

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114634.D
 Acq On : 29 May 2019 15:16
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 5/30/2019 12:47:40 PM

Quant Time: May 29 17:03:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 16:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	327773	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1329576	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	667611	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1273851	20.00	ng	0.00
76) Chrysene-d12	13.82	240	787546	20.00	ng	0.00
87) Perylene-d12	15.21	264	937102	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1541787	75.70	ng	0.00
7) Phenol-d6	6.33	99	1880778	78.07	ng	0.00
23) Nitrobenzene-d5	7.26	82	1772924	74.83	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	531003	76.93	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2993543	67.83	ng	0.00
79) Terphenyl-d14	12.78	244	3268670	85.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	370538	33.098	ng	100
3) Pyridine	3.04	79	1079295	34.990	ng	100
4) n-Nitrosodimethylamine	2.99	42	438830	29.502	ng	100
6) Aniline	6.36	93	1426989	41.008	ng	100
8) 2-Chlorophenol	6.48	128	905541	41.646	ng	100
9) Benzaldehyde	6.23	77	531002	31.486	ng	100
10) Phenol	6.34	94	1143654	40.357	ng	100
11) bis(2-Chloroethyl)ether	6.43	93	869318	40.407	ng	100
12) 1,3-Dichlorobenzene	6.64	146	1027430	42.095	ng	100
13) 1,4-Dichlorobenzene	6.72	146	1031119	41.924	ng	100
14) 1,2-Dichlorobenzene	6.87	146	953396	42.429	ng	100
15) Benzyl Alcohol	6.84	79	749364	39.884	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1339903	32.121	ng	100
17) 2-Methylphenol	6.95	107	752420	42.125	ng	100
18) Hexachloroethane	7.21	117	391137	42.367	ng	100
19) n-Nitroso-di-n-propylamine	7.12	70	642594	42.084	ng	100
20) 3+4-Methylphenols	7.10	107	840631	40.734	ng	100
22) Acetophenone	7.11	105	1165909	39.584	ng	100
24) Nitrobenzene	7.27	77	955657	39.604	ng	100
25) Isophorone	7.52	82	1740871	39.621	ng	100
26) 2-Nitrophenol	7.59	139	453452	38.733	ng	100
27) 2,4-Dimethylphenol	7.63	122	757591	41.203	ng	100
28) bis(2-Chloroethoxy)methane	7.73	93	1122326	39.367	ng	100
29) 2,4-Dichlorophenol	7.83	162	770653	42.092	ng	100
30) 1,2,4-Trichlorobenzene	7.92	180	881624	42.346	ng	100
31) Naphthalene	8.00	128	2482941	39.979	ng	100
32) Benzoic acid	7.76	122	442324m	36.737	ng	
33) 4-Chloroaniline	8.05	127	1183899	41.832	ng	100
34) Hexachlorobutadiene	8.13	225	491549	41.495	ng	100
35) Caprolactam	8.42	113	253645	42.486	ng	100
36) 4-Chloro-3-methylphenol	8.53	107	768473	41.698	ng	100
37) 2-Methylnaphthalene	8.69	142	1712746	42.743	ng	100
38) 1-Methylnaphthalene	8.79	142	1628563	43.157	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	743736	36.776	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114634.D
 Acq On : 29 May 2019 15:16
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 5/30/2019 12:47:40 PM

Quant Time: May 29 17:03:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 16:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	488070	57.357	nq	100
43) 2,4,6-Trichlorophenol	8.96	196	568049	40.837	nq	100
44) 2,4,5-Trichlorophenol	9.00	196	583806	40.924	nq	100
46) 1,1'-Biphenyl	9.15	154	2004363	37.163	nq	100
47) 2-Chloronaphthalene	9.17	162	1685315	38.827	nq	100
48) 2-Nitroaniline	9.26	65	515593	33.494	nq	100
49) Acenaphthylene	9.59	152	2527004	38.278	nq	100
50) Dimethylphthalate	9.46	163	1916205	39.099	nq	100
51) 2,6-Dinitrotoluene	9.51	165	446152	41.044	nq	100
52) Acenaphthene	9.76	154	1609018	39.718	nq	100
53) 3-Nitroaniline	9.67	138	540802	40.078	nq	100
54) 2,4-Dinitrophenol	9.77	184	175547	40.265	nq	100
55) Dibenzofuran	9.93	168	2223460	37.430	nq	100
56) 4-Nitrophenol	9.83	139	405443	42.488	nq	100
57) 2,4-Dinitrotoluene	9.90	165	576171	39.052	nq	100
58) Fluorene	10.27	166	1534760	33.449	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	482100	39.167	nq	100
60) Diethylphthalate	10.15	149	2006854	40.301	nq	100
61) 4-Chlorophenyl-phenylether	10.26	204	774548	34.370	nq	100
62) 4-Nitroaniline	10.28	138	530092	37.385	nq	100
63) Azobenzene	10.42	77	1810723	37.567	nq	100
65) 4,6-Dinitro-2-methylphenol	10.31	198	233236	38.104	nq	100
66) n-Nitrosodiphenylamine	10.38	169	1577201	40.795	nq	100
67) 4-Bromophenyl-phenylether	10.75	248	576081	41.073	nq	100
68) Hexachlorobenzene	10.82	284	614937	39.632	nq	100
69) Atrazine	10.91	200	490373	40.758	nq	100
70) Pentachlorophenol	11.00	266	358705	48.768	nq	100
71) Phenanthrene	11.22	178	2514581	40.574	nq	100
72) Anthracene	11.27	178	2567330	41.244	nq	100
73) Carbazole	11.42	167	2312747	38.962	nq	100
74) Di-n-butylphthalate	11.77	149	2943183	43.037	nq	100
75) Fluoranthene	12.40	202	2630232	39.411	nq	100
77) Benzidine	12.52	184	1372597	38.827	nq	100
78) Pyrene	12.63	202	2629651	41.507	nq	100
80) Butylbenzylphthalate	13.26	149	1313706	49.265	nq	100
81) Benzo(a)anthracene	13.81	228	2443055	47.961	nq	100
82) 3,3'-Dichlorobenzidine	13.77	252	939865	47.563	nq	100
83) Chrysene	13.84	228	2285493	45.771	nq	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	1706785	48.938	nq	100
85) Di-n-octyl phthalate	14.43	149	2934665	51.908	nq	100
86) Indeno(1,2,3-cd)pyrene	16.53	276	2262829	51.276	nq	100
88) Benzo(b)fluoranthene	14.82	252	2360140	39.312	nq	100
89) Benzo(k)fluoranthene	14.85	252	2185422	39.627	nq	100
90) Benzo(a)pyrene	15.16	252	2138195	40.468	nq	100
91) Dibenzo(a,h)anthracene	16.55	278	1881325	42.850	nq	100
92) Benzo(g,h,i)perylene	16.93	276	1784798	40.564	nq	100

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

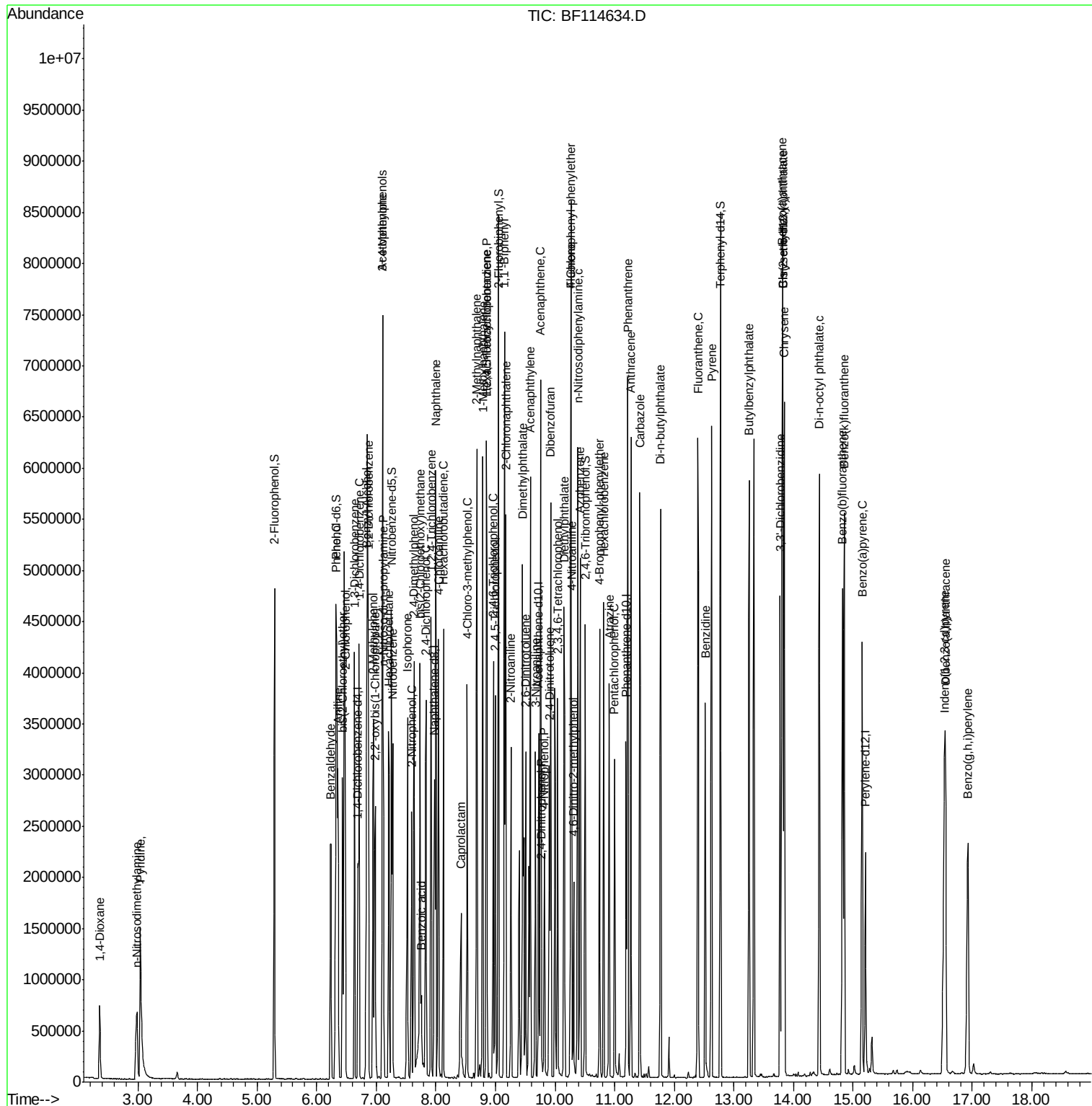
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
Data File : BF114634.D
Acq On : 29 May 2019 15:16
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

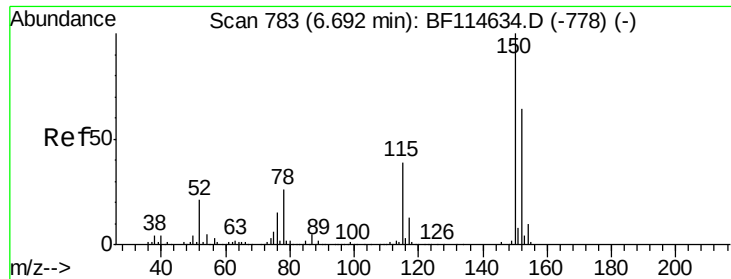
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM

Quant Time: May 29 17:03:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 16:39:07 2019
Response via : Initial Calibration





#1

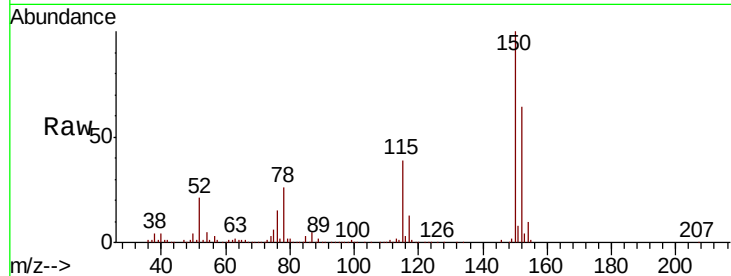
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.4	186.6
115	60.9	48.7	73.1

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM

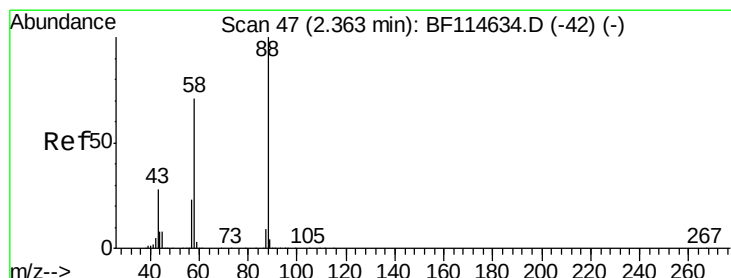
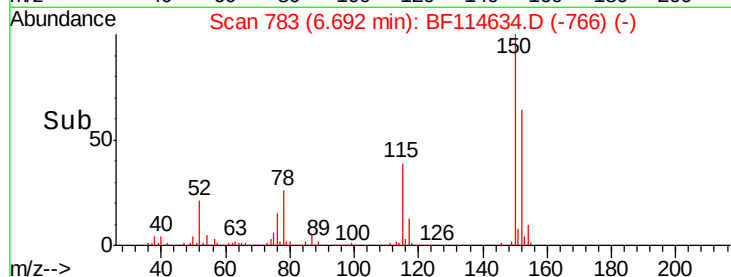
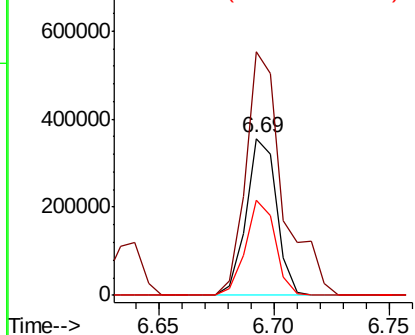


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

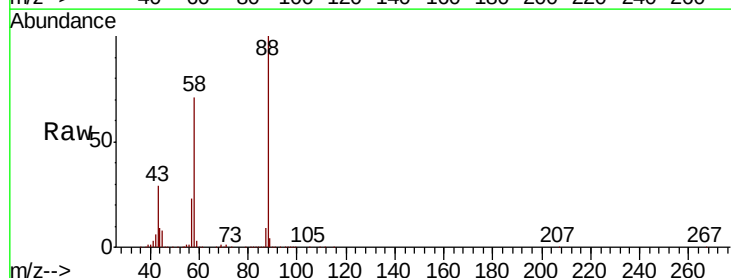
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.098 ng
RT: 2.36 min Scan# 47
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	57.2	85.8
43	28.2	22.6	33.8

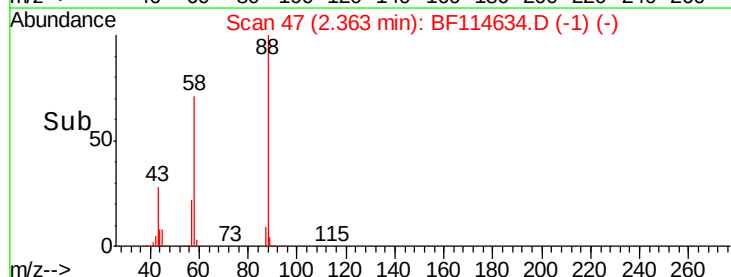
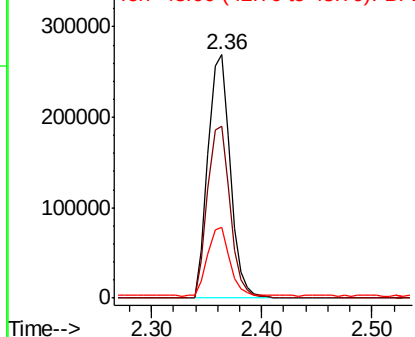


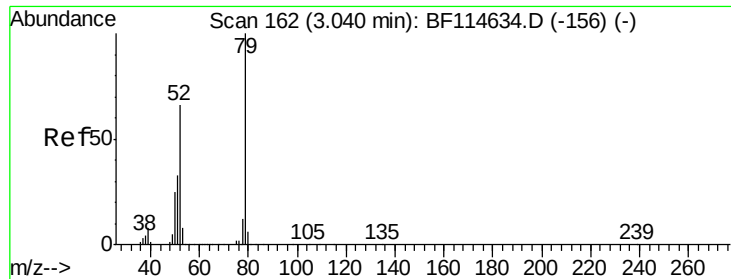
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





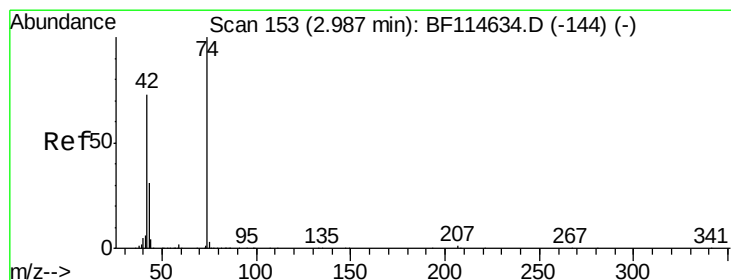
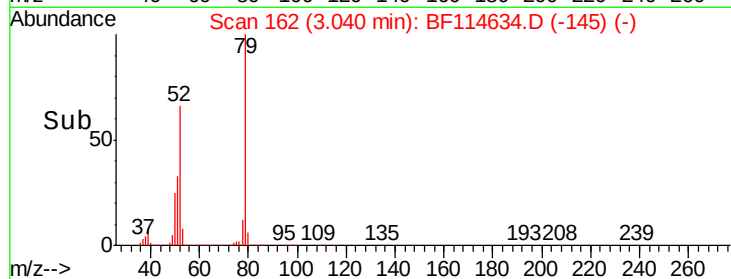
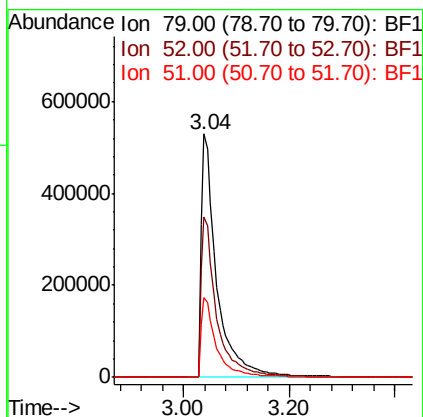
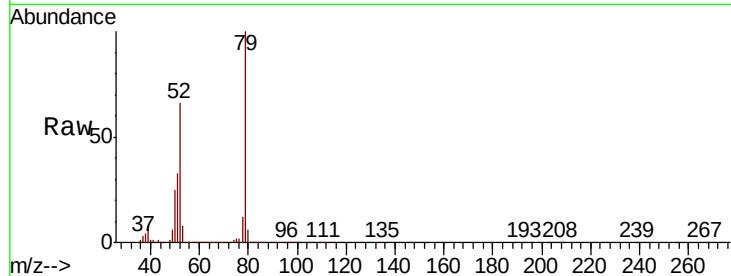
#3
 Pvridine
 Concen: 34.990 ng
 RT: 3.04 min Scan# 162
 Delta R.T. 0.00 min
 Lab File: BF114634.D
 Acq: 29 May 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.0	52.8	79.2
51	32.9	26.3	39.5

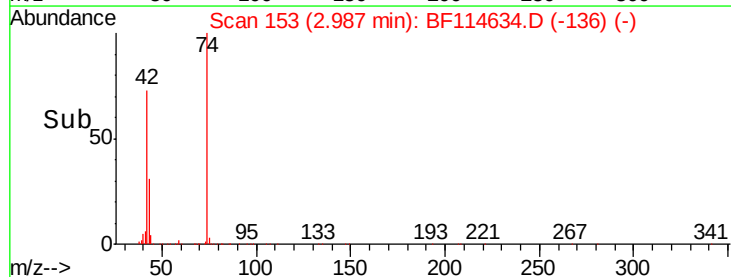
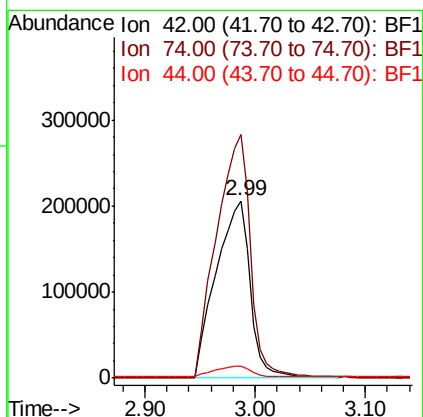
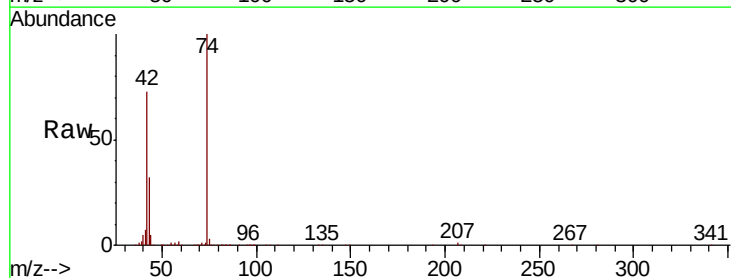
Manual Integrations
 APPROVED

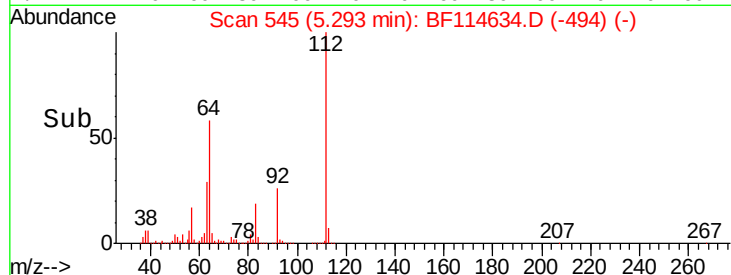
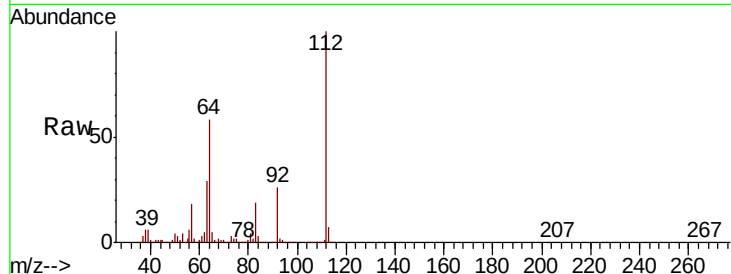
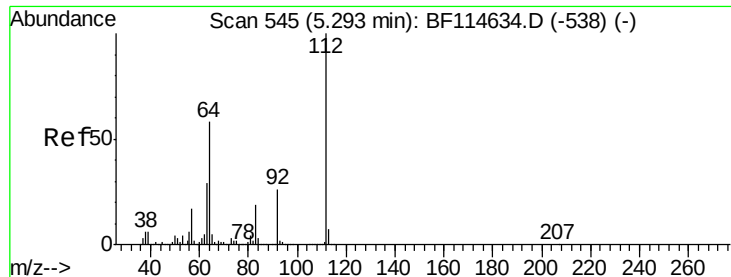
mohammad
 5/30/2019 12:47:40 PM



#4
 n-Nitrosodimethylamine
 Concen: 29.502 ng
 RT: 2.99 min Scan# 153
 Delta R.T. 0.00 min
 Lab File: BF114634.D
 Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.5	110.0	165.0
44	7.0	5.6	8.4





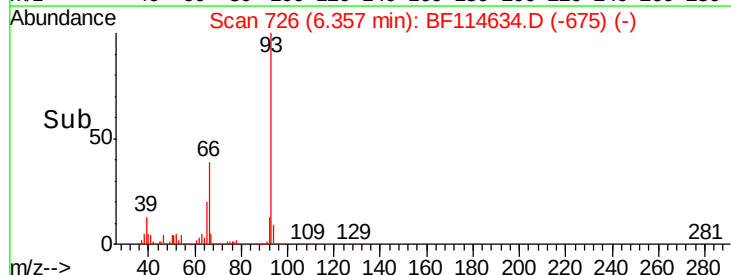
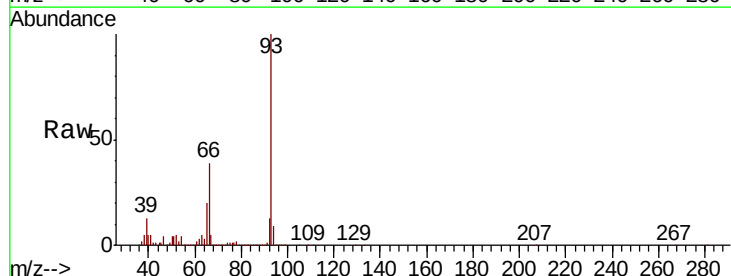
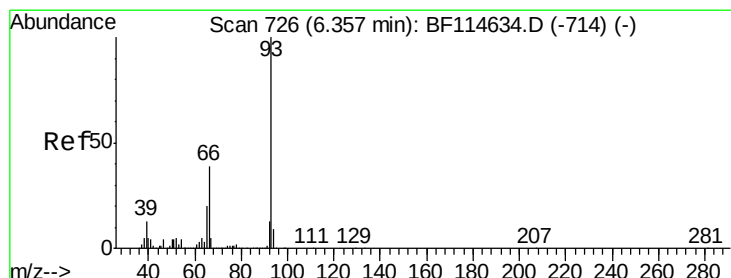
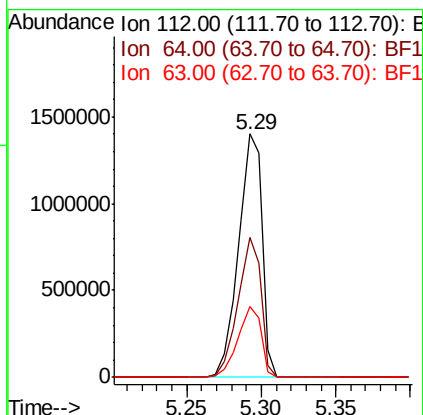
#5
2-Fluorophenol
Concen: 75.697 ng
RT: 5.29 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.1	69.1
63	29.3	23.4	35.2

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

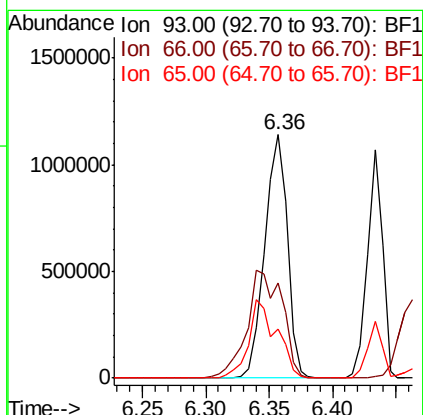
Manual Integrations
APPROVED

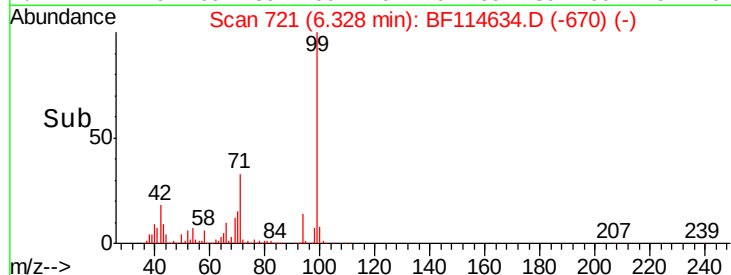
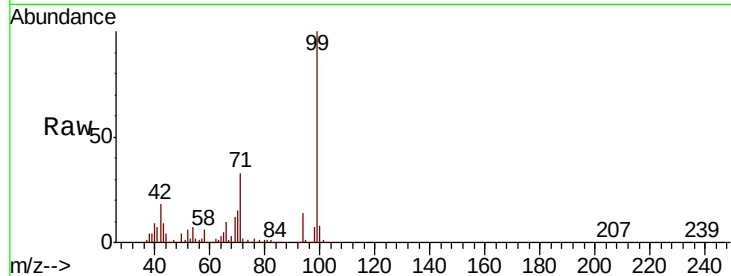
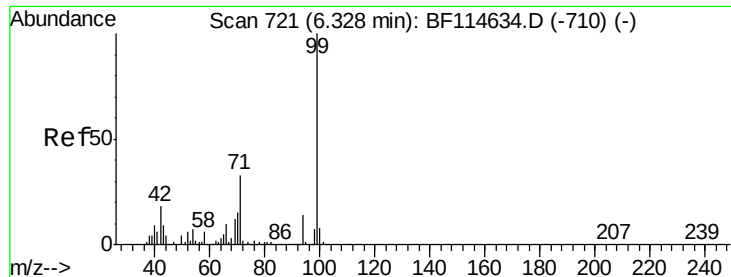
mohammad
5/30/2019 12:47:40 PM



#6
Aniline
Concen: 41.008 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.3	31.4	47.2
65	20.2	16.2	24.2





#7

Phenol-d6

Concen: 78.074 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Tot Ion:	99	Resp:	1880778
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.7	22.1
71	33.3	26.6	40.0

Instrument :

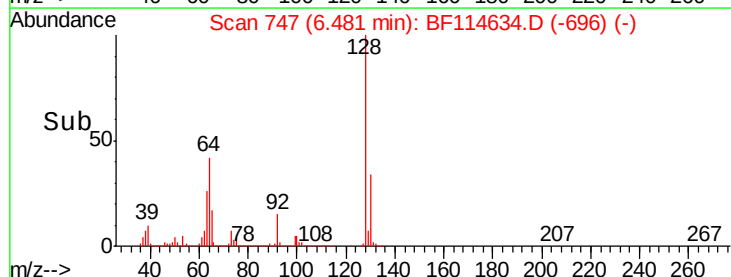
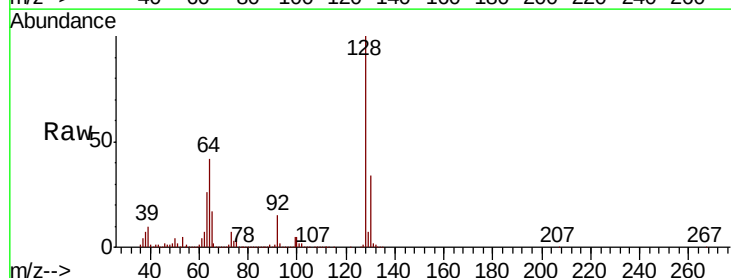
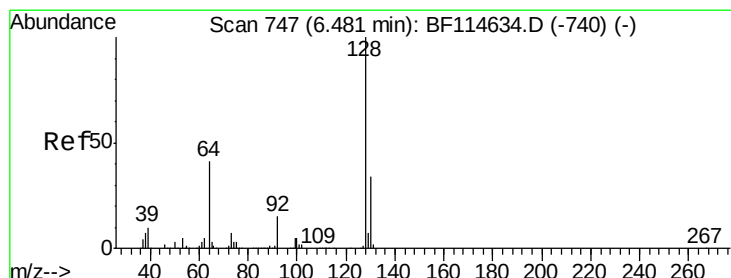
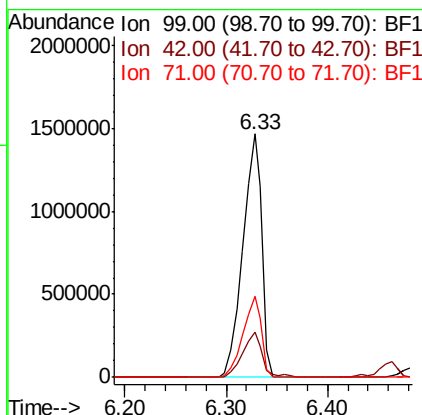
BNA_F

ClientSampleId :

