

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116380.D
 Acq On : 19 Aug 2019 9:24
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad

8/22/2019 12:44:54 PM

Quant Time: Aug 19 16:28:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	112865	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	467477	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	254396	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	444809	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	337070	20.00	ng	-0.01
87) Perylene-d12	15.42	264	352468	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	579602	85.97	ng	-0.01
7) Phenol-d6	6.45	99	714596	84.01	ng	-0.01
23) Nitrobenzene-d5	7.37	82	655847	80.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	203419	82.47	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1163473	85.66	ng	-0.01
79) Terphenyl-d14	12.90	244	1337677	83.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	136250	40.003	ng	99
3) Pyridine	3.28	79	355724	37.388	ng	99
4) n-Nitrosodimethylamine	3.24	42	137956	36.742	ng	94
6) Aniline	6.47	93	479695	39.378	ng	# 88
8) 2-Chlorophenol	6.60	128	324066	43.468	ng	98
9) Benzaldehyde	6.36	77	210580	35.879	ng	98
10) Phenol	6.46	94	417749	41.704	ng	92
11) bis(2-Chloroethyl)ether	6.54	93	312989	42.499	ng	98
12) 1,3-Dichlorobenzene	6.75	146	361458	41.952	ng	98
13) 1,4-Dichlorobenzene	6.82	146	366207	42.449	ng	99
14) 1,2-Dichlorobenzene	6.97	146	339749	42.770	ng	98
15) Benzyl Alcohol	6.96	79	261248	40.470	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	420278	41.839	ng	80
17) 2-Methylphenol	7.07	107	265557	42.067	ng	97
18) Hexachloroethane	7.31	117	135407	42.631	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	230341	43.699	ng	98
20) 3+4-Methylphenols	7.23	107	341266	45.683	ng	# 88
22) Acetophenone	7.22	105	439583	42.876	ng	# 96
24) Nitrobenzene	7.39	77	372934	42.647	ng	100
25) Isophorone	7.63	82	660033	42.622	ng	98
26) 2-Nitrophenol	7.71	139	178640	43.338	ng	97
27) 2,4-Dimethylphenol	7.75	122	254847	41.094	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	413243	43.054	ng	99
29) 2,4-Dichlorophenol	7.96	162	279684	42.713	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	310910	41.654	ng	99
31) Naphthalene	8.11	128	953993	43.366	ng	99
32) Benzoic acid	7.91	122	145130	33.193	ng	96
33) 4-Chloroaniline	8.16	127	414547	42.176	ng	97
34) Hexachlorobutadiene	8.22	225	180033	41.875	ng	99
35) Caprolactam	8.53	113	87198m	41.174	ng	
36) 4-Chloro-3-methylphenol	8.65	107	295951	43.445	ng	99
37) 2-Methylnaphthalene	8.80	142	623893	43.063	ng	99
38) 1-Methylnaphthalene	8.90	142	597289	43.578	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	288794	42.463	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	87509	32.462	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	171924	36.726	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	176562	36.487	ng	98
46) 1,1'-Biphenyl	9.26	154	770893	42.922	ng	99
47) 2-Chloronaphthalene	9.29	162	621436	41.572	ng	99
48) 2-Nitroaniline	9.39	65	200967	40.674	ng	99
49) Acenaphthylene	9.70	152	917114	42.054	ng	99
50) Dimethylphthalate	9.56	163	729701	42.127	ng	99
51) 2,6-Dinitrotoluene	9.63	165	160502	42.638	ng	# 84
52) Acenaphthene	9.87	154	566380	42.334	ng	99
53) 3-Nitroaniline	9.80	138	188298	40.484	ng	98
54) 2,4-Dinitrophenol	9.93	184	51790	32.221	ng	97
55) Dibenzofuran	10.05	168	795338	40.878	ng	99
56) 4-Nitrophenol	9.99	139	116161	38.986	ng	93
57) 2,4-Dinitrotoluene	10.04	165	199271	39.760	ng	# 85
58) Fluorene	10.39	166	661925	44.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	143878	35.341	ng	94
60) Diethylphthalate	10.26	149	709704	43.885	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	337256	44.486	ng	99
62) 4-Nitroaniline	10.42	138	177857	37.001	ng	99
63) Azobenzene	10.53	77	726008	43.647	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	96534	40.953	ng	87
66) n-Nitrosodiphenylamine	10.50	169	584625	43.667	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	206229	43.310	ng	100
68) Hexachlorobenzene	10.94	284	234784	42.641	ng	98
69) Atrazine	11.02	200	147608	33.513	ng	98
70) Pentachlorophenol	11.15	266	96745	36.191	ng	99
71) Phenanthrene	11.35	178	982543	43.208	ng	100
72) Anthracene	11.40	178	1003371	43.599	ng	99
73) Carbazole	11.56	167	908477	43.512	ng	100
74) Di-n-butylphthalate	11.87	149	1137266	46.693	ng	99
75) Fluoranthene	12.54	202	1027005	43.140	ng	99
77) Benzidine	12.66	184	447598	39.306	ng	99
78) Pyrene	12.77	202	1041246	40.980	ng	98
80) Butylbenzylphthalate	13.37	149	482387	44.881	ng	94
81) Benzo(a)anthracene	13.96	228	918768	42.646	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	327774	43.791	ng	99
83) Chrysene	14.00	228	894762	42.778	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	676570	48.441	ng	98
85) Di-n-octyl phthalate	14.53	149	1070472	48.253	ng	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	781043	44.460	ng	100
88) Benzo(b)fluoranthene	15.00	252	845416	41.482	ng	99
89) Benzo(k)fluoranthene	15.03	252	792031	39.900	ng	98
90) Benzo(a)pyrene	15.36	252	747321	41.020	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	644331	40.858	ng	98
92) Benzo(g,h,i)perylene	17.32	276	605539	39.099	ng	98

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

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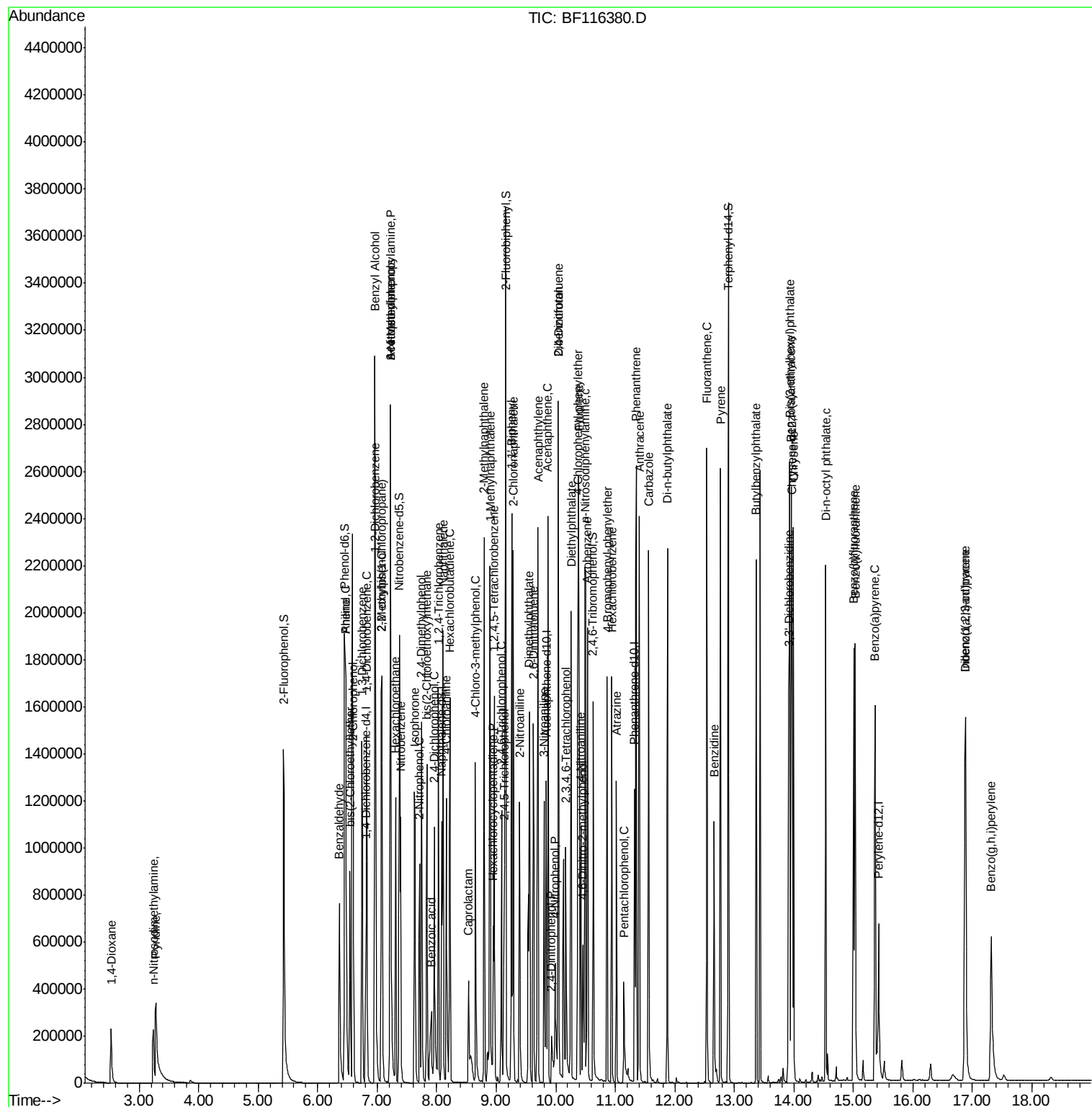
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

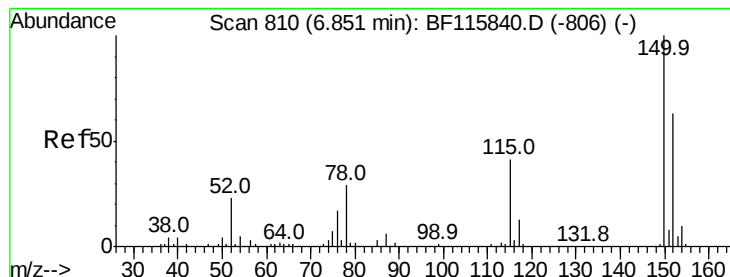
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

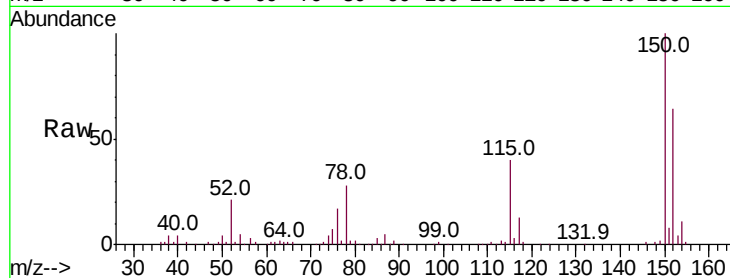
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	62.6	49.9	74.9

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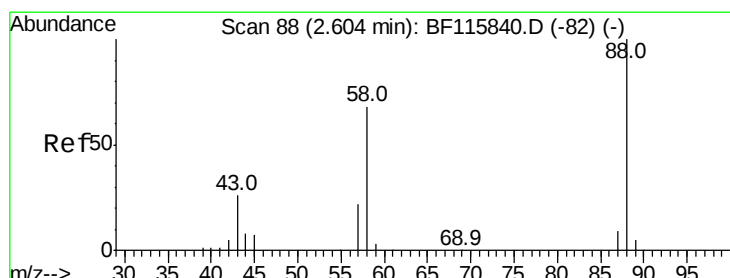
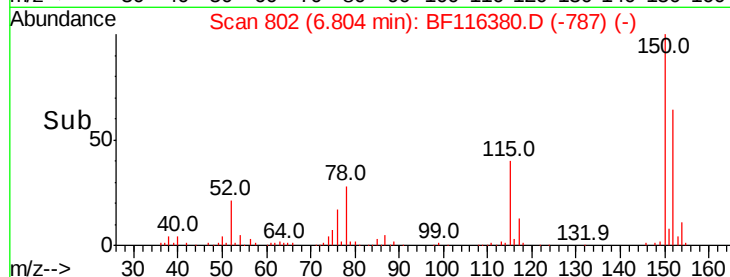
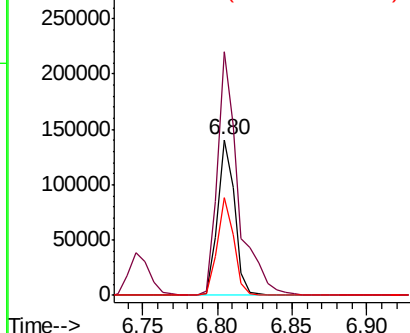


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 40.003 ng
 RT: 2.53 min Scan# 75
 Delta R.T. -0.02 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

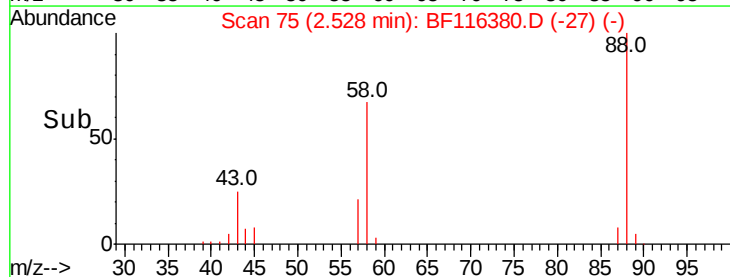
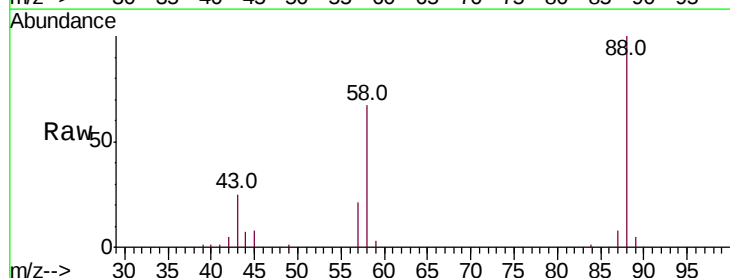
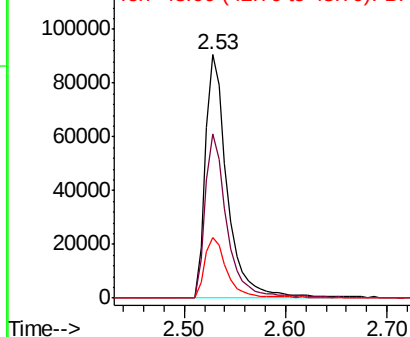
Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	53.7	80.5
43	25.3	21.0	31.4

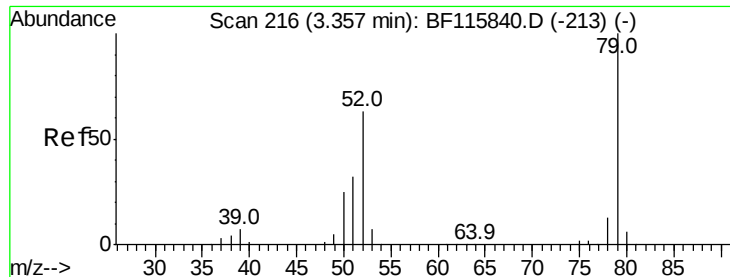
Abundance

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: 37.388 ng

RT: 3.28 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 355724

Ion Ratio Lower Upper

79 100

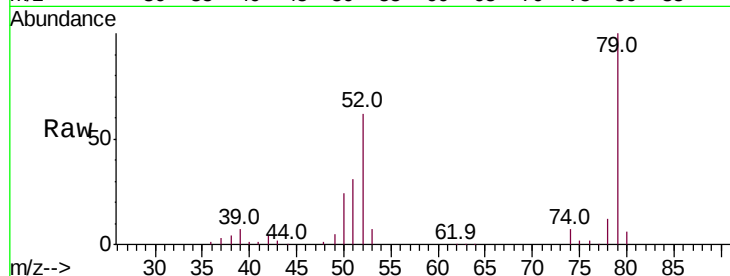
52 61.5 49.8 74.8

51 30.8 25.2 37.8

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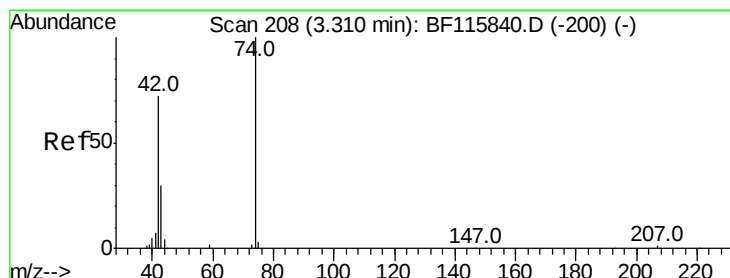
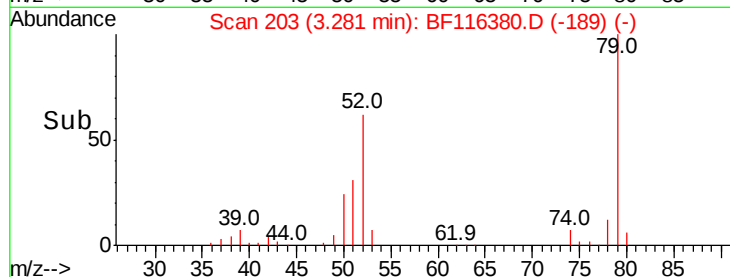
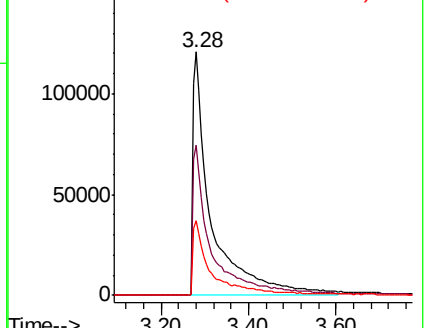
8/22/2019 12:44:54 PM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.742 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.02 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

