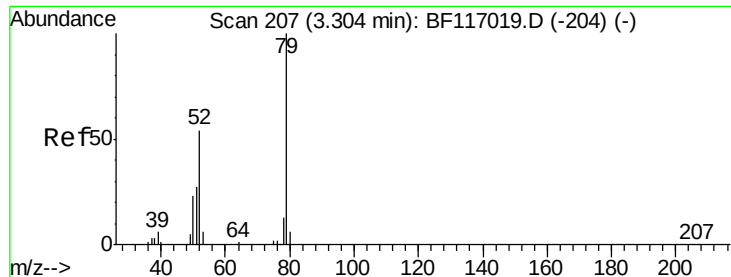


#2

1,4-Dioxane
Concen: 37.917 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.09 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.3	49.3	73.9
43	28.8	18.8	28.2





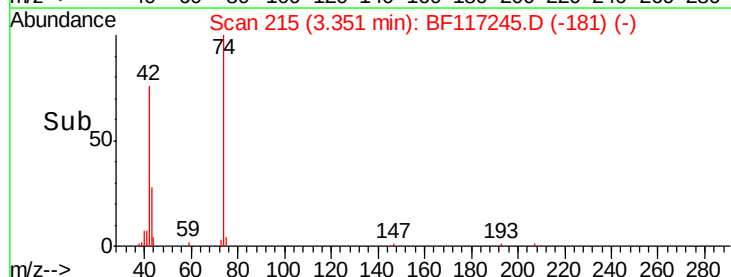
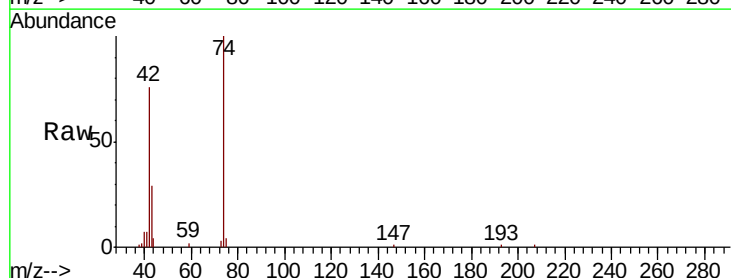
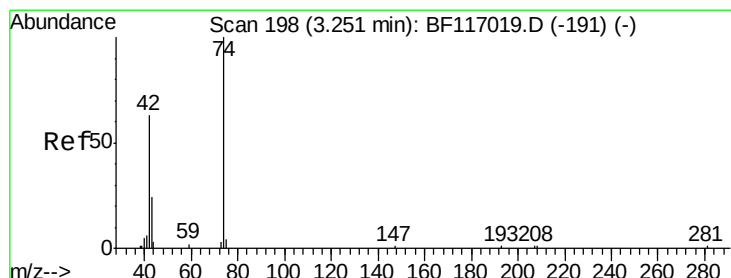
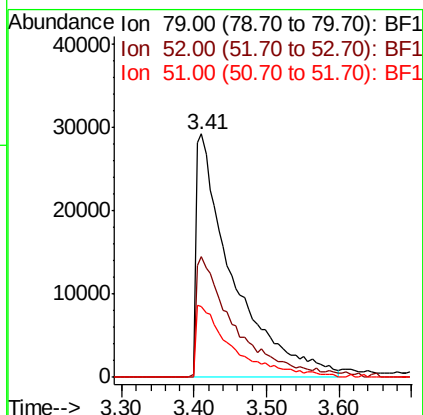
#3
 Pvridine
 Concen: 33.506 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.11 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		102455		
52	49.5	43.5	65.3		
51	28.9	21.8	32.6		

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

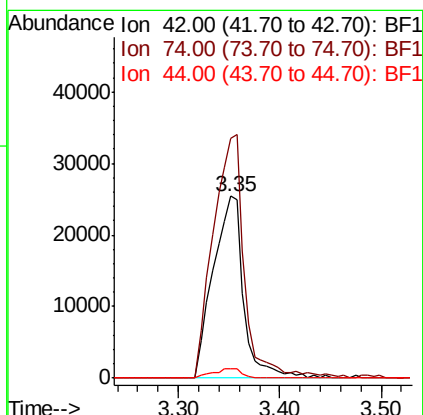
Manual Integrations
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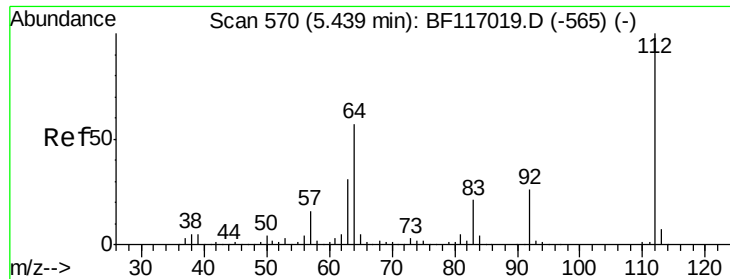
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#4
 n-Nitrosodimethylamine
 Concen: 50.271 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.10 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		52752		
74	131.9	127.1	190.7		
44	5.0	4.3	6.5		





#5

2-Fluorophenol

Concen: 127.912 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Instrument :

BNA_F

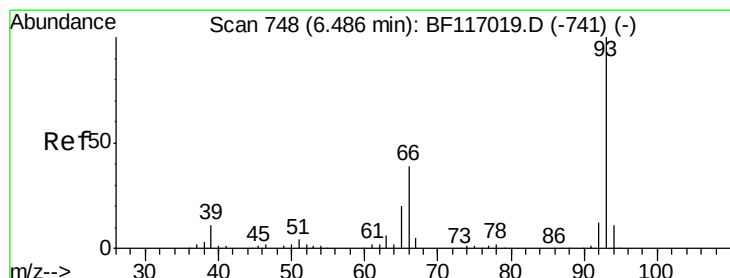
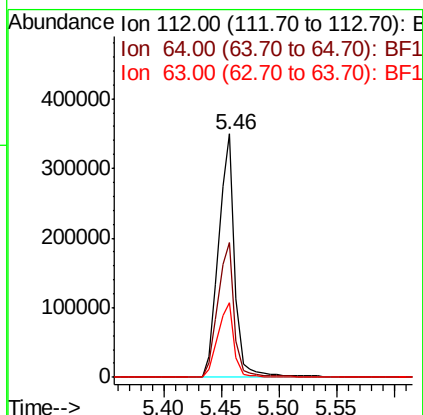
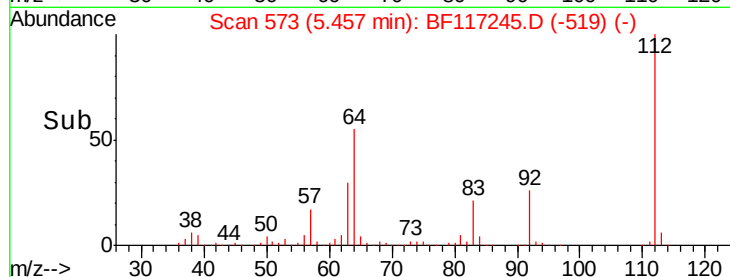
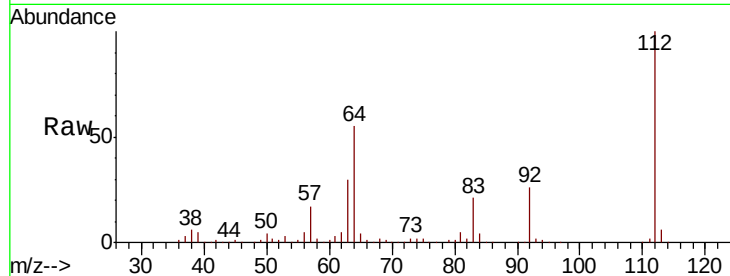
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion:	112	Resp:	341497
Ion Ratio	Lower	Upper	
112	100		
64	55.3	45.7	68.5
63	30.5	24.9	37.3

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#6

Aniline

Concen: 32.490 ng

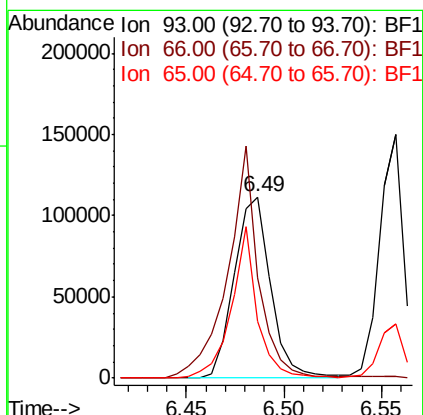
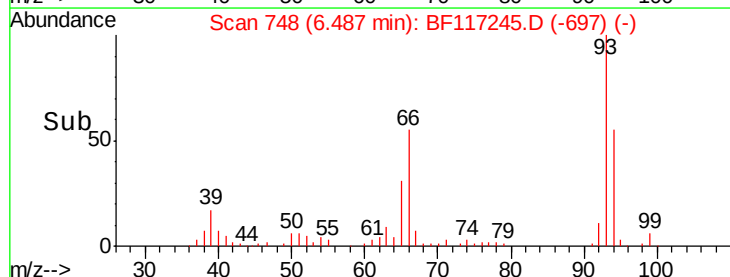
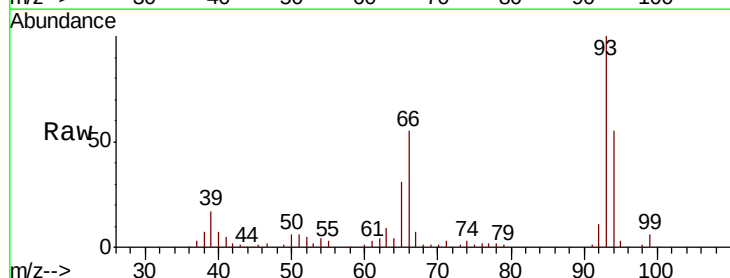
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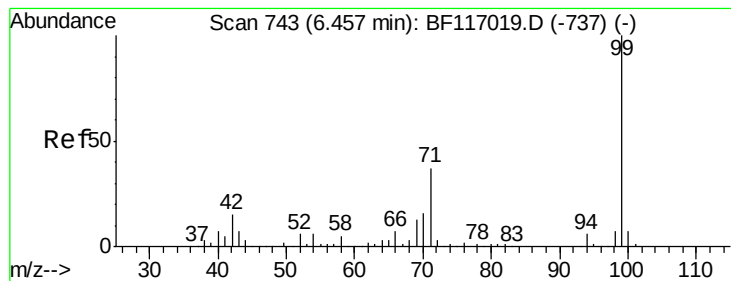
Delta R.T. 0.00 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Tgt Ion:	93	Resp:	144330
Ion Ratio	Lower	Upper	
93	100		
66	55.1	32.6	49.0#
65	31.3	16.7	25.1#





#7

Phenol-d6

Concen: 136.233 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Instrument :

BNA_F

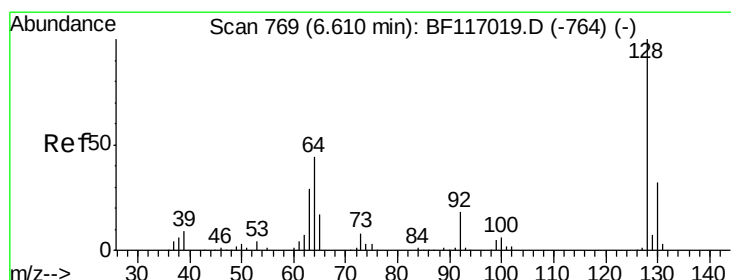
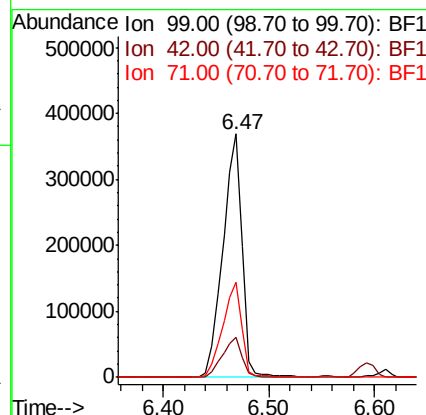
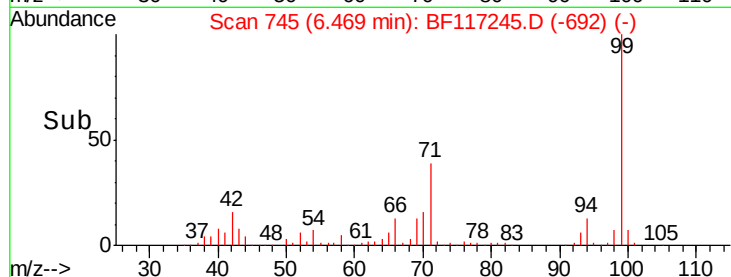
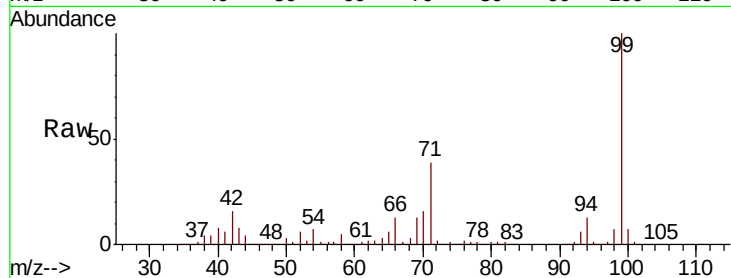
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		470050		
42	16.3	12.2	18.2		
71	38.8	29.8	44.8		

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#8

2-Chlorophenol

Concen: 48.821 ng

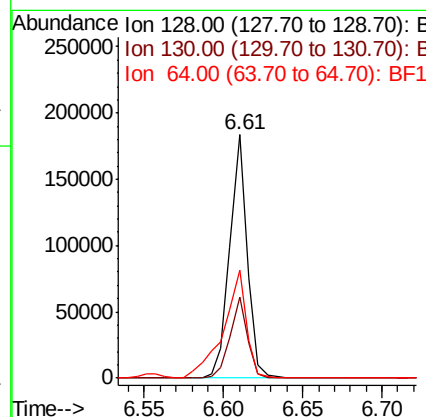
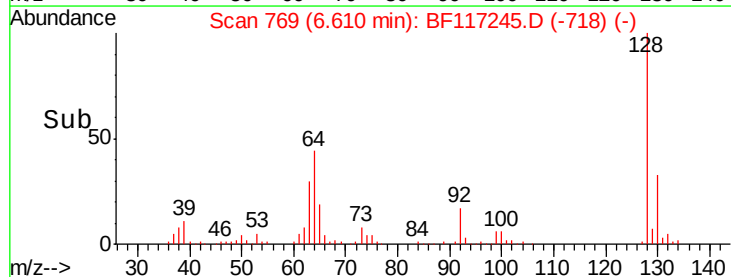
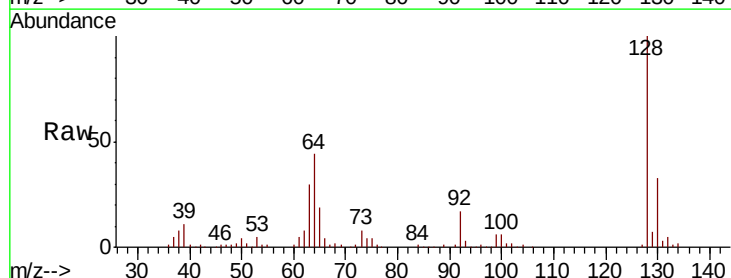
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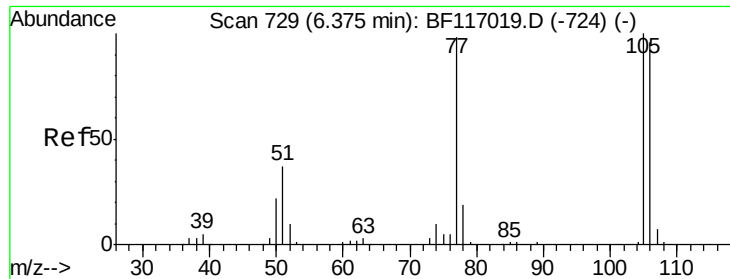
Delta R.T. 0.00 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		140613		
130	33.1	11.8	51.8		
64	44.5	25.0	65.0		





#9

Benzaldehyde

Concen: 59.678 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Instrument :

BNA_F

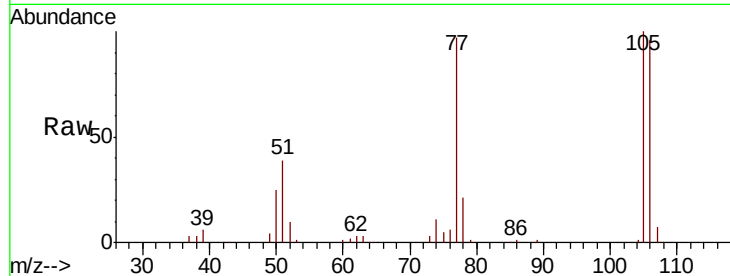
ClientSampleId :

RT-1488-RBR200031-RBR200036M

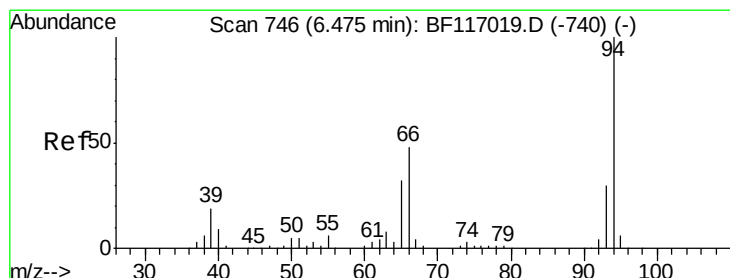
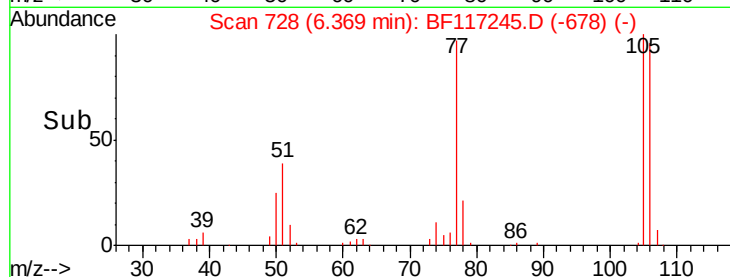
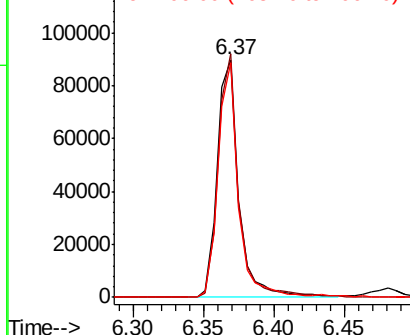
Tot Ion:	77	Resp:	94880
Ion	Ratio	Lower	Upper
77	100		
105	102.6	81.8	121.8
106	98.6	77.3	117.3

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: 51.340 ng

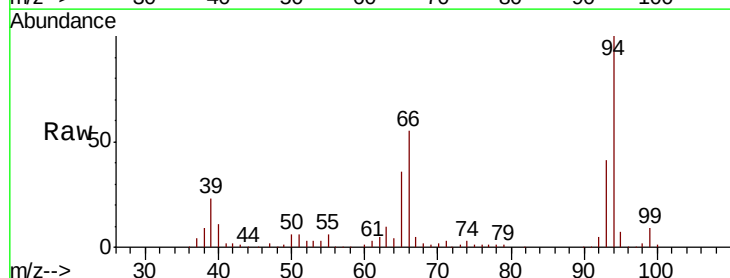
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

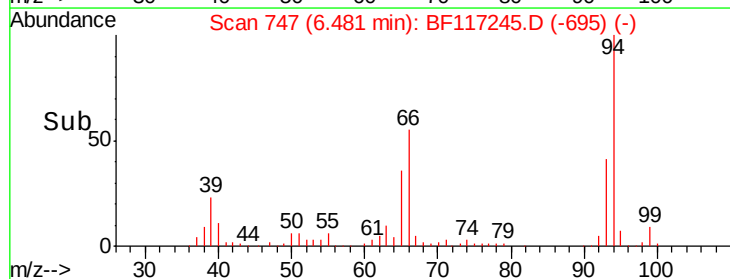
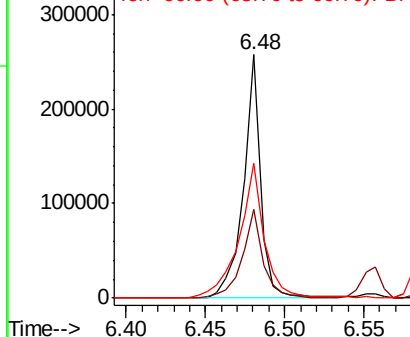
Lab File: BF117245.D

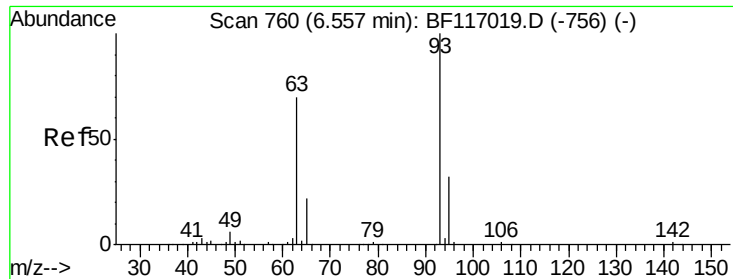
Acq: 25 Sep 2019 17:31

Tgt Ion:	94	Resp:	195282
Ion	Ratio	Lower	Upper
94	100		
65	36.2	12.5	52.5
66	55.3	28.9	68.9



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





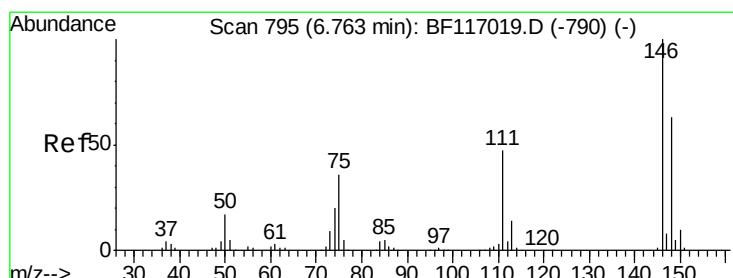
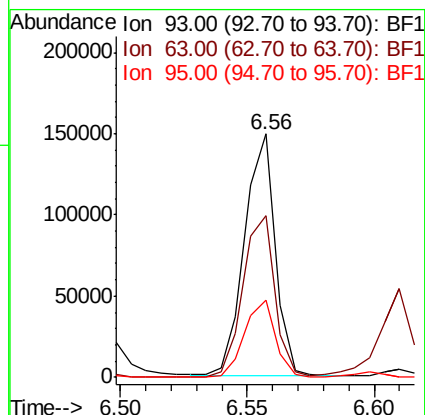
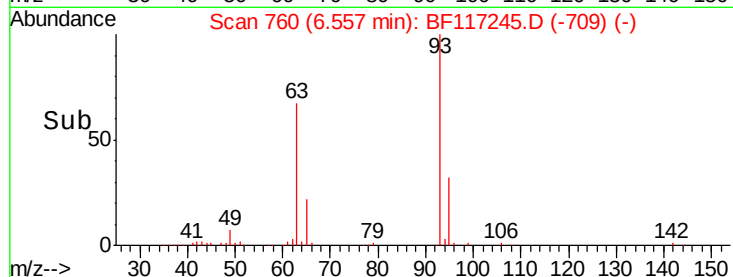
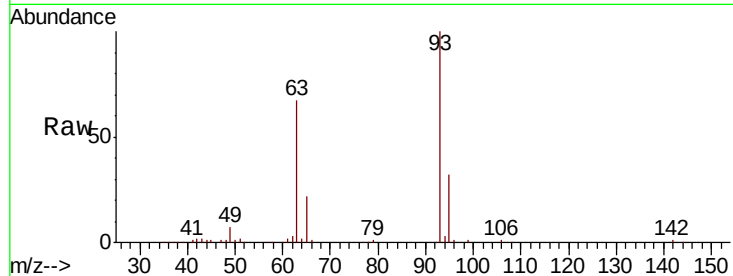
#11
bis(2-Chloroethyl)ether
Concen: 44.995 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion:	93	Resp:	125788
Ion Ratio	Lower	Upper	
93	100		
63	66.6	49.3	89.3
95	31.9	11.5	51.5

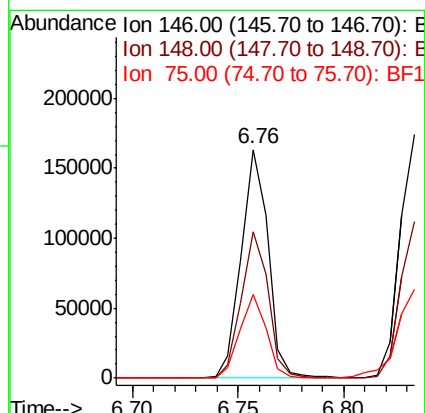
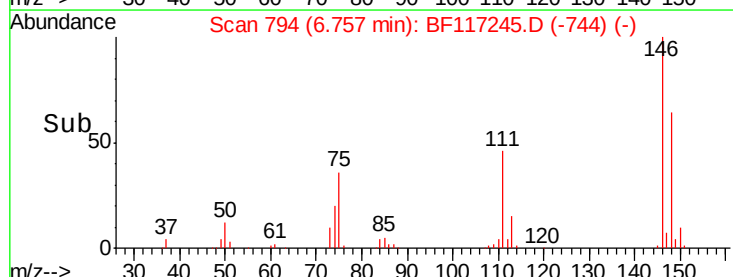
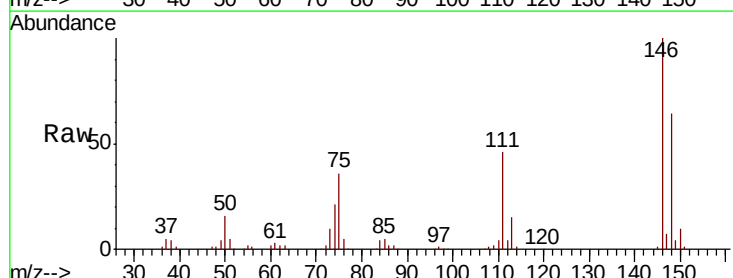
Manual Integrations
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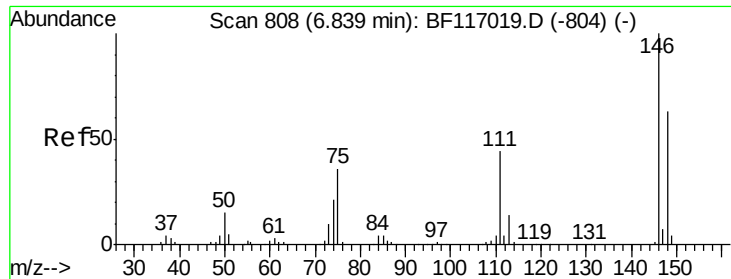
mohammad
9/26/2019 3:53:41 PM



#12
1,3-Dichlorobenzene
Concen: 44.639 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion:	146	Resp:	144272
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
75	36.3	28.7	43.1





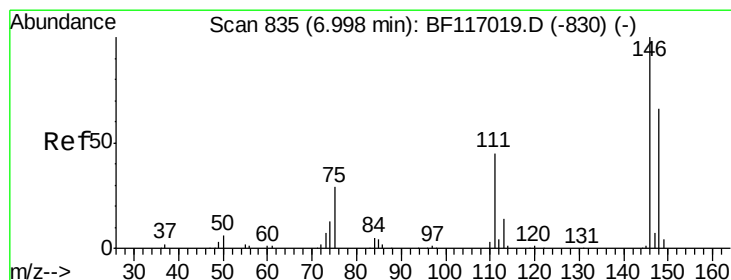
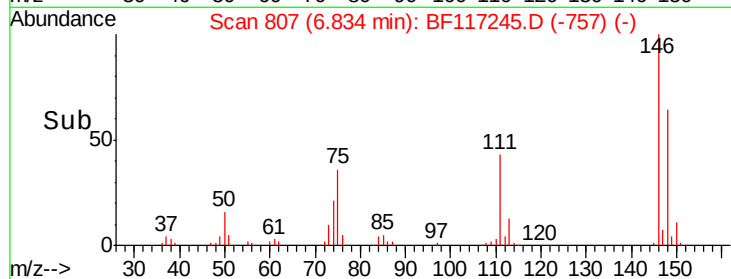
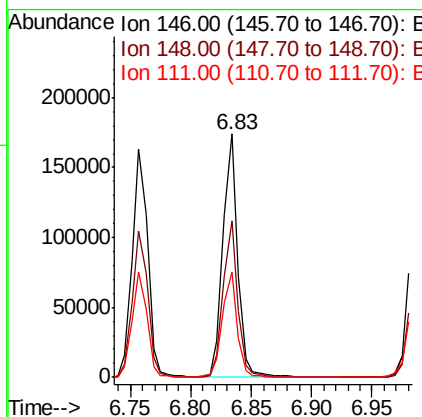
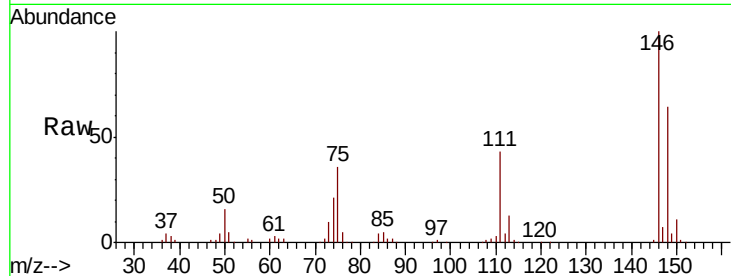
#13
 1,4-Dichlorobenzene
 Concen: 44.868 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	76.0
111	43.5	35.0	52.6

