

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116669.D
 Acq On : 31 Aug 2019 00:09
 Operator : HP/JU
 Sample : K4568-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPMSD

Manual Integrations
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mohammad
 8/31/2019 2:45:28 PM

Quant Time: Aug 31 04:33:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108288	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	423554	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	220796	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	372981	20.00	ng	0.00
76) Chrysene-d12	14.00	240	284539	20.00	ng	0.00
87) Perylene-d12	15.45	264	297012	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	894989	133.90	ng	0.00
7) Phenol-d6	6.48	99	1239314	141.20	ng	0.00
23) Nitrobenzene-d5	7.41	82	772047	104.06	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	236367	160.13	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1277664	97.61	ng	0.00
79) Terphenyl-d14	12.95	244	1337396	86.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	117546	38.095	ng	99
3) Pyridine	3.36	79	310678	34.775	ng	95
4) n-Nitrosodimethylamine	3.29	42	134816	43.945	ng	81
6) Aniline	6.51	93	420420	34.584	ng	98
8) 2-Chlorophenol	6.63	128	342070	46.880	ng	95
9) Benzaldehyde	6.39	77	253527	43.844	ng	99
10) Phenol	6.49	94	482765	49.672	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	341240	45.091	ng	96
12) 1,3-Dichlorobenzene	6.79	146	349237	42.348	ng	96
13) 1,4-Dichlorobenzene	6.86	146	358980	43.723	ng	99
14) 1,2-Dichlorobenzene	7.02	146	335022	44.031	ng	97
15) Benzyl Alcohol	6.99	79	340615	47.808	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	377621	42.530	ng	97
17) 2-Methylphenol	7.10	107	304698	47.702	ng	98
18) Hexachloroethane	7.36	117	135432	42.457	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	261122	45.184	ng	91
20) 3+4-Methylphenols	7.25	107	361399	48.661	ng	# 86
22) Acetophenone	7.26	105	493252	48.372	ng	# 92
24) Nitrobenzene	7.43	77	390074	51.694	ng	96
25) Isophorone	7.67	82	729070	48.494	ng	99
26) 2-Nitrophenol	7.75	139	166139	59.221	ng	92
27) 2,4-Dimethylphenol	7.78	122	326775	57.675	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	437318	47.600	ng	99
29) 2,4-Dichlorophenol	7.99	162	287111	52.730	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	273784	46.358	ng	98
31) Naphthalene	8.15	128	995245	49.415	ng	98
32) Benzoic acid	7.90	122	159654	49.906	ng	96
33) 4-Chloroaniline	8.19	127	134399	14.660	ng	96
34) Hexachlorobutadiene	8.27	225	146437	45.475	ng	99
35) Caprolactam	8.56	113	112582m	55.248	ng	
36) 4-Chloro-3-methylphenol	8.68	107	342871	54.788	ng	98
37) 2-Methylnaphthalene	8.85	142	676817	50.507	ng	97
38) 1-Methylnaphthalene	8.95	142	641015	50.673	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	239063	45.167	ng	# 96

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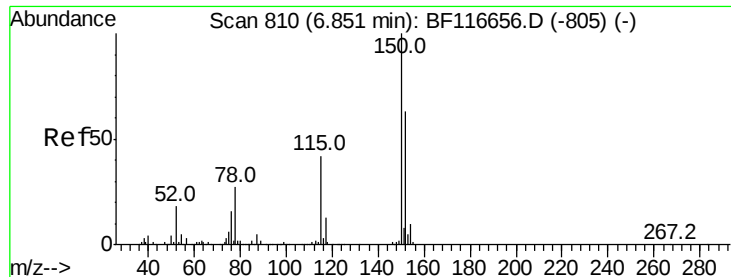
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	279543	91.459	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	183708	50.633	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	200958	53.350	nq	94
46) 1,1'-Biphenyl	9.30	154	802049	47.871	nq	98
47) 2-Chloronaphthalene	9.33	162	633944	47.773	nq	97
48) 2-Nitroaniline	9.42	65	211183	55.047	nq	99
49) Acenaphthylene	9.75	152	1015500	50.625	nq	100
50) Dimethylphthalate	9.61	163	921728	60.466	nq	98
51) 2,6-Dinitrotoluene	9.66	165	166142	57.125	nq	97
52) Acenaphthene	9.92	154	651817	52.885	nq	99
53) 3-Nitroaniline	9.83	138	112681	30.916	nq	92
54) 2,4-Dinitrophenol	9.94	184	109859	103.465	nq	89
55) Dibenzofuran	10.09	168	881513	50.735	nq	99
56) 4-Nitrophenol	9.99	139	312498	125.041	nq	92
57) 2,4-Dinitrotoluene	10.07	165	227679	64.022	nq	98
58) Fluorene	10.43	166	683124	51.599	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	149611	55.034	nq	# 93
60) Diethylphthalate	10.30	149	762613	49.943	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	285428	49.234	nq	90
62) 4-Nitroaniline	10.45	138	208734	59.012	nq	94
63) Azobenzene	10.58	77	818700	51.420	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	85309	59.914	nq	81
66) n-Nitrosodiphenylamine	10.54	169	641376	49.709	nq	97
67) 4-Bromophenyl-phenylether	10.91	248	175088	46.210	nq	95
68) Hexachlorobenzene	10.98	284	182592	46.059	nq	93
69) Atrazine	11.06	200	183164	50.686	nq	98
70) Pentachlorophenol	11.17	266	197120	102.790	nq	98
71) Phenanthrene	11.39	178	1042492	50.210	nq	98
72) Anthracene	11.44	178	1061929	50.809	nq	100
73) Carbazole	11.59	167	1046774	52.578	nq	100
74) Di-n-butylphthalate	11.93	149	1262312	49.458	nq	99
75) Fluoranthene	12.57	202	1096473	53.737	nq	98
77) Benzidine	12.69	184	511119	45.798	nq	100
78) Pyrene	12.80	202	1121655	44.345	nq	98
80) Butylbenzylphthalate	13.42	149	571080	46.428	nq	98
81) Benzo(a)anthracene	13.99	228	850166	47.209	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	222390	36.542	nq	97
83) Chrysene	14.03	228	896978	48.347	nq	98
84) Bis(2-ethylhexyl)phthalate	13.98	149	739486	48.703	nq	99
85) Di-n-octyl phthalate	14.59	149	1363980	54.894	nq	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	873933	58.644	nq	# 93
88) Benzo(b)fluoranthene	15.03	252	883603m	49.207	nq	
89) Benzo(k)fluoranthene	15.06	252	790540	48.284	nq	98
90) Benzo(a)pyrene	15.39	252	806922	51.651	nq	97
91) Dibenzo(a,h)anthracene	16.92	278	703220	51.425	nq	# 96
92) Benzo(g,h,i)perylene	17.34	276	742780	53.260	nq	# 94

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



#1

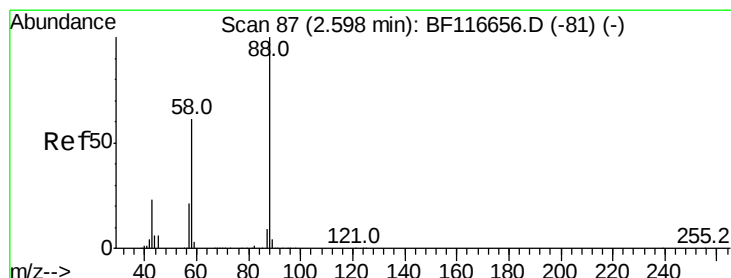
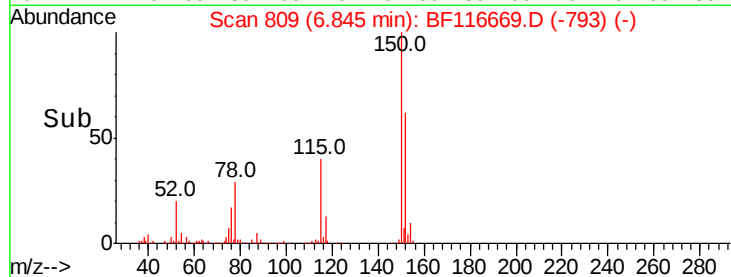
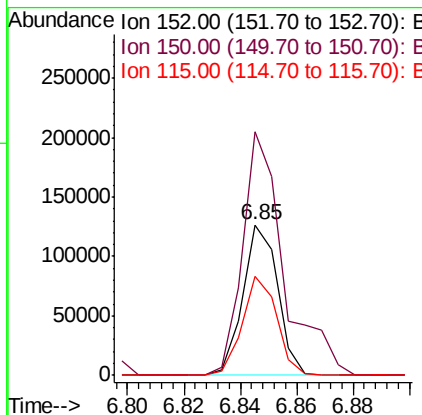
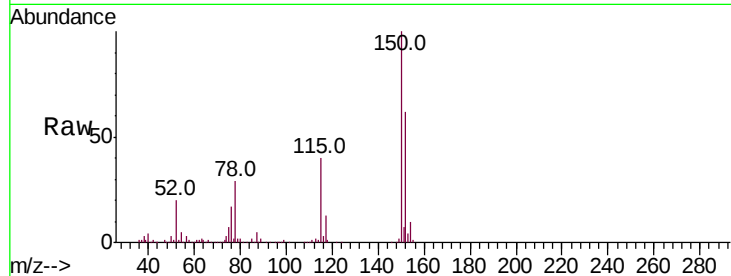
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.4	186.6
115	65.4	49.9	74.9

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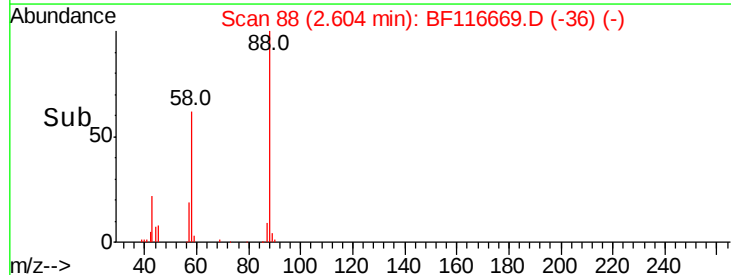
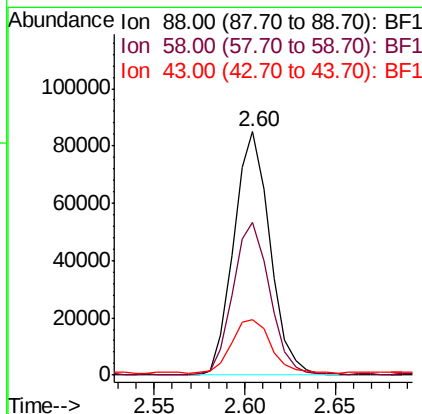
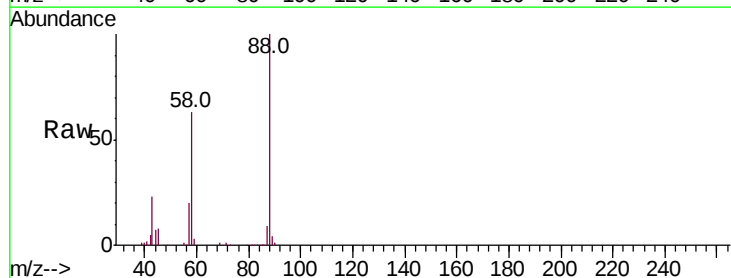
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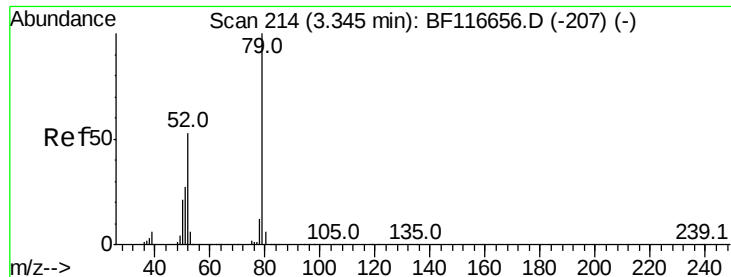


#2

1,4-Dioxane
Concen: 38.095 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.9	51.7	77.5
43	23.9	19.8	29.8





#3

Pvridine

Concen: 34.775 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.01 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

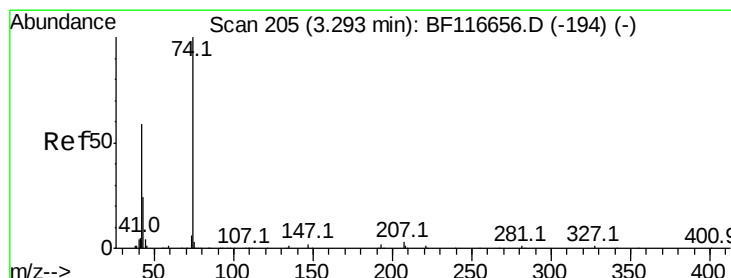
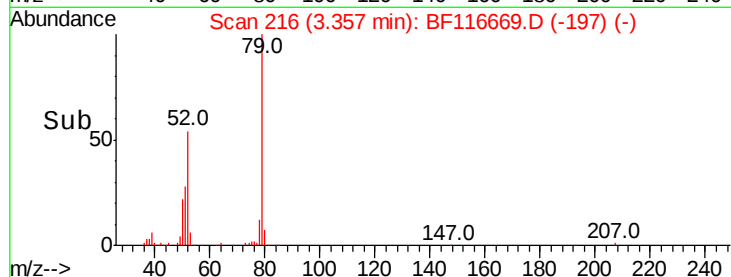
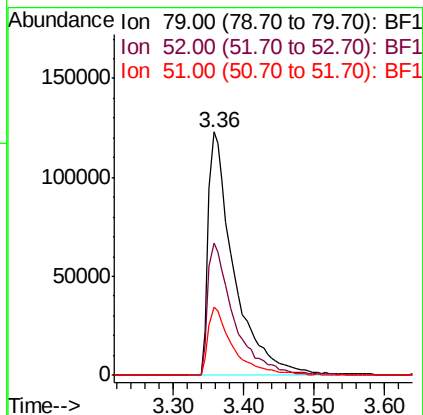
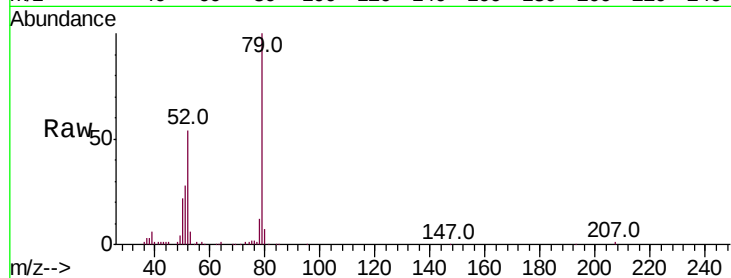
ClientSampleId :

SB-12-COMPMSD

Tot Ion:	79	Resp:	310678
Ion Ratio	Lower	Upper	
79	100		
52	54.4	47.4	71.0
51	28.3	24.1	36.1

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#4

n-Nitrosodimethylamine

Concen: 43.945 ng

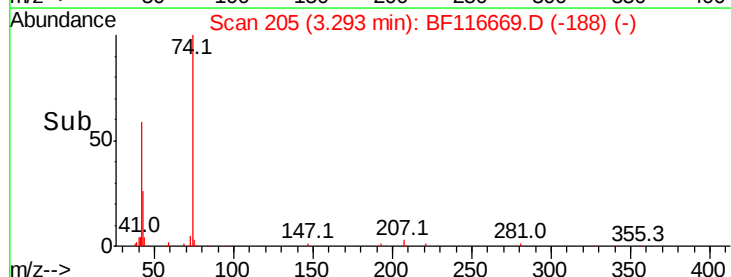
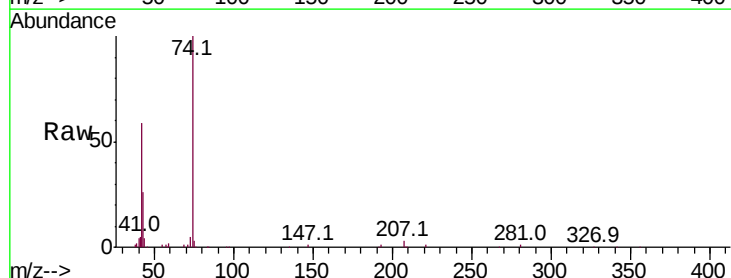
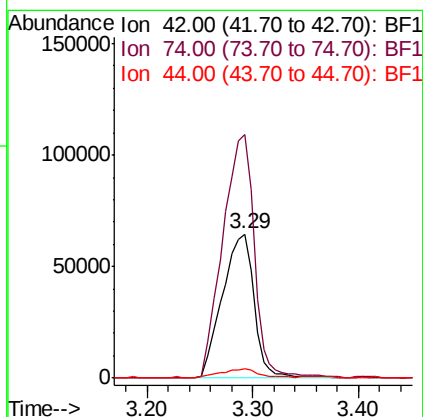
RT: 3.29 min Scan# 205

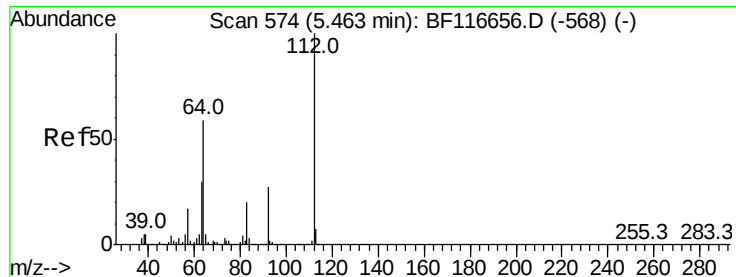
Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion:	42	Resp:	134816
Ion Ratio	Lower	Upper	
42	100		
74	168.8	115.6	173.4
44	6.7	4.6	7.0





#5

2-Fluorophenol

Concen: 133.896 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

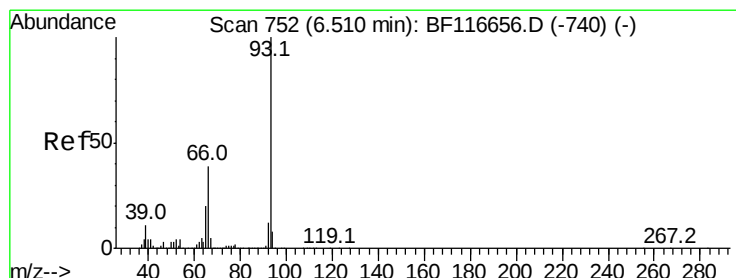
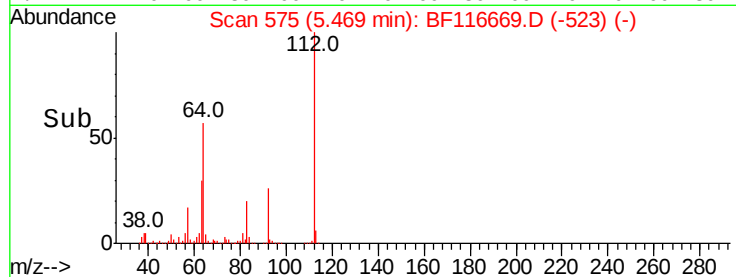
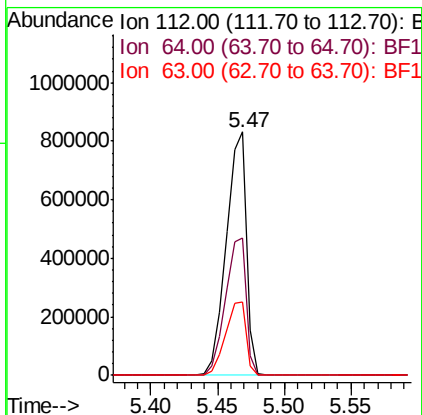
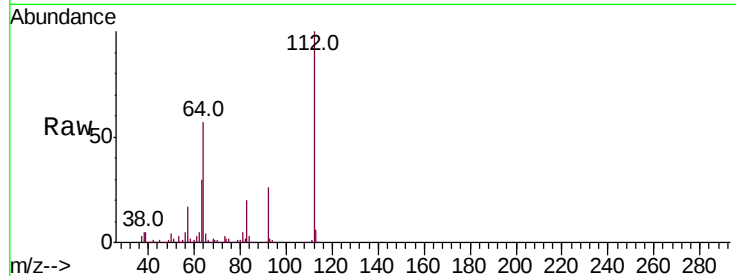
ClientSampleId :

SB-12-COMPMSD

Tot Ion:	112	Resp:	894989
Ion Ratio	Lower	Upper	
112	100		
64	56.6	47.1	70.7
63	30.3	24.9	37.3

Manual Integrations
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#6

Aniline

Concen: 34.584 ng

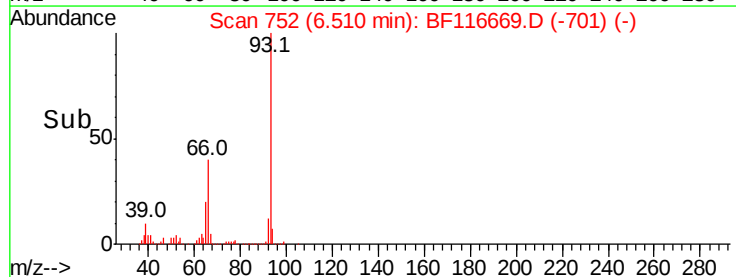
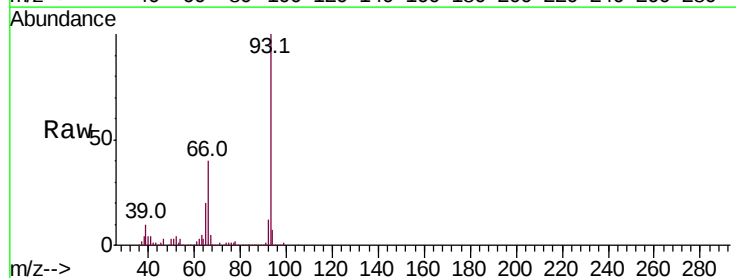
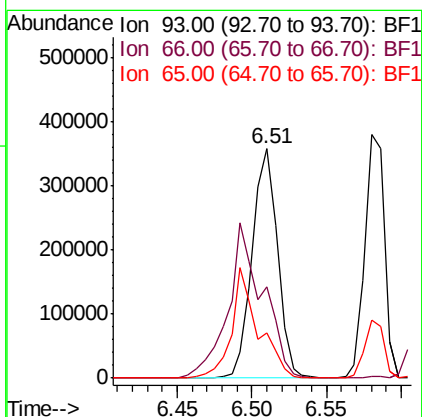
RT: 6.51 min Scan# 752

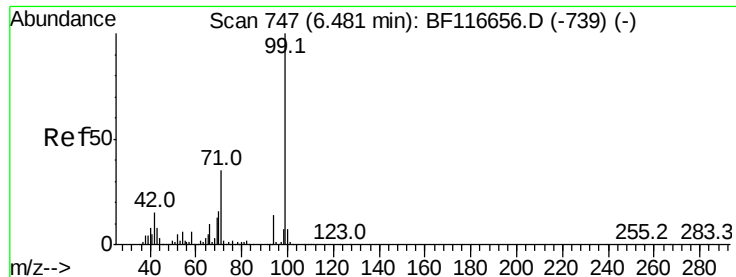
Delta R.T. -0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion:	93	Resp:	420420
Ion Ratio	Lower	Upper	
93	100		
66	39.7	32.7	49.1
65	19.9	16.3	24.5





#7

Phenol-d6

Concen: 141.198 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPMSD

Tot Ion: 99 Resp: 1239314

Ion Ratio Lower Upper

99 100

42 16.8 13.7 20.5

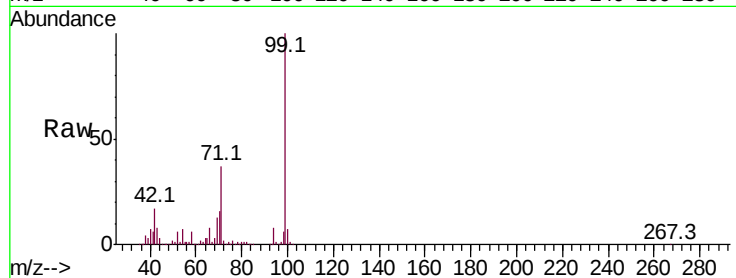
71 37.1 30.8 46.2

Manual Integrations

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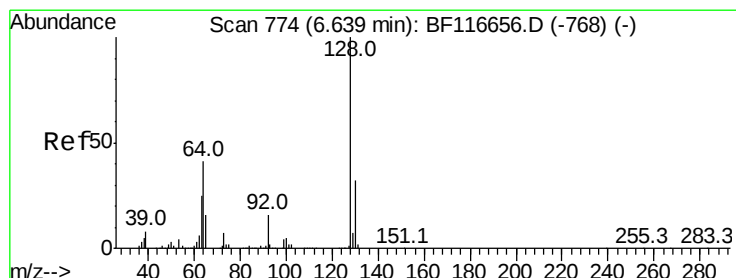
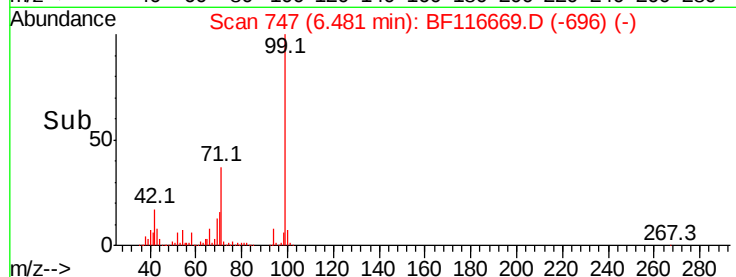
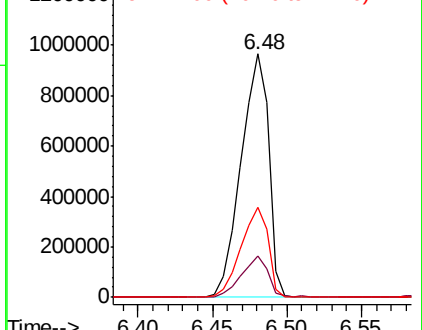
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.880 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

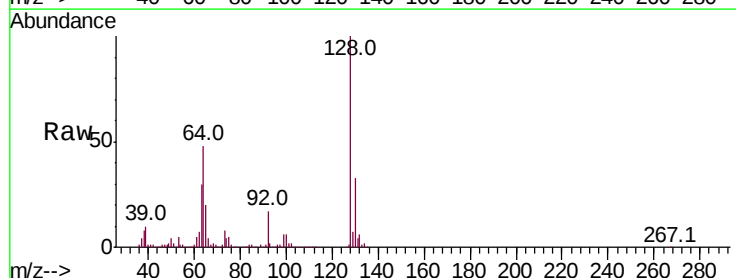
Tgt Ion: 128 Resp: 342070

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

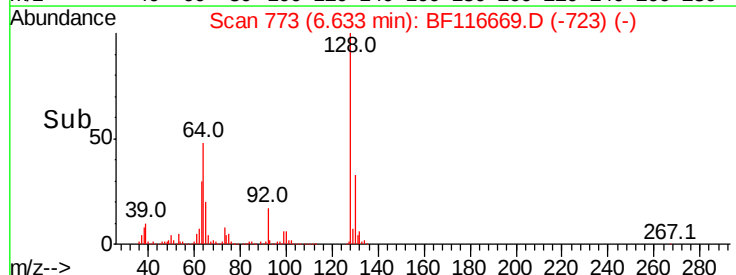
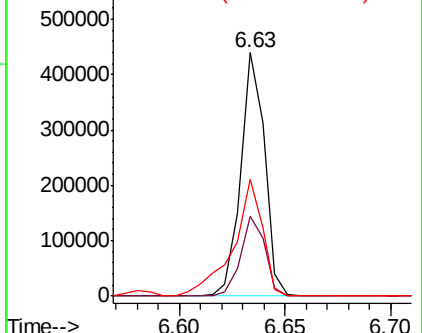
64 48.0 22.5 62.5

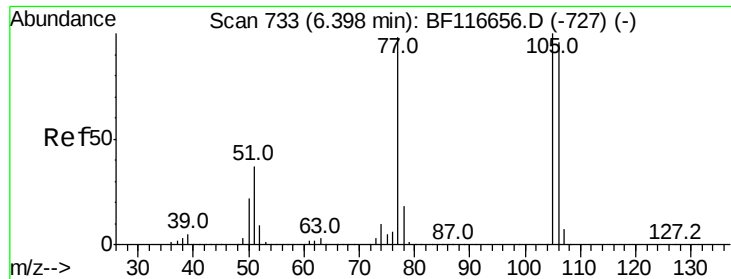


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.844 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

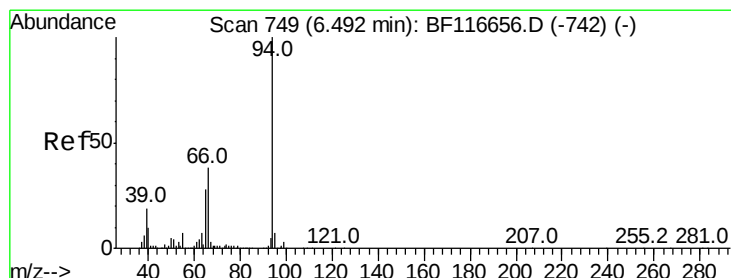
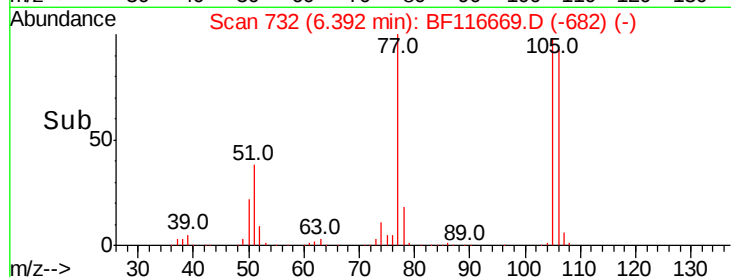
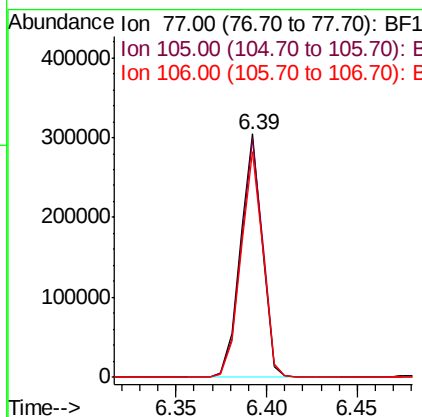
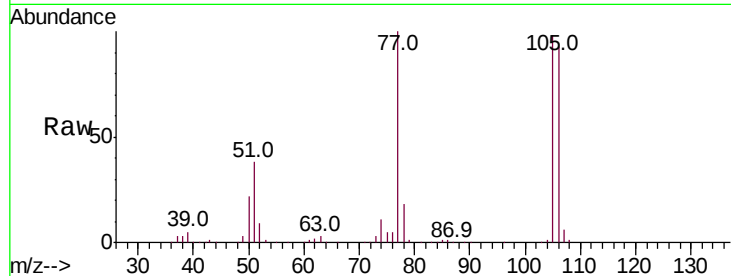
ClientSampleId :

SB-12-COMPMSD

Tot Ion:	77	Resp:	253527
Ion	Ratio	Lower	Upper
77	100		
105	97.7	76.7	116.7
106	92.6	73.1	113.1