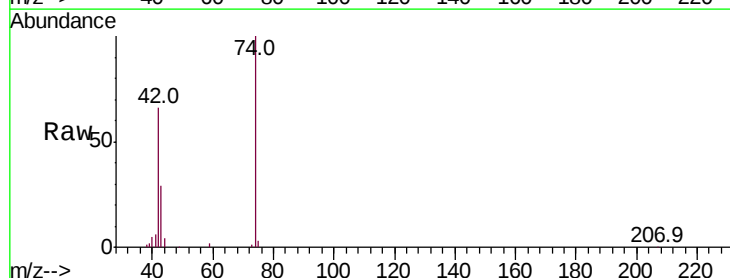
Tgt Ion: 42 Resp: 137956

Ion Ratio Lower Upper

42 100

74 152.2 116.0 174.0

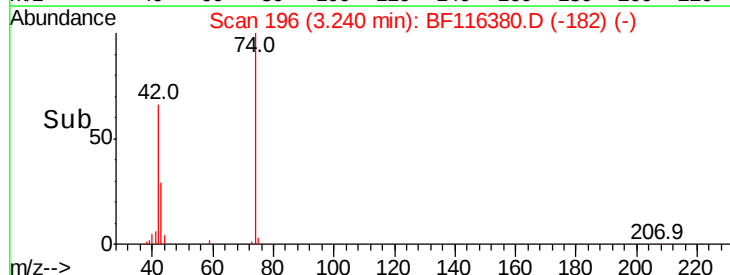
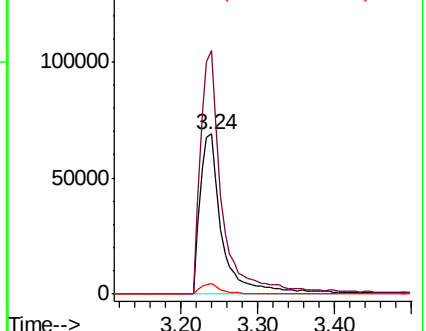
44 6.7 4.6 7.0

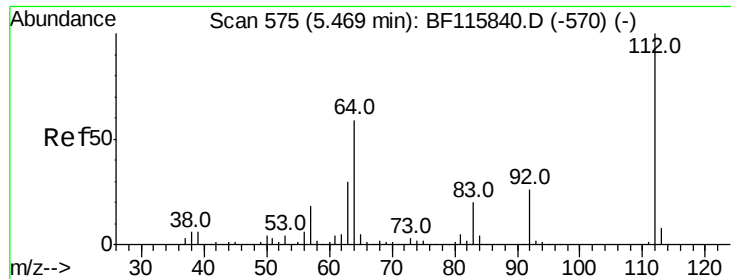


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5
2-Fluorophenol
Concen: 85.969 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

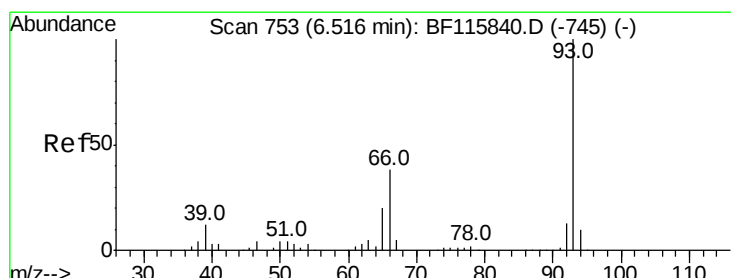
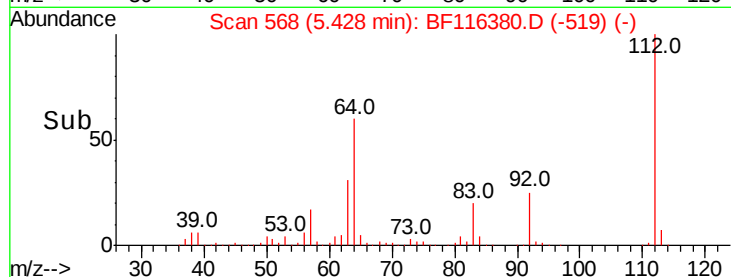
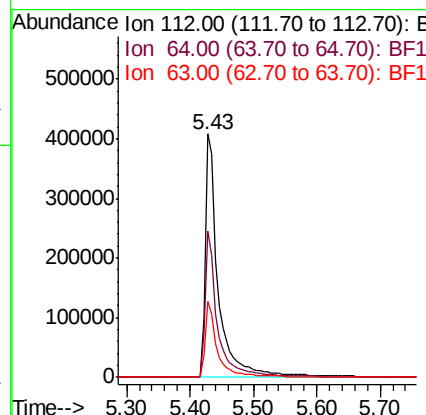
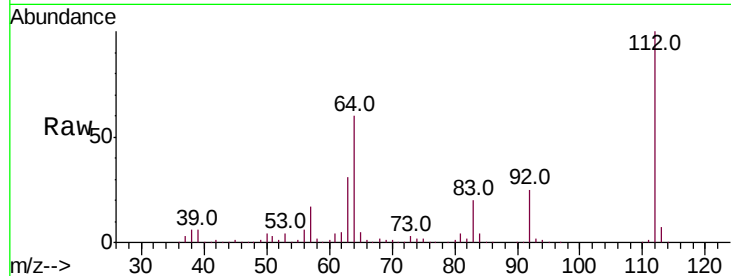
Instrument :
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Tot Ion:	112	Resp:	579602
Ion Ratio	Lower	Upper	
112	100		
64	60.0	45.4	68.2
63	31.4	23.7	35.5

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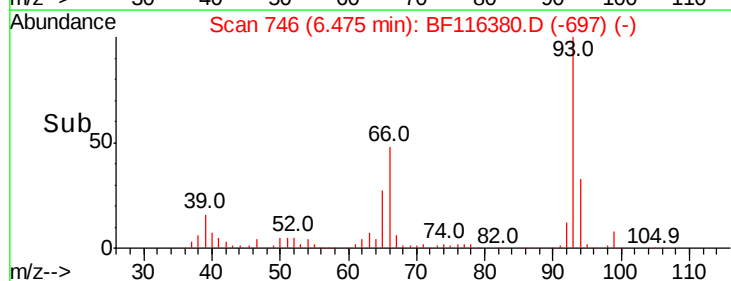
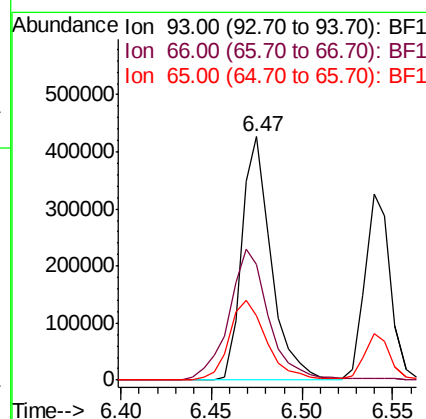
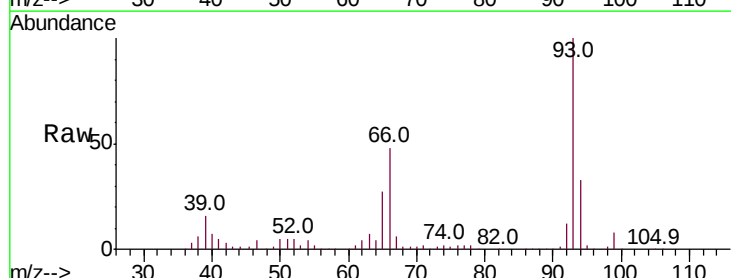
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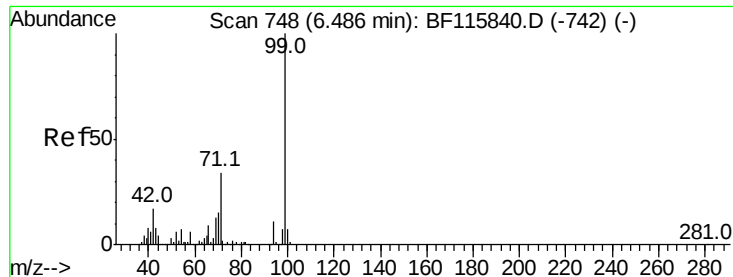
8/22/2019 12:44:54 PM



#6
Aniline
Concen: 39.378 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion:	93	Resp:	479695
Ion Ratio	Lower	Upper	
93	100		
66	47.7	32.2	48.4
65	26.6	17.0	25.6#





#7

Phenol-d6

Concen: 84.009 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 714596

Ion Ratio Lower Upper

99 100

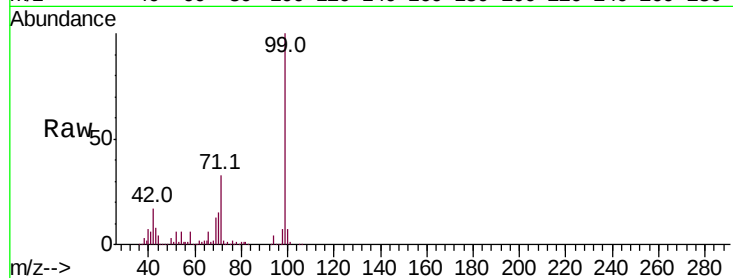
42 16.8 13.8 20.8

71 33.1 27.3 40.9

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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

800000

600000

400000

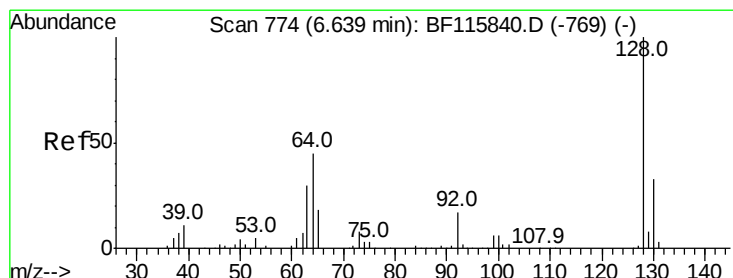
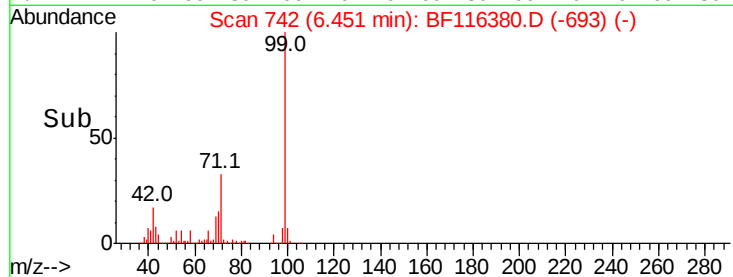
200000

0

6.40 6.50 6.60

6.45

Time-->



#8

2-Chlorophenol

Concen: 43.468 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

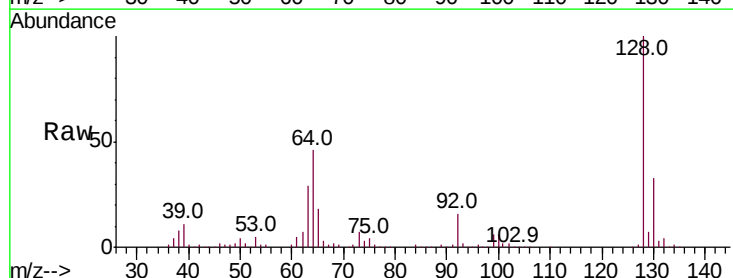
Tgt Ion: 128 Resp: 324066

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 46.0 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

400000

300000

200000

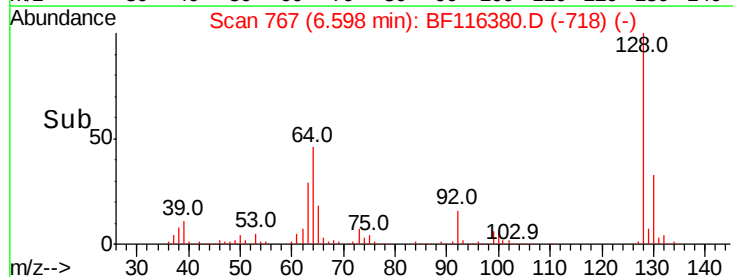
100000

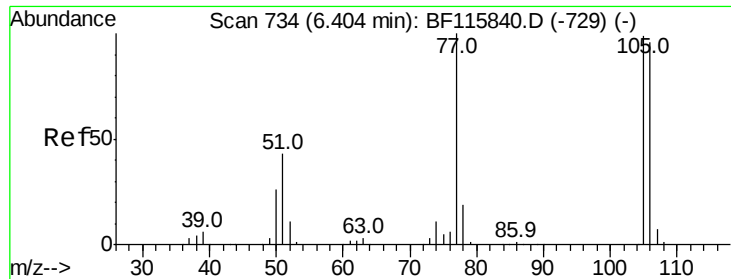
0

6.50 6.60 6.70

6.60

Time-->





#9
Benzaldehyde
Concen: 35.879 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

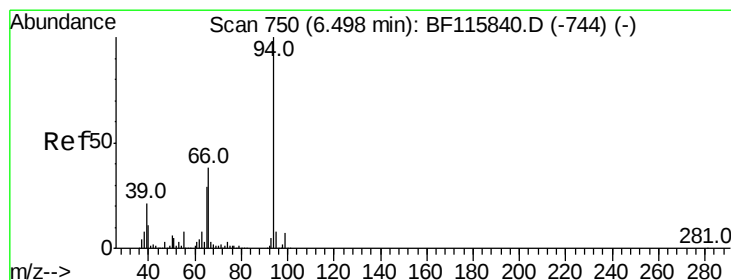
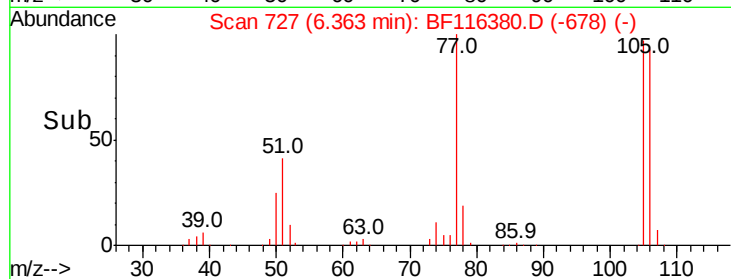
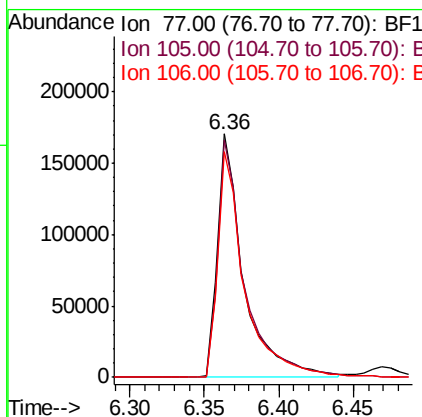
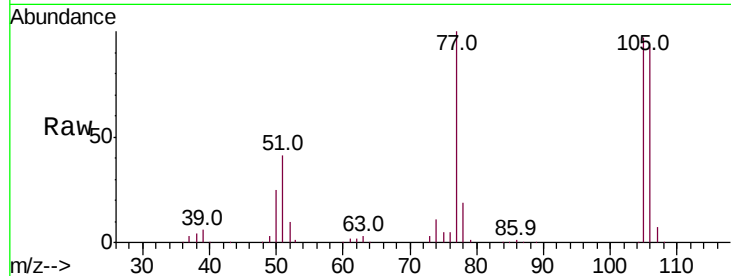
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 210580
Ion Ratio Lower Upper
77 100
105 97.3 79.2 119.2
106 92.7 74.3 114.3