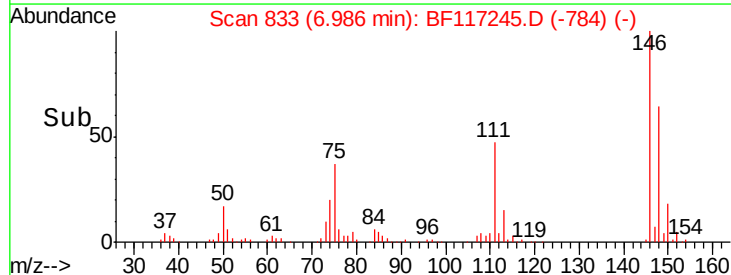
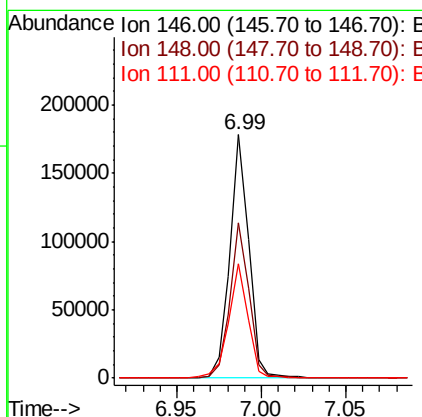
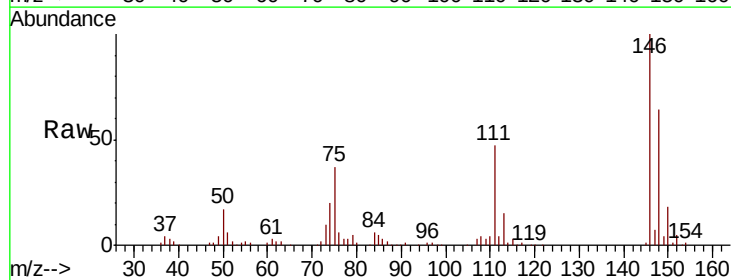
Manual Integrations
 APPROVED

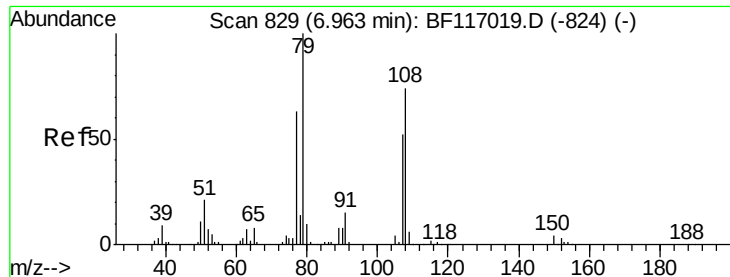
mohammad
 9/26/2019 3:53:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.292 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.6	78.8
111	46.9	36.2	54.2





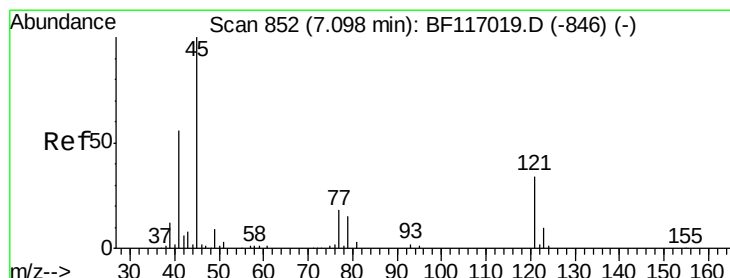
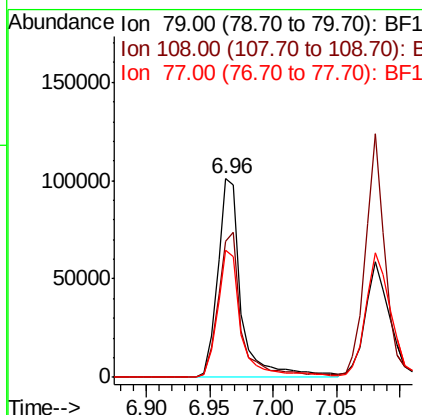
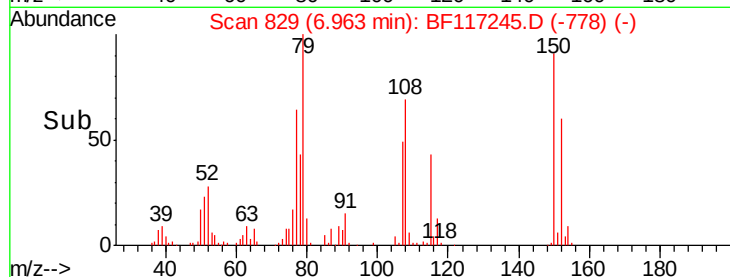
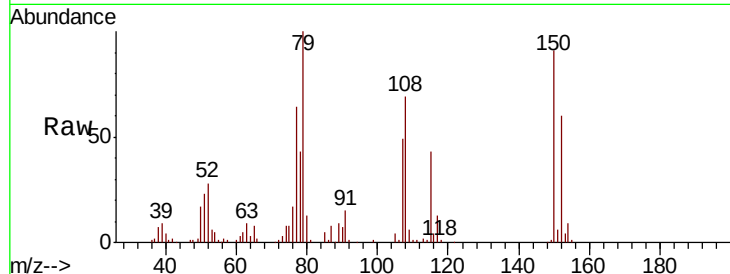
#15
Benzyl Alcohol
Concen: 49.616 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.6	59.4	89.0
77	63.7	50.2	75.2

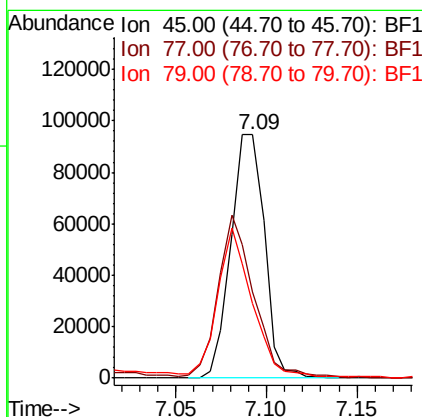
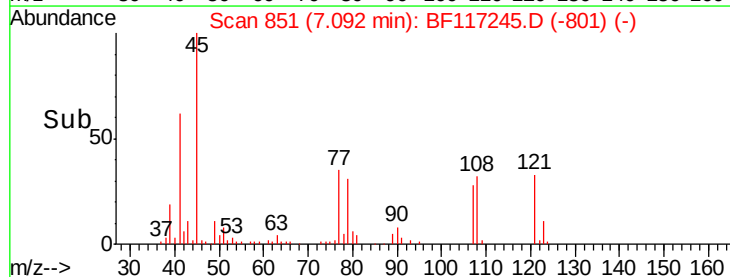
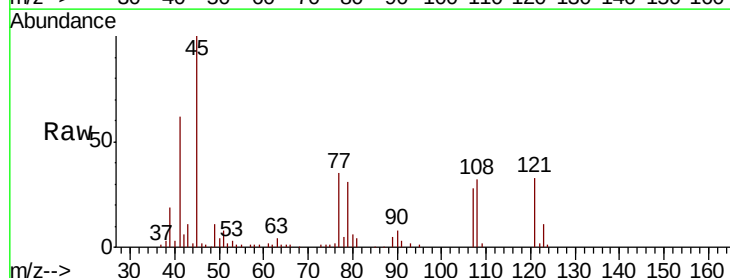
Manual Integrations
APPROVED

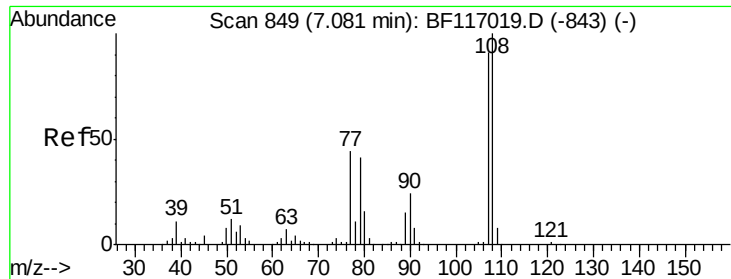
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.344 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.3	2.7	42.7
79	30.7	0.0	38.9





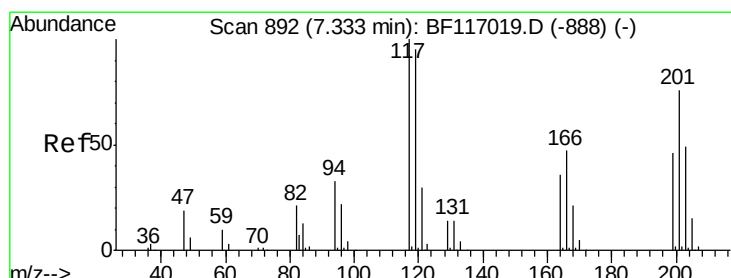
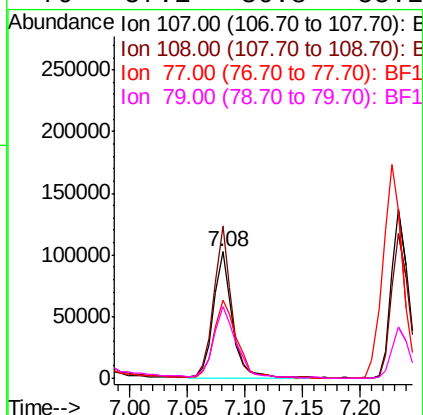
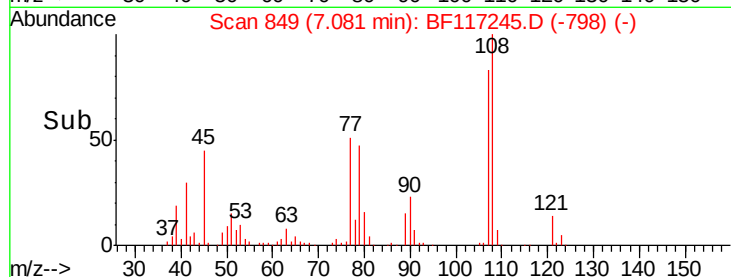
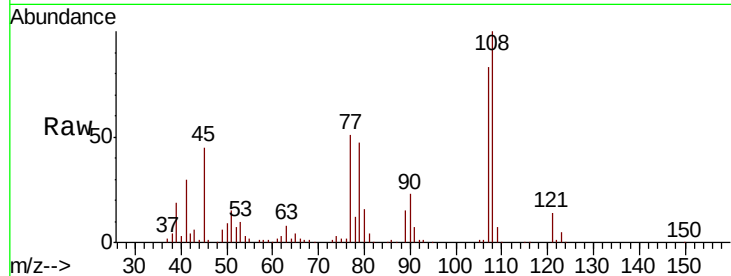
#17
2-Methylphenol
Concen: 48.335 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	120.6	87.7	131.5	
77	61.6	38.6	58.0	
79	57.1	36.8	55.2	

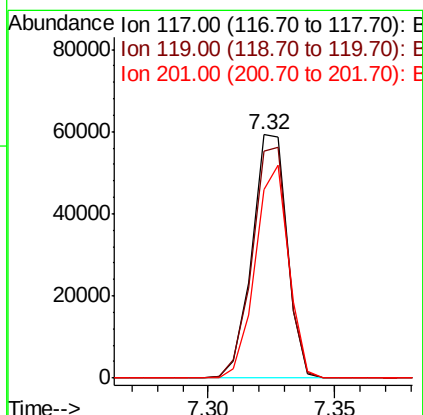
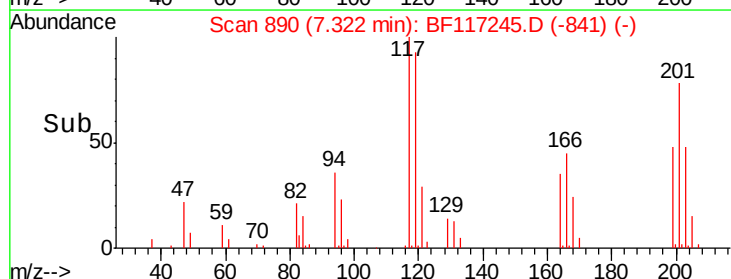
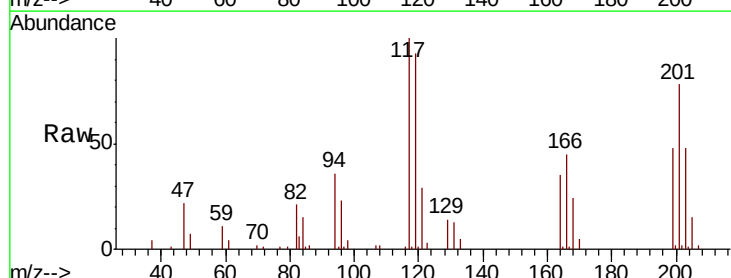
Manual Integrations
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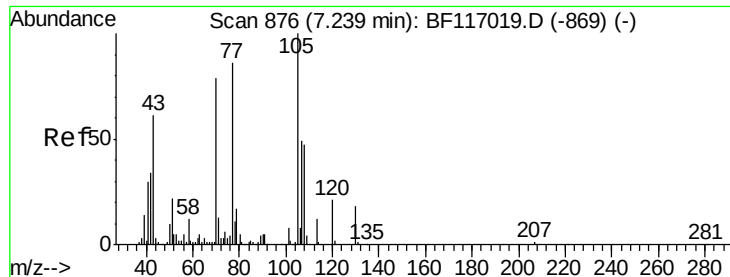
mohammad
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#18
Hexachloroethane
Concen: 45.259 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	75.8	113.8	
201	77.7	60.9	91.3	





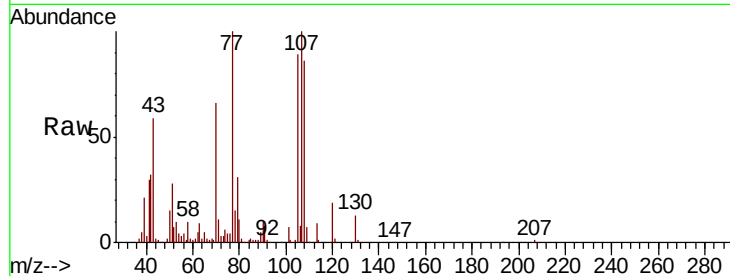
#19
n-Nitroso-di-n-propylamine
Concen: 50.176 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

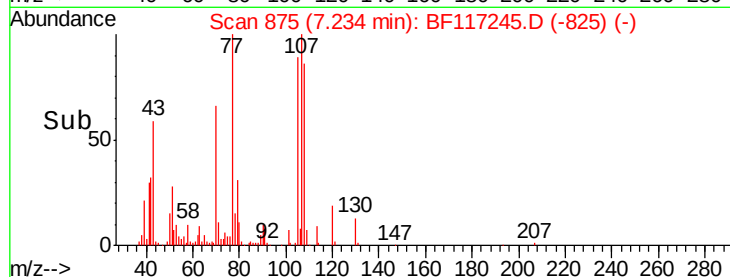
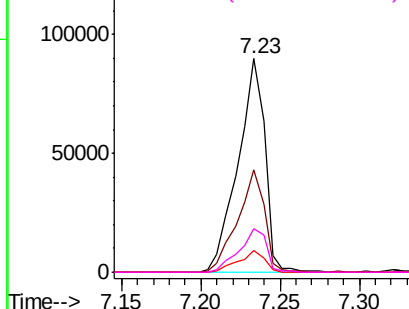
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.0	34.0	51.0
101	10.1	7.8	11.6
130	20.4	17.8	26.8

Manual Integrations
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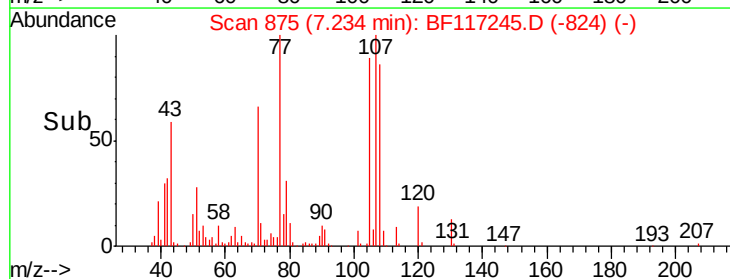
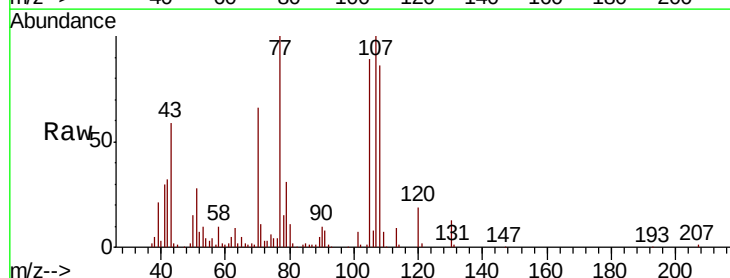
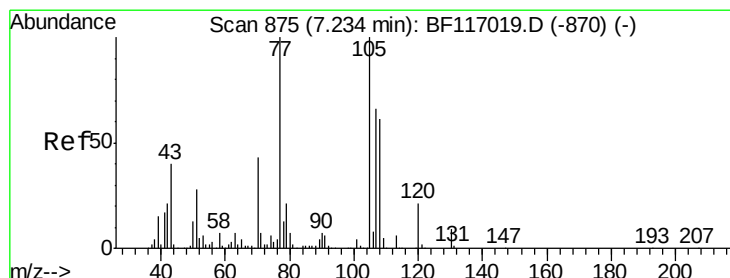
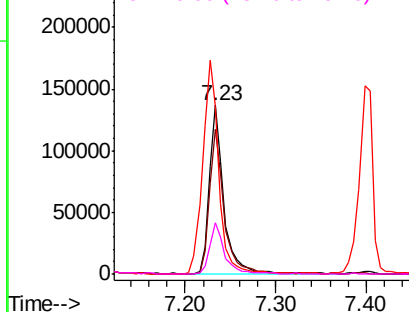
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

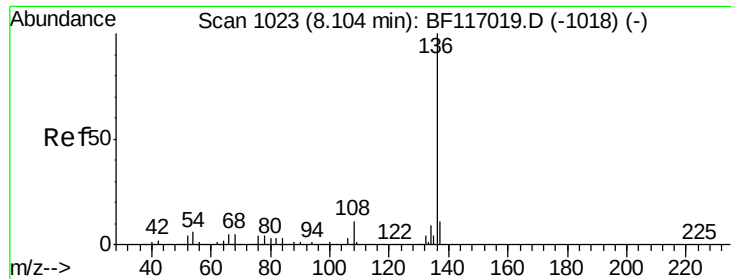


#20
3+4-Methylphenols
Concen: 51.825 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	72.6	112.6
77	99.5	132.1	172.1#
79	30.7	12.1	52.1

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





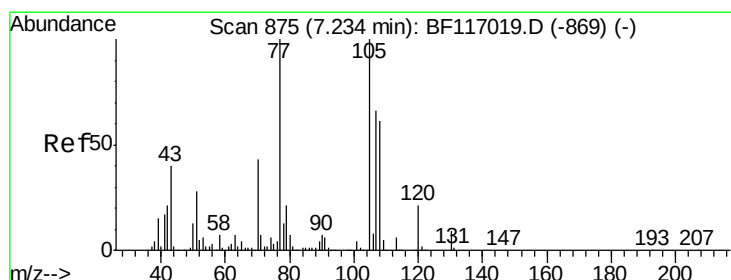
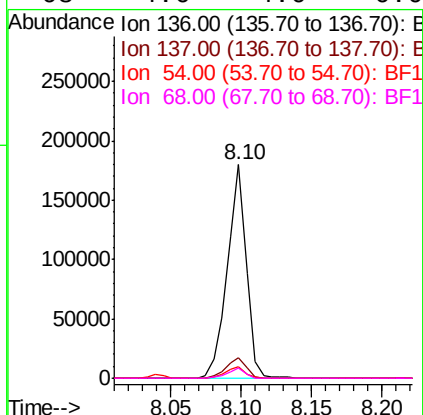
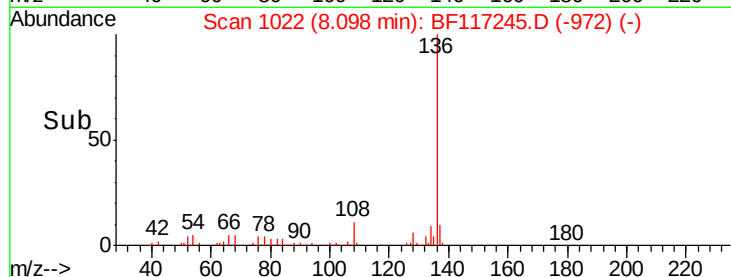
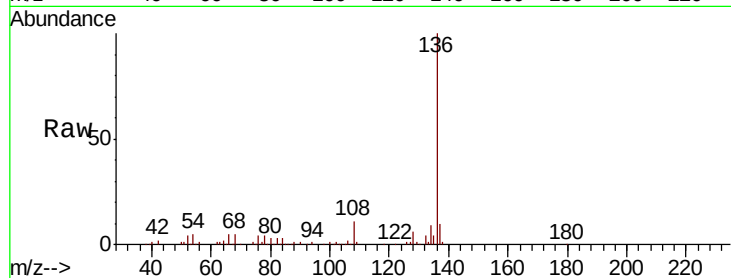
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		168661		
137	9.8		9.0	13.4	
54	5.4		4.5	6.7	
68	4.6		4.0	6.0	

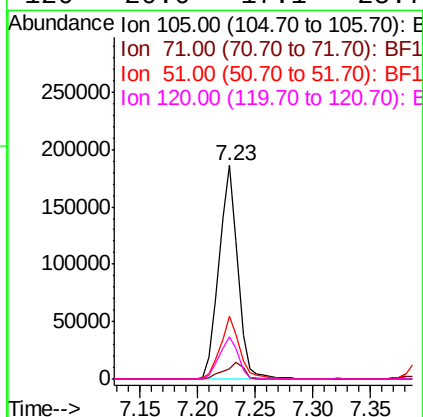
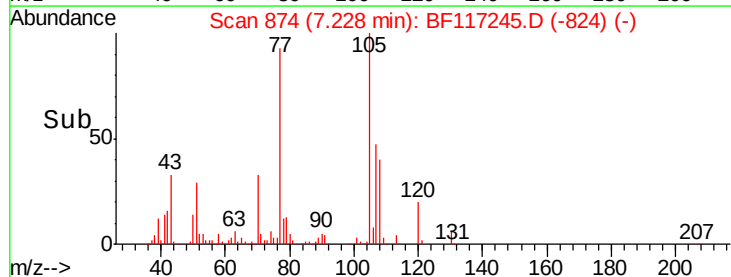
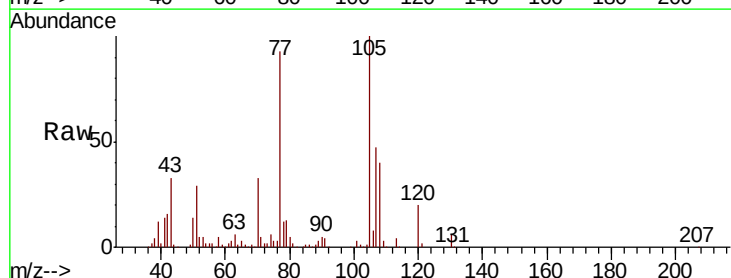
Manual Integrations
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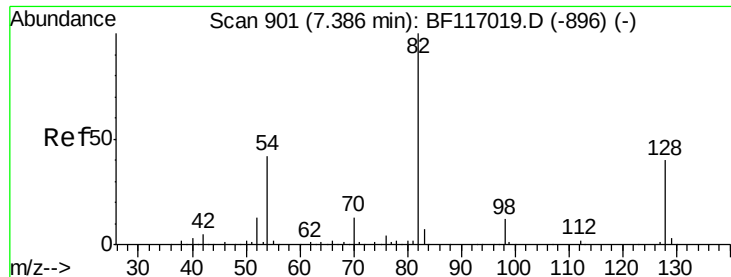
mohammad
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#22
Acetophenone
Concen: 49.363 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		211527		
71	5.1		5.7	8.5#	
51	29.1		22.1	33.1	
120	20.0		17.1	25.7	





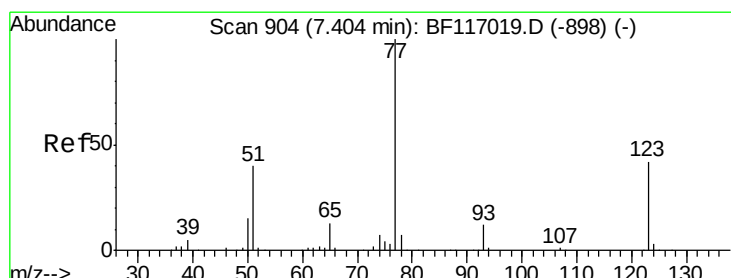
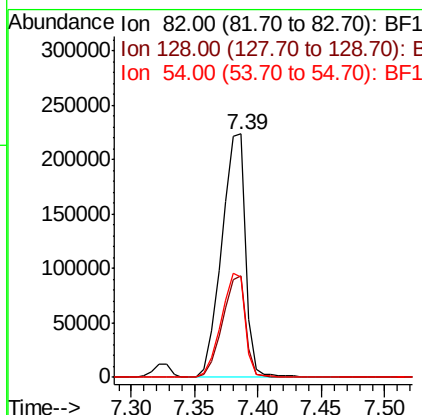
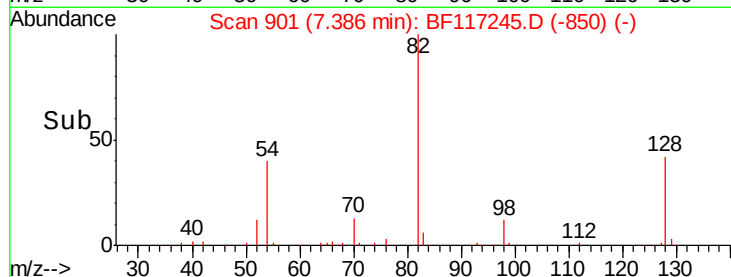
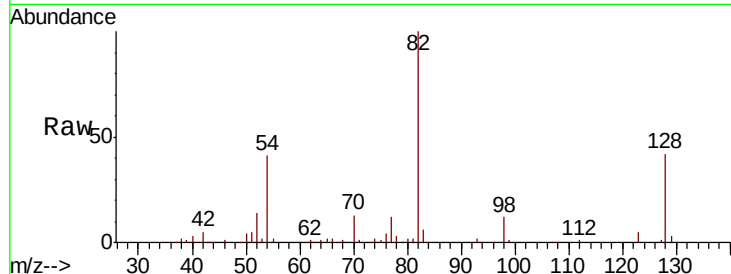
#23
Nitrobenzene-d5
Concen: 91.122 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	82	Resp	292500
Ion Ratio	Lower	Upper	
82	100		
128	41.9	32.3	48.5
54	40.9	33.3	49.9

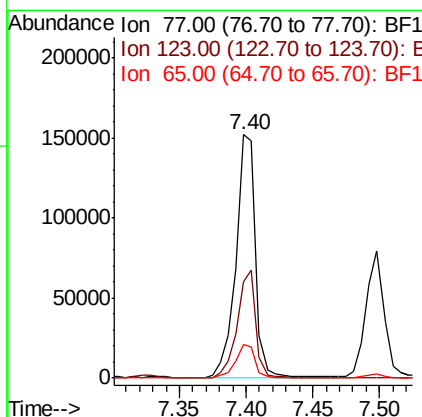
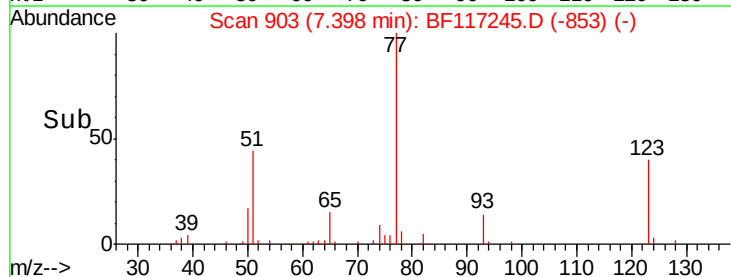
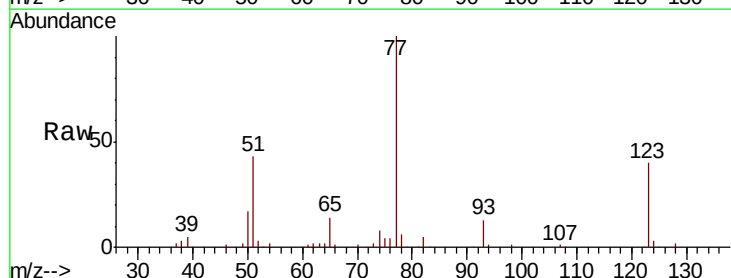
Manual Integrations
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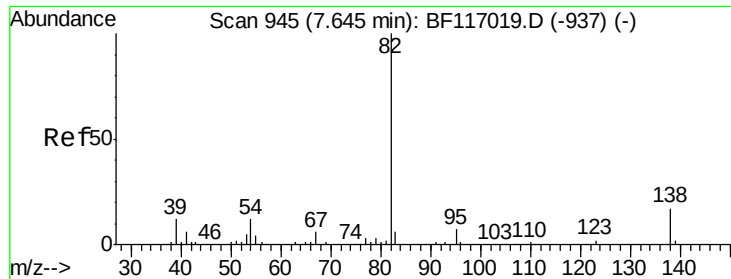
mohammad
9/26/2019 3:53:41 PM



#24
Nitrobenzene
Concen: 49.134 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	77	Resp	155755
Ion Ratio	Lower	Upper	
77	100		
123	39.7	33.5	50.3
65	14.1	10.5	15.7