SSTDICCC040

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM



#8

2-Chlorophenol

Concen: 41.646 ng

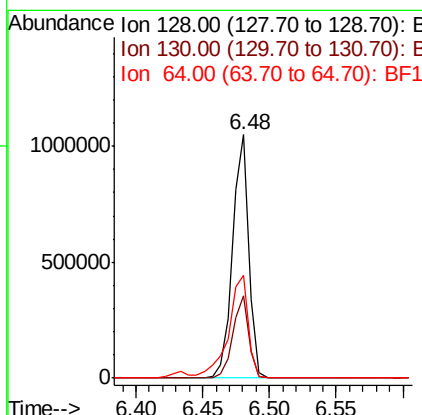
RT: 6.48 min Scan# 747

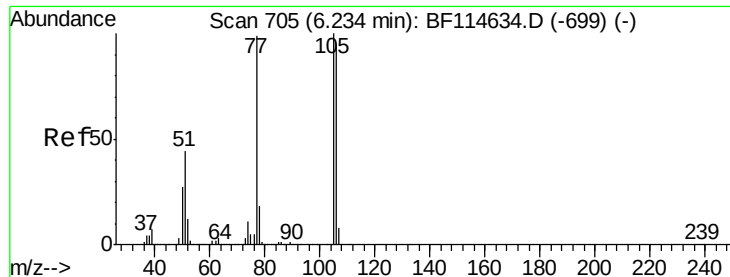
Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Tgt Ion:	128	Resp:	905541
Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.9	53.9
64	42.0	22.0	62.0





#9

Benzaldehyde

Concen: 31.486 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Instrument :

BNA_F

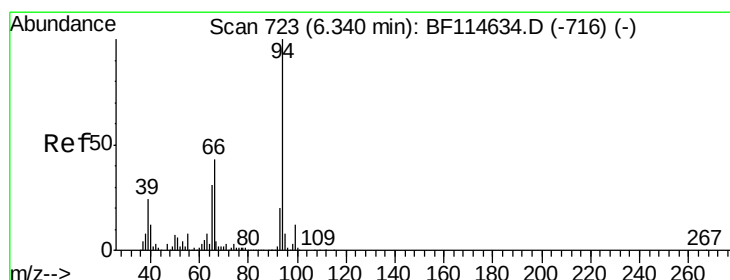
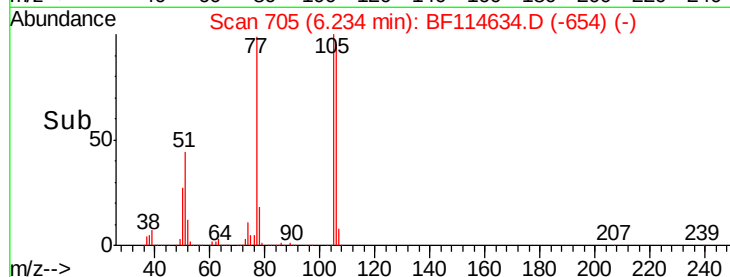
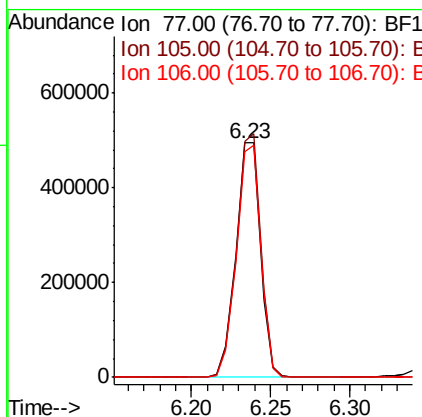
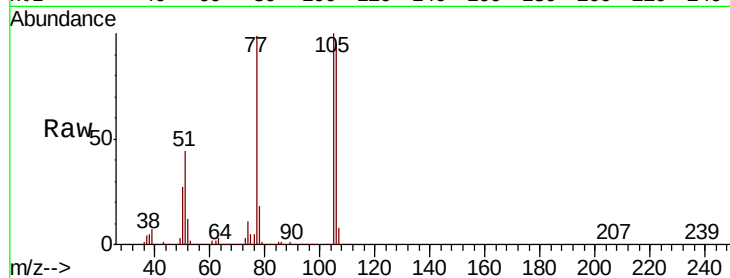
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	100.8	80.8	120.8	
106	96.2	76.2	116.2	

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM



#10

Phenol

Concen: 40.357 ng

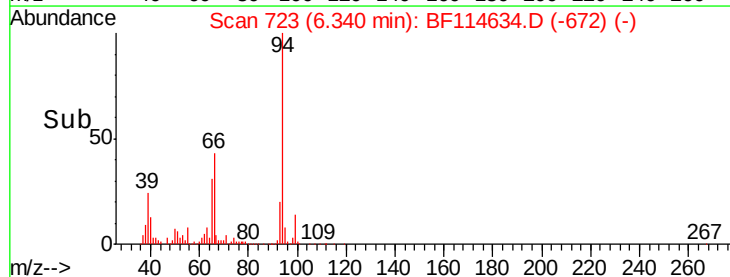
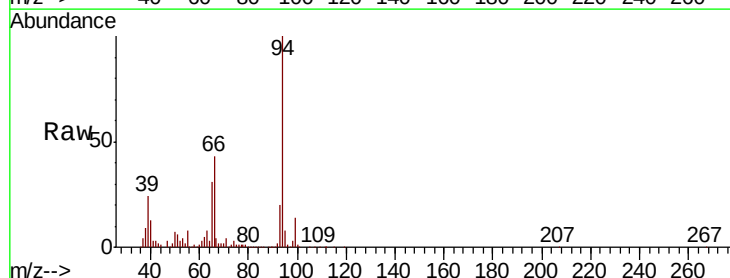
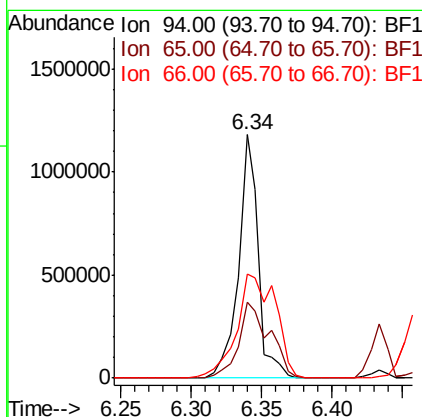
RT: 6.34 min Scan# 723

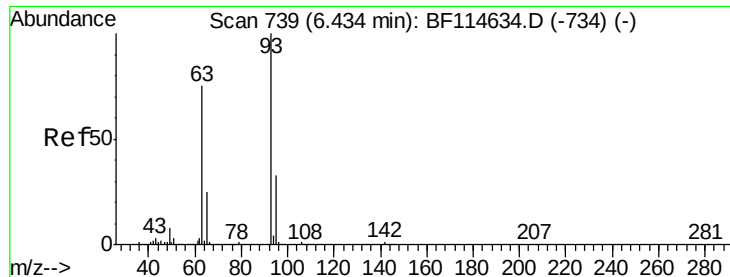
Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	31.0	11.0	51.0	
66	43.0	23.0	63.0	





#11

bis(2-Chloroethyl)ether

Concen: 40.407 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Instrument :

BNA_F

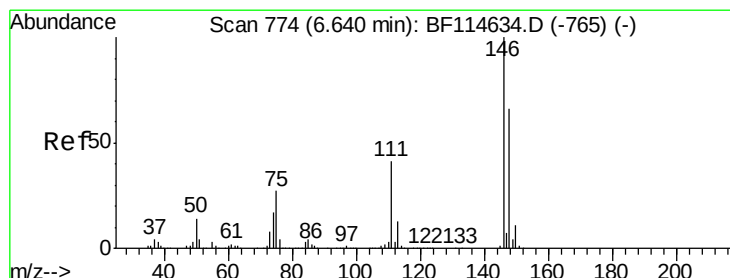
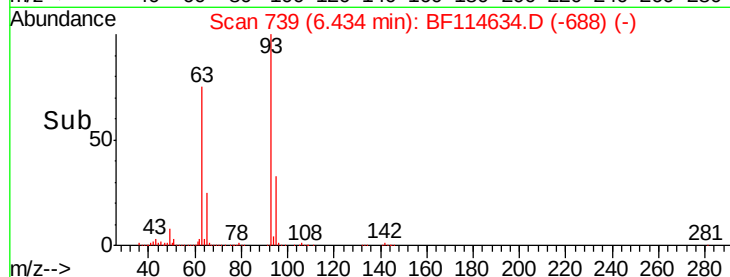
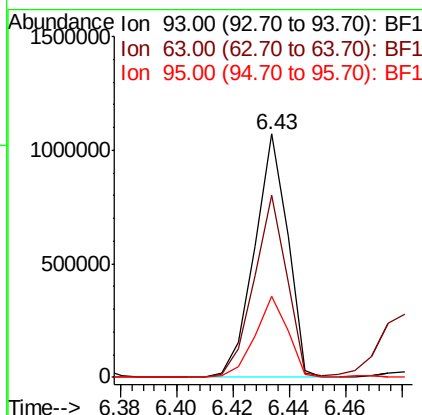
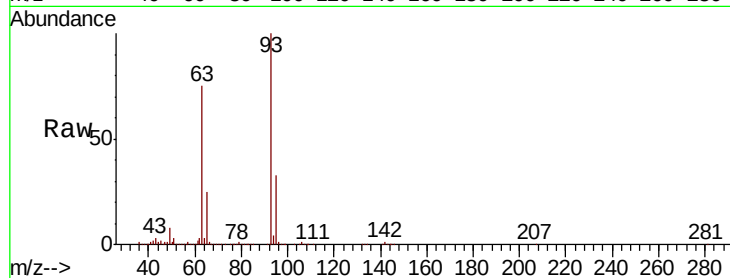
ClientSampleId :

SSTDICCC040

Tot Ion:	93	Resp:	869318
Ion Ratio	Lower	Upper	
93	100		
63	75.0	55.0	95.0
95	33.5	13.5	53.5

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM



#12

1,3-Dichlorobenzene

Concen: 42.095 ng

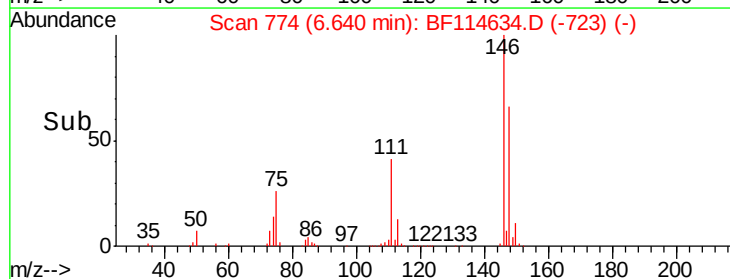
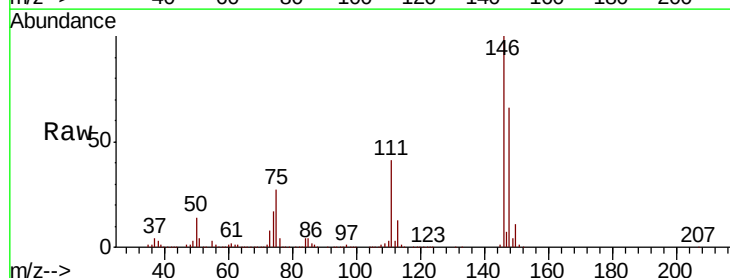
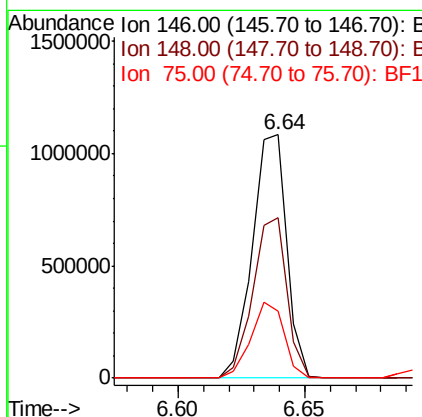
RT: 6.64 min Scan# 774

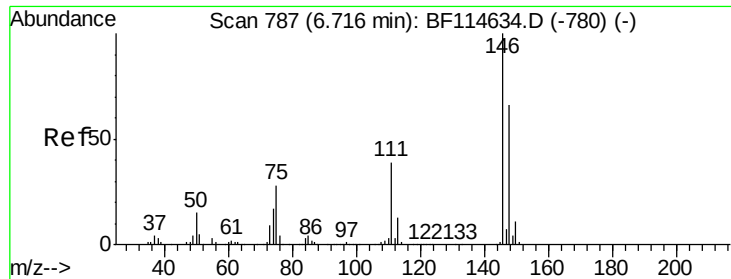
Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Tgt Ion:	146	Resp:	1027430
Ion Ratio	Lower	Upper	
146	100		
148	66.1	52.9	79.3
75	27.5	22.0	33.0





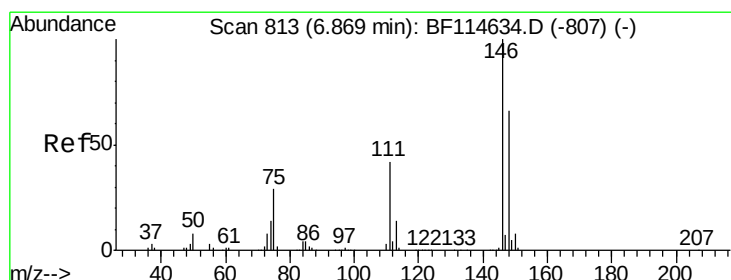
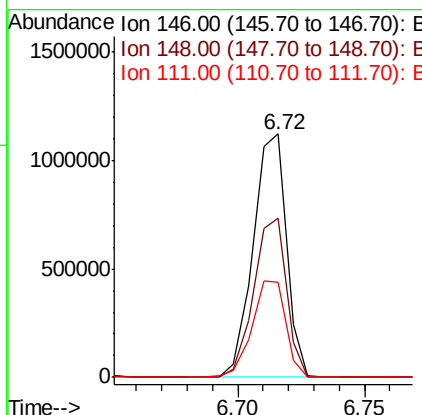
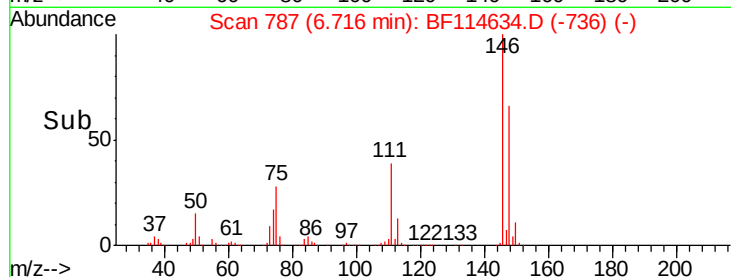
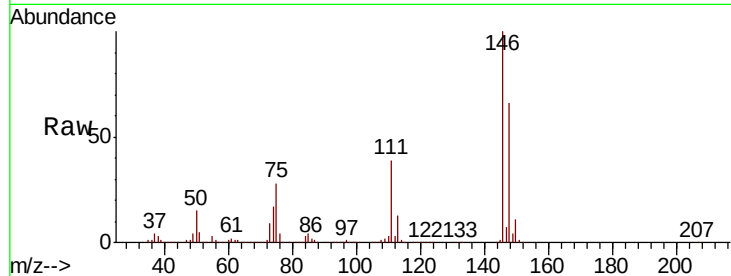
#13
 1,4-Dichlorobenzene
 Concen: 41.924 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF114634.D
 Acq: 29 May 2019 15:16

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.5	78.7
111	39.3	31.4	47.2

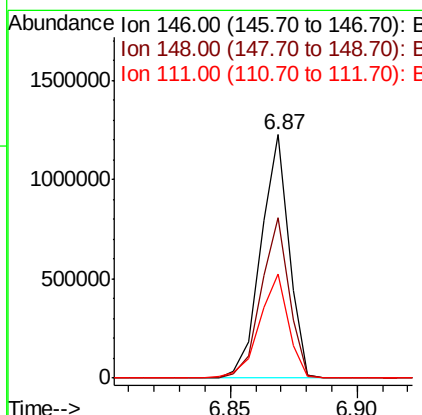
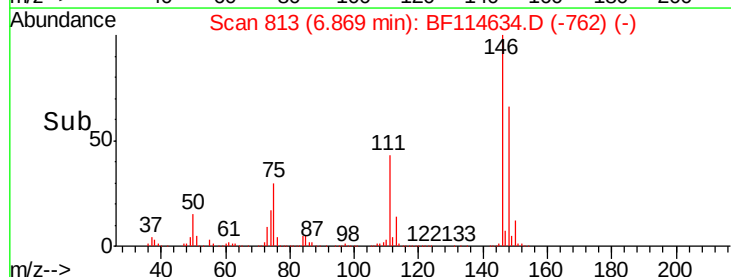
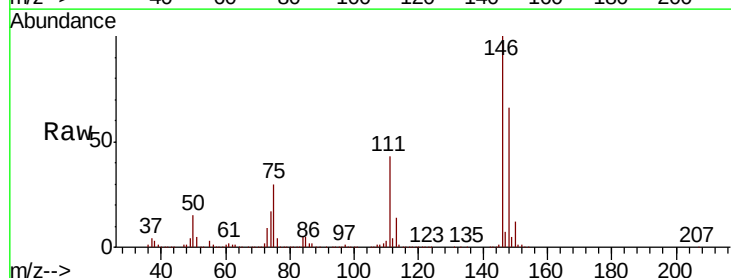
Manual Integrations
 APPROVED

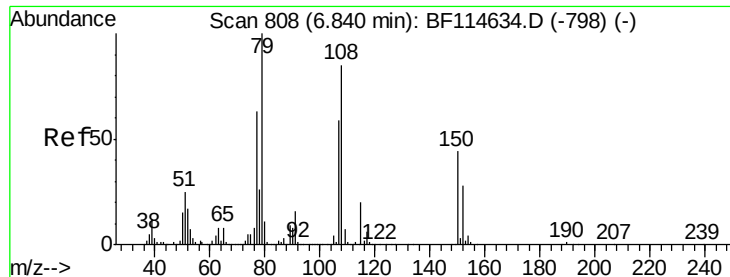
mohammad
 5/30/2019 12:47:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.429 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114634.D
 Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.6	79.0
111	42.6	34.1	51.1





#15

Benzyl Alcohol

Concen: 39.884 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Instrument :

BNA_F

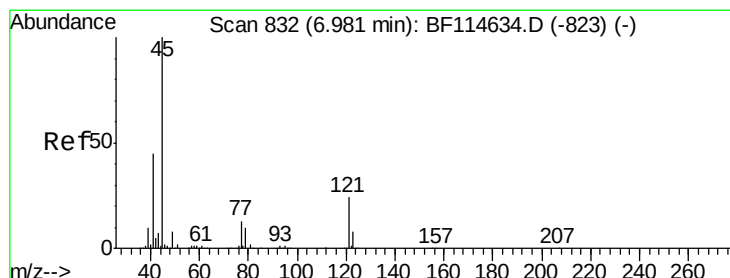
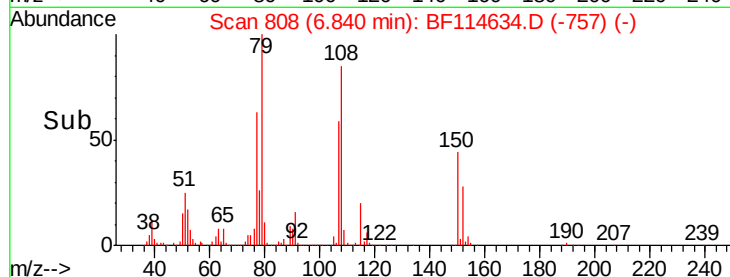
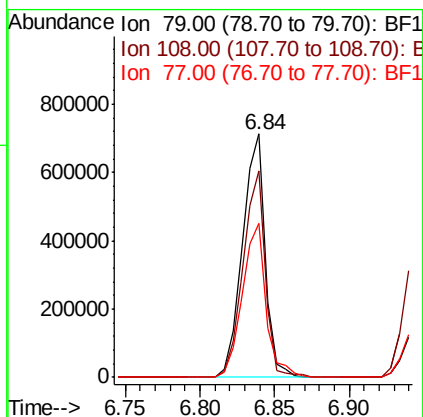
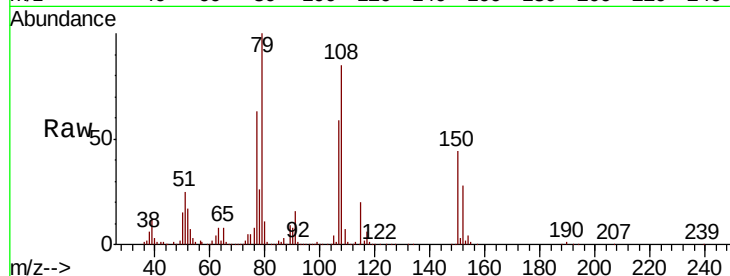
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.8	67.8	101.8
77	63.4	50.7	76.1

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.121 ng

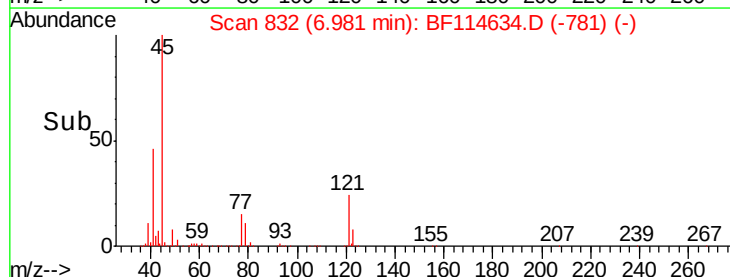
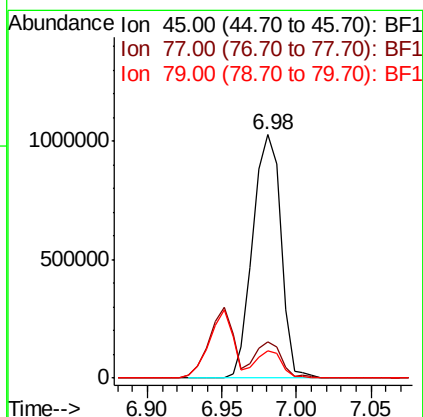
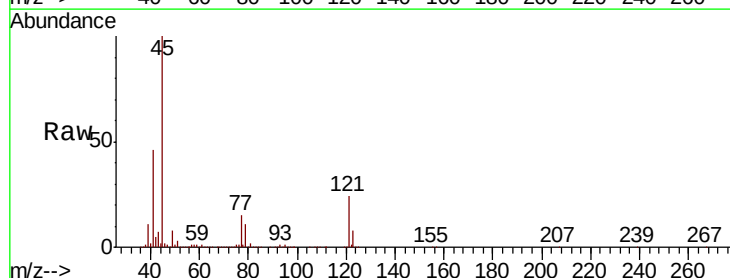
RT: 6.98 min Scan# 832

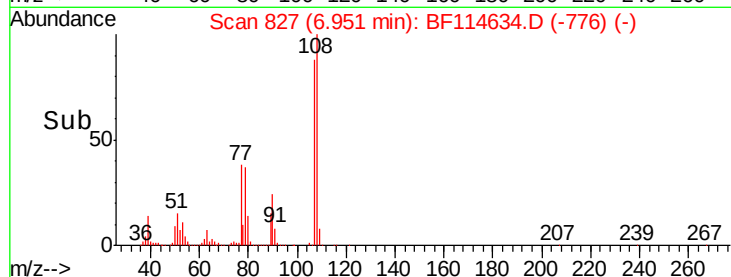
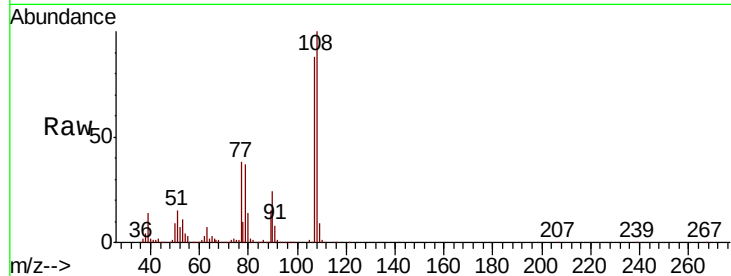
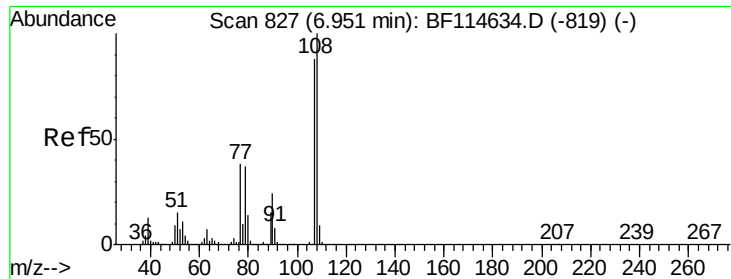
Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

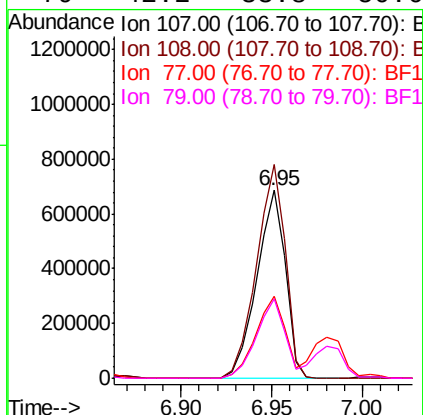
Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	34.7
79	11.3	0.0	31.3





#17
2-Methylphenol
Concen: 42.125 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

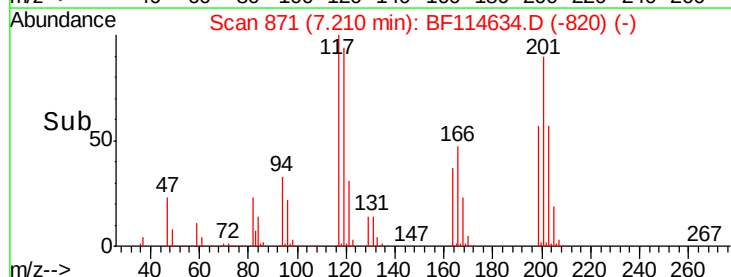
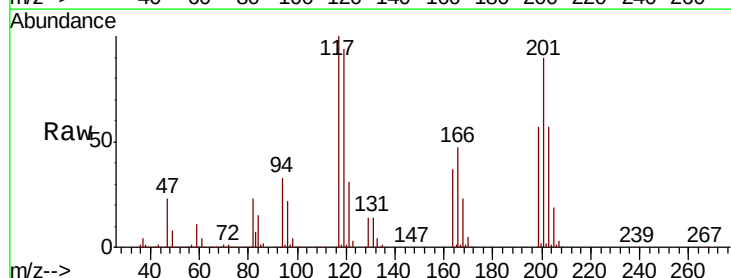
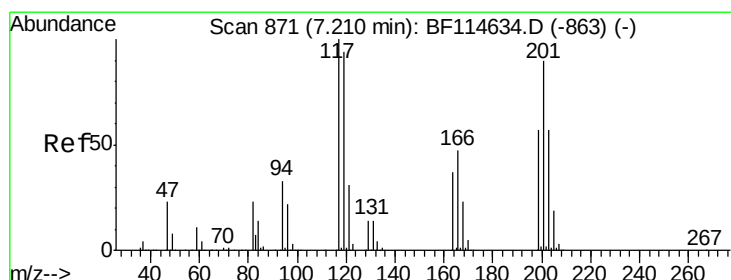
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	91.1	136.7	
77	43.6	34.9	52.3	
79	42.2	33.8	50.6	



Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

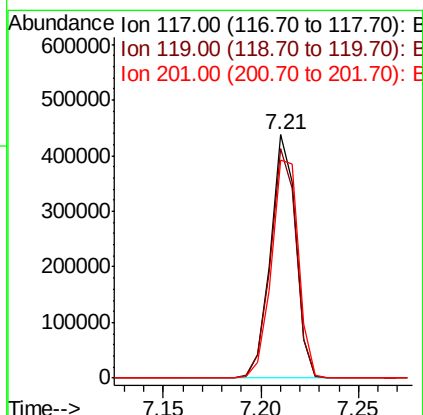
Manual Integrations
APPROVED

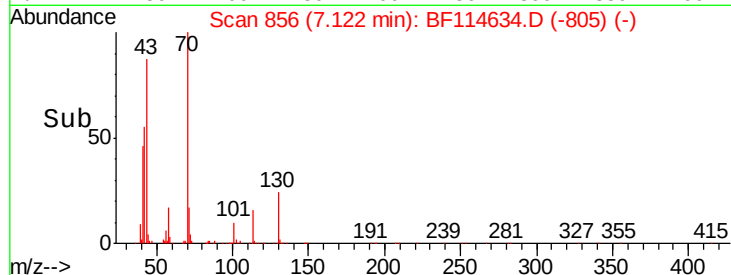
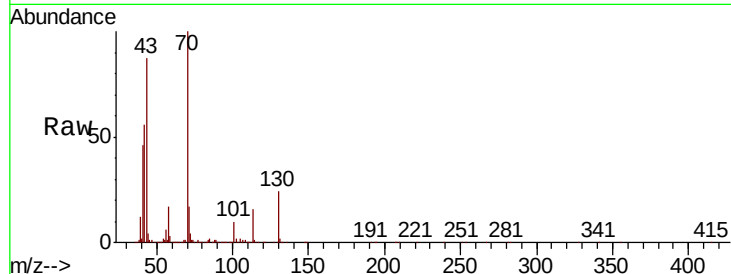
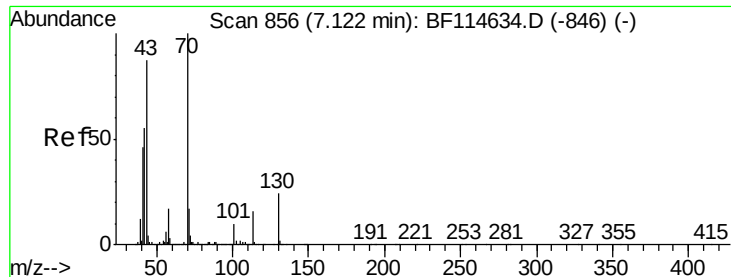
mohammad
5/30/2019 12:47:40 PM



#18
Hexachloroethane
Concen: 42.367 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	75.6	113.4	
201	89.6	71.7	107.5	





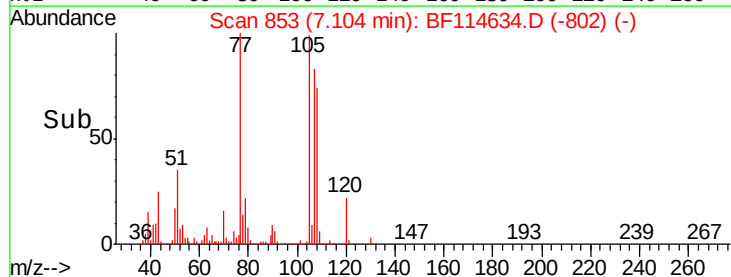
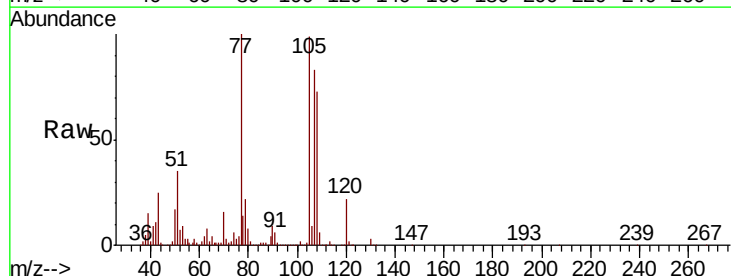
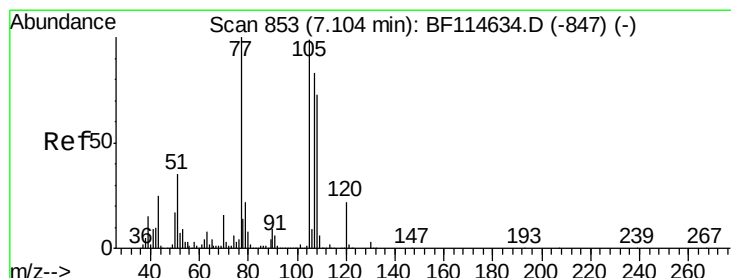
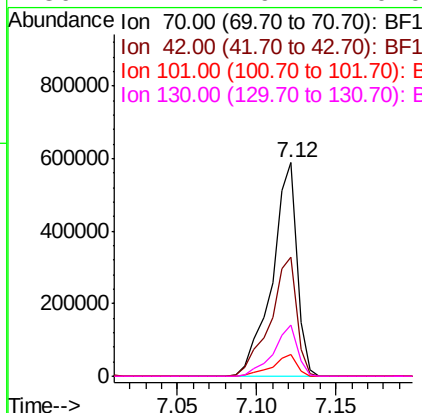
#19
n-Nitroso-di-n-propylamine
Concen: 42.084 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.5	44.4	66.6	
101	10.3	8.2	12.4	
130	24.2	19.4	29.0	