Manual Integrations
APPROVED

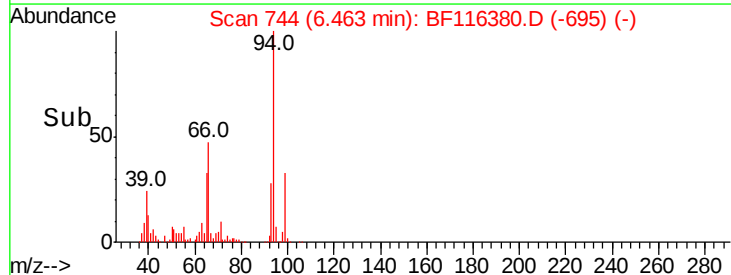
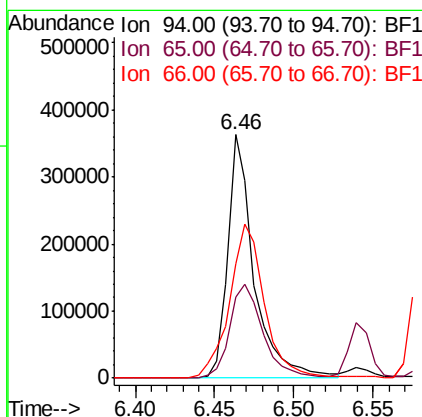
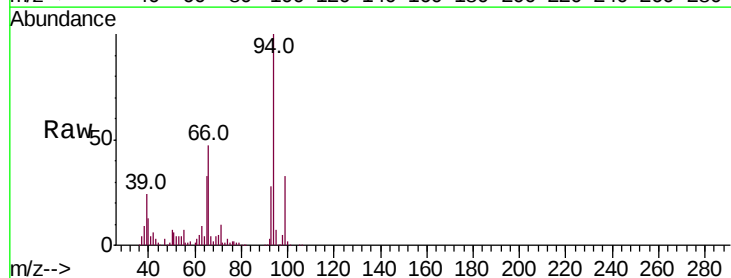
mohammad

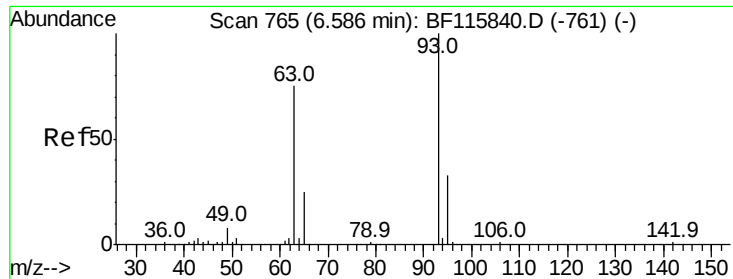
8/22/2019 12:44:54 PM



#10
Phenol
Concen: 41.704 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion: 94 Resp: 417749
Ion Ratio Lower Upper
94 100
65 33.1 16.8 56.8
66 47.1 34.2 74.2





#11
bis(2-Chloroethyl)ether
Concen: 42.499 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

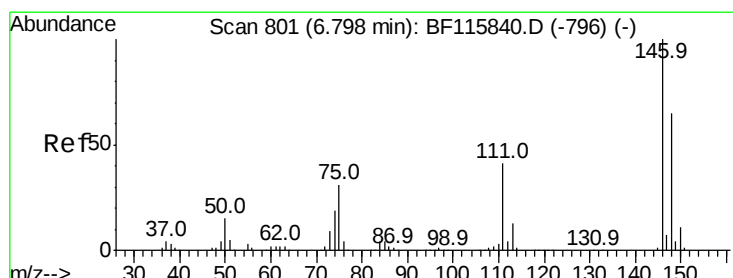
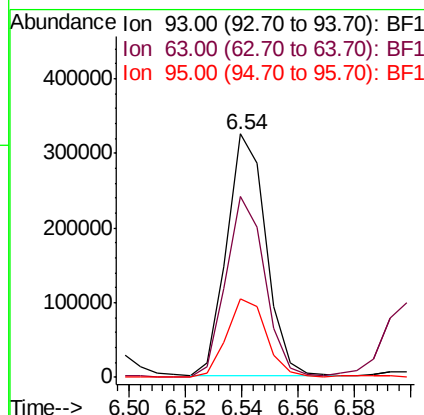
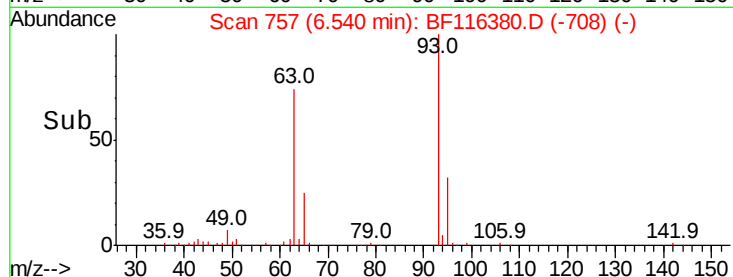
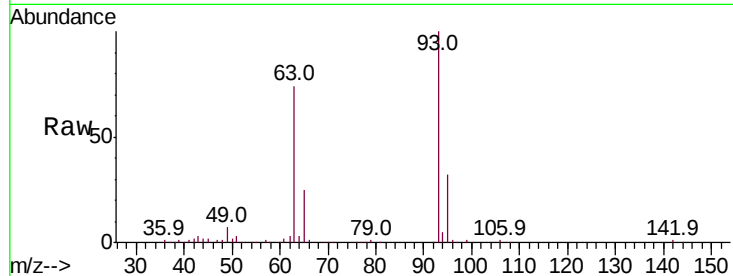
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	74.1	51.9	91.9	
95	32.2	13.0	53.0	

Manual Integrations
APPROVED

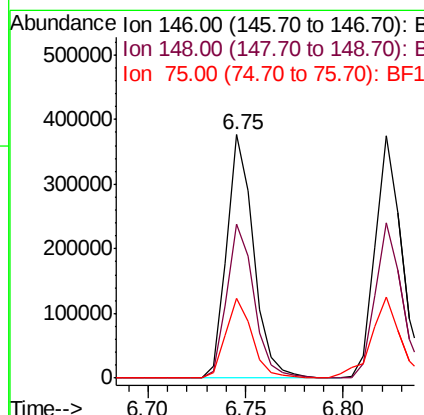
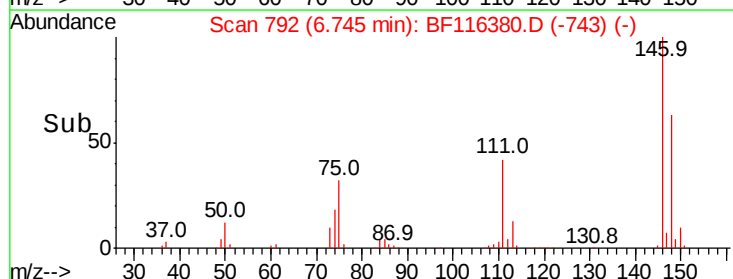
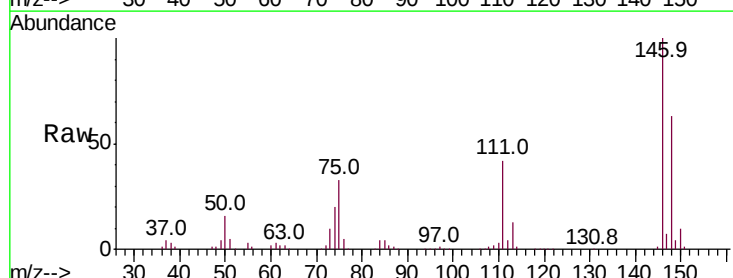
mohammad

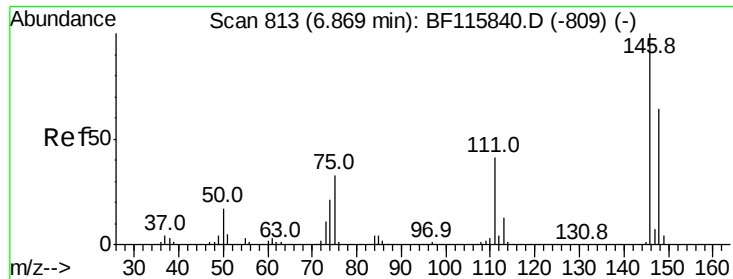
8/22/2019 12:44:54 PM



#12
1,3-Dichlorobenzene
Concen: 41.952 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.0	51.3	76.9	
75	32.7	27.4	41.2	





#13
 1,4-Dichlorobenzene
 Concen: 42.449 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

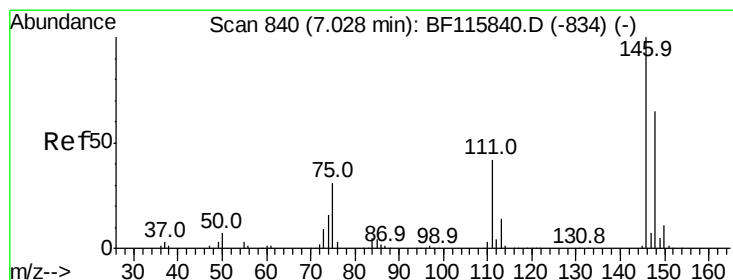
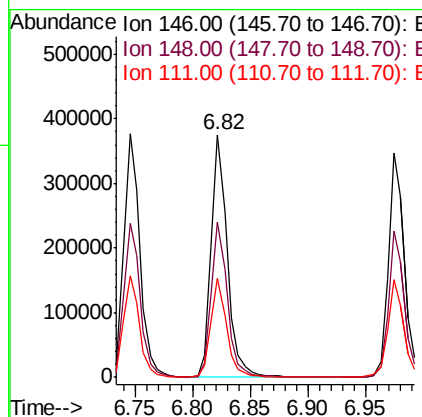
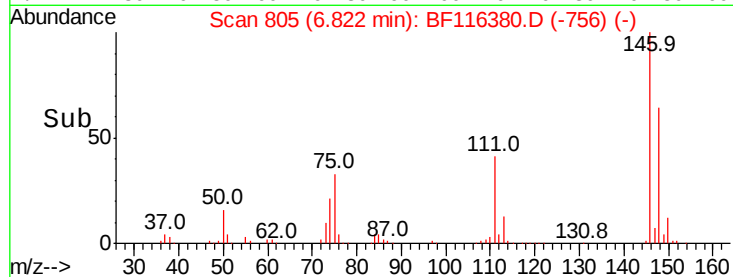
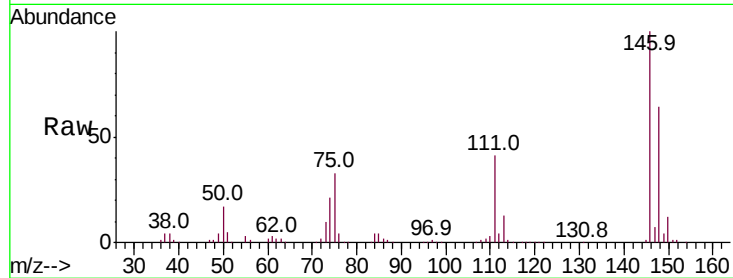
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	40.5	34.0	51.0

Manual Integrations
 APPROVED

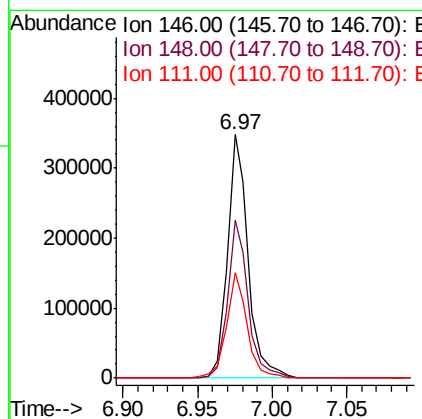
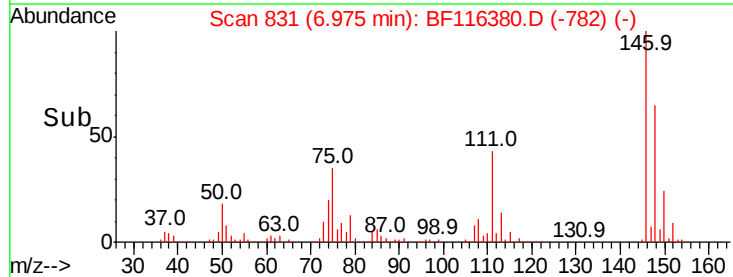
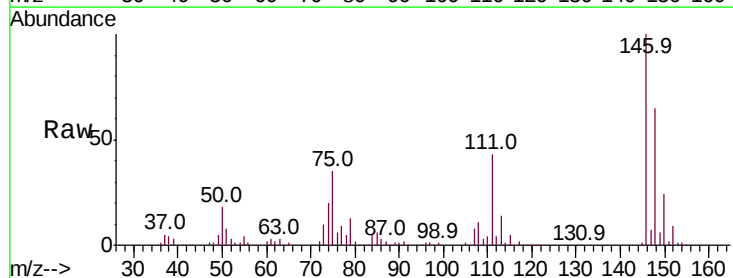
mohammad

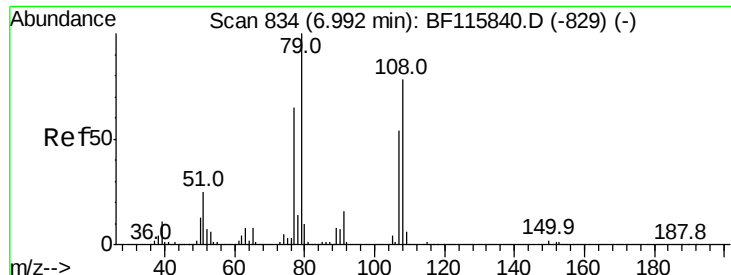
8/22/2019 12:44:54 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.770 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.2	76.8
111	43.4	33.5	50.3





#15
Benzyl Alcohol
Concen: 40.470 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

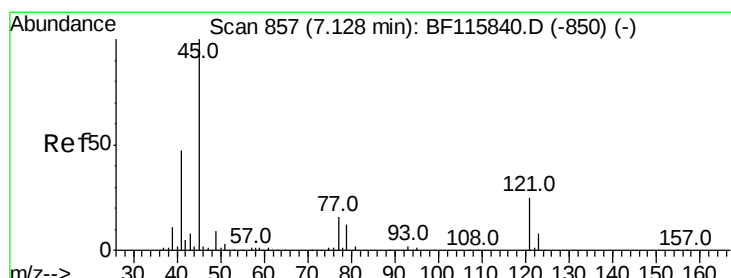
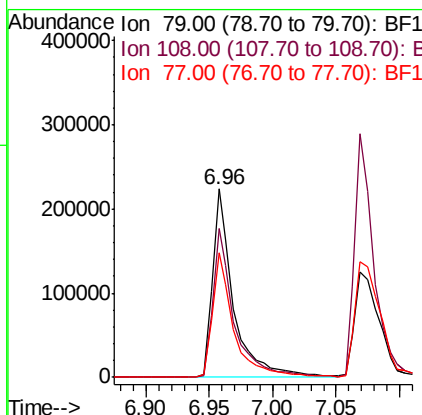
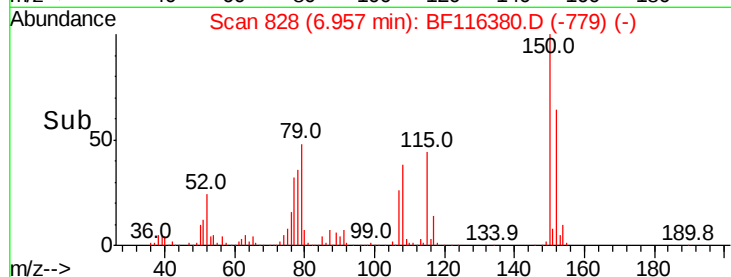
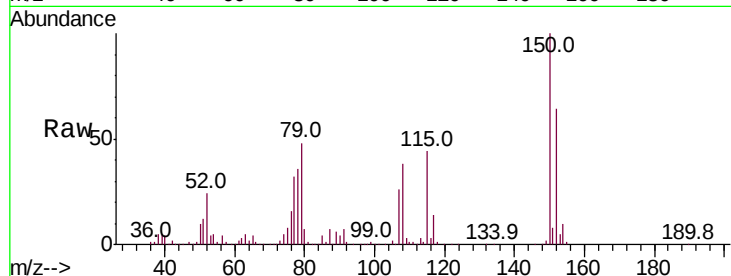
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.7	62.7	94.1
77	65.9	52.2	78.2