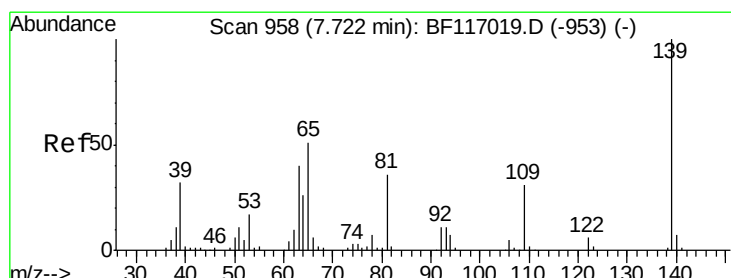
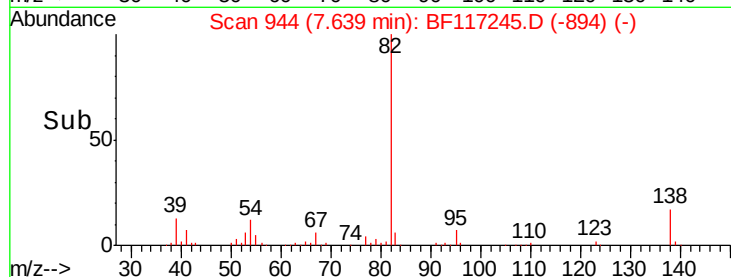
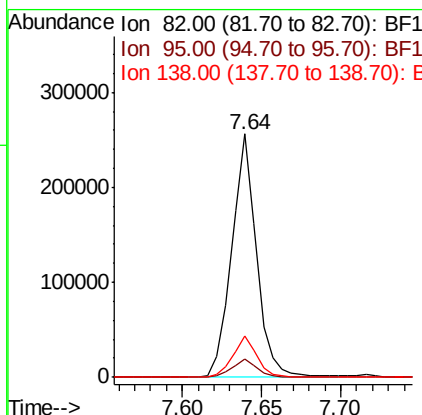
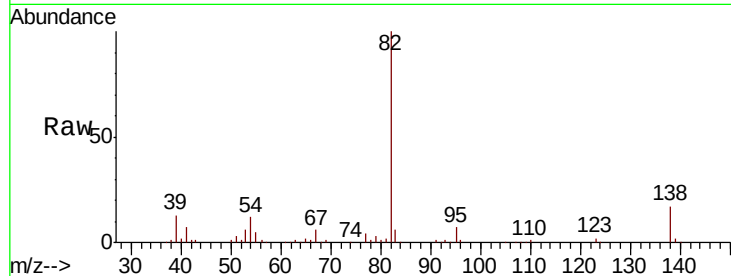
#25
Isophorone
Concen: 49.070 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
82	100	278895		
95	7.4		5.8	8.6
138	16.8		13.5	20.3

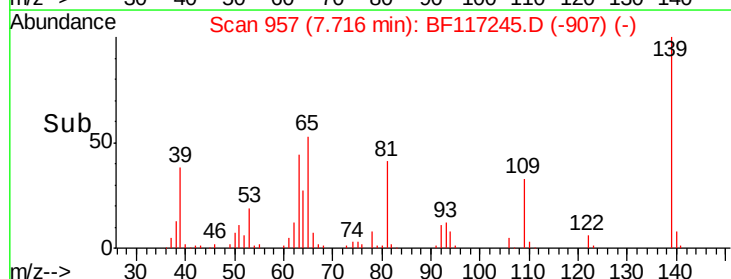
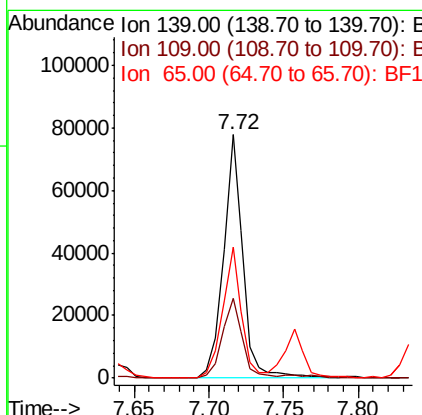
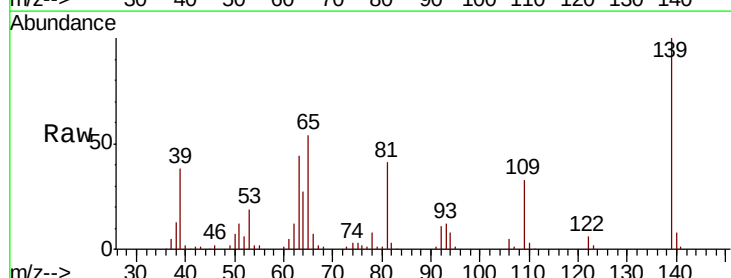
Manual Integrations
APPROVED

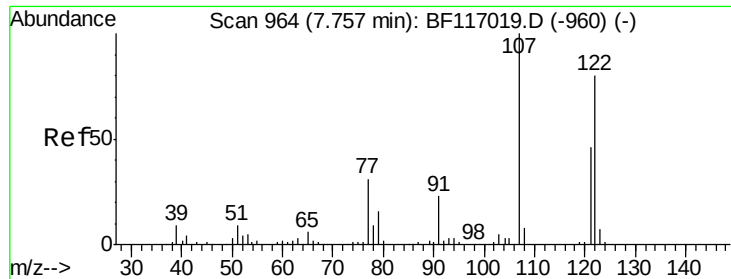
mohammad
9/26/2019 3:53:41 PM



#26
2-Nitrophenol
Concen: 52.746 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	71820		
109	32.7		24.6	36.8
65	54.0		40.9	61.3





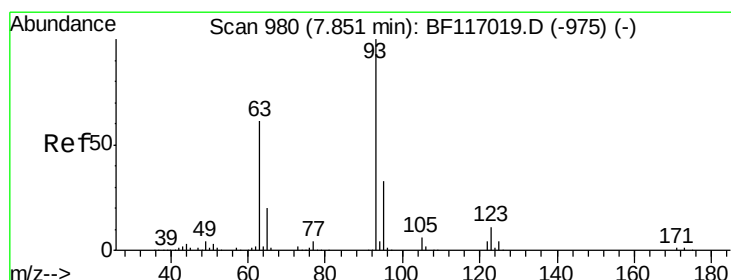
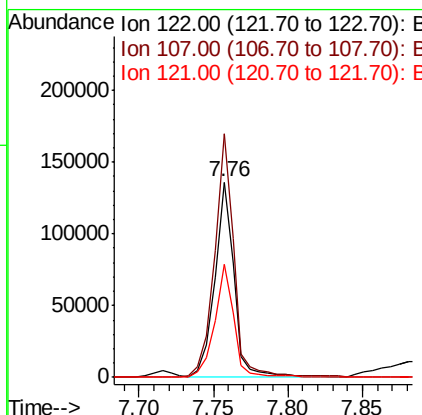
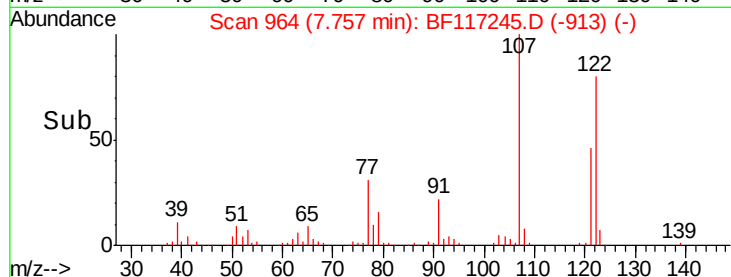
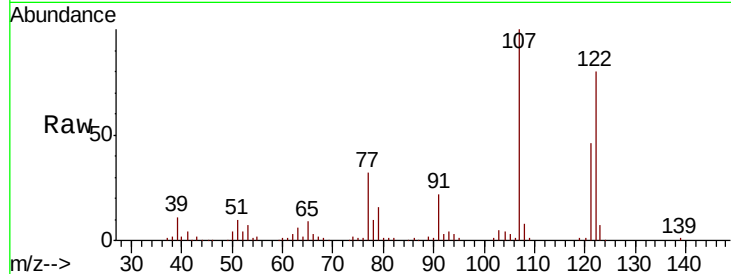
#27
 2,4-Dimethylphenol
 Concen: 56.778 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
122	100	122598		
107	124.5	98.9	148.3	
121	57.7	45.3	67.9	

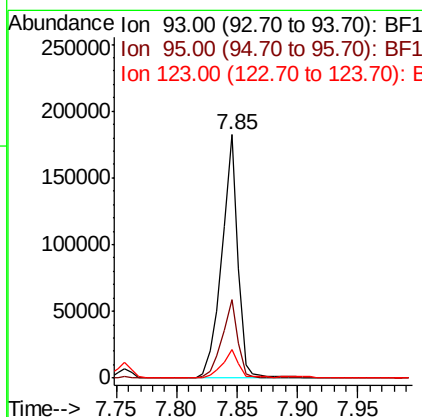
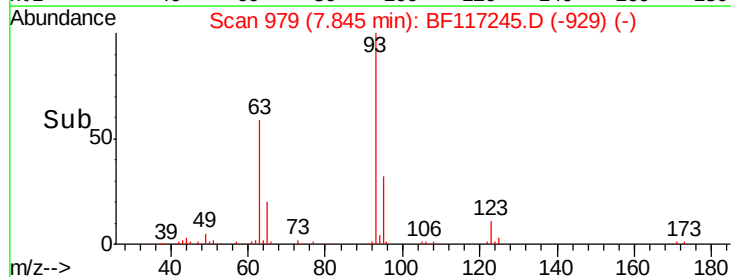
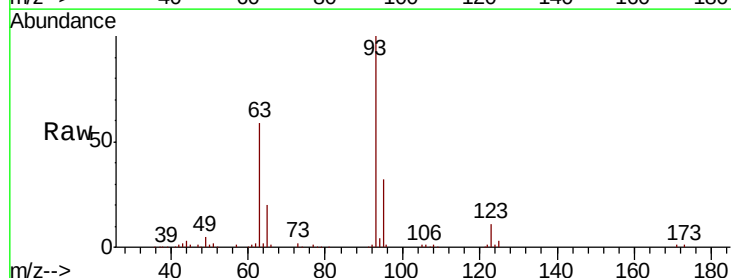
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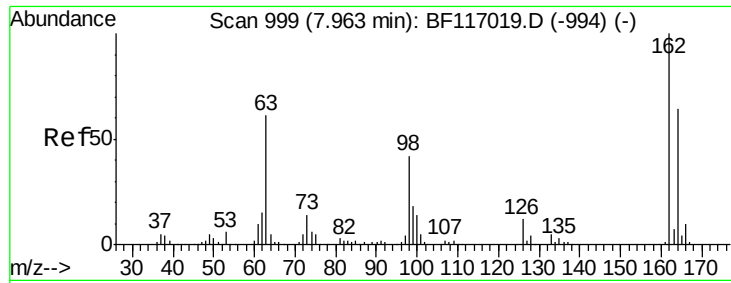
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.969 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	167974		
95	32.3	26.2	39.4	
123	11.5	9.0	13.6	





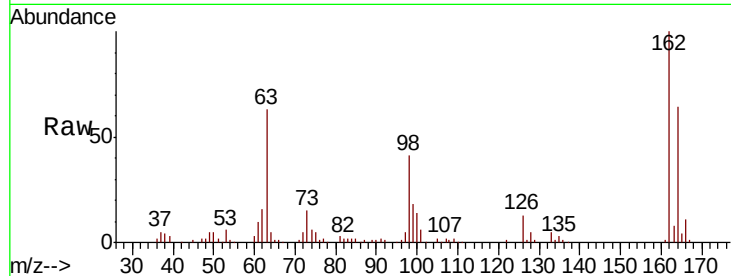
#29
 2,4-Dichlorophenol
 Concen: 49.864 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

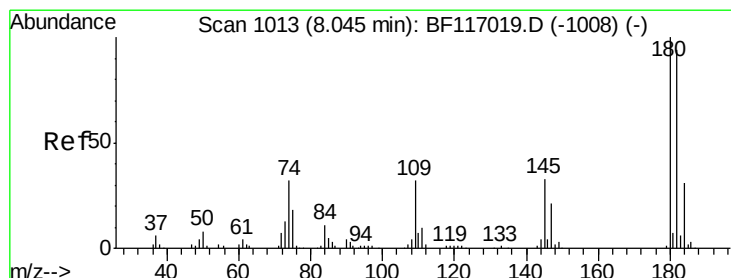
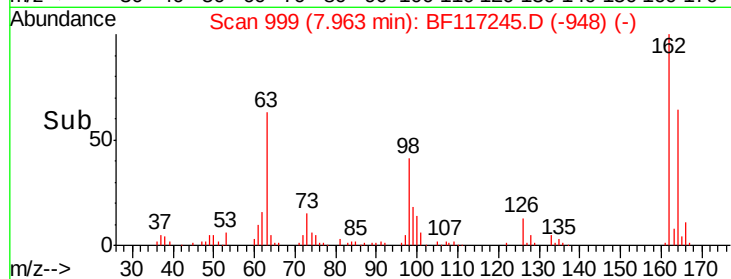
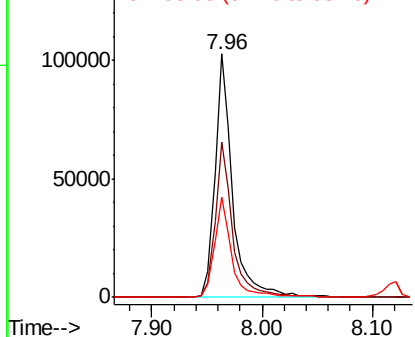
Tot Ion:	162	Resp:	112818
Ion Ratio	Lower	Upper	
162	100		
164	63.6	43.8	83.8
98	41.4	22.1	62.1

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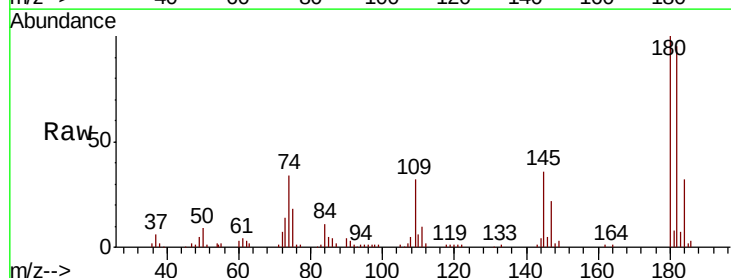


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

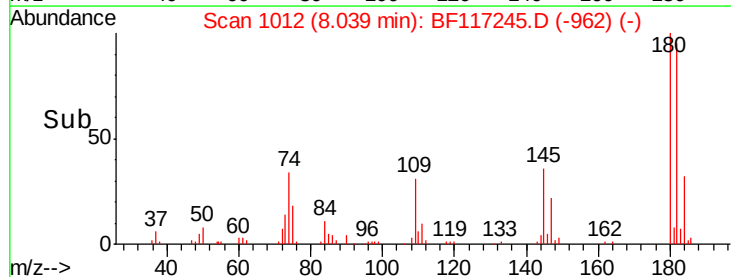
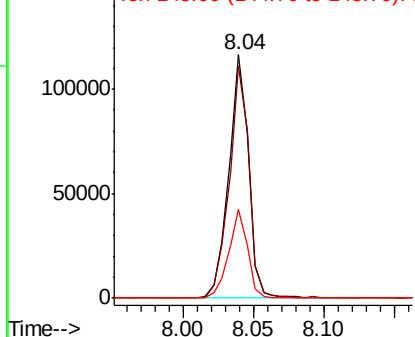


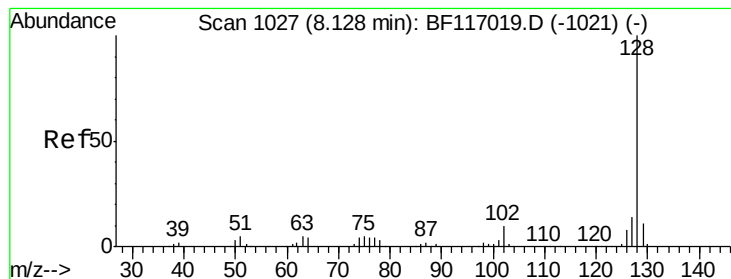
#30
 1,2,4-Trichlorobenzene
 Concen: 46.207 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion:	180	Resp:	112945
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.4	113.0
145	36.3	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.410 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Instrument :

BNA_F

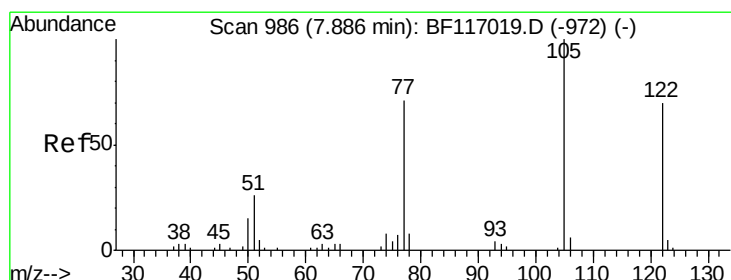
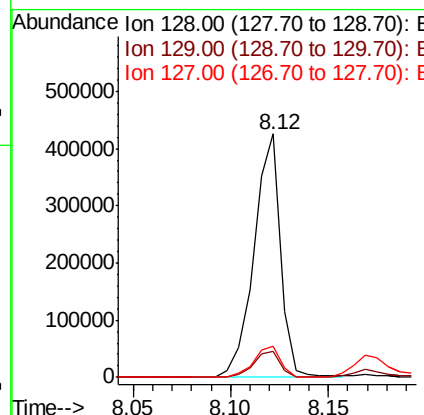
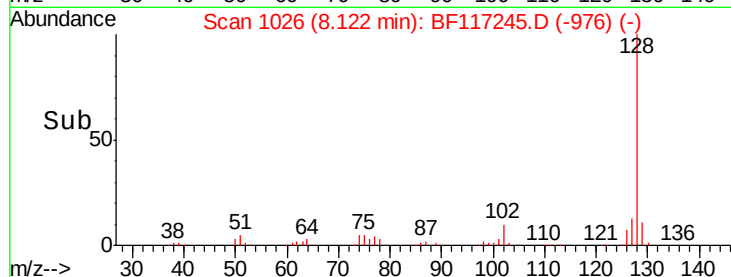
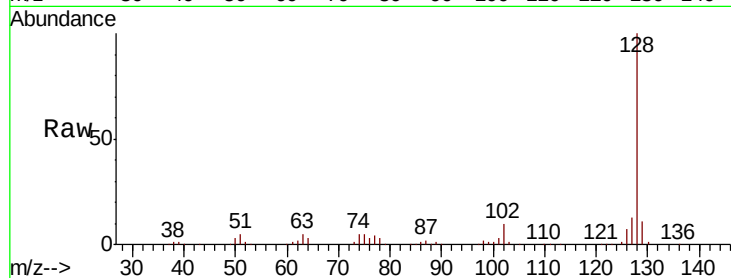
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion:128	Resp:	400793
Ion Ratio	Lower	Upper
128	100	
129	10.6	9.0 13.4
127	12.9	10.8 16.2

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#32

Benzoic acid

Concen: 33.469 ng

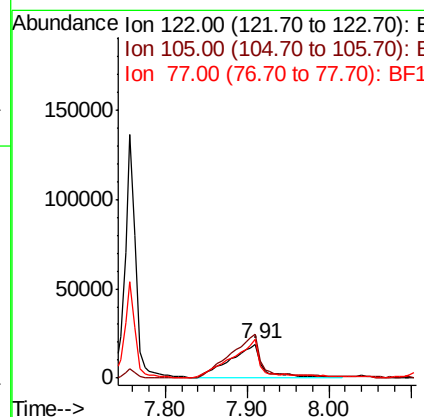
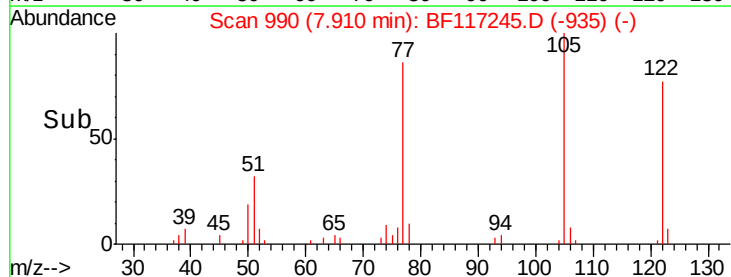
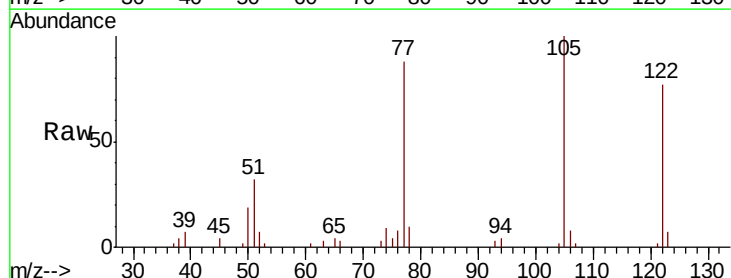
RT: 7.91 min Scan# 990

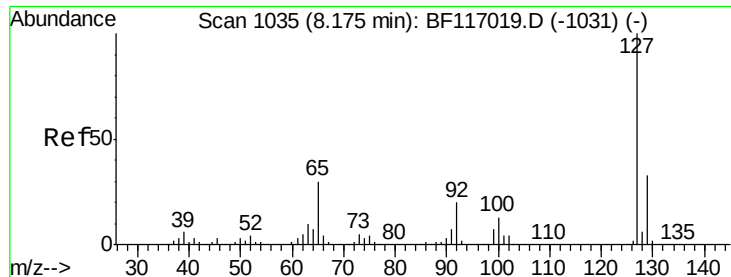
Delta R.T. 0.02 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Tgt Ion:122	Resp:	50795
Ion Ratio	Lower	Upper
122	100	
105	129.4	114.8 154.8
77	113.8	78.7 118.7





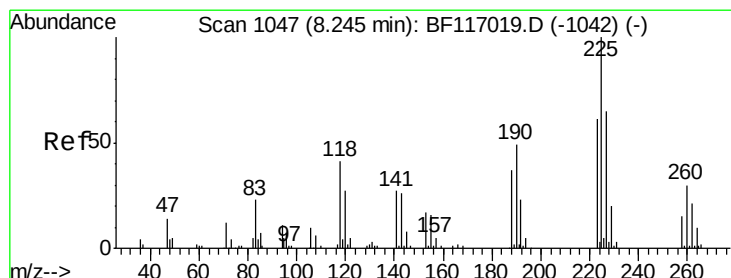
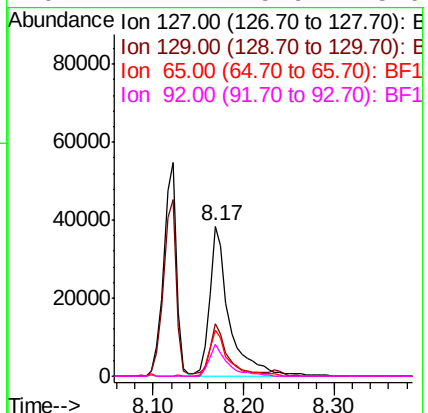
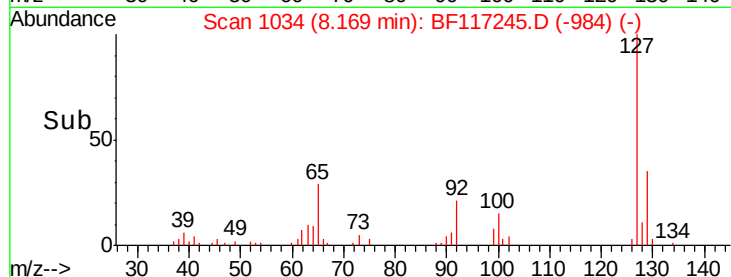
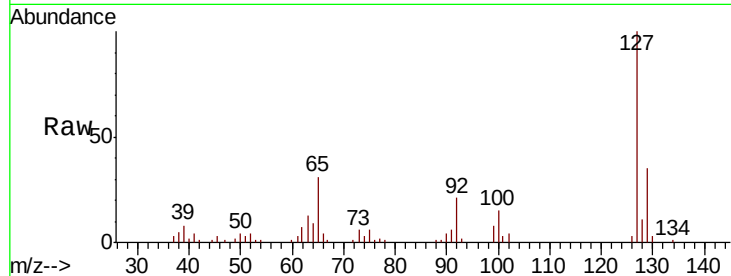
#33
4-Chloroaniline
Concen: 16.403 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		59014		
129	35.1	26.2	39.2		
65	30.9	23.5	35.3		
92	21.1	15.9	23.9		

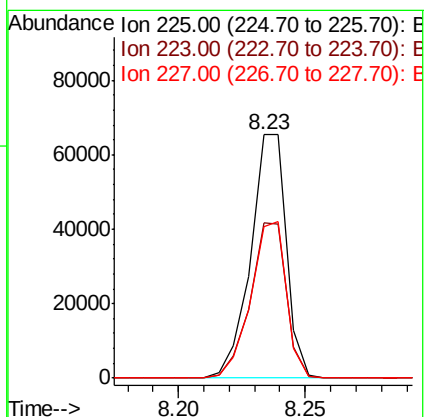
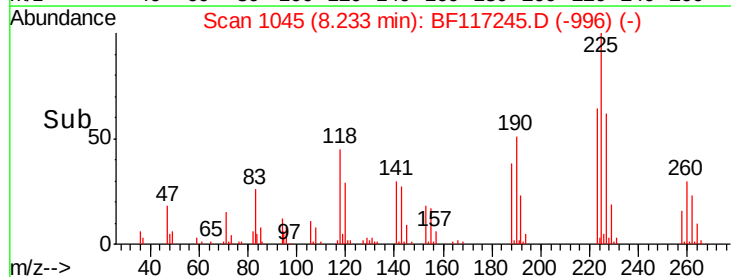
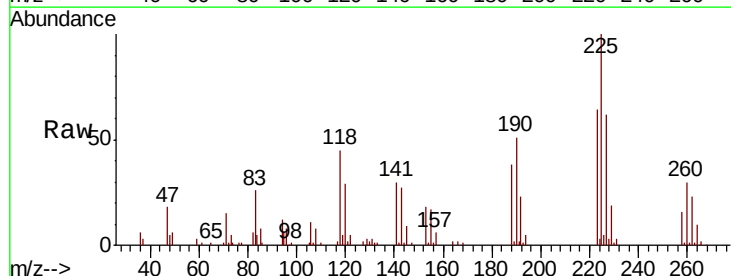
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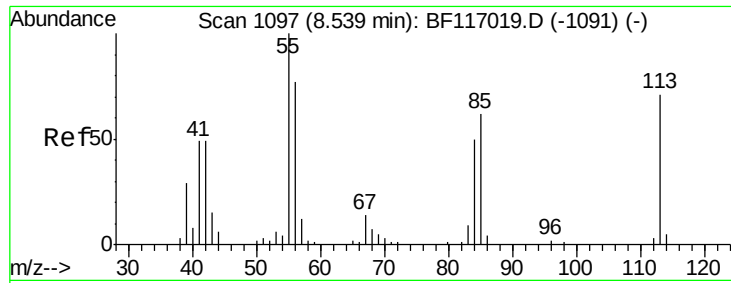
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#34
Hexachlorobutadiene
Concen: 46.334 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		64256		
223	64.0	49.1	73.7		
227	62.4	52.2	78.2		





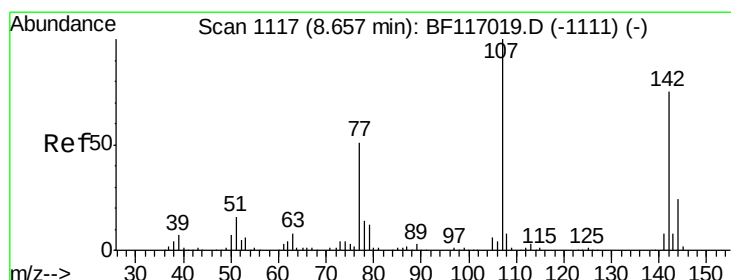
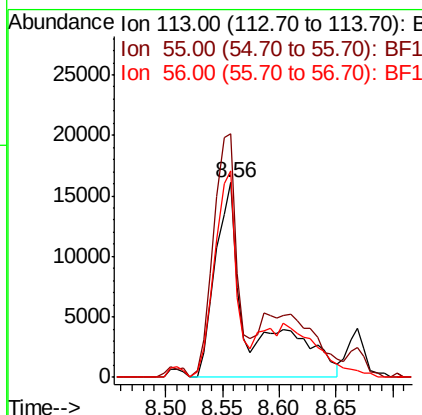
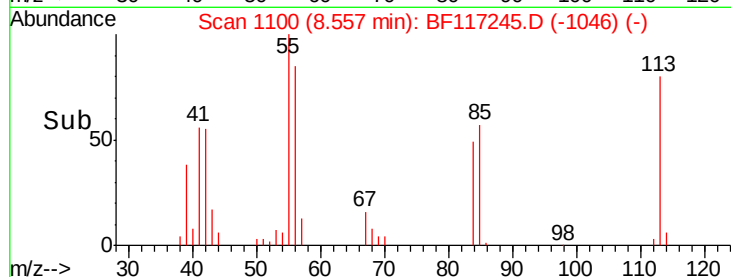
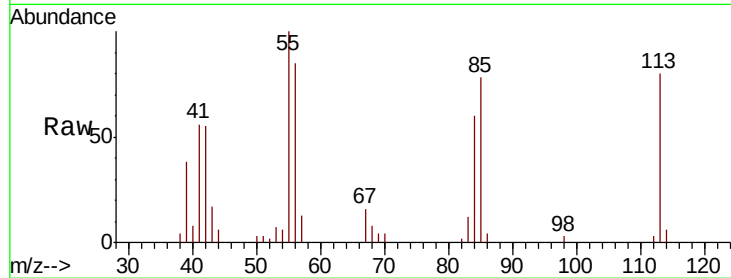
#35
Caprolactam
Concen: 45.748 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	125.0		120.6	160.6	
56	106.1		88.8	128.8	