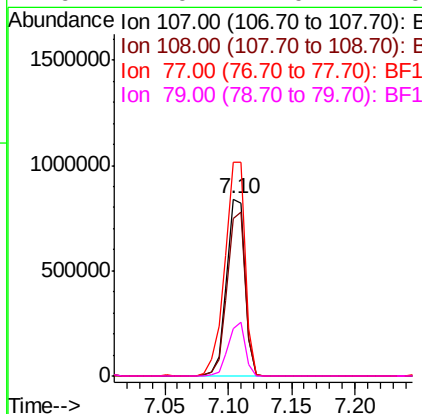
Manual Integrations
APPROVED

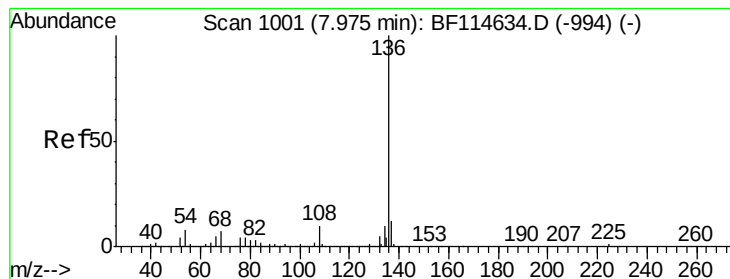
mohammad
5/30/2019 12:47:40 PM



#20
3+4-Methylphenols
Concen: 40.734 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	68.6	108.6	
77	120.5	100.5	140.5	
79	27.0	7.0	47.0	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 1329576

Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

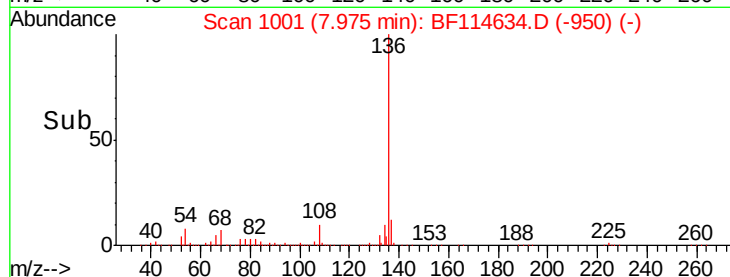
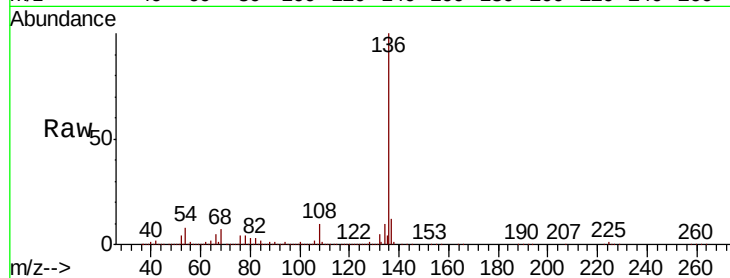
54 7.9 6.3 9.5

68 6.7 5.4 8.0

Manual Integrations
APPROVED

mohammad

5/30/2019 12:47:40 PM



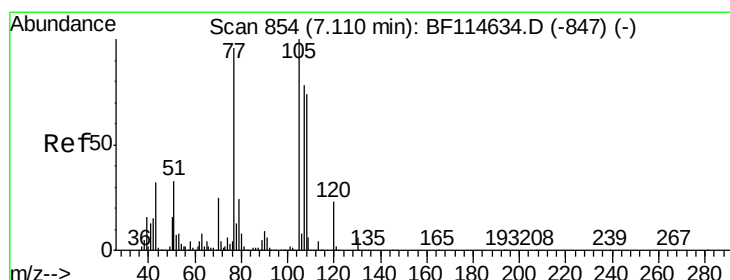
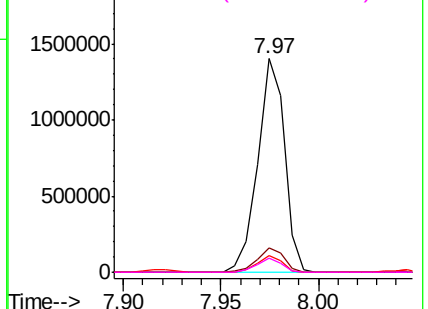
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.584 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Tgt Ion:105 Resp: 1165909

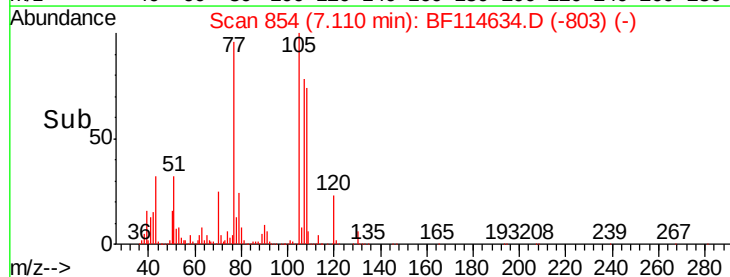
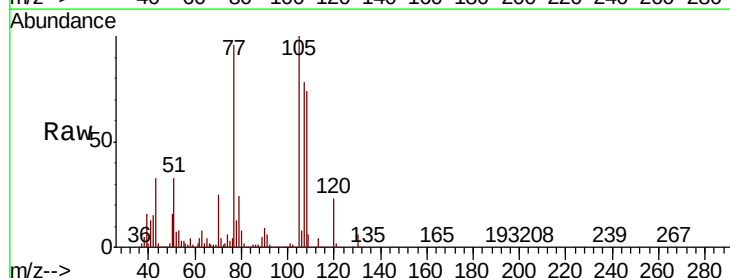
Ion Ratio Lower Upper

105 100

71 4.5 3.6 5.4

51 32.5 26.0 39.0

120 23.5 18.8 28.2



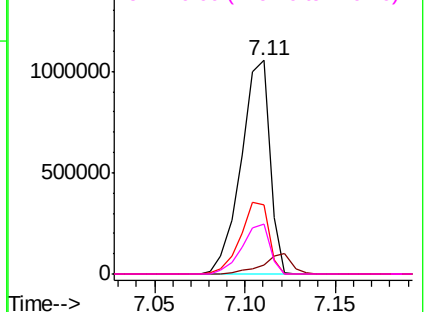
Abundance

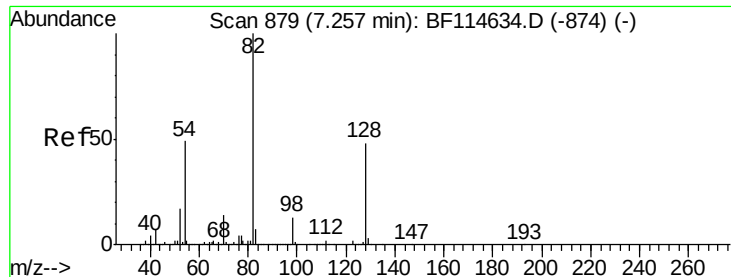
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





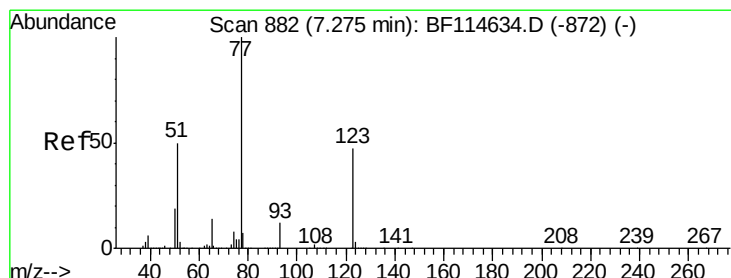
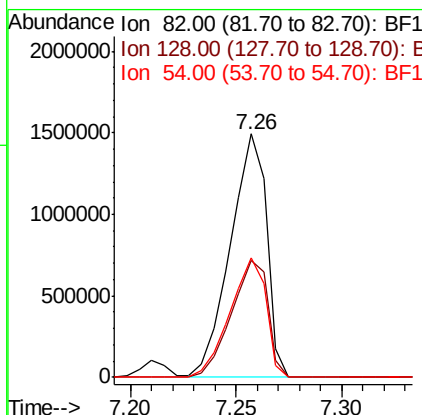
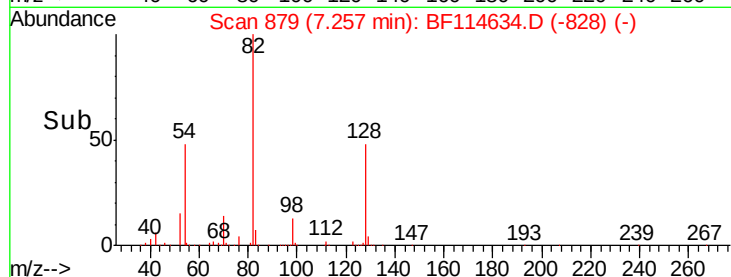
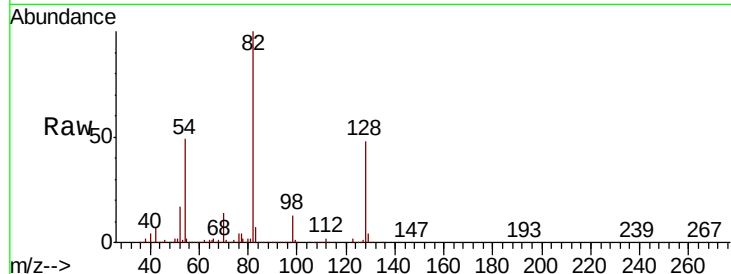
#23
 Nitrobenzene-d5
 Concen: 74.833 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF114634.D
 Acq: 29 May 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.5	57.7
54	48.9	39.1	58.7

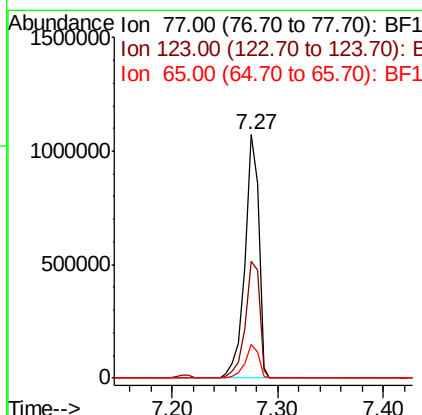
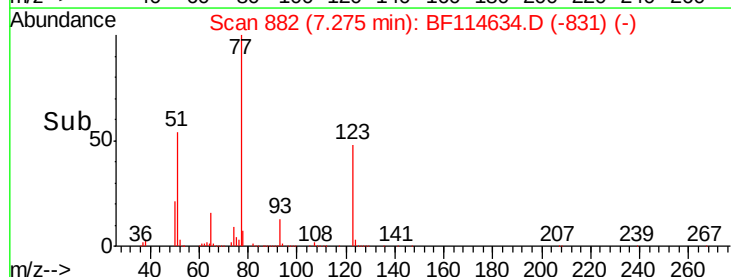
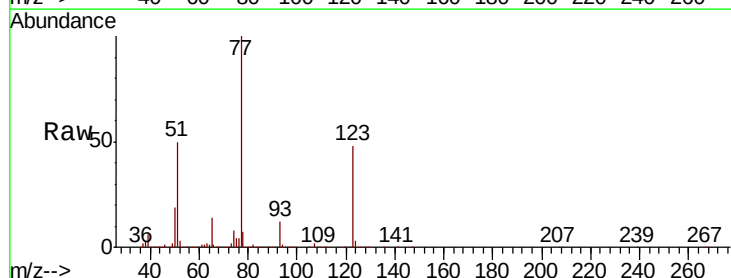
Manual Integrations
 APPROVED

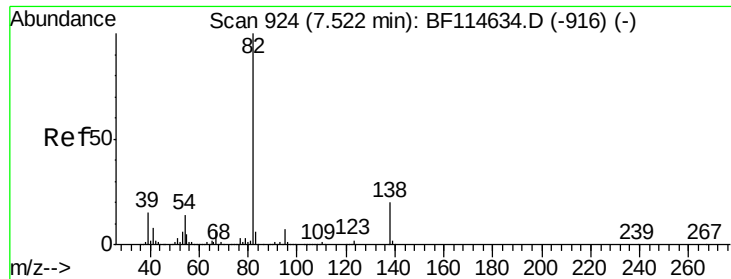
mohammad
 5/30/2019 12:47:40 PM



#24
 Nitrobenzene
 Concen: 39.604 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.00 min
 Lab File: BF114634.D
 Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	38.5	57.7
65	14.0	11.2	16.8





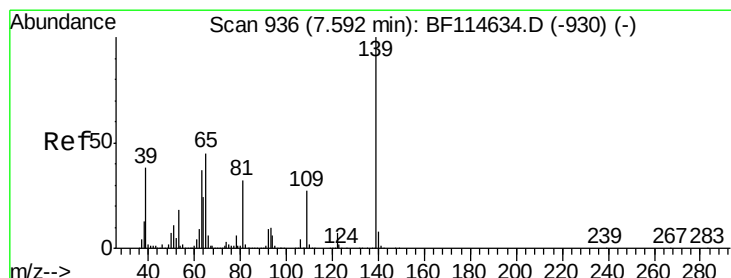
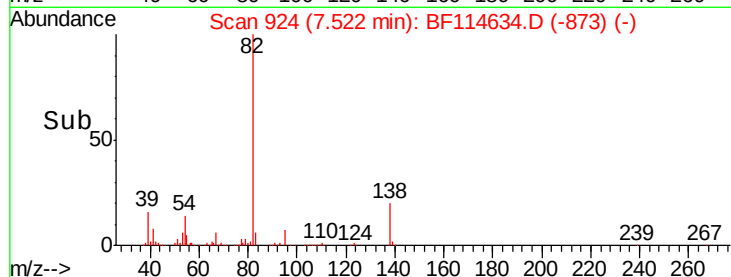
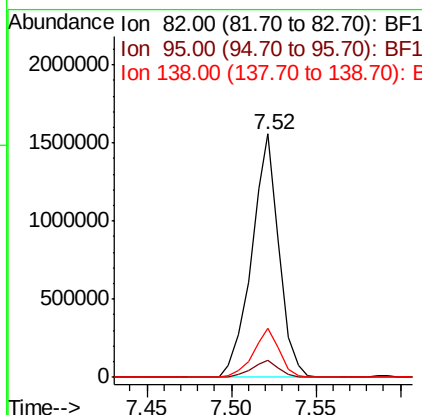
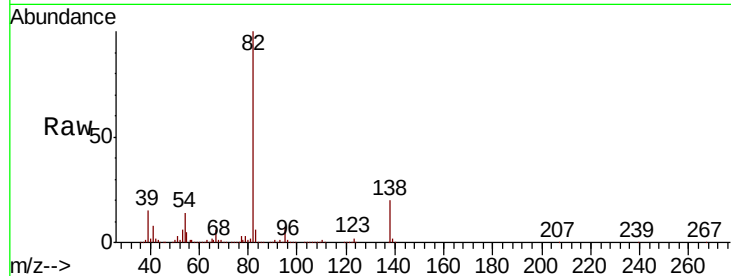
#25
Isophorone
Concen: 39.621 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.9	15.9	23.9

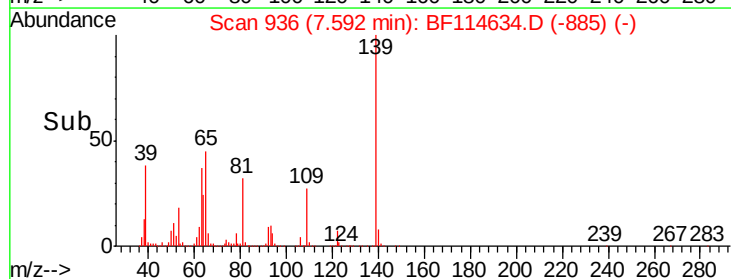
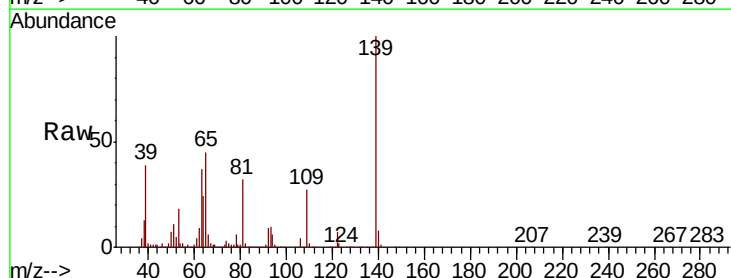
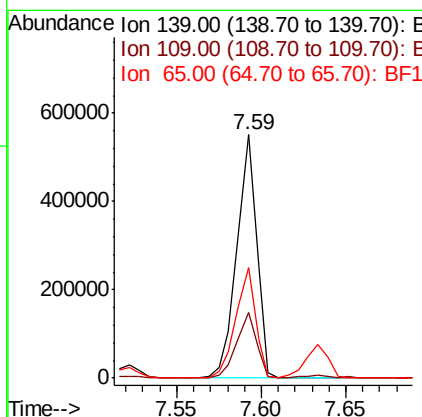
Manual Integrations
APPROVED

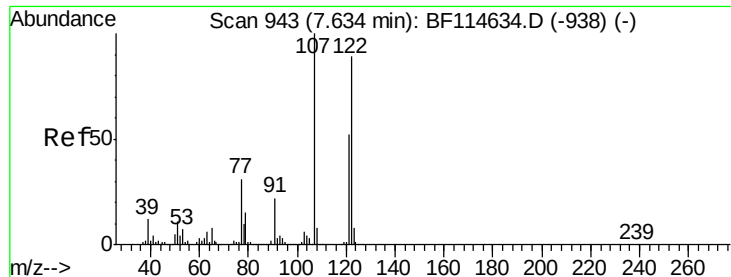
mohammad
5/30/2019 12:47:40 PM



#26
2-Nitrophenol
Concen: 38.733 ng
RT: 7.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.1	21.7	32.5
65	45.4	36.3	54.5





#27

2,4-Dimethylphenol

Concen: 41.203 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Instrument :

BNA_F

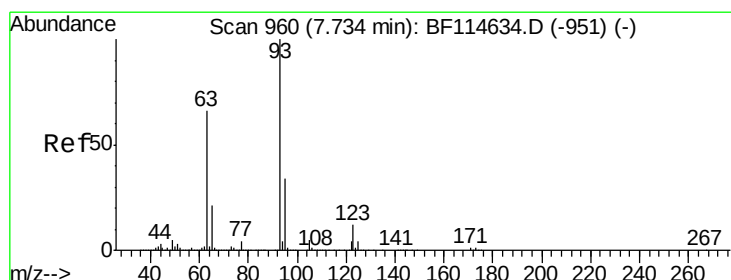
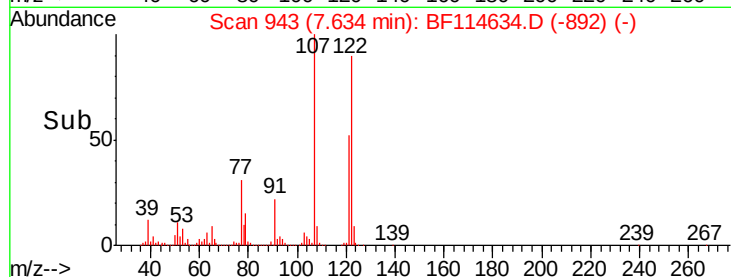
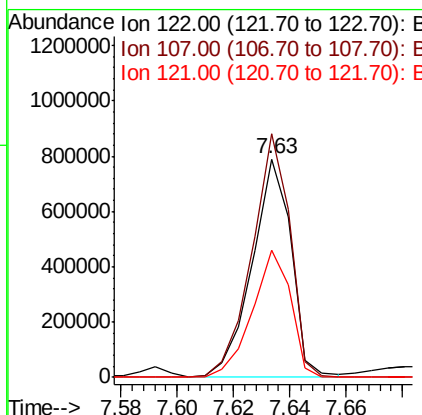
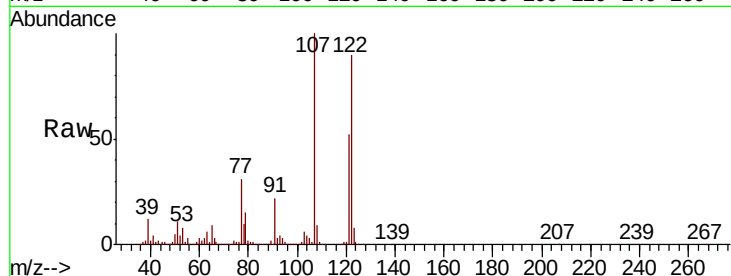
ClientSampleId :

SSTDICCC040

Tot Ion:	122	Resp:	757591
Ion Ratio	Lower	Upper	
122	100		
107	111.6	89.3	133.9
121	58.5	46.8	70.2

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.367 ng

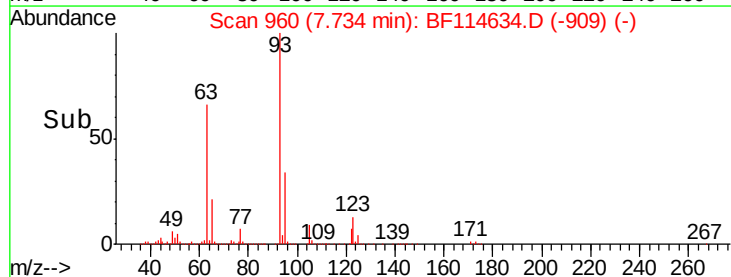
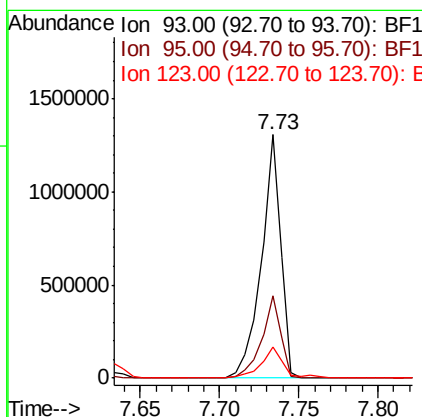
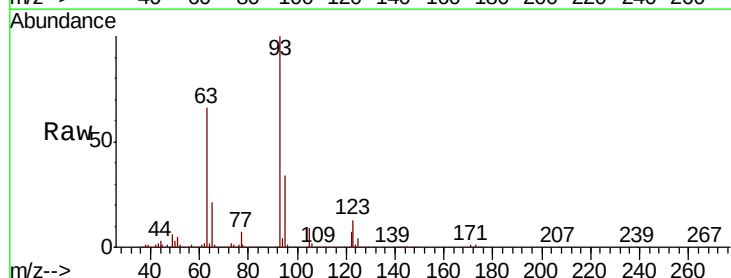
RT: 7.73 min Scan# 960

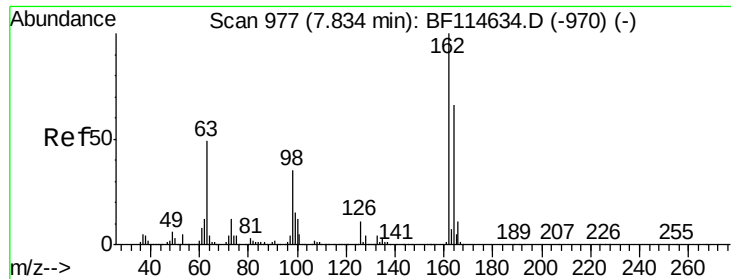
Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Tgt Ion:	93	Resp:	1122326
Ion Ratio	Lower	Upper	
93	100		
95	33.7	27.0	40.4
123	12.7	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 42.092 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Instrument :

BNA_F

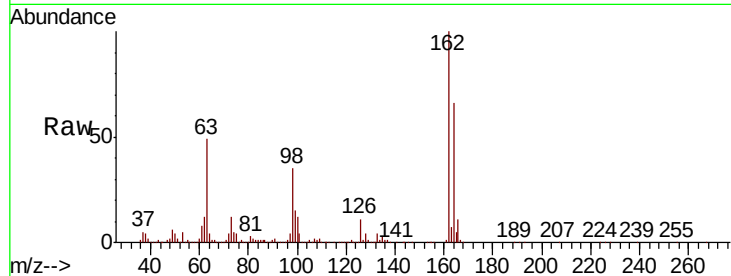
ClientSampled :

SSTDICCC040

Tot Ion:	162	Resp:	770653
Ion Ratio	Lower	Upper	
162	100		
164	65.8	45.8	85.8
98	34.9	14.9	54.9

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM

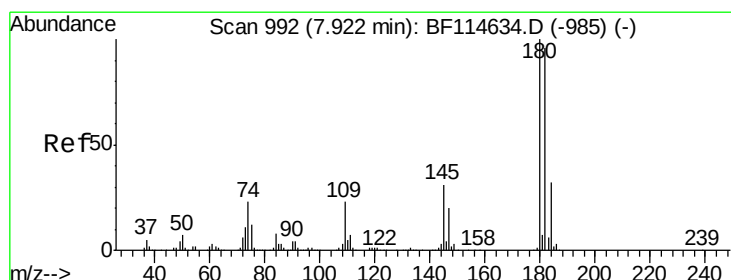
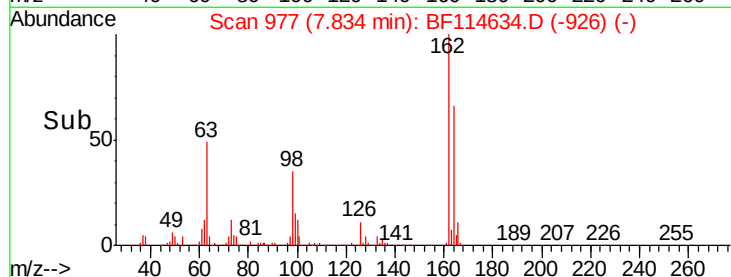
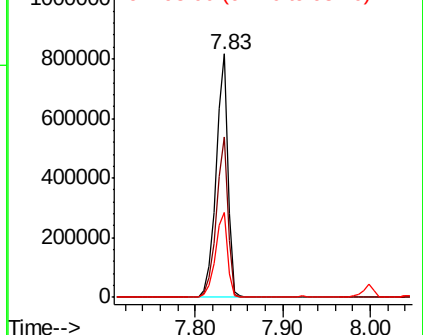


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.346 ng

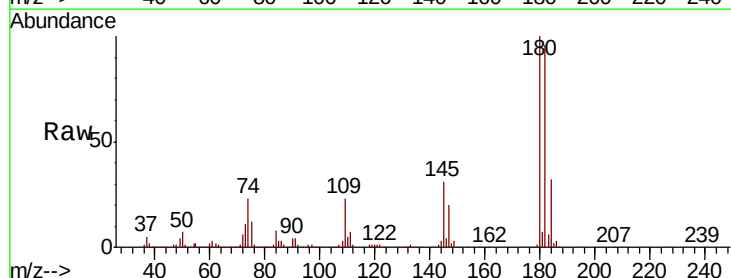
RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Tgt Ion:	180	Resp:	881624
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.9	115.3
145	30.6	24.5	36.7

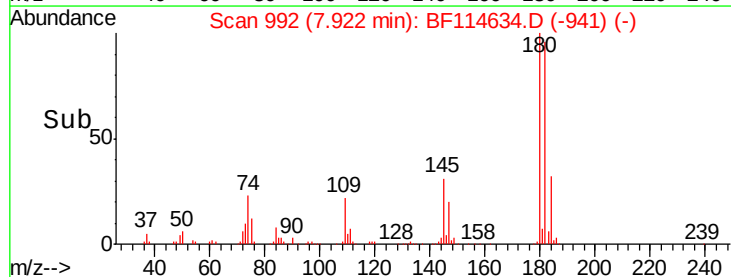
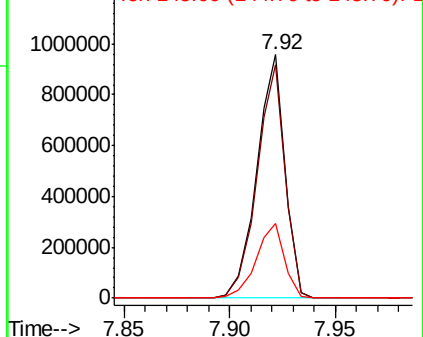


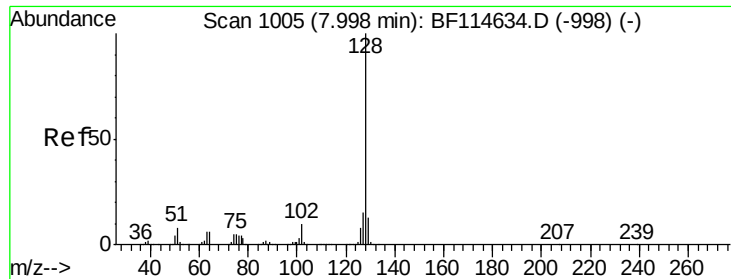
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





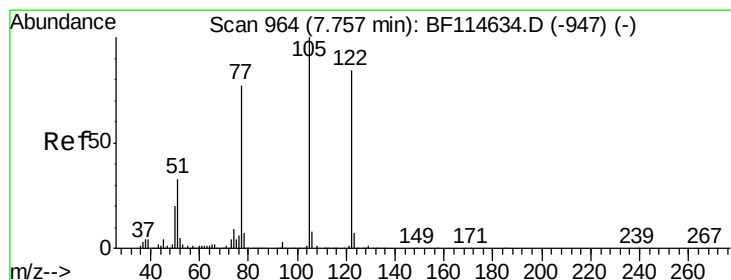
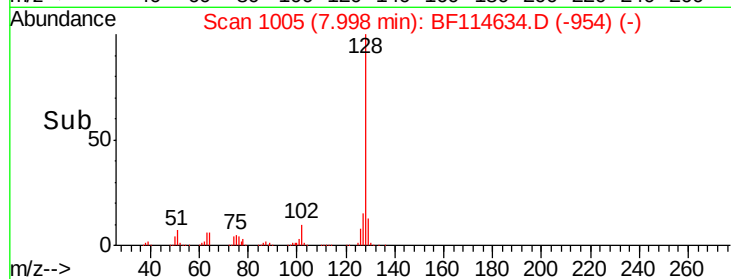
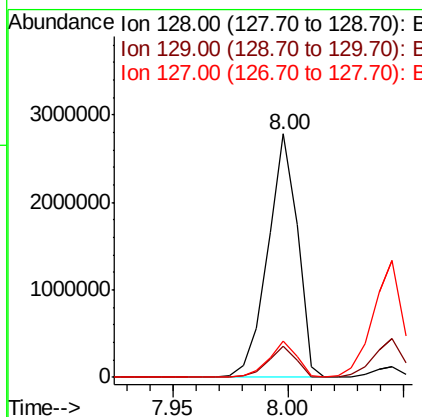
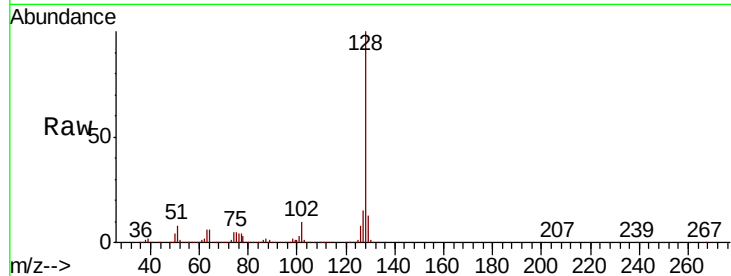
#31
Naphthalene
Concen: 39.979 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.2	15.2
127	14.9	11.9	17.9