Manual Integrations
APPROVED

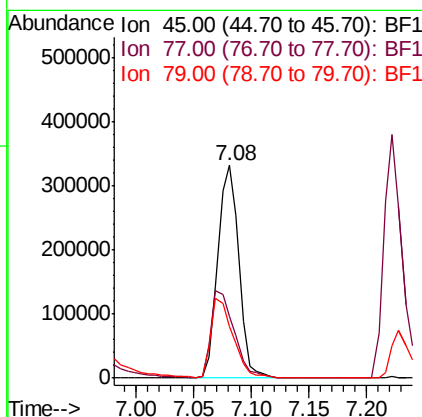
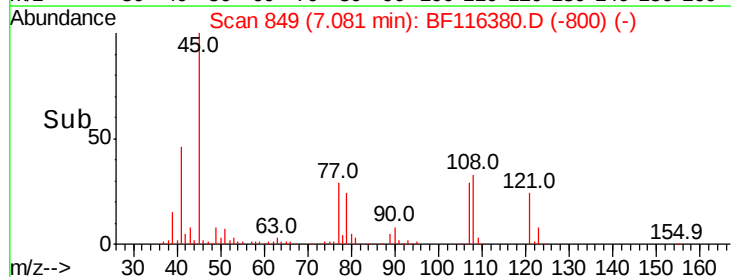
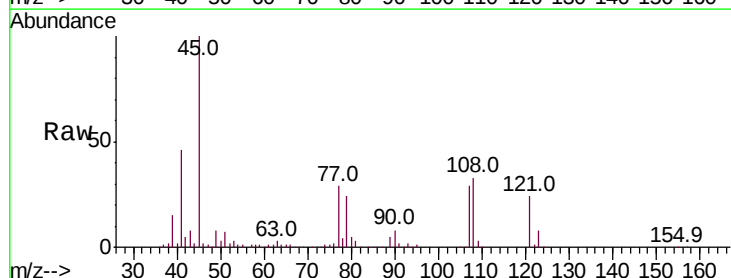
mohammad

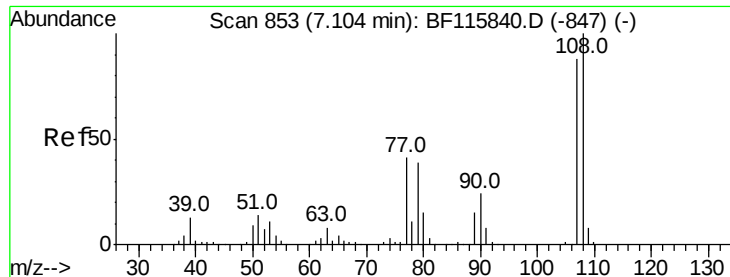
8/22/2019 12:44:54 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.839 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.1	0.0	40.0
79	24.4	0.0	35.9





#17
2-Methylphenol
Concen: 42.067 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

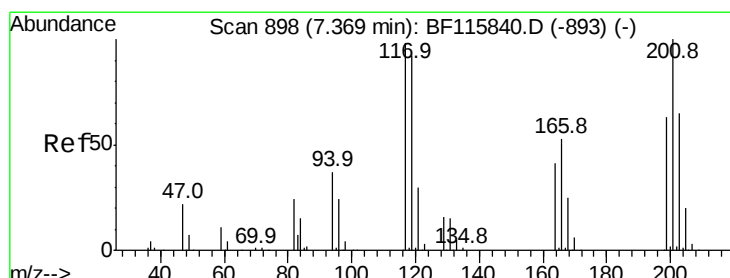
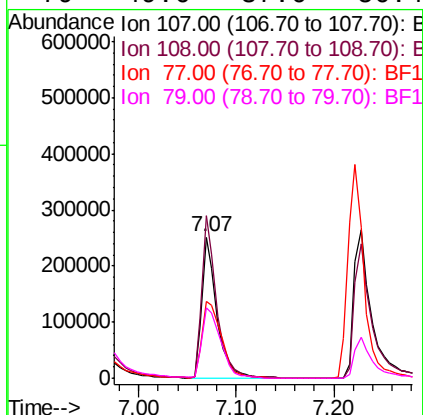
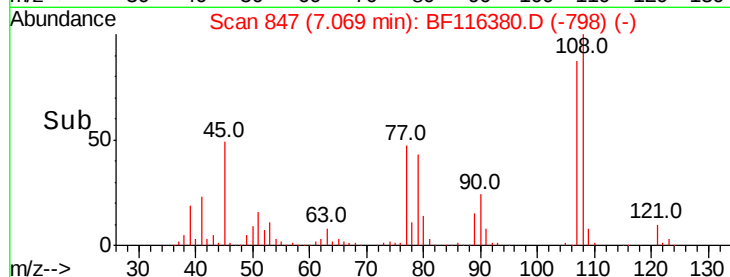
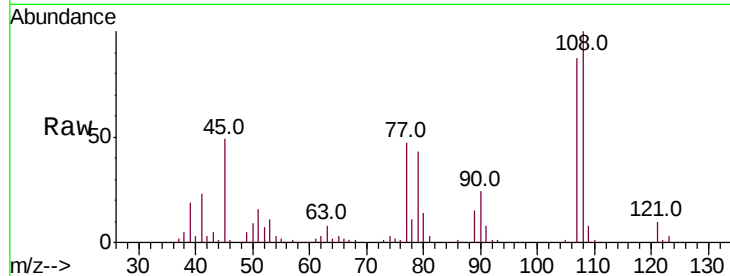
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	265557		
108	115.1	91.2	136.8	
77	54.6	40.3	60.5	
79	49.6	37.6	56.4	

Manual Integrations
APPROVED

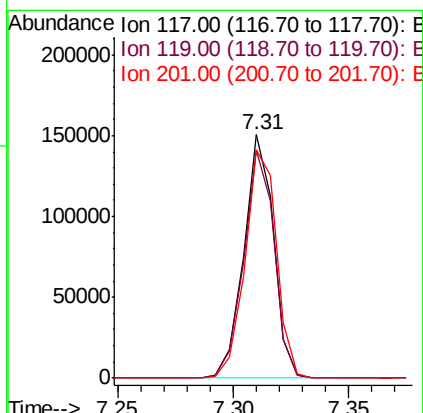
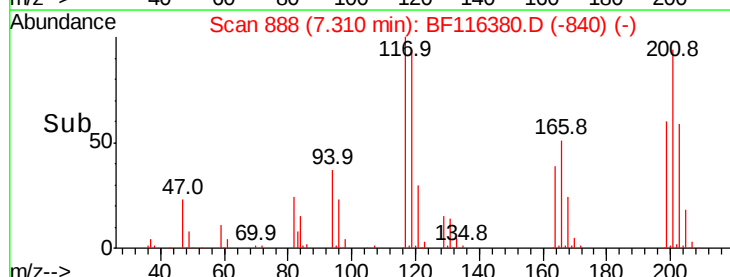
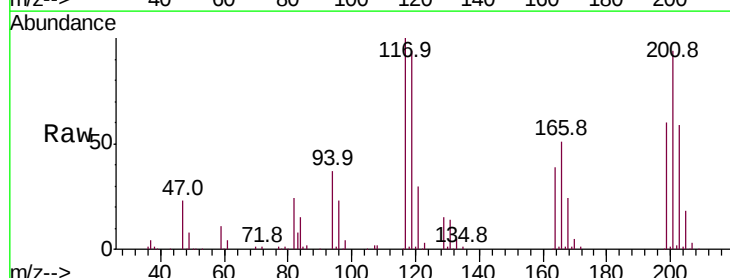
mohammad

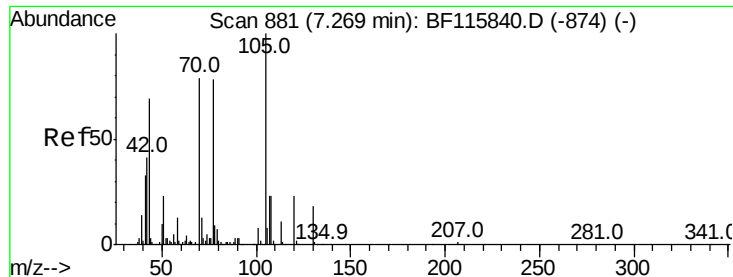
8/22/2019 12:44:54 PM



#18
Hexachloroethane
Concen: 42.631 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	135407		
119	94.0	76.1	114.1	
201	93.9	77.0	115.4	





#19
n-Nitroso-di-n-propylamine
Concen: 43.699 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

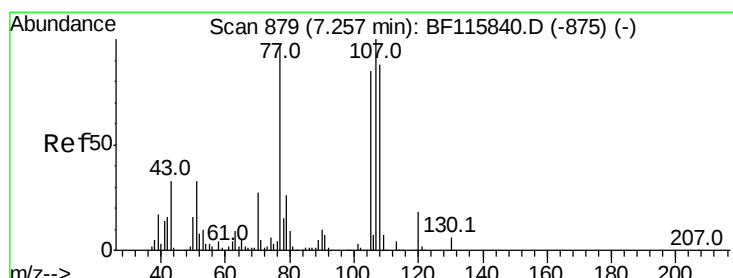
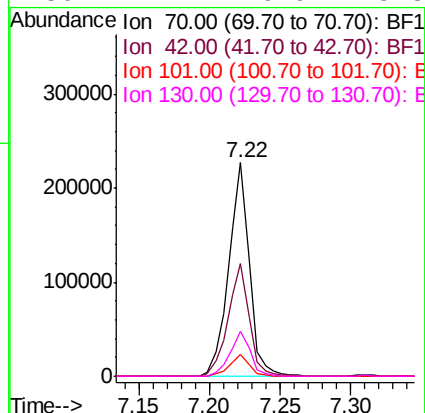
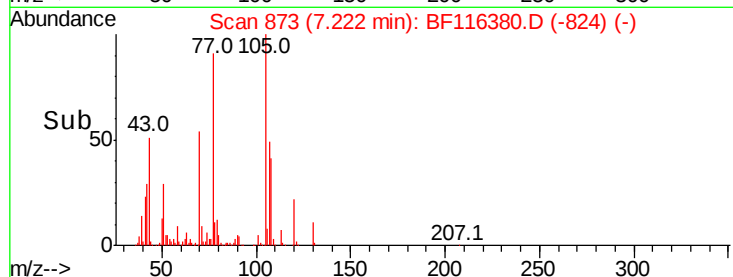
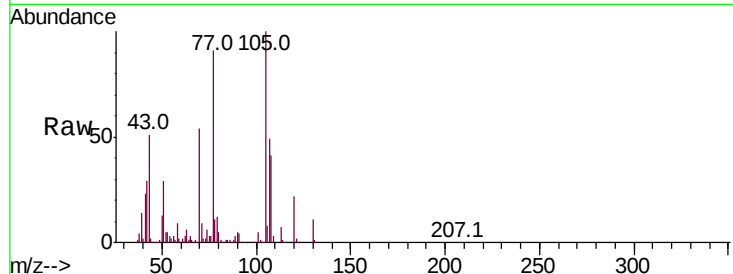
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.9	40.9	61.3
101	9.9	7.9	11.9
130	21.1	16.9	25.3

Manual Integrations
APPROVED

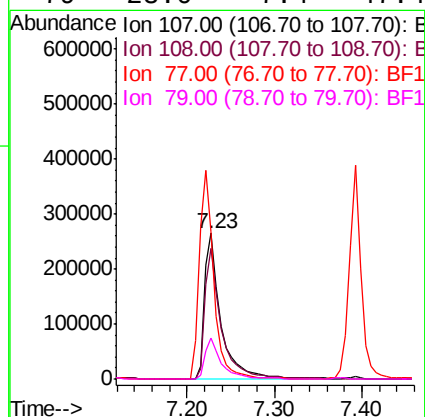
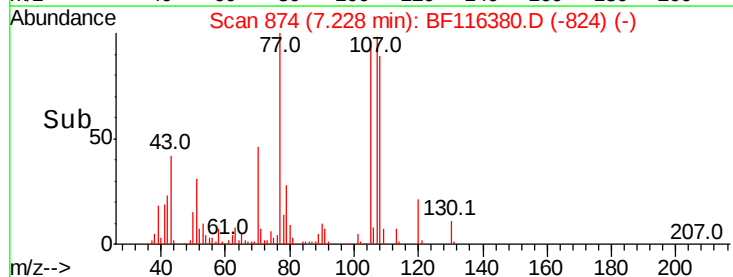
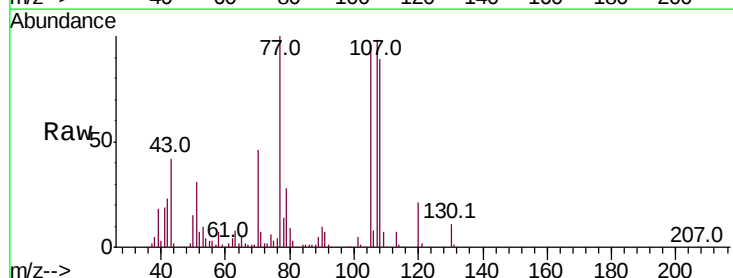
mohammad

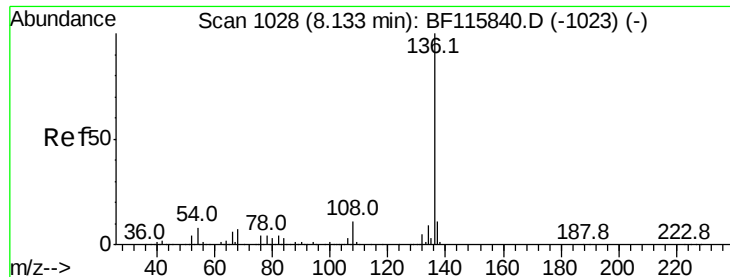
8/22/2019 12:44:54 PM



#20
3+4-Methylphenols
Concen: 45.683 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.6	107.6
77	101.5	104.4	144.4#
79	28.0	7.4	47.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

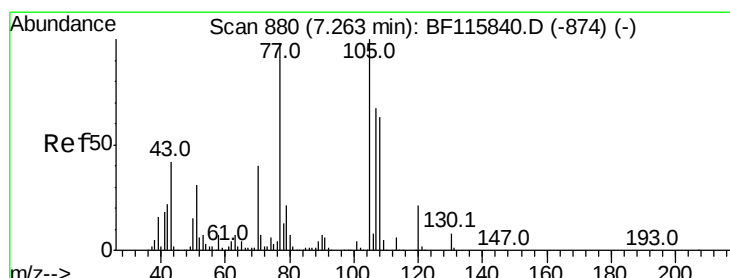
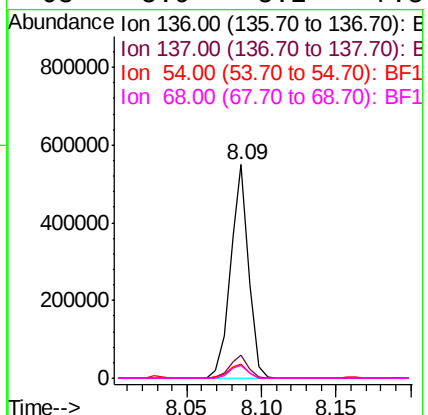
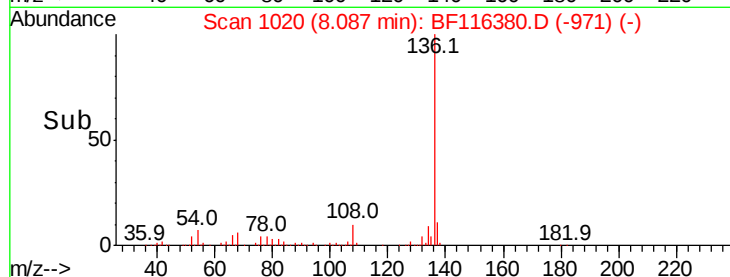
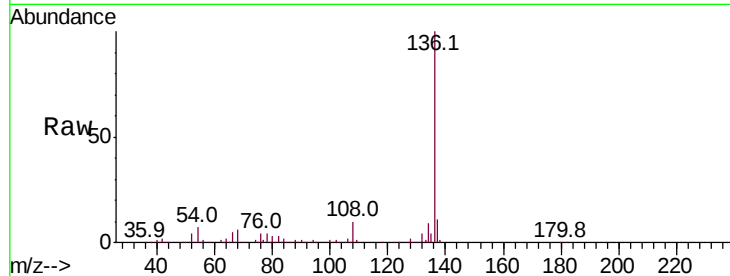
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	467477		
137	10.8		9.0	13.4
54	6.7		5.8	8.6
68	5.9		5.2	7.8

Manual Integrations
APPROVED

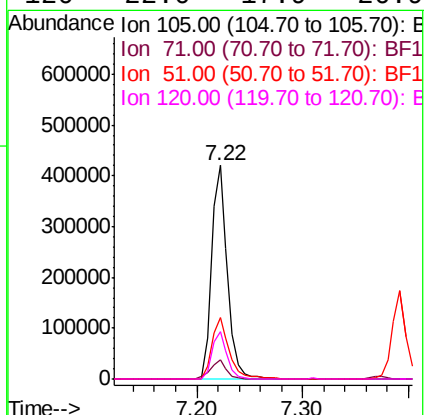
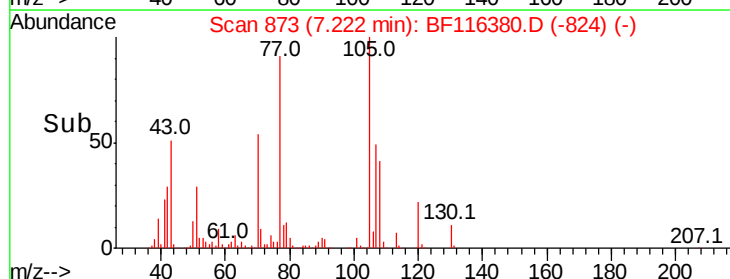
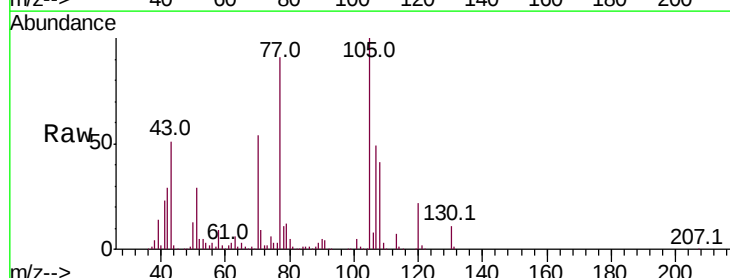
mohammad