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#10

Phenol

Concen: 49.672 ng

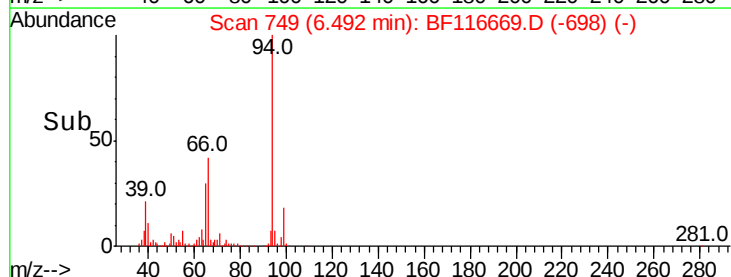
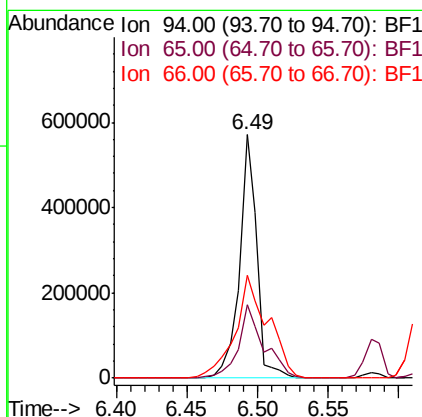
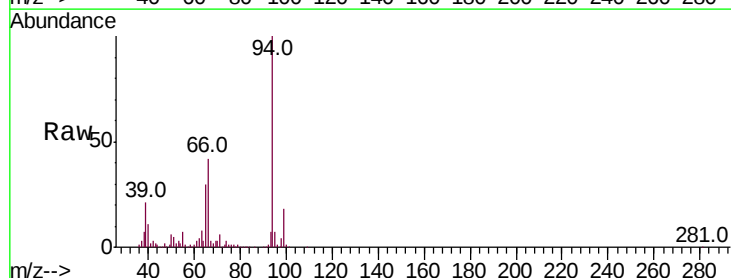
RT: 6.49 min Scan# 749

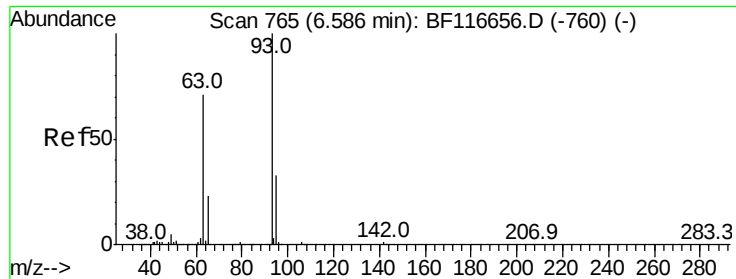
Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion:	94	Resp:	482765
Ion	Ratio	Lower	Upper
94	100		
65	30.2	10.8	50.8
66	42.4	21.1	61.1





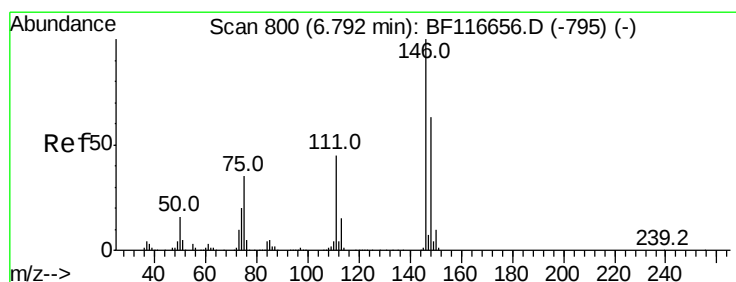
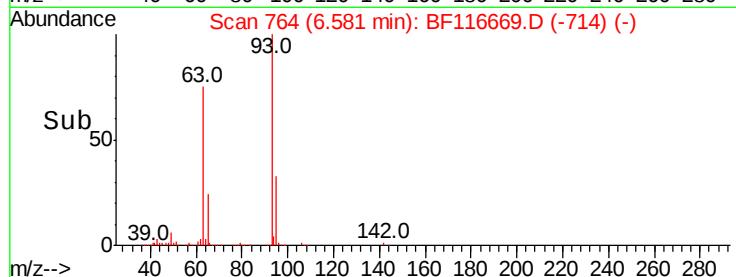
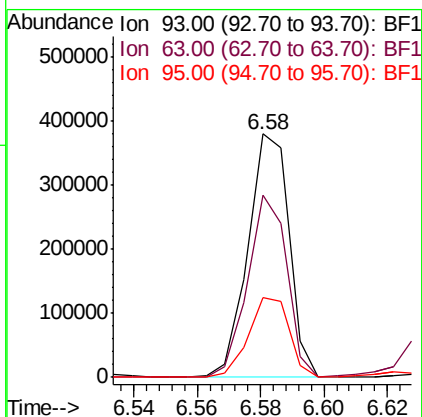
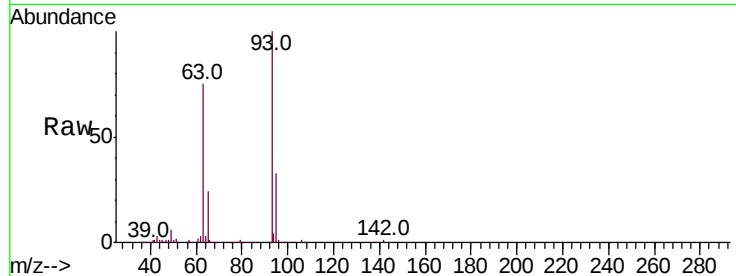
#11
bis(2-Chloroethyl)ether
Concen: 45.091 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	341240		
63	74.7	49.9	89.9	
95	32.8	12.7	52.7	

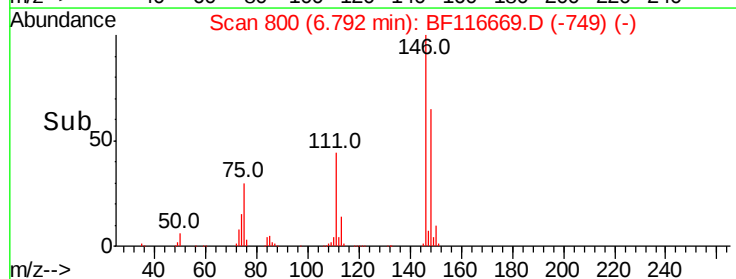
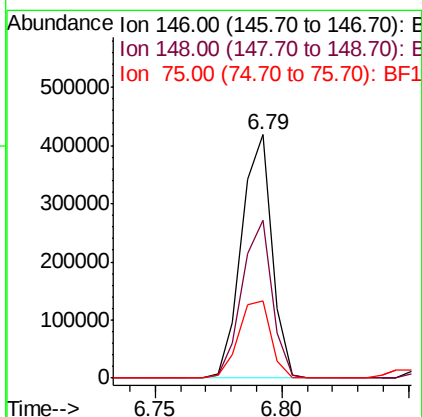
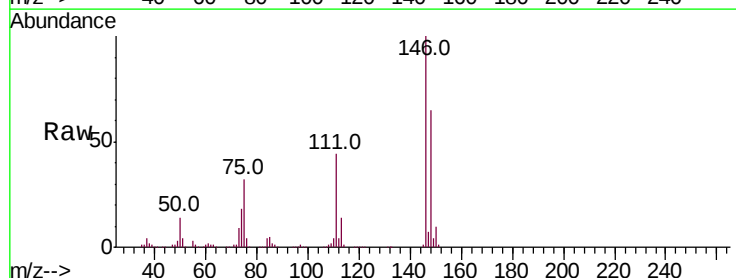
Manual Integrations
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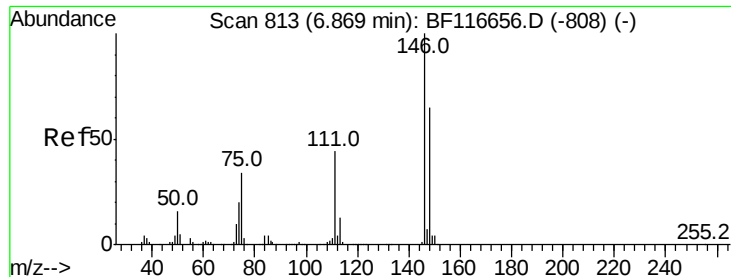
mohammad
8/31/2019 2:45:28 PM



#12
1,3-Dichlorobenzene
Concen: 42.348 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	349237		
148	64.8	51.4	77.0	
75	31.6	29.6	44.4	





#13

1,4-Dichlorobenzene

Concen: 43.723 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

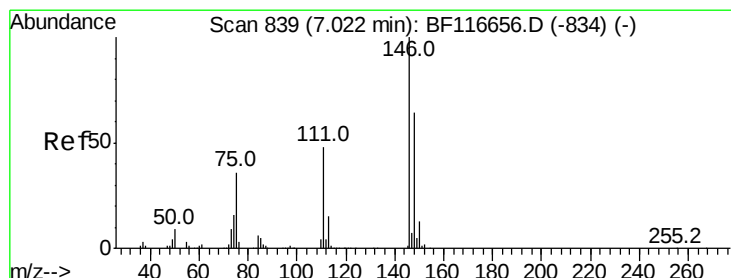
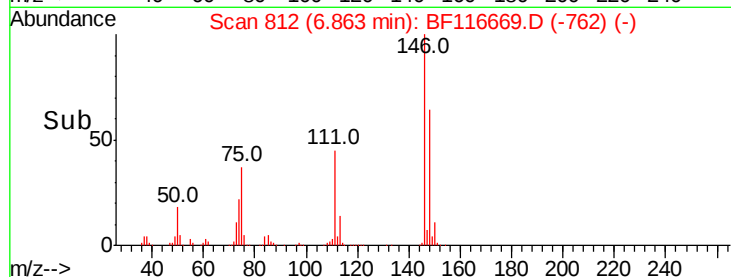
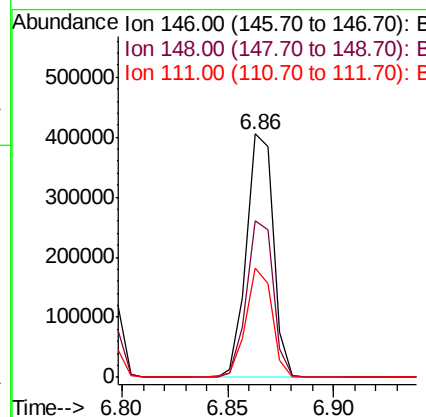
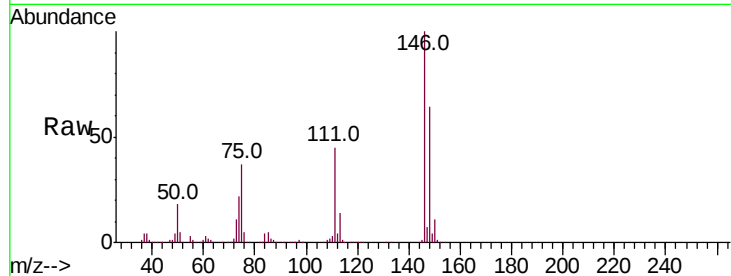
ClientSampleId :

SB-12-COMPMSD

Tot Ion:	146	Resp:	358980
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.4	77.2
111	44.6	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 44.031 ng

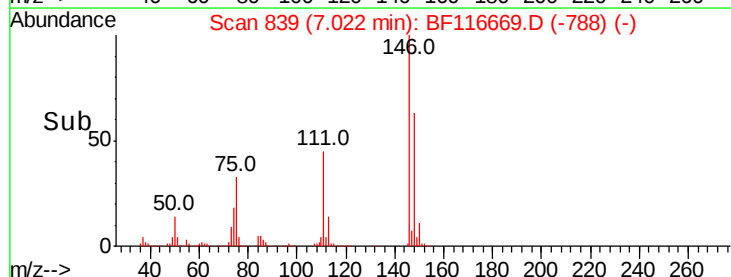
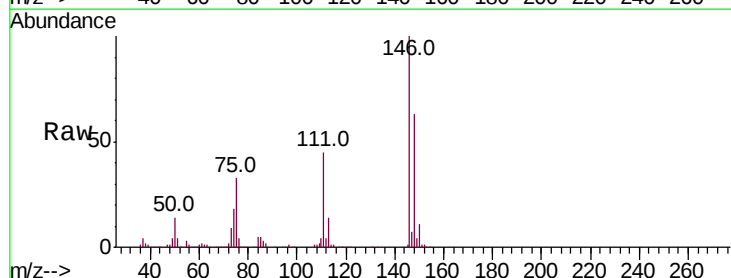
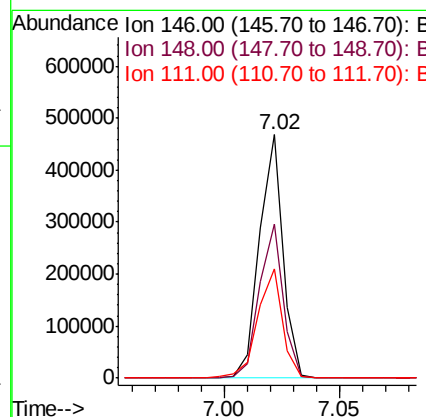
RT: 7.02 min Scan# 839

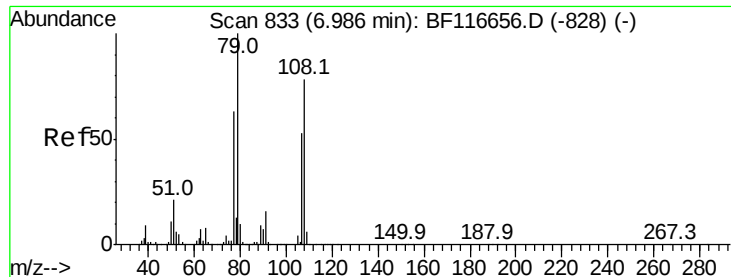
Delta R.T. -0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion:	146	Resp:	335022
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.6	78.8
111	44.6	34.2	51.4





#15

Benzyl Alcohol

Concen: 47.808 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

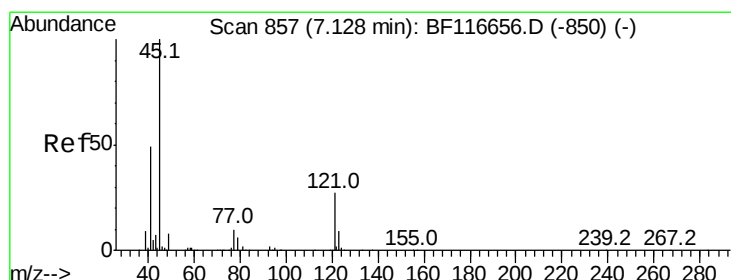
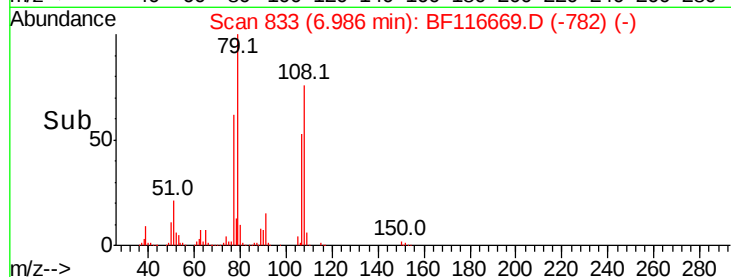
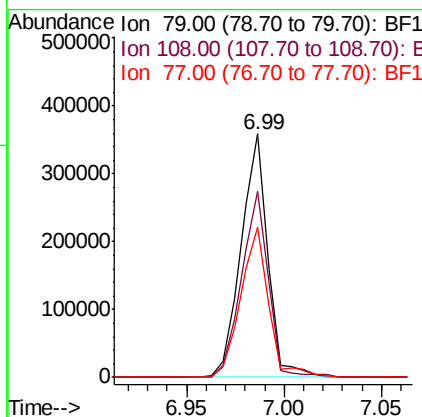
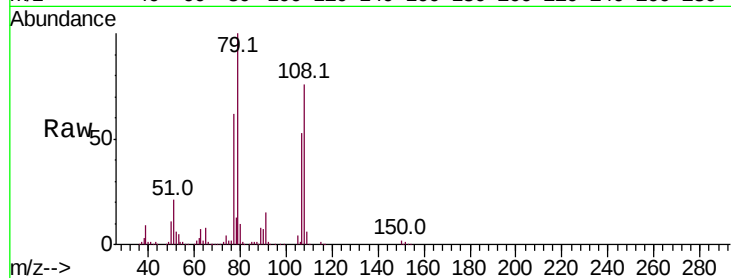
ClientSampleId :

SB-12-COMPMSD

Tot Ion:	79	Resp:	340615
Ion Ratio	Lower	Upper	
79	100		
108	76.2	59.2	88.8
77	61.6	53.0	79.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.530 ng

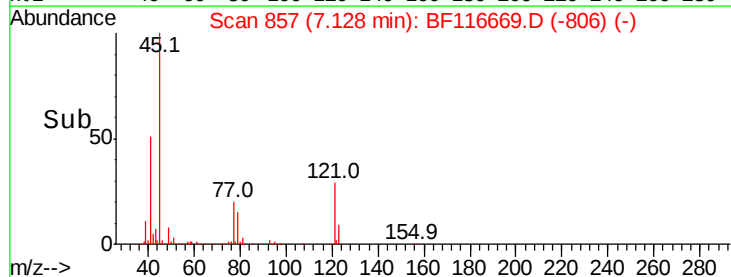
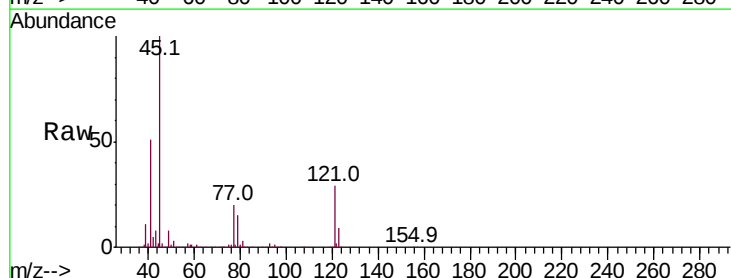
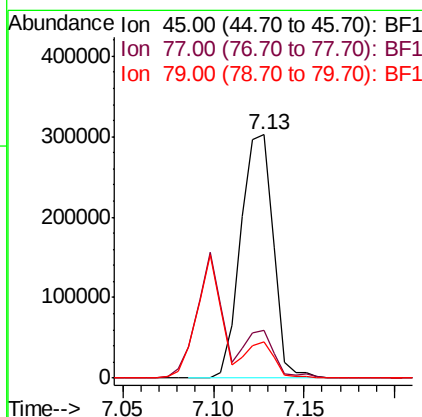
RT: 7.13 min Scan# 857

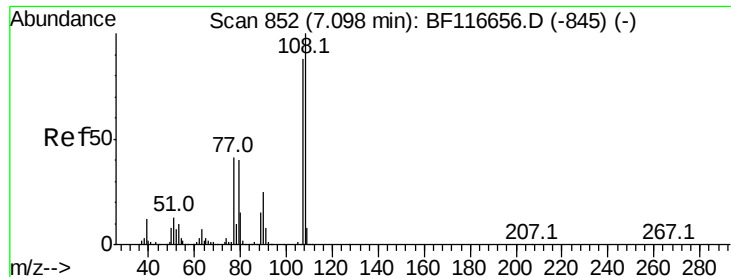
Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion:	45	Resp:	377621
Ion Ratio	Lower	Upper	
45	100		
77	19.7	0.0	38.2
79	14.8	0.0	33.9





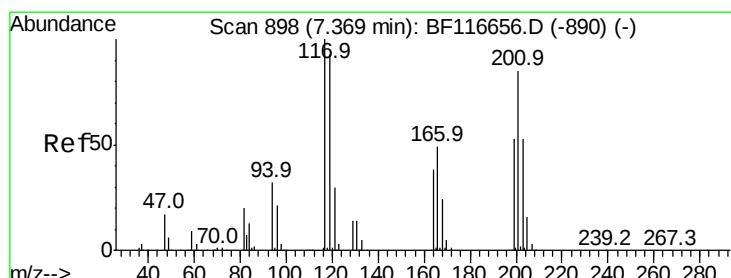
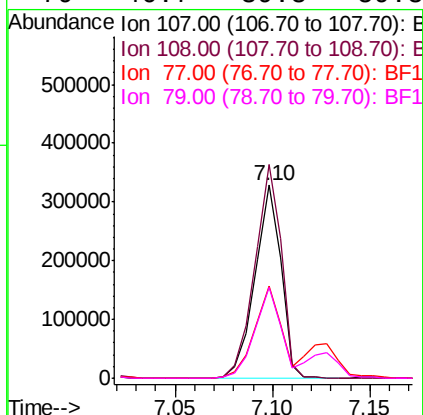
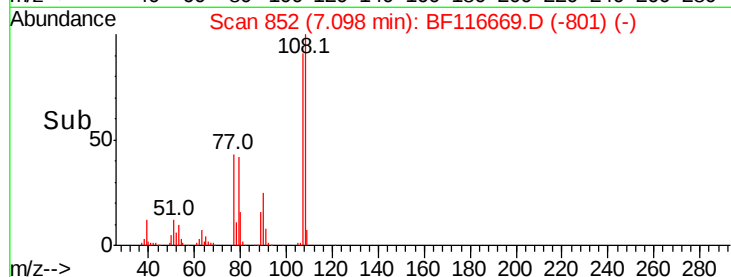
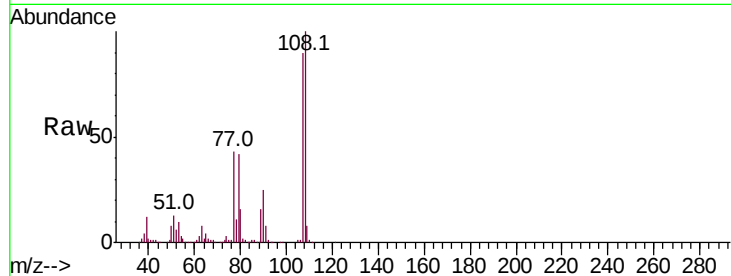
#17
2-Methylphenol
Concen: 47.702 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	88.3	132.5	
77	47.6	39.9	59.9	
79	46.7	39.8	59.8	

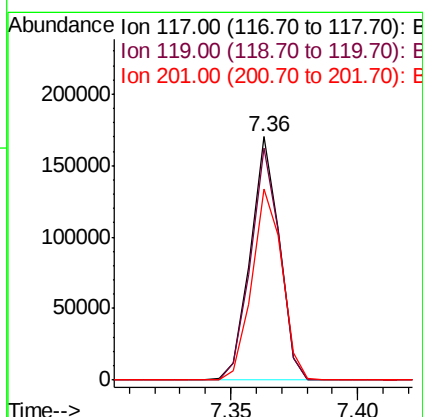
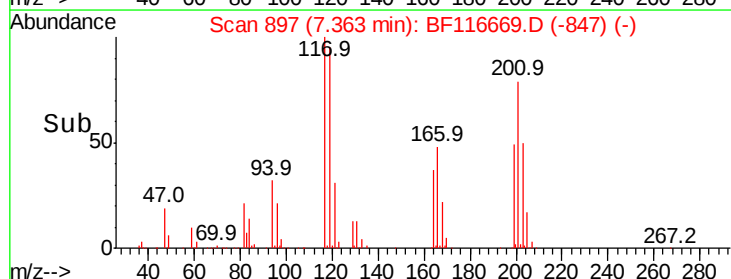
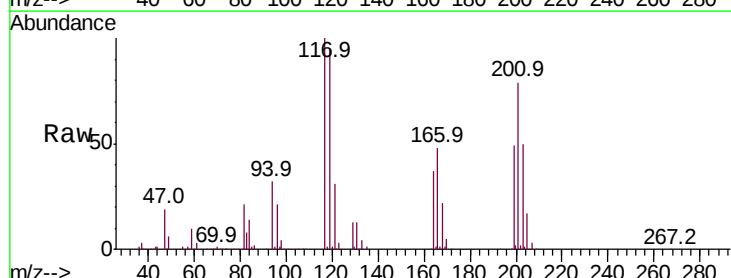
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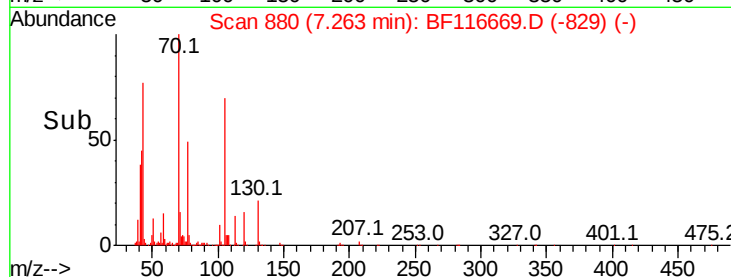
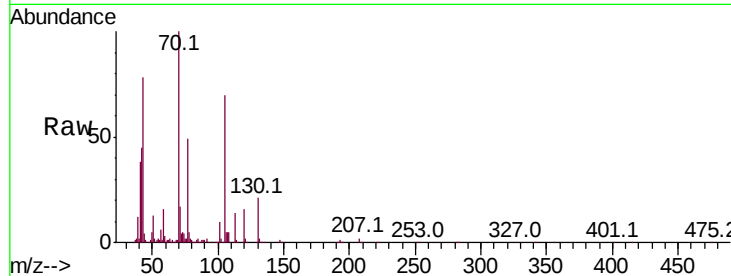
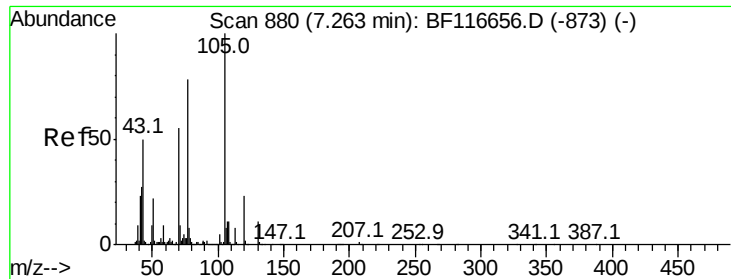
mohammad
8/31/2019 2:45:28 PM



#18
Hexachloroethane
Concen: 42.457 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.9	115.3	
201	78.8	79.4	119.0#	





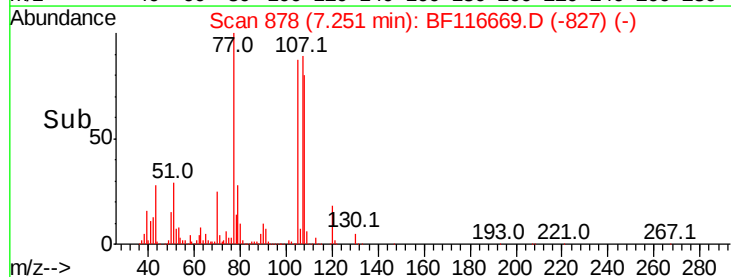
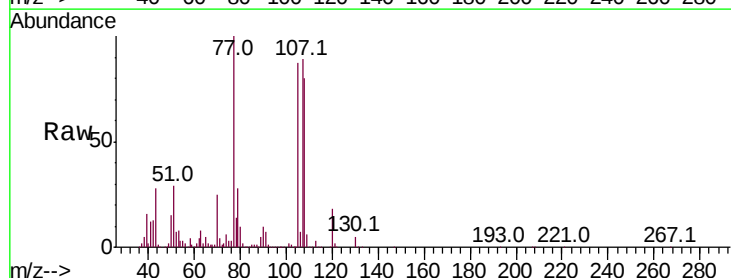
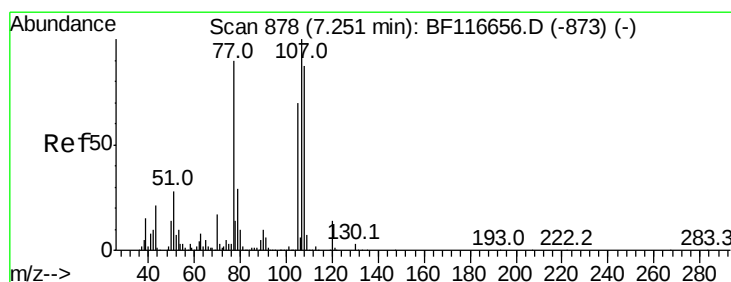
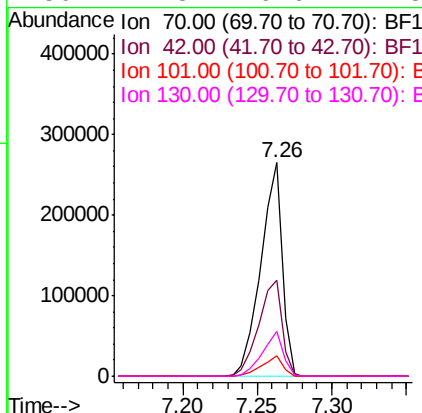
#19
n-Nitroso-di-n-propylamine
Concen: 45.184 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.9	43.5	65.3
101	9.8	7.8	11.6
130	21.3	16.6	24.8

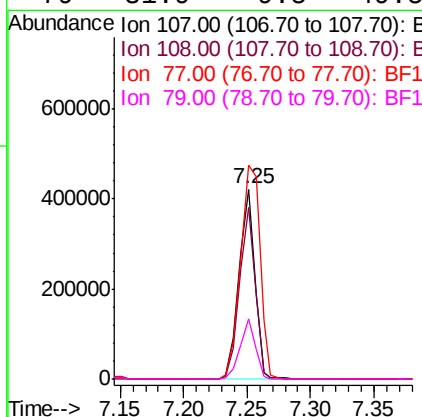
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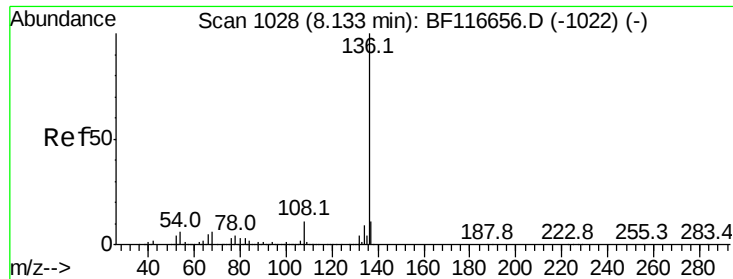
mohammad
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#20
3+4-Methylphenols
Concen: 48.661 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	65.5	105.5
77	112.7	69.4	109.4#
79	31.9	9.5	49.5





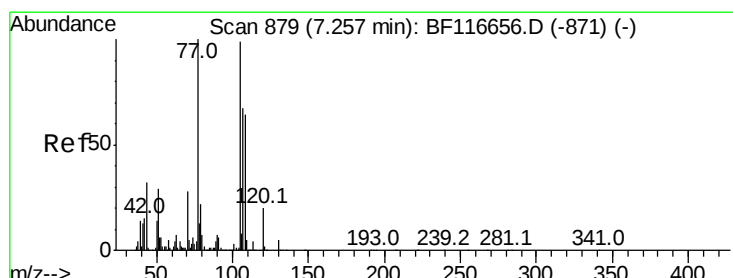
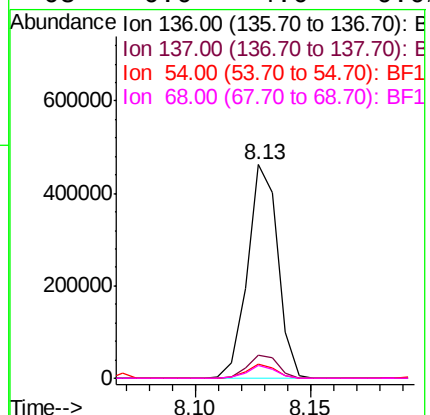
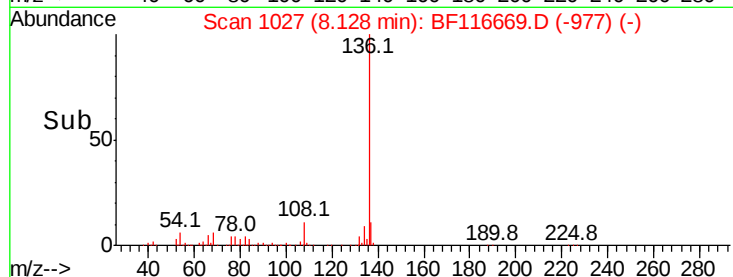
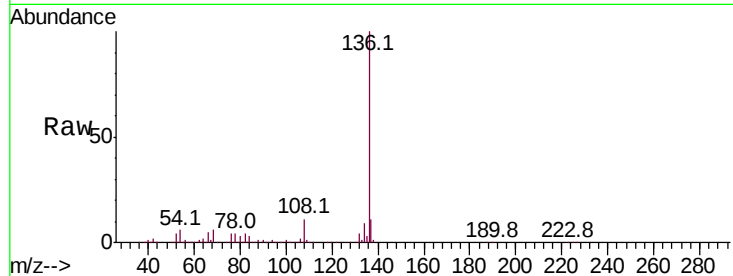
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	423554		
137	11.1	8.9	13.3	
54	6.4	4.8	7.2	
68	6.0	4.0	6.0#	