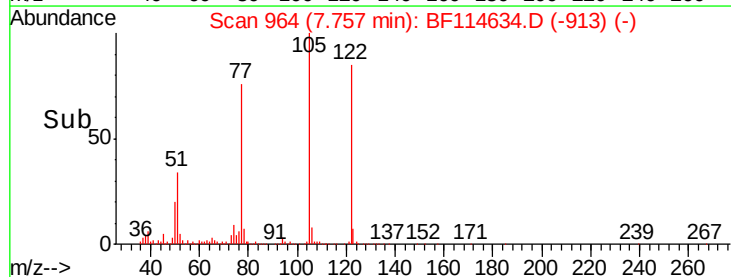
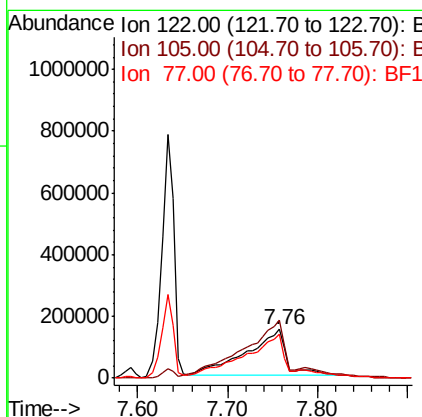
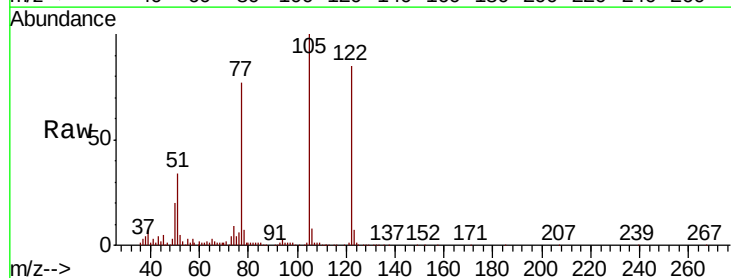
Manual Integrations
APPROVED

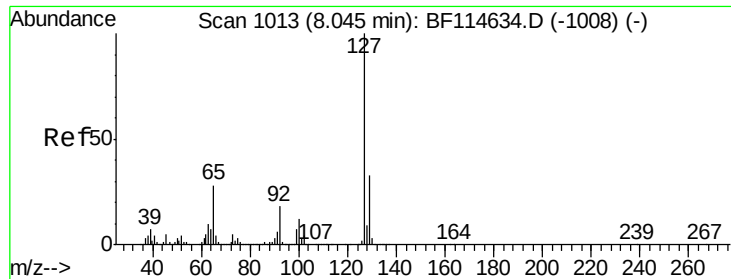
mohammad
5/30/2019 12:47:40 PM



#32
Benzoic acid
Concen: 36.737 ng m
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	98.3	138.3
77	90.7	70.7	110.7





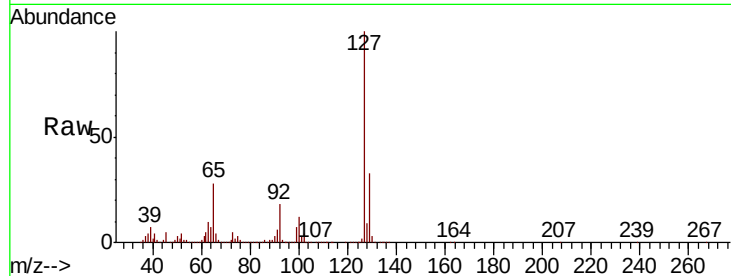
#33
4-Chloroaniline
Concen: 41.832 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.4	26.7	40.1	
65	28.1	22.5	33.7	
92	18.3	14.6	22.0	

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM



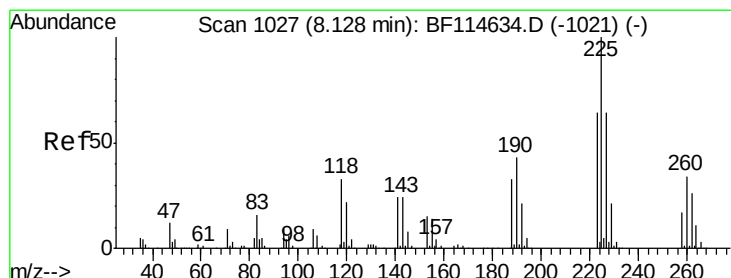
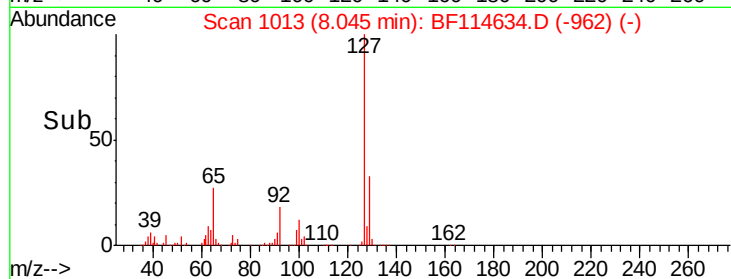
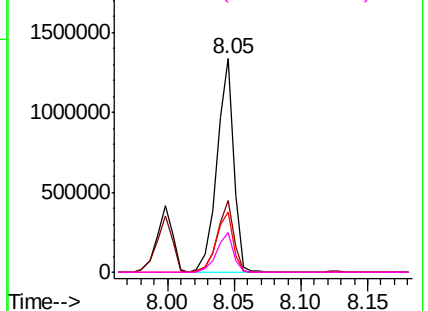
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

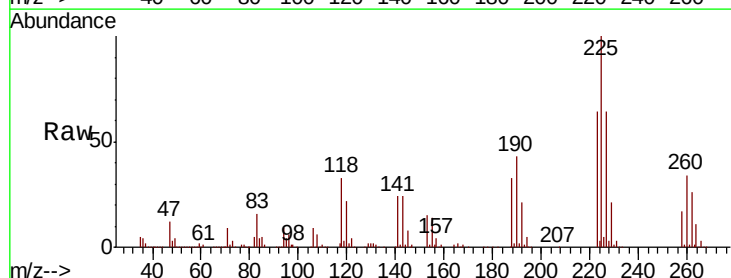
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.495 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	63.6	50.9	76.3	
227	64.1	51.3	76.9	

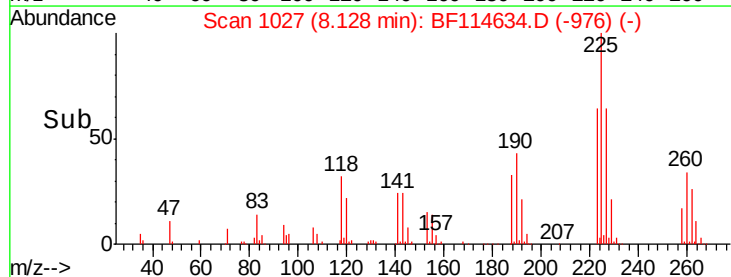
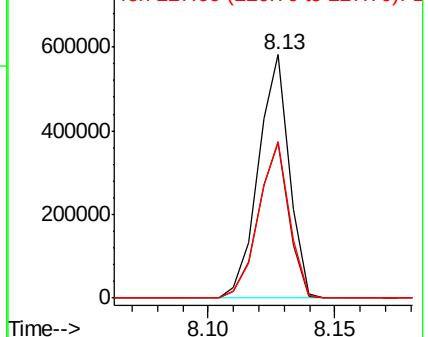


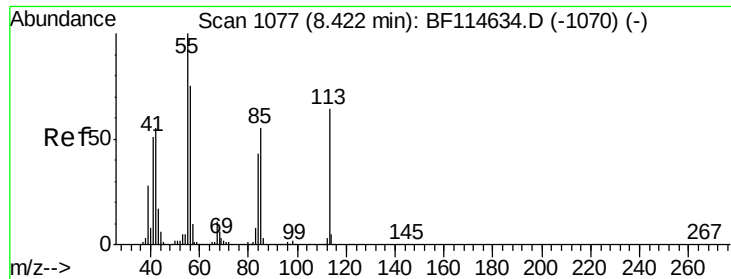
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





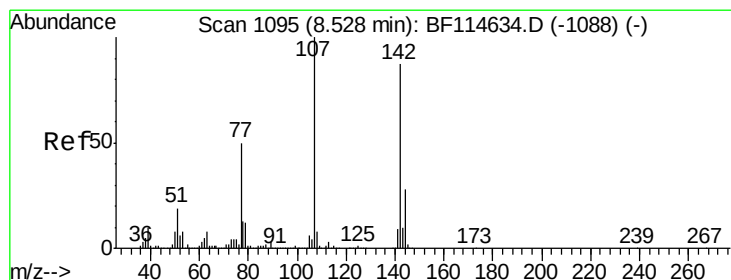
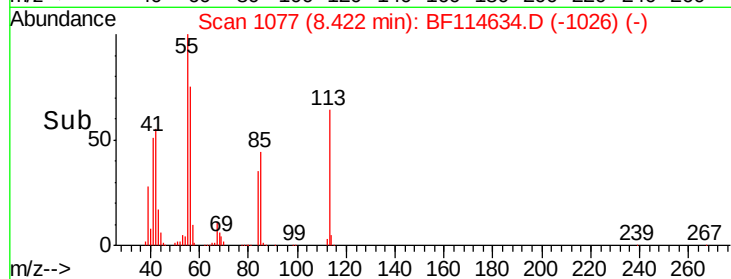
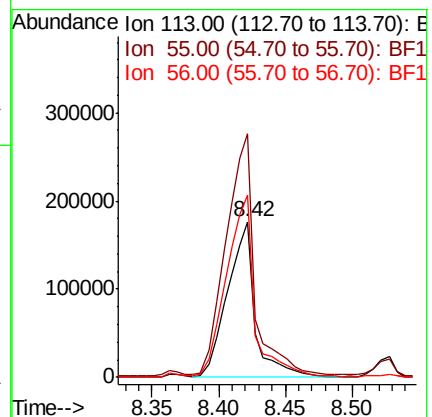
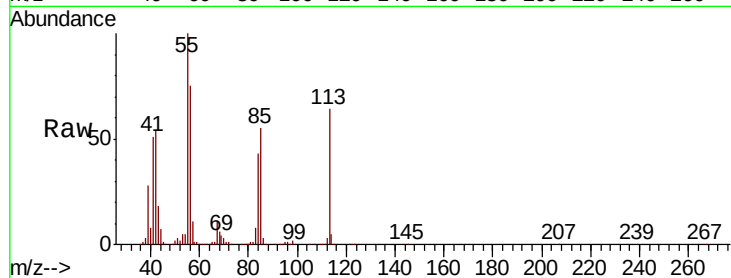
#35
Caprolactam
Concen: 42.486 ng
RT: 8.42 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100	253645		
55	156.4	136.4	176.4	
56	117.0	97.0	137.0	

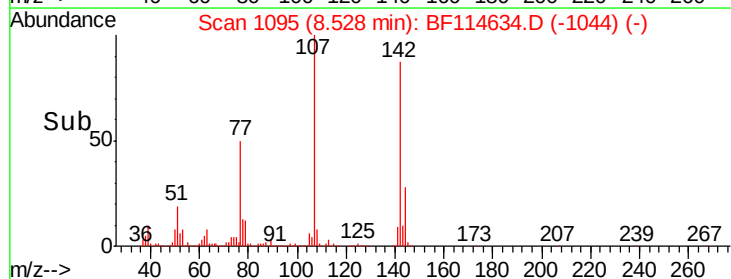
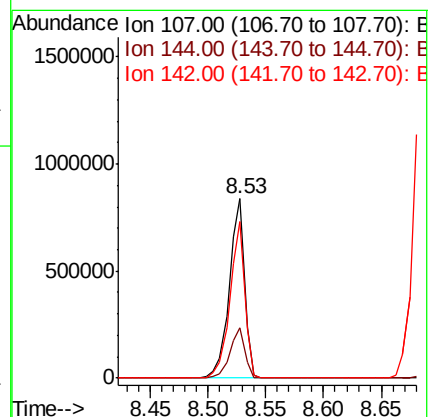
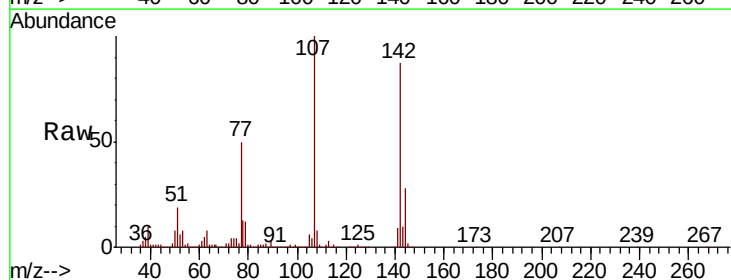
Manual Integrations
APPROVED

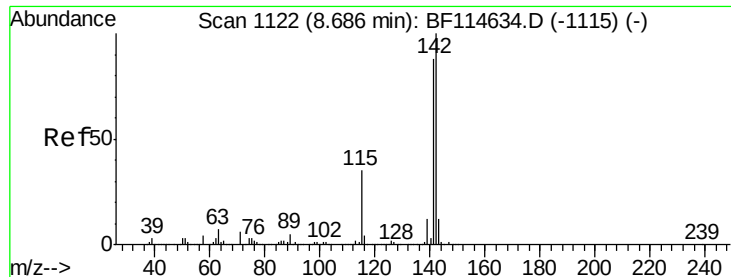
mohammad
5/30/2019 12:47:40 PM



#36
4-Chloro-3-methylphenol
Concen: 41.698 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	768473		
144	28.1	22.5	33.7	
142	87.2	69.8	104.6	





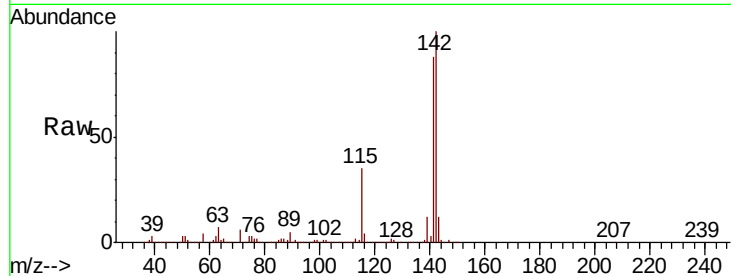
#37
2-Methylnaphthalene
Concen: 42.743 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	35.0	28.0	42.0

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM

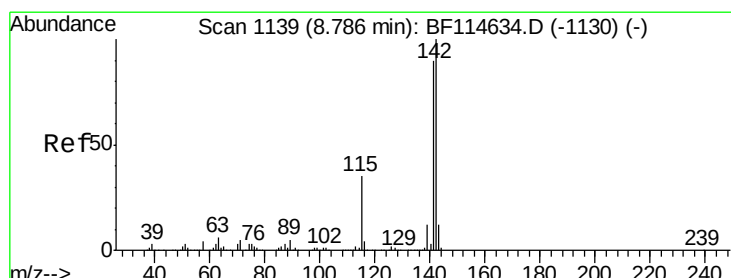
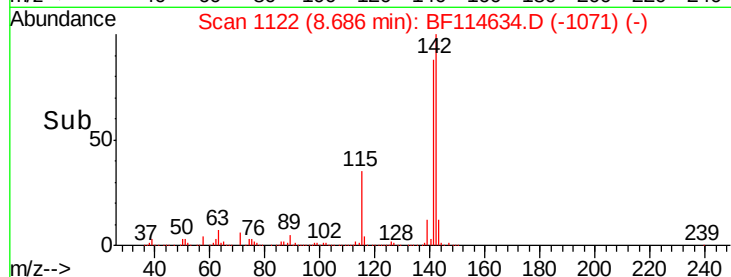
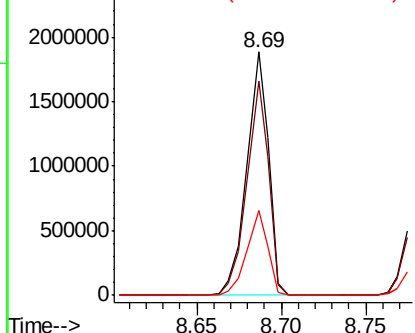


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.157 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

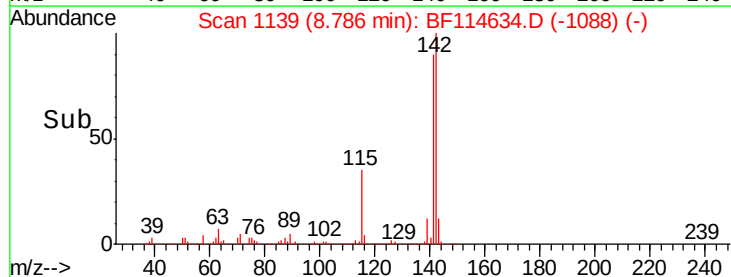
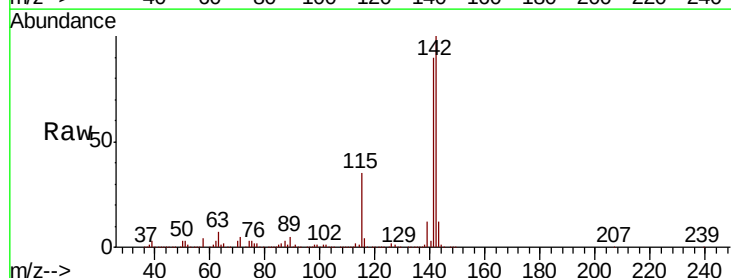
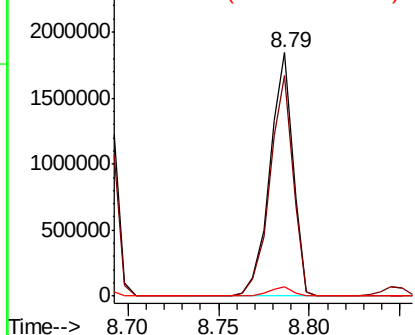
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5
116	3.7	3.0	4.4

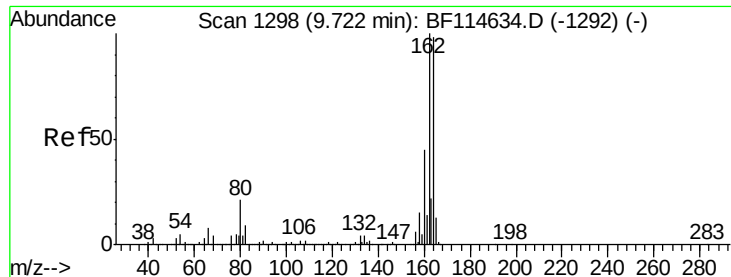
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





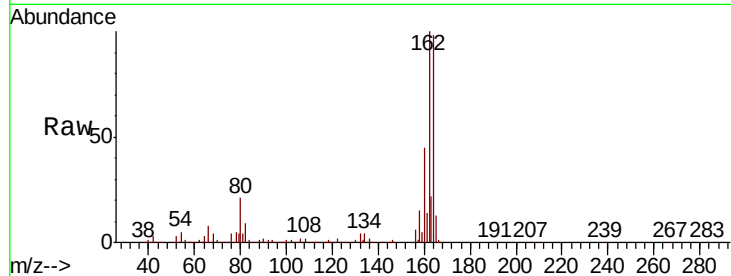
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.2
160	45.7	36.6	54.8

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM

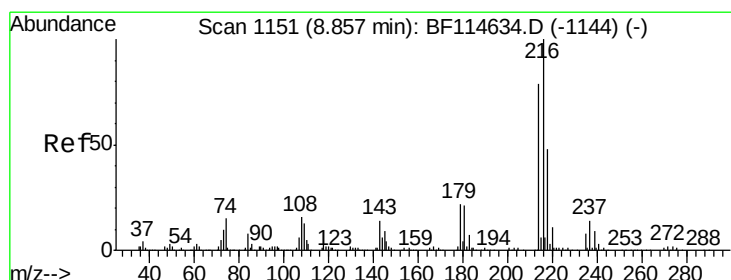
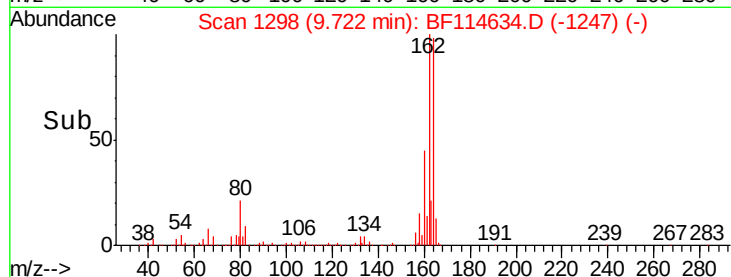
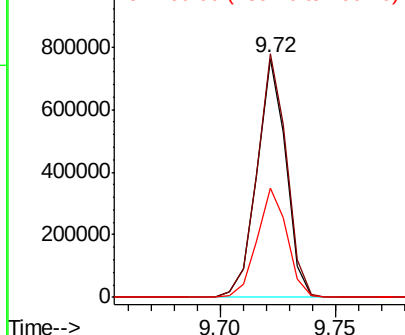


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.776 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	22.4	17.9	26.9
108	19.8	15.8	23.8

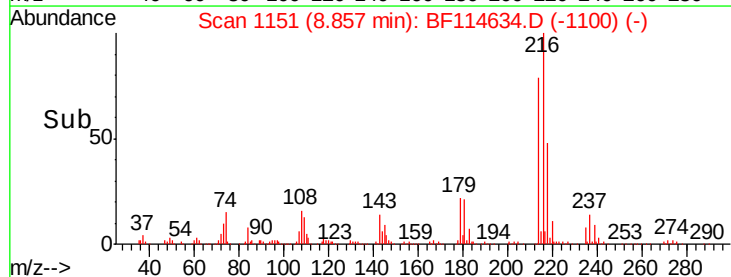
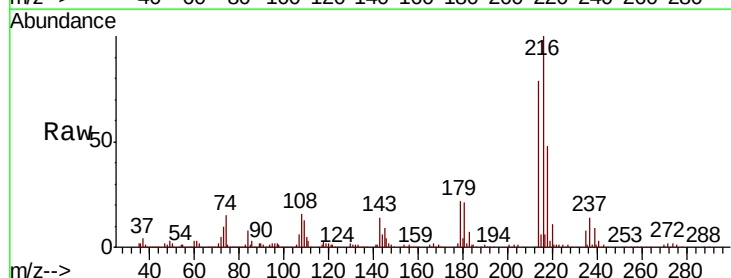
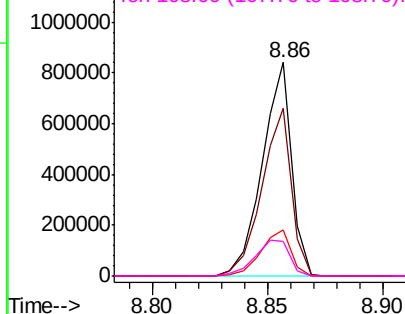
Abundance

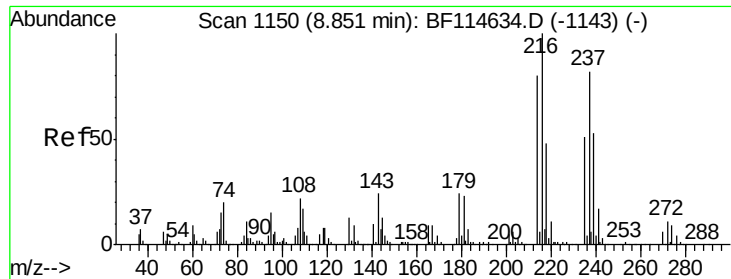
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 57.357 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Instrument :

BNA_F

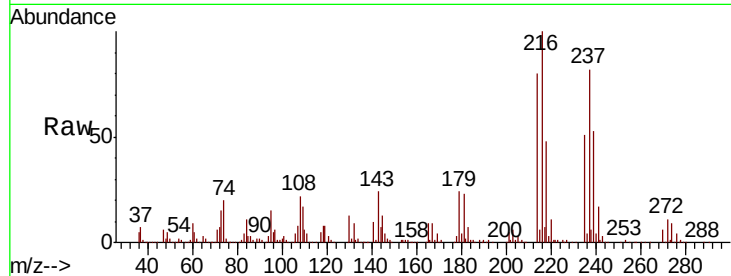
ClientSampleId :

SSTDICCC040

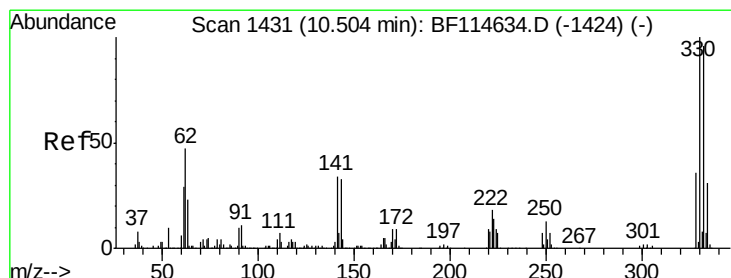
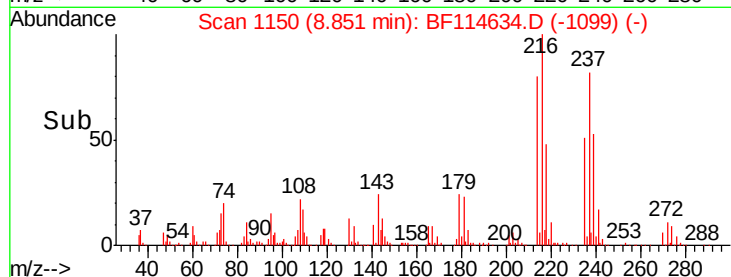
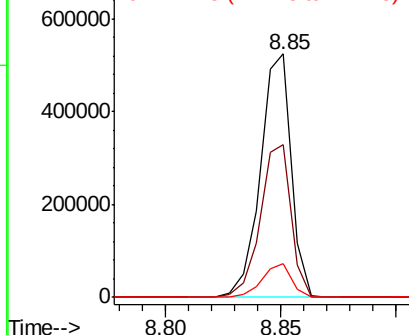
Tot Ion:	237	Resp:	488070
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.8	82.8
272	13.7	0.0	33.7

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM



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: 76.935 ng

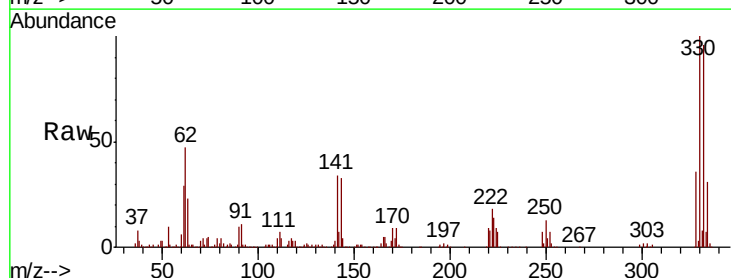
RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

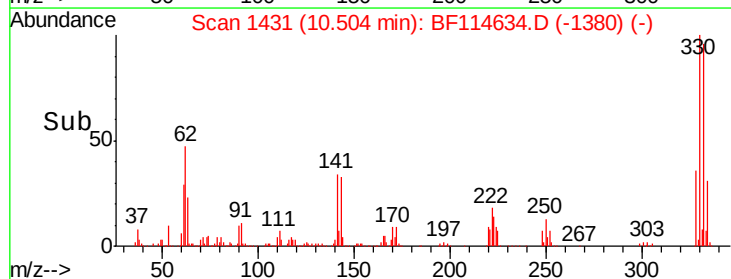
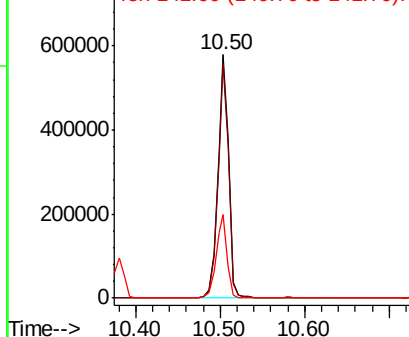
Lab File: BF114634.D

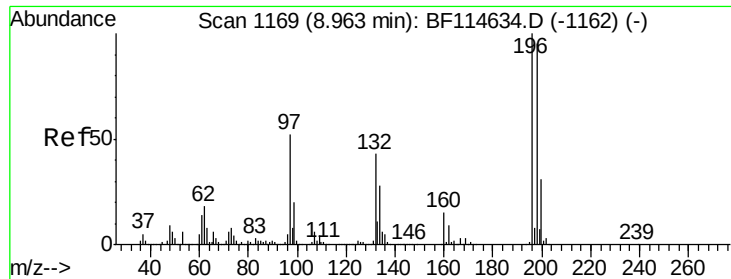
Acq: 29 May 2019 15:16

Tgt Ion:	330	Resp:	531003
Ion Ratio	Lower	Upper	
330	100		
332	94.8	75.8	113.8
141	34.8	27.8	41.8



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





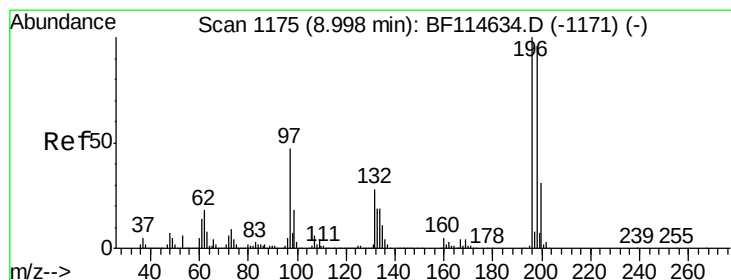
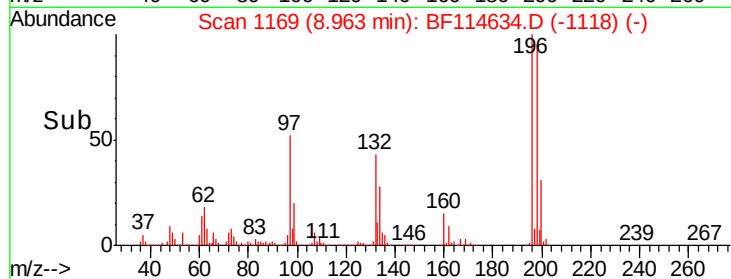
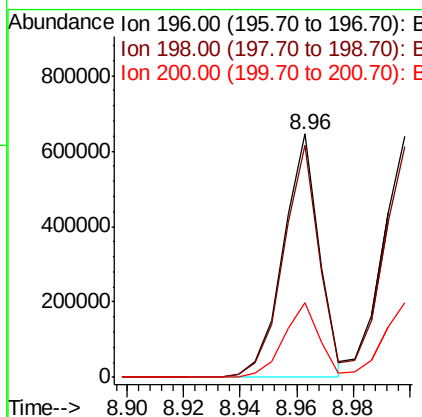
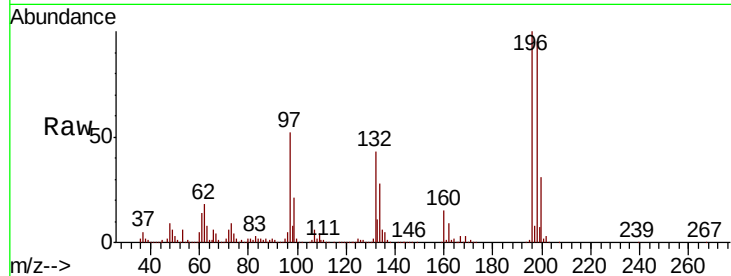
#43
 2,4,6-Trichlorophenol
 Concen: 40.837 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF114634.D
 Acq: 29 May 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	568049		
198	95.1	76.1	114.1	
200	30.9	24.7	37.1	

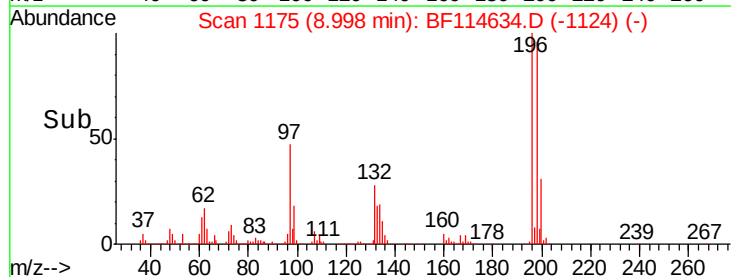
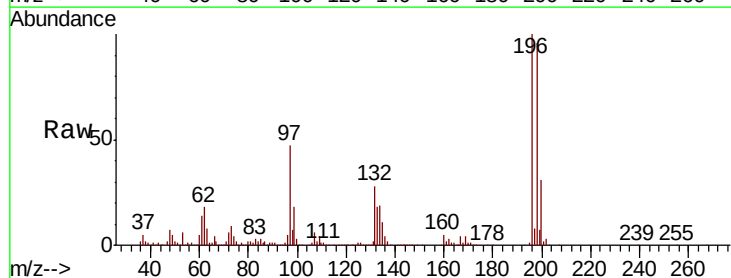
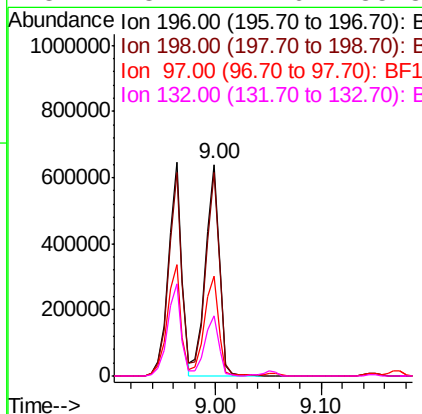
Manual Integrations
 APPROVED