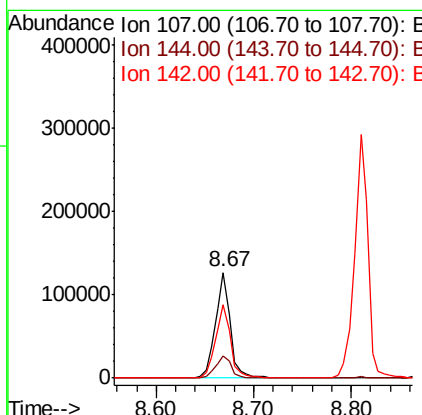
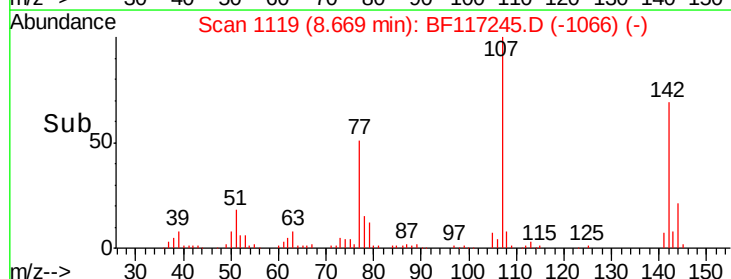
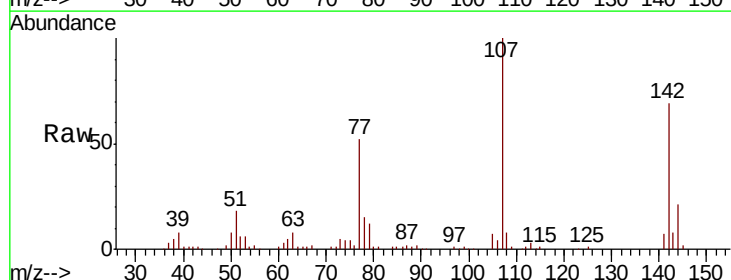
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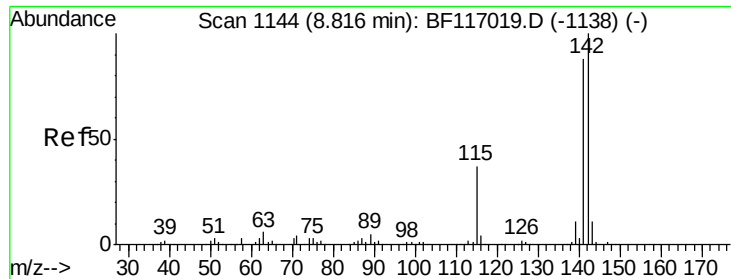
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#36
4-Chloro-3-methylphenol
Concen: 50.846 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	21.3		19.2	28.8	
142	69.4		59.6	89.4	





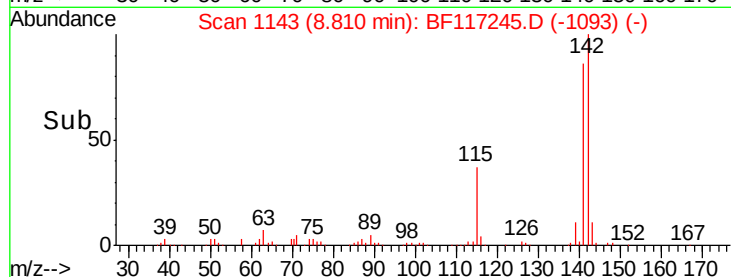
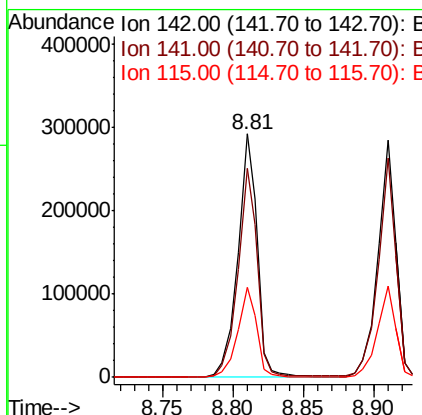
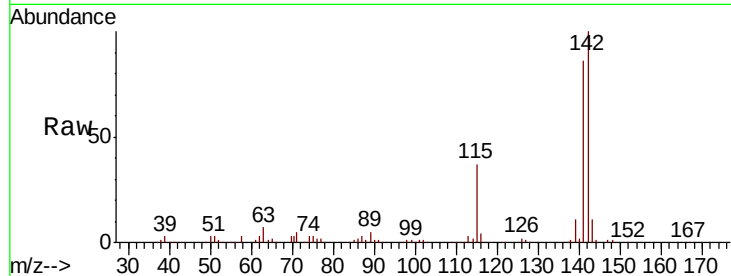
#37
 2-Methylnaphthalene
 Concen: 50.947 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion:	142	Resp:	278287
Ion Ratio	Lower	Upper	
142	100		
141	86.1	70.7	106.1
115	36.9	29.4	44.0

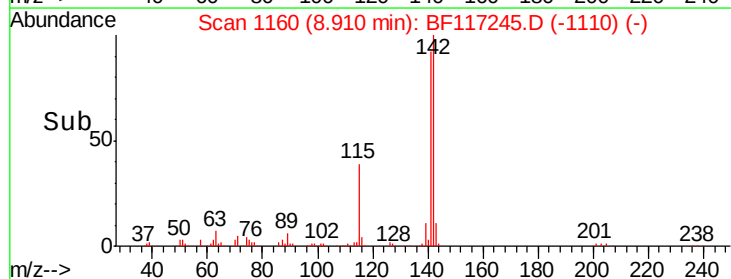
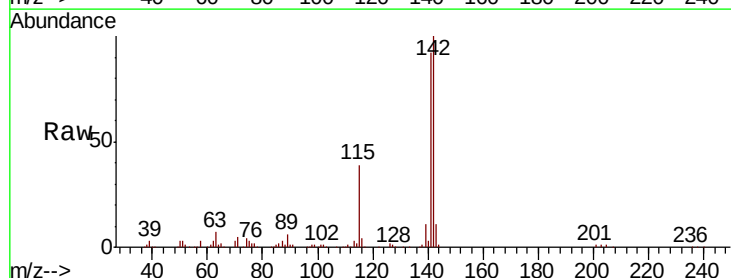
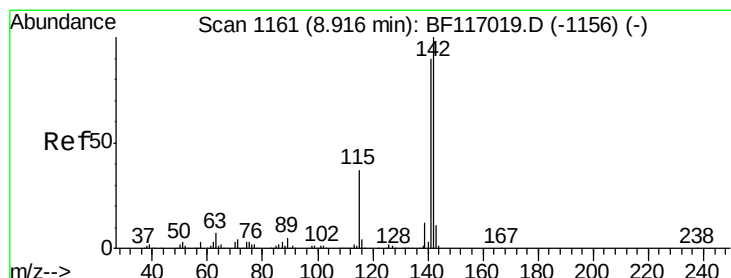
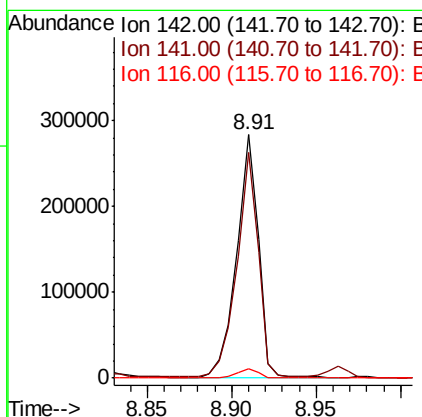
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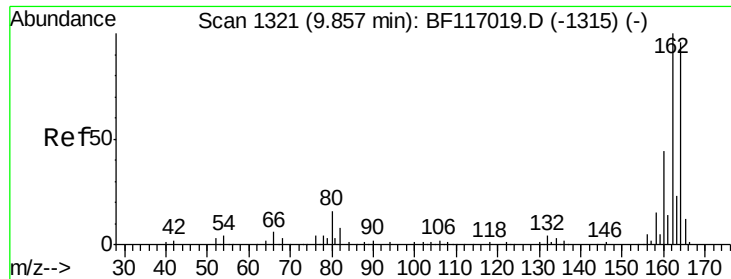
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#38
 1-Methylnaphthalene
 Concen: 49.391 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion:	142	Resp:	252679
Ion Ratio	Lower	Upper	
142	100		
141	92.4	71.9	107.9
116	3.9	3.2	4.8





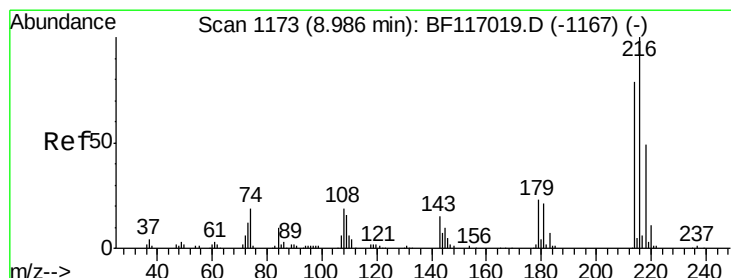
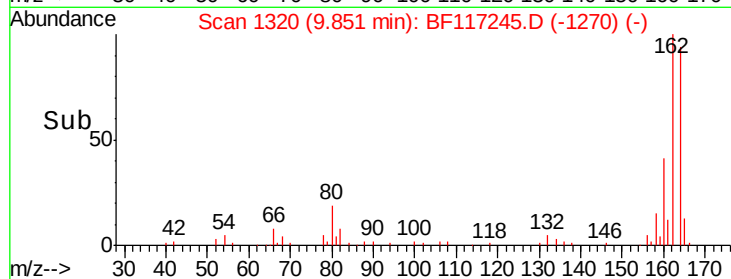
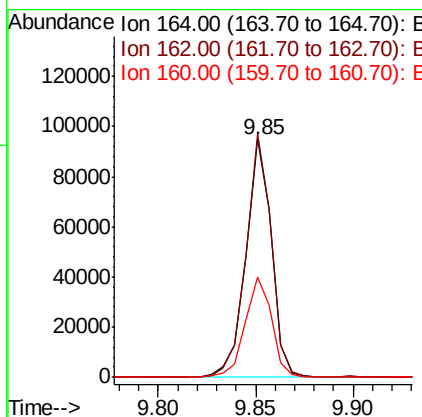
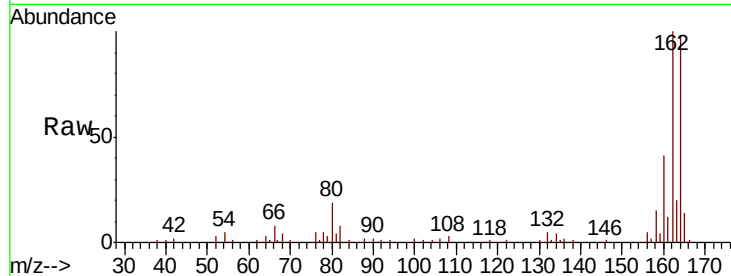
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.4	125.2
160	42.0	36.4	54.6

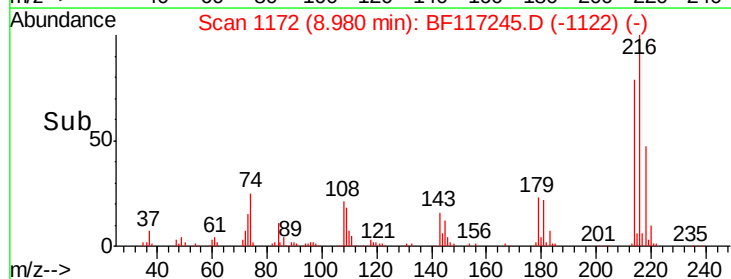
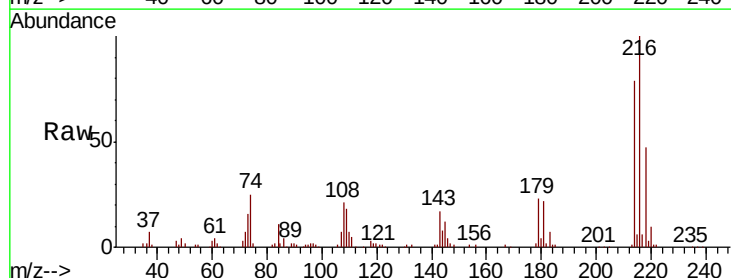
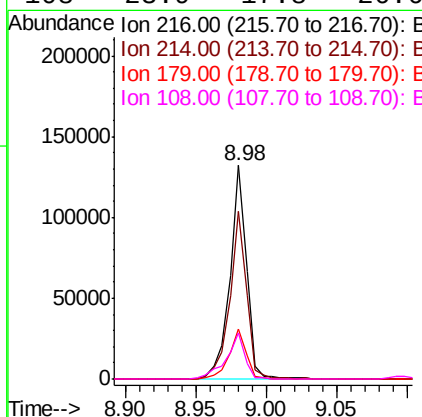
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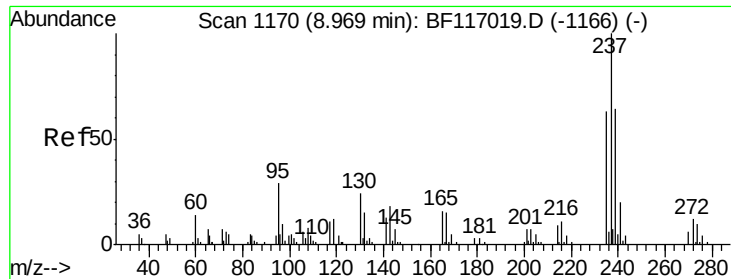
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.731 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.6	95.4
179	23.5	18.3	27.5
108	23.9	17.8	26.6





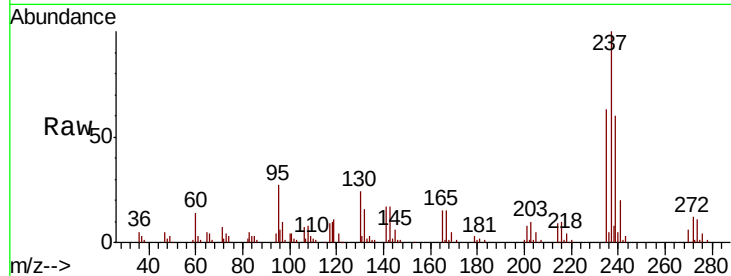
#41
Hexachlorocyclopentadiene
Concen: 74.283 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

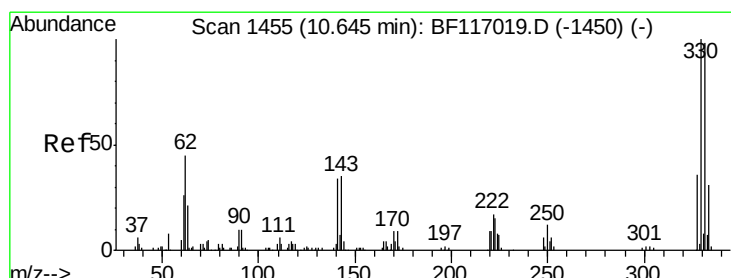
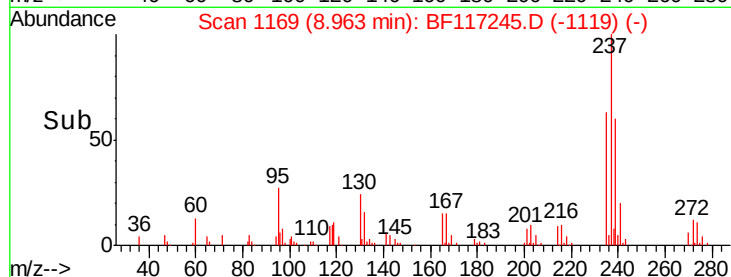
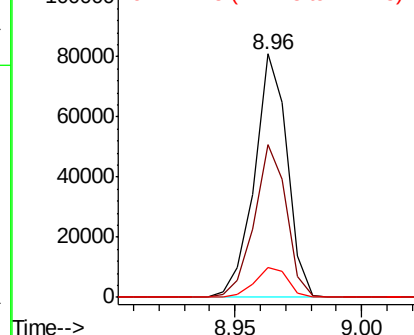
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	43.2	83.2
272	12.5	0.0	31.9

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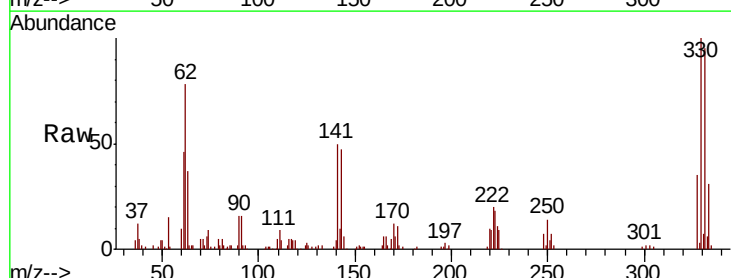


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

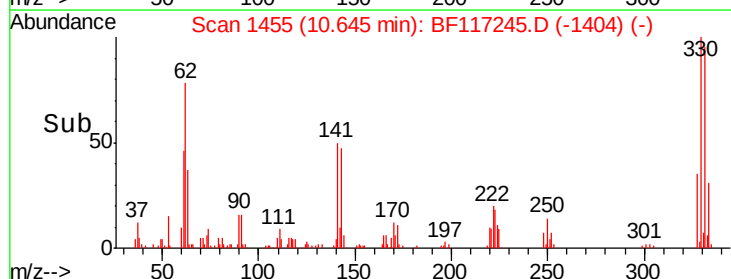
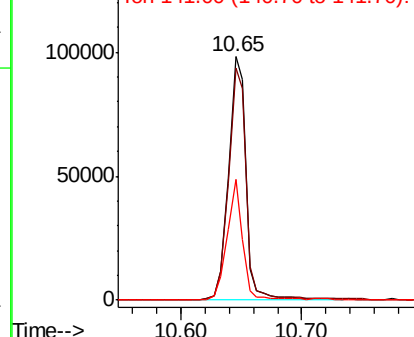


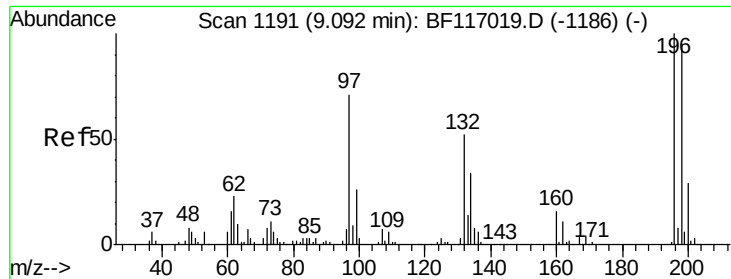
#42
2,4,6-Tribromophenol
Concen: 135.814 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.1	78.0	117.0
141	44.2	35.8	53.6



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





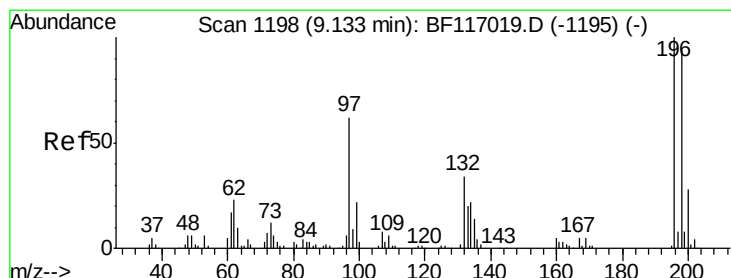
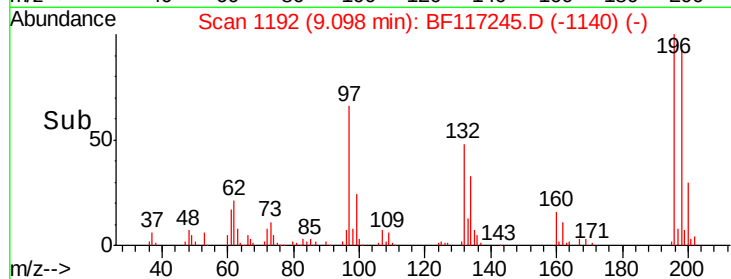
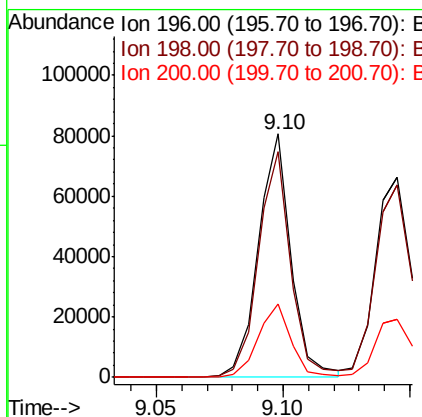
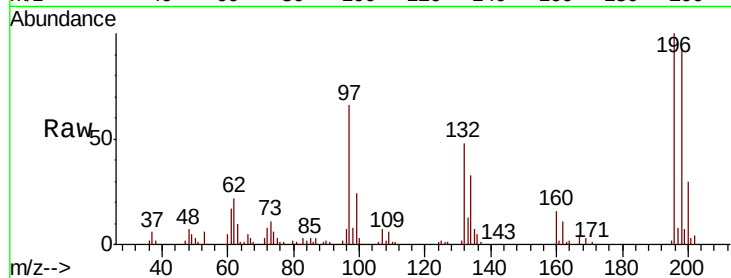
#43
 2,4,6-Trichlorophenol
 Concen: 47.903 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
196	100	72620		
198	92.9		75.7	113.5
200	30.1		23.3	34.9

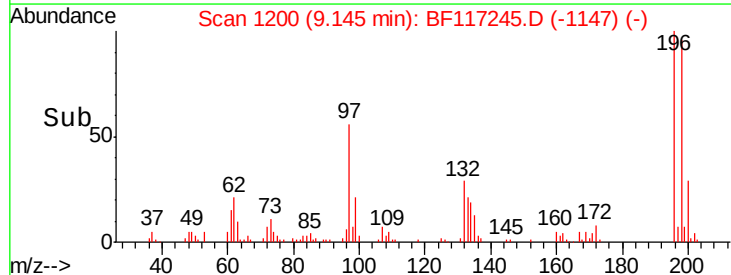
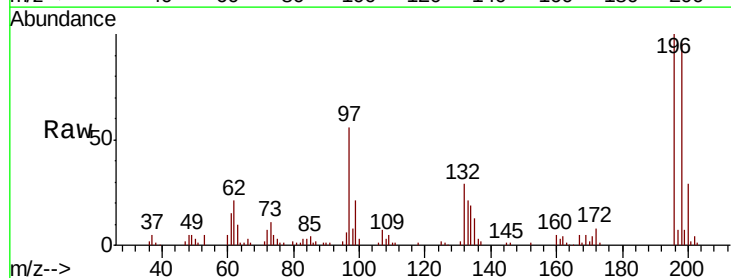
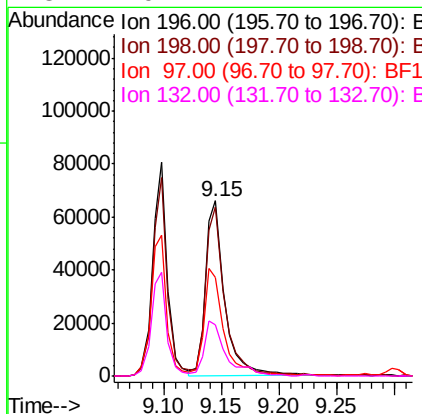
Manual Integrations
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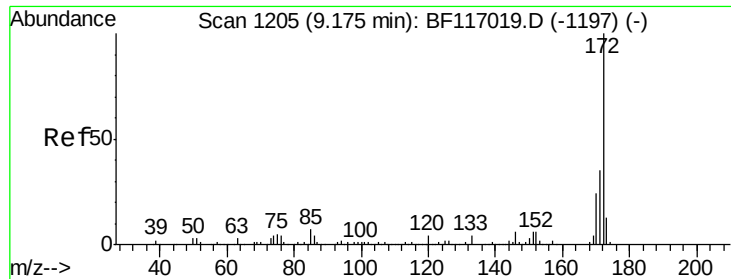
mohammad
 9/26/2019 3:53:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.222 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76486		
198	96.3		74.6	112.0
97	56.2		49.5	74.3
132	29.2		27.4	41.2





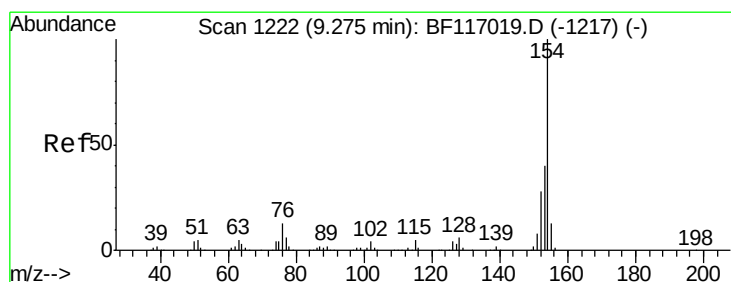
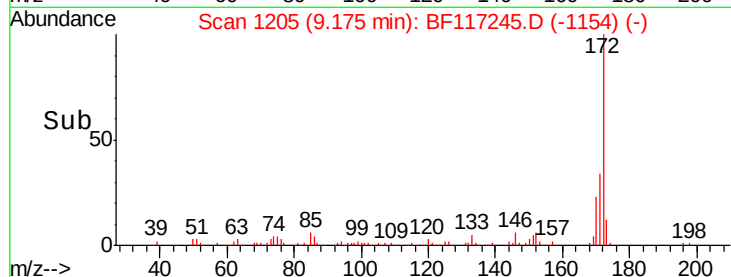
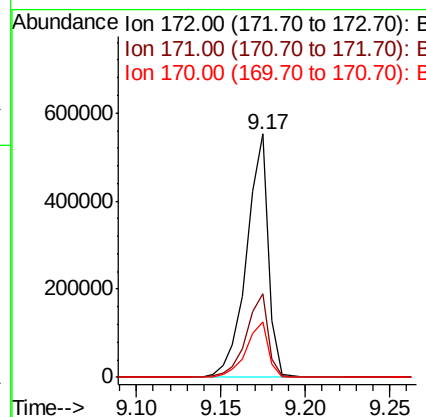
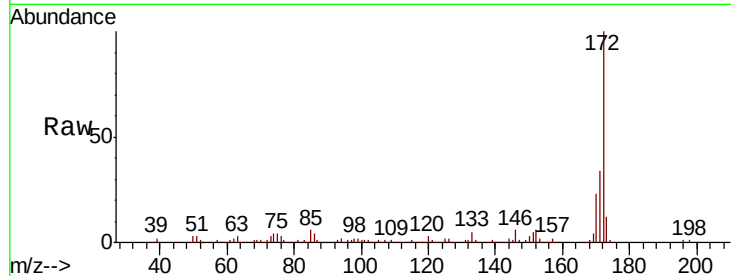
#45
2-Fluorobiphenyl
Concen: 90.056 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
172	100	498259		
171	34.2		28.2	42.2
170	22.7		18.9	28.3

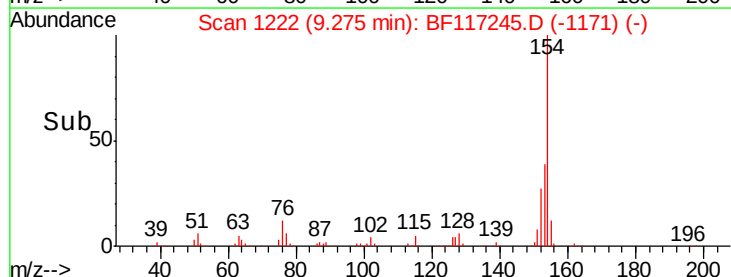
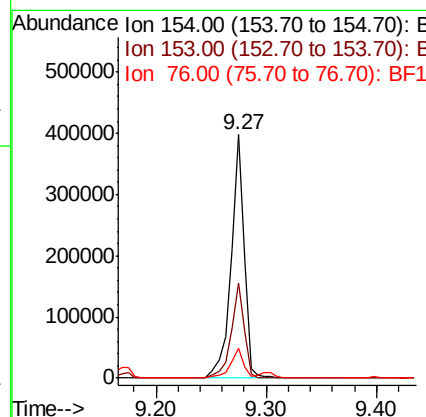
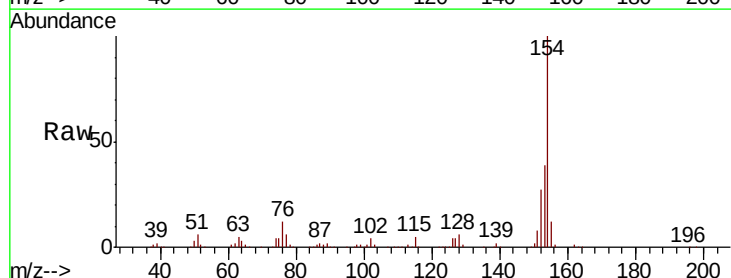
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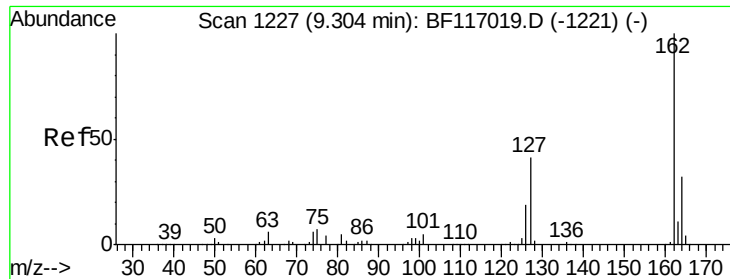
mohammad
9/26/2019 3:53:41 PM



#46
1,1'-Biphenyl
Concen: 48.707 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	330514		
153	38.9		20.0	60.0
76	12.1		0.0	32.7