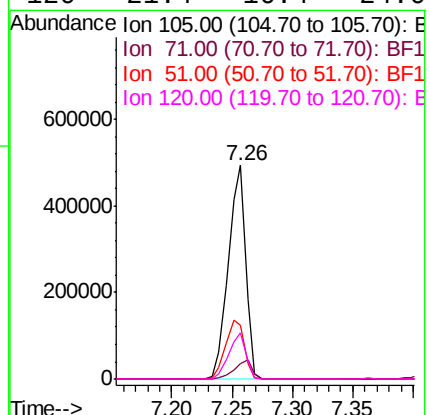
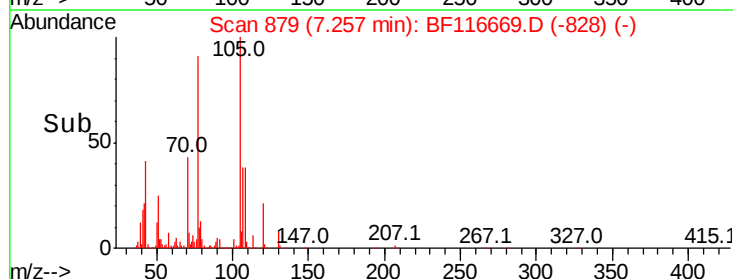
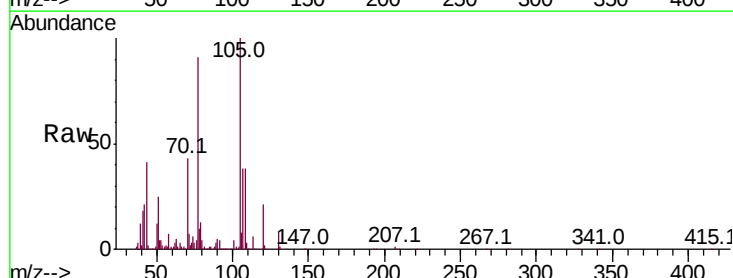
Manual Integrations
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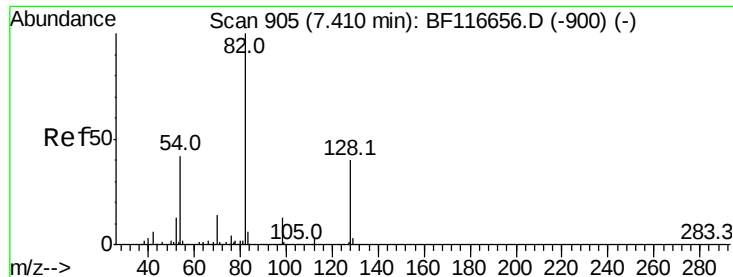
mohammad
8/31/2019 2:45:28 PM



#22
Acetophenone
Concen: 48.372 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	493252		
71	7.4	4.2	6.4#	
51	25.4	25.8	38.8#	
120	21.4	16.4	24.6	





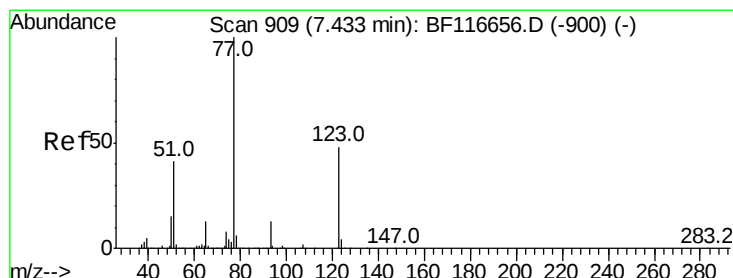
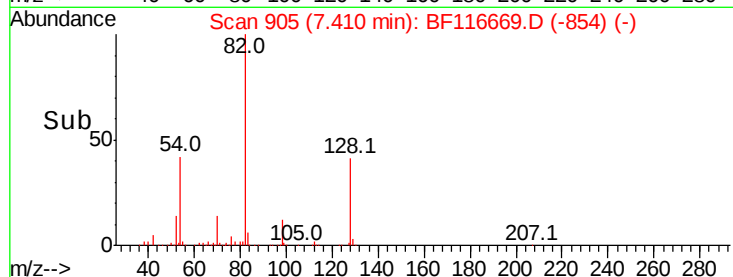
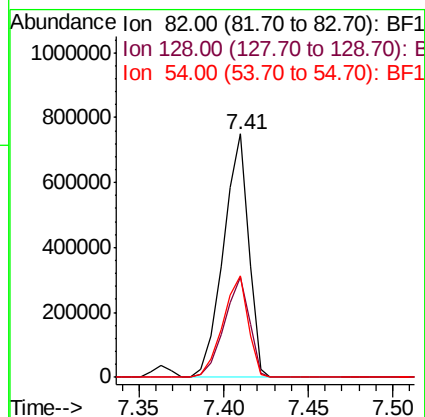
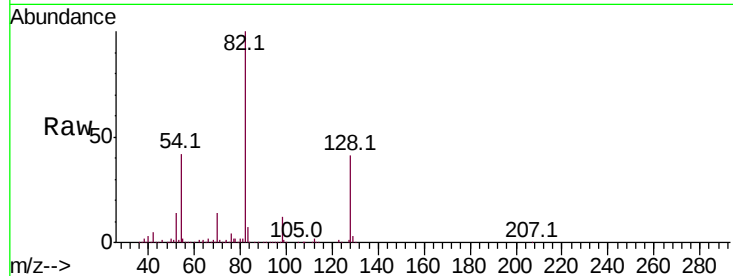
#23
Nitrobenzene-d5
Concen: 104.058 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	772047		
128	41.3		32.8	49.2
54	41.8		36.9	55.3

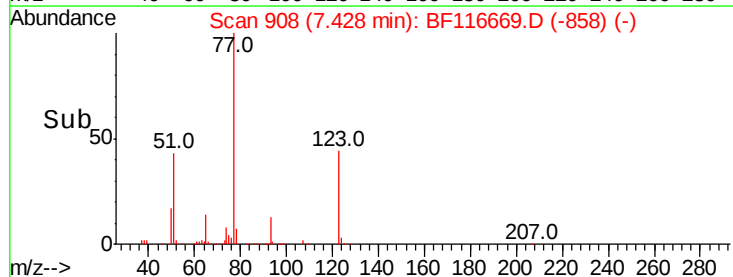
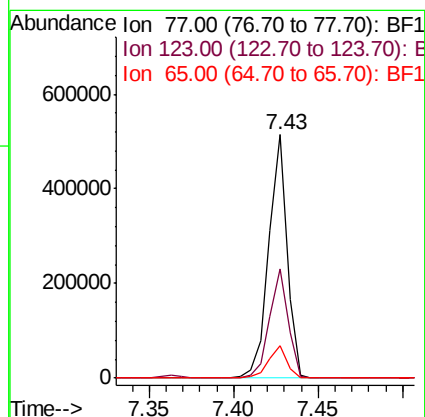
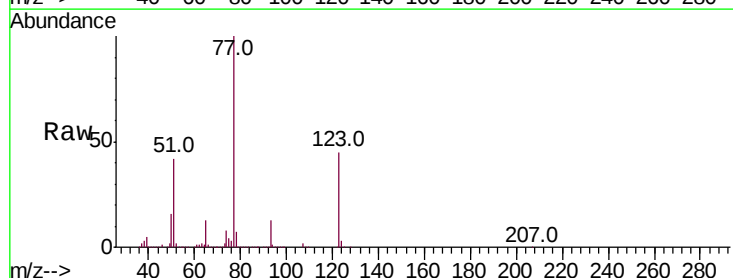
Manual Integrations
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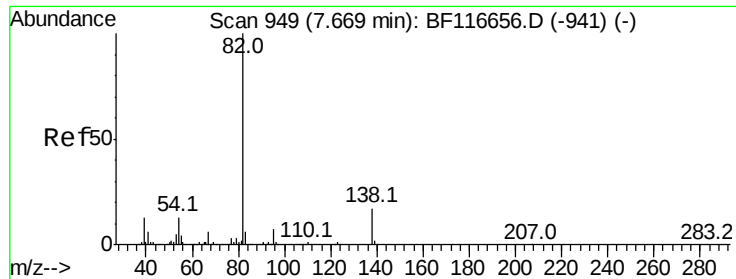
mohammad
8/31/2019 2:45:28 PM



#24
Nitrobenzene
Concen: 51.694 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	390074		
123	44.9		33.1	49.7
65	13.4		10.6	15.8





#25

Isophorone

Concen: 48.494 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

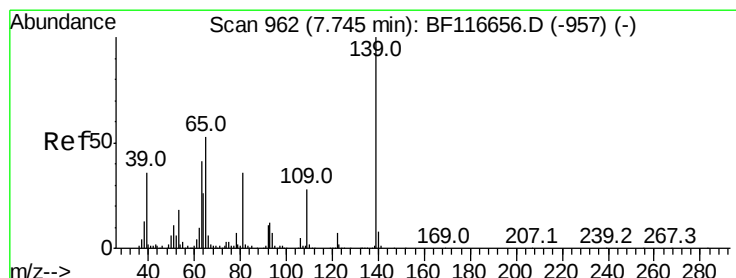
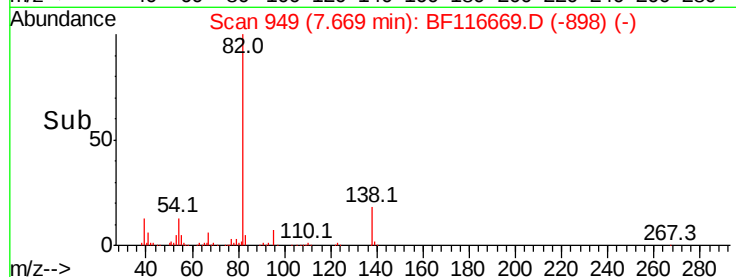
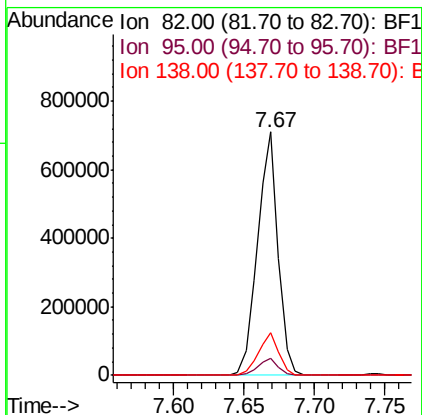
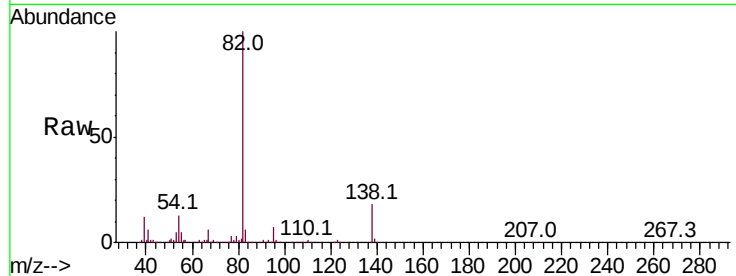
ClientSampleId :

SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	729070		
95	7.0		5.8	8.6
138	17.5		13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 59.221 ng

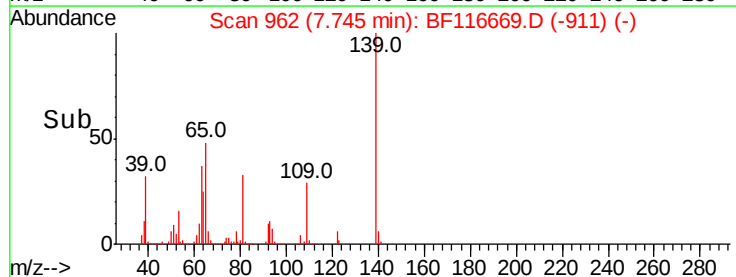
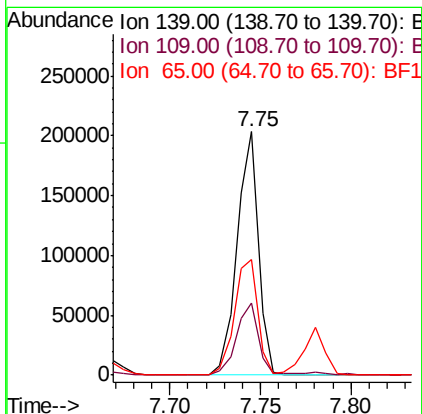
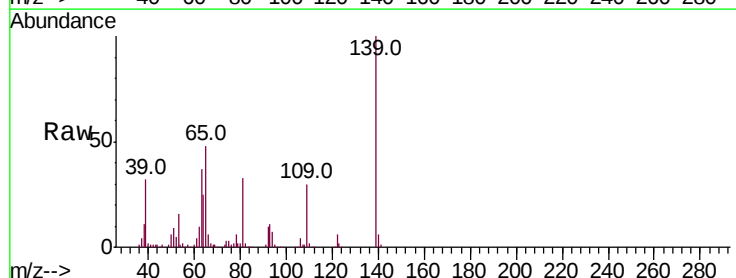
RT: 7.75 min Scan# 962

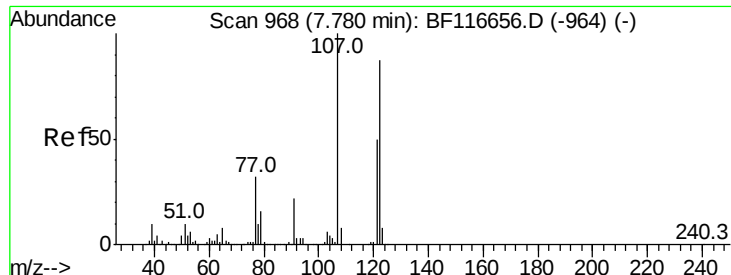
Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	166139		
109	29.5		27.1	40.7
65	47.6		43.0	64.6





#27

2,4-Dimethylphenol

Concen: 57.675 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

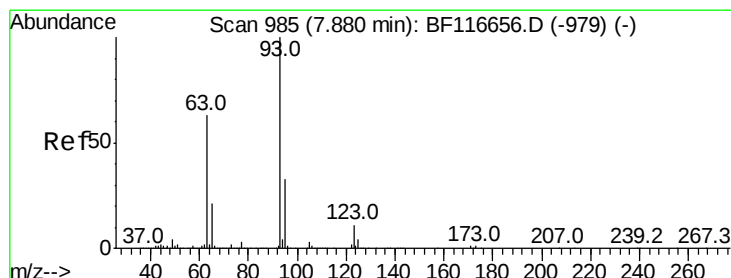
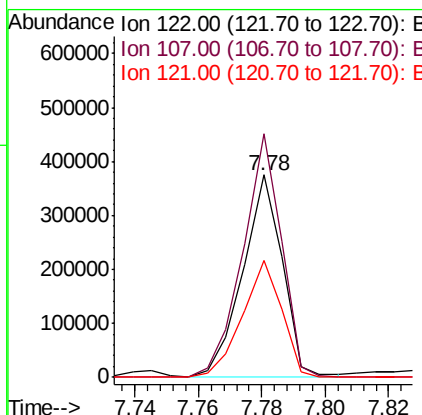
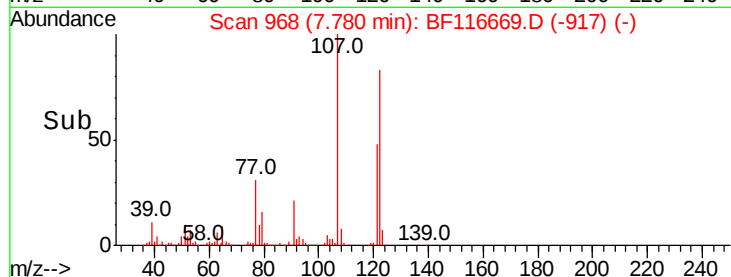
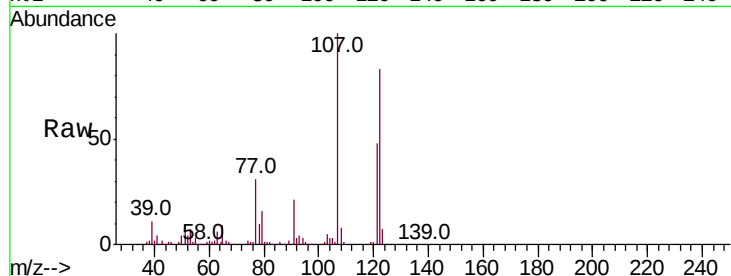
ClientSampleId :

SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	326775		
107	120.2	98.1	147.1	
121	57.7	47.3	70.9	

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#28

bis(2-Chloroethoxy)methane

Concen: 47.600 ng

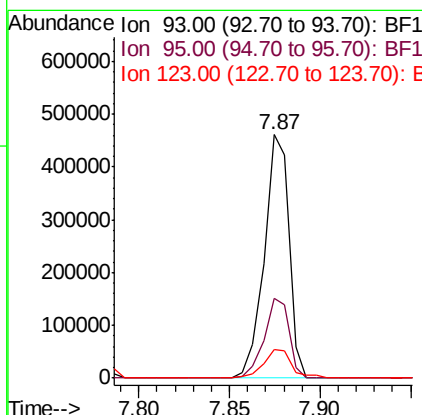
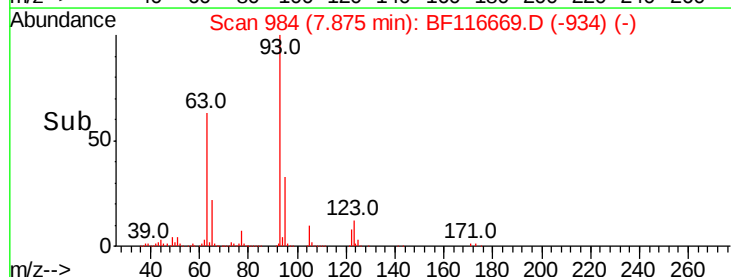
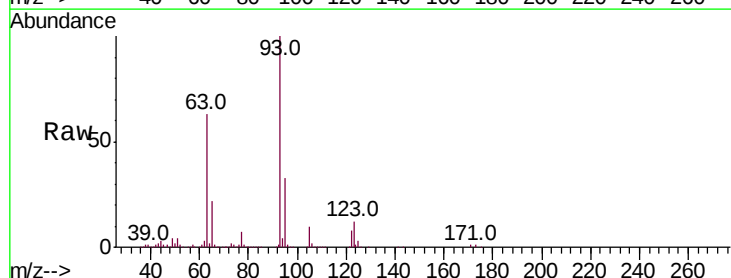
RT: 7.87 min Scan# 984

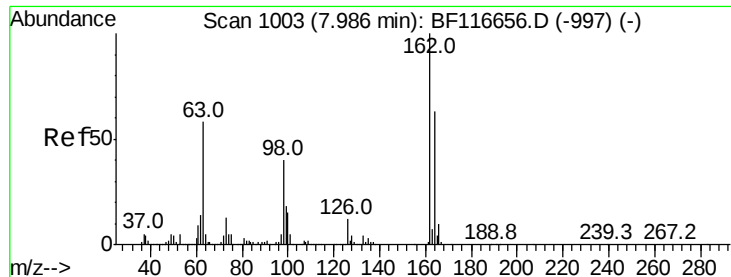
Delta R.T. -0.01 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	437318		
95	32.8	26.4	39.6	
123	11.6	9.8	14.8	





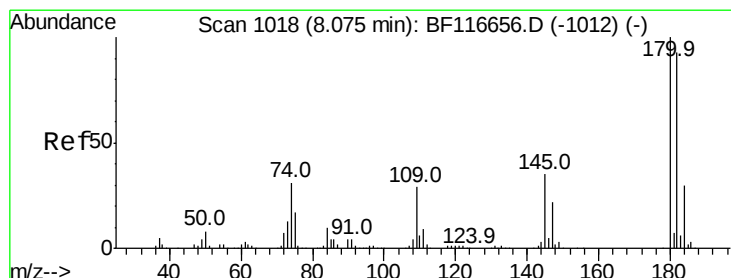
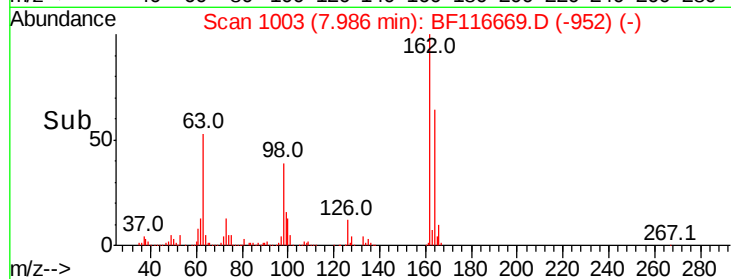
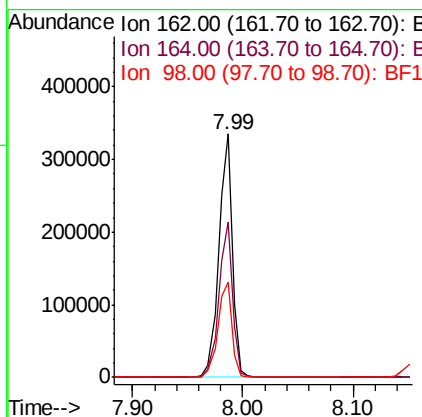
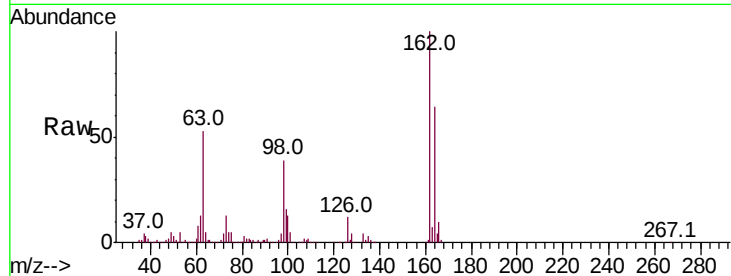
#29
 2,4-Dichlorophenol
 Concen: 52.730 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		287111		
164	63.8	43.4	83.4		
98	39.0	18.1	58.1		

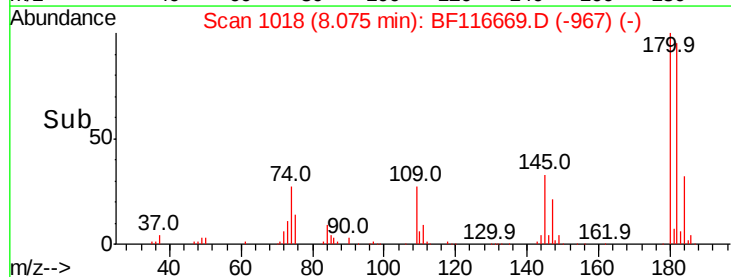
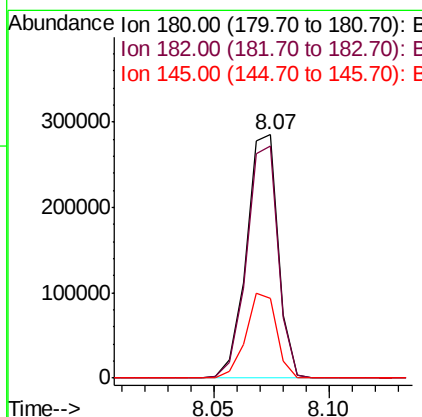
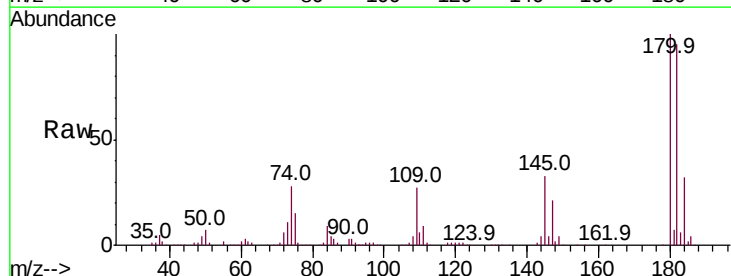
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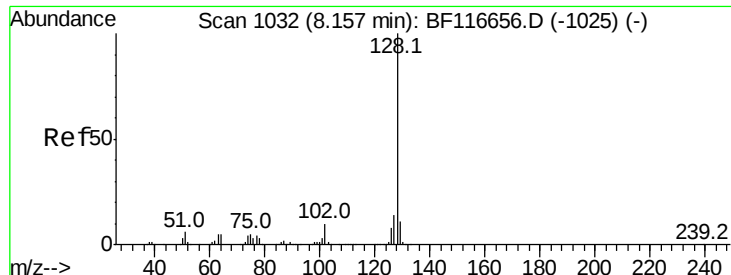
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.358 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		273784		
182	95.4	78.6	118.0		
145	32.7	25.7	38.5		





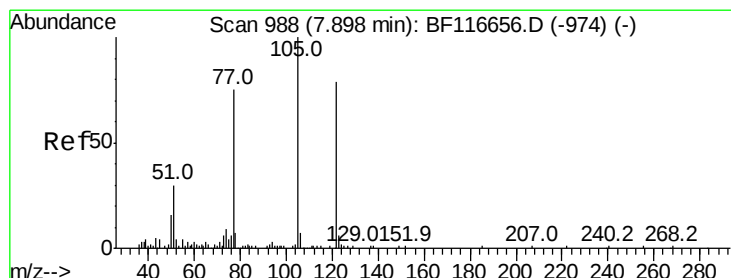
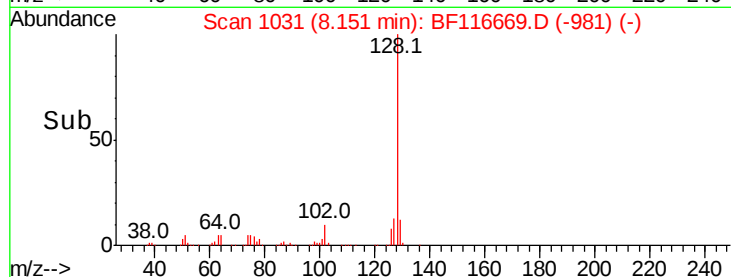
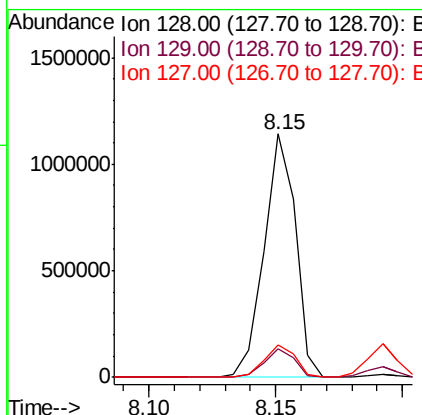
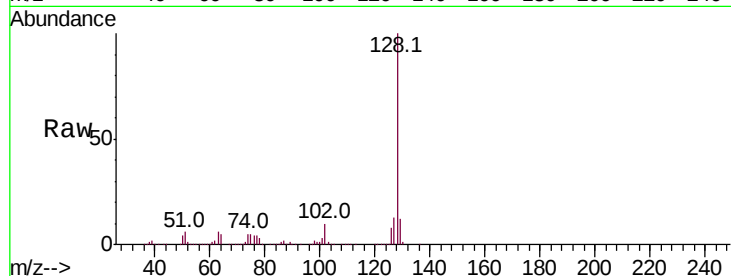
#31
Naphthalene
Concen: 49.415 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	8.6	13.0	
127	13.5	10.4	15.6	

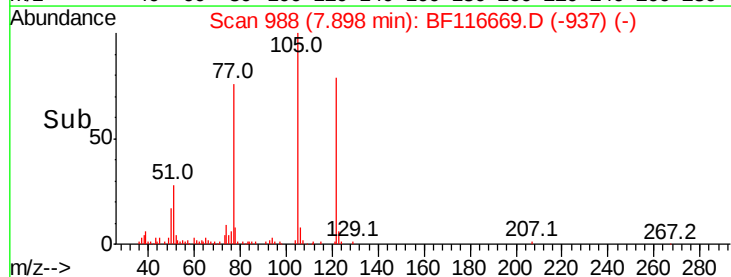
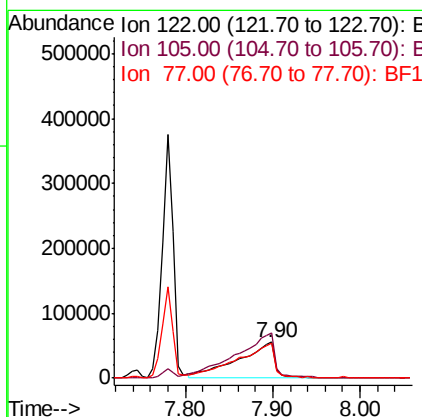
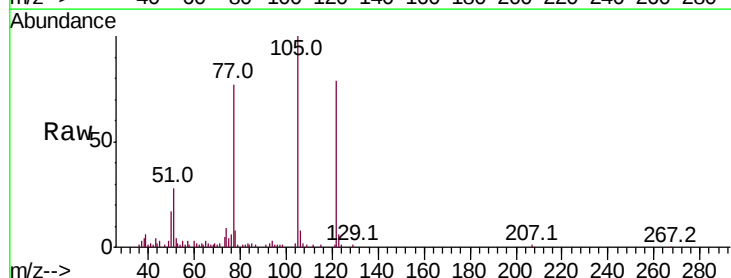
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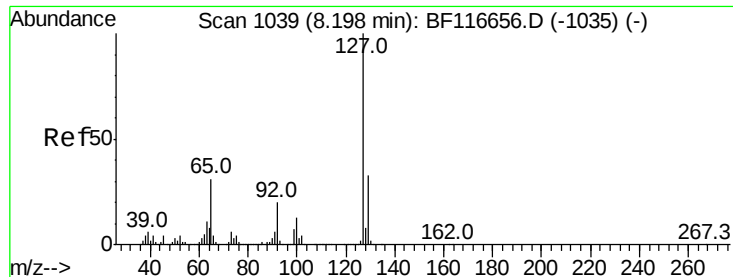
mohammad
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#32
Benzoic acid
Concen: 49.906 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.4	110.0	150.0	
77	97.2	81.7	121.7	