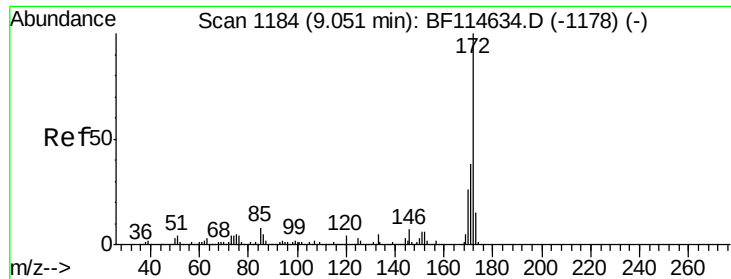
mohammad
 5/30/2019 12:47:40 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.924 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF114634.D
 Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	583806		
198	96.0	76.8	115.2	
97	47.3	37.8	56.8	
132	28.2	22.6	33.8	





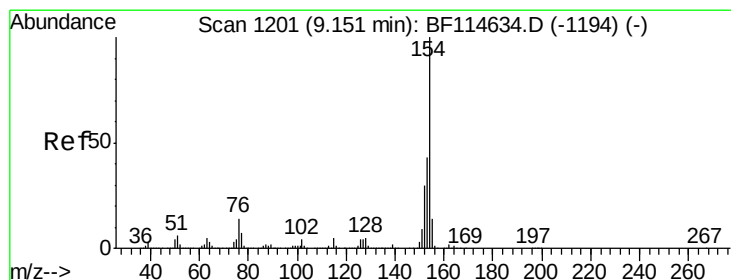
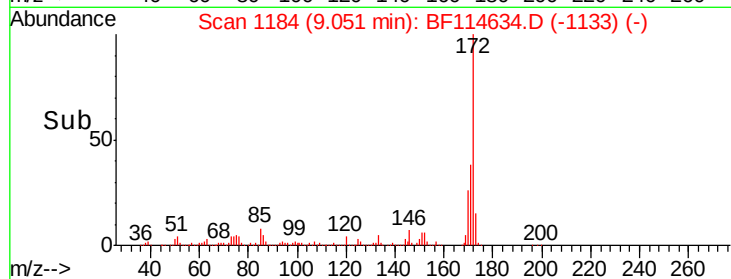
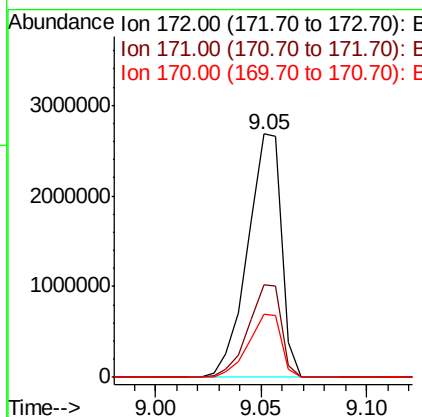
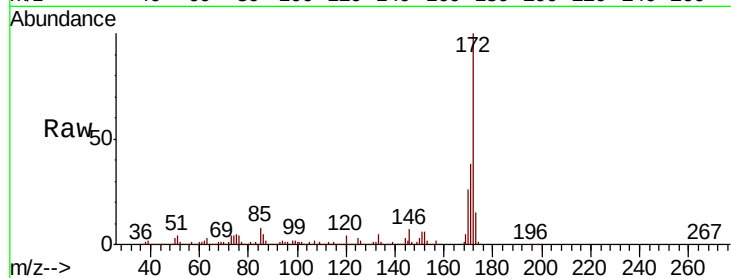
#45
2-Fluorobiphenyl
Concen: 67.827 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.6	45.8
170	25.9	20.7	31.1

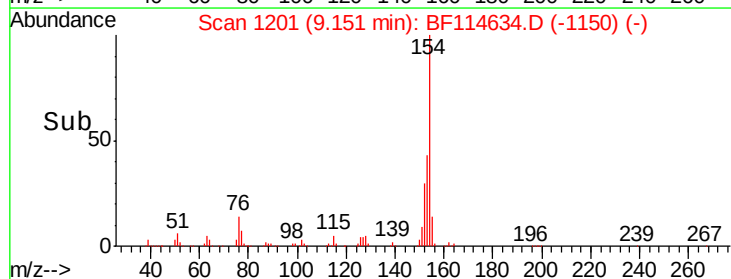
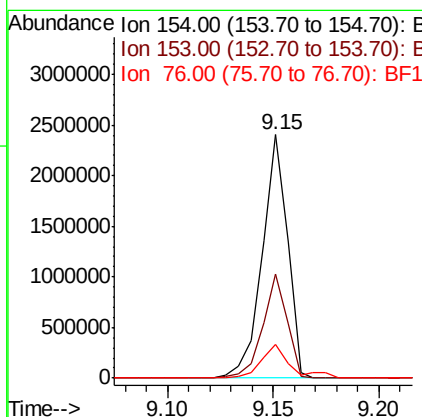
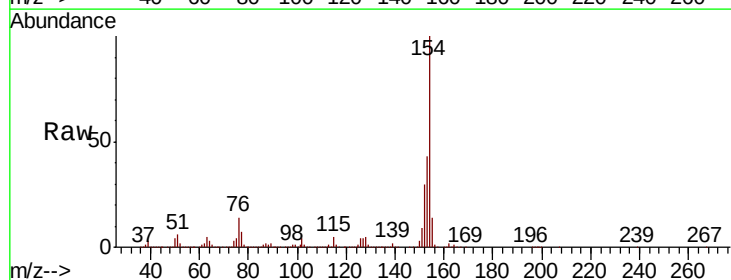
Manual Integrations
APPROVED

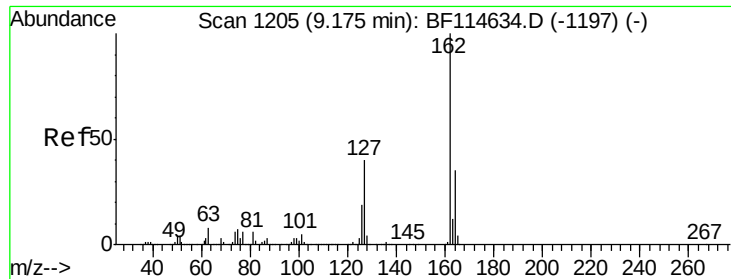
mohammad
5/30/2019 12:47:40 PM



#46
1,1'-Biphenyl
Concen: 37.163 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.0	63.0
76	13.9	0.0	33.9





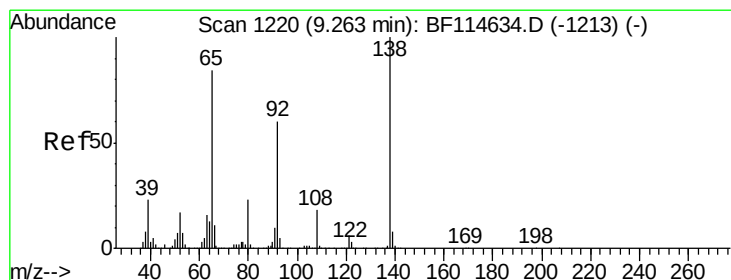
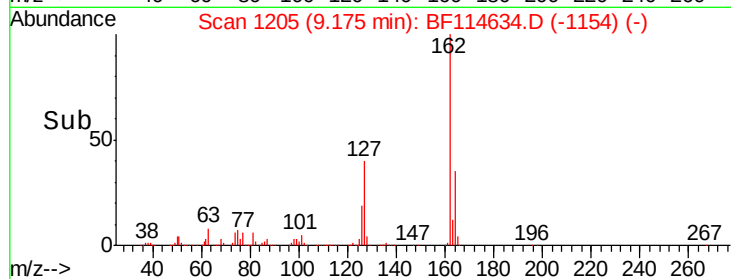
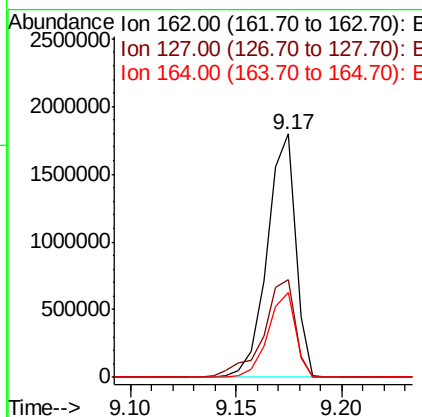
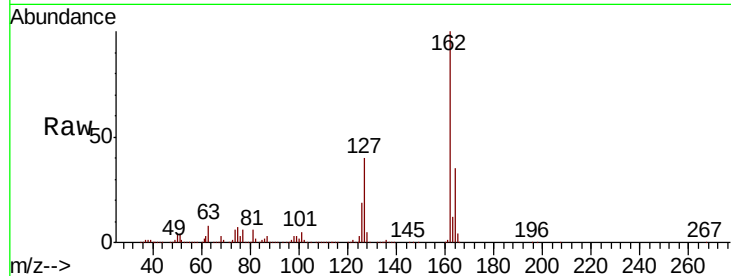
#47
2-Chloronaphthalene
Concen: 38.827 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.2	48.2
164	34.7	27.8	41.6

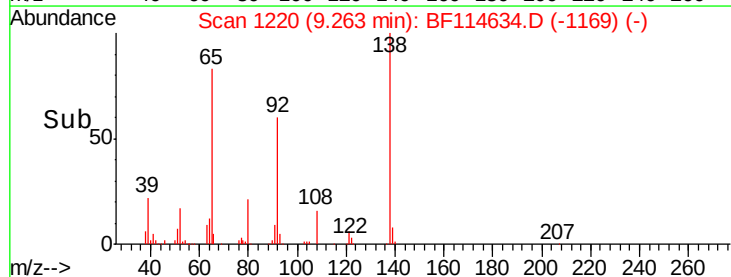
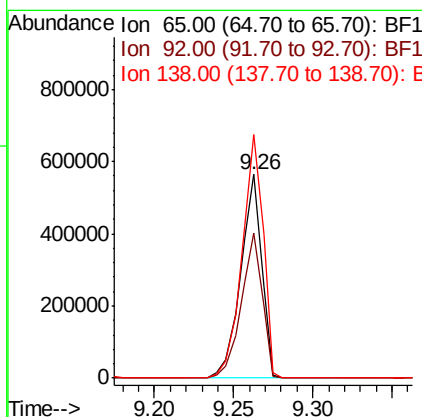
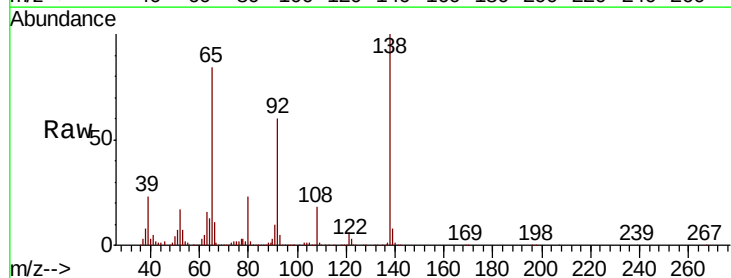
Manual Integrations
APPROVED

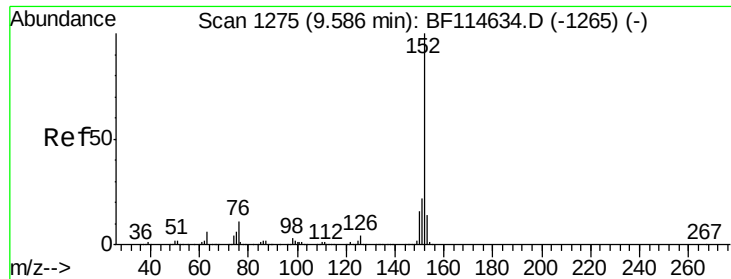
mohammad
5/30/2019 12:47:40 PM



#48
2-Nitroaniline
Concen: 33.494 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	57.1	85.7
138	119.7	95.8	143.6





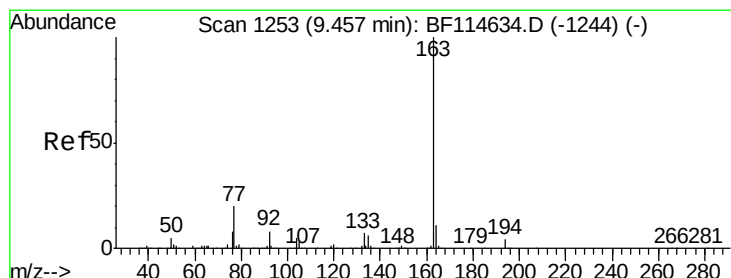
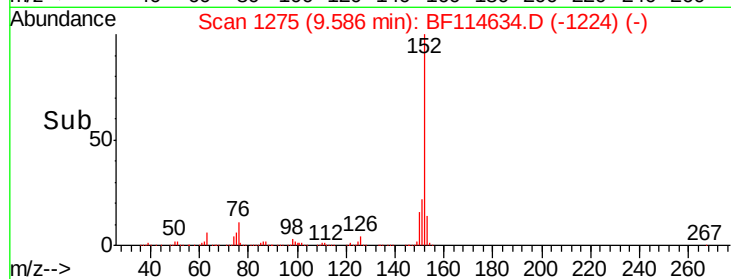
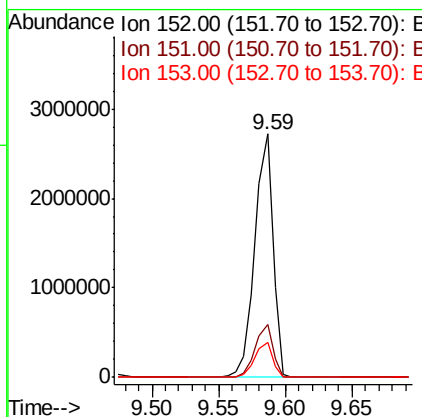
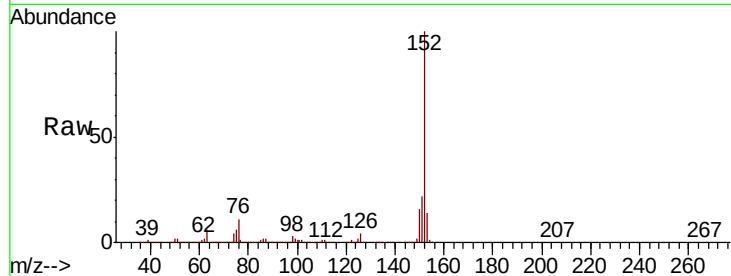
#49
Acenaphthylene
Concen: 38.278 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.5	26.3
153	14.5	11.6	17.4

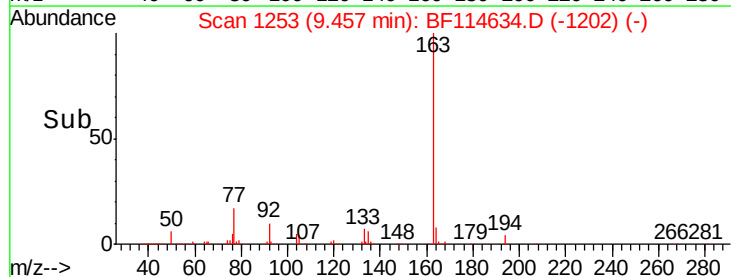
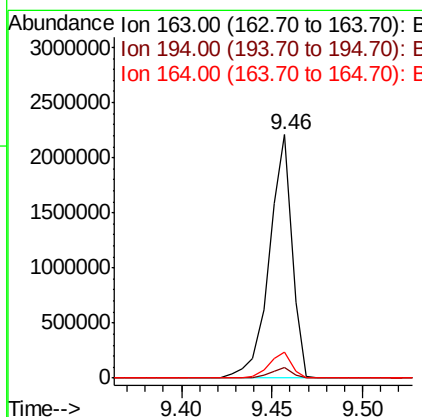
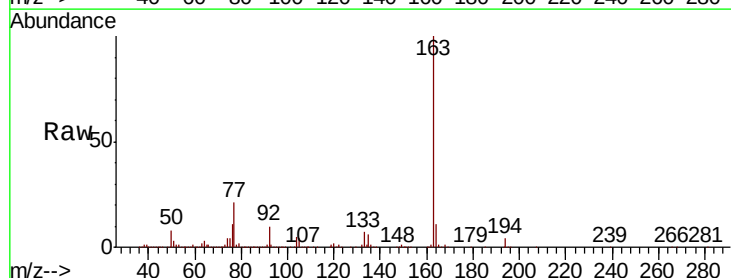
Manual Integrations
APPROVED

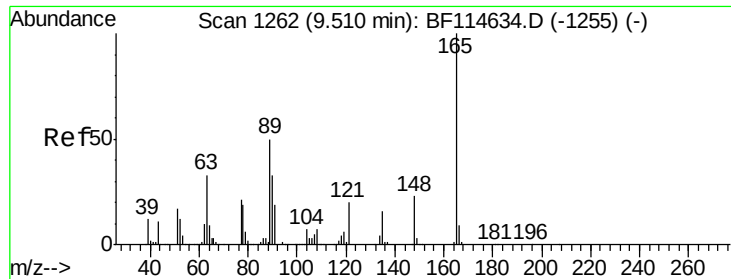
mohammad
5/30/2019 12:47:40 PM



#50
Dimethylphthalate
Concen: 39.099 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.8	8.6	13.0





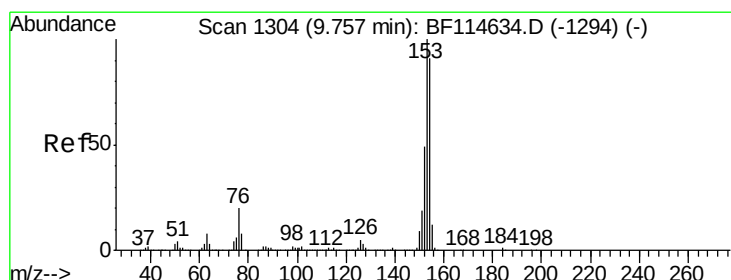
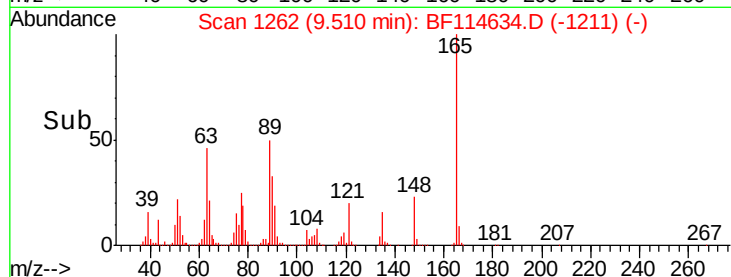
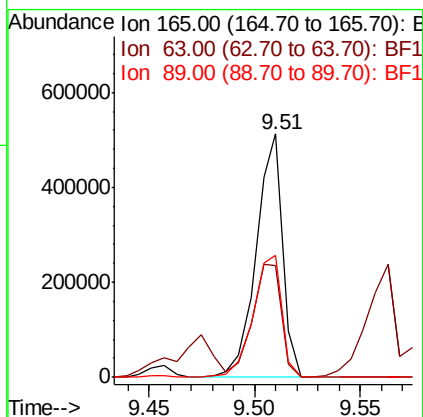
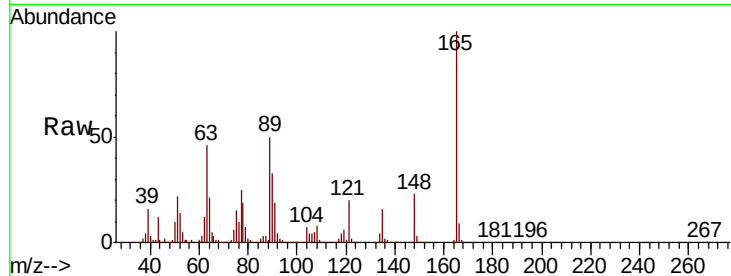
#51
2,6-Dinitrotoluene
Concen: 41.044 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	446152		
63	45.7	36.6	54.8	
89	50.3	40.2	60.4	

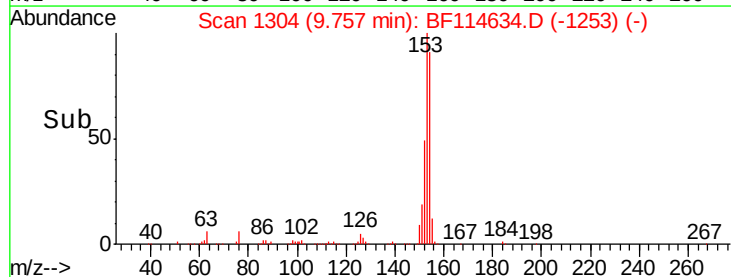
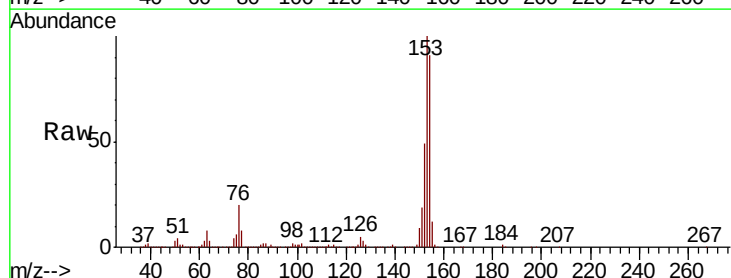
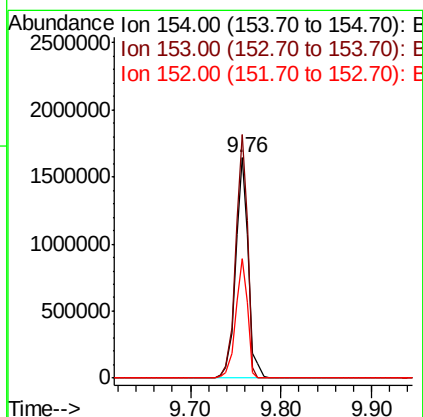
Manual Integrations
APPROVED

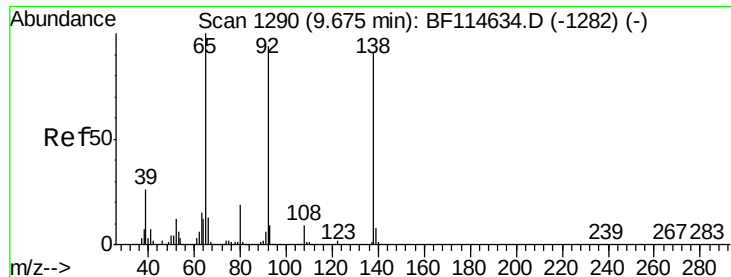
mohammad
5/30/2019 12:47:40 PM



#52
Acenaphthene
Concen: 39.718 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1609018		
153	110.5	88.4	132.6	
152	54.2	43.4	65.0	





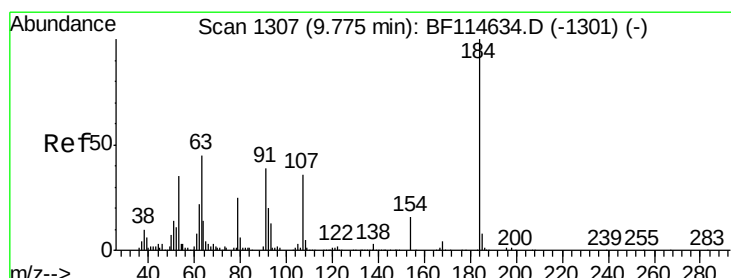
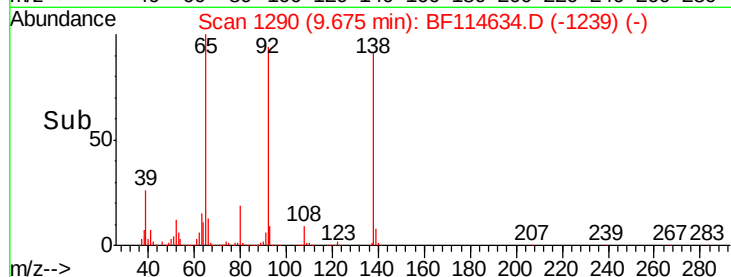
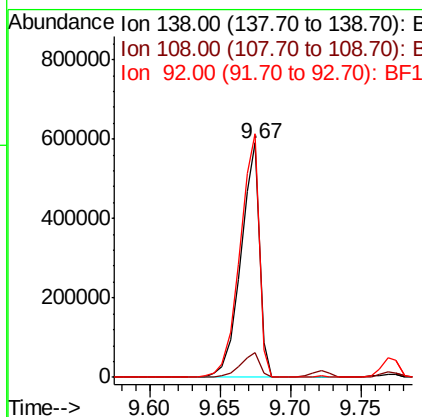
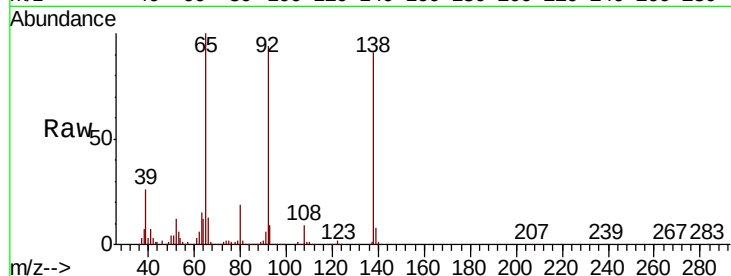
#53
3-Nitroaniline
Concen: 40.078 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	103.9	83.1	124.7

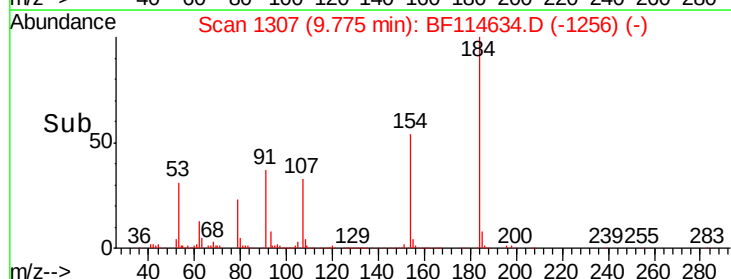
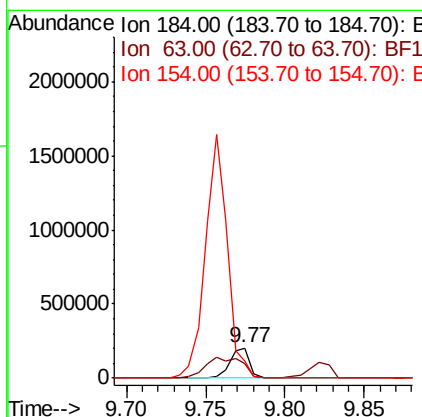
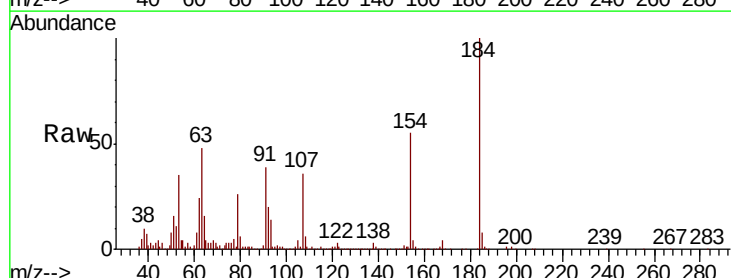
Manual Integrations
APPROVED

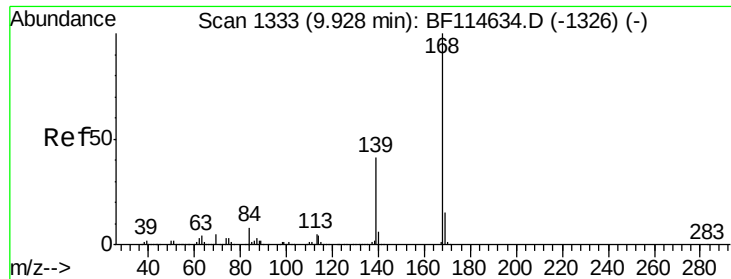
mohammad
5/30/2019 12:47:40 PM



#54
2,4-Dinitrophenol
Concen: 40.265 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.5	38.8	58.2
154	54.6	43.7	65.5





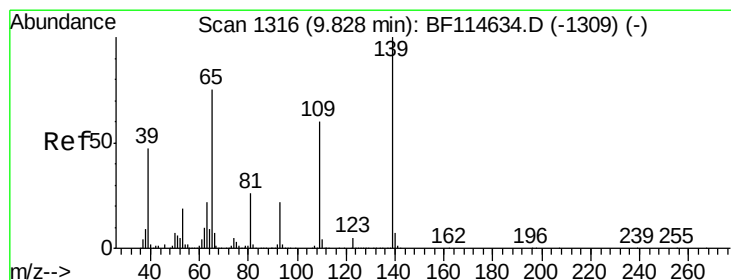
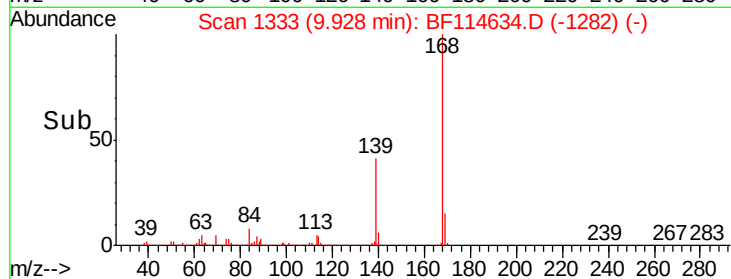
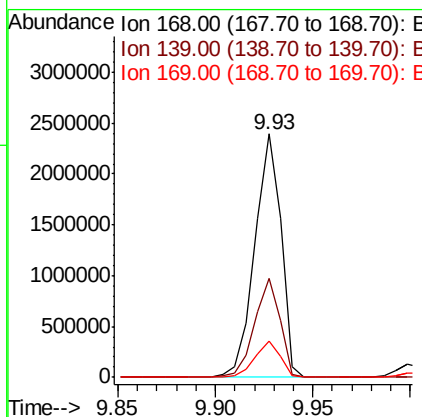
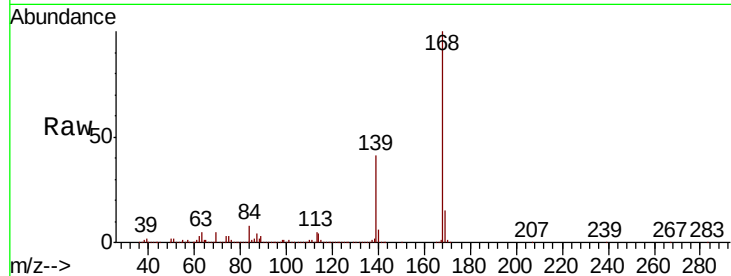
#55
Dibenzofuran
Concen: 37.430 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	32.6	48.8
169	14.8	11.8	17.8