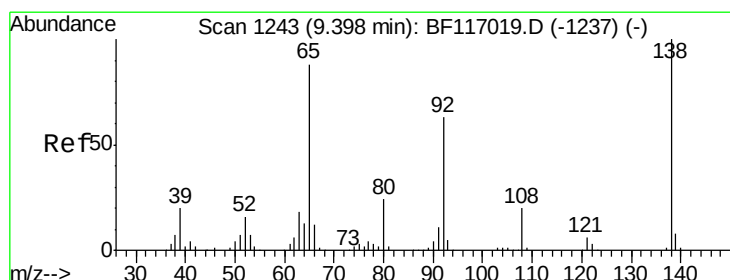
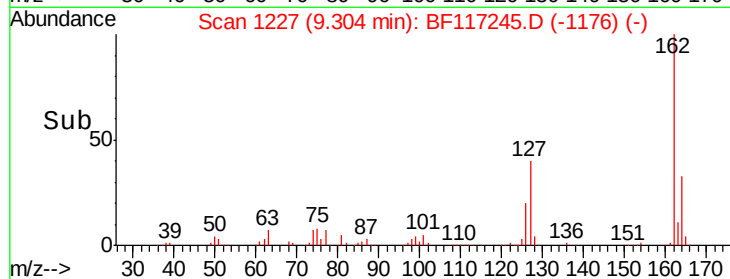
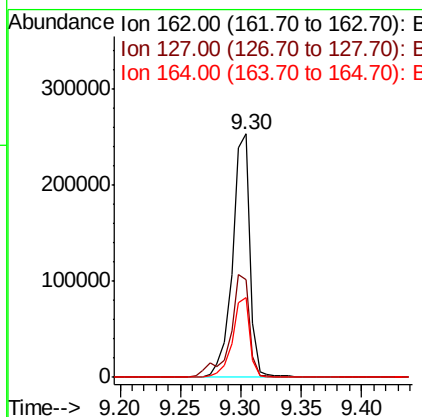
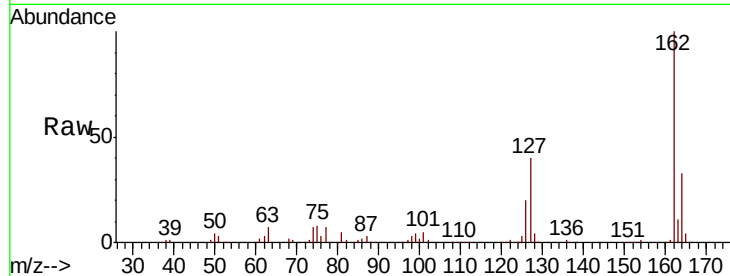
#47
2-Chloronaphthalene
Concen: 47.662 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		255252		
127	40.1		34.1	51.1	
164	32.8		25.9	38.9	

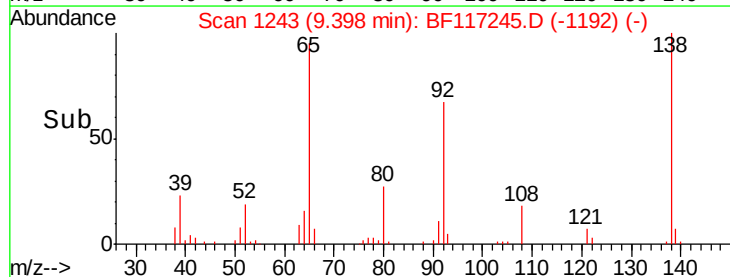
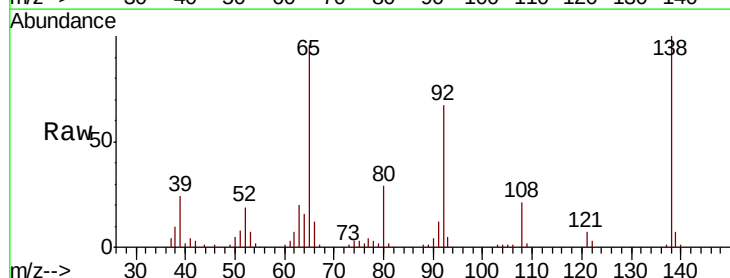
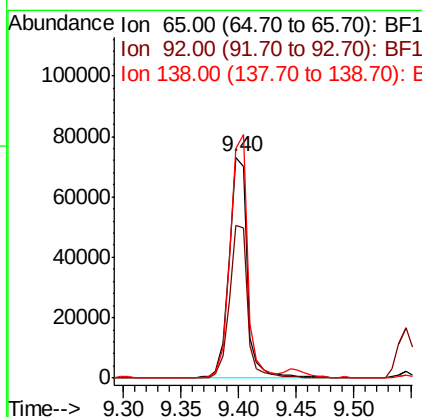
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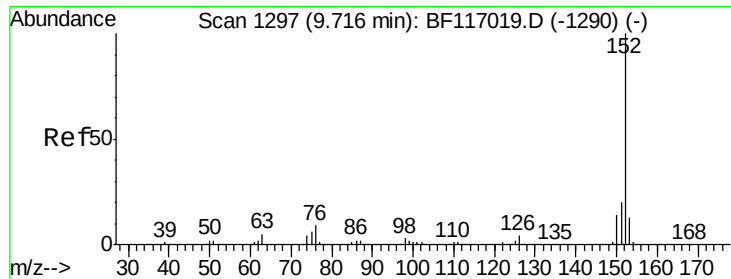
mohammad
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#48
2-Nitroaniline
Concen: 46.590 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		80030		
92	69.4		57.5	86.3	
138	103.8		90.6	136.0	





#49

Acenaphthylene

Concen: 49.620 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Instrument :

BNA_F

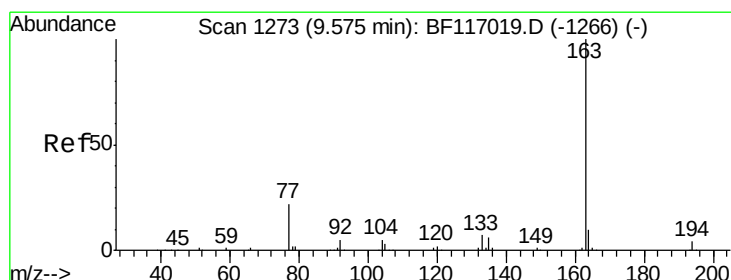
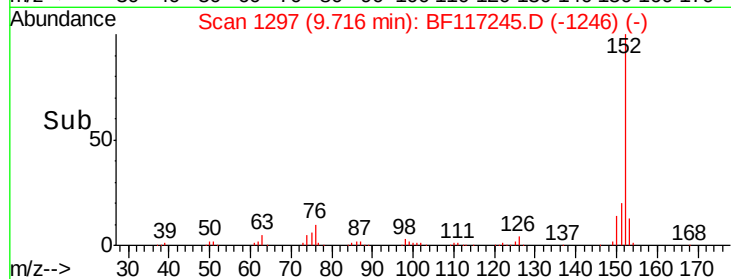
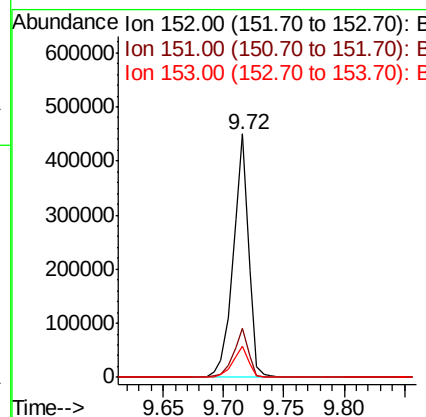
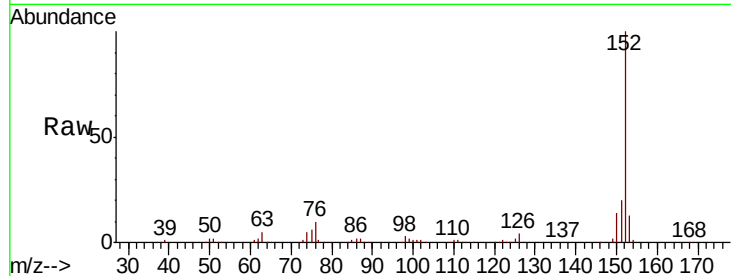
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		398086		
151	20.2	16.2	24.2		
153	12.9	10.2	15.4		

Manual Integrations
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#50

Dimethylphthalate

Concen: 59.017 ng

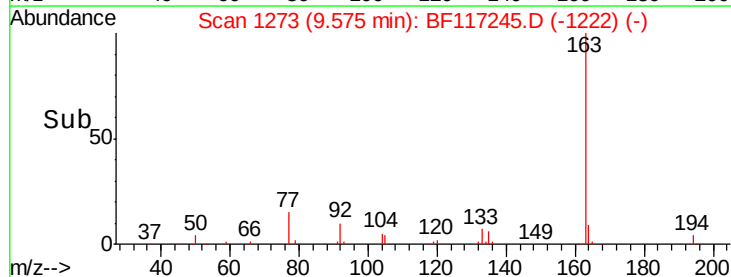
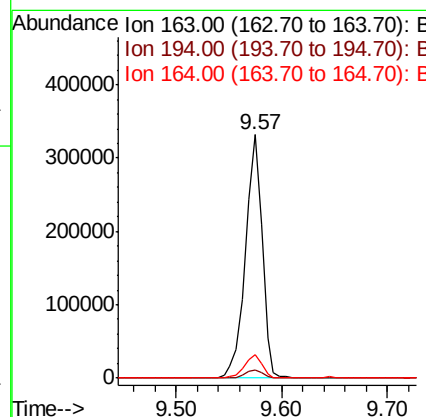
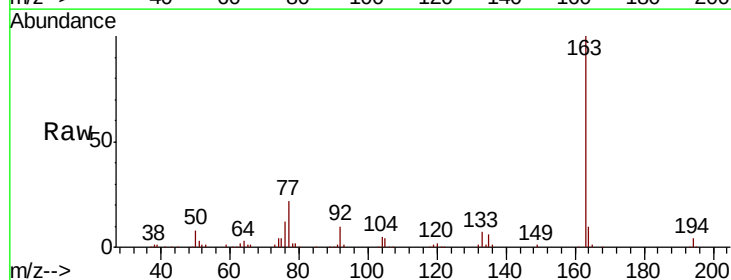
RT: 9.57 min Scan# 1273

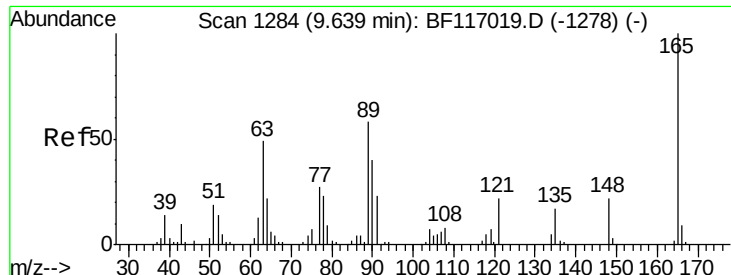
Delta R.T. 0.00 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		361494		
194	3.5	2.9	4.3		
164	9.5	8.2	12.4		





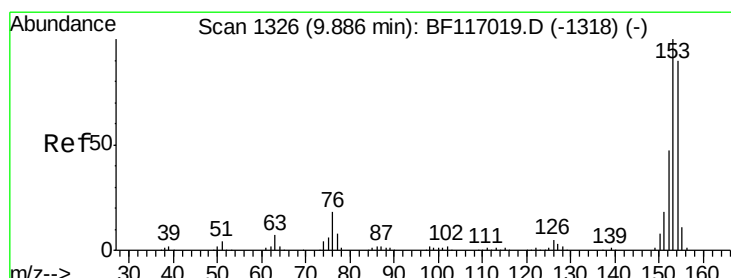
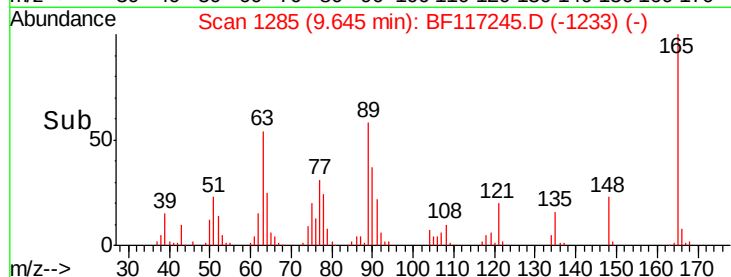
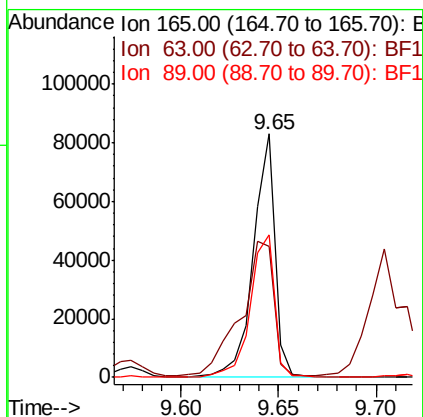
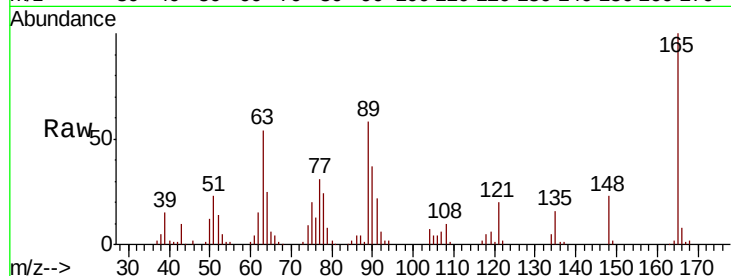
#51
 2,6-Dinitrotoluene
 Concen: 51.556 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion:	165	Resp:	64317
Ion Ratio	Lower	Upper	
165	100		
63	53.9	41.8	62.8
89	58.4	46.5	69.7

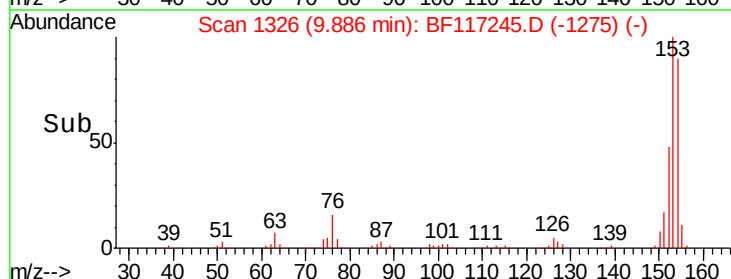
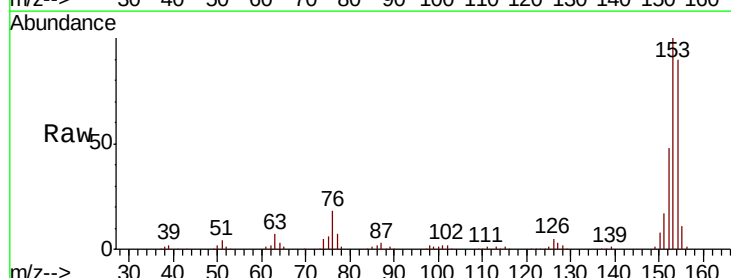
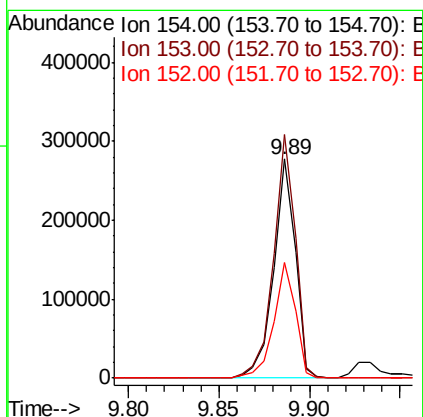
Manual Integrations
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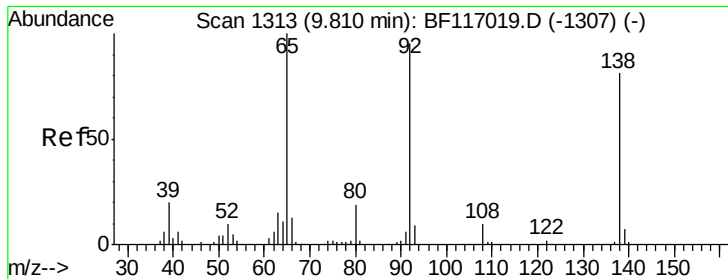
mohammad
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#52
 Acenaphthene
 Concen: 48.672 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion:	154	Resp:	231472
Ion Ratio	Lower	Upper	
154	100		
153	111.2	89.0	133.6
152	53.0	41.9	62.9





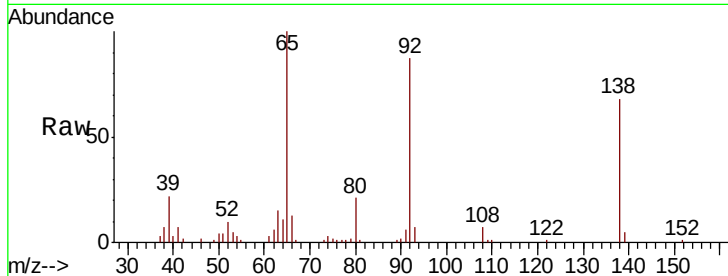
#53
3-Nitroaniline
Concen: 24.787 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.5	14.3
92	126.6	94.1	141.1

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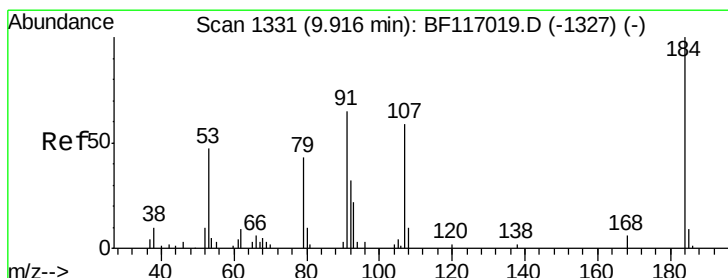
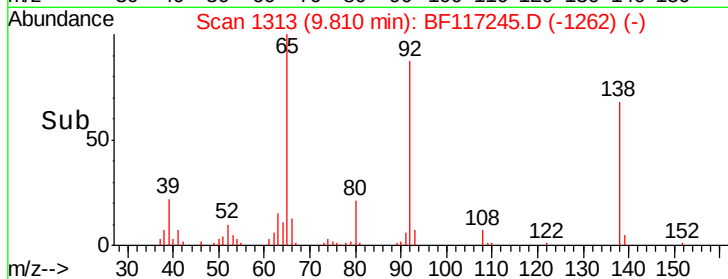
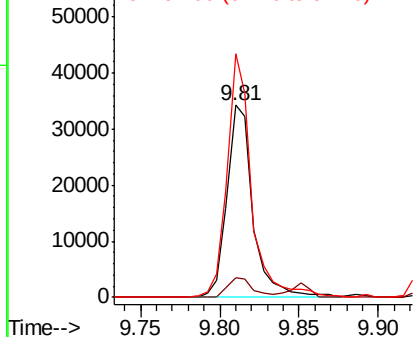


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 62.868 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

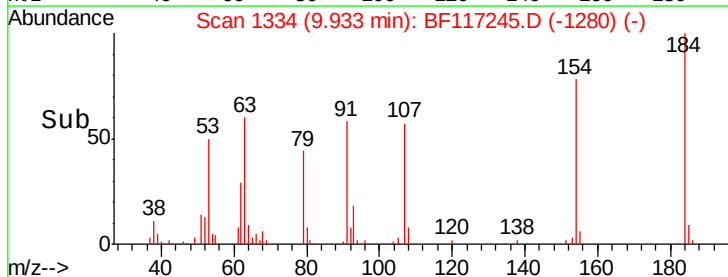
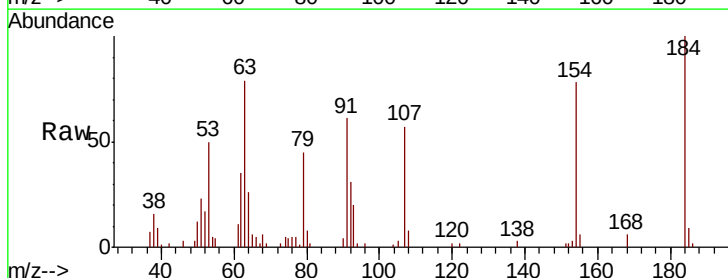
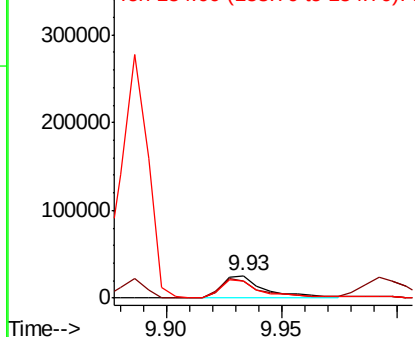
Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.3	63.8	95.6
154	77.6	60.4	90.6

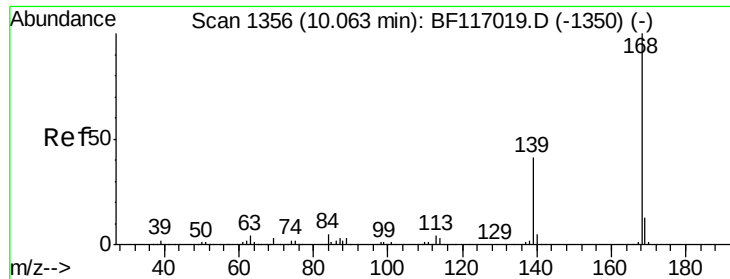
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





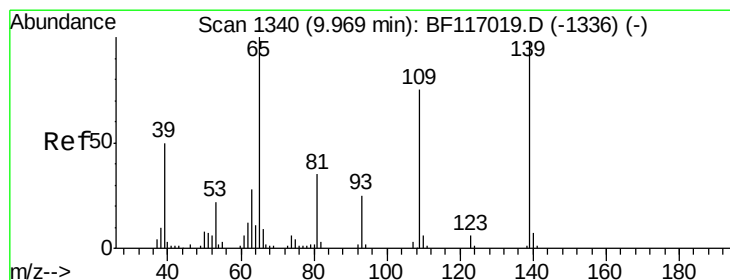
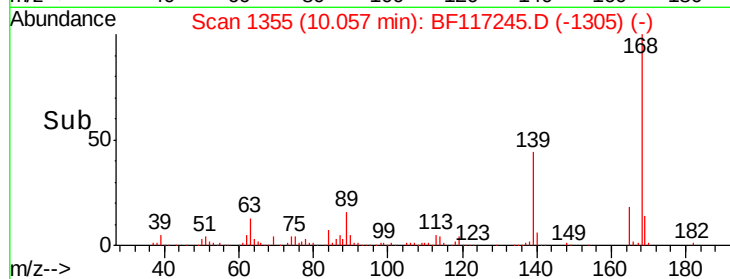
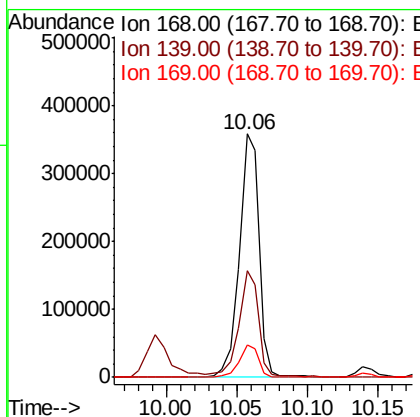
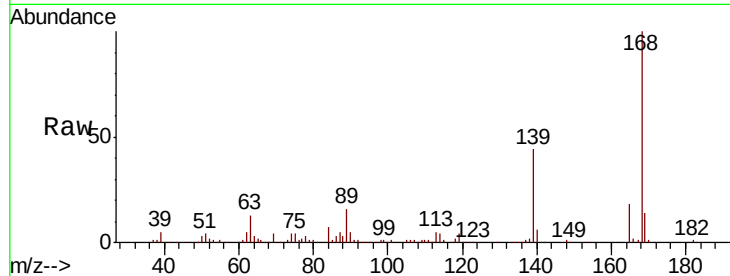
#55
Dibenzenofuran
Concen: 49.790 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.7	32.8	49.2
169	13.6	10.5	15.7

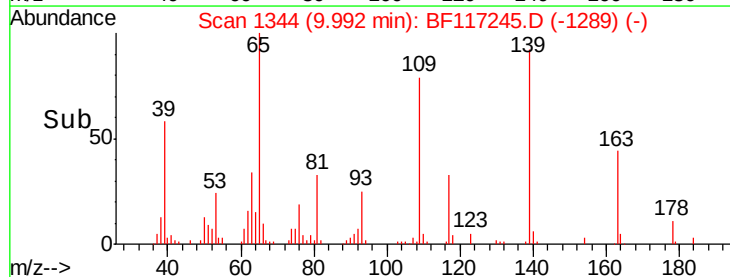
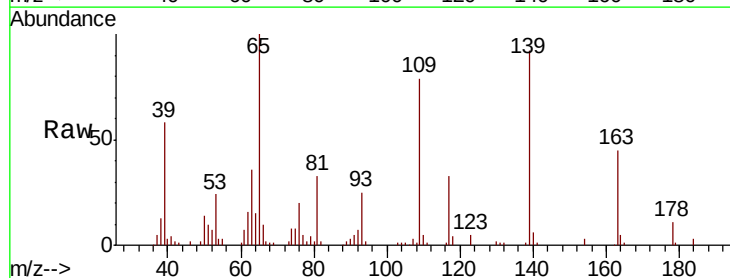
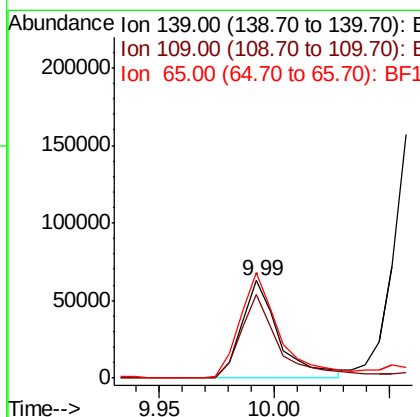
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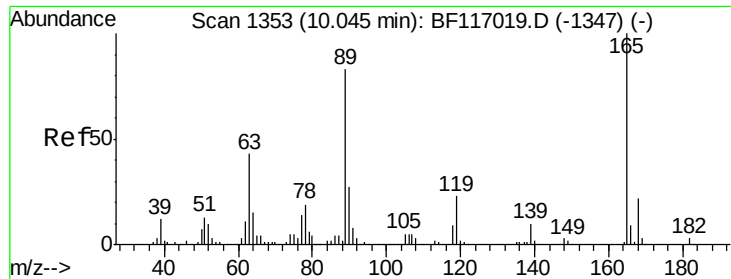
mohammad
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#56
4-Nitrophenol
Concen: 69.941 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.6	56.4	96.4
65	108.8	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 51.181 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Instrument :

BNA_F

ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion:165 Resp: 82880

Ion Ratio Lower Upper

165 100

63 63.4 35.0 52.4#

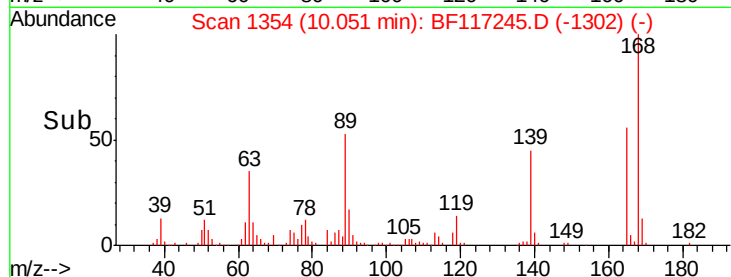
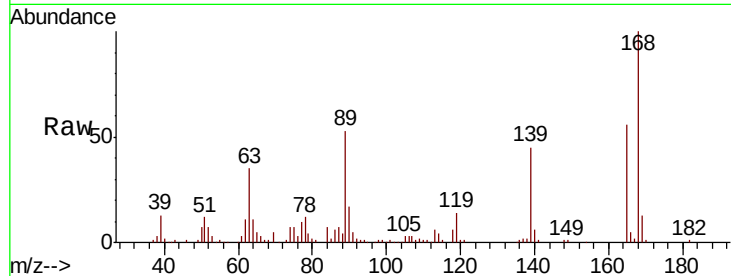
89 94.2 66.1 99.1

182 2.1 2.0 3.0

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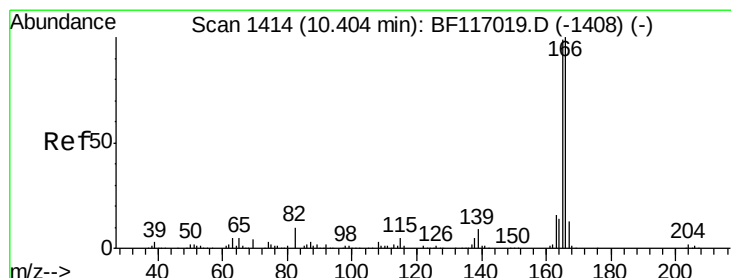
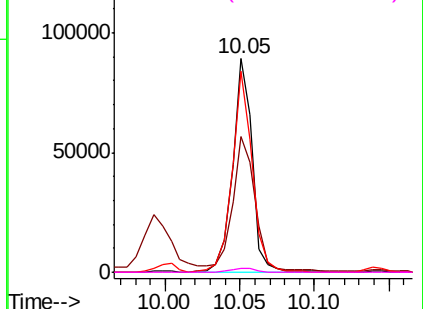


Abundance Ion 165.00 (164.70 to 165.70): E

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: 51.216 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

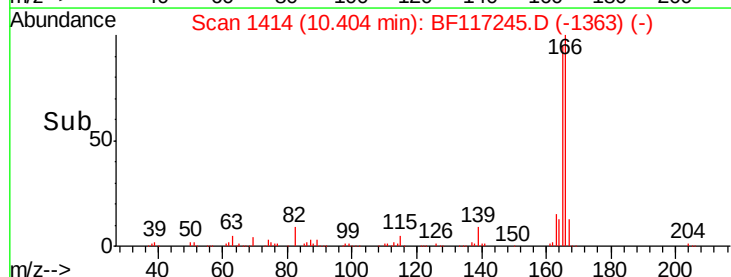
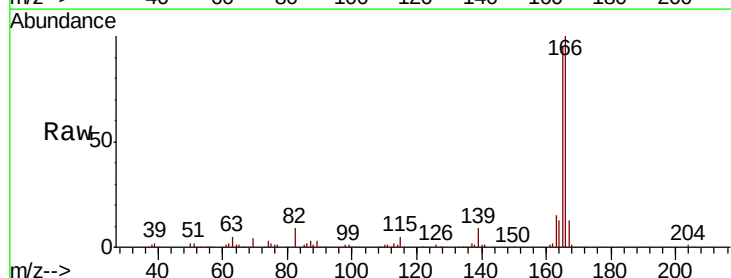
Tgt Ion:166 Resp: 289487