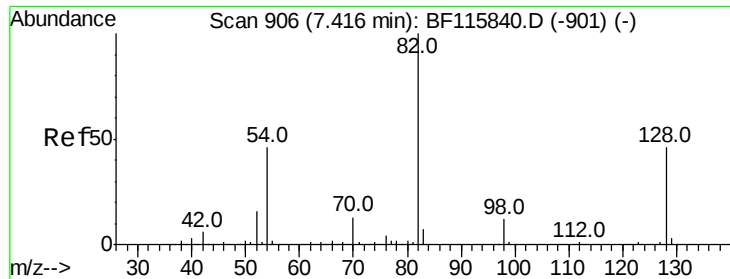
8/22/2019 12:44:54 PM



#22
Acetophenone
Concen: 42.876 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	439583		
71	9.0		5.9	8.9#
51	28.6		25.3	37.9
120	22.0		17.9	26.9





#23
Nitrobenzene-d5
Concen: 80.983 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

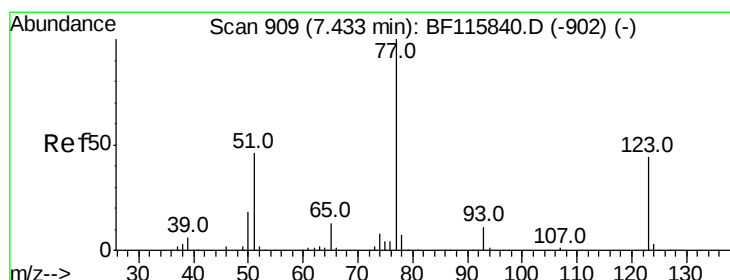
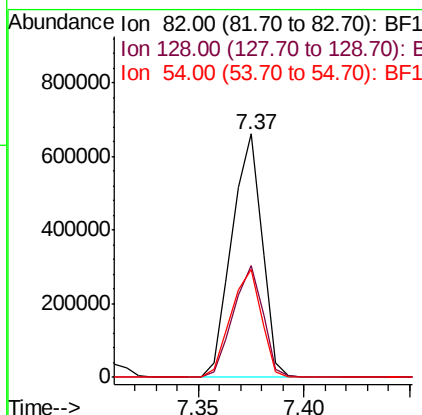
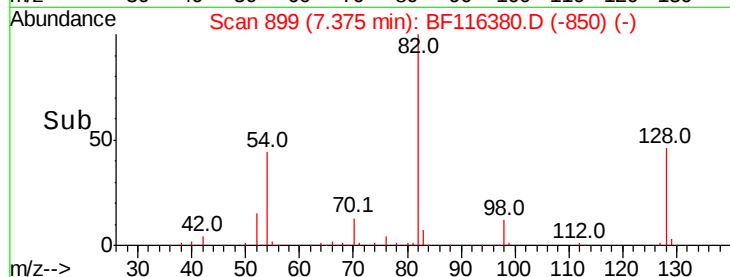
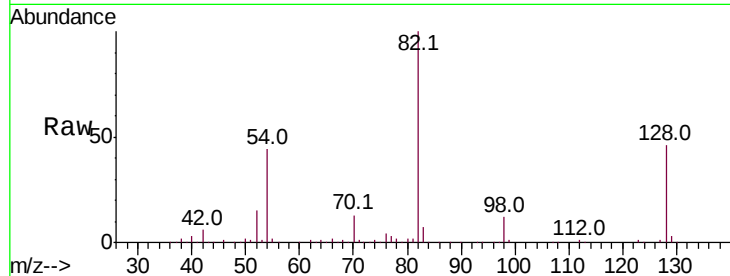
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.5	54.7
54	44.2	36.0	54.0

Manual Integrations
APPROVED

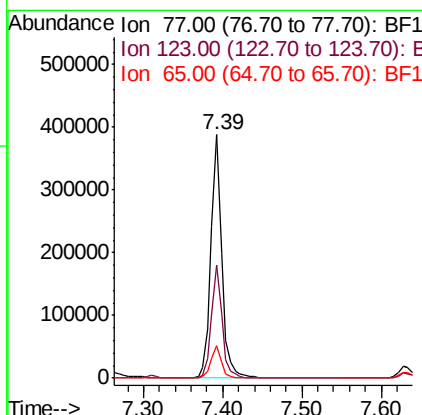
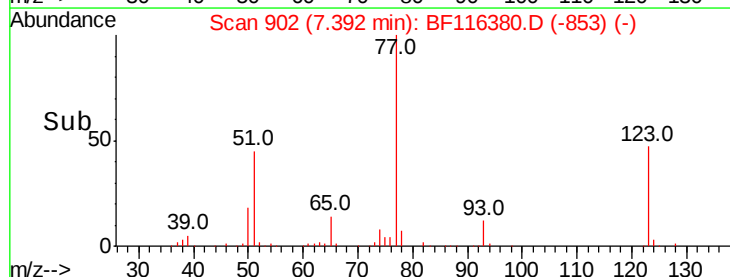
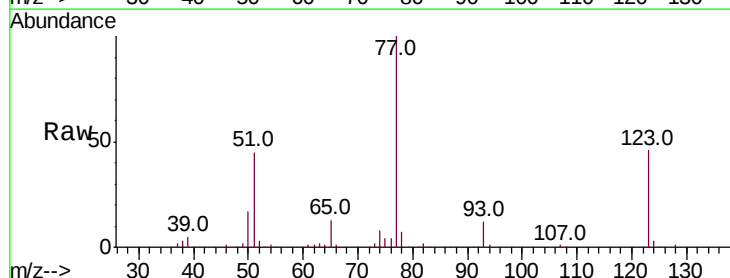
mohammad

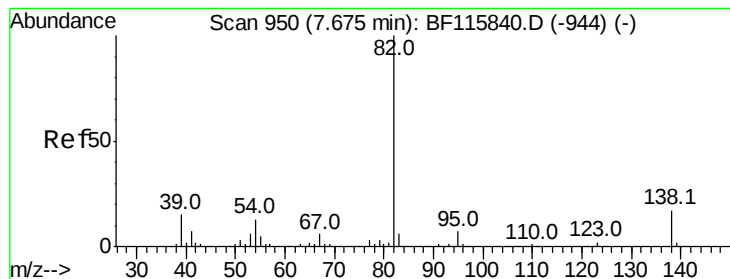
8/22/2019 12:44:54 PM



#24
Nitrobenzene
Concen: 42.647 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	36.7	55.1
65	13.4	10.6	16.0





#25

Isophorone

Concen: 42.622 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 660033
Ion Ratio Lower Upper

82 100

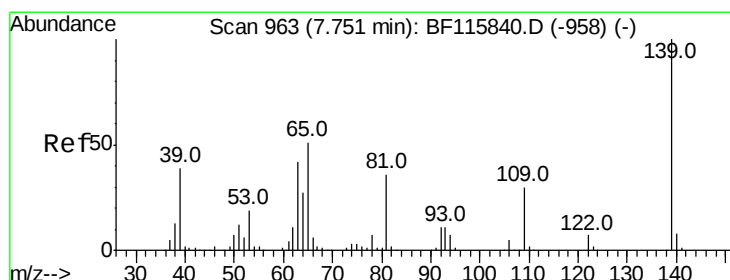
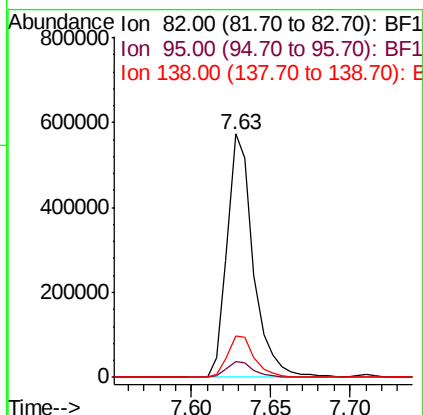
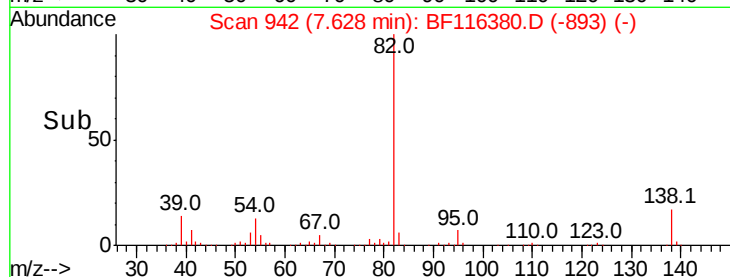
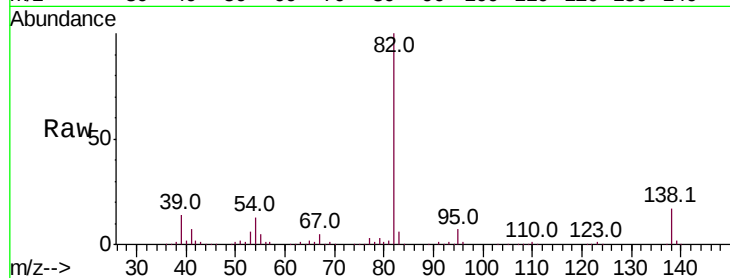
95 6.5 5.4 8.0

138 16.8 14.5 21.7

Manual Integrations
APPROVED

mohammad

8/22/2019 12:44:54 PM



#26

2-Nitrophenol

Concen: 43.338 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF116380.D

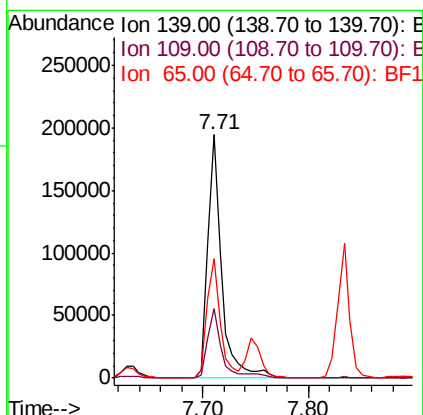
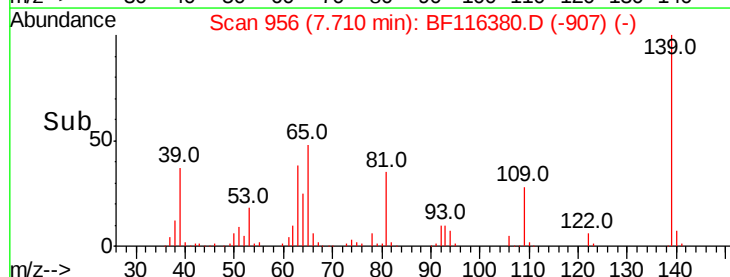
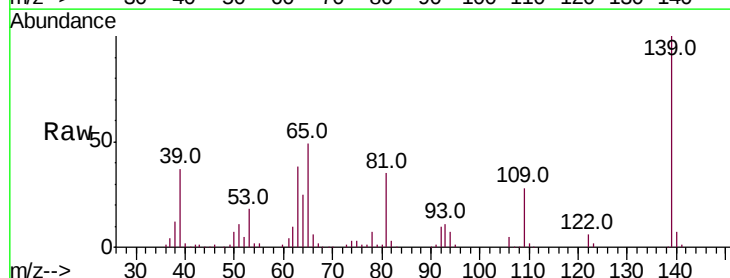
Acq: 19 Aug 2019 9:24

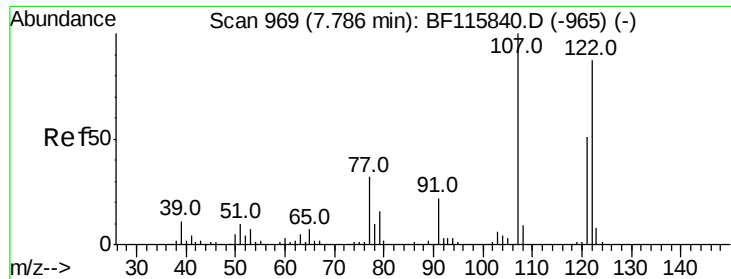
Tgt Ion: 139 Resp: 178640
Ion Ratio Lower Upper

139 100

109 28.3 23.4 35.2

65 49.0 41.1 61.7





#27
2,4-Dimethylphenol
Concen: 41.094 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

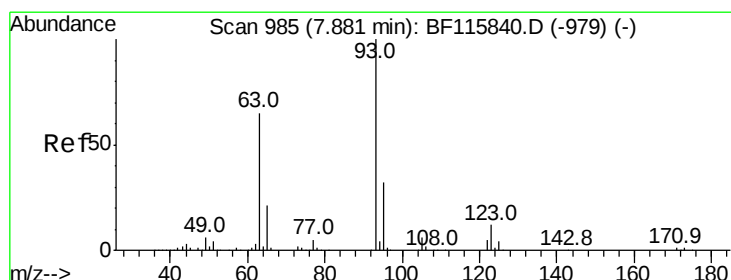
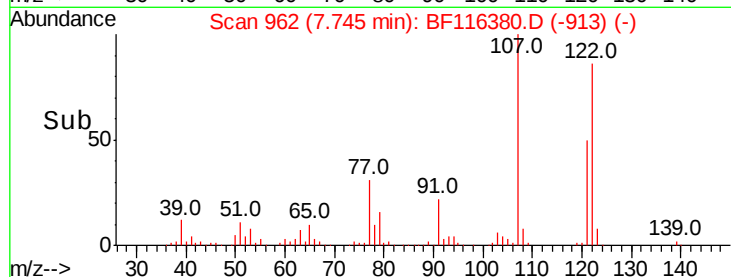
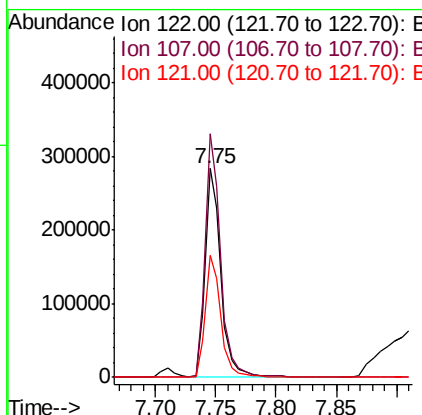
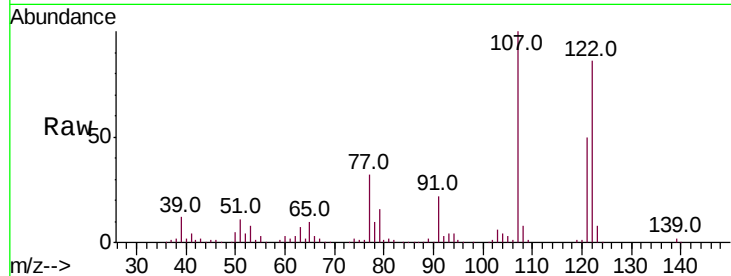
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	93.0	139.6
121	58.4	47.6	71.4

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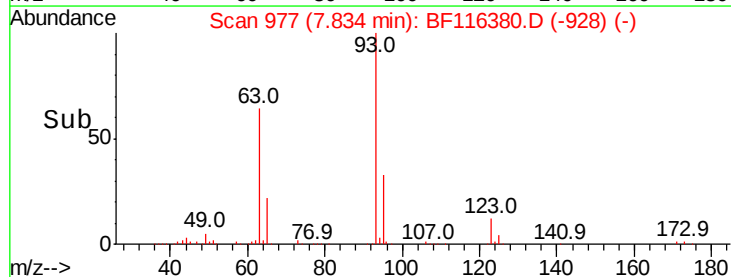
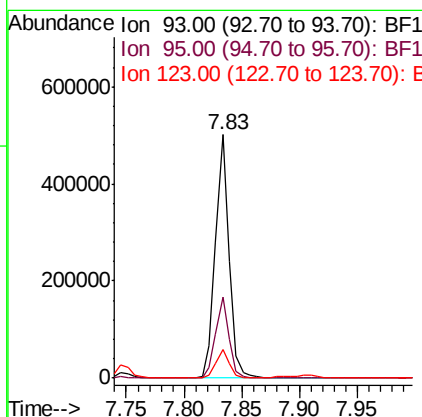
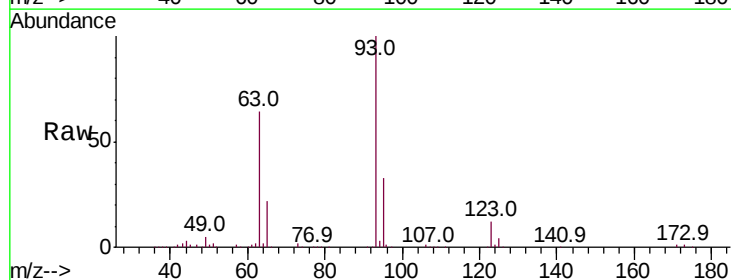
mohammad