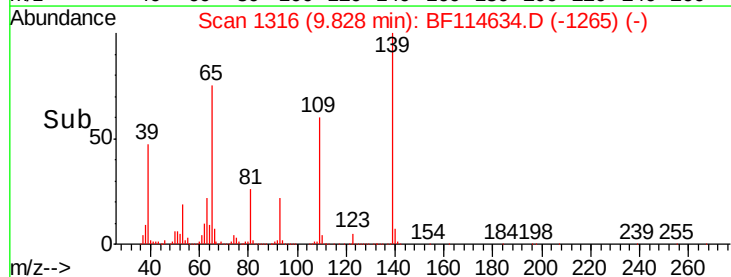
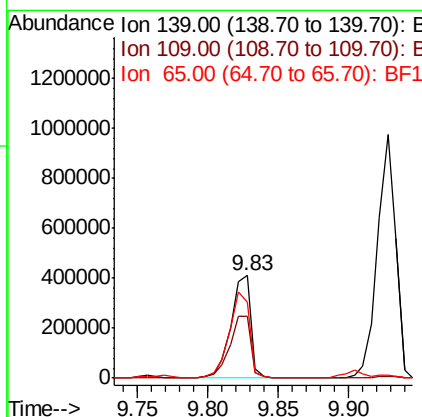
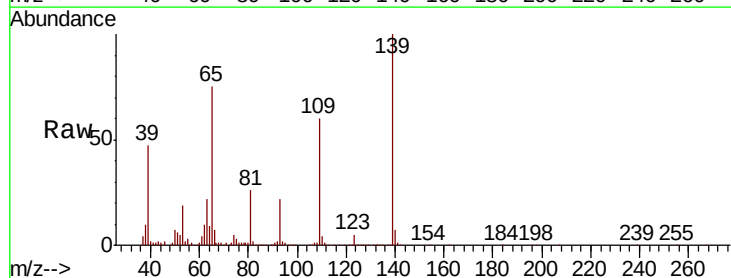
Manual Integrations
APPROVED

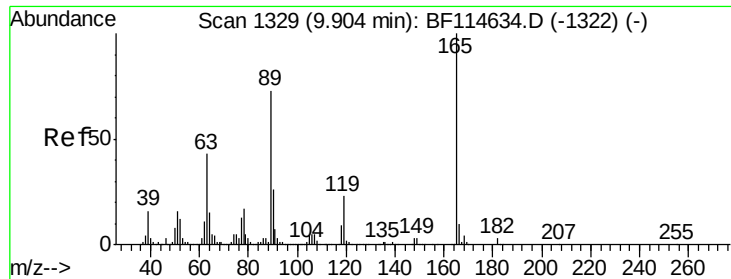
mohammad
5/30/2019 12:47:40 PM



#56
4-Nitrophenol
Concen: 42.488 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.4	40.4	80.4
65	74.7	54.7	94.7





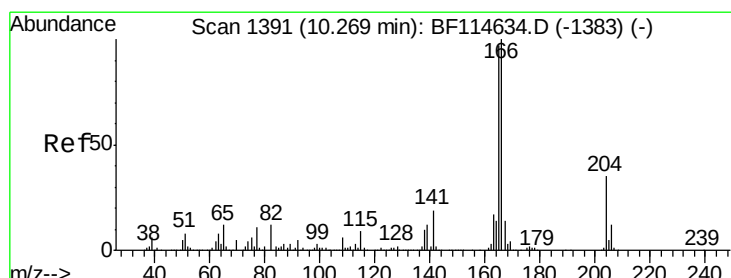
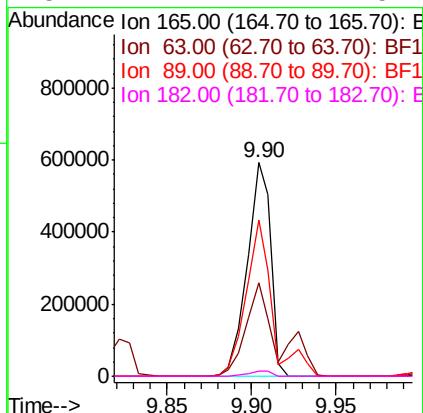
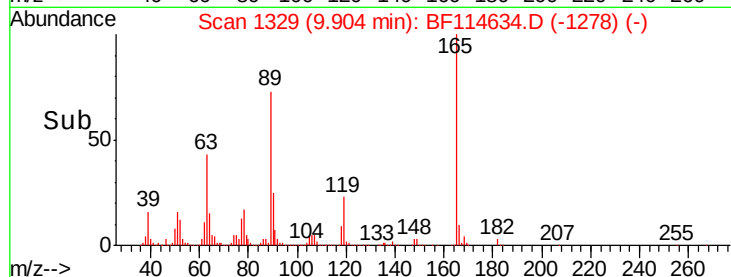
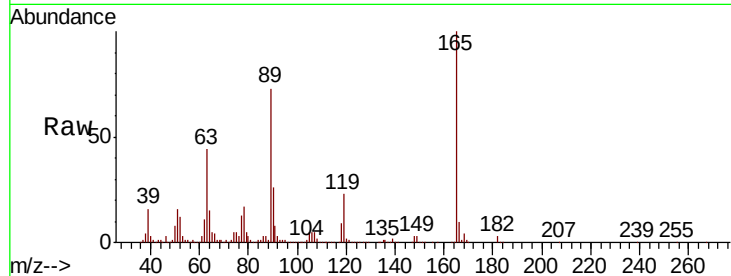
#57
2,4-Dinitrotoluene
Concen: 39.052 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		576171		
63	43.5		34.8	52.2	
89	73.1		58.5	87.7	
182	2.7		2.2	3.2	

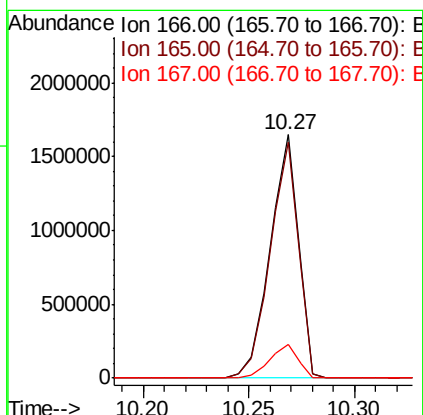
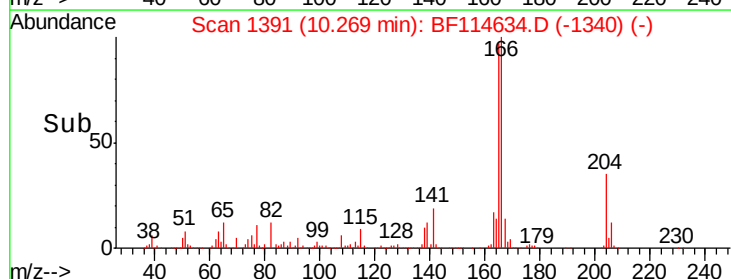
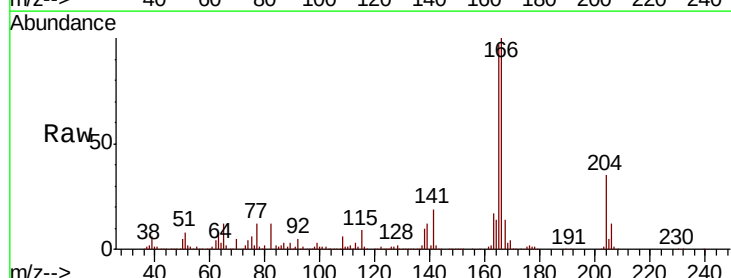
Manual Integrations
APPROVED

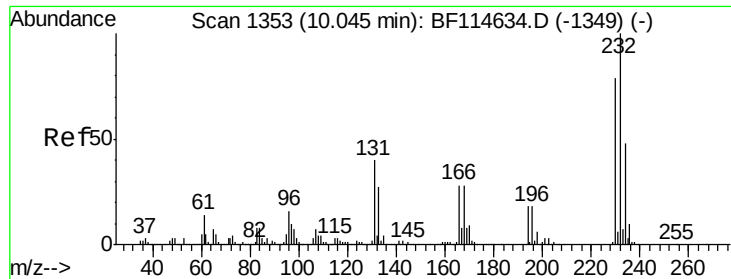
mohammad
5/30/2019 12:47:40 PM



#58
Fluorene
Concen: 33.449 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1534760		
165	97.0		77.6	116.4	
167	14.0		11.2	16.8	





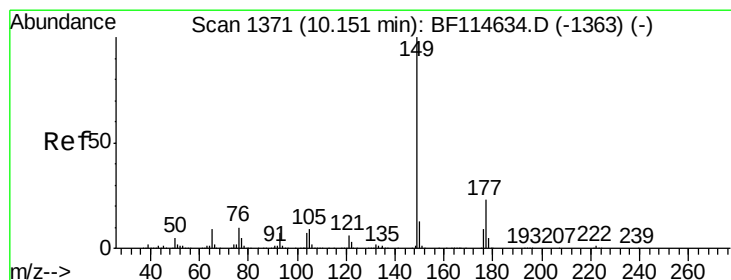
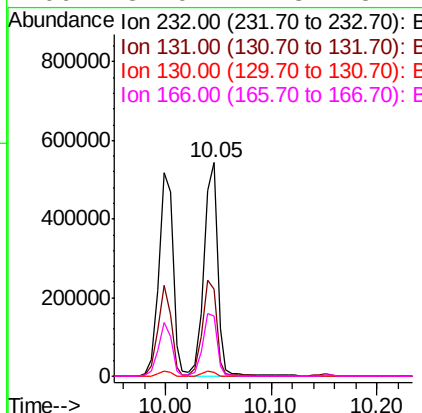
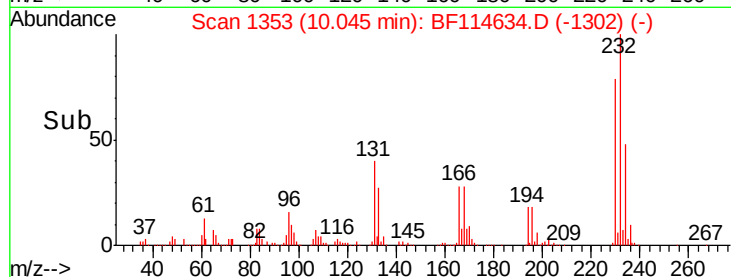
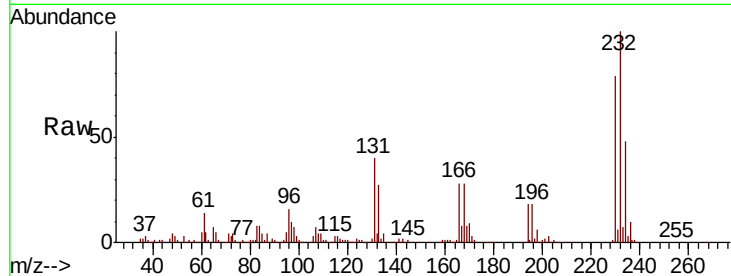
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.167 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	37.2	55.8
130	2.3	1.8	2.8
166	31.0	24.8	37.2

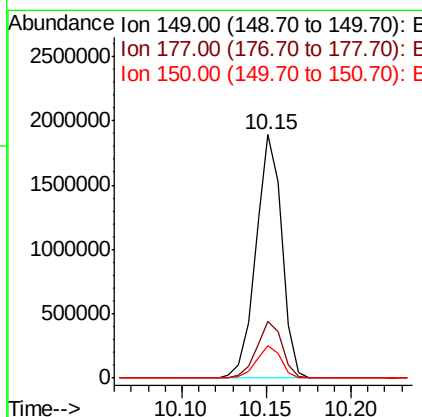
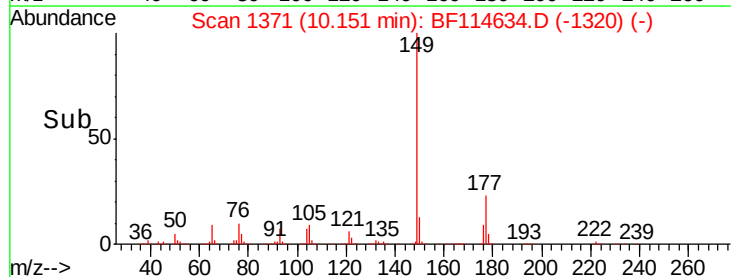
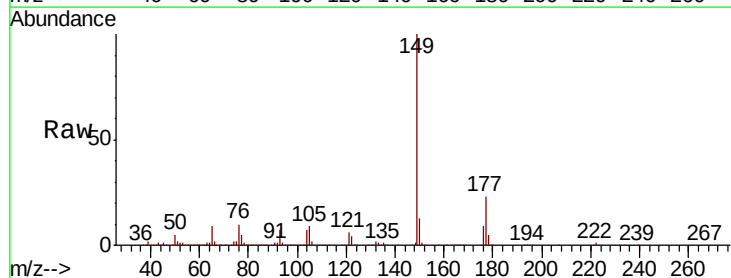
Manual Integrations
APPROVED

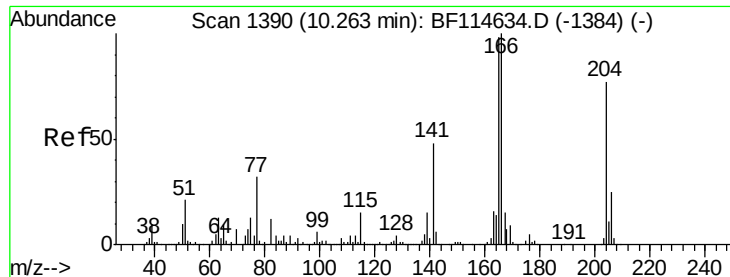
mohammad
5/30/2019 12:47:40 PM



#60
Diethylphthalate
Concen: 40.301 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.6	28.0
150	13.2	10.6	15.8





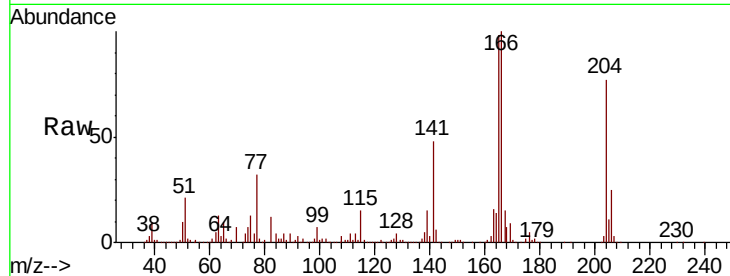
#61
4-Chlorophenyl-phenylether
Concen: 34.370 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

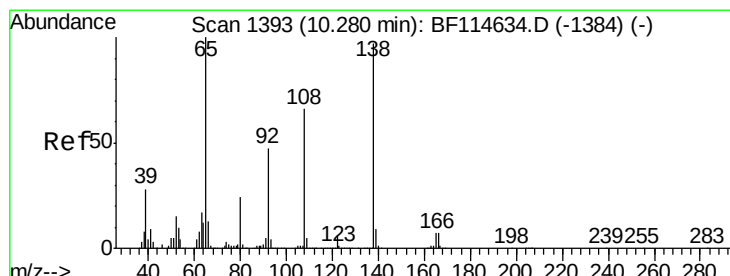
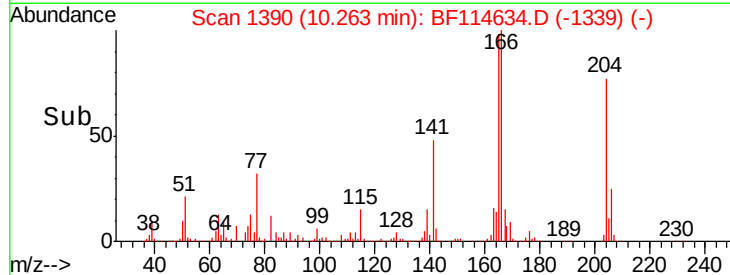
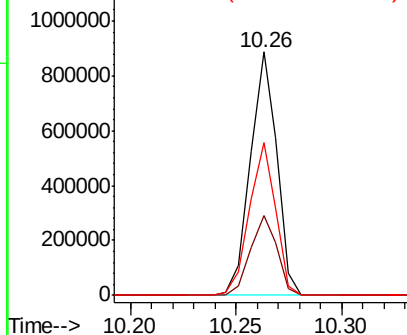
Tot Ion:	204	Resp:	774548
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.4	39.6
141	62.5	50.0	75.0

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM

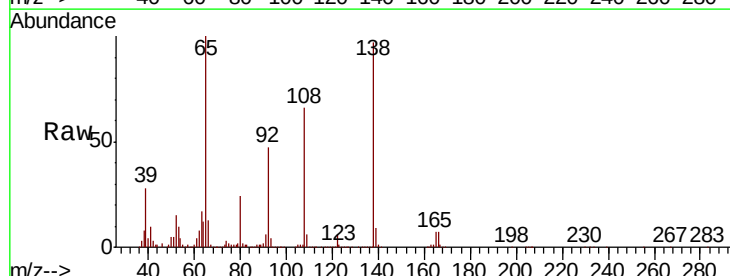


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

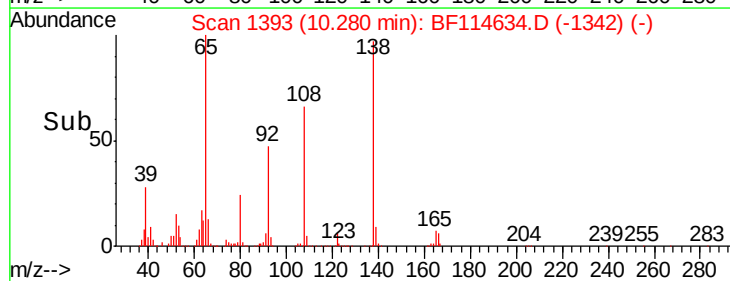
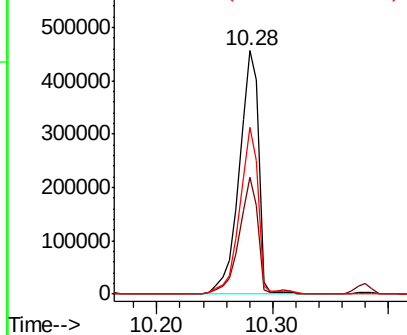


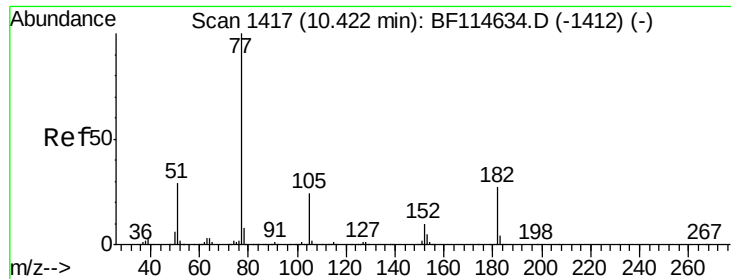
#62
4-Nitroaniline
Concen: 37.385 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion:	138	Resp:	530092
Ion Ratio	Lower	Upper	
138	100		
92	48.0	28.0	68.0
108	68.4	48.4	88.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





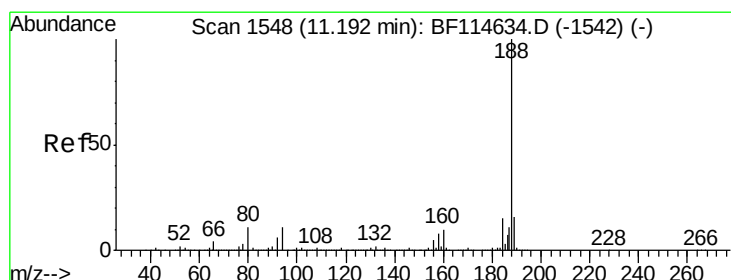
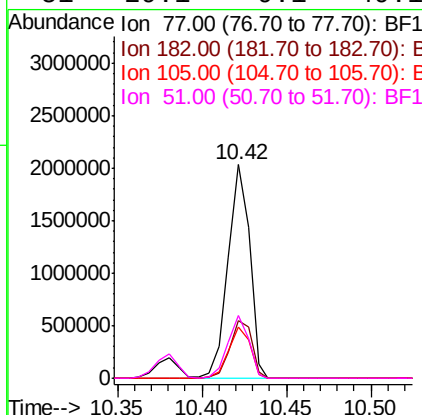
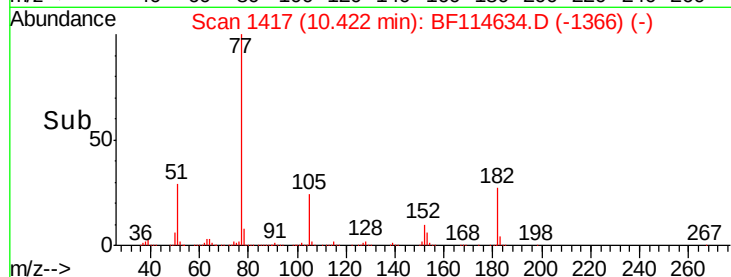
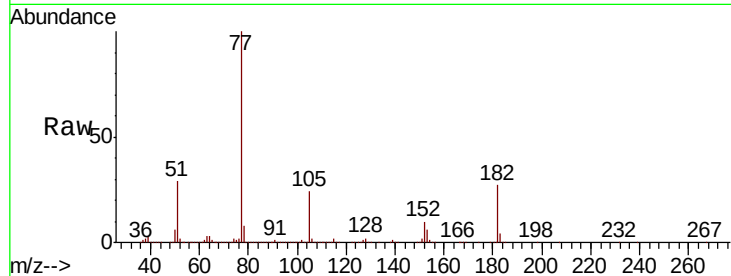
#63
Azobenzene
Concen: 37.567 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.0	7.0	47.0	
105	23.7	3.7	43.7	
51	29.1	9.1	49.1	

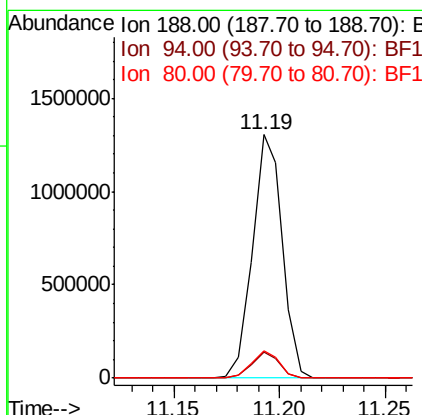
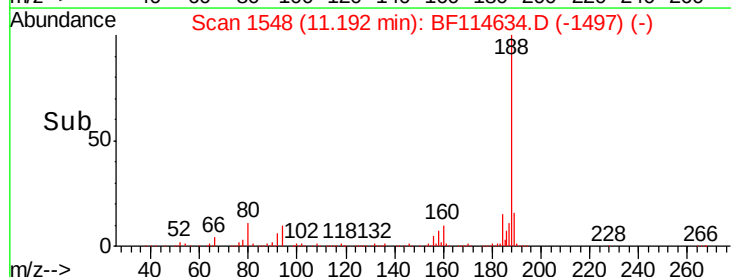
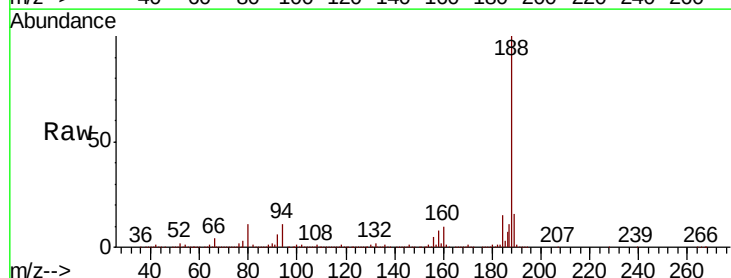
Manual Integrations
APPROVED

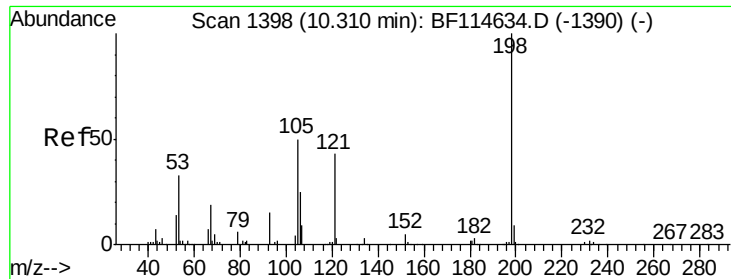
mohammad
5/30/2019 12:47:40 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.8	8.6	13.0	
80	11.3	9.0	13.6	





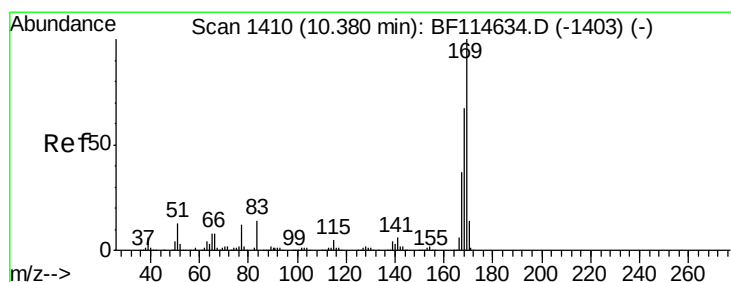
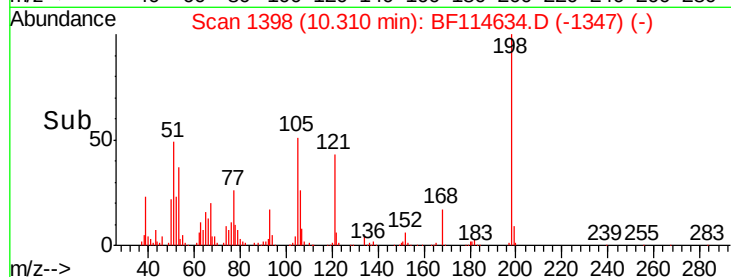
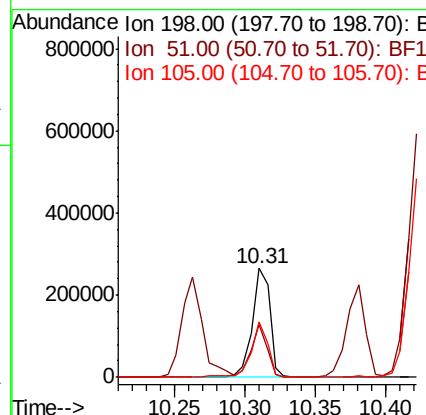
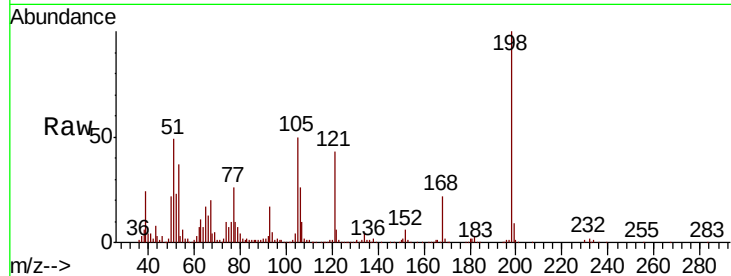
#65
4,6-Dinitro-2-methylphenol
Concen: 38.104 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	233236		
51	49.0	29.0	69.0	
105	50.4	30.4	70.4	

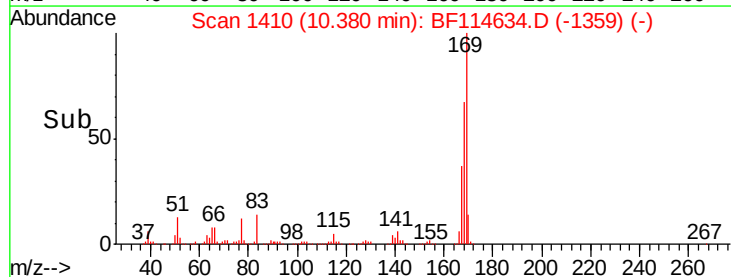
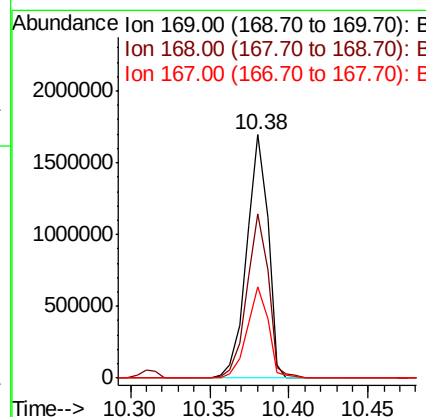
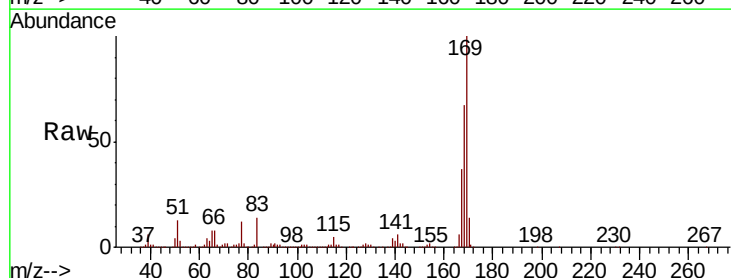
Manual Integrations
APPROVED

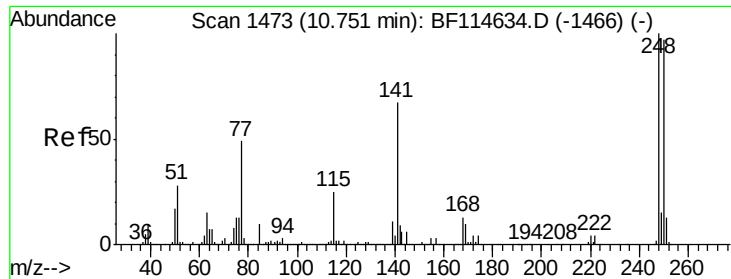
mohammad
5/30/2019 12:47:40 PM



#66
n-Nitrosodiphenylamine
Concen: 40.795 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1577201		
168	67.3	53.8	80.8	
167	37.2	29.8	44.6	





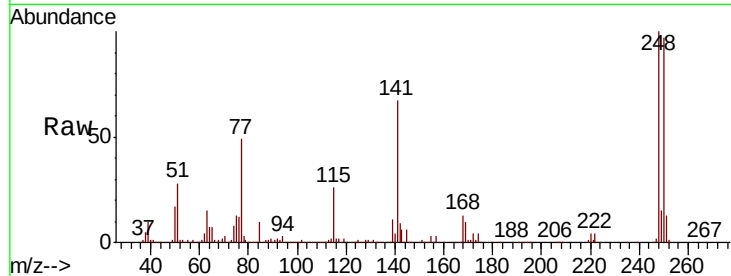
#67
4-Bromophenyl-phenylether
Concen: 41.073 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.0	117.0
141	67.3	53.8	80.8

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM

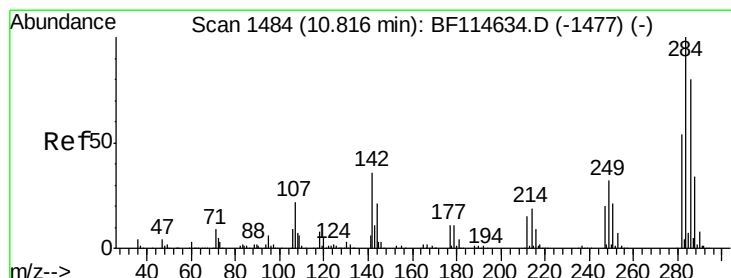
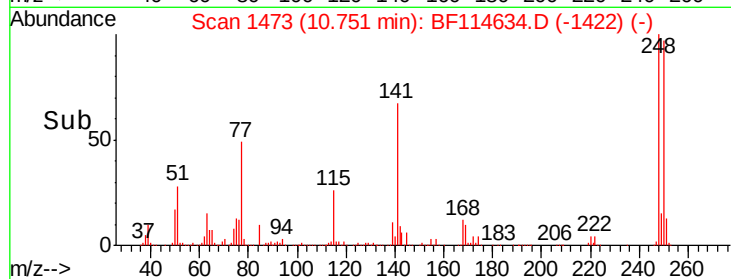
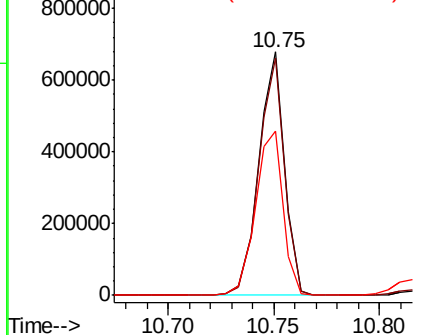


Abundance

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: 39.632 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