Ion Ratio Lower Upper

166 100

165 95.2 78.9 118.3

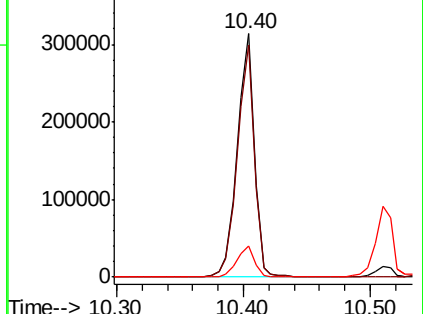
167 12.8 10.6 15.8

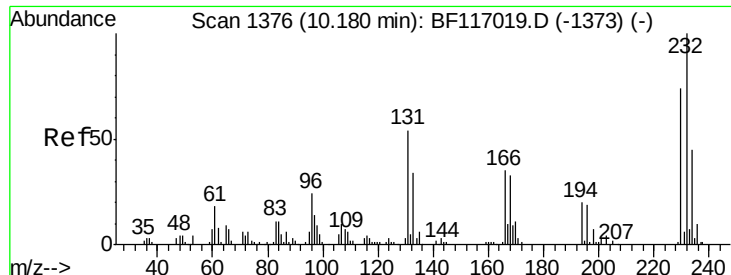


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





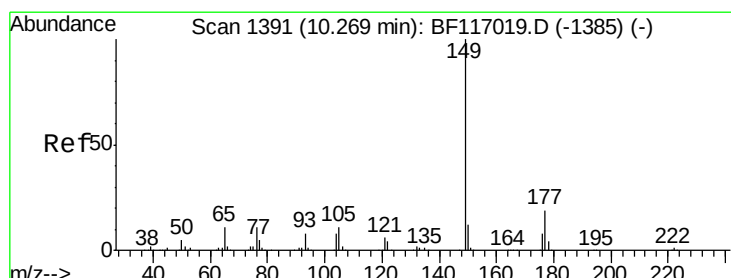
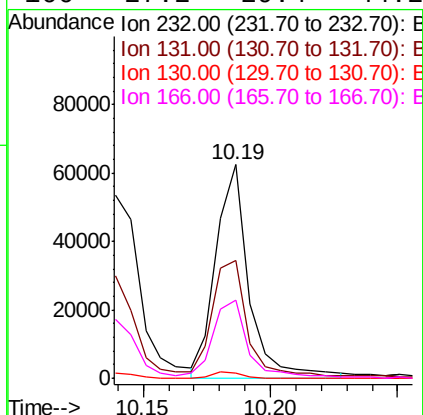
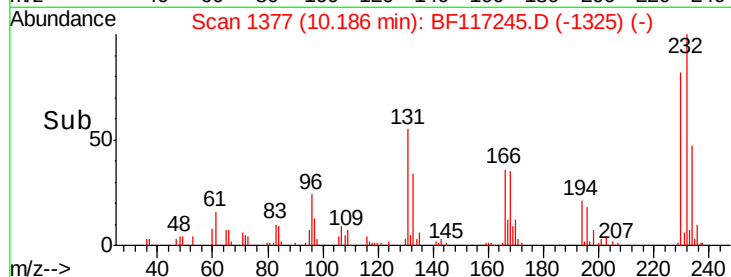
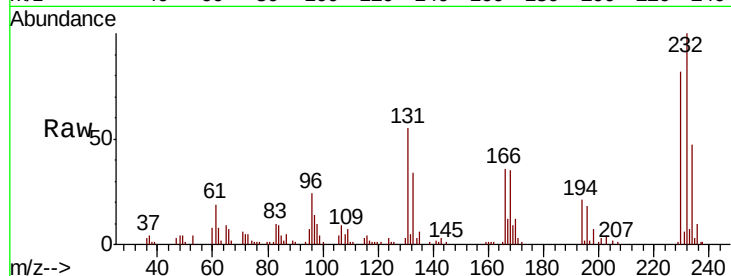
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.255 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	45.3	67.9
130	2.4	1.8	2.8
166	27.2	29.4	44.2#

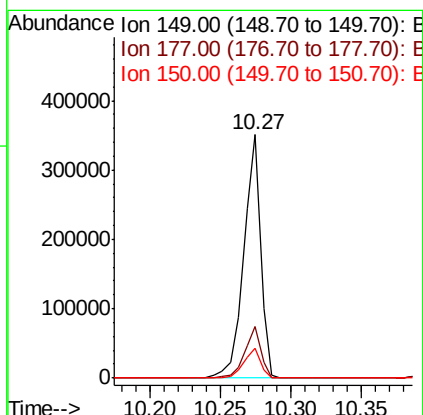
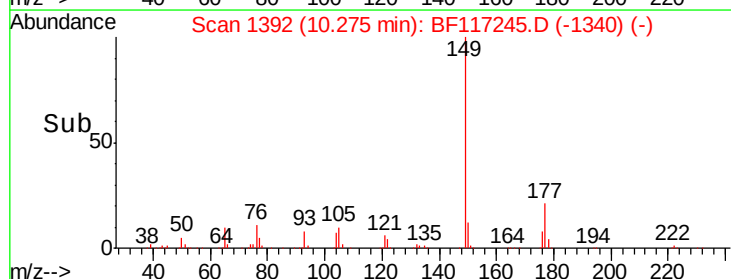
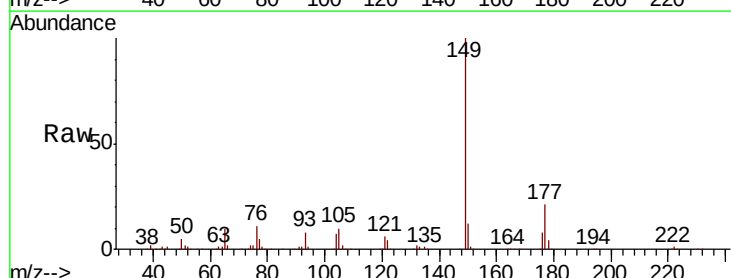
Manual Integrations
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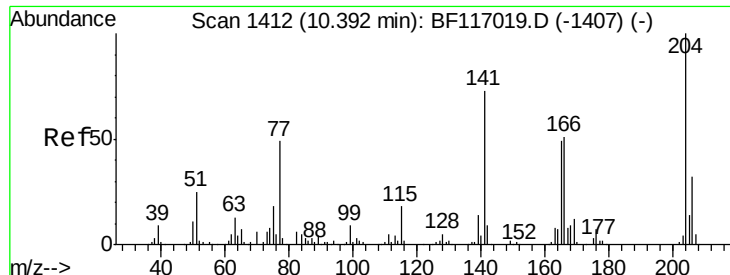
mohammad
 9/26/2019 3:53:41 PM



#60
 Diethylphthalate
 Concen: 48.471 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	15.2	22.8
150	12.3	9.9	14.9





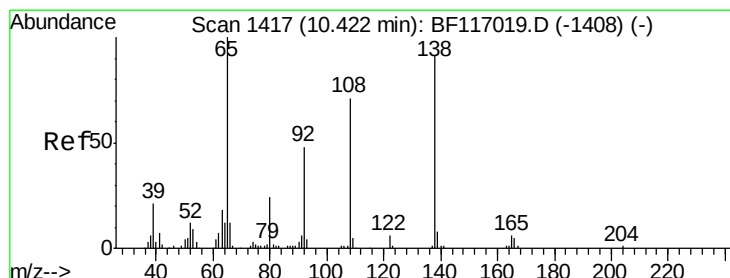
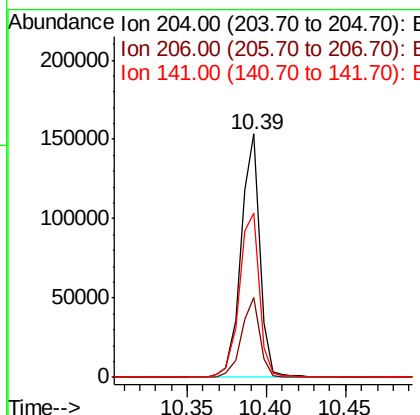
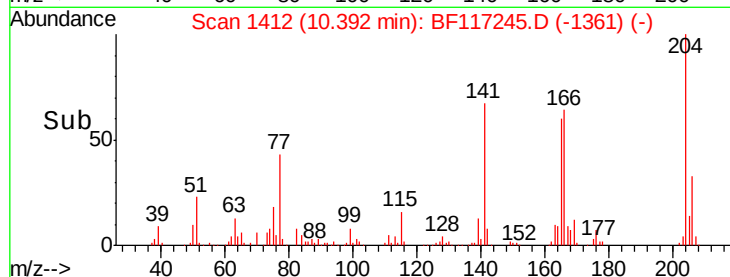
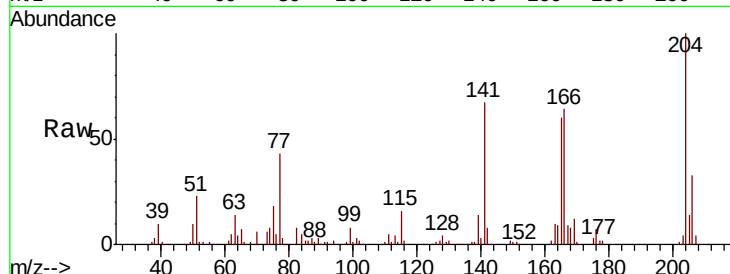
#61
4-Chlorophenyl-phenylether
Concen: 51.656 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	67.4	58.2	87.2

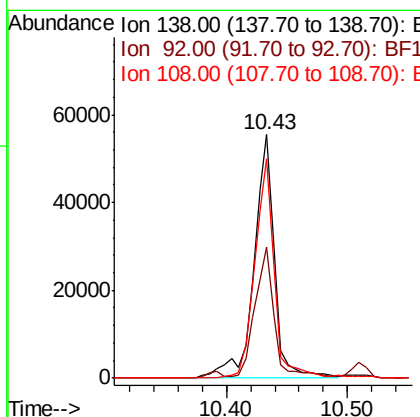
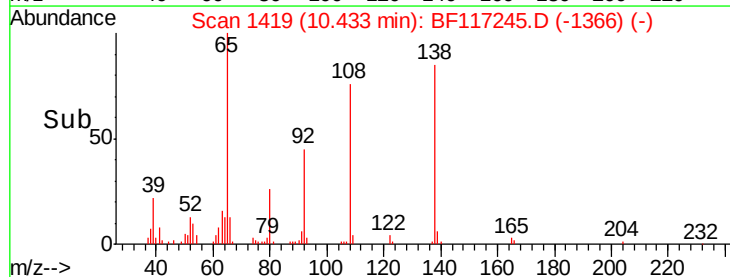
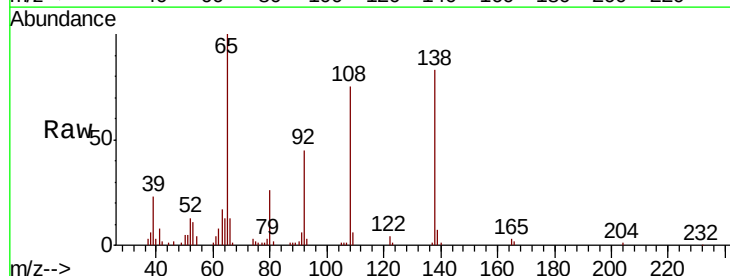
Manual Integrations
APPROVED

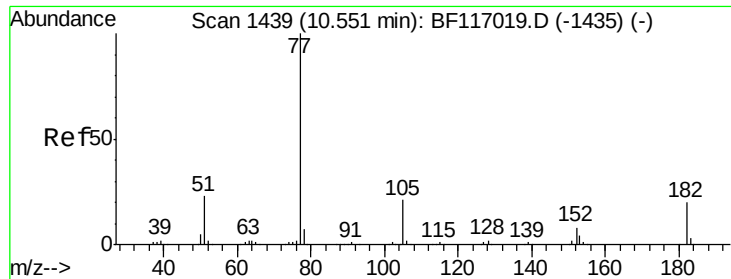
mohammad
9/26/2019 3:53:41 PM



#62
4-Nitroaniline
Concen: 40.439 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.6	32.9	72.9
108	89.9	58.3	98.3





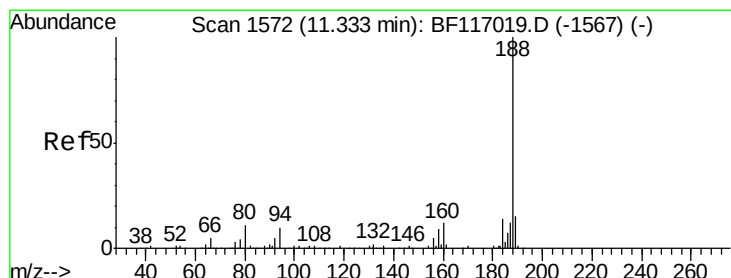
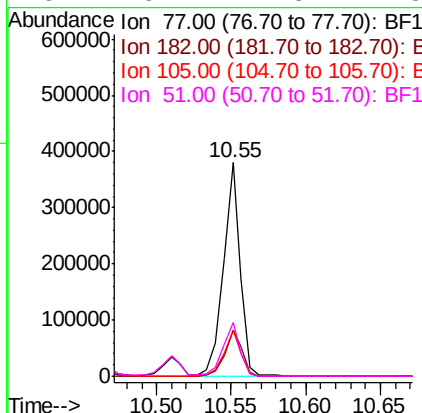
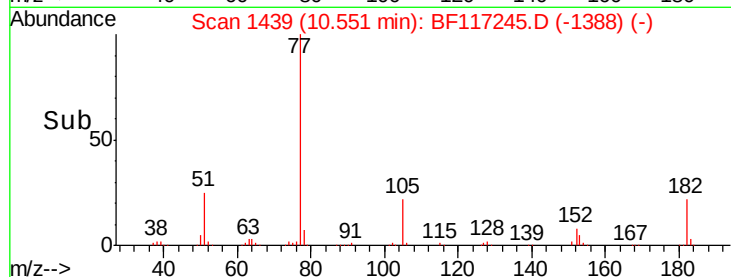
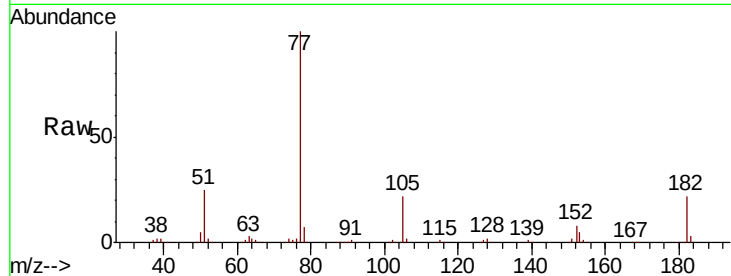
#63
Azobenzene
Concen: 49.281 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
77	100	303315		
182	21.5	0.4	40.4	
105	21.7	0.9	40.9	
51	25.1	2.8	42.8	

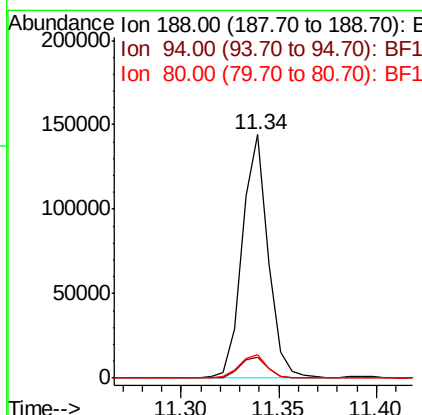
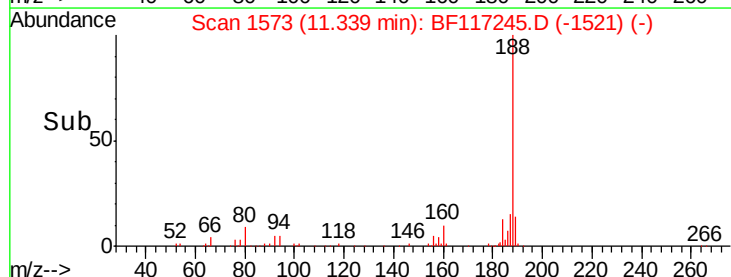
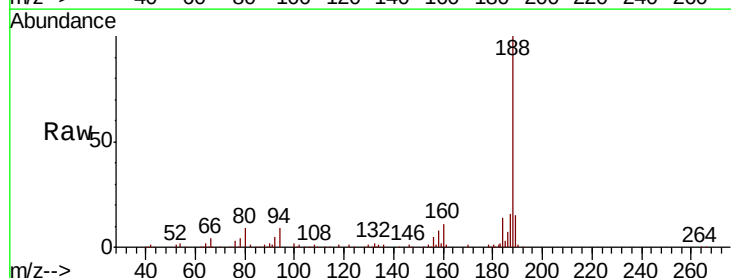
Manual Integrations
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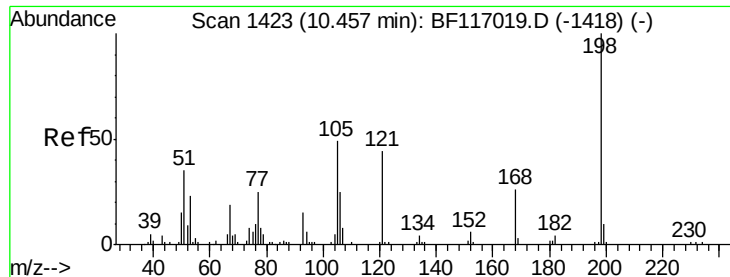
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	131939		
94	8.6	8.2	12.2	
80	9.4	9.0	13.6	





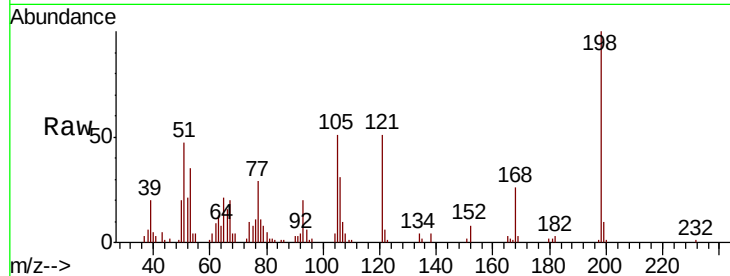
#65
4,6-Dinitro-2-methylphenol
Concen: 46.689 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.7	18.7	58.7
105	51.0	30.2	70.2

Manual Integrations
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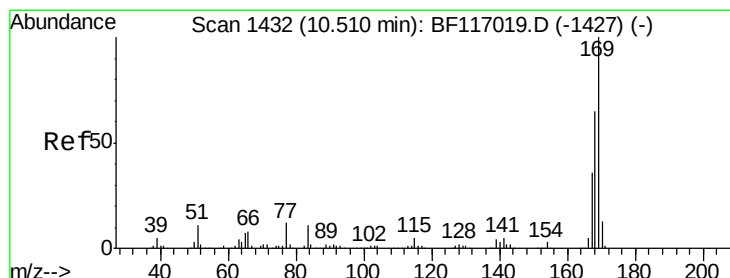
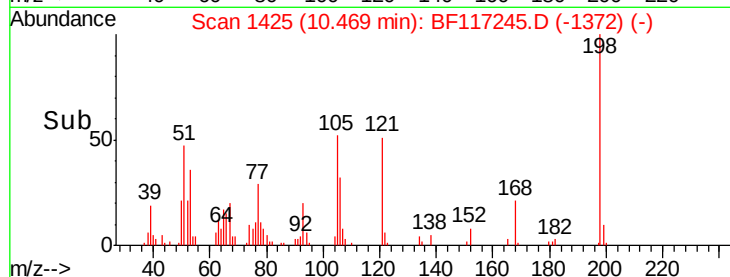
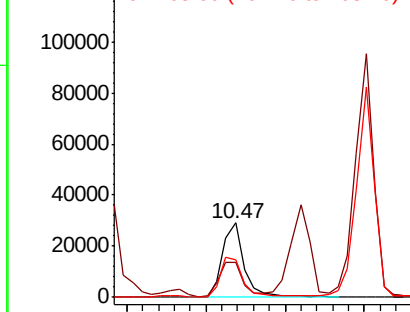


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 53.622 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

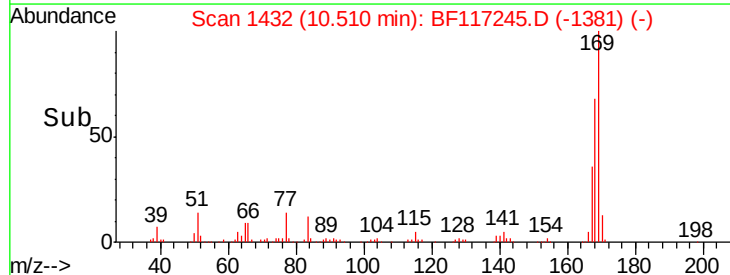
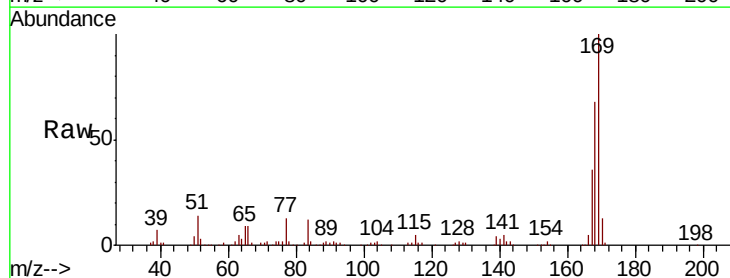
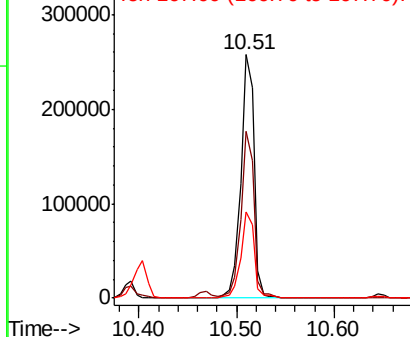
Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	52.2	78.2
167	35.6	28.8	43.2

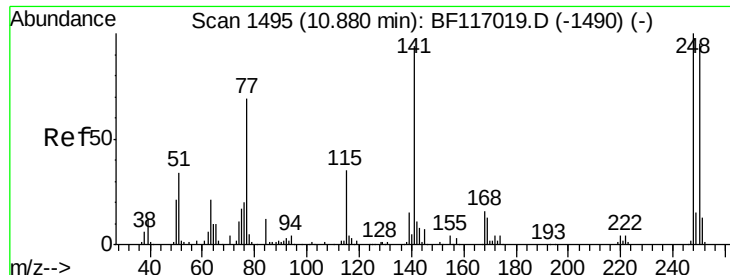
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





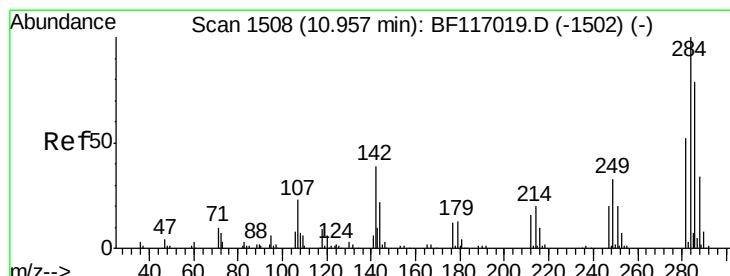
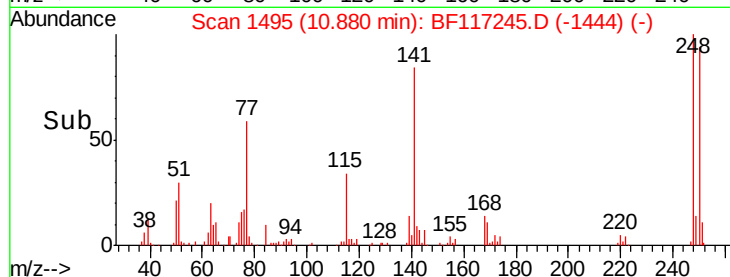
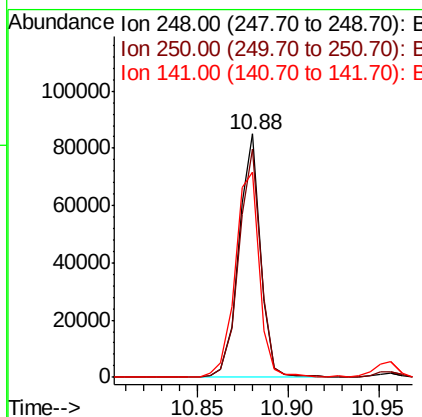
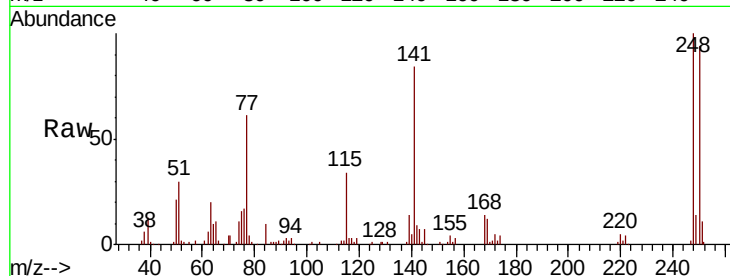
#67
 4-Bromophenyl-phenylether
 Concen: 52.403 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion:	248	Resp:	70608
Ion Ratio	Lower	Upper	
248	100		
250	93.8	76.2	114.4
141	84.5	75.0	112.4

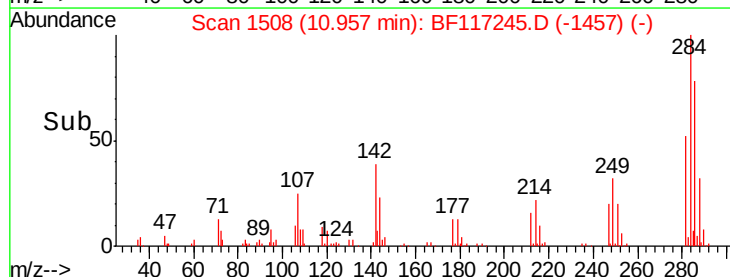
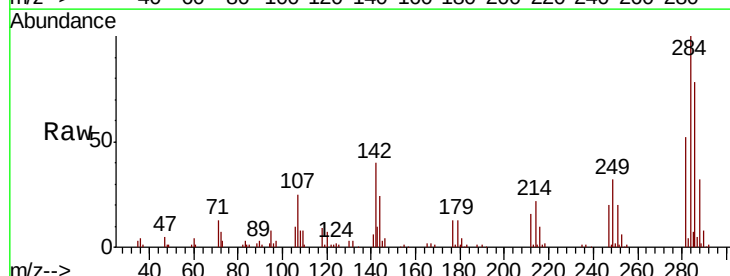
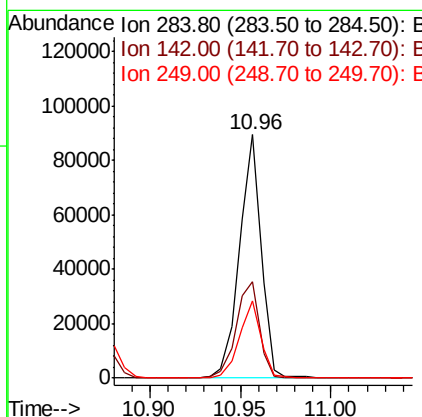
Manual Integrations
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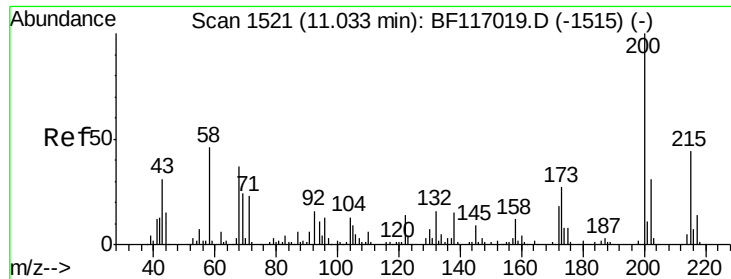
mohammad
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#68
 Hexachlorobenzene
 Concen: 50.608 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion:	284	Resp:	74584
Ion Ratio	Lower	Upper	
284	100		
142	39.8	31.4	47.2
249	31.7	26.5	39.7





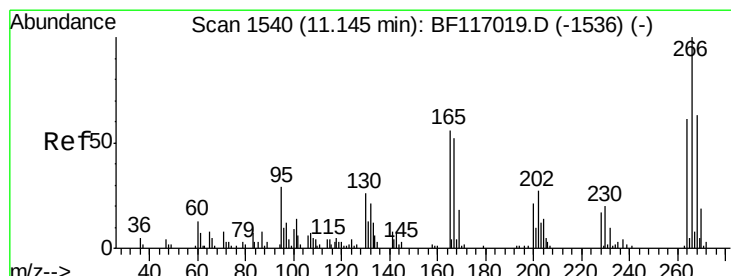
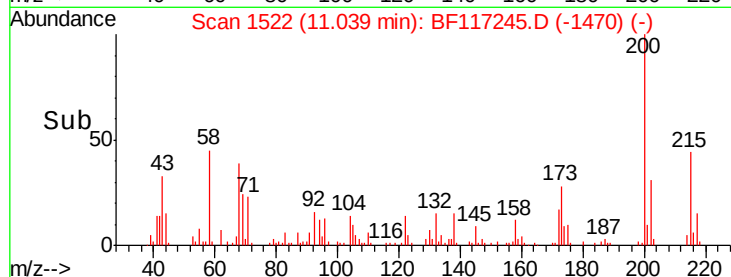
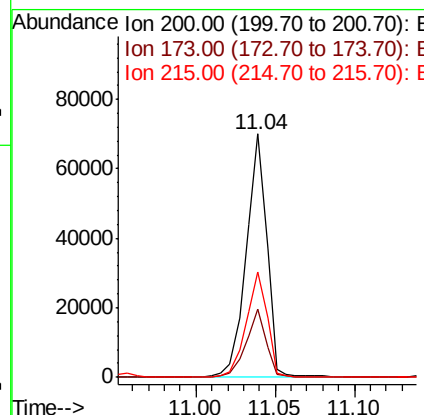
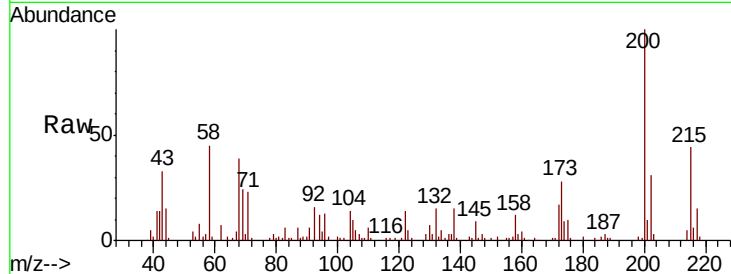
#69
Atrazine
Concen: 61.258 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.0	6.9	46.9
215	43.5	23.8	63.8