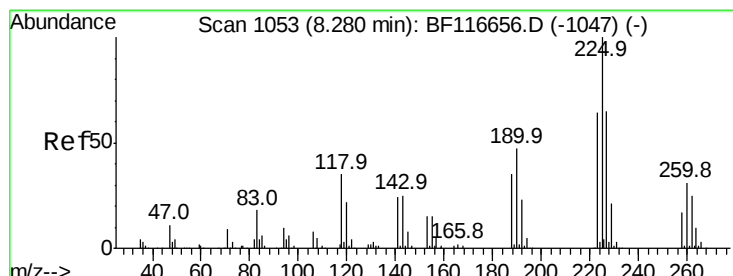
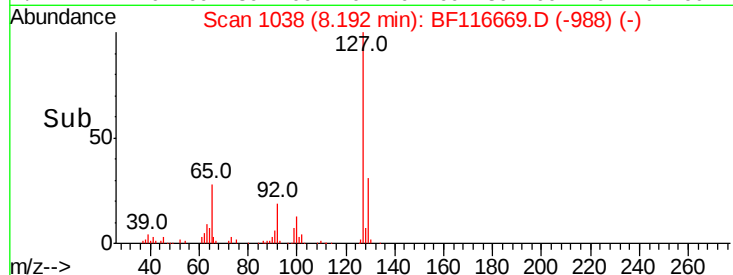
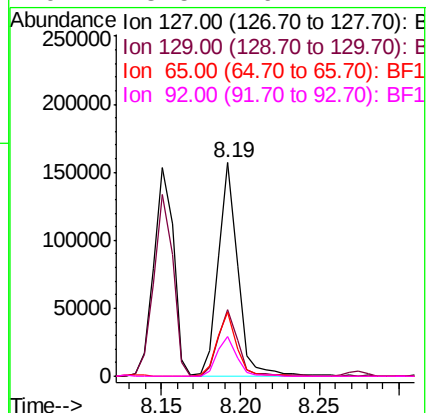
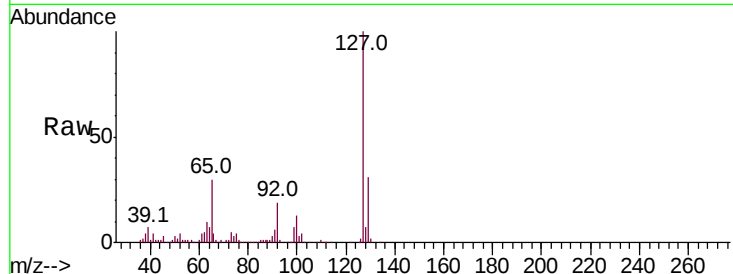
#33
4-Chloroaniline
Concen: 14.660 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	26.2	39.2	
65	29.9	26.0	39.0	
92	18.5	16.1	24.1	

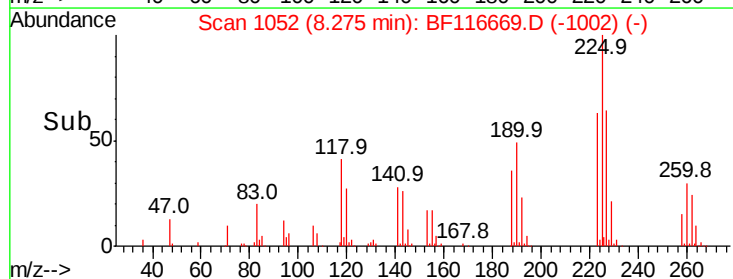
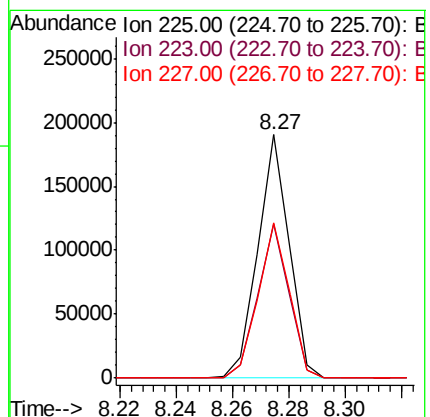
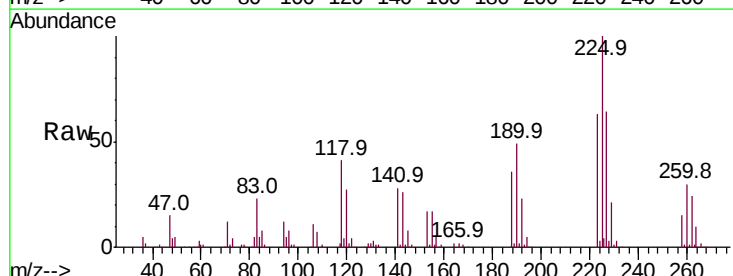
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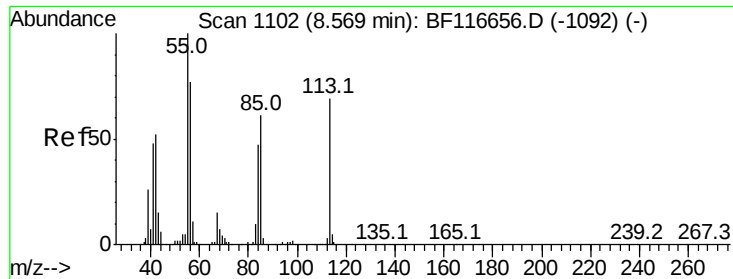
mohammad
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#34
Hexachlorobutadiene
Concen: 45.475 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	49.4	74.2	
227	63.6	51.0	76.4	





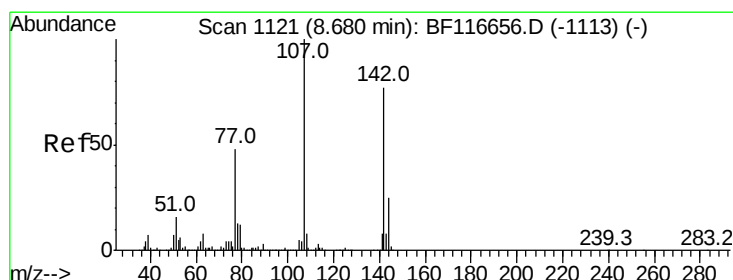
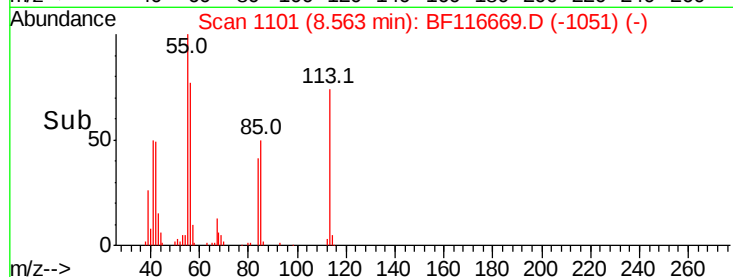
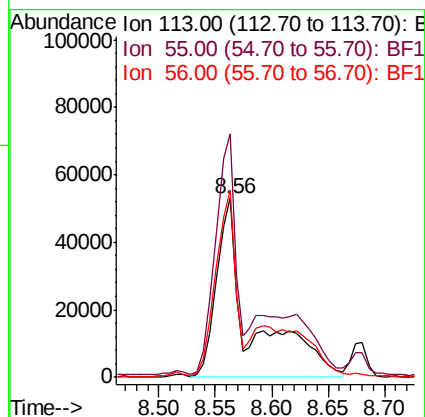
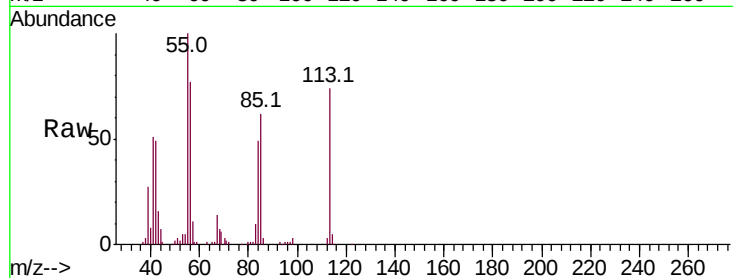
#35
 Caprolactam
 Concen: 55.248 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	135.8	124.3	164.3	
56	104.2	94.6	134.6	

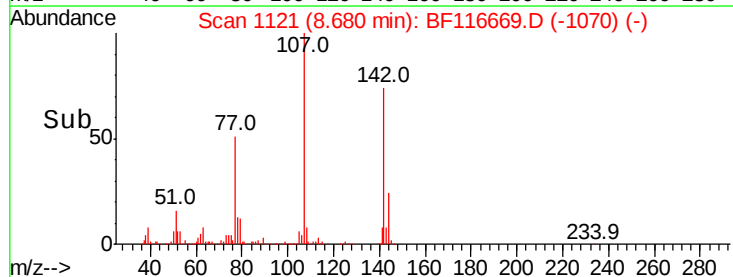
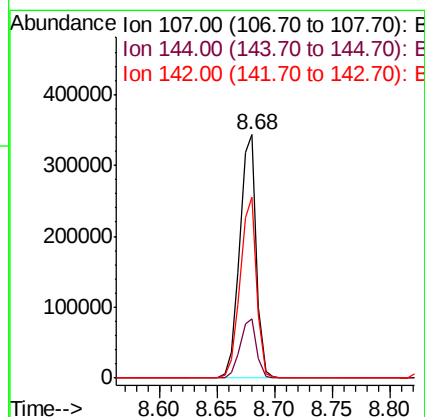
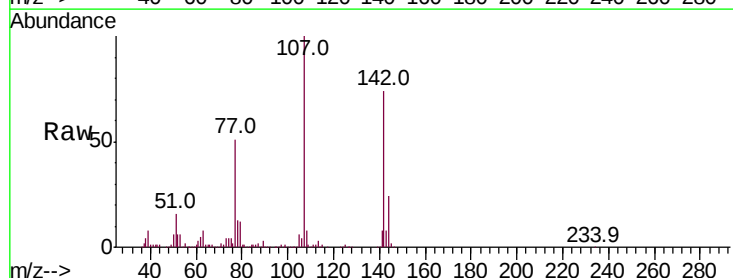
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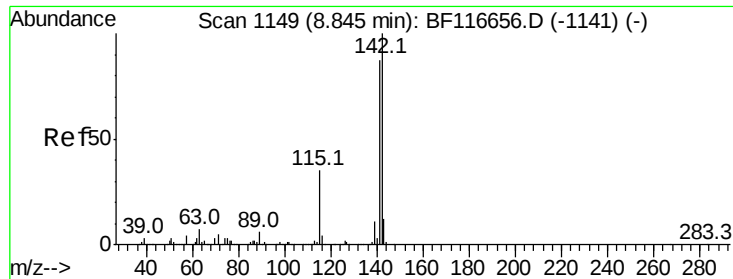
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 54.788 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.4	18.6	27.8	
142	74.2	58.5	87.7	





#37

2-Methylnaphthalene

Concen: 50.507 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF116669.D

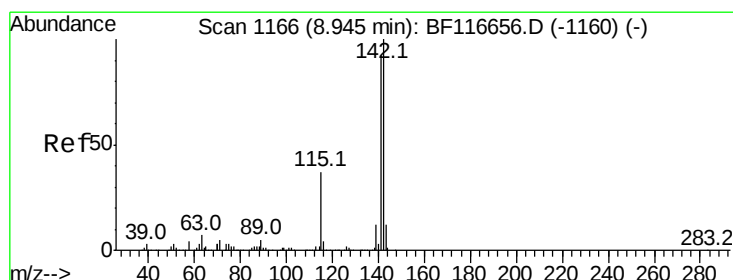
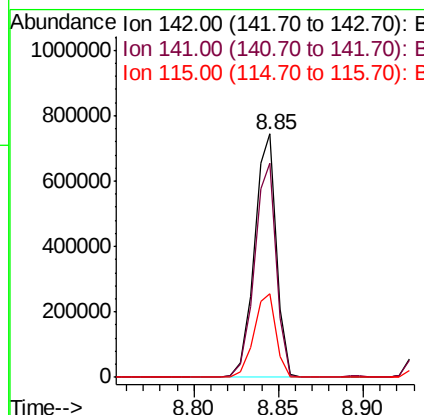
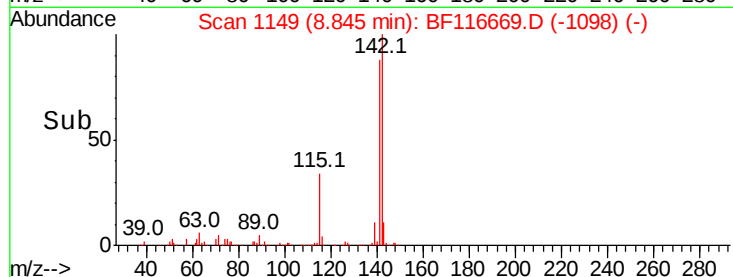
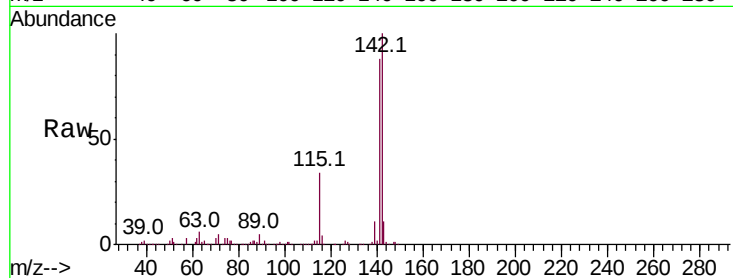
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	676817		
141	88.0	72.6	109.0	
115	34.3	29.8	44.6	

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 50.673 ng

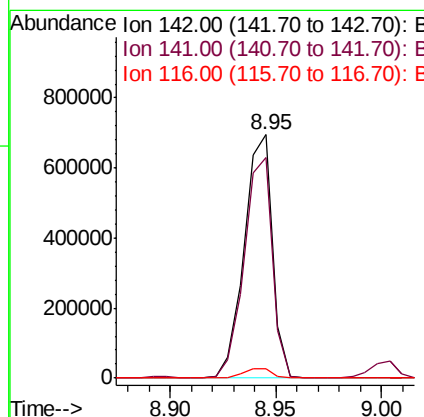
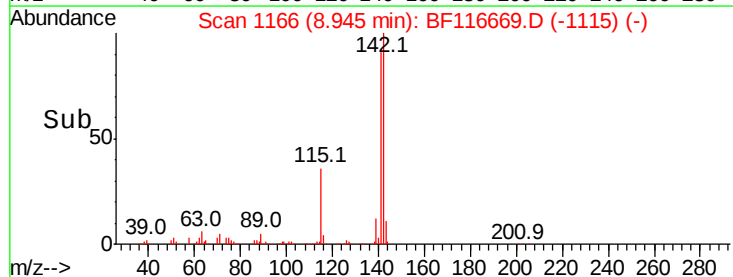
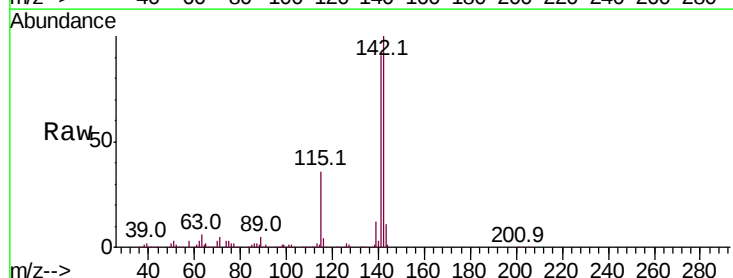
RT: 8.95 min Scan# 1166

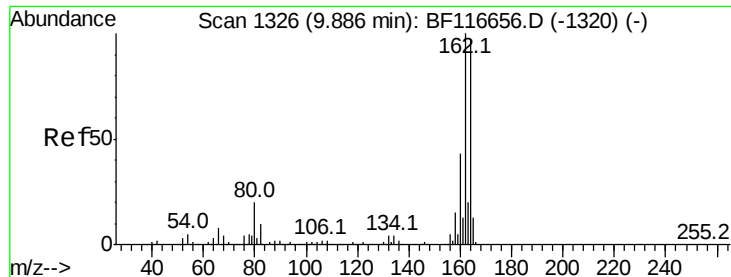
Delta R.T. -0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	641015		
141	90.7	73.9	110.9	
116	3.7	3.0	4.6	





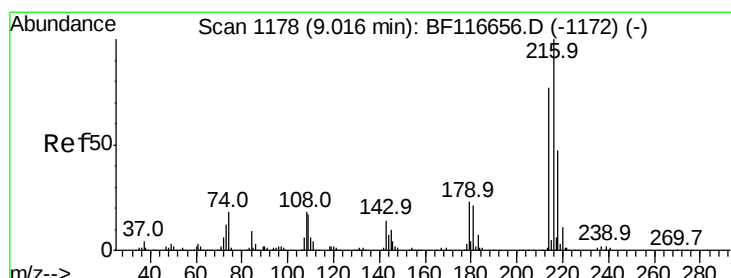
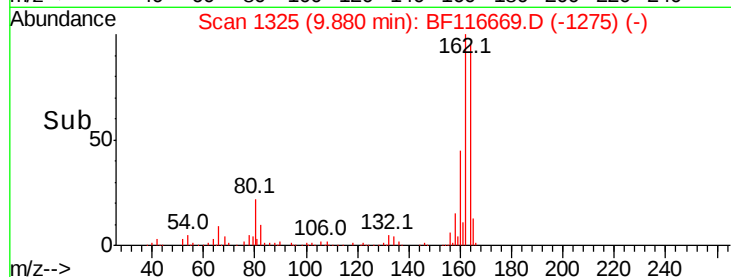
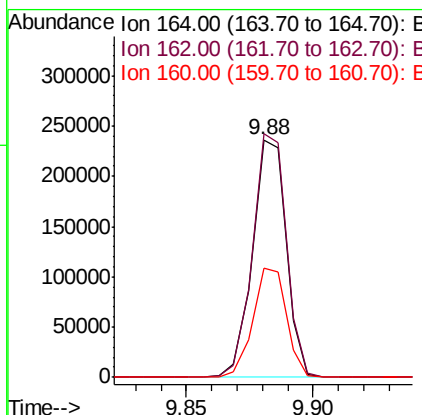
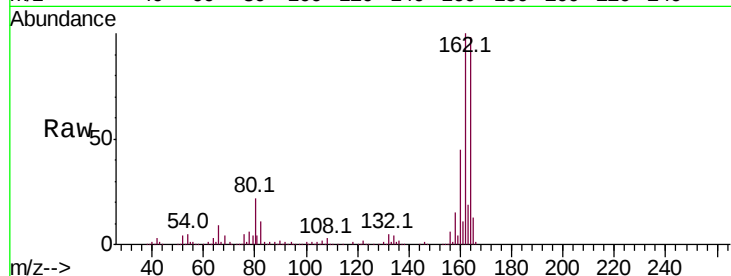
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	220796		
162	102.5	81.4	122.0	
160	46.1	35.4	53.2	

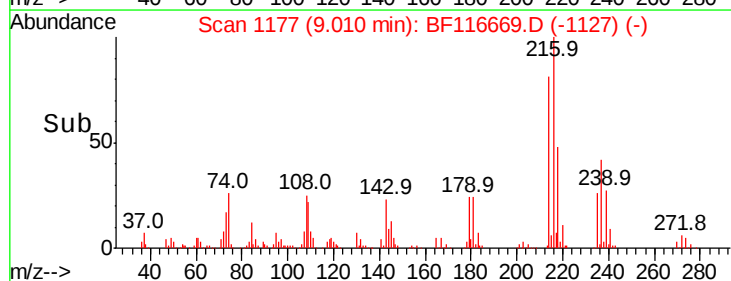
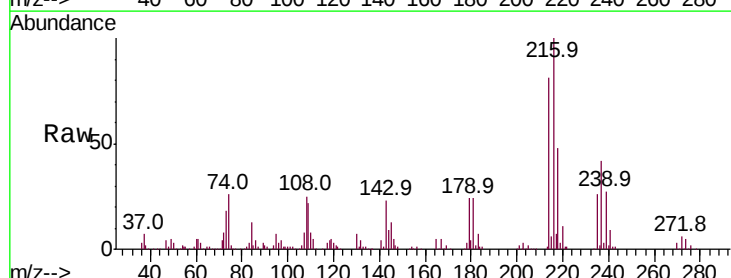
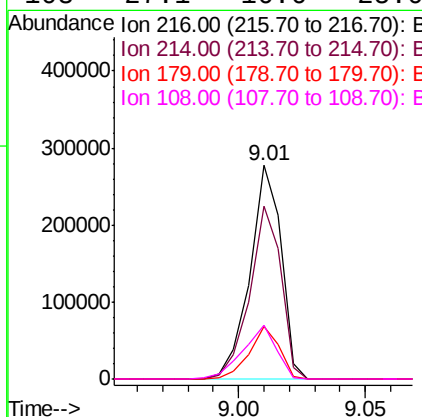
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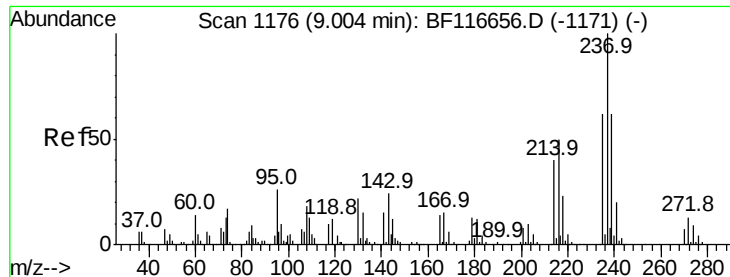
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.167 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	239063		
214	80.7	62.7	94.1	
179	23.6	19.3	28.9	
108	27.1	16.6	25.0#	





#41

Hexachlorocyclopentadiene

Concen: 91.459 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

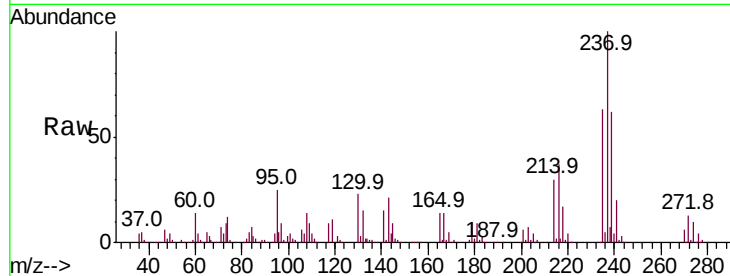
ClientSampleId :

SB-12-COMPMSD

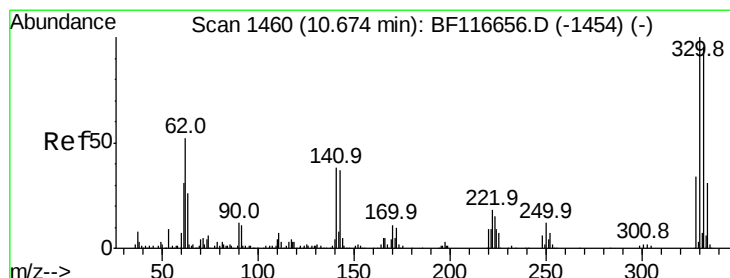
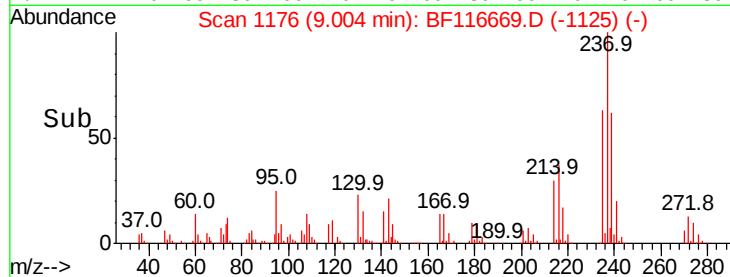
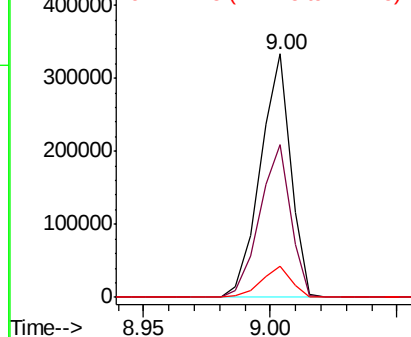
Tot Ion:	237	Resp:	279543
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.4	81.4
272	12.7	0.0	32.8

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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: 160.133 ng

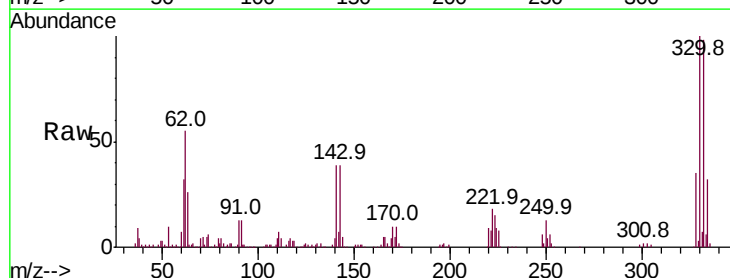
RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

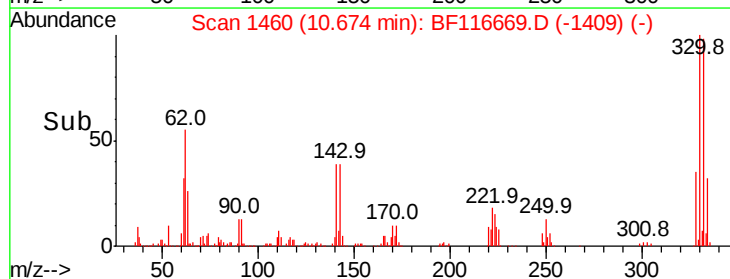
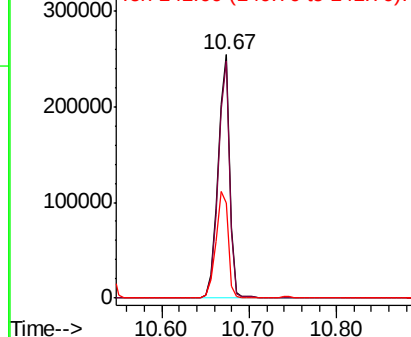
Lab File: BF116669.D

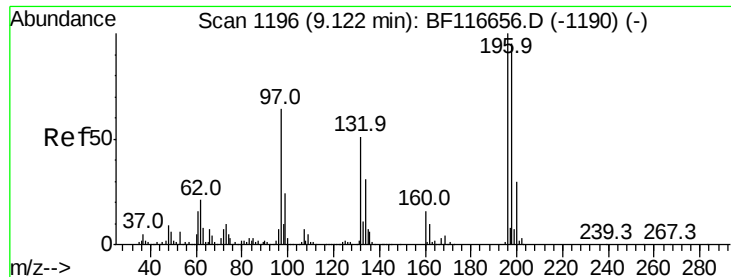
Acq: 31 Aug 2019 00:09

Tgt Ion:	330	Resp:	236367
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.9	115.3
141	46.5	31.4	47.2



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





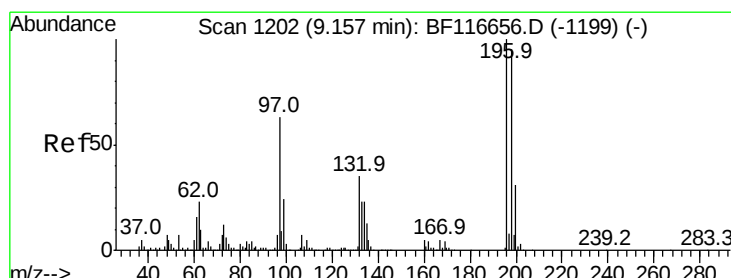
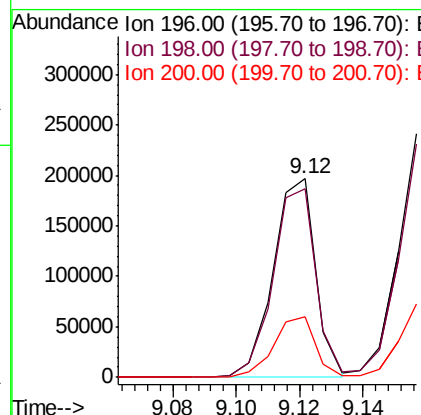
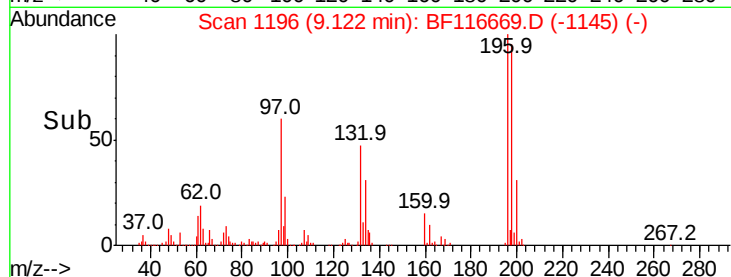
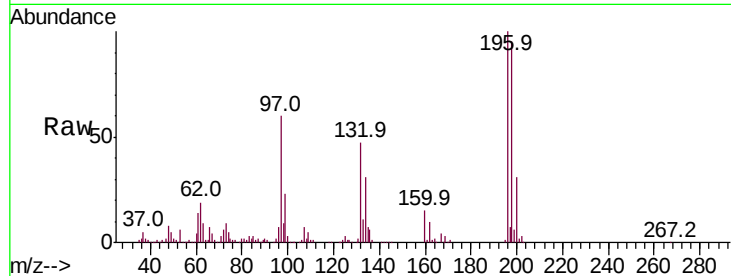
#43
 2,4,6-Trichlorophenol
 Concen: 50.633 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	183708		
198	95.2	79.1	118.7	
200	30.9	24.0	36.0	

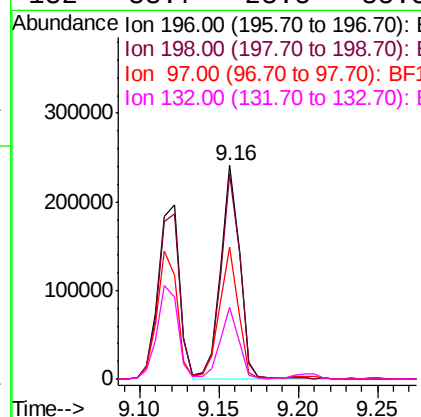
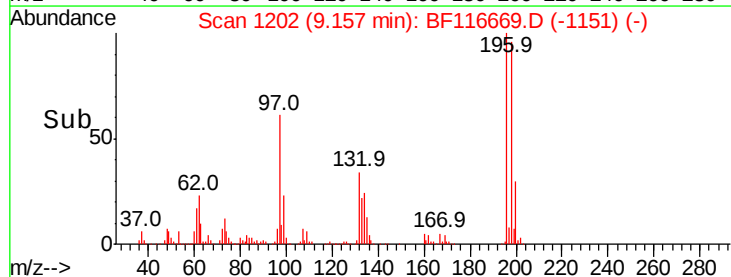
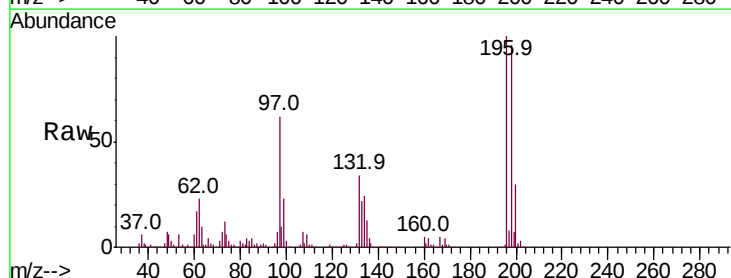
Manual Integrations
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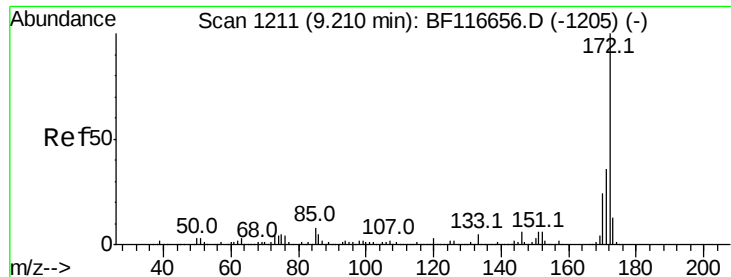
mohammad
 8/31/2019 2:45:28 PM