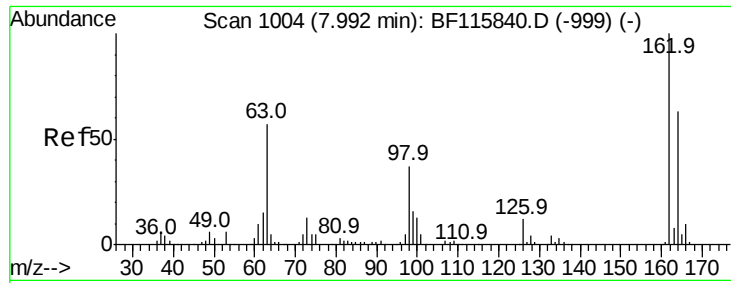
8/22/2019 12:44:54 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.054 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	11.6	9.2	13.8





#29
2,4-Dichlorophenol
Concen: 42.713 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

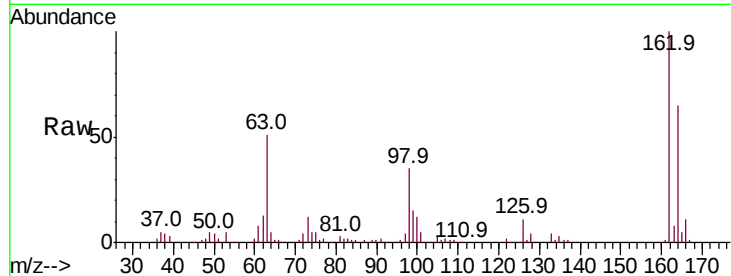
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	279684		
164	64.7	45.1	85.1	
98	34.7	15.8	55.8	

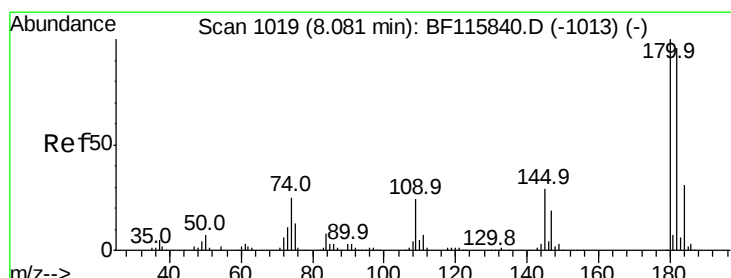
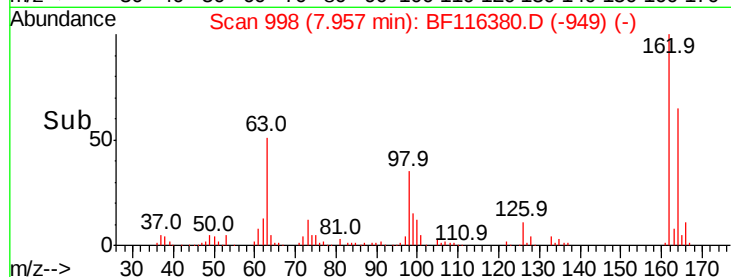
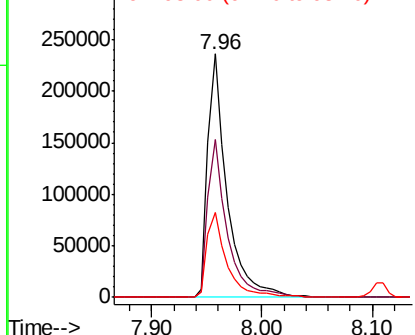
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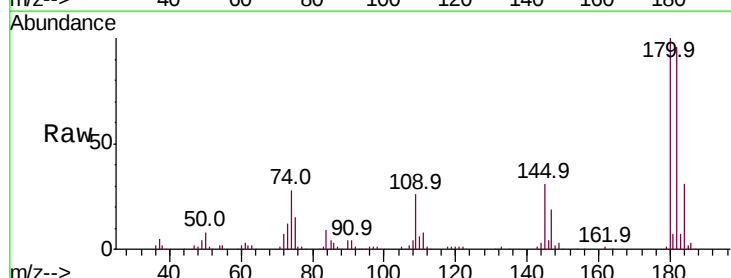


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

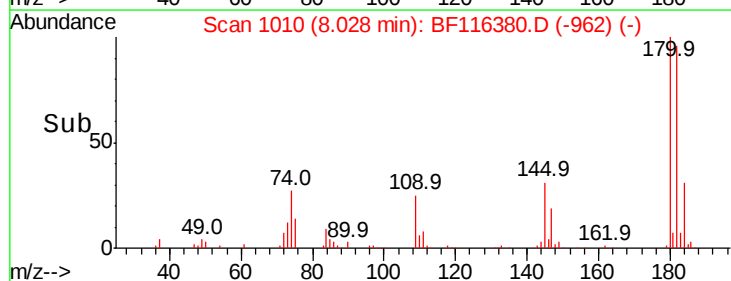
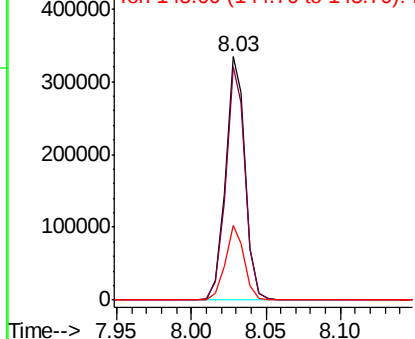


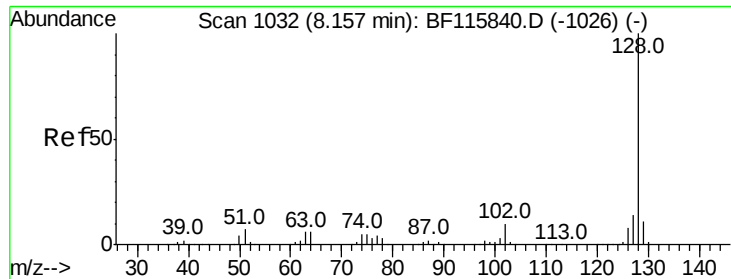
#30
1,2,4-Trichlorobenzene
Concen: 41.654 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	310910		
182	95.7	75.7	113.5	
145	30.8	24.3	36.5	



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: 43.366 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

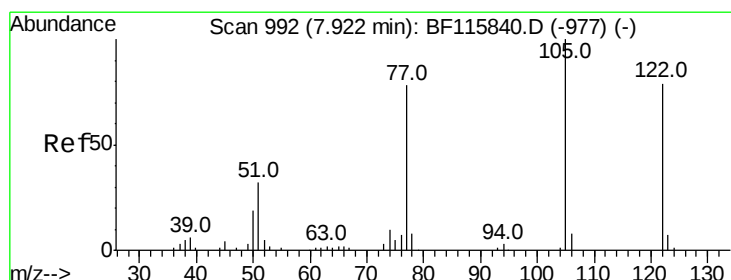
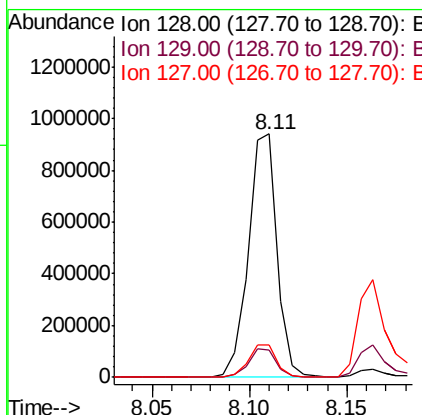
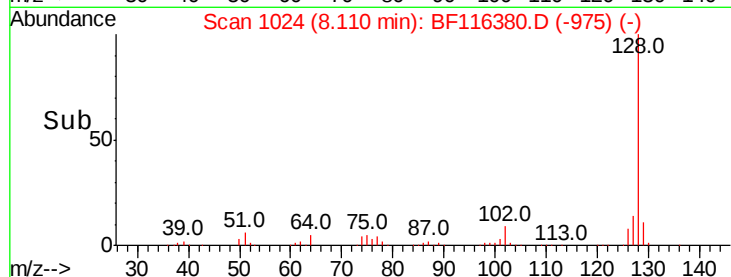
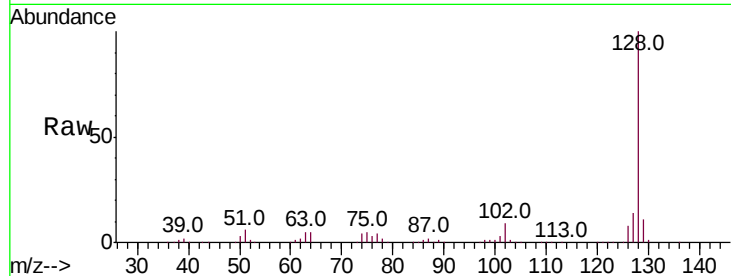
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.5	11.4	17.0

Manual Integrations
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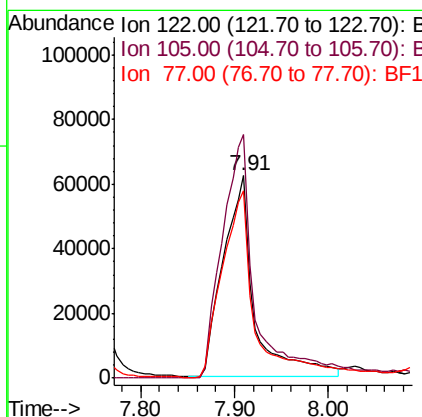
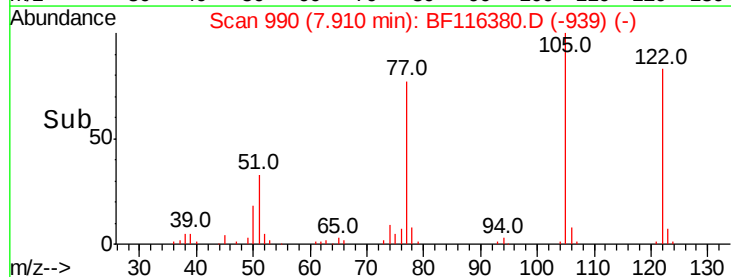
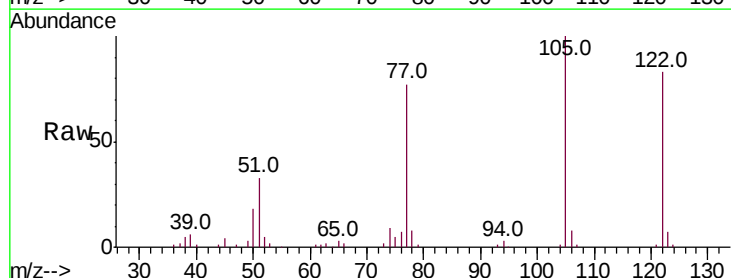
mohammad

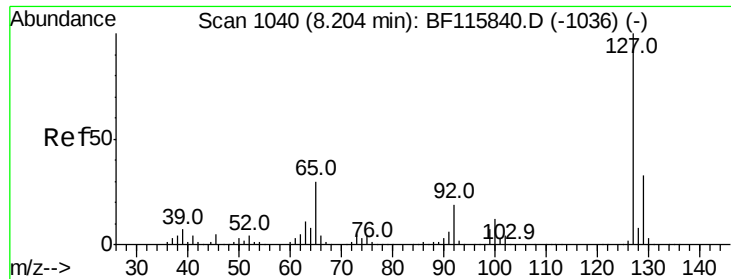
8/22/2019 12:44:54 PM



#32
Benzoic acid
Concen: 33.193 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	106.1	146.1
77	92.9	76.7	116.7





#33
4-Chloroaniline
Concen: 42.176 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

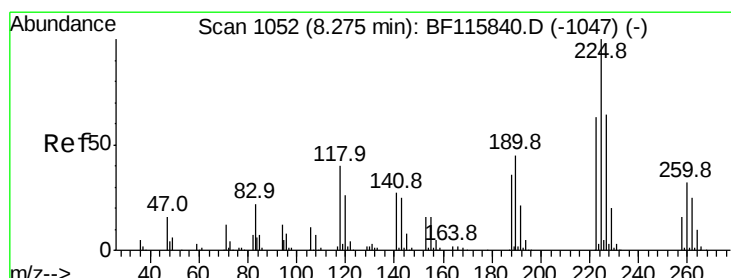
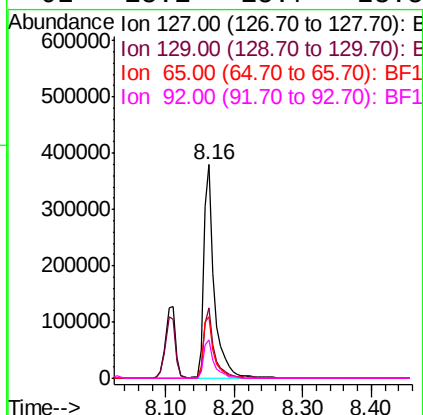
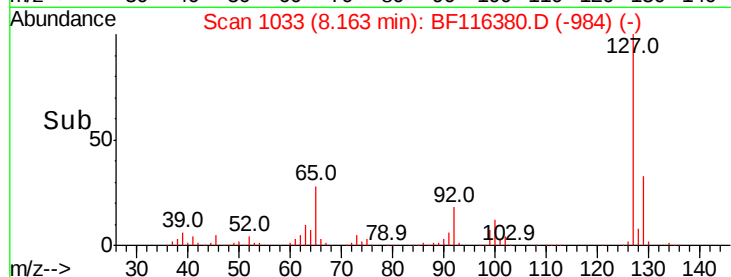
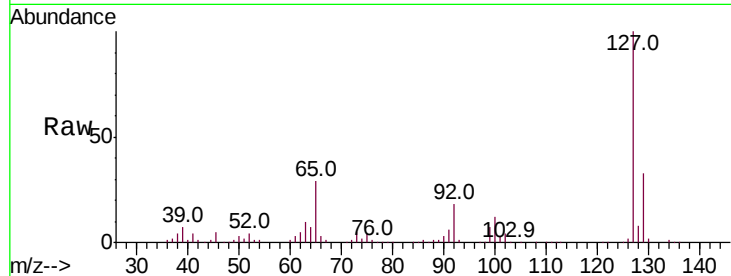
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	28.6	24.9	37.3
92	18.1	15.7	23.5

Manual Integrations
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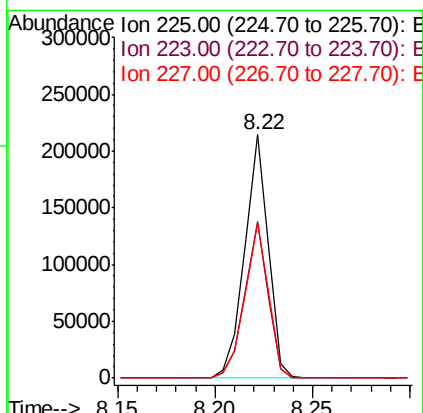
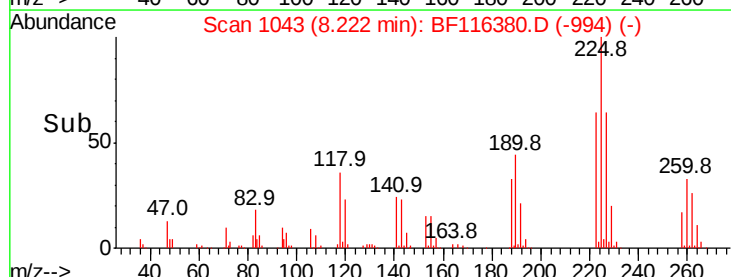
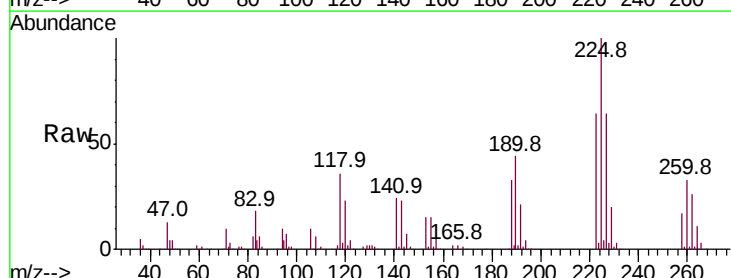
mohammad