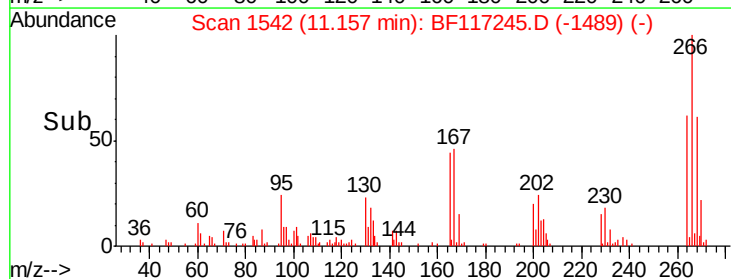
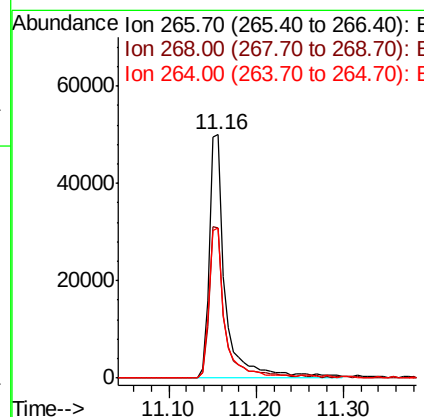
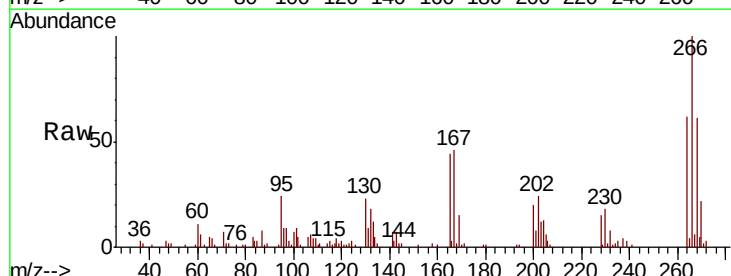
Manual Integrations
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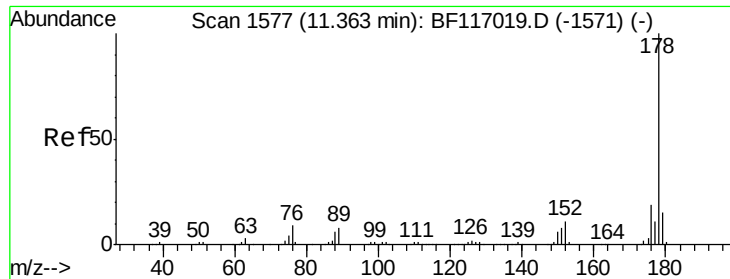
mohammad
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#70
Pentachlorophenol
Concen: 92.798 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.4	50.5	75.7
264	61.6	48.8	73.2





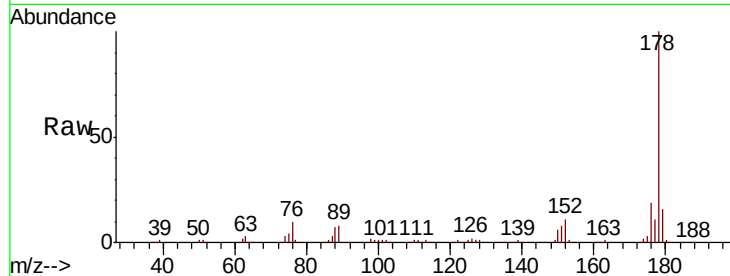
#71
Phenanthrene
Concen: 50.936 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		381720		
176	19.0	15.4		23.2	
179	15.6	12.4		18.6	

Manual Integrations
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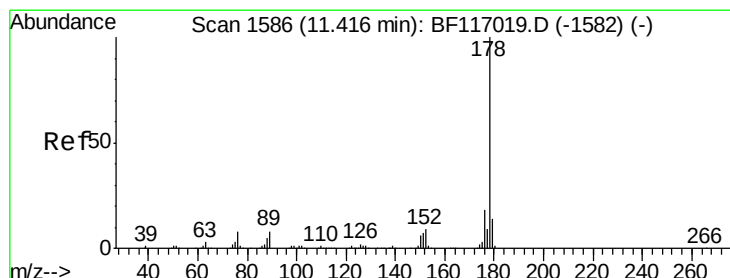
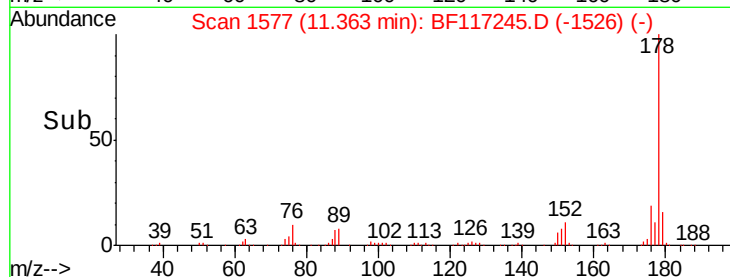
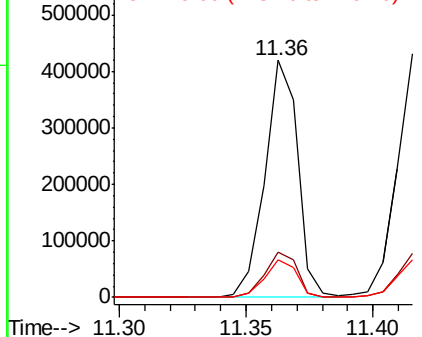


Abundance

Ion 178.00 (177.70 to 178.70): E

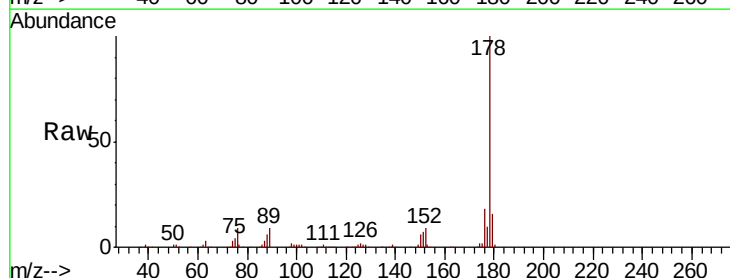
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 51.445 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		393600		
176	18.1	14.6		21.8	
179	15.5	11.6		17.4	

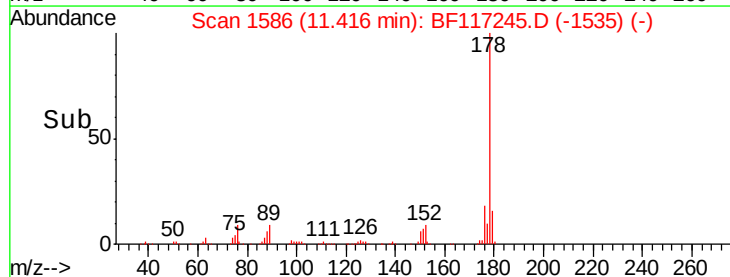
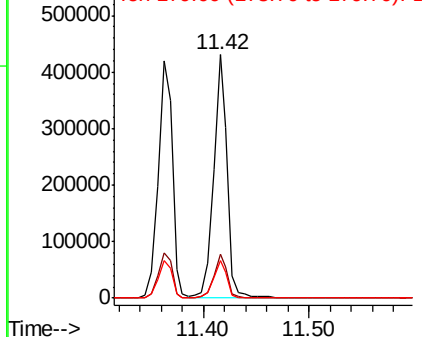


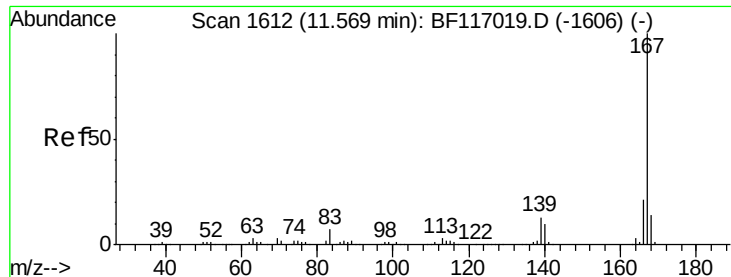
Abundance

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





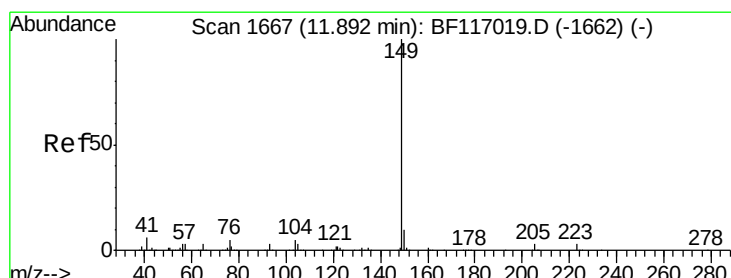
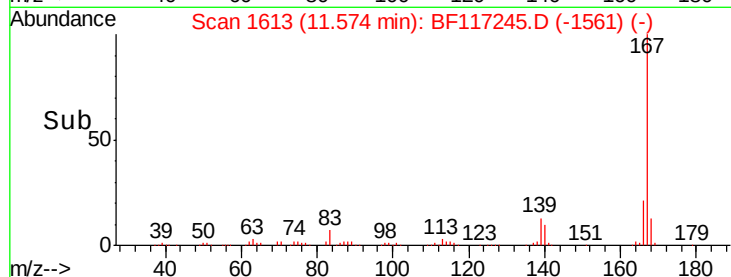
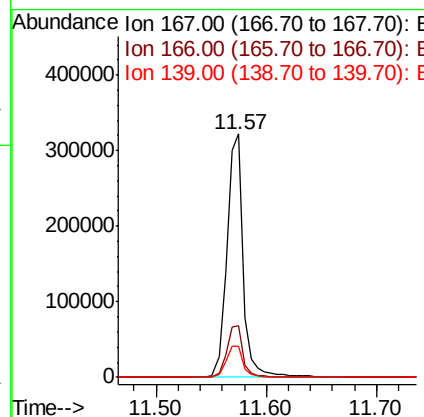
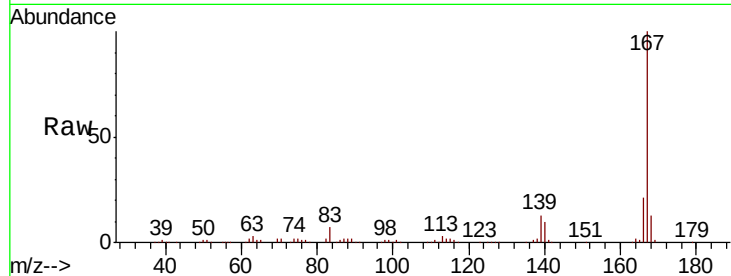
#73
 Carbazole
 Concen: 45.581 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.7	10.6	16.0

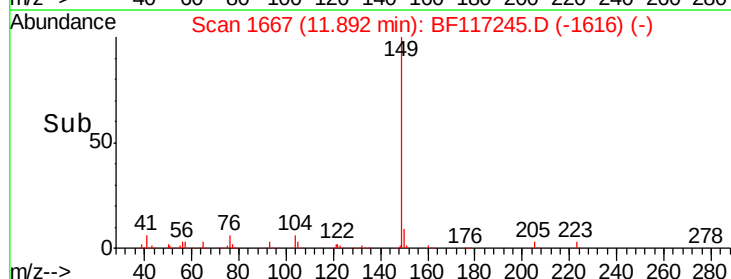
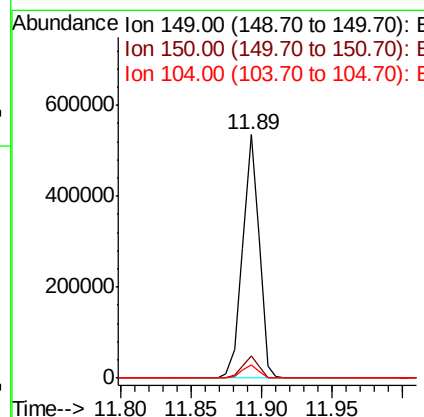
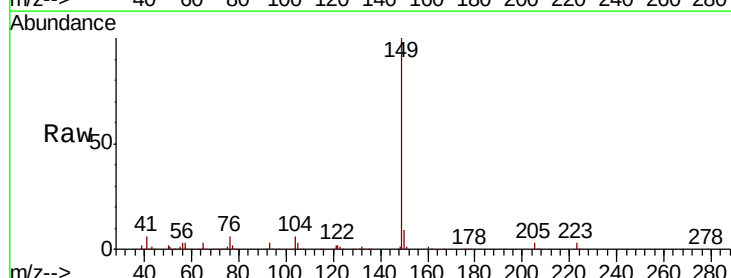
Manual Integrations
 APPROVED

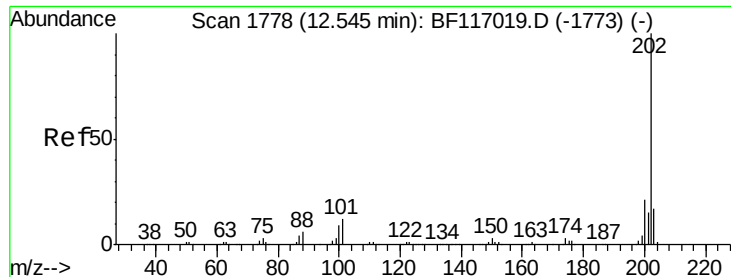
mohammad
 9/26/2019 3:53:41 PM



#74
 Di-n-butylphthalate
 Concen: 50.886 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	5.5	4.2	6.4





#75

Fluoranthene

Concen: 48.161 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Instrument :

BNA_F

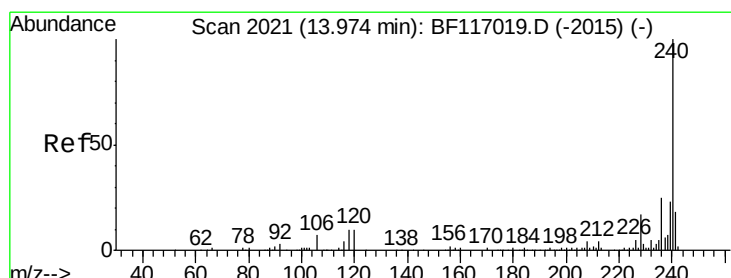
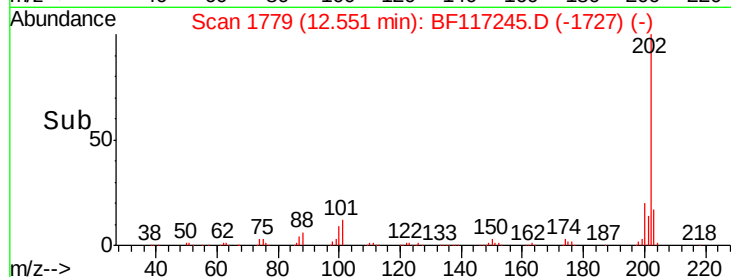
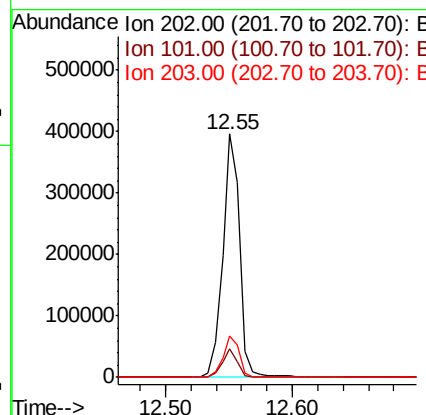
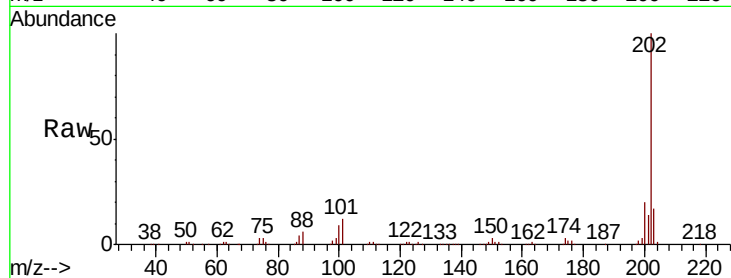
ClientSampleId :

RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
202	100	370847		
101	11.5	0.0	32.3	
203	17.2	0.0	37.1	

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#76

Chrysene-d12

Concen: 20.000 ng

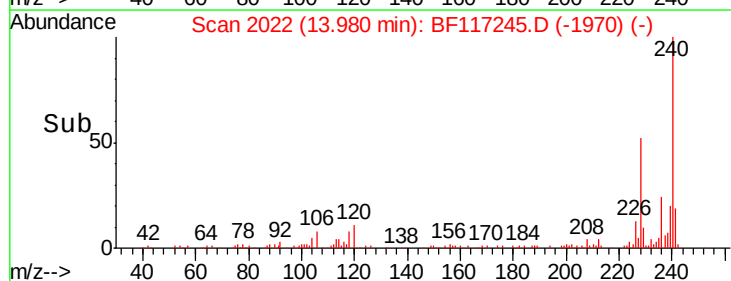
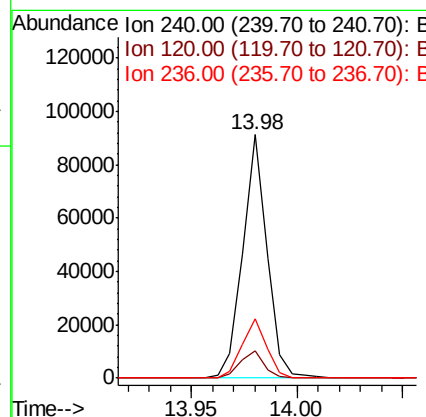
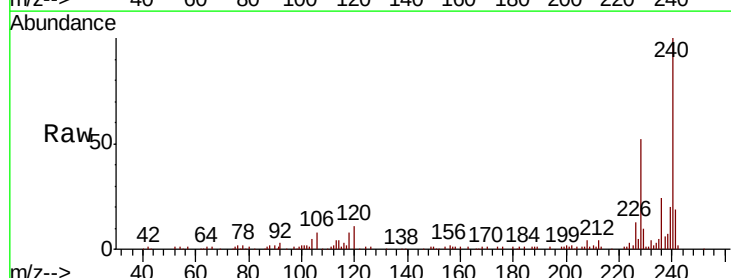
RT: 13.98 min Scan# 2022

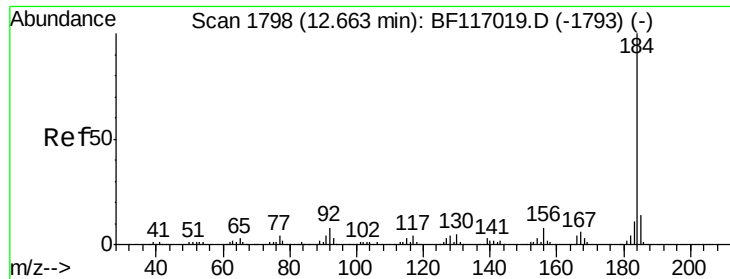
Delta R.T. 0.01 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	72251		
120	11.0	8.3	12.5	
236	24.2	20.3	30.5	





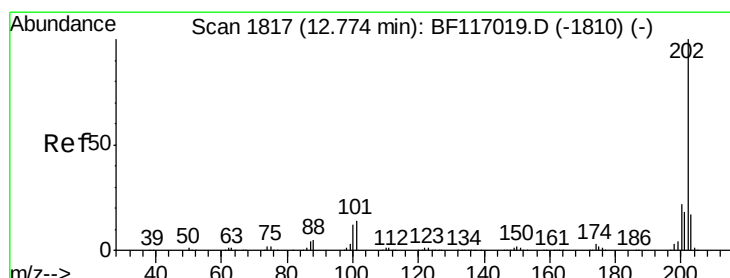
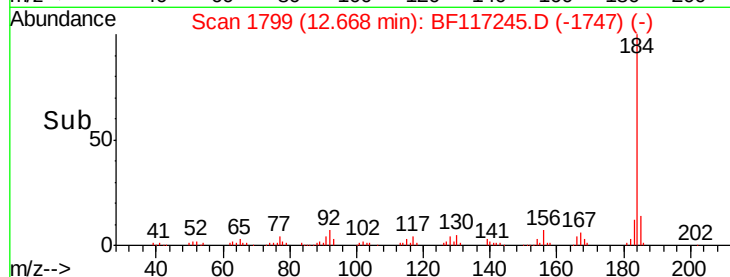
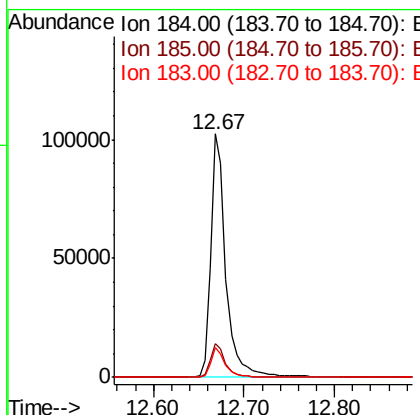
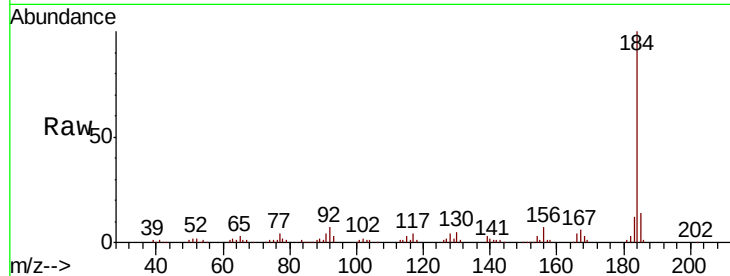
#77
Benzidine
Concen: 51.551 ng
RT: 12.67 min Scan# 1799
Delta R.T. 0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.6		11.6	17.4
183	12.3		9.0	13.4

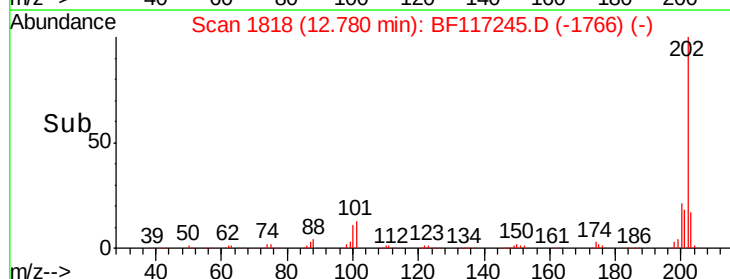
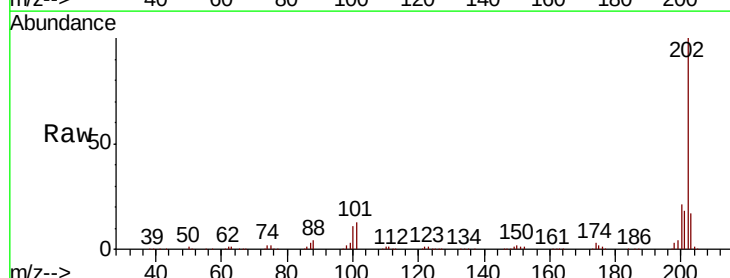
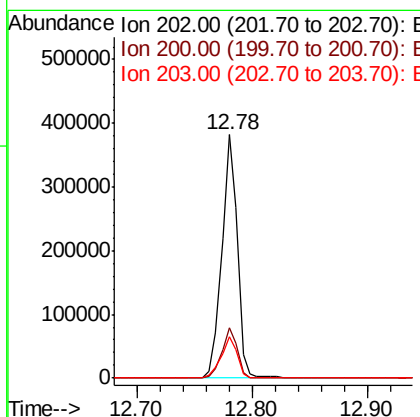
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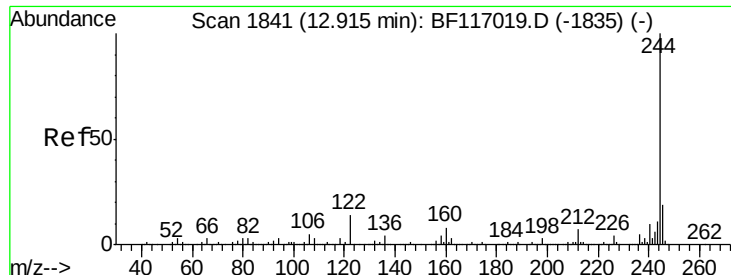
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#78
Pyrene
Concen: 58.957 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.9		17.2	25.8
203	17.2		14.0	21.0





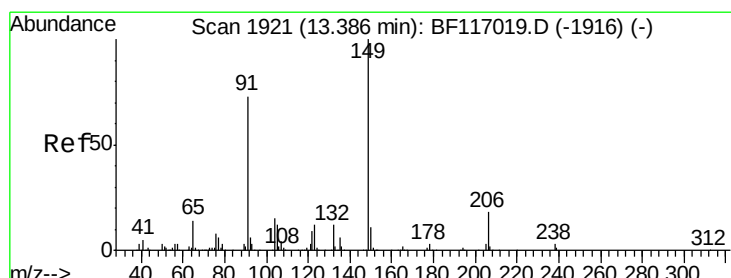
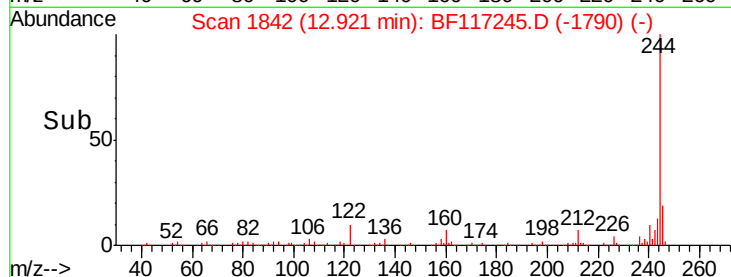
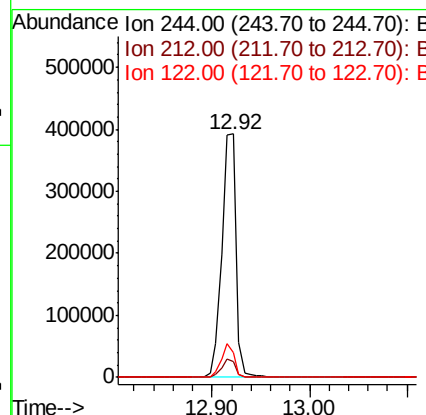
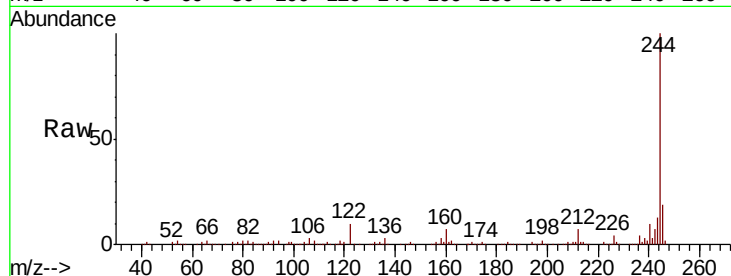
#79
 Terphenyl-d14
 Concen: 102.389 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	5.8	8.8	
122	10.3	11.3	16.9	

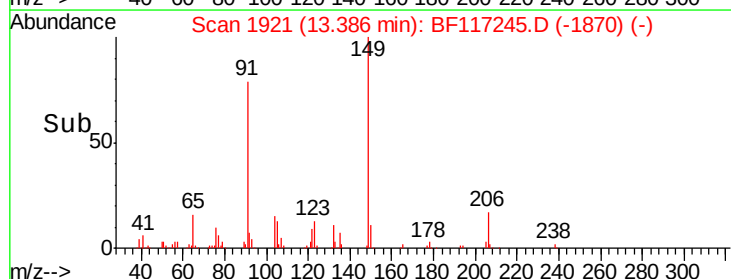
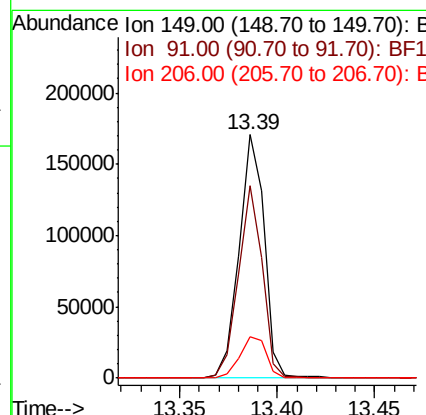
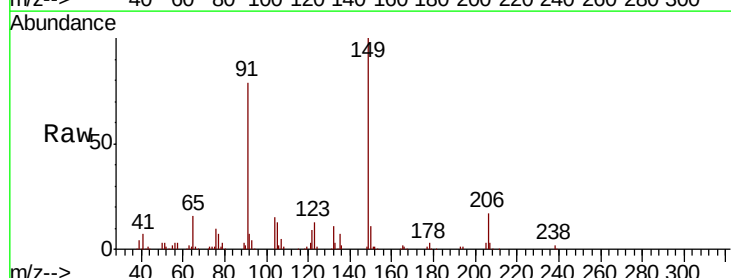
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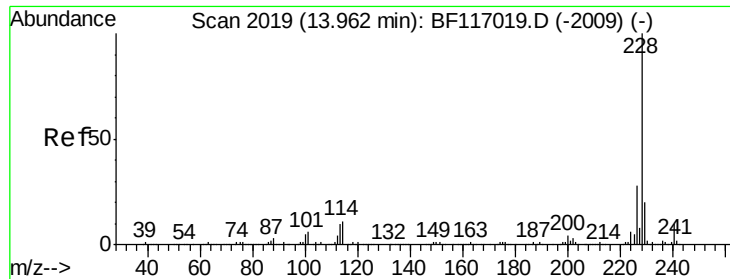
mohammad
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#80
 Butylbenzylphthalate
 Concen: 53.205 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	79.3	58.8	88.2	
206	17.3	14.1	21.1	