#44
 2,4,5-Trichlorophenol
 Concen: 53.350 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	200958		
198	95.7	78.1	117.1	
97	61.7	41.6	62.4	
132	33.7	23.5	35.3	





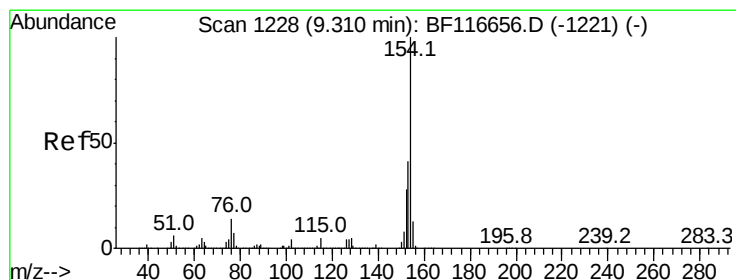
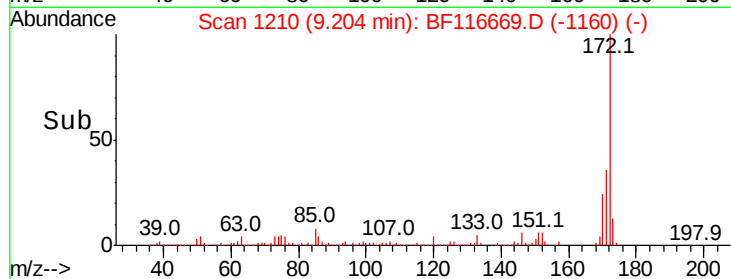
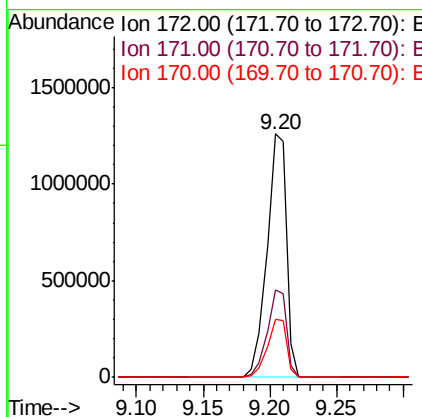
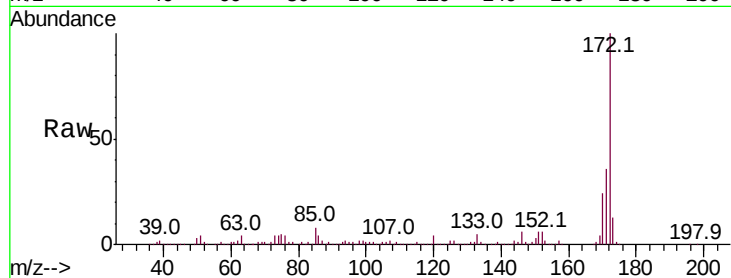
#45
2-Fluorobiphenyl
Concen: 97.614 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	23.6	18.9	28.3

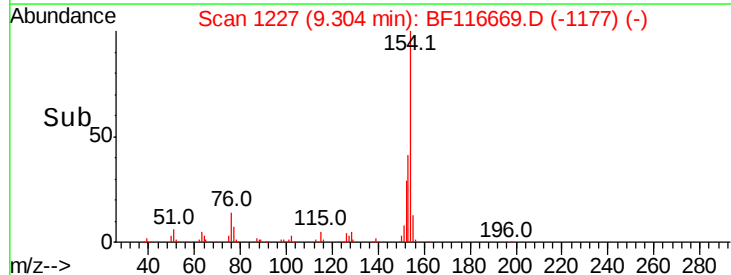
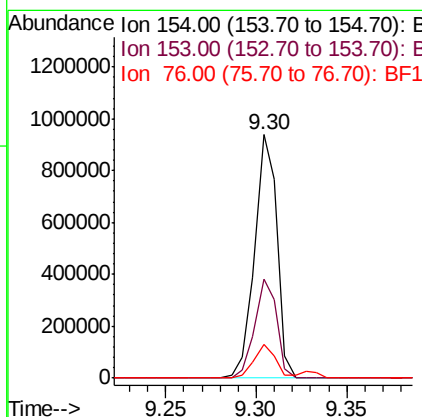
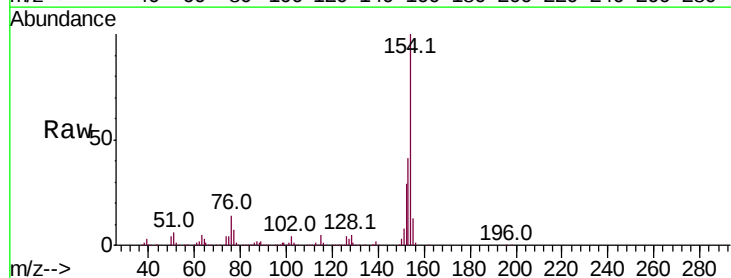
Manual Integrations
APPROVED

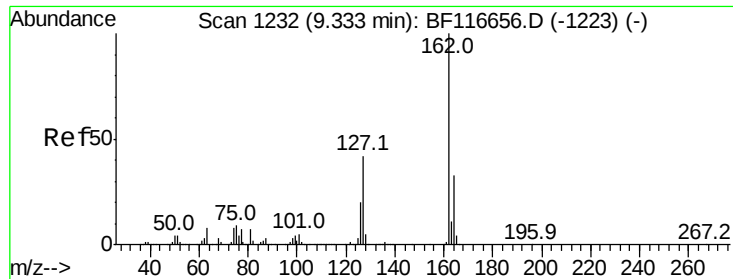
mohammad
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#46
1,1'-Biphenyl
Concen: 47.871 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	14.0	0.0	30.9





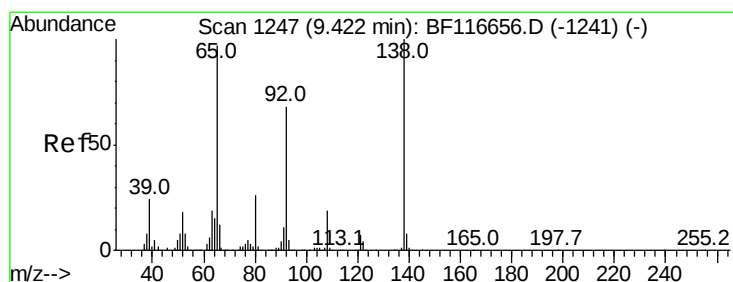
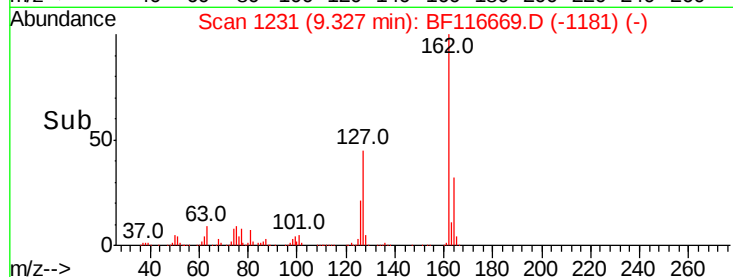
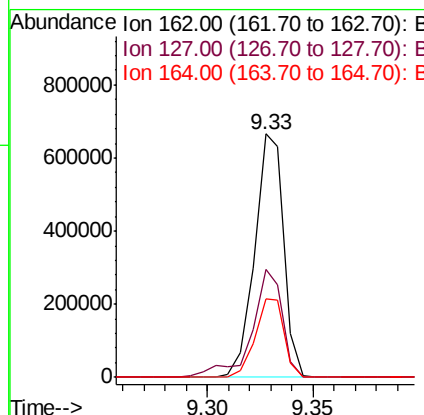
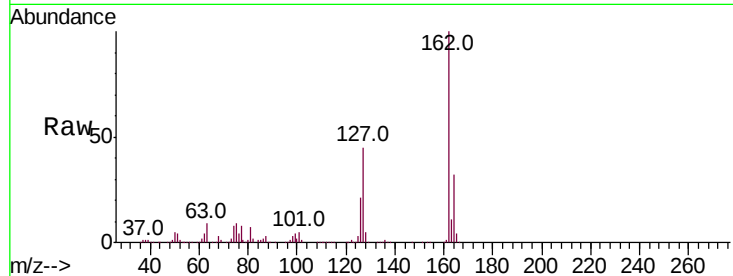
#47
2-Chloronaphthalene
Concen: 47.773 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	633944		
127	44.6	33.4	50.2	
164	32.1	26.6	39.8	

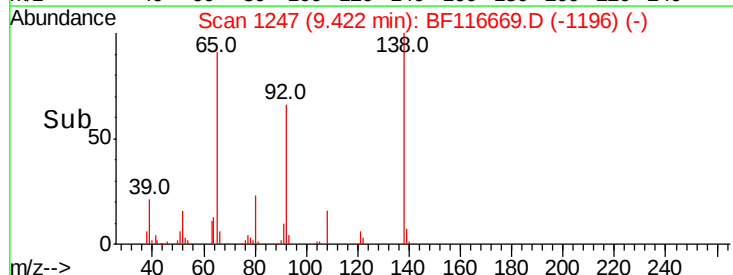
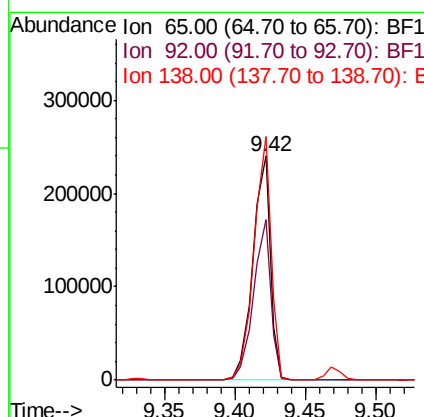
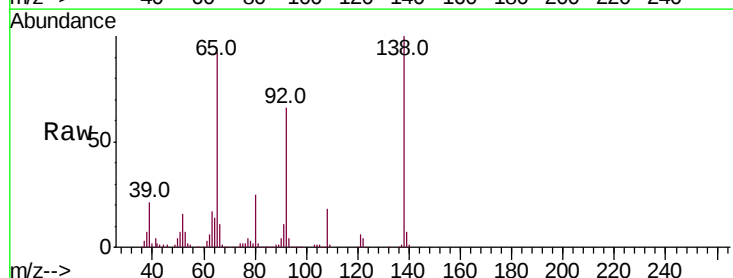
Manual Integrations
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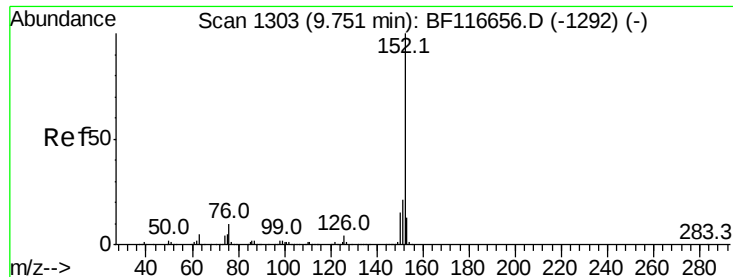
mohammad
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#48
2-Nitroaniline
Concen: 55.047 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	211183		
92	71.5	57.1	85.7	
138	108.7	88.2	132.2	





#49

Acenaphthylene

Concen: 50.625 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

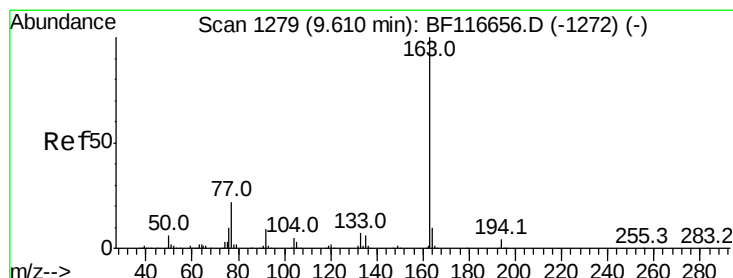
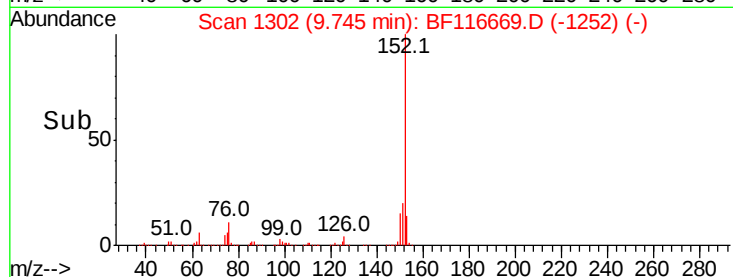
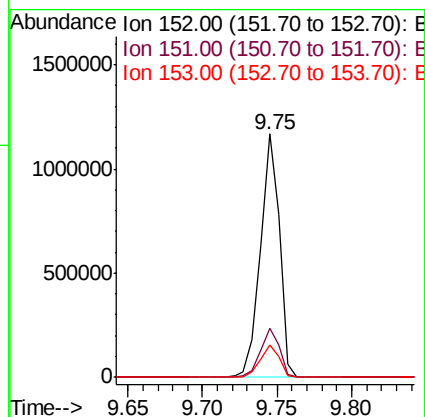
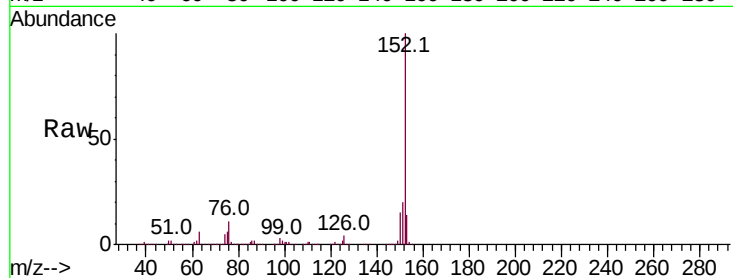
ClientSampleId :

SB-12-COMPMSD

Tot Ion:	152	Resp:	1015500
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.6	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 60.466 ng

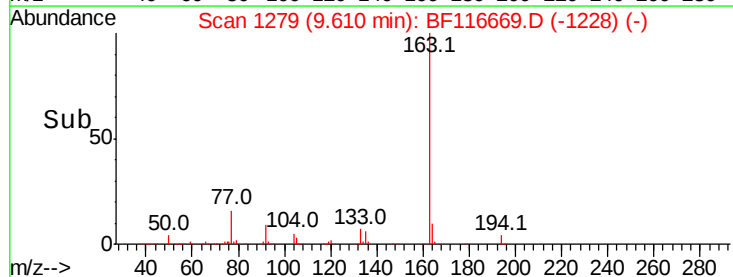
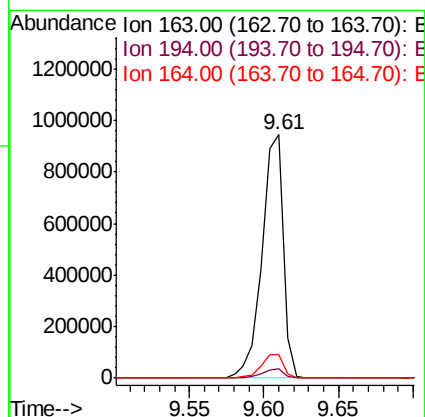
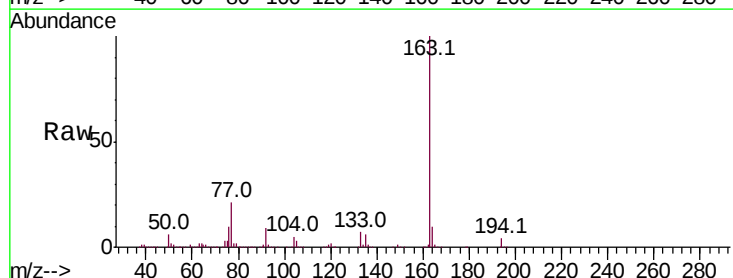
RT: 9.61 min Scan# 1279

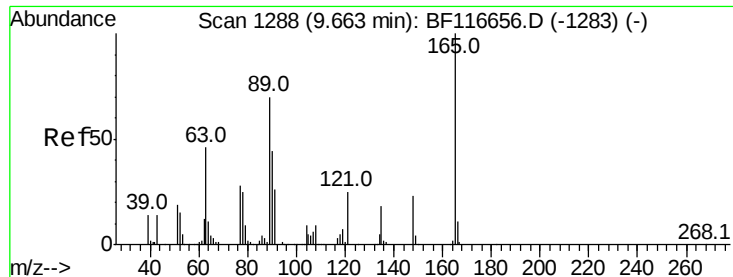
Delta R.T. -0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion:	163	Resp:	921728
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.8	4.2
164	9.7	8.6	12.8





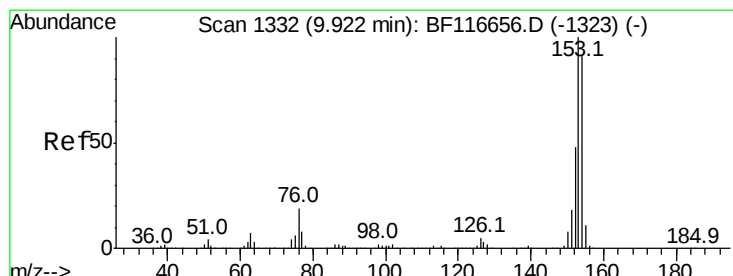
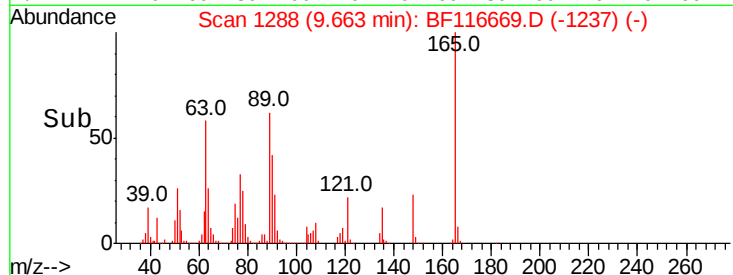
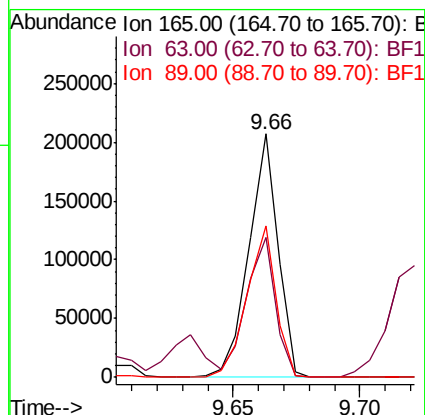
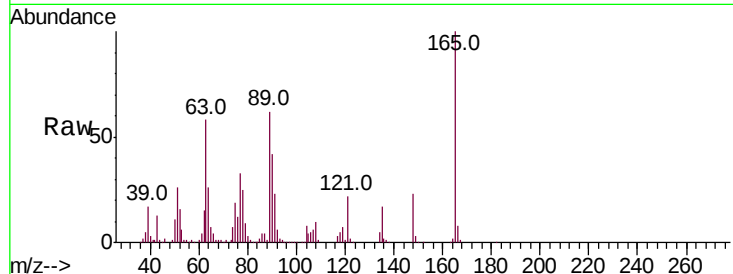
#51
2,6-Dinitrotoluene
Concen: 57.125 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	166142		
63	57.6	47.3	70.9	
89	62.0	52.5	78.7	

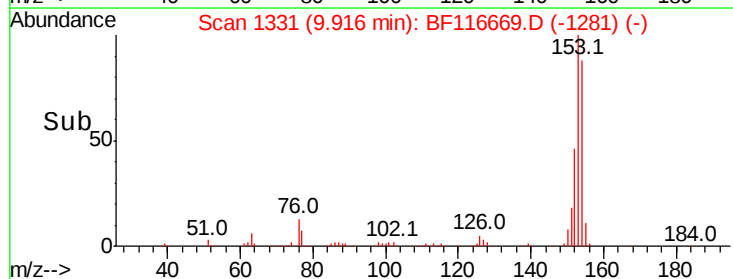
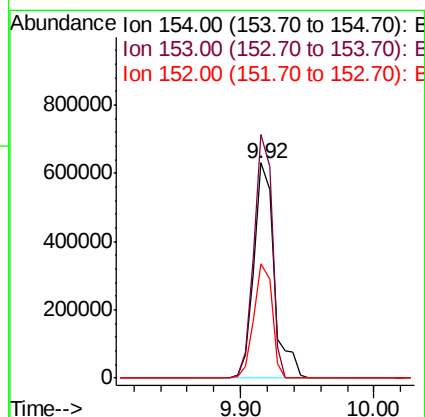
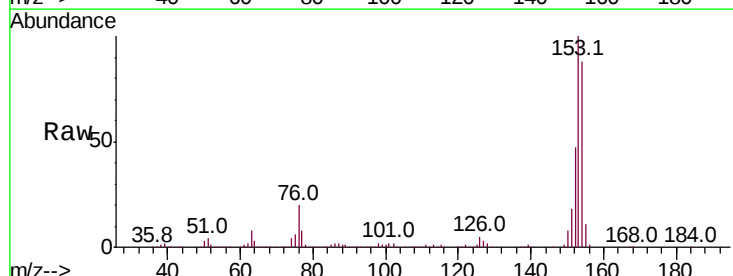
Manual Integrations
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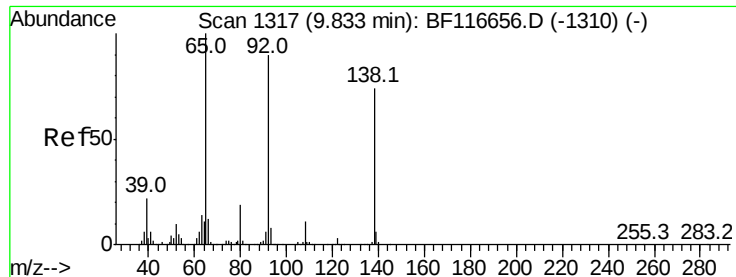
mohammad
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#52
Acenaphthene
Concen: 52.885 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	651817		
153	113.0	89.5	134.3	
152	53.0	41.9	62.9	





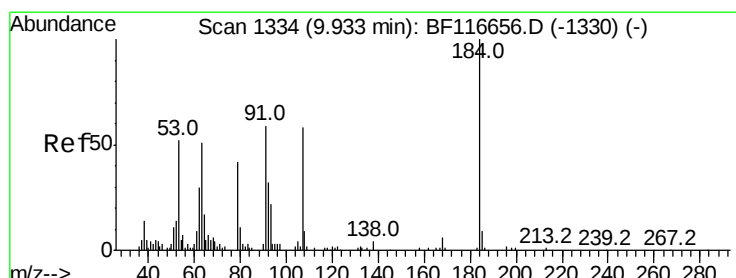
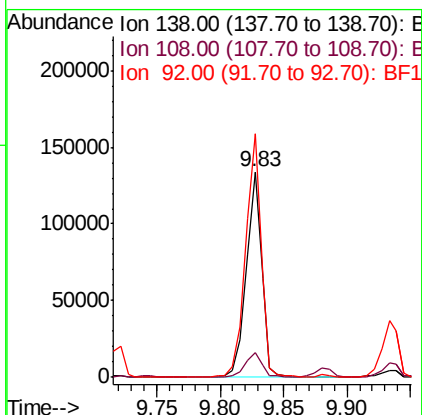
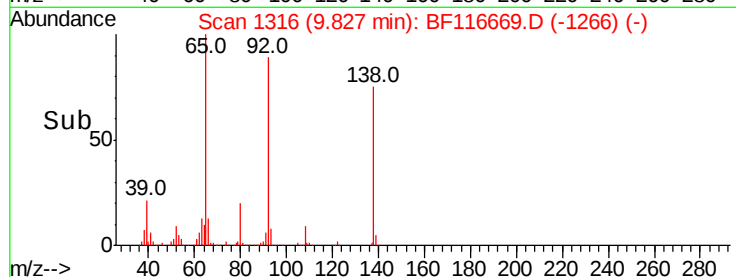
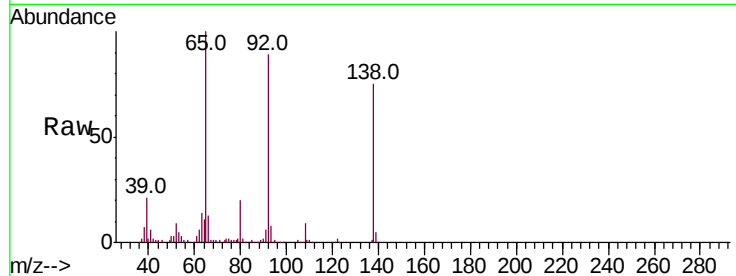
#53
3-Nitroaniline
Concen: 30.916 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	112681		
108	11.9	8.5	12.7	
92	118.4	87.2	130.8	

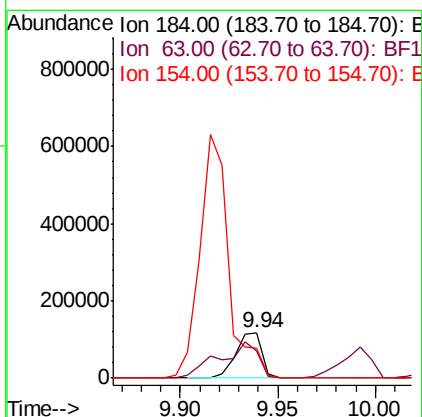
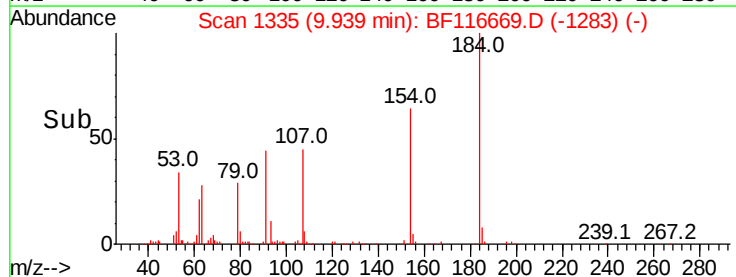
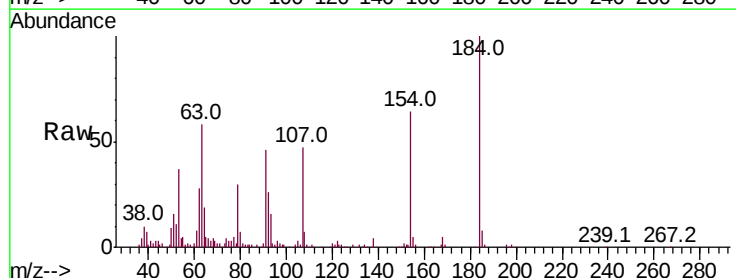
Manual Integrations
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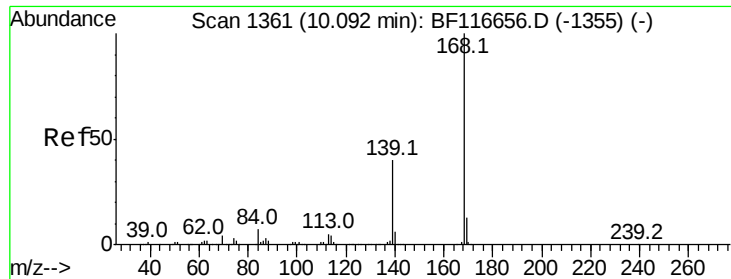
mohammad
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#54
2,4-Dinitrophenol
Concen: 103.465 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	109859		
63	58.2	52.2	78.2	
154	64.3	60.8	91.2	





#55

Dibenzofuran

Concen: 50.735 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

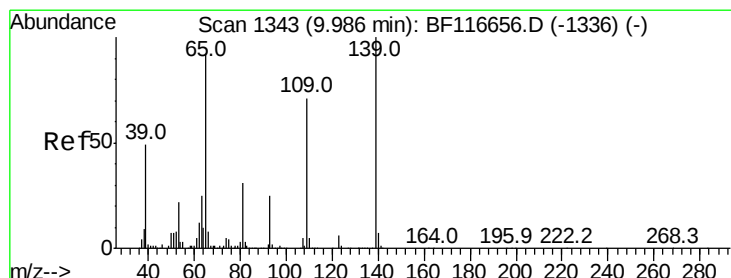
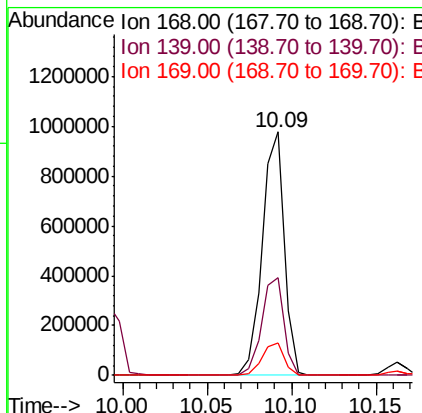
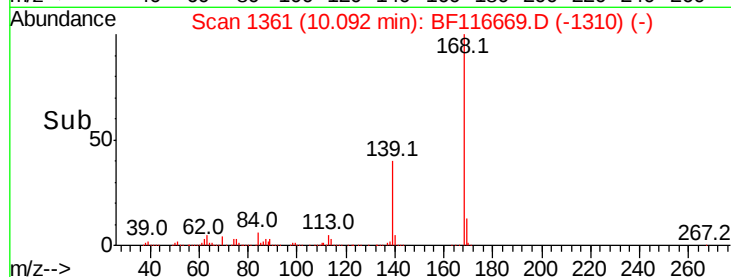
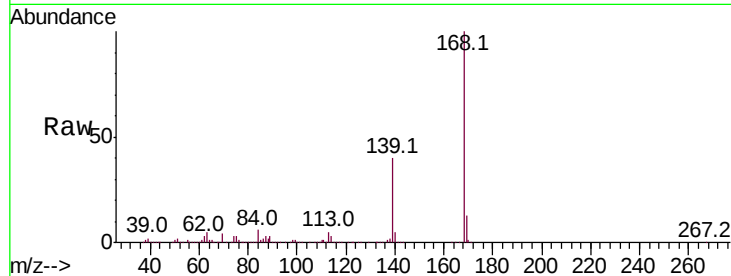
ClientSampleId :

SB-12-COMPMSD

Tot Ion:	168	Resp:	881513
Ion Ratio	Lower	Upper	
168	100		
139	40.2	31.5	47.3
169	13.4	10.3	15.5

Manual Integrations
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#56

4-Nitrophenol

Concen: 125.041 ng

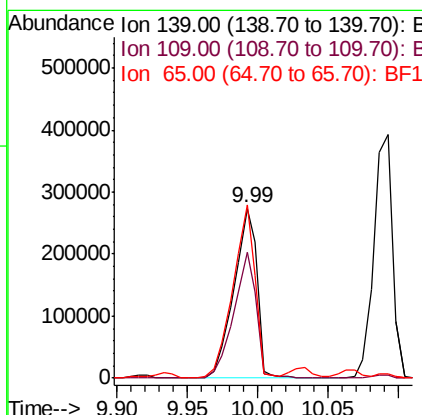
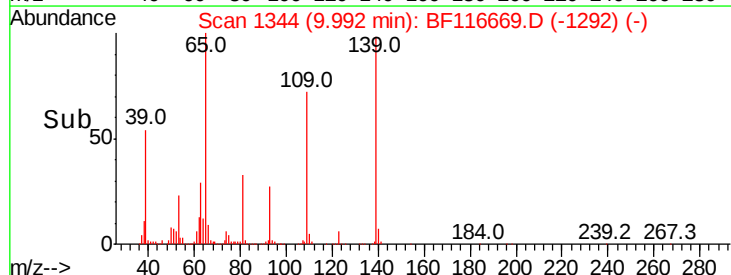
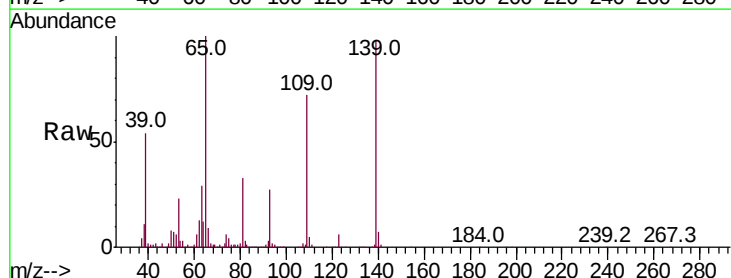
RT: 9.99 min Scan# 1344