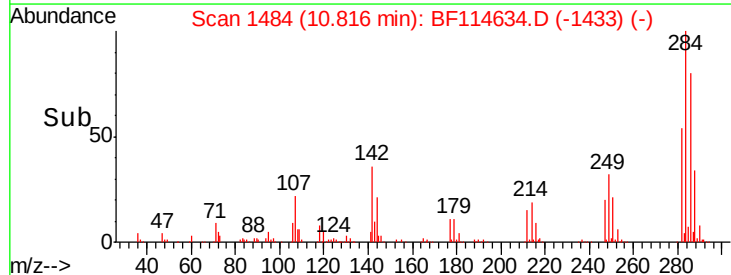
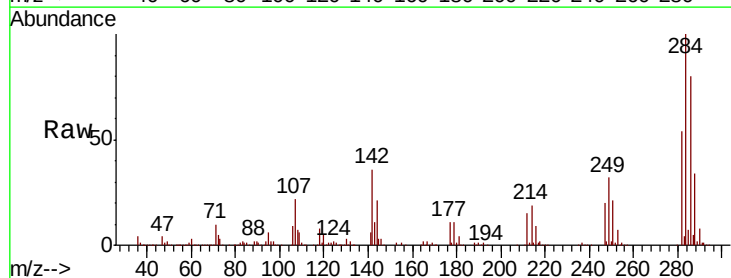
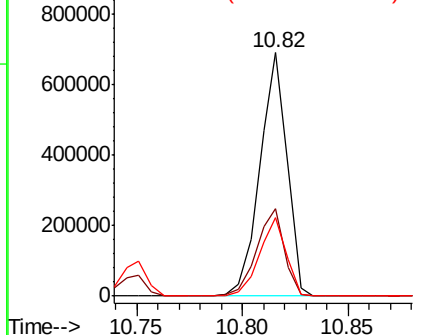
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.9	43.3
249	32.2	25.8	38.6

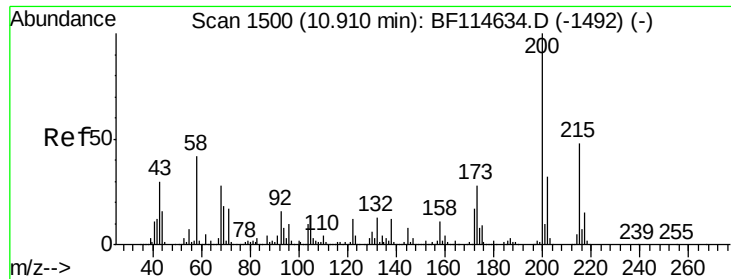
Abundance

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





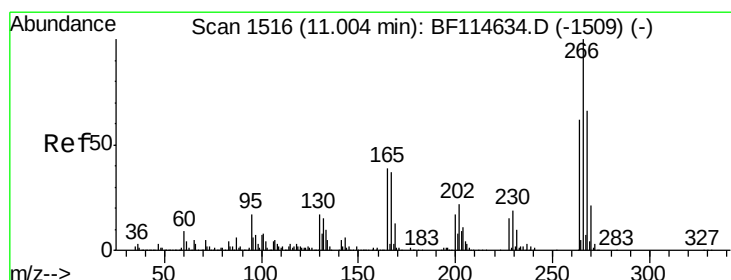
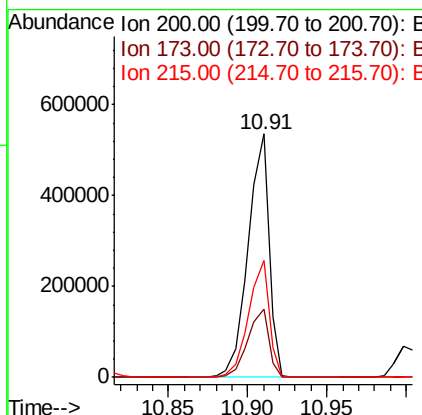
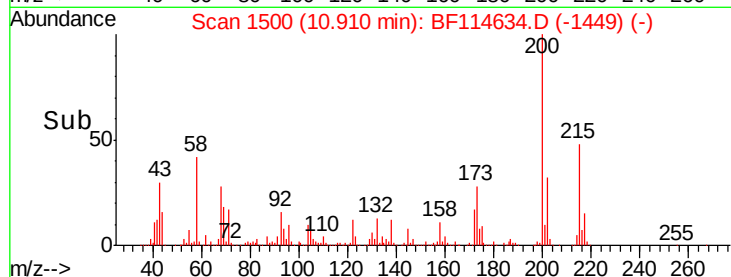
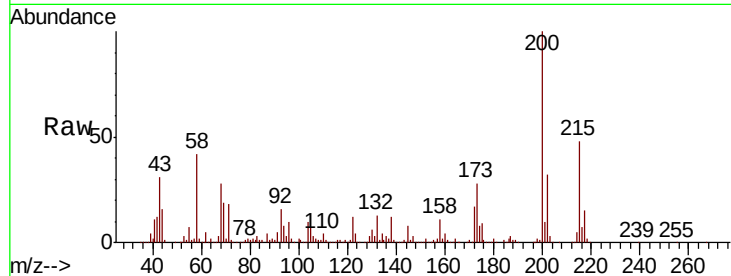
#69
Atrazine
Concen: 40.758 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.9	47.9
215	47.8	27.8	67.8

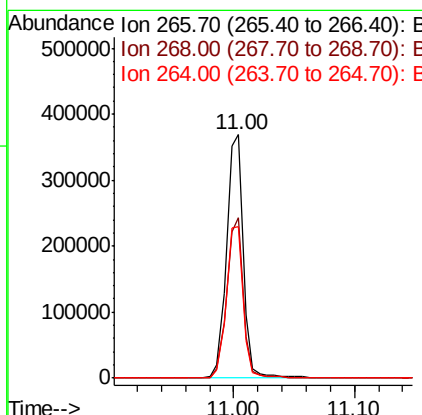
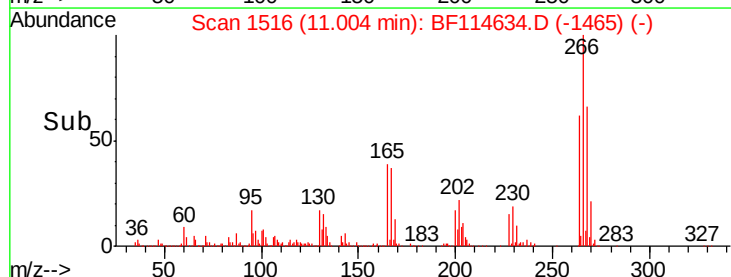
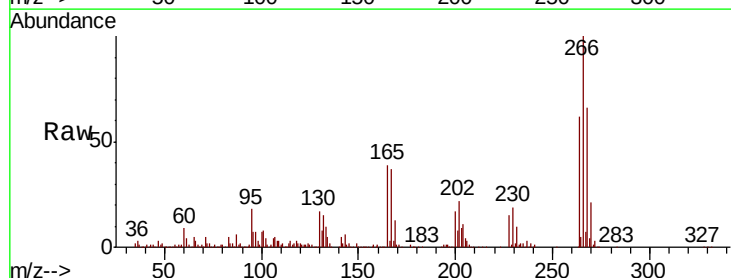
Manual Integrations
APPROVED

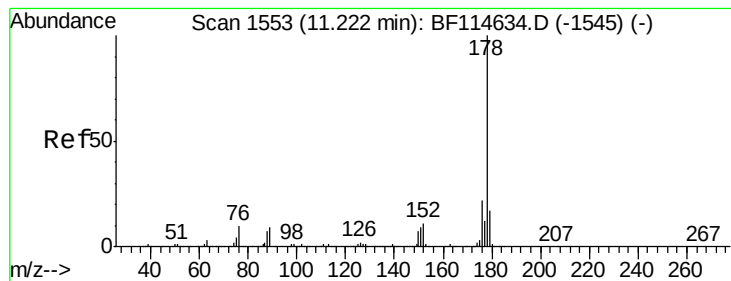
mohammad
5/30/2019 12:47:40 PM



#70
Pentachlorophenol
Concen: 48.768 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	52.8	79.2
264	62.4	49.9	74.9





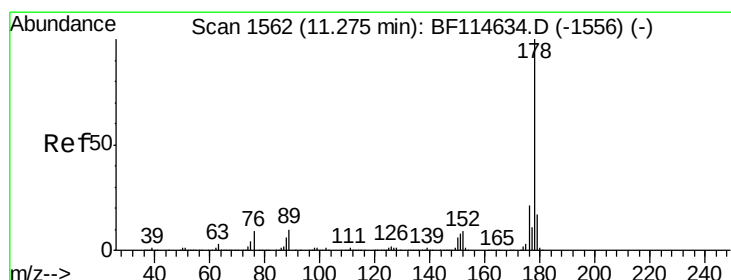
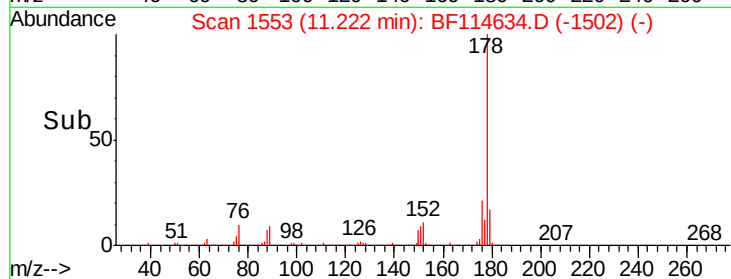
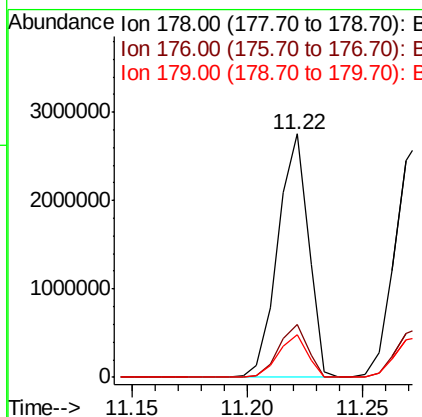
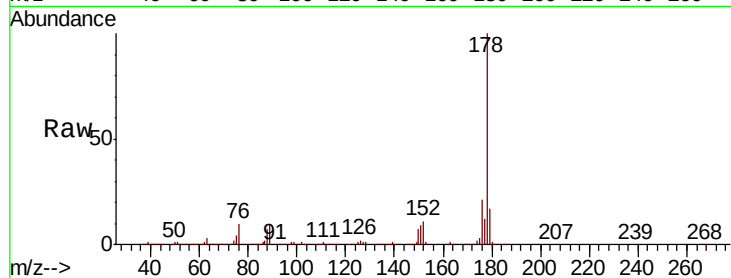
#71
Phenanthrene
Concen: 40.574 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:178 Resp: 2514581
Ion Ratio Lower Upper
178 100
176 21.5 17.2 25.8
179 17.4 13.9 20.9

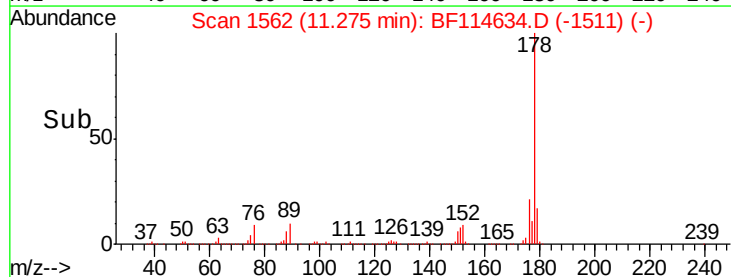
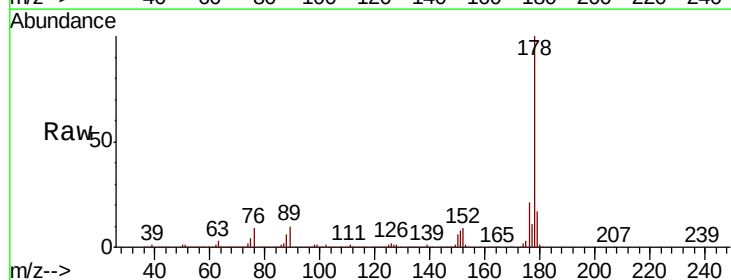
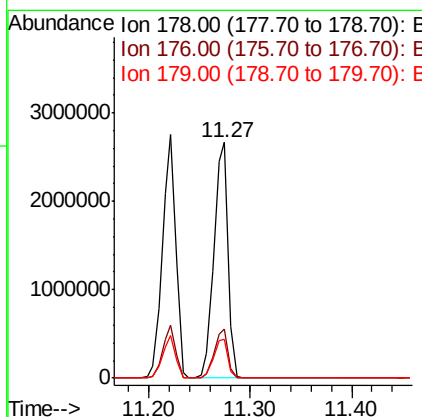
Manual Integrations
APPROVED

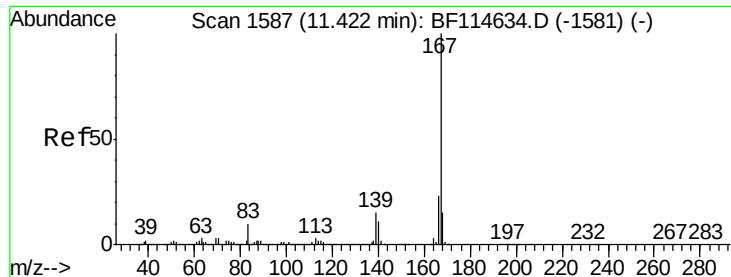
mohammad
5/30/2019 12:47:40 PM



#72
Anthracene
Concen: 41.244 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion:178 Resp: 2567330
Ion Ratio Lower Upper
178 100
176 20.7 16.6 24.8
179 16.7 13.4 20.0





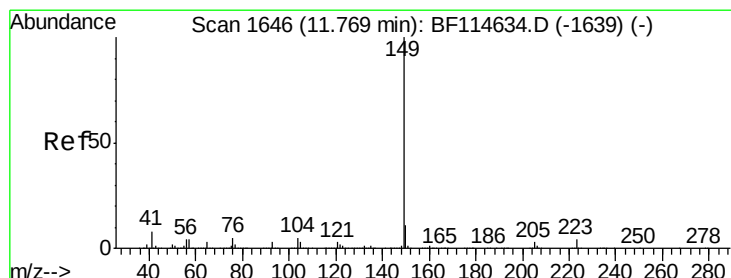
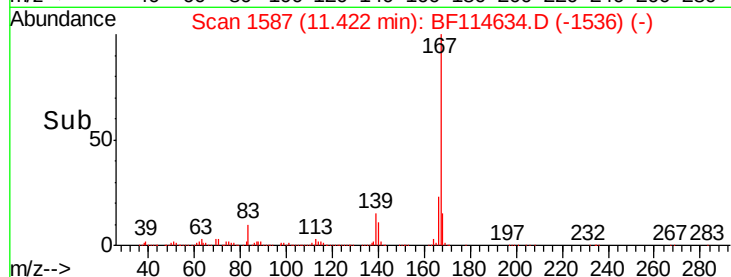
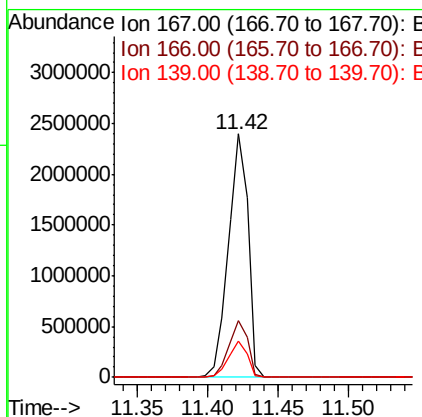
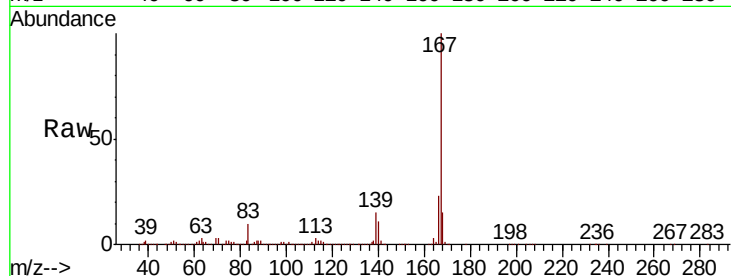
#73
 Carbazole
 Concen: 38.962 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF114634.D
 Acq: 29 May 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.7	28.1
139	14.8	11.8	17.8

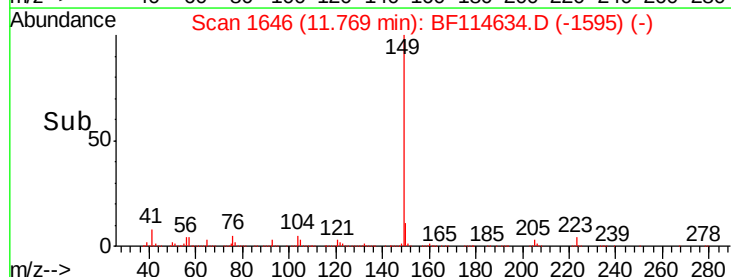
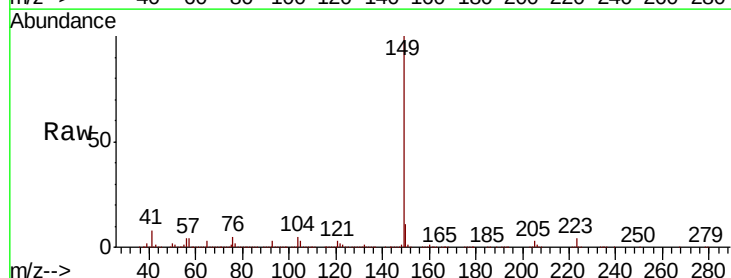
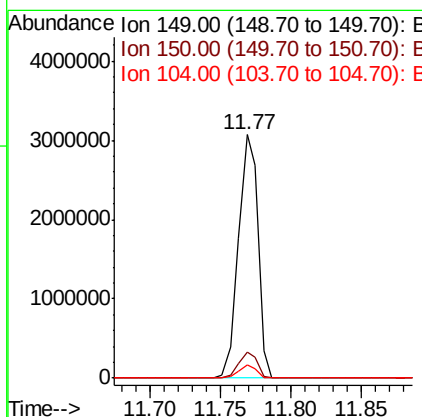
Manual Integrations
 APPROVED

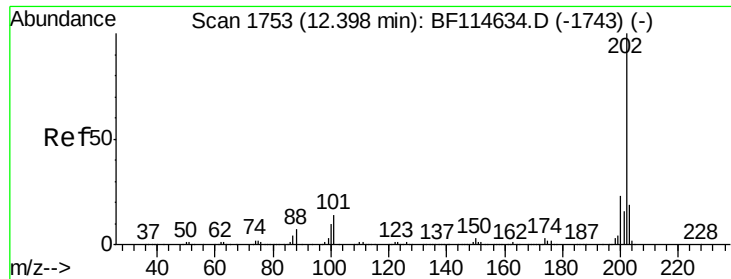
mohammad
 5/30/2019 12:47:40 PM



#74
 Di-n-butylphthalate
 Concen: 43.037 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114634.D
 Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.6	12.8
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 39.411 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Instrument :

BNA_F

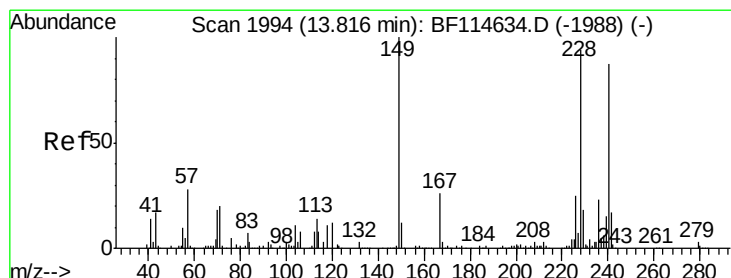
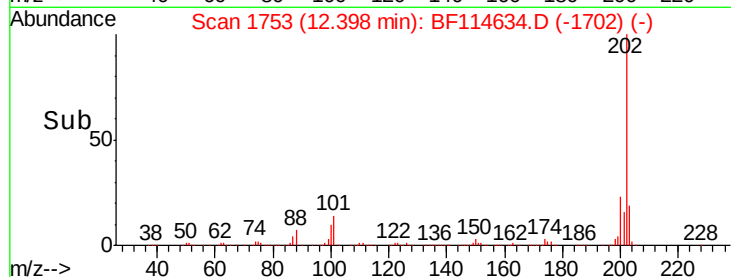
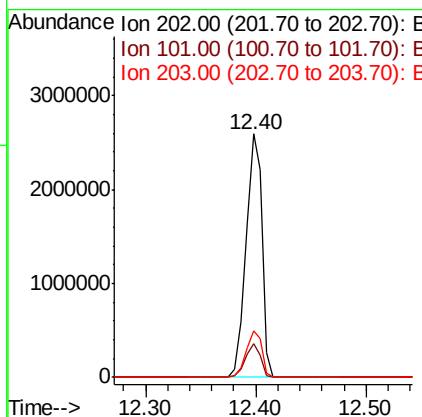
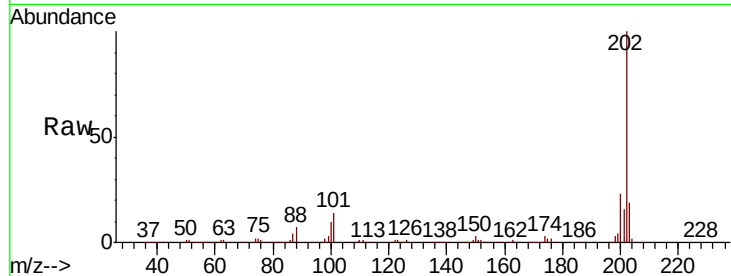
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.9
203	19.1	0.0	39.1

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM



#76

Chrysene-d12

Concen: 20.000 ng

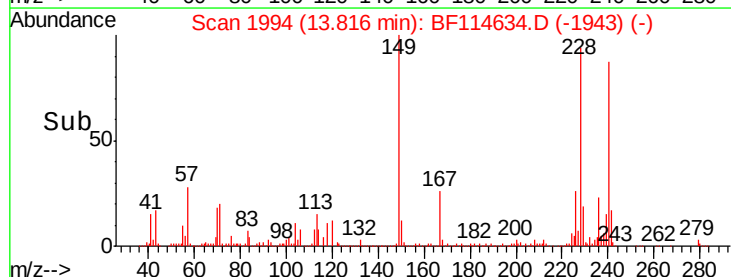
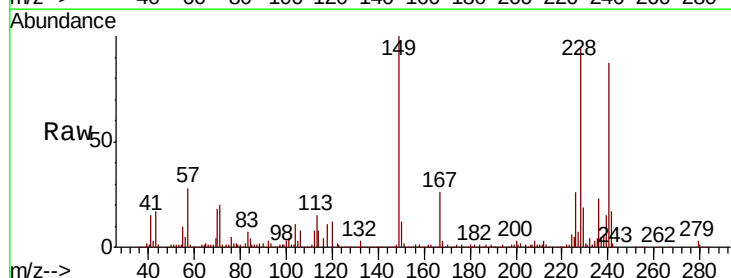
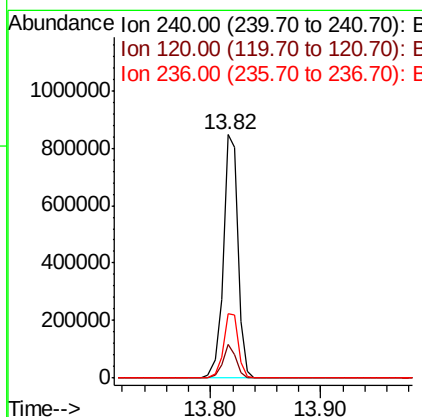
RT: 13.82 min Scan# 1994

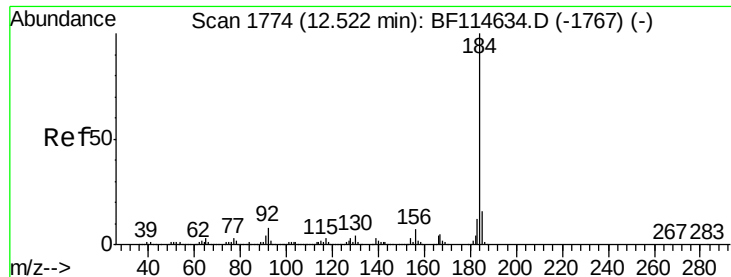
Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	11.2	16.8
236	26.5	21.2	31.8





#77

Benzidine

Concen: 38.827 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 1372597

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

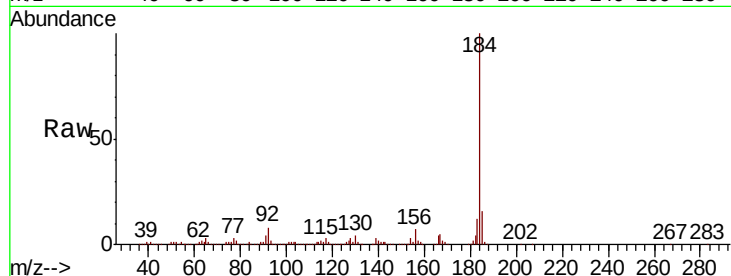
183 11.8 9.4 14.2

Manual Integrations

APPROVED

mohammad

5/30/2019 12:47:40 PM

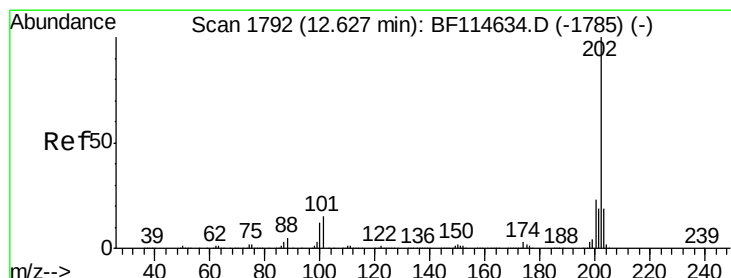
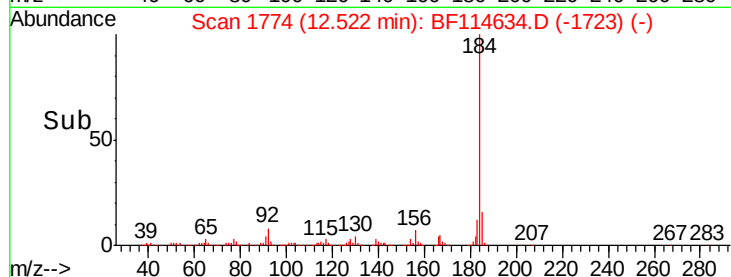
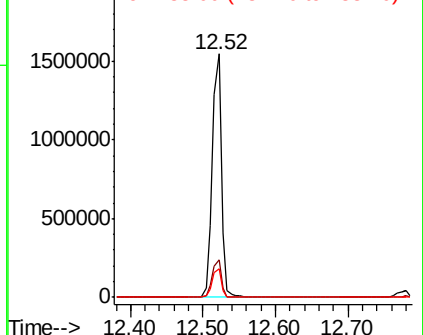


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.507 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

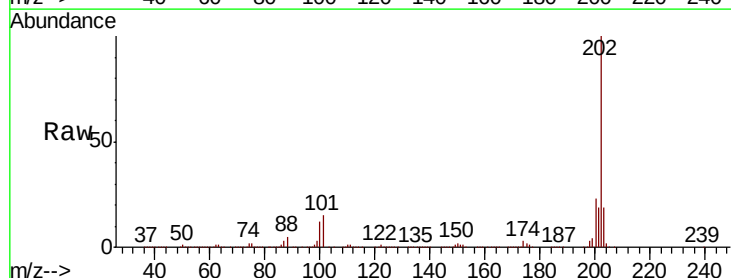
Tgt Ion:202 Resp: 2629651

Ion Ratio Lower Upper

202 100

200 23.3 18.6 28.0

203 19.3 15.4 23.2

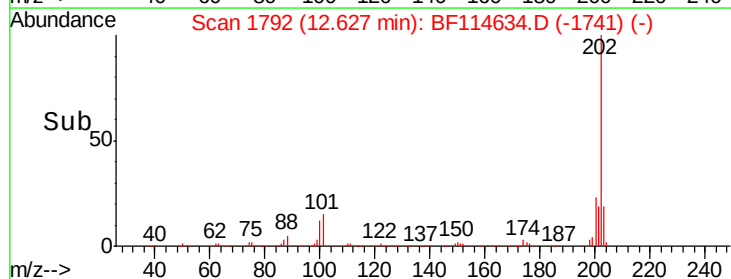
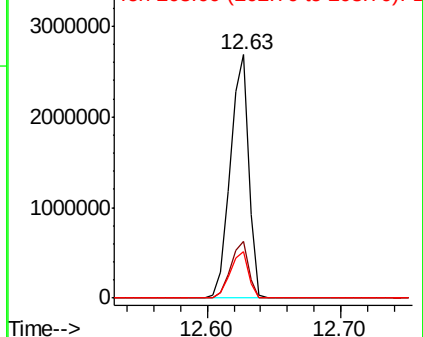


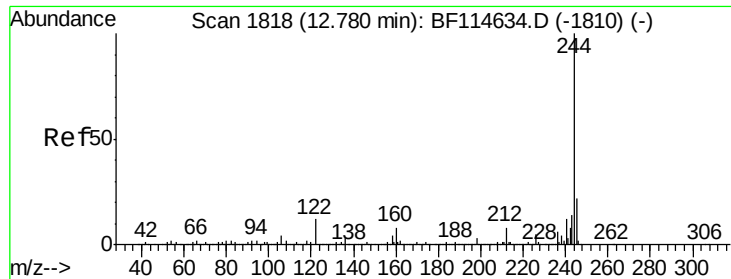
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.559 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:244 Resp: 3268670

Ion Ratio Lower Upper

244 100

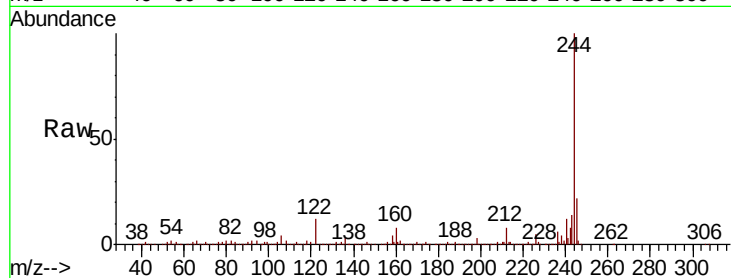
212 7.6 6.1 9.1

122 12.3 9.8 14.8

Manual Integrations
APPROVED

mohammad

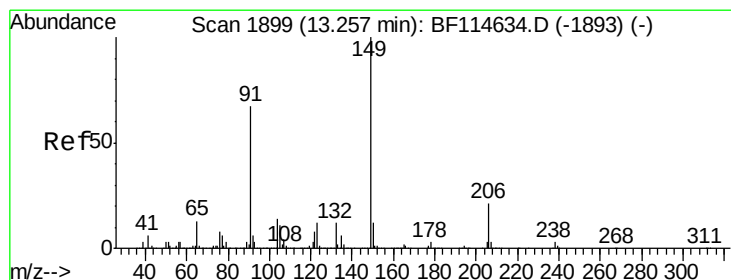
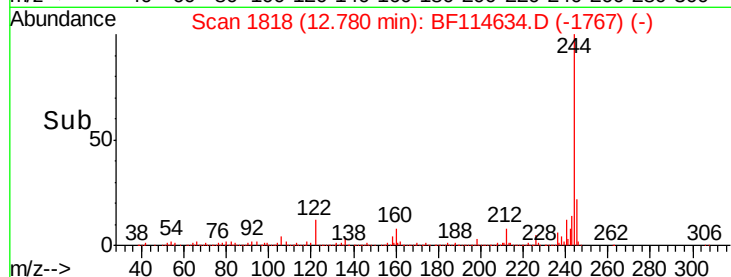
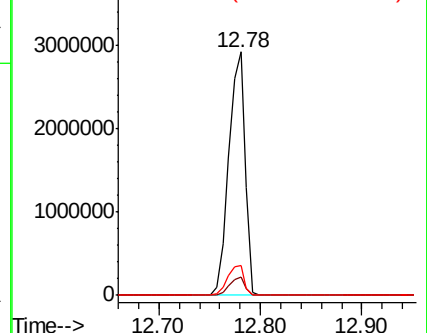
5/30/2019 12:47:40 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.265 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