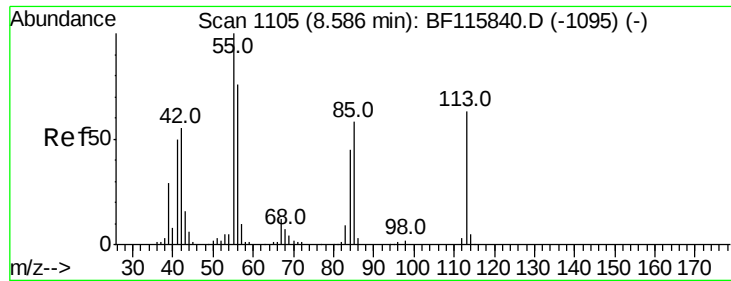
8/22/2019 12:44:54 PM



#34
Hexachlorobutadiene
Concen: 41.875 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.0	75.0
227	63.6	51.0	76.4





#35

Caprolactam

Concen: 41.174 ng/mL

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleID :

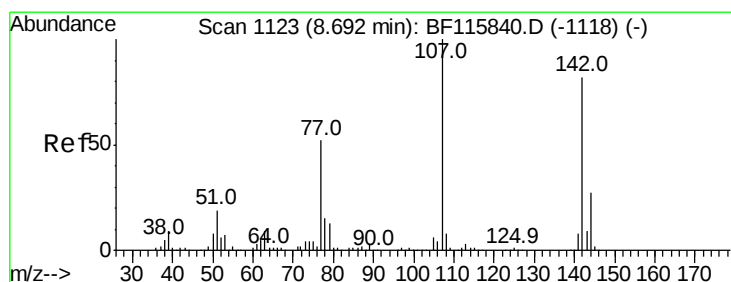
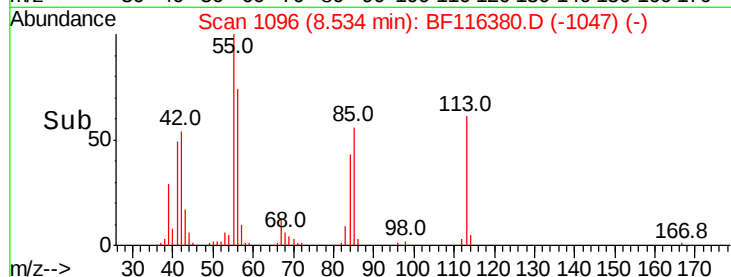
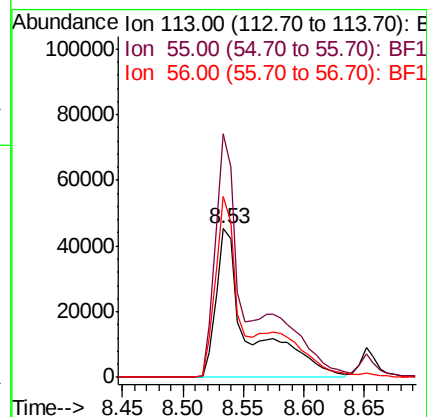
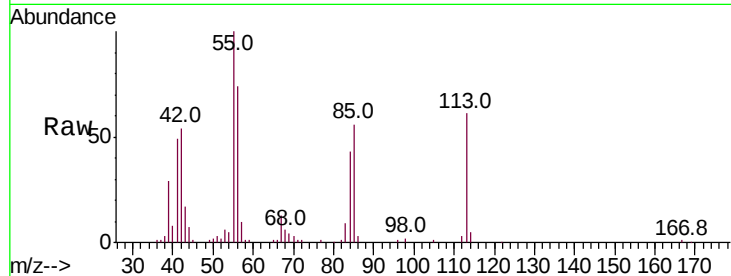
SSTDCCC040

Tot Ion:	113	Resp:	87198
Ion Ratio	Lower	Upper	
113	100		
55	163.7	144.3	184.3
56	121.9	97.1	137.1

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8/22/2019 12:44:54 PM



#36

4-Chloro-3-methylphenol

Concen: 43.445 ng/mL

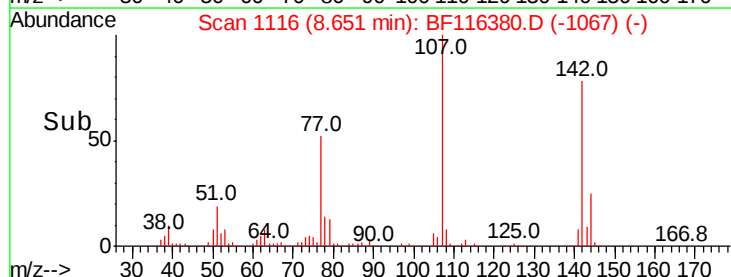
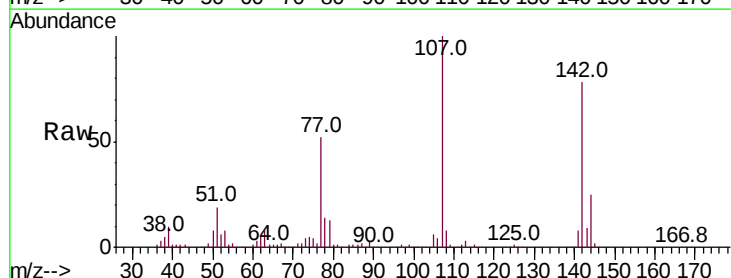
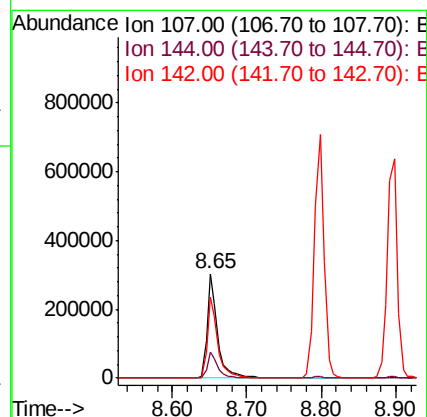
RT: 8.65 min Scan# 1116

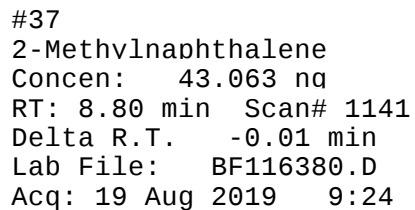
Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Tgt Ion:	107	Resp:	295951
Ion Ratio	Lower	Upper	
107	100		
144	24.9	20.2	30.2
142	77.9	61.7	92.5





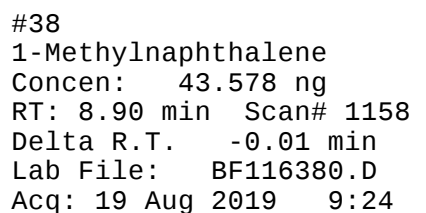
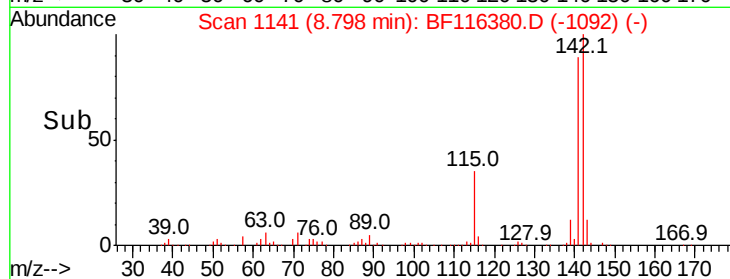
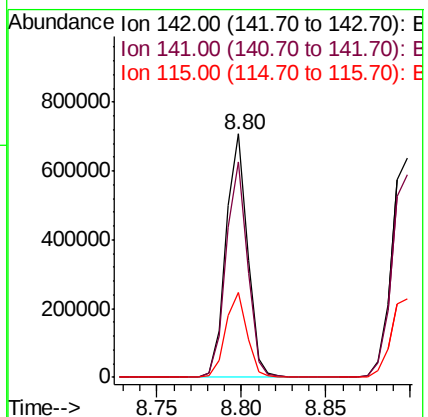
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot	Ion:142	Resp:	623893
Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3
115	34.7	29.0	43.6

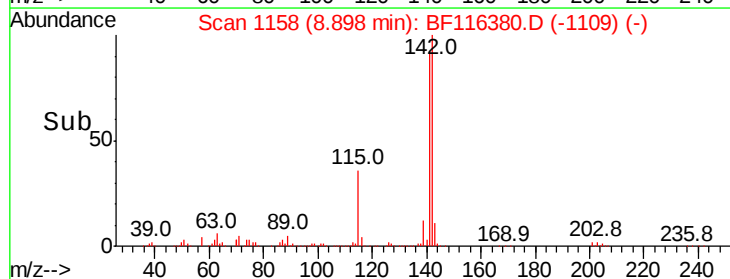
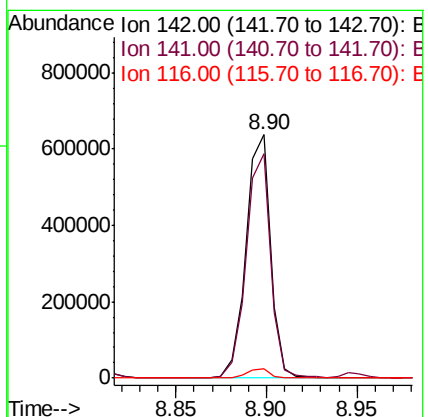
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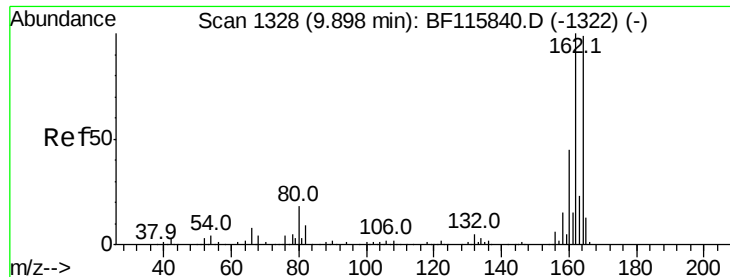
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Tgt	Ion:142	Resp:	597289
Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.4	111.6
116	3.7	3.1	4.7





#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

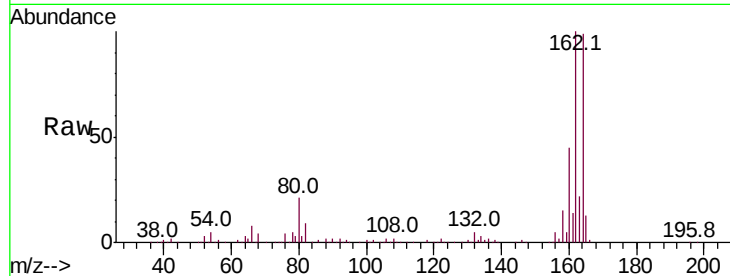
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:	164	Resp:	254396
Ion Ratio	Lower	Upper	
164	100		
162	100.7	82.6	124.0
160	45.1	37.6	56.4

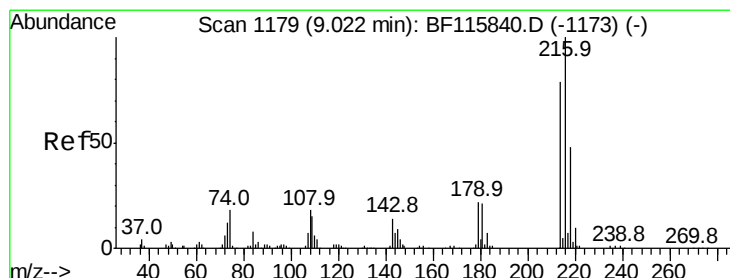
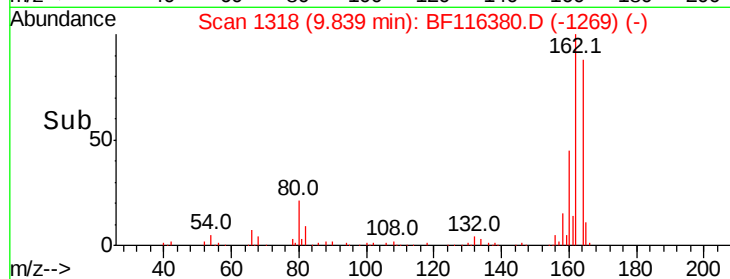
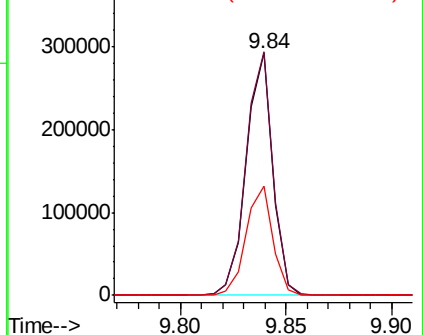
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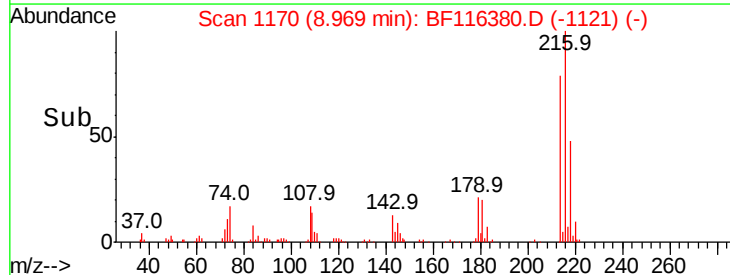
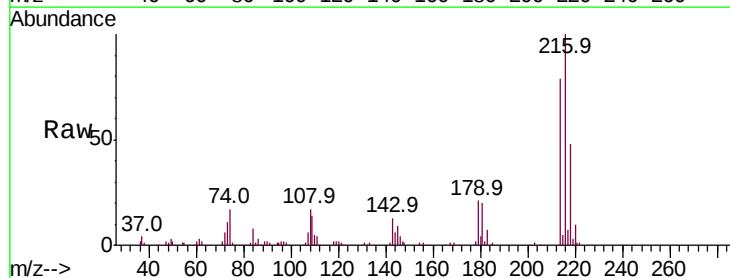
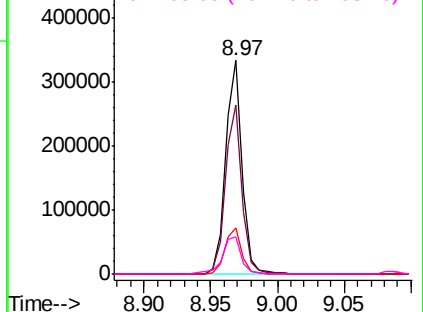
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

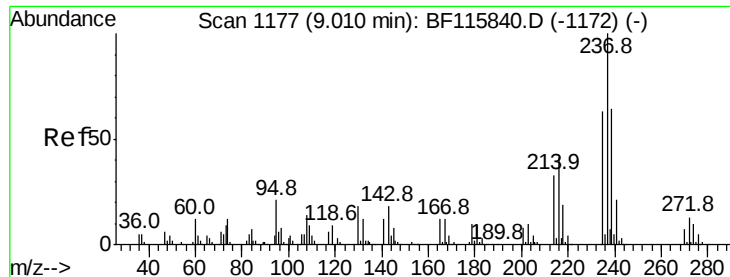


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.463 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion:	216	Resp:	288794
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.6	95.4
179	21.9	17.8	26.8
108	20.2	16.5	24.7

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: 32.462 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

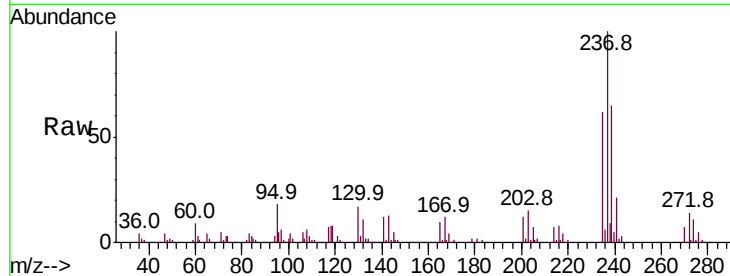
SSTDCCC040

Tot Ion:	237	Resp:	87509
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.4	83.4
272	13.9	0.0	33.2

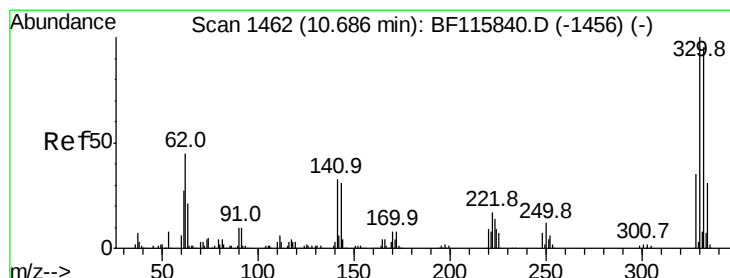
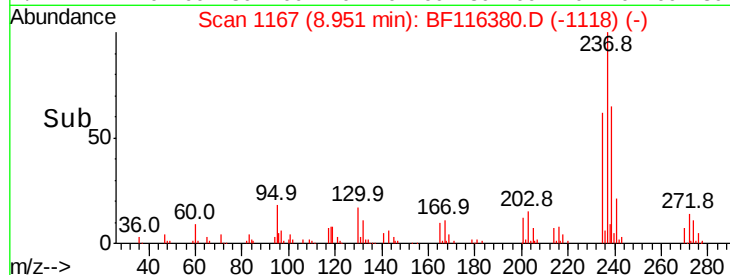
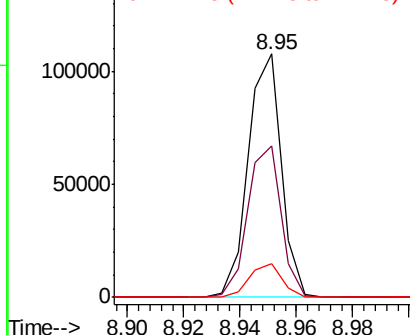
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.475 ng