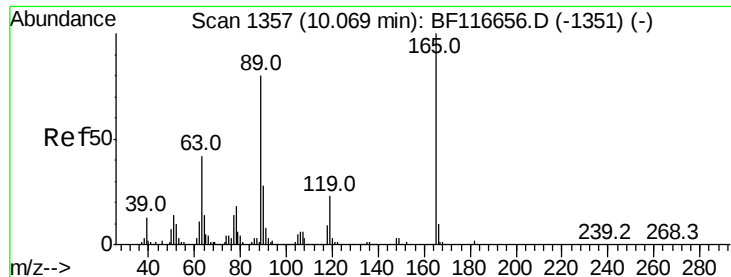
Delta R.T. 0.01 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion:	139	Resp:	312498
Ion Ratio	Lower	Upper	
139	100		
109	73.9	61.7	101.7
65	102.1	89.1	129.1





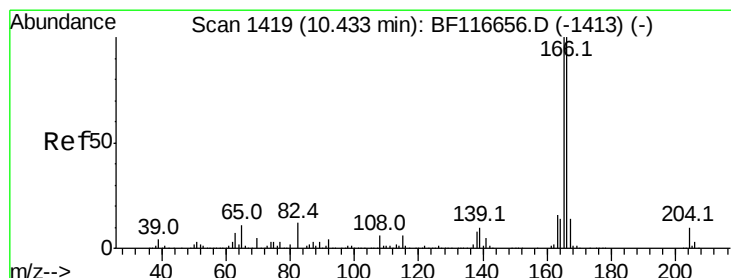
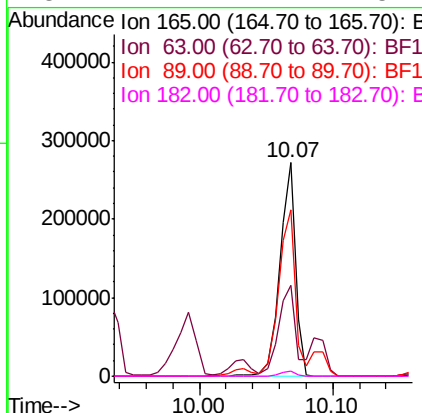
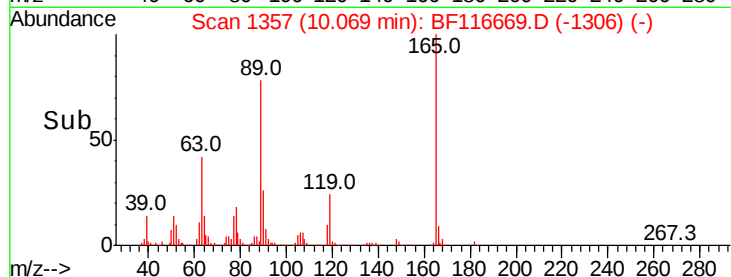
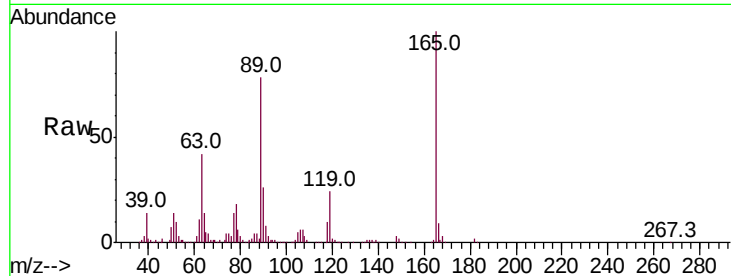
#57
2,4-Dinitrotoluene
Concen: 64.022 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	36.4	54.6
89	78.0	62.6	94.0
182	2.4	2.1	3.1

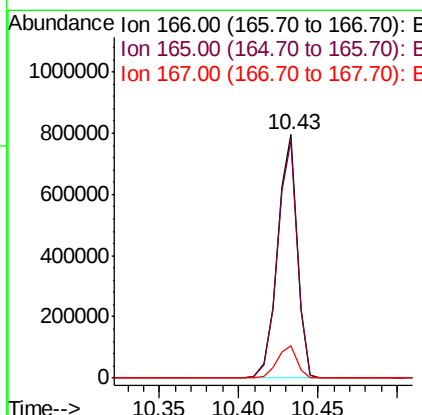
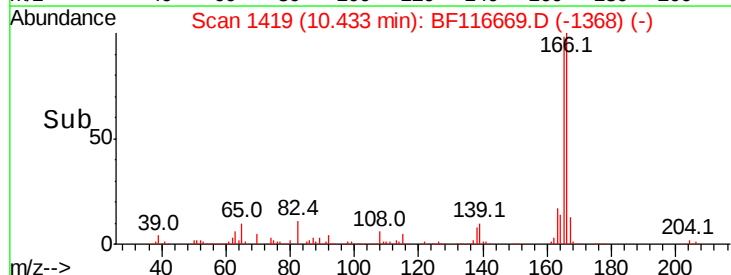
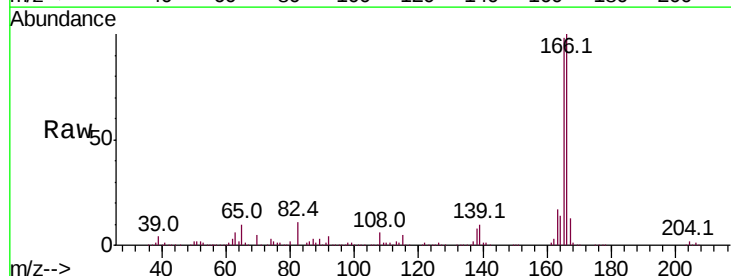
Manual Integrations
APPROVED

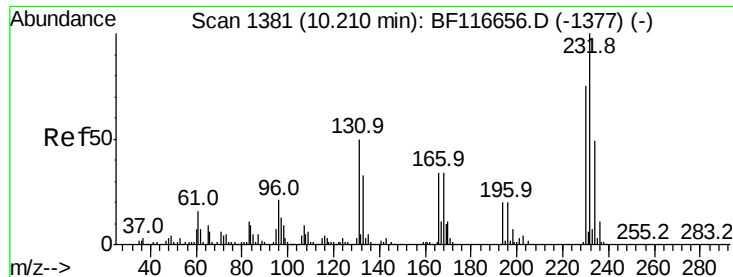
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#58
Fluorene
Concen: 51.599 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.8	118.2
167	13.4	10.0	15.0





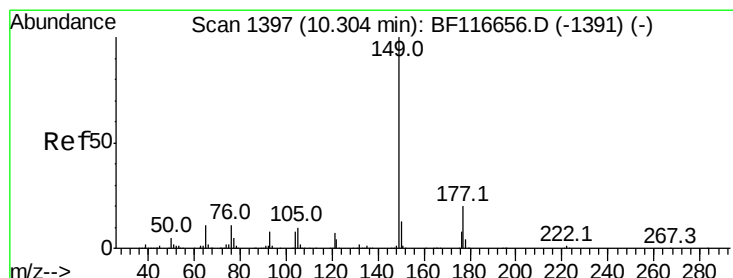
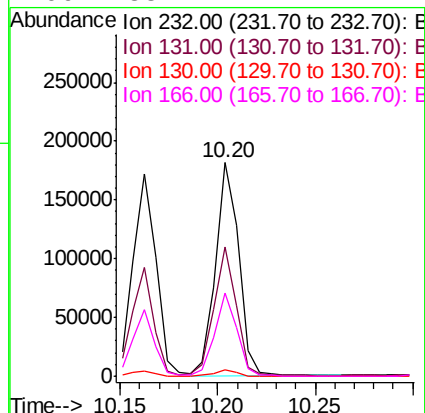
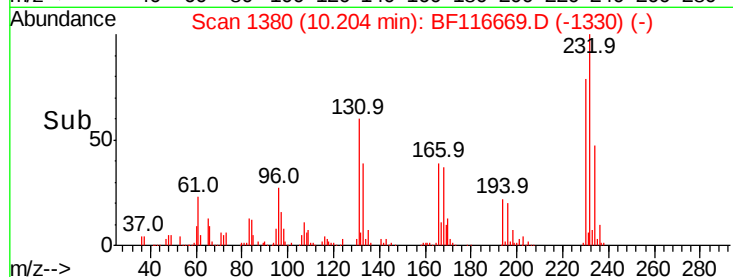
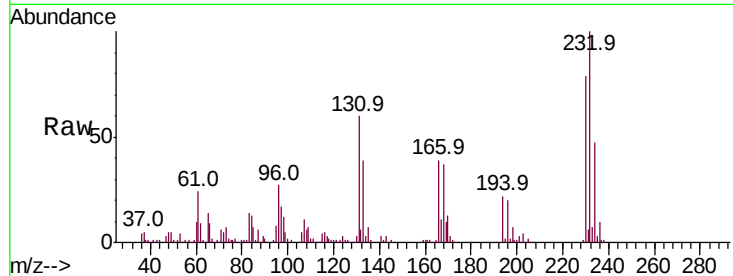
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.034 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	149611		
131	58.6	42.7	64.1	
130	2.9	1.9	2.9	
166	38.2	27.4	41.2	

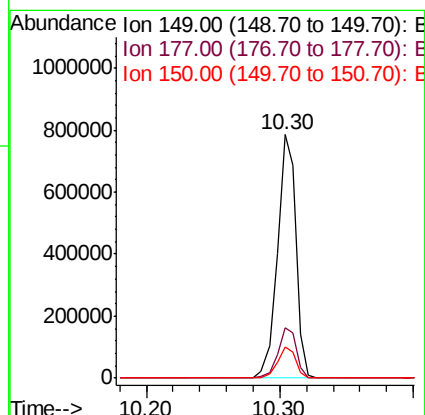
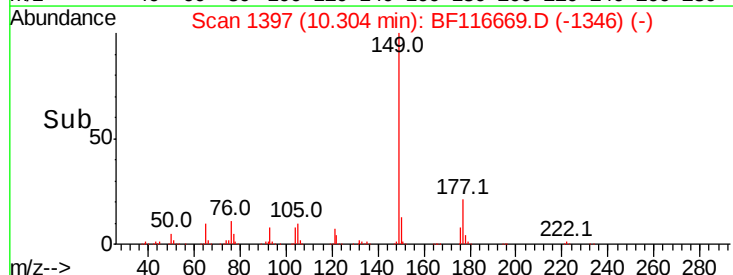
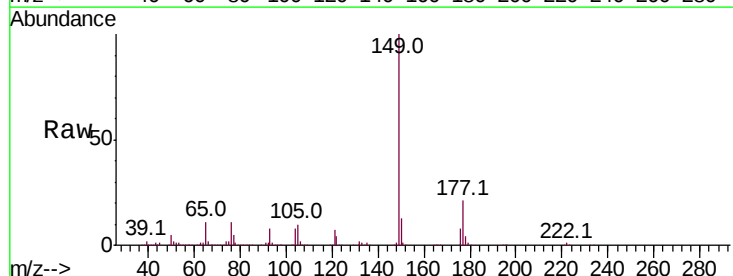
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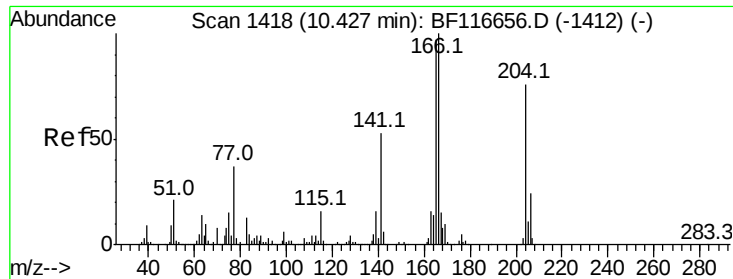
mohammad
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#60
Diethylphthalate
Concen: 49.943 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	762613		
177	20.9	17.2	25.8	
150	12.9	9.7	14.5	





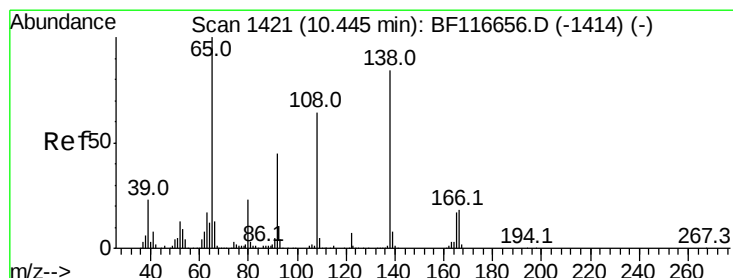
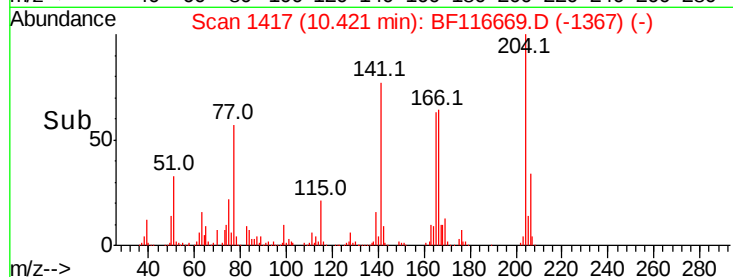
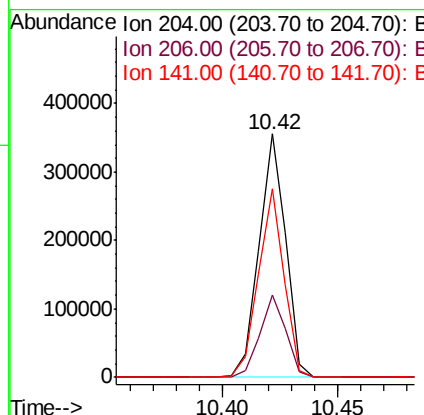
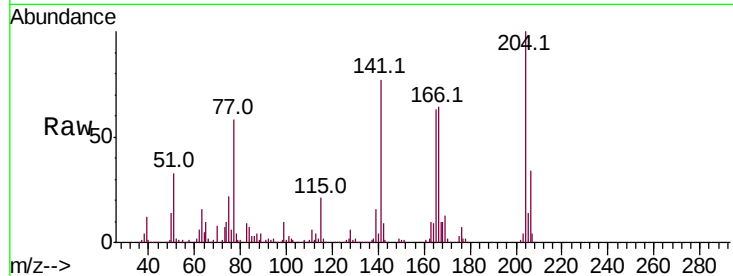
#61
4-Chlorophenyl-phenylether
Concen: 49.234 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	285428		
206	33.8	25.4	38.2	
141	77.3	53.8	80.8	

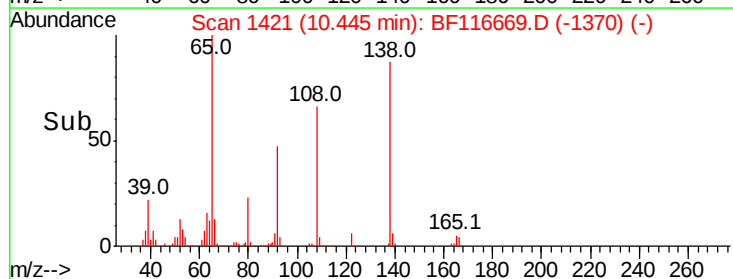
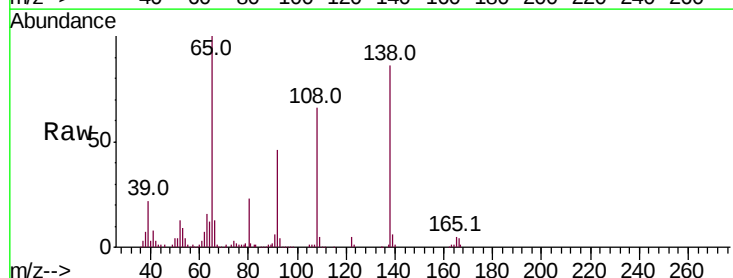
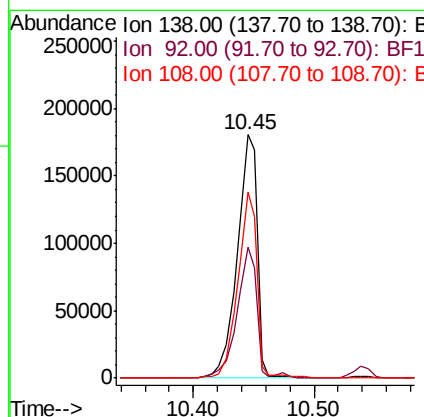
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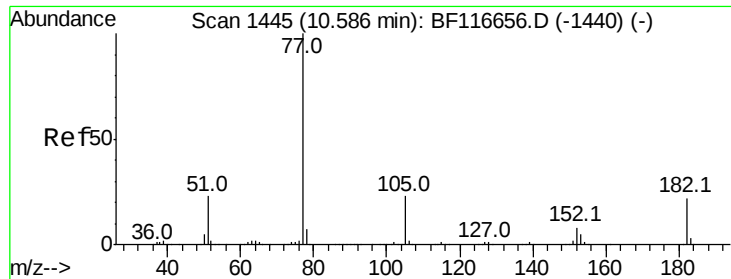
mohammad
8/31/2019 2:45:28 PM



#62
4-Nitroaniline
Concen: 59.012 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	208734		
92	54.0	28.7	68.7	
108	76.5	60.4	100.4	





#63

Azobenzene

Concen: 51.420 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

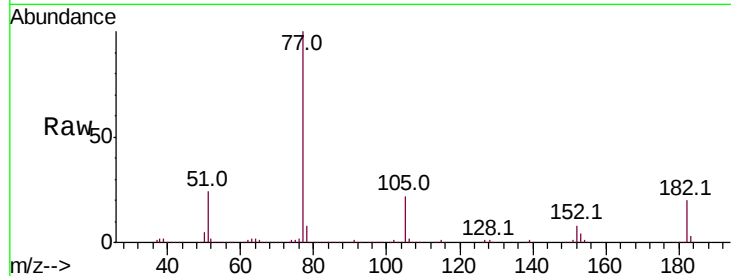
ClientSampleId :

SB-12-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	19.9	1.2	41.2		
105	21.8	0.6	40.6		
51	24.0	8.2	48.2		

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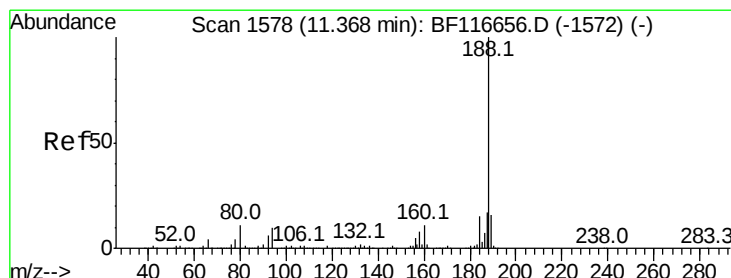
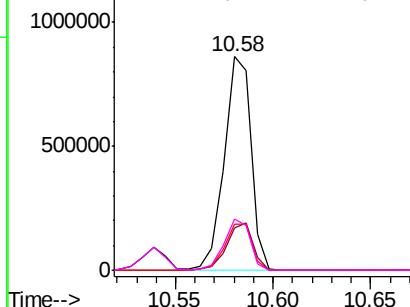
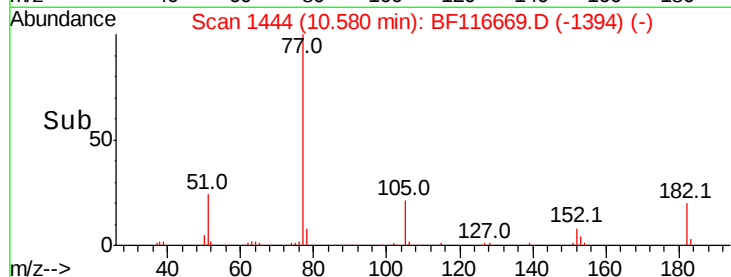


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

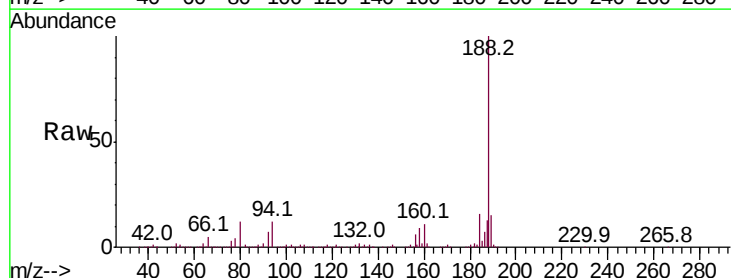
RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

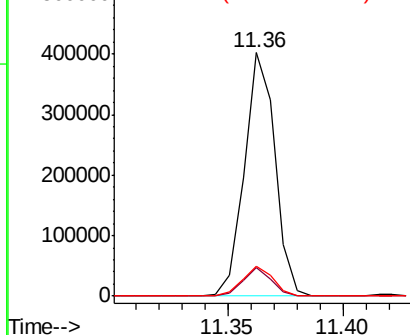
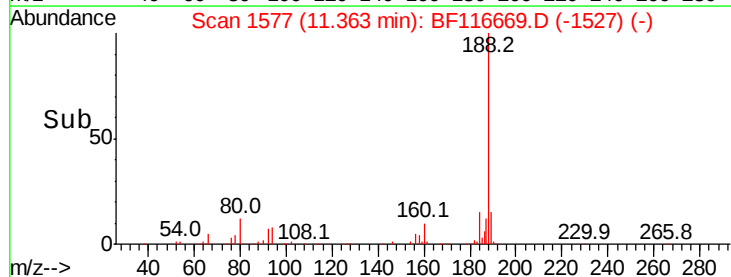
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.6	7.3	10.9#		
80	12.3	8.4	12.6		

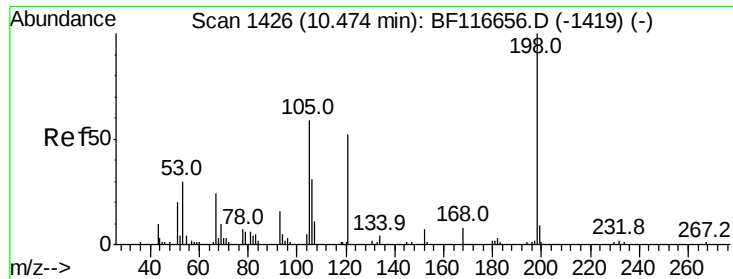


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 59.914 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

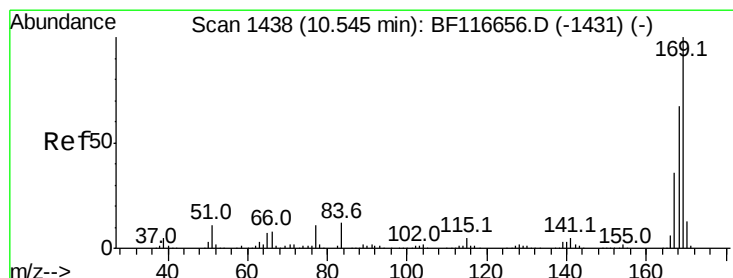
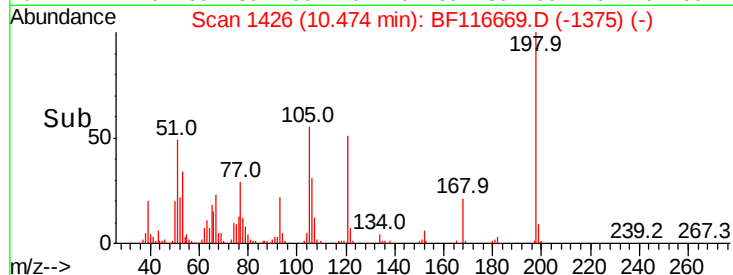
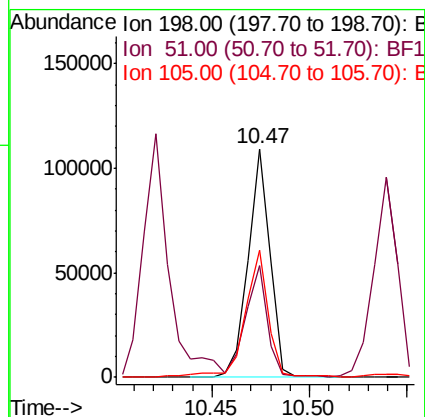
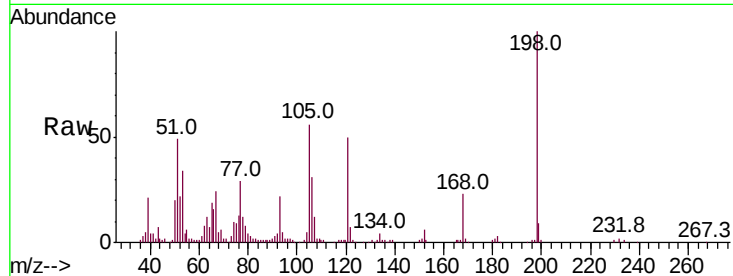
ClientSampleId :

SB-12-COMPMSD

Tot Ion:	198	Resp:	85309
Ion Ratio	Lower	Upper	
198	100		
51	49.0	18.4	58.4
105	55.9	22.9	62.9

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#66

n-Nitrosodiphenylamine

Concen: 49.709 ng

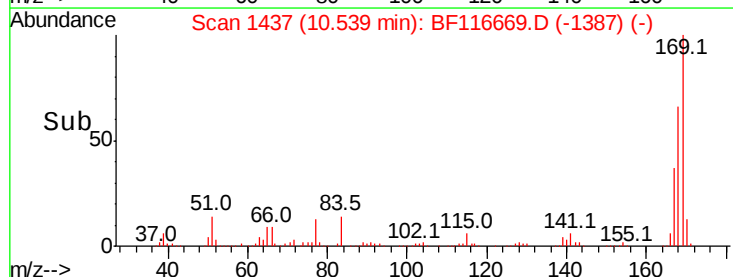
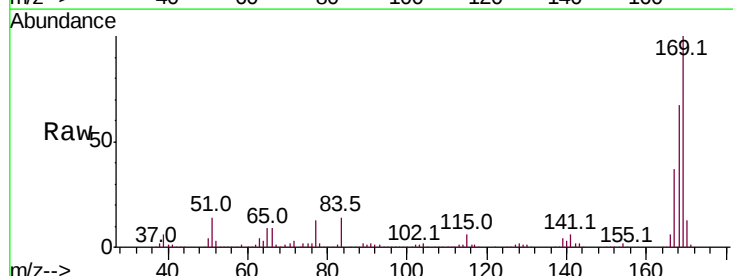
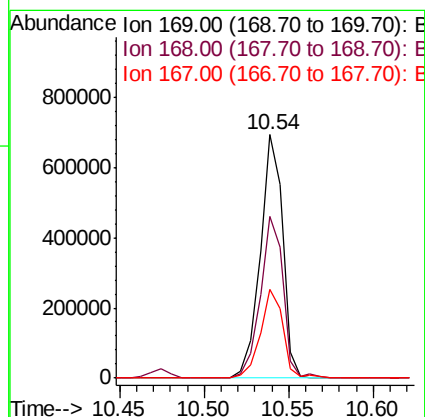
RT: 10.54 min Scan# 1437

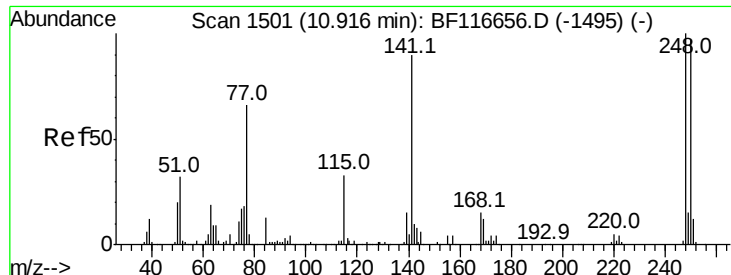
Delta R.T. -0.01 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion:	169	Resp:	641376
Ion Ratio	Lower	Upper	
169	100		
168	66.5	55.8	83.6
167	36.6	29.4	44.2





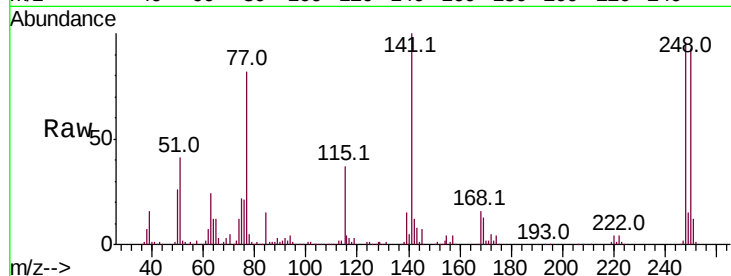
#67
 4-Bromophenyl-phenylether
 Concen: 46.210 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPMSD

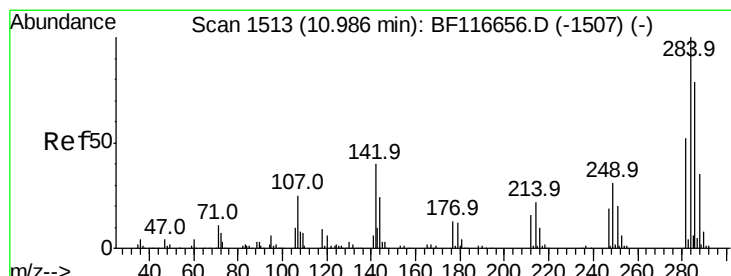
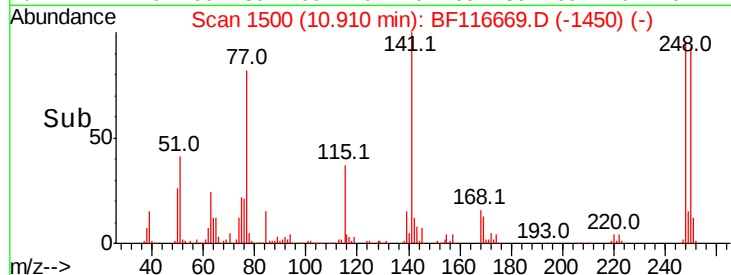
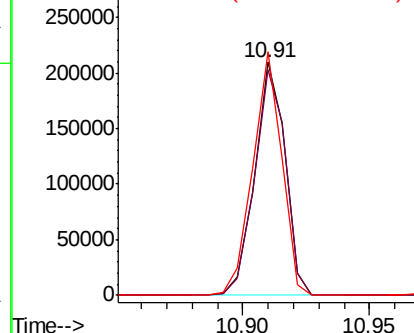
Tot Ion:	248	Resp:	175088
Ion Ratio	Lower	Upper	
248	100		
250	96.9	77.8	116.8
141	104.5	75.9	113.9

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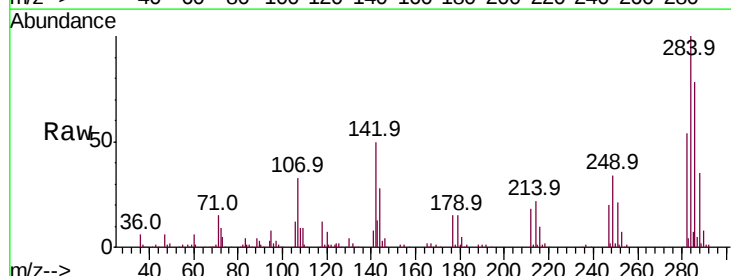