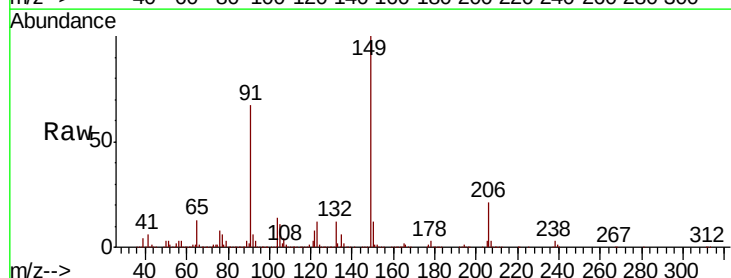
Tgt Ion:149 Resp: 1313706

Ion Ratio Lower Upper

149 100

91 67.3 53.8 80.8

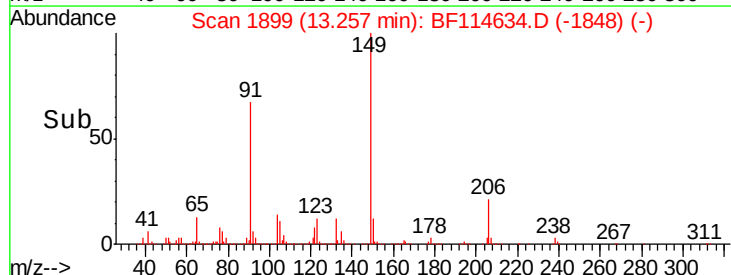
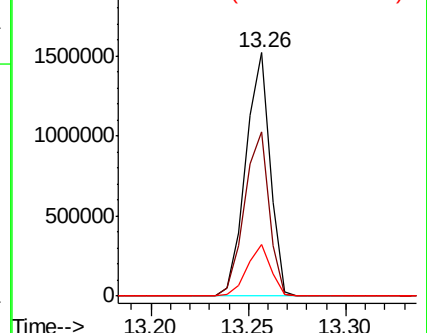
206 21.1 16.9 25.3

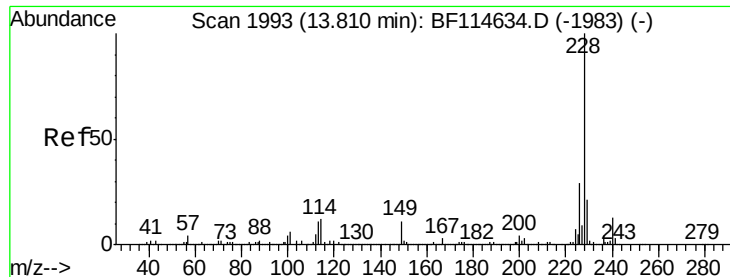


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.961 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 2443055

Ion Ratio Lower Upper

228 100

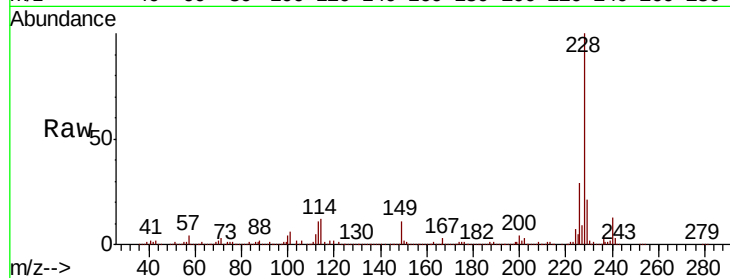
226 28.8 23.0 34.6

229 21.2 17.0 25.4

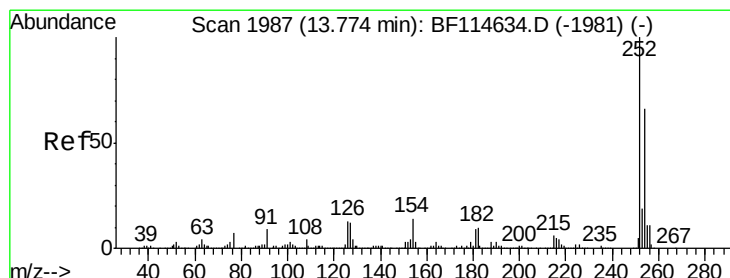
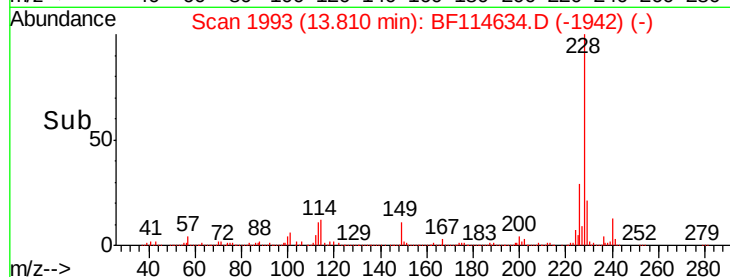
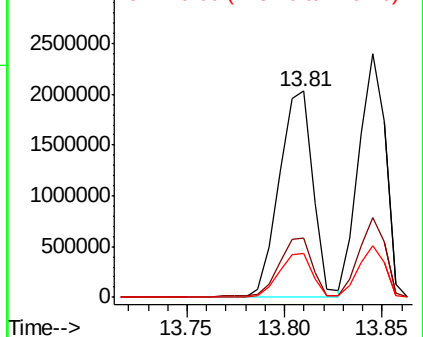
Manual Integrations
APPROVED

mohammad

5/30/2019 12:47:40 PM



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: 47.563 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF114634.D

Acq: 29 May 2019 15:16

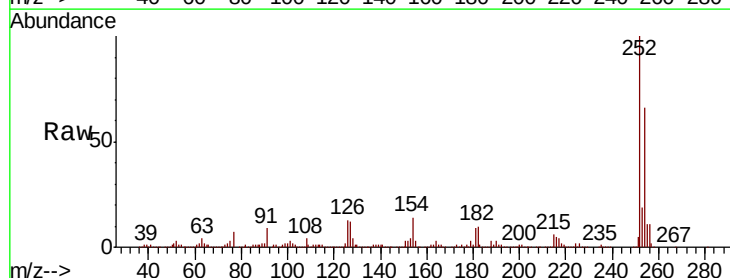
Tgt Ion:252 Resp: 939865

Ion Ratio Lower Upper

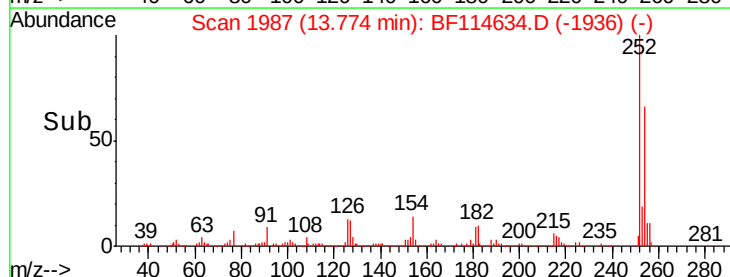
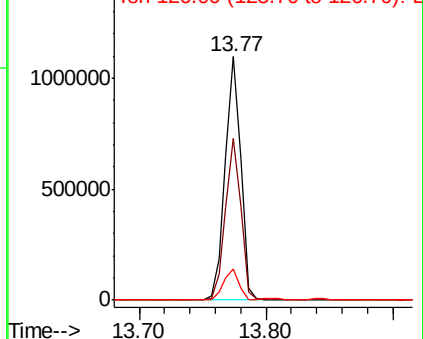
252 100

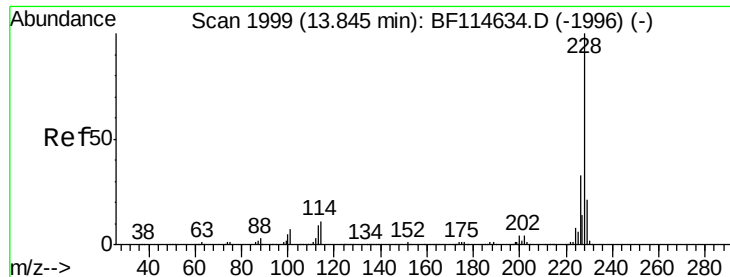
254 66.4 53.1 79.7

126 12.7 10.2 15.2



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





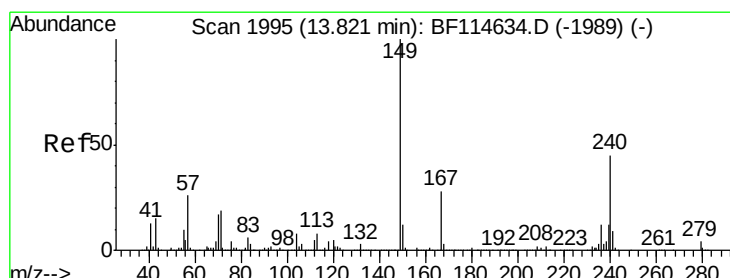
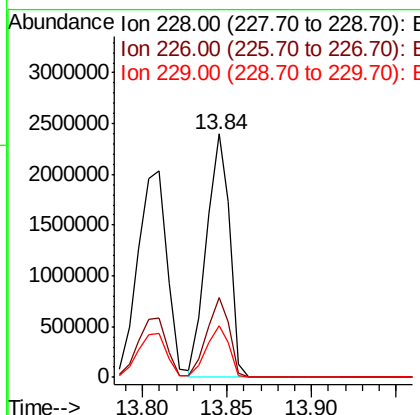
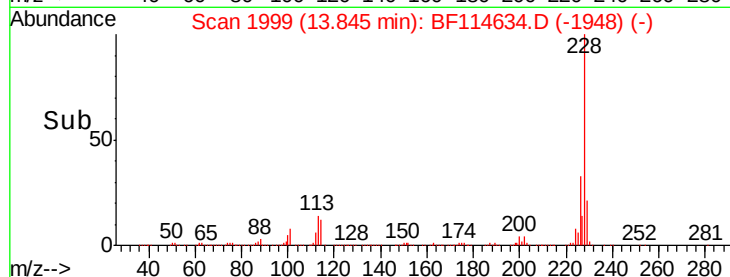
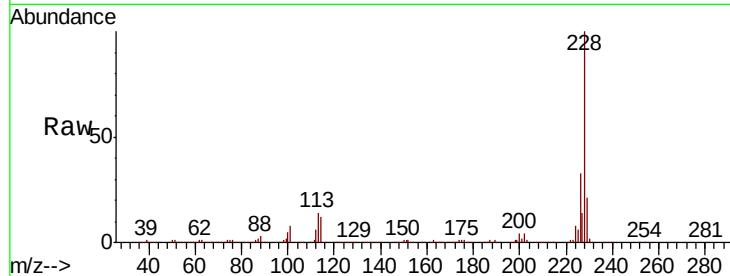
#83
Chrysene
Concen: 45.771 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:228 Resp: 2285493
Ion Ratio Lower Upper
228 100
226 33.0 26.4 39.6
229 21.4 17.1 25.7

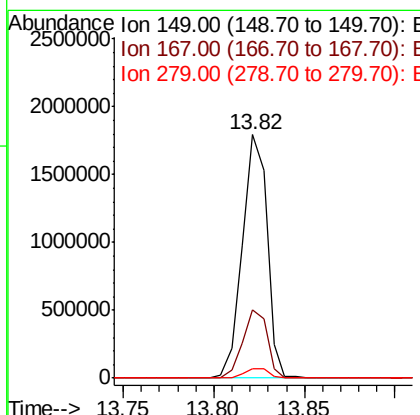
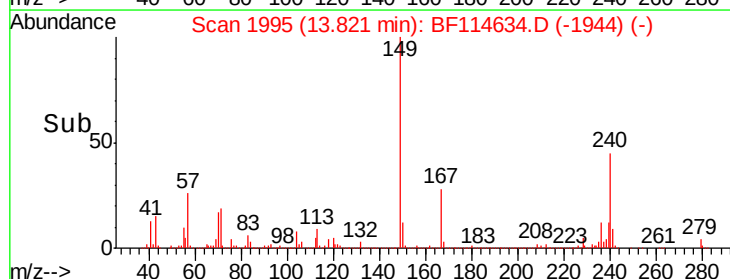
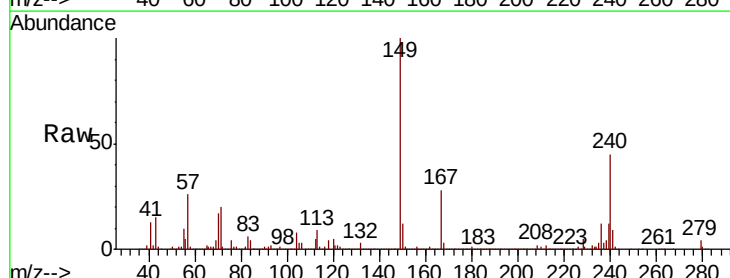
Manual Integrations
APPROVED

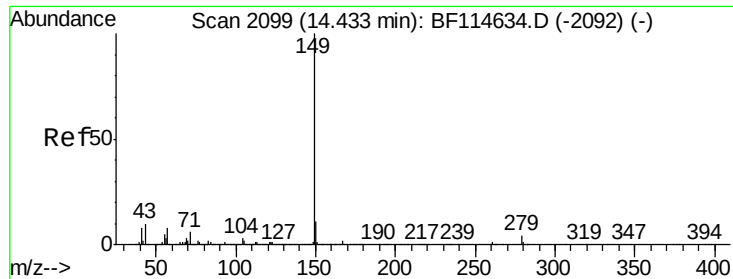
mohammad
5/30/2019 12:47:40 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.938 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion:149 Resp: 1706785
Ion Ratio Lower Upper
149 100
167 28.2 22.6 33.8
279 3.7 3.0 4.4





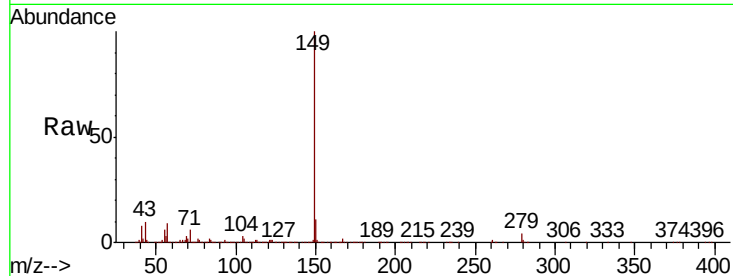
#85
Di-n-octyl phthalate
Concen: 51.908 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

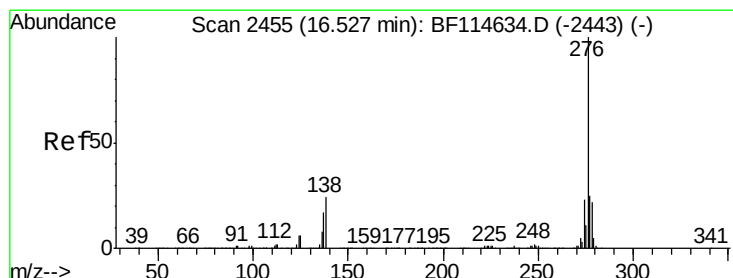
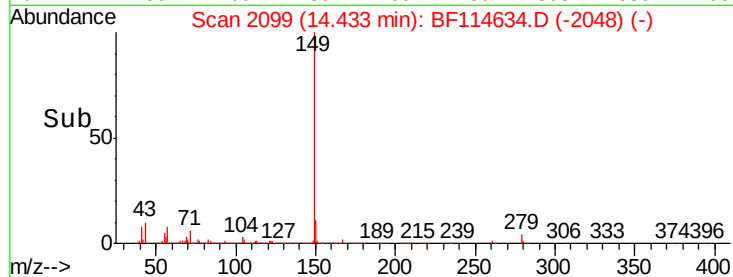
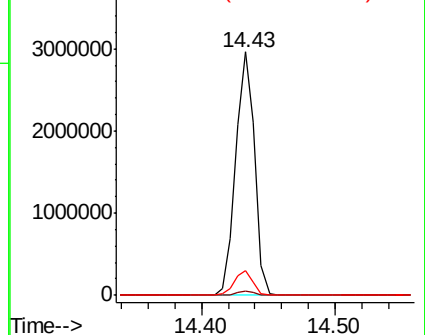
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.0	8.0	12.0

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM

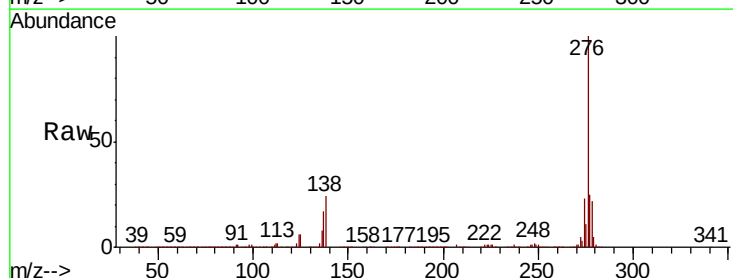


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

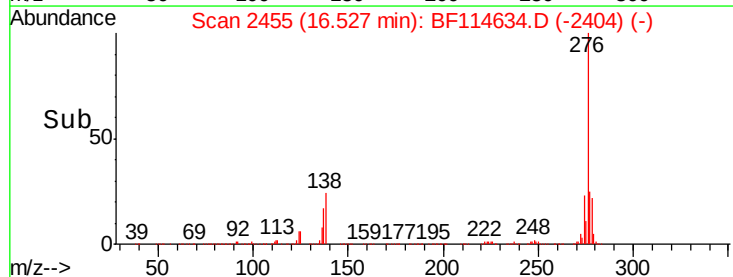
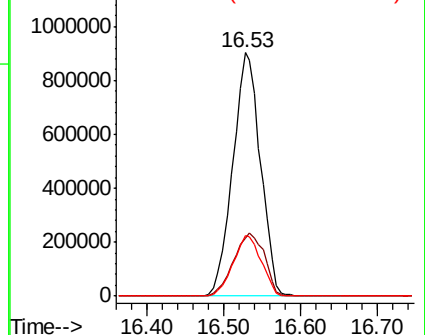


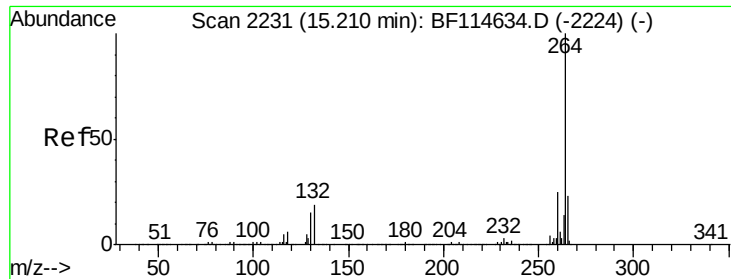
#86
Indeno(1,2,3-cd)pyrene
Concen: 51.276 ng
RT: 16.53 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.0	34.6
277	25.6	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





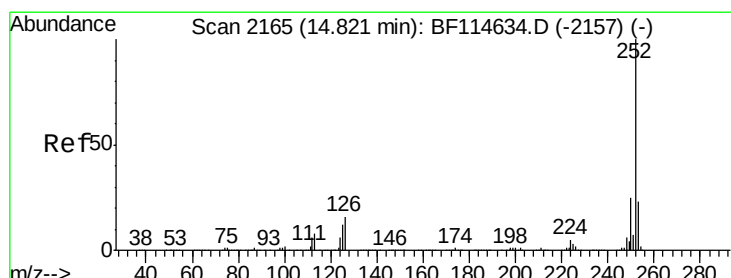
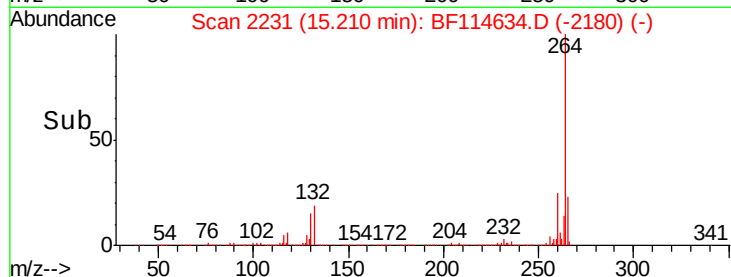
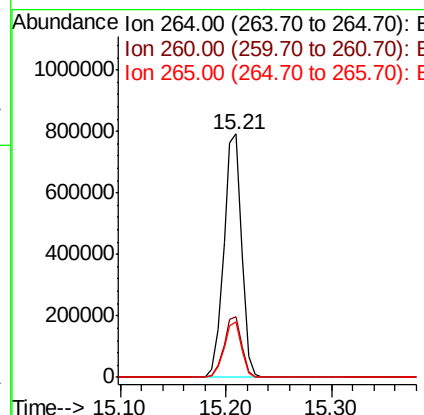
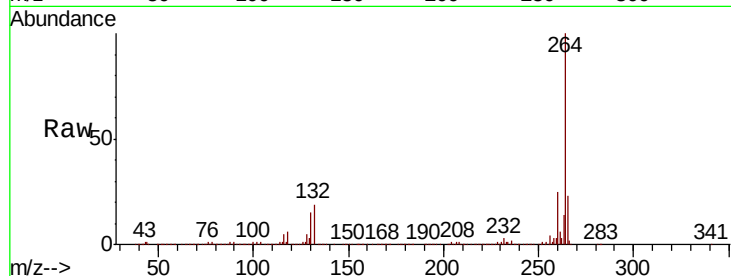
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.6	18.1	27.1

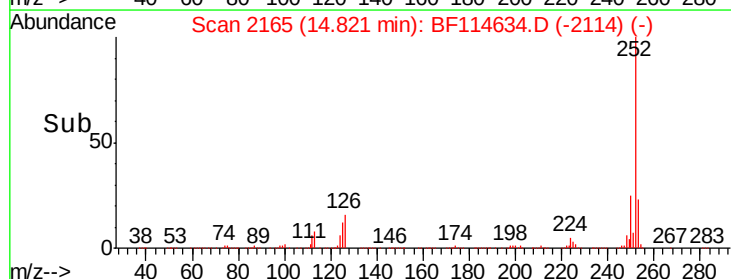
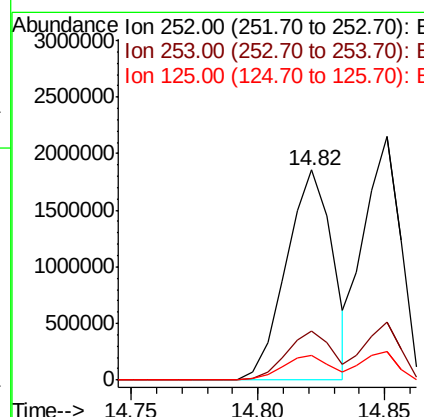
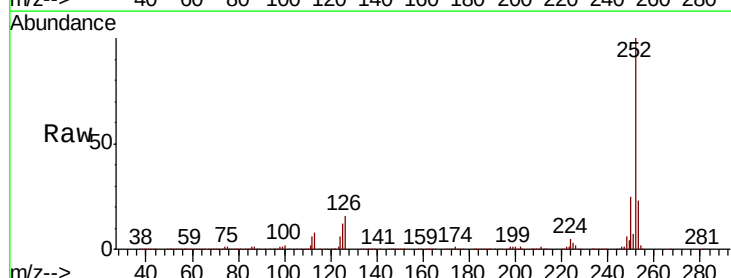
Manual Integrations
APPROVED

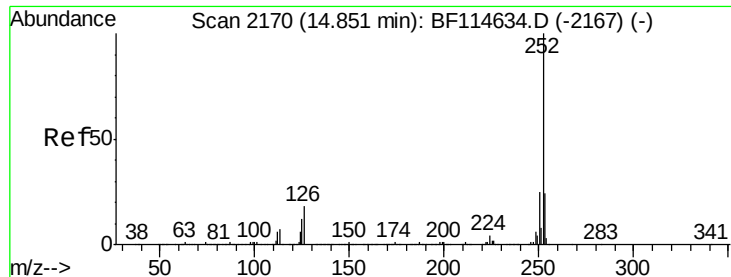
mohammad
5/30/2019 12:47:40 PM



#88
Benzo(b)fluoranthene
Concen: 39.312 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	11.8	9.4	14.2





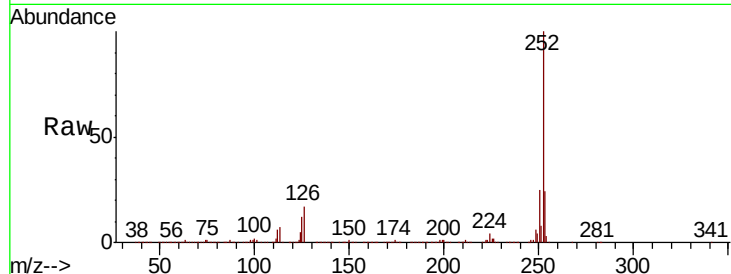
#89
Benzo(k)fluoranthene
Concen: 39.627 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	11.9	9.5	14.3

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM

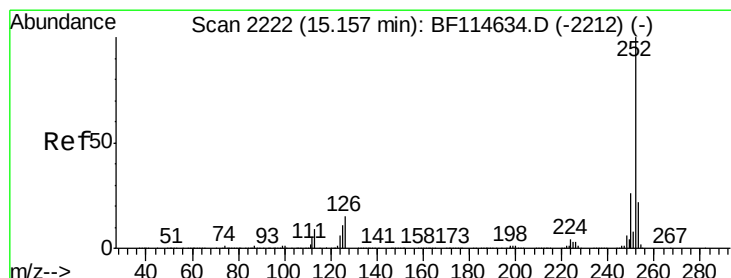
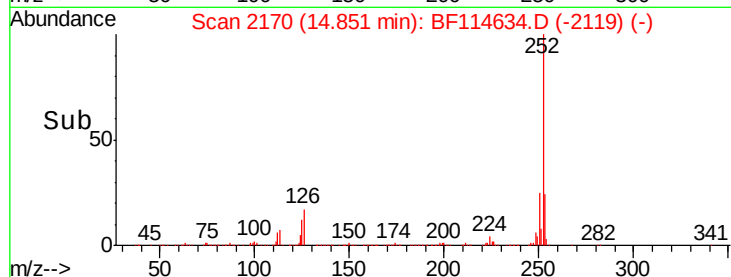
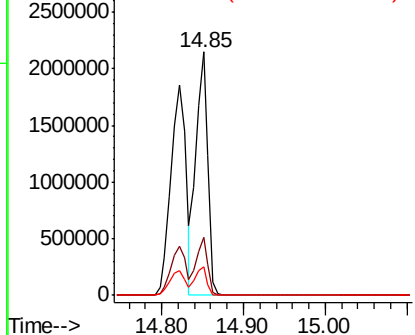


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 40.468 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

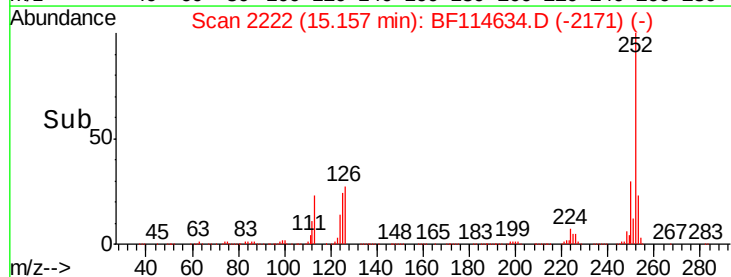
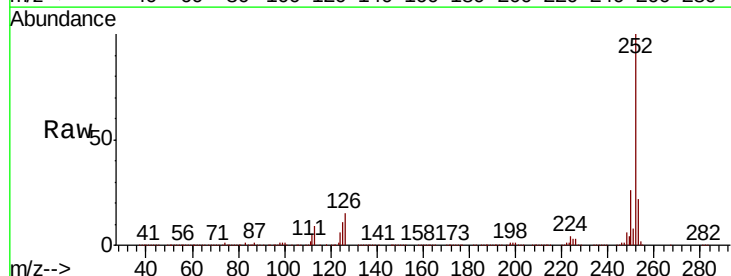
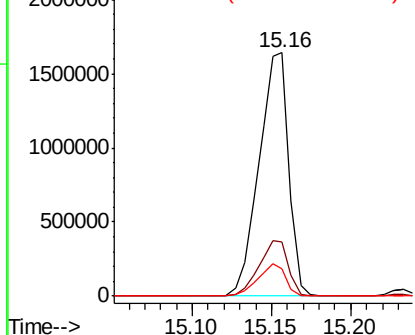
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.5	9.2	13.8

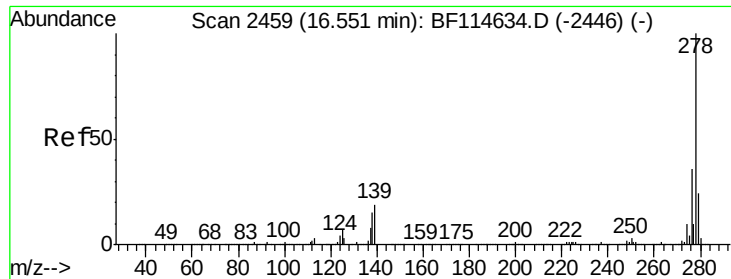
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





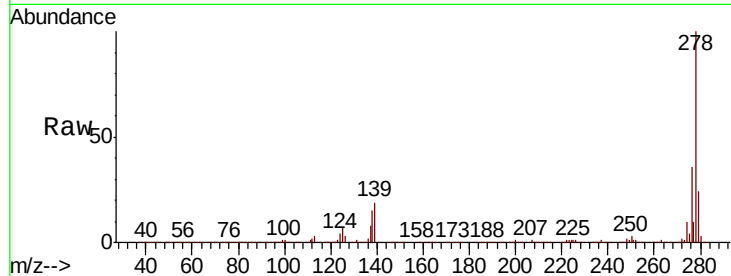
#91
Dibenzo(a,h)anthracene
Concen: 42.850 ng
RT: 16.55 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.9	22.3
279	24.4	19.5	29.3

Manual Integrations
APPROVED

mohammad
5/30/2019 12:47:40 PM

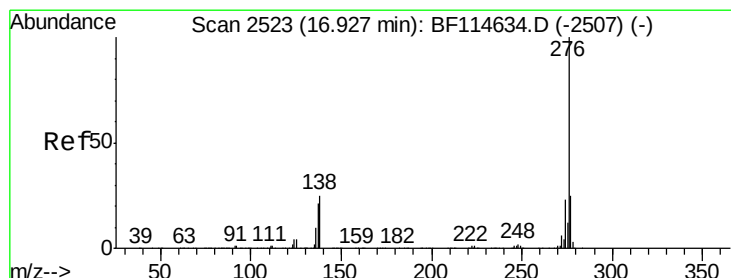
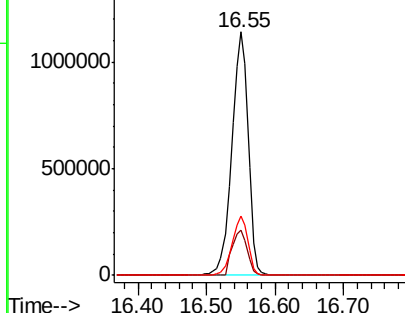
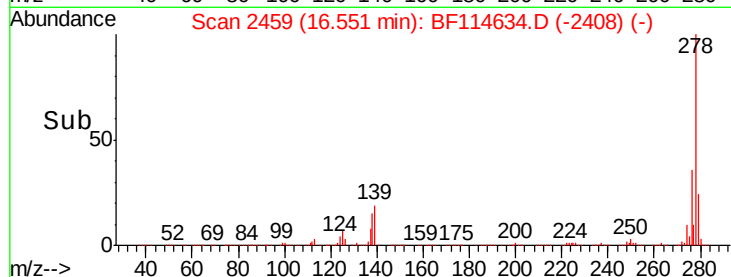


Abundance

Ion 278.00 (277.70 to 278.70): E

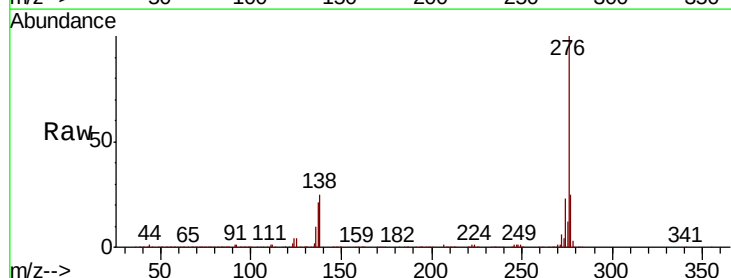
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.564 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BF114634.D
Acq: 29 May 2019 15:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	24.8	19.8	29.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