#81

Benzo(a)anthracene

Concen: 51.302 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Instrument :

BNA_F

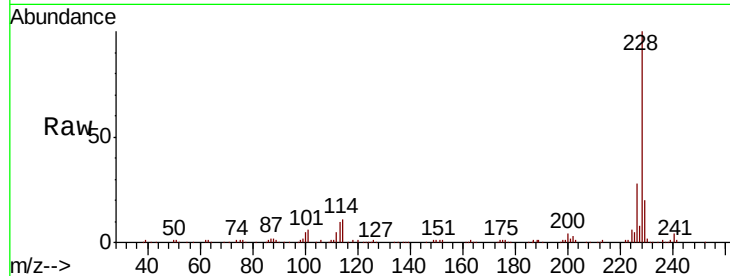
ClientSampleId :

RT-1488-RBR200031-RBR200036M

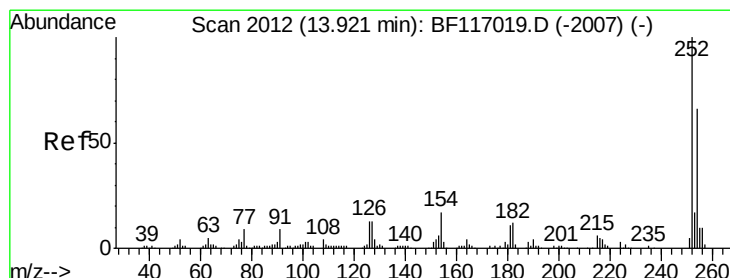
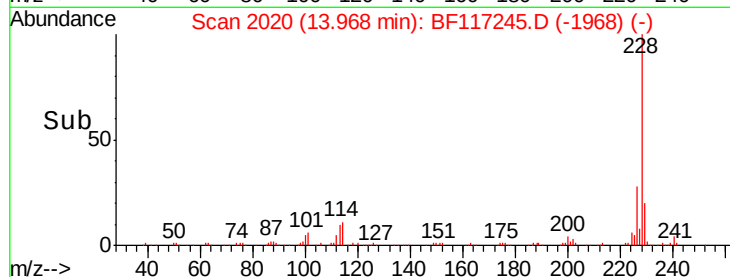
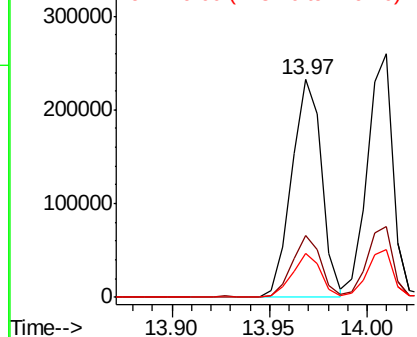
Tot Ion:	228	Resp:	247644
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.3	33.5
229	19.9	15.9	23.9

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



#82

3,3'-Dichlorobenzidine

Concen: 35.903 ng

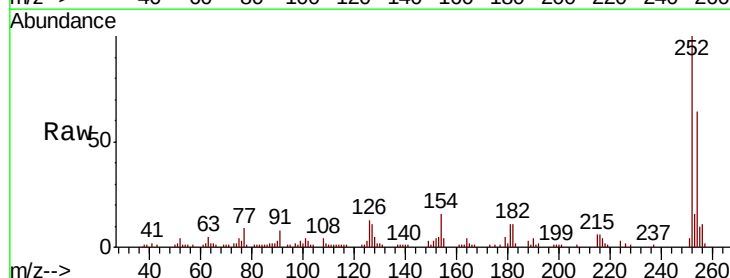
RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

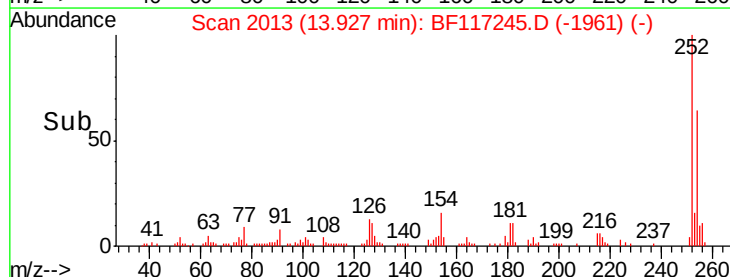
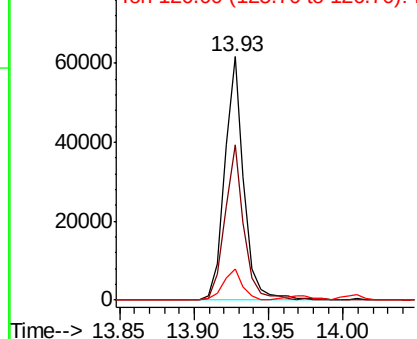
Lab File: BF117245.D

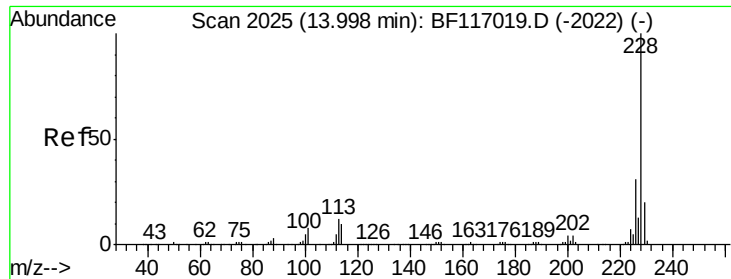
Acq: 25 Sep 2019 17:31

Tgt Ion:	252	Resp:	55849
Ion Ratio	Lower	Upper	
252	100		
254	63.6	52.6	79.0
126	12.6	10.4	15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





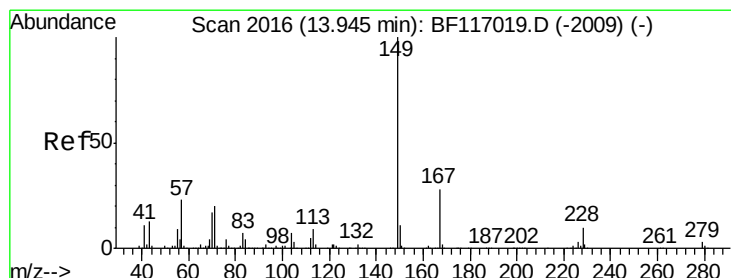
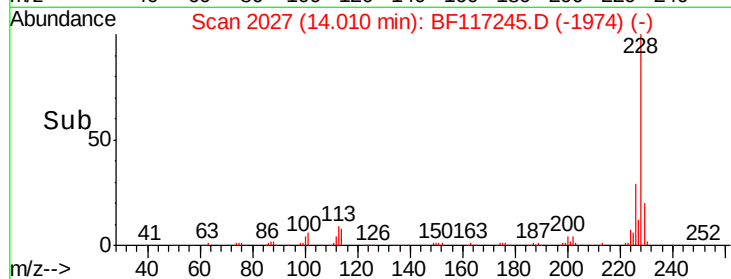
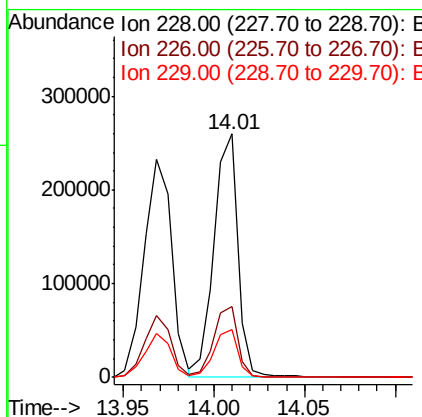
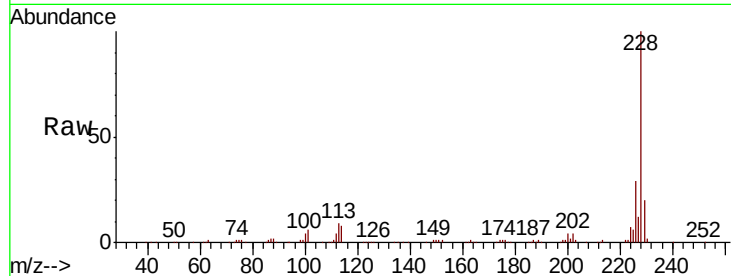
#83
 Chrysene
 Concen: 50.668 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Resp	Lower	Upper
228	100	238547		
226	29.1		24.8	37.2
229	19.6		15.8	23.8

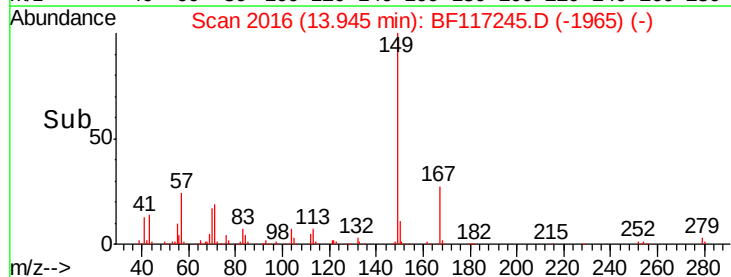
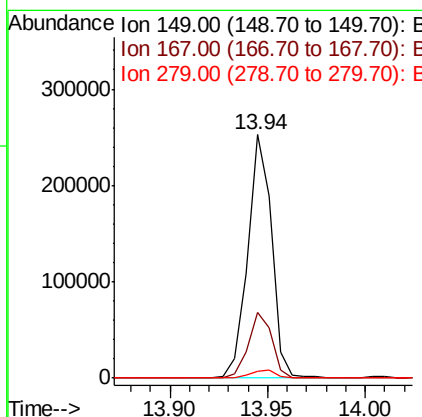
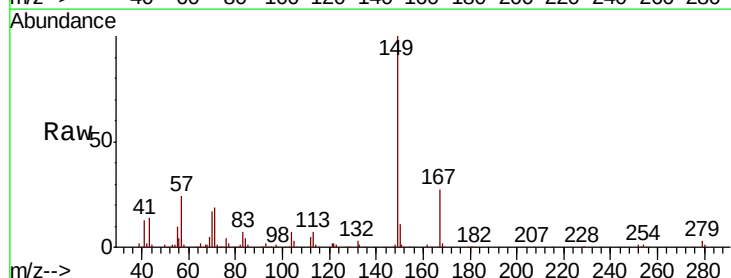
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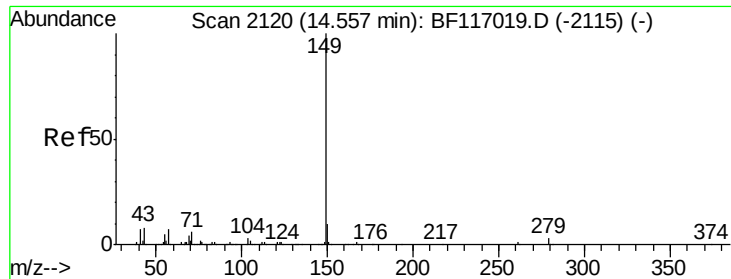
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.838 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF117245.D
 Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	213622		
167	26.8		22.2	33.2
279	2.9		2.8	4.2





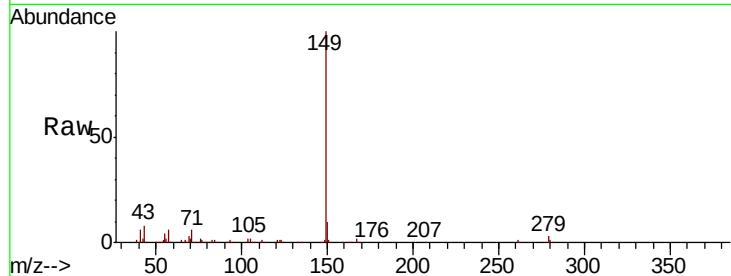
#85
Di-n-octyl phthalate
Concen: 57.794 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

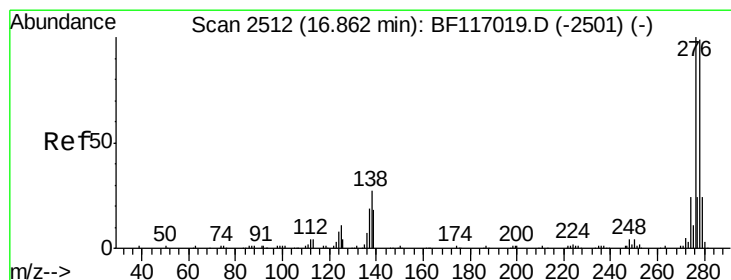
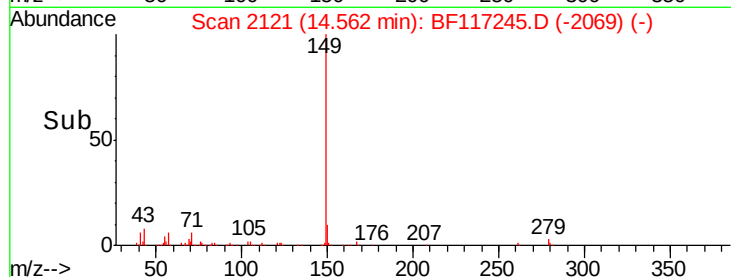
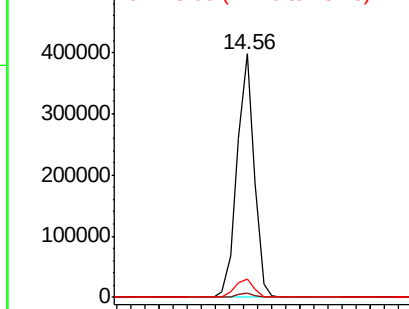
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	8.0	6.2	9.4	

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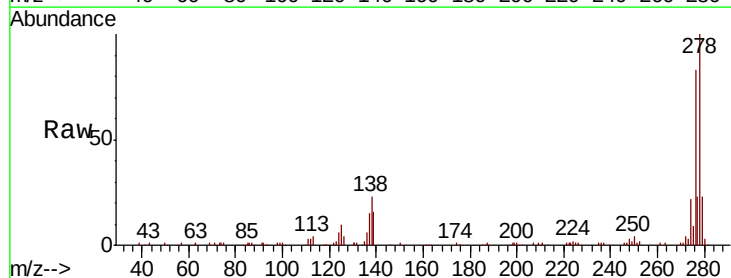


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

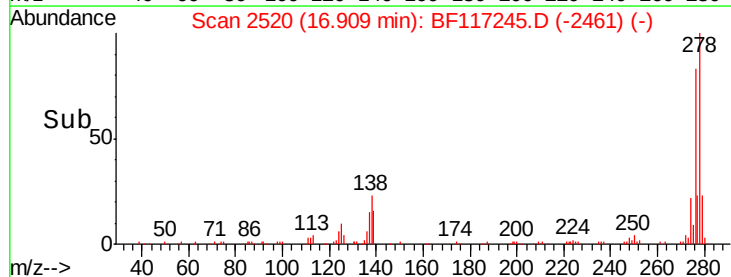
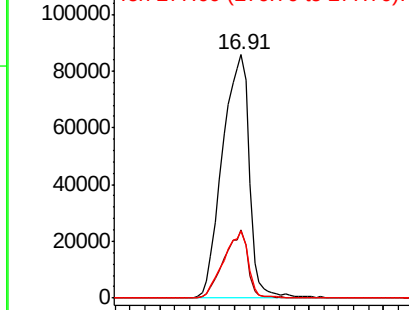


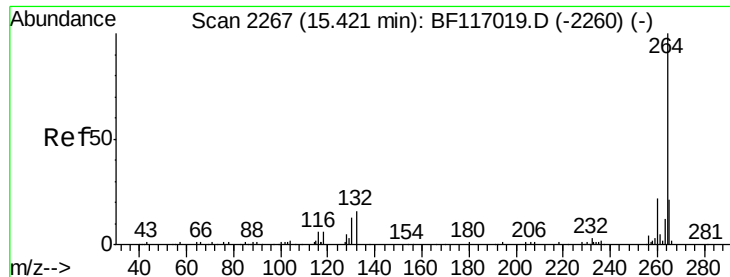
#86
Indeno(1,2,3-cd)pyrene
Concen: 62.770 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.05 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.7	20.7	31.1	
277	25.2	19.8	29.8	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





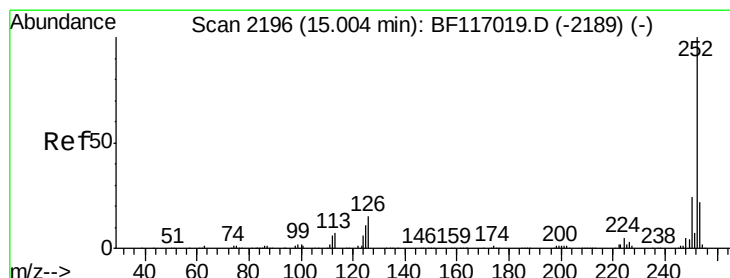
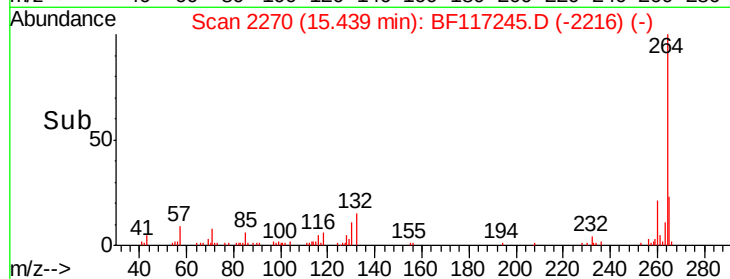
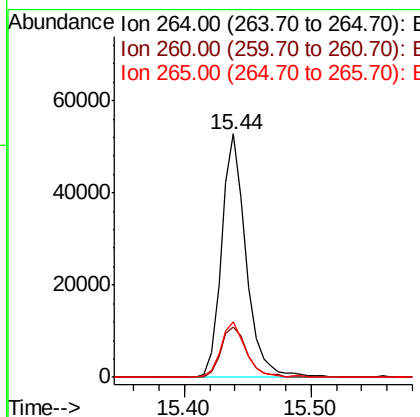
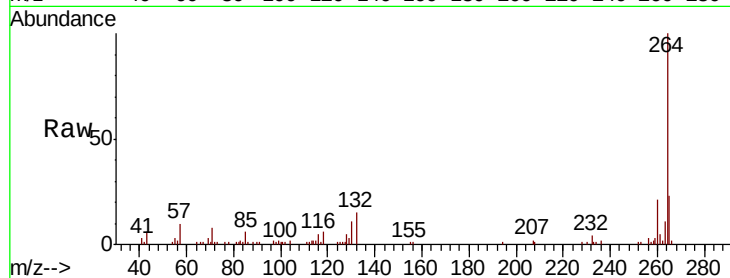
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.7	17.6	26.4
265	23.0	16.6	24.8

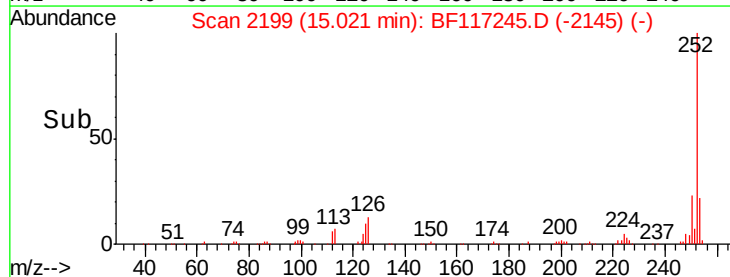
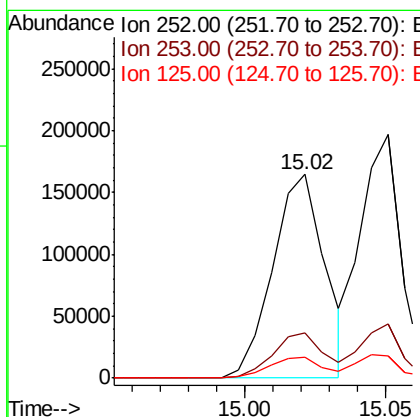
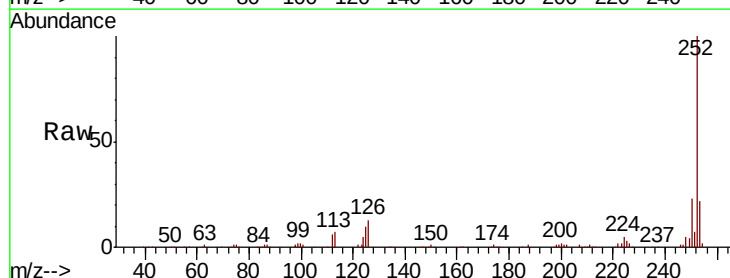
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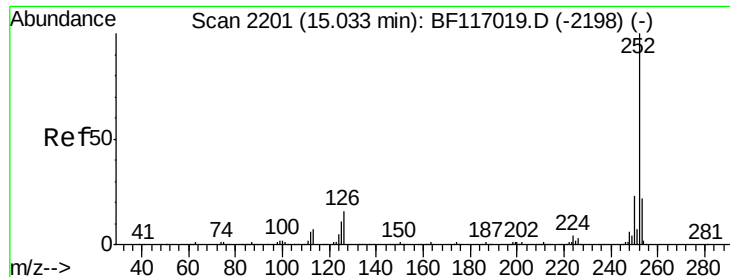
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#88
Benzo(b)fluoranthene
Concen: 49.523 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	10.3	8.6	12.8





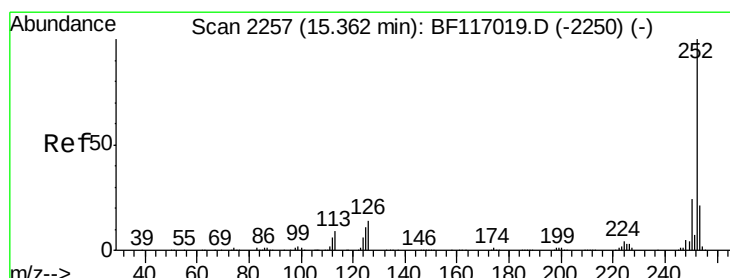
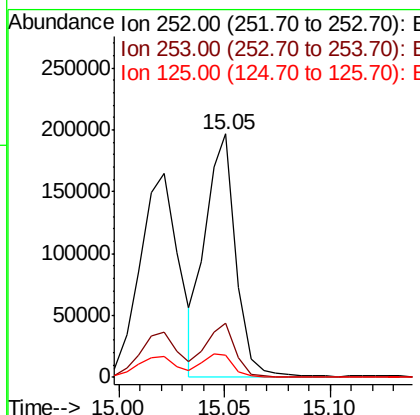
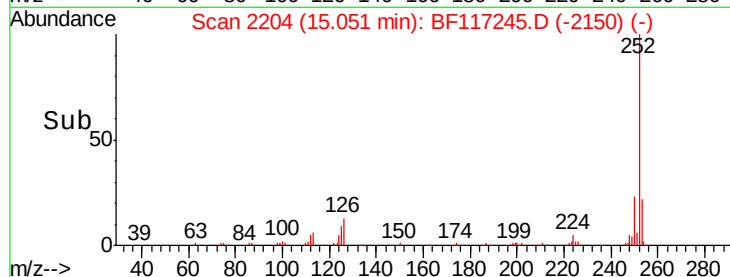
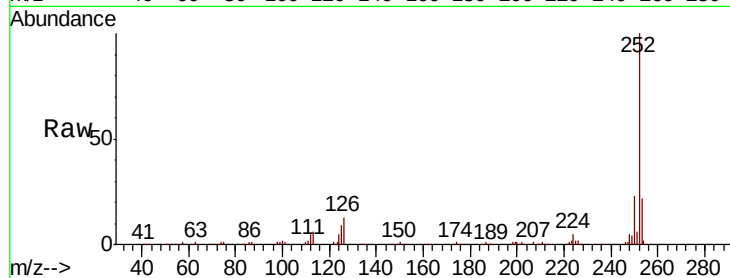
#89
Benzo(k)fluoranthene
Concen: 48.740 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Instrument :
BNA_F
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.1	8.8	13.2

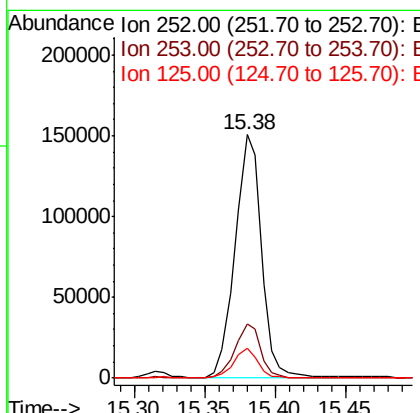
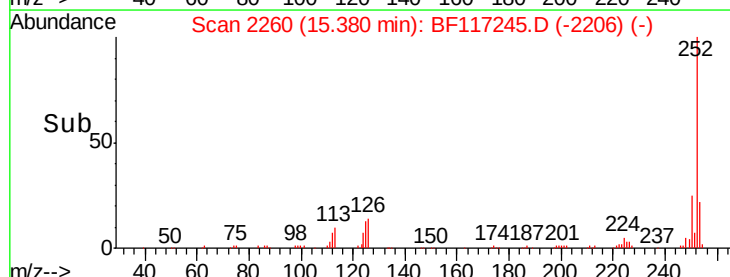
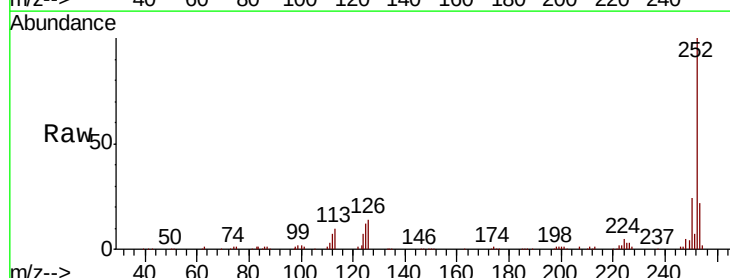
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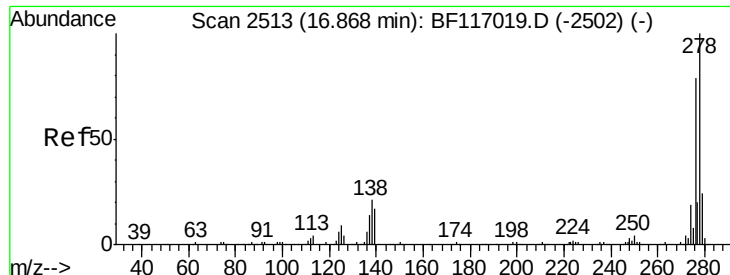
mohammad
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#90
Benzo(a)pyrene
Concen: 52.893 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.02 min
Lab File: BF117245.D
Acq: 25 Sep 2019 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.6	25.0
125	12.1	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 60.941 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.04 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Instrument :

BNA_F

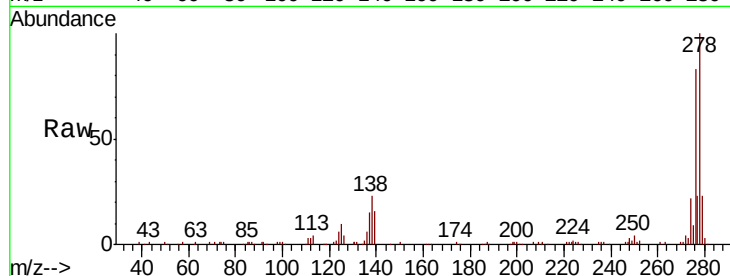
ClientSampleId :

RT-1488-RBR200031-RBR200036M

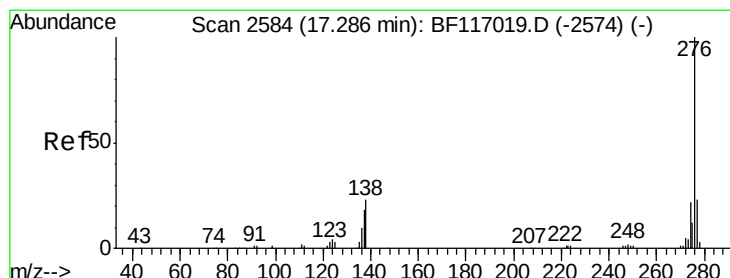
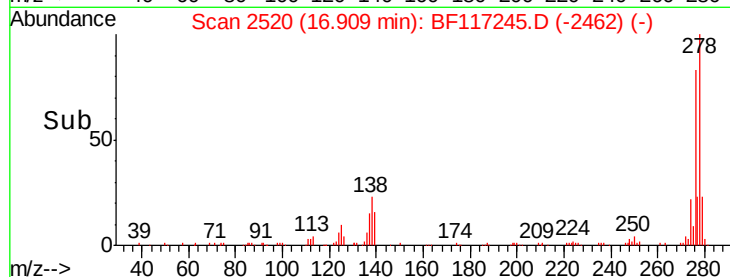
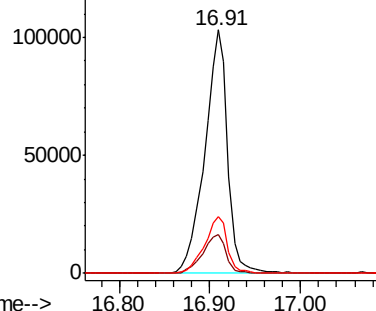
Tot Ion:	278	Resp:	181410
Ion Ratio	Lower	Upper	
278	100		
139	15.9	13.5	20.3
279	23.4	18.8	28.2

Manual Integrations
APPROVED

mohammad
9/26/2019 3:53:41 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 59.084 ng

RT: 17.34 min Scan# 2593

Delta R.T. 0.05 min

Lab File: BF117245.D

Acq: 25 Sep 2019 17:31

Tgt Ion:	276	Resp:	175265
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.6	27.8
138	18.9	18.0	27.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