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

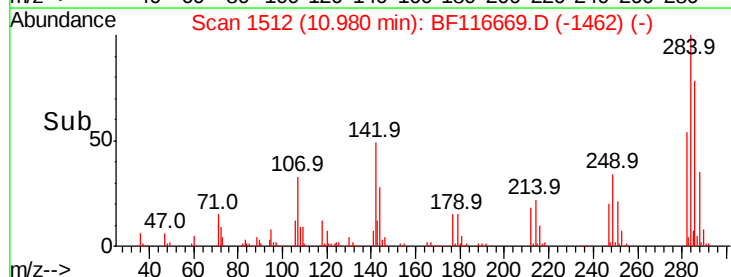
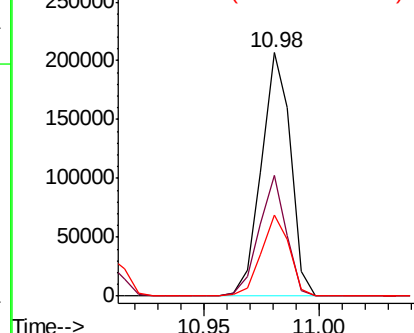


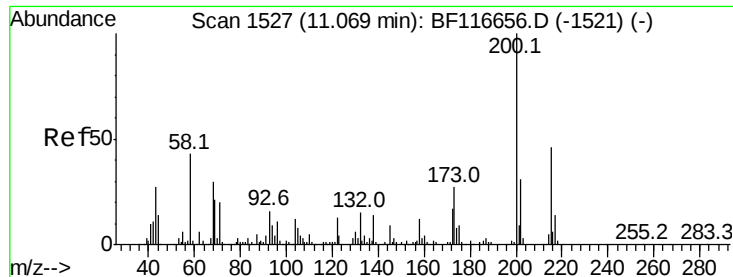
#68
 Hexachlorobenzene
 Concen: 46.059 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Tgt Ion:	284	Resp:	182592
Ion Ratio	Lower	Upper	
284	100		
142	49.6	34.0	51.0
249	33.6	26.4	39.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





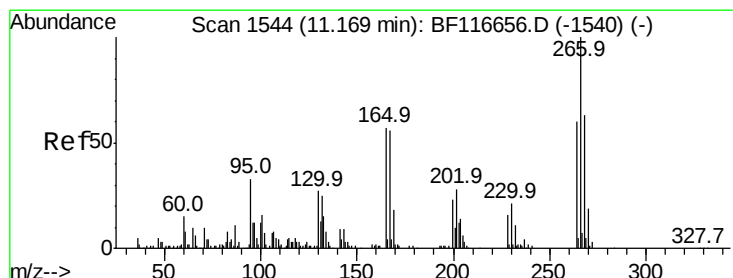
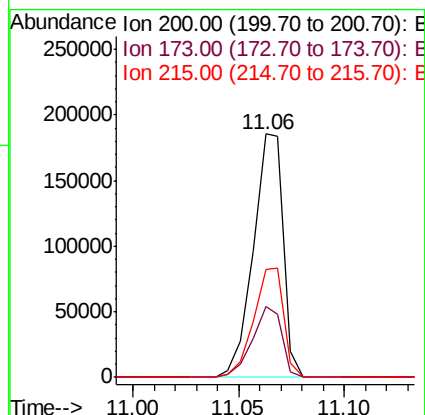
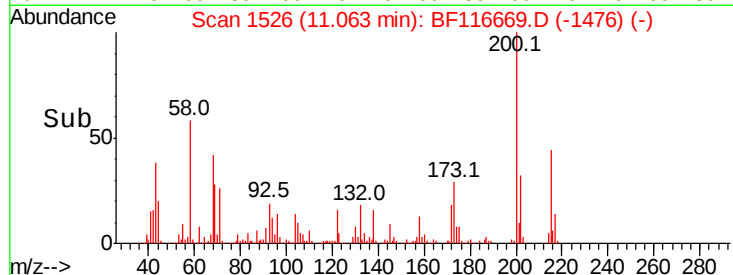
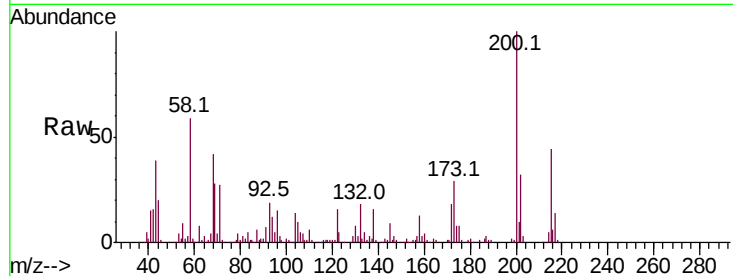
#69
Atrazine
Concen: 50.686 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	6.2	46.2
215	44.1	24.3	64.3

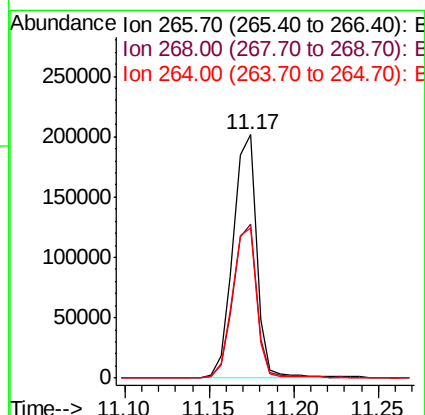
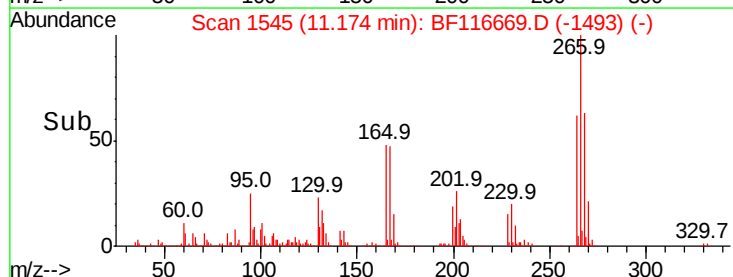
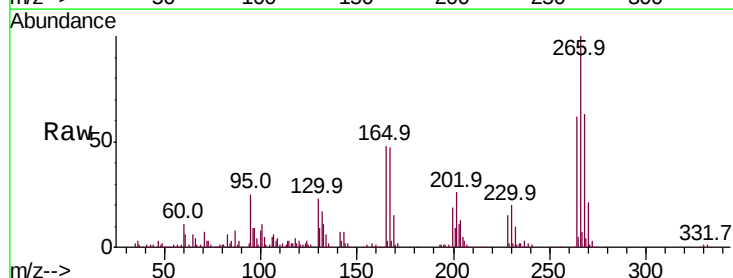
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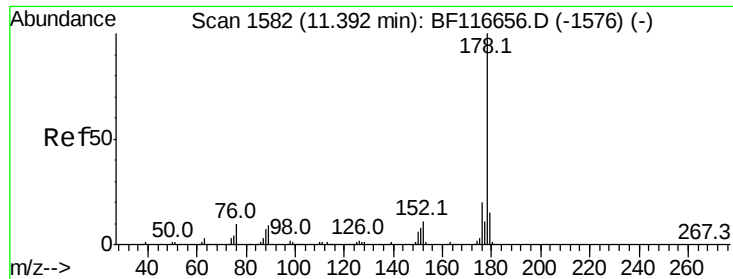
mohammad
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#70
Pentachlorophenol
Concen: 102.790 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	51.2	76.8
264	61.7	51.9	77.9





#71

Phenanthrene

Concen: 50.210 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

ClientSampleId :

SB-12-COMPMSD

Tot Ion:178 Resp: 1042492

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

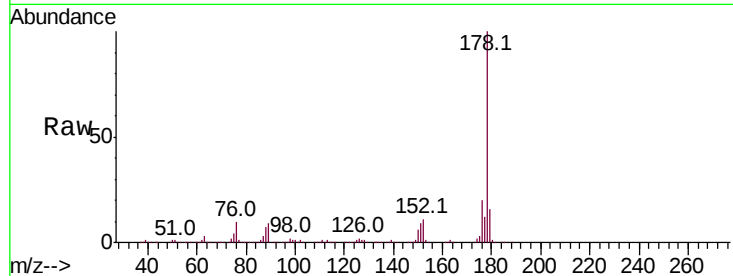
179 15.9 12.2 18.2

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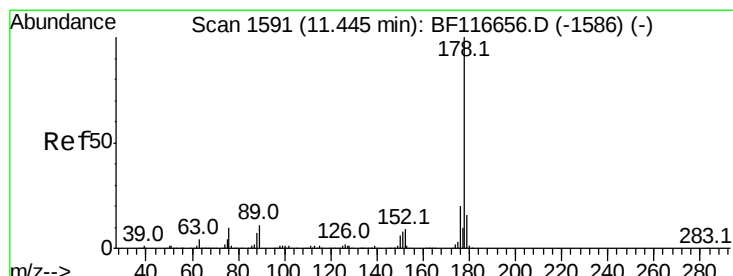
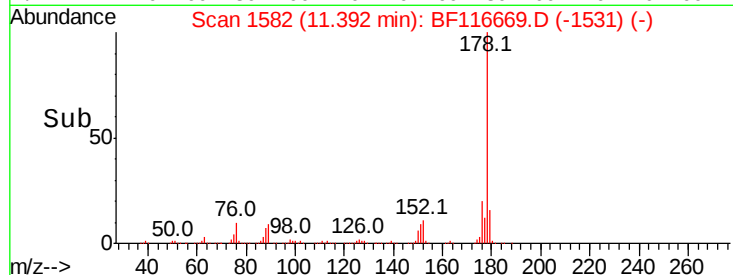
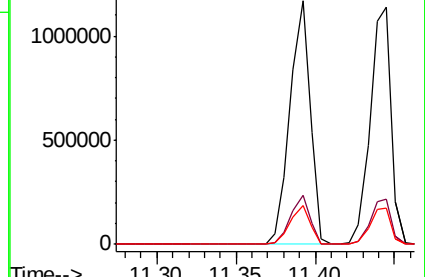
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.809 ng

RT: 11.44 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

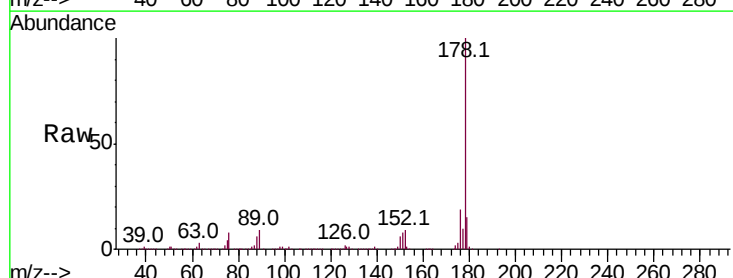
Tgt Ion:178 Resp: 1061929

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

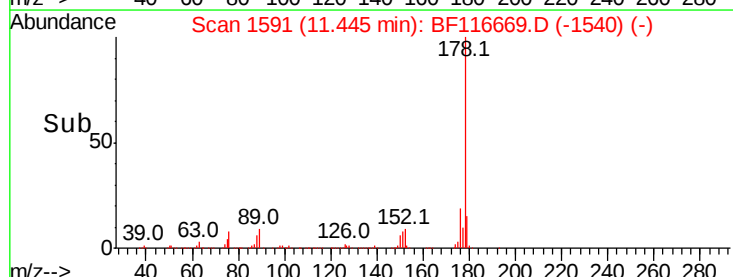
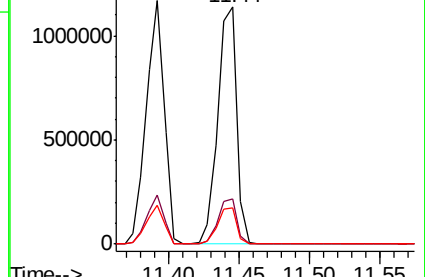
179 15.3 12.5 18.7

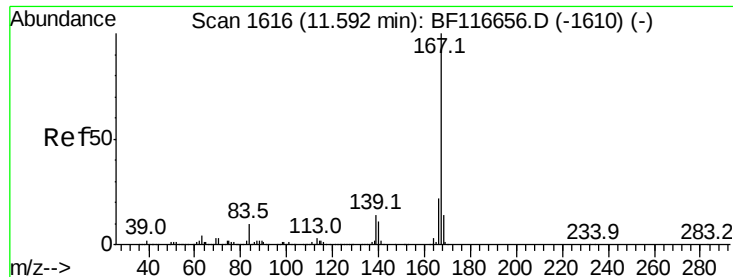


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





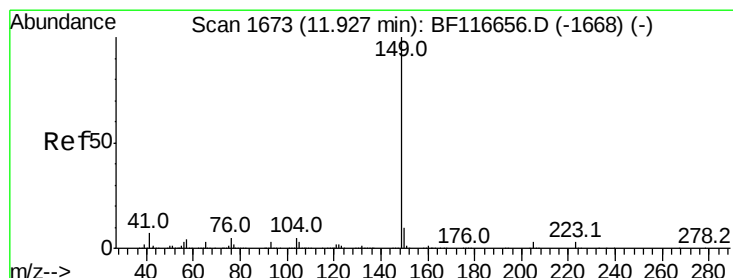
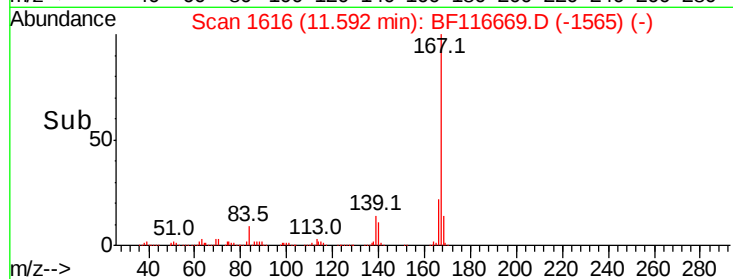
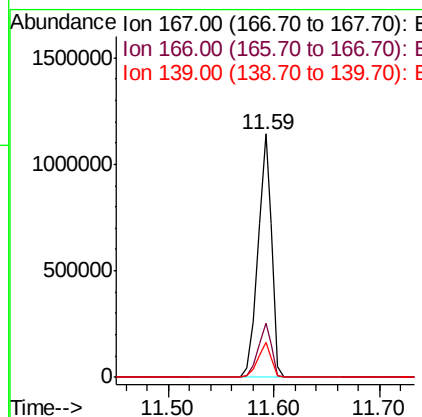
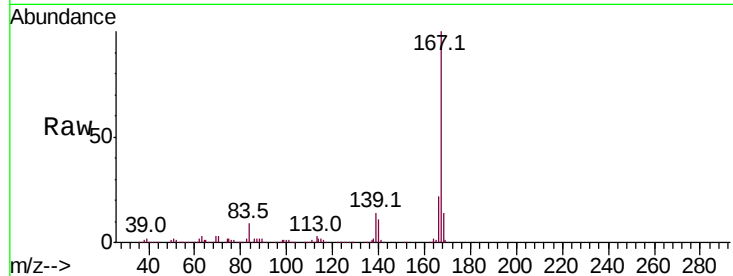
#73
 Carbazole
 Concen: 52.578 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	14.1	11.1	16.7

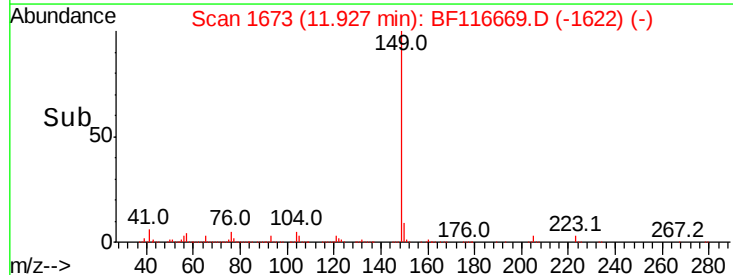
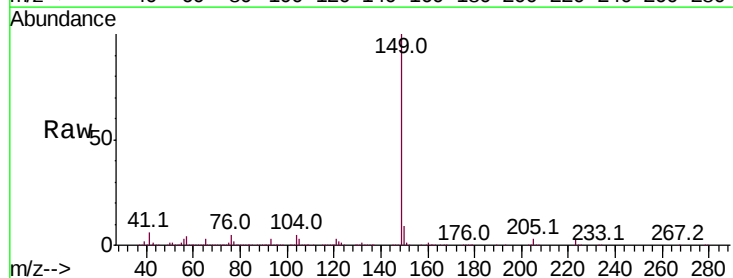
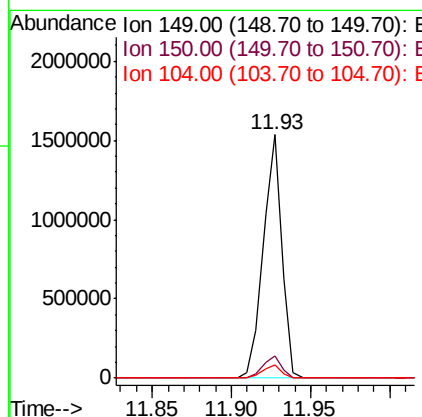
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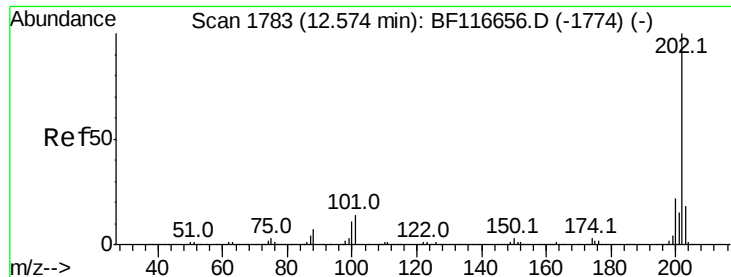
mohammad
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#74
 Di-n-butylphthalate
 Concen: 49.458 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.3	4.2	6.2





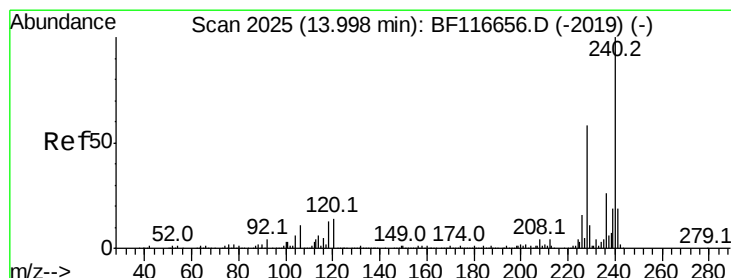
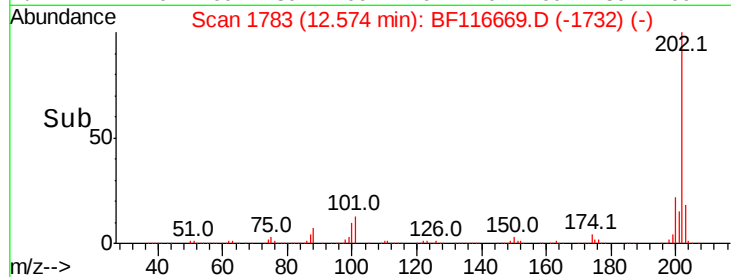
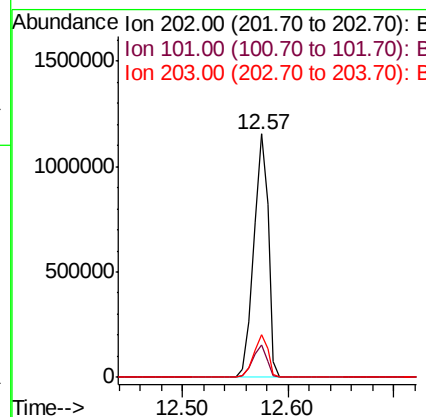
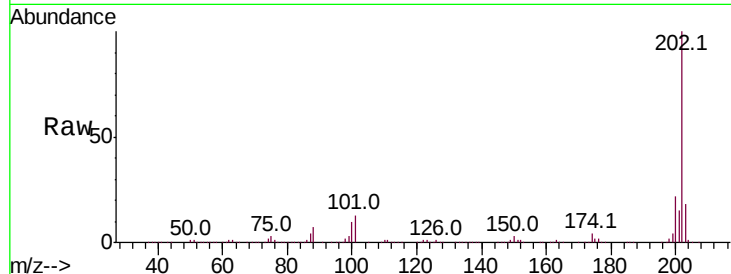
#75
Fluoranthene
 Concen: 53.737 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPMSD

Tot Ion:	202	Resp:	1096473
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.3
203	17.6	0.0	37.6

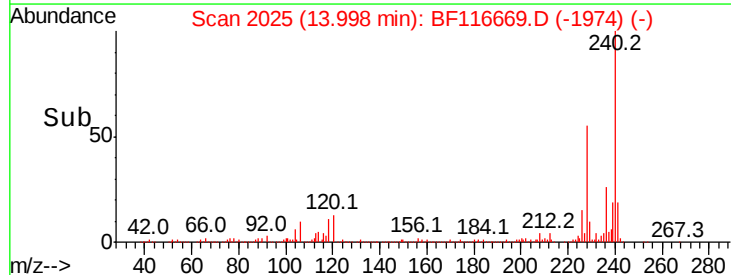
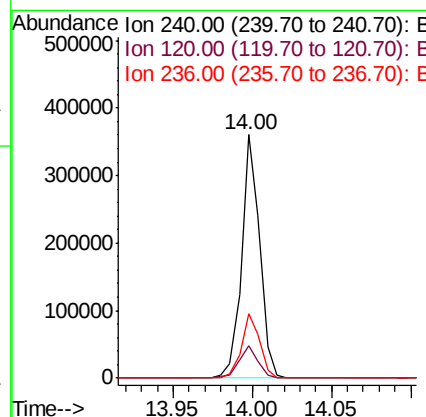
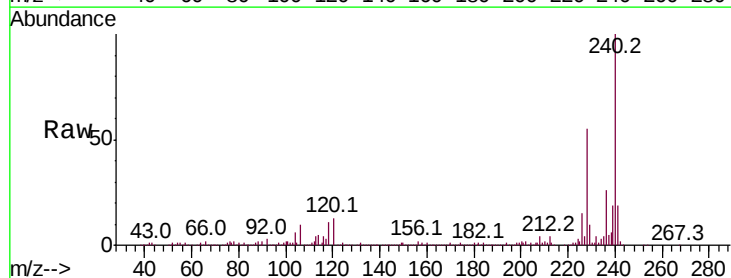
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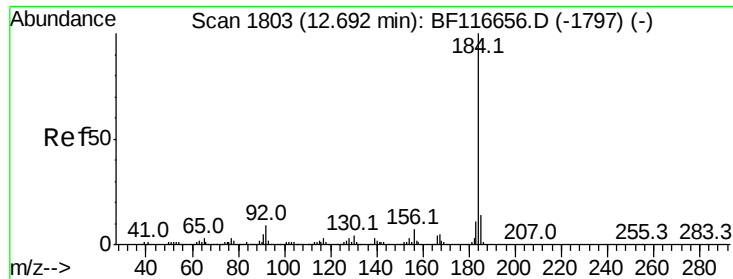
mohammad
 8/31/2019 2:45:28 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Tgt Ion:	240	Resp:	284539
Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.1	13.7
236	26.2	21.1	31.7





#77

Benzidine

Concen: 45.798 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Instrument :

BNA_F

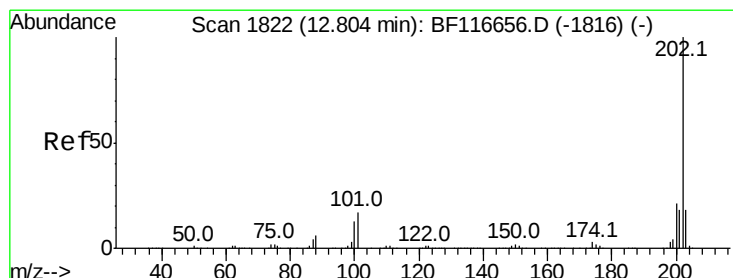
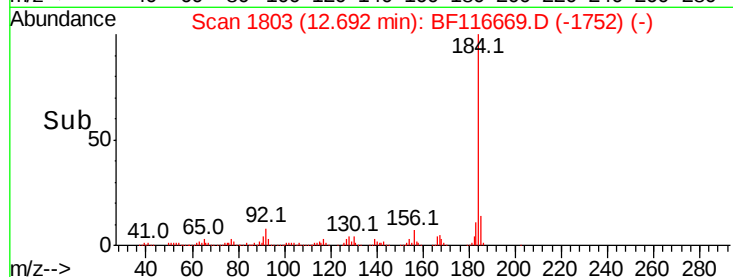
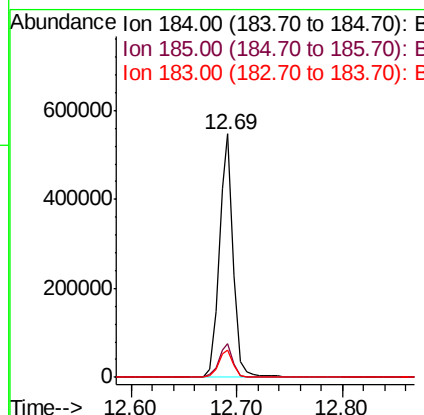
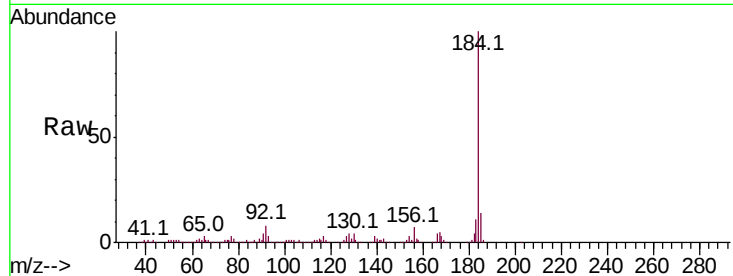
ClientSampleId :

SB-12-COMPMSD

Tot Ion:	184	Resp:	511119
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.3	16.9
183	11.3	9.2	13.8

Manual Integrations
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#78

Pyrene

Concen: 44.345 ng

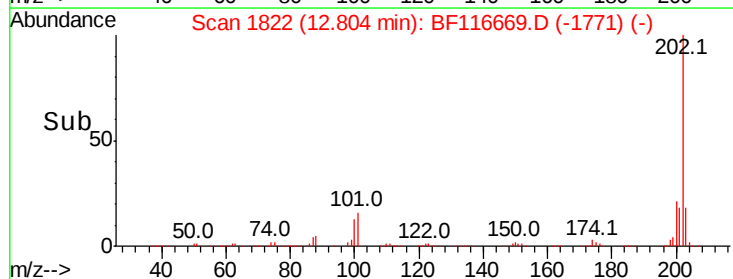
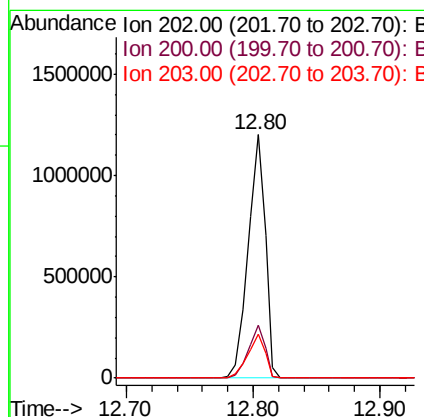
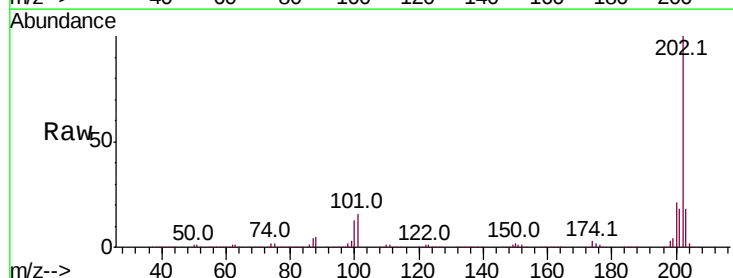
RT: 12.80 min Scan# 1822

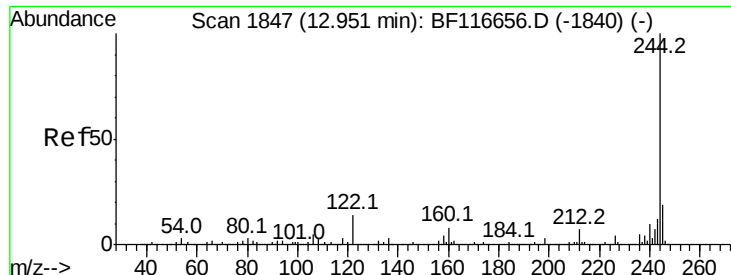
Delta R.T. 0.00 min

Lab File: BF116669.D

Acq: 31 Aug 2019 00:09

Tgt Ion:	202	Resp:	1121655
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.5	24.7
203	18.0	13.7	20.5





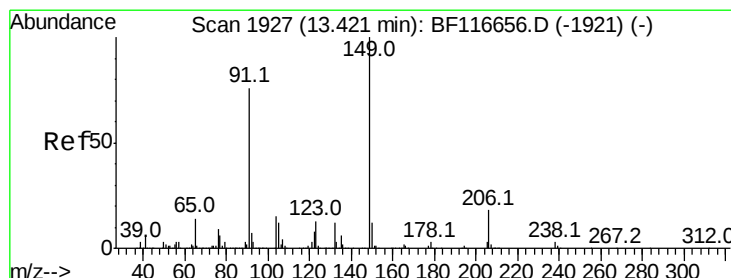
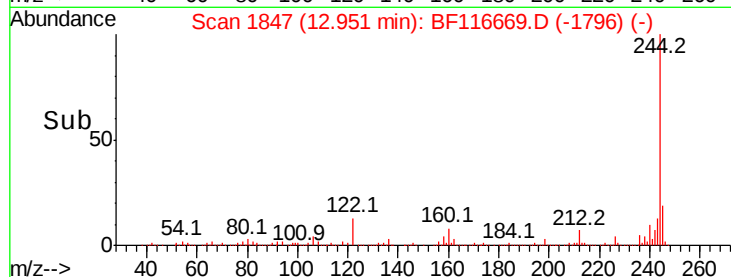
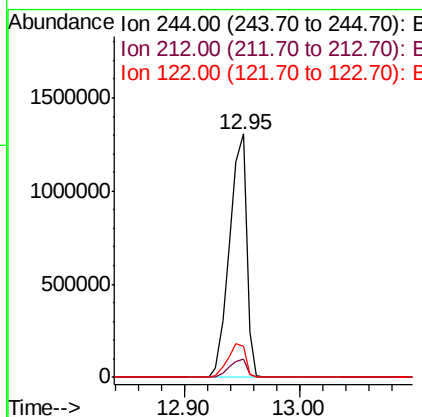
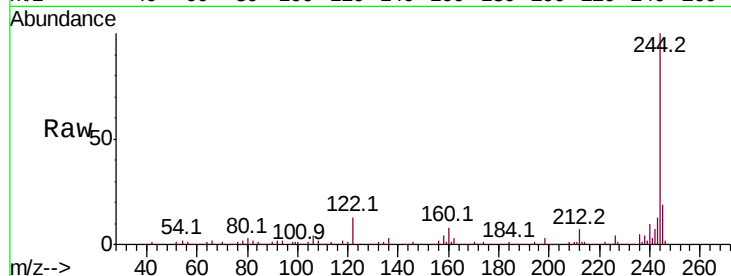
#79
 Terphenyl-d14
 Concen: 86.951 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.6	10.2	15.4

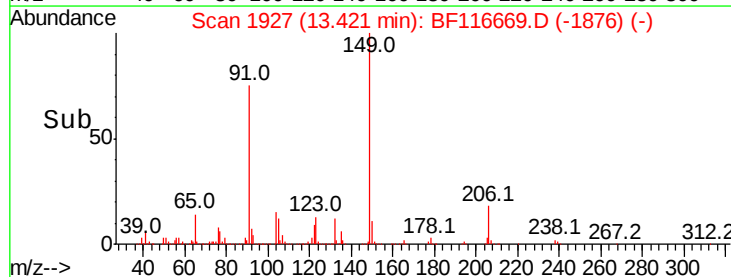
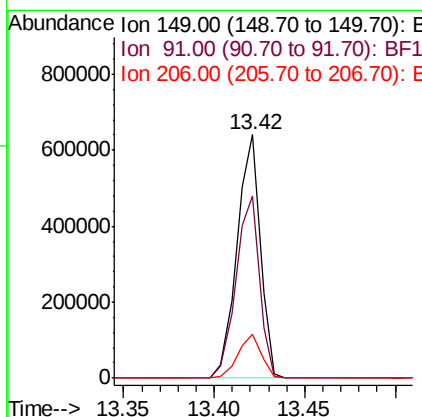
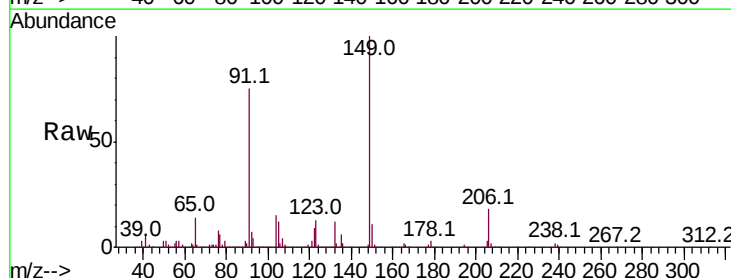
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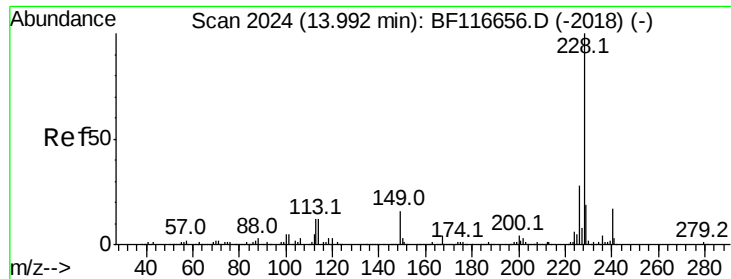
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.428 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.6	61.0	91.4
206	18.1	14.8	22.2





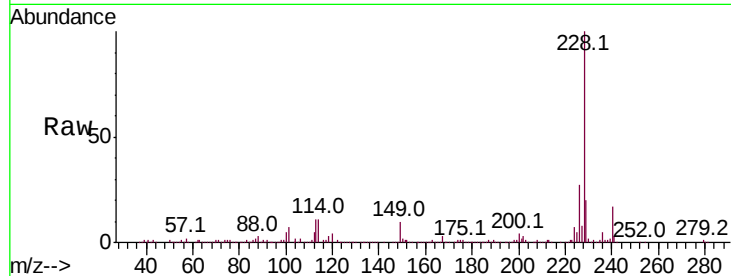
#81
Benzo(a)anthracene
Concen: 47.209 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	19.9	16.4	24.6

Manual Integrations
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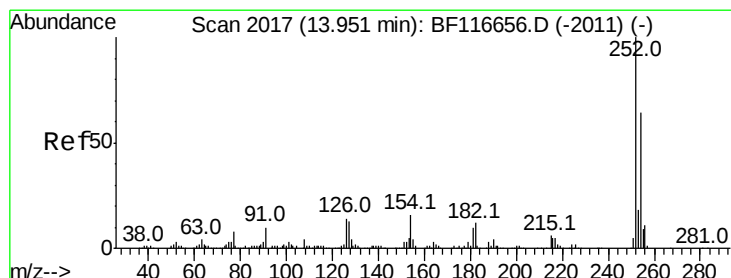
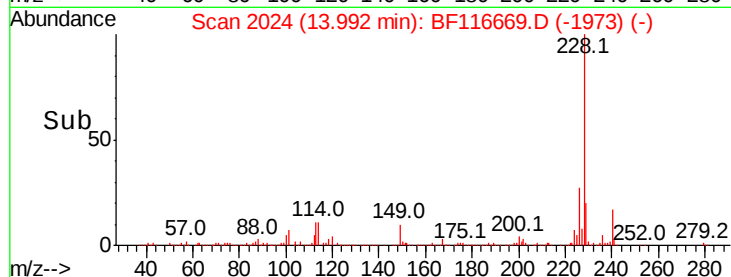
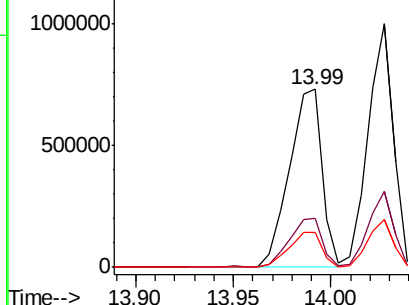


Abundance

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: 36.542 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

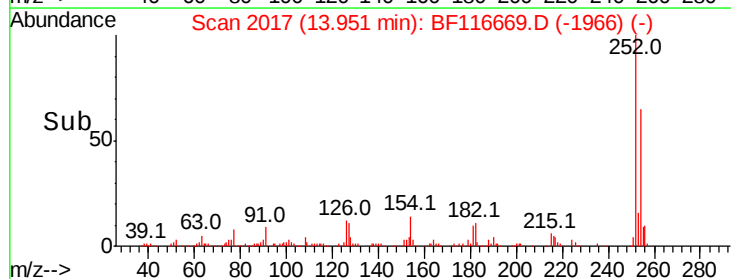
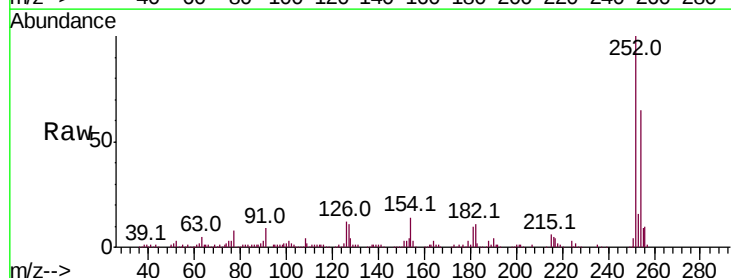
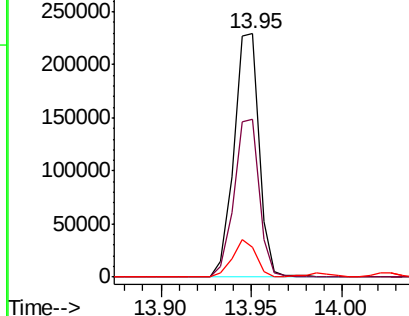
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.1	75.1
126	12.4	10.6	16.0

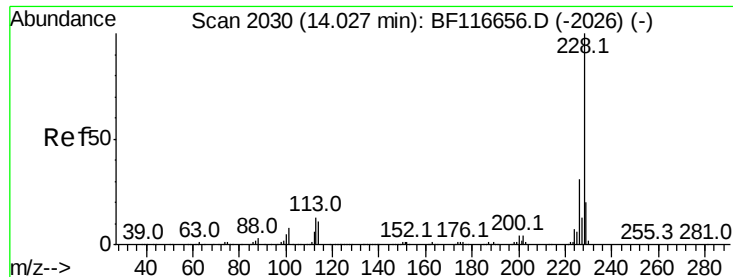
Abundance

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





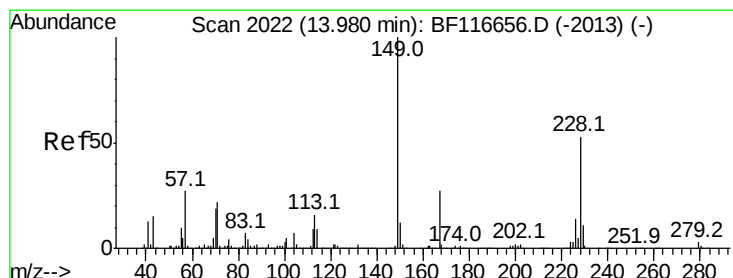
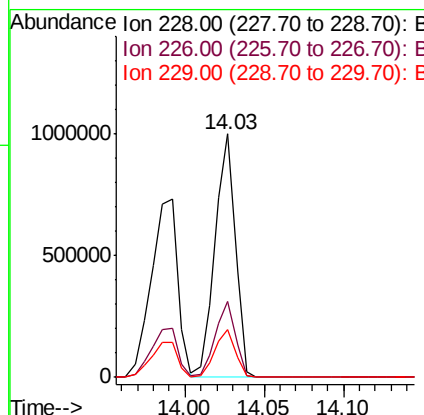
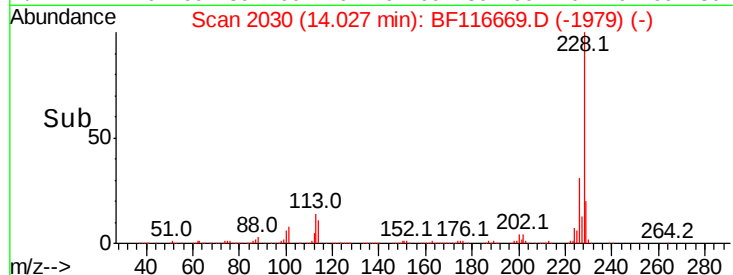
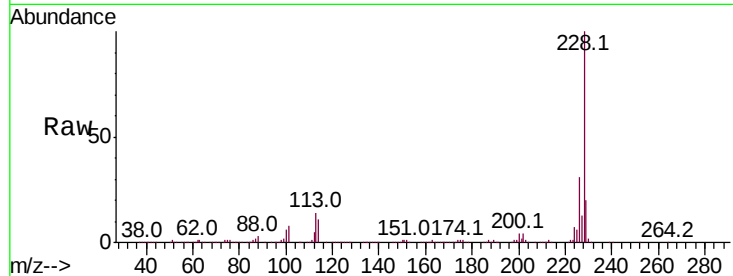
#83
 Chrvsene
 Concen: 48.347 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	896978		
226	31.1		24.0	36.0
229	19.7		15.4	23.0

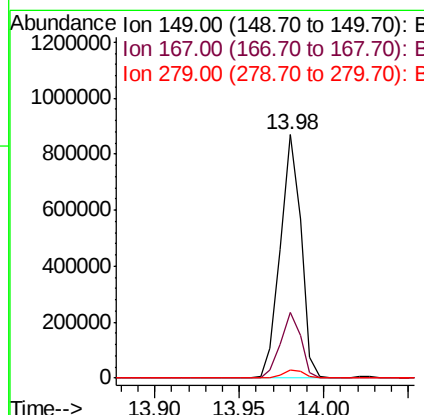
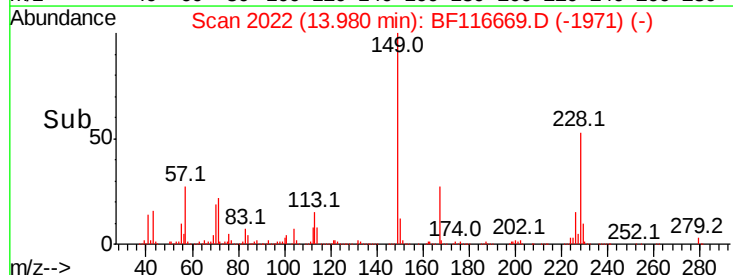
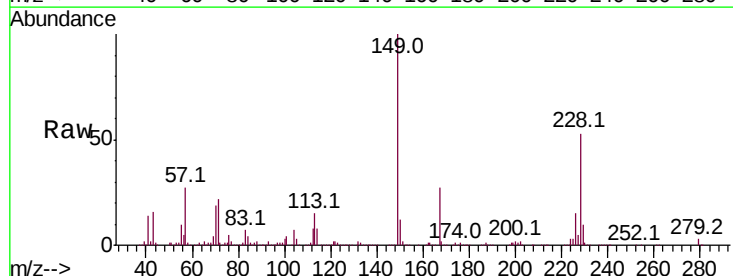
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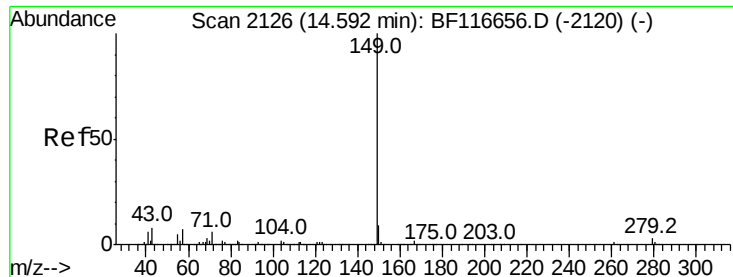
mohammad
 8/31/2019 2:45:28 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.703 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF116669.D
 Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	739486		
167	26.7		21.0	31.4
279	3.1		2.8	4.2





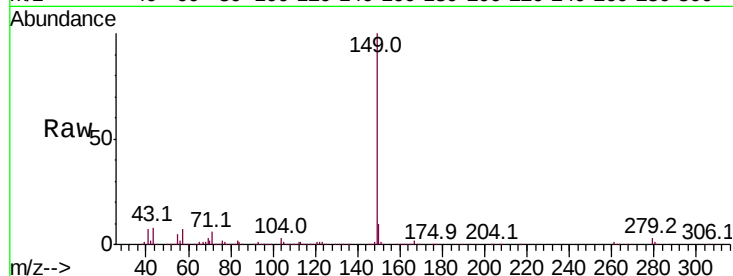
#85
Di-n-octyl phthalate
Concen: 54.894 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

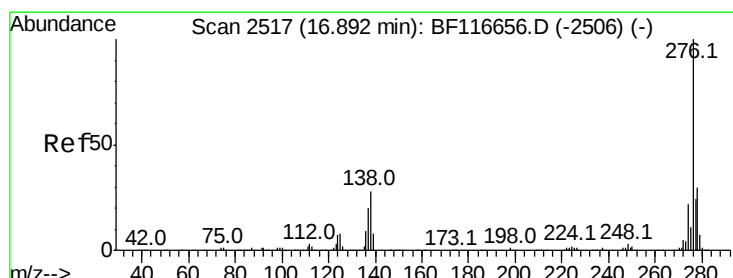
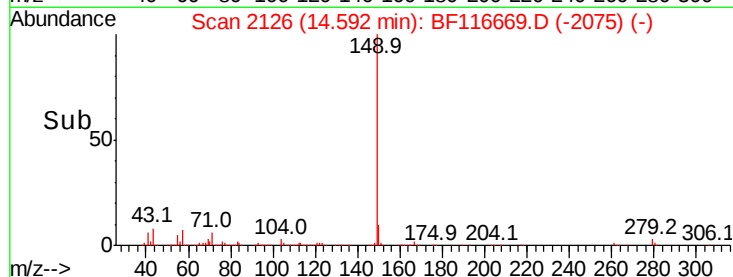
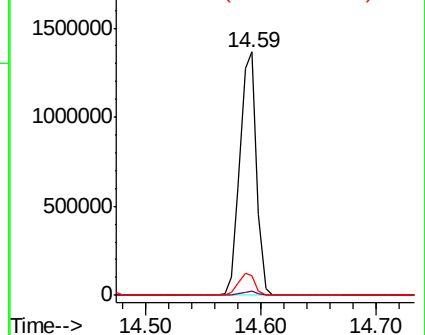
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.8	7.8	11.8

Manual Integrations
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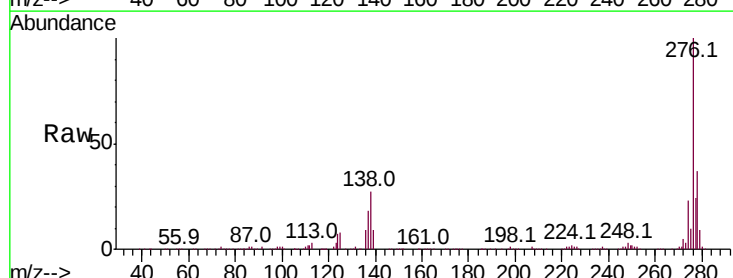


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

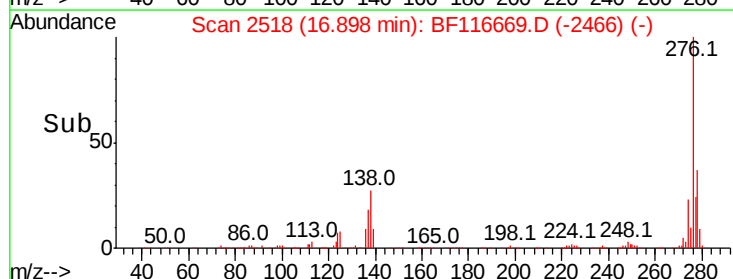
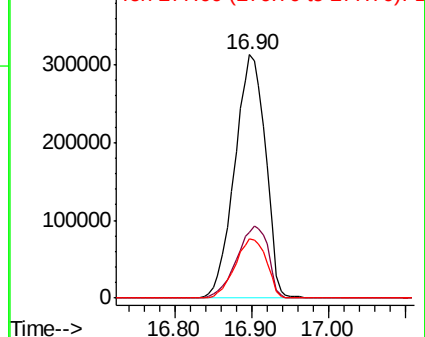


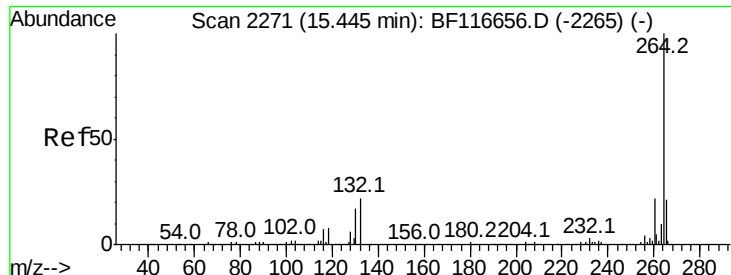
#86
Indeno(1,2,3-cd)pyrene
Concen: 58.644 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	19.4	29.2#
277	25.0	20.5	30.7



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





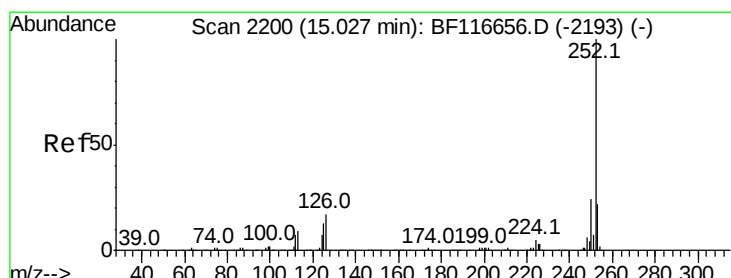
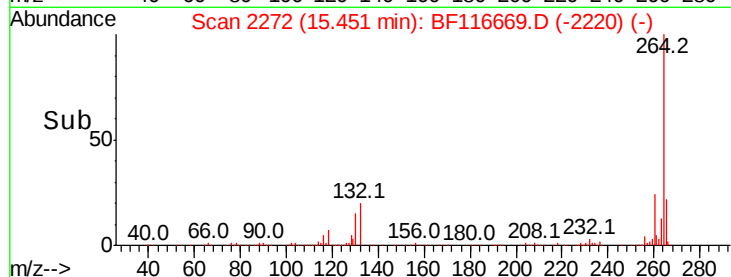
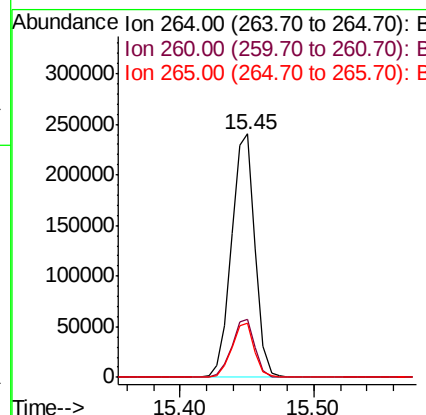
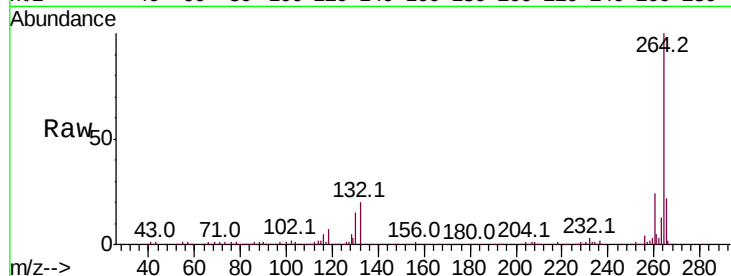
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	22.2	16.5	24.7

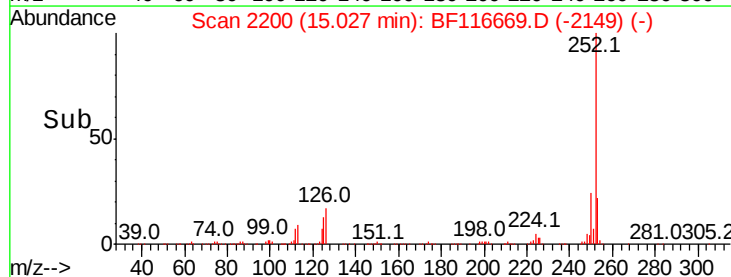
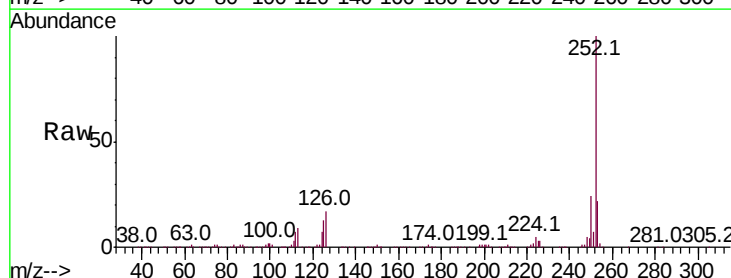
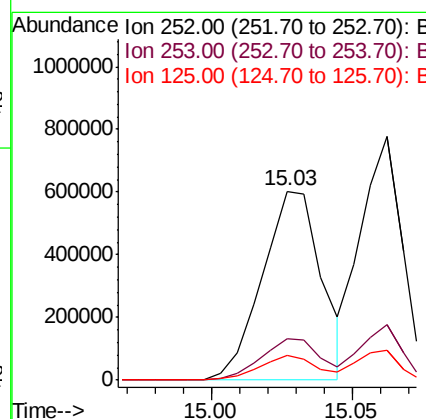
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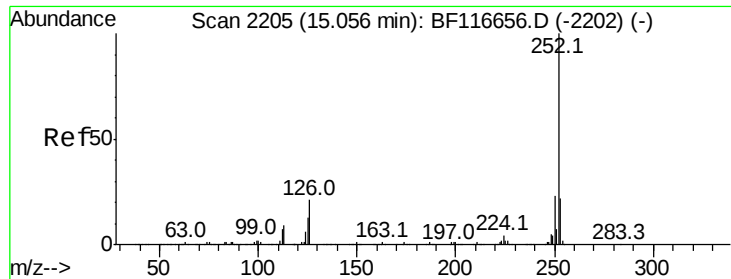
mohammad
8/31/2019 2:45:28 PM



#88
Benzo(b)fluoranthene
Concen: 49.207 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	13.1	8.2	12.2#





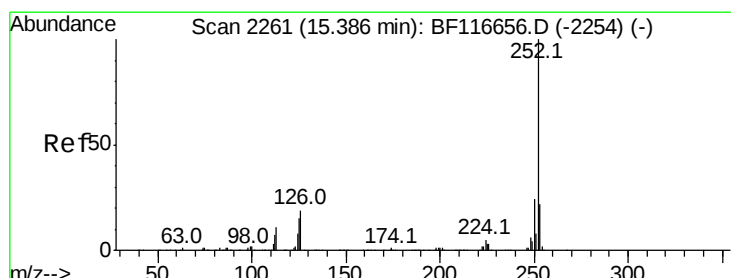
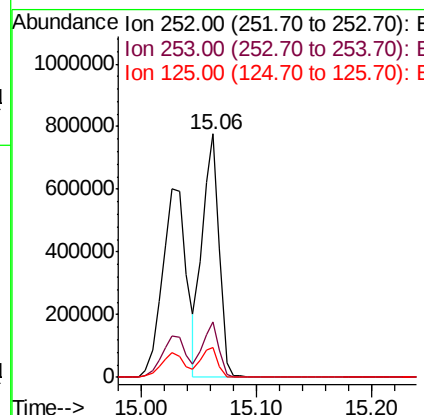
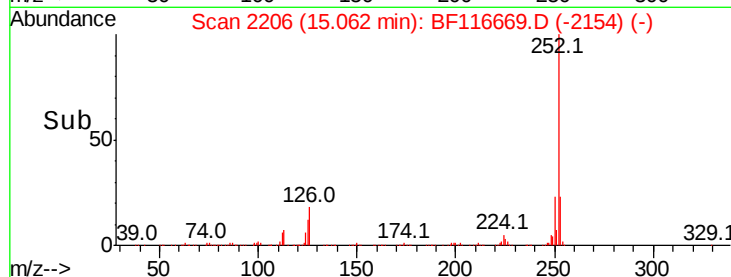
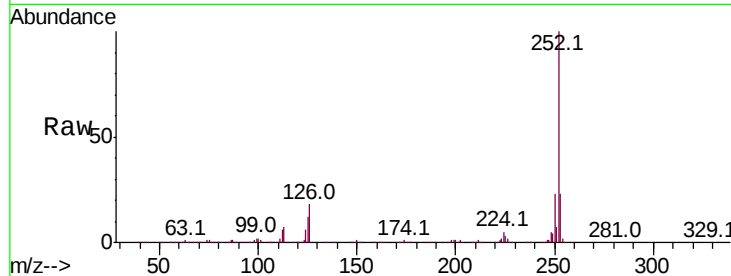
#89
Benzo(k)fluoranthene
Concen: 48.284 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	12.1	8.6	13.0

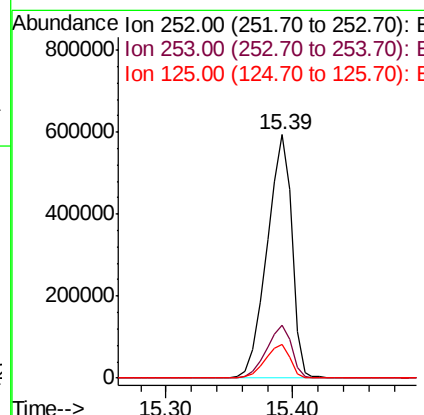
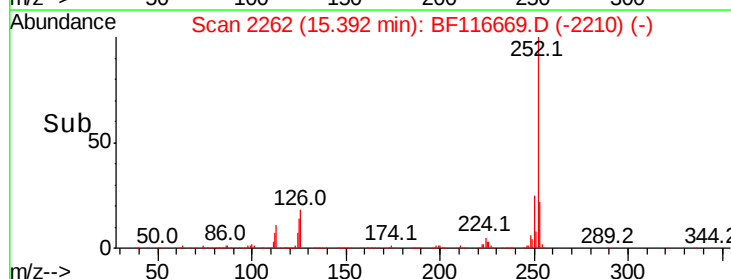
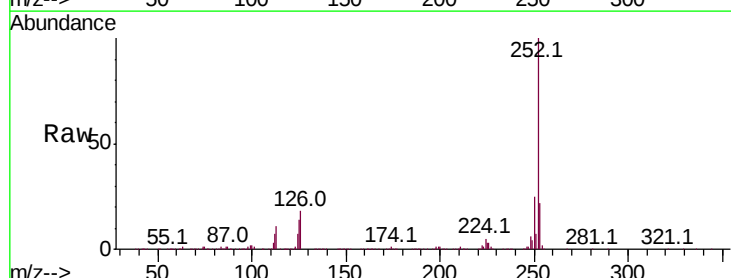
Manual Integrations
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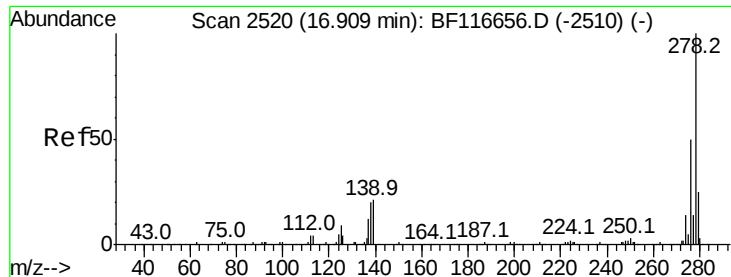
mohammad
8/31/2019 2:45:28 PM



#90
Benzo(a)pyrene
Concen: 51.651 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	14.1	9.8	14.8





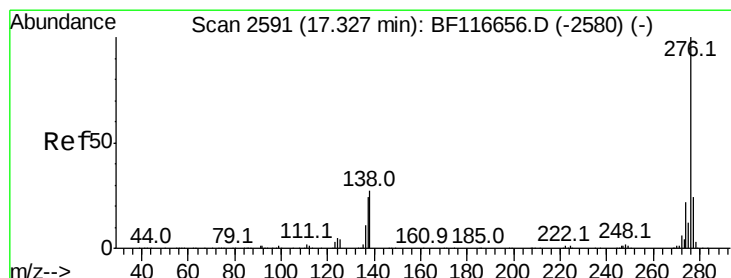
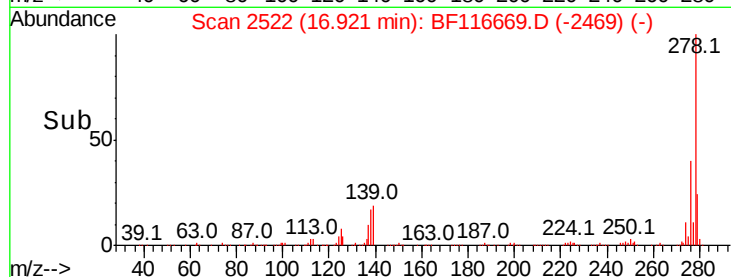
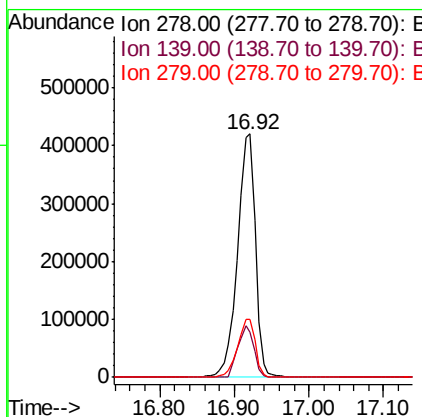
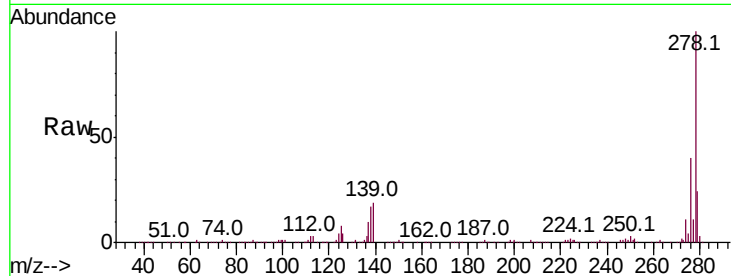
#91
Dibenzo(a,h)anthracene
Concen: 51.425 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Instrument :
BNA_F
ClientSampleId :
SB-12-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	12.4	18.6#
279	23.7	18.2	27.4

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:28 PM



#92
Benzo(g,h,i)perylene
Concen: 53.260 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.01 min
Lab File: BF116669.D
Acq: 31 Aug 2019 00:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.5	27.7
138	26.0	16.2	24.2#