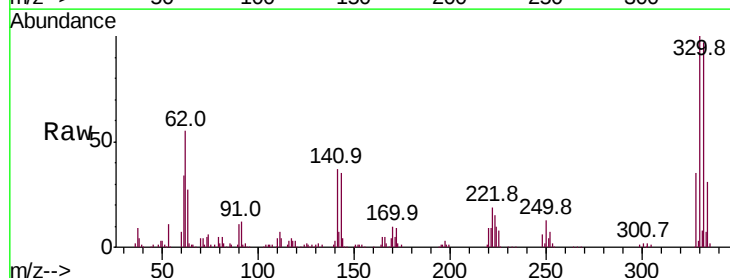
RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

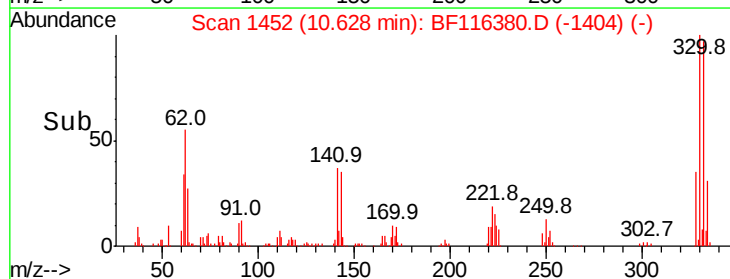
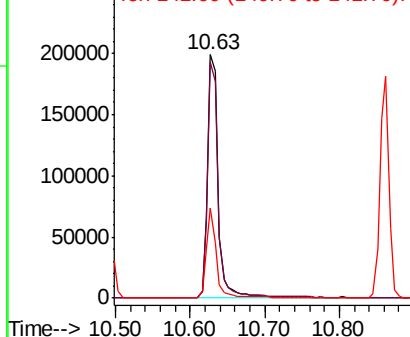
Lab File: BF116380.D

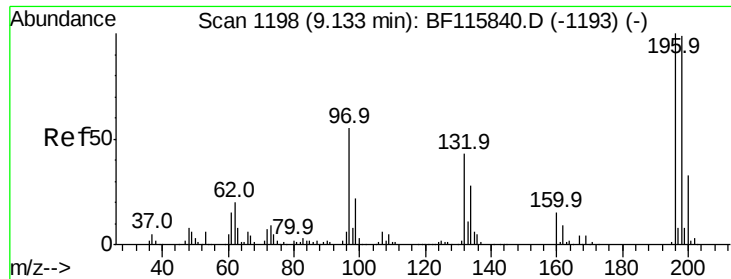
Acq: 19 Aug 2019 9:24

Tgt Ion:	330	Resp:	203419
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.8	115.2
141	33.2	26.3	39.5



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: 36.726 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

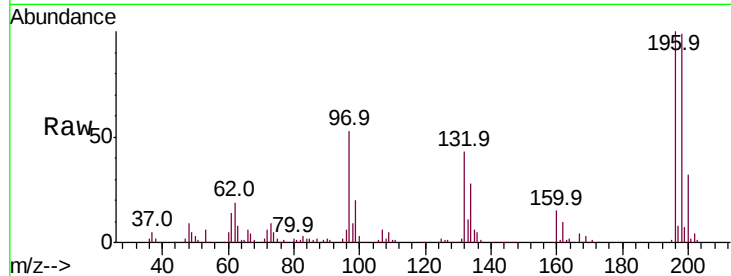
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	171924		
198	99.4	79.2	118.8	
200	31.5	25.2	37.8	

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8/22/2019 12:44:54 PM

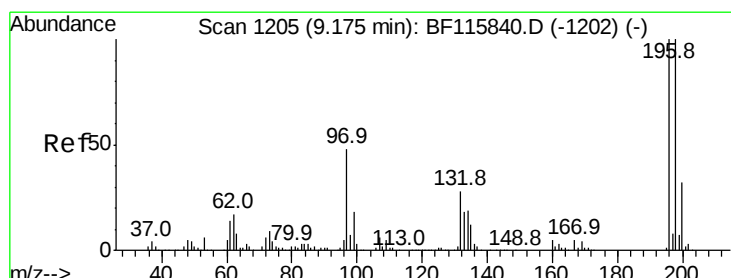
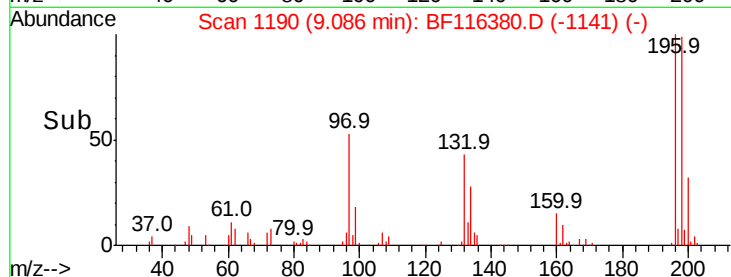
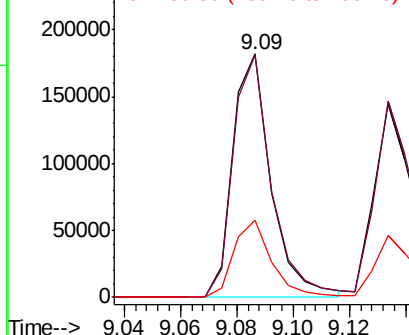


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 36.487 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	176562		
198	100.8	78.8	118.2	
97	51.7	42.2	63.4	
132	28.7	24.0	36.0	

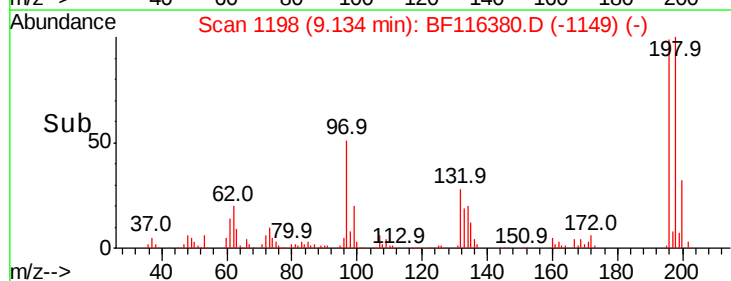
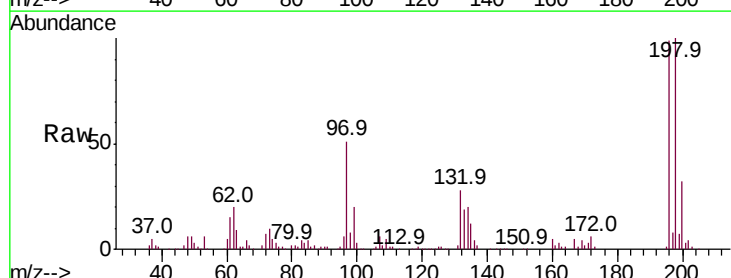
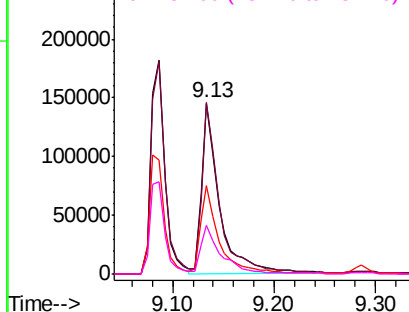
Abundance

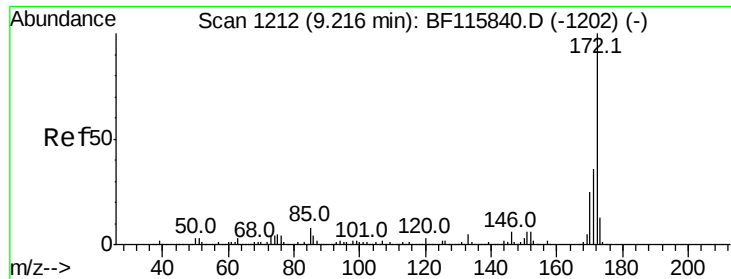
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45
2-Fluorobiphenyl
Concen: 85.664 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

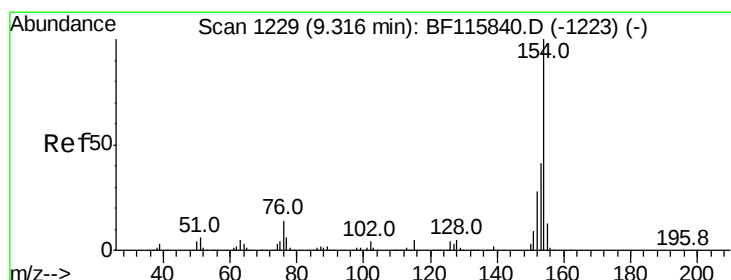
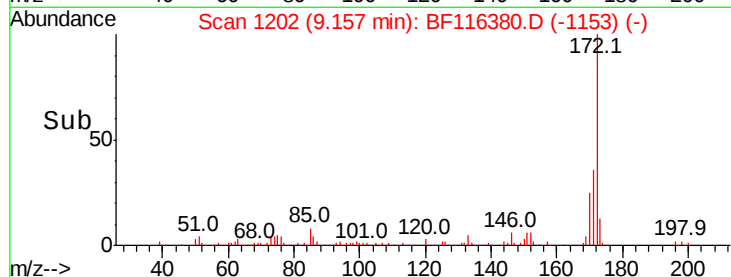
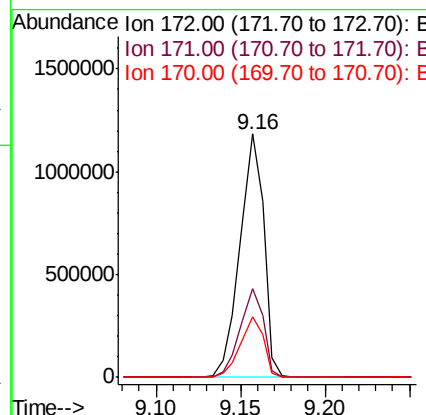
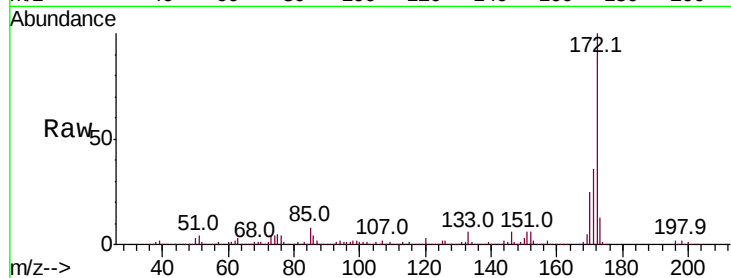
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	25.0	20.1	30.1

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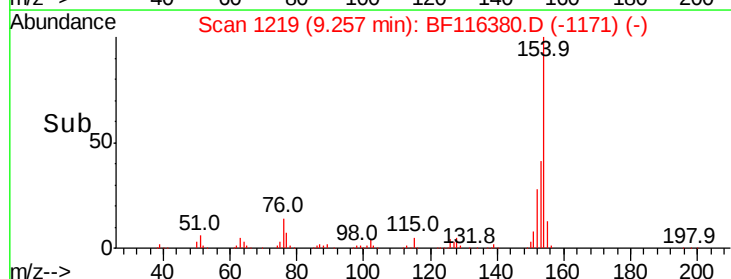
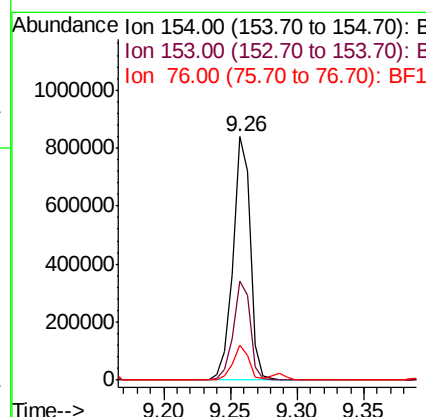
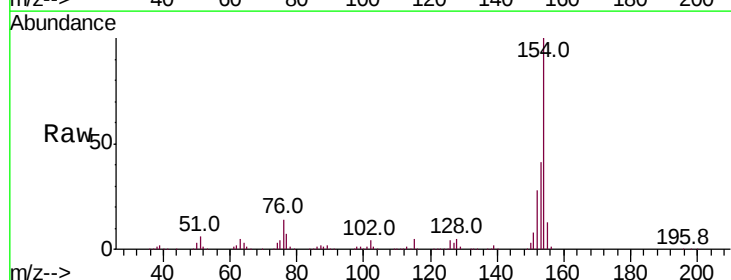
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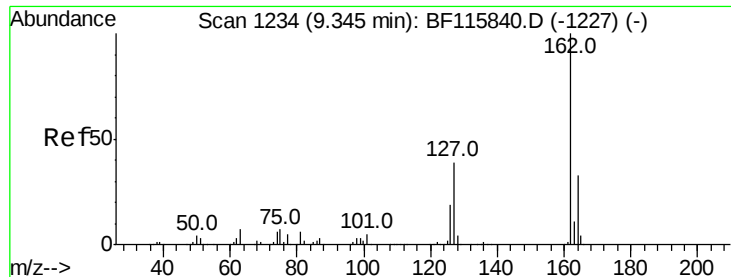
8/22/2019 12:44:54 PM



#46
1,1'-Biphenyl
Concen: 42.922 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.4	61.4
76	14.3	0.0	35.2





#47
 2-Chloronaphthalene
 Concen: 41.572 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

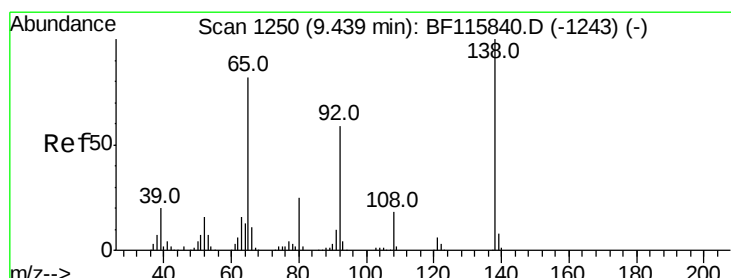
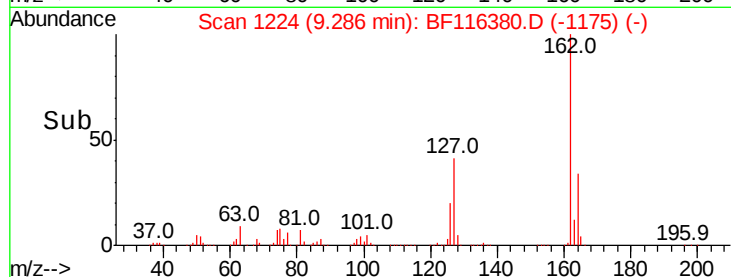
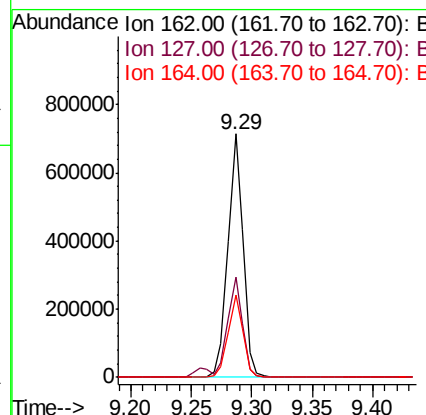
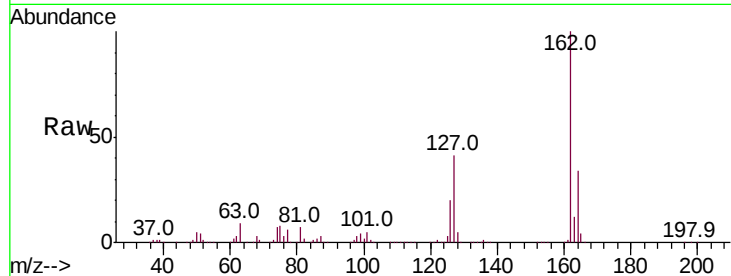
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	621436		
127	41.2	32.8	49.2	
164	33.7	26.6	39.8	

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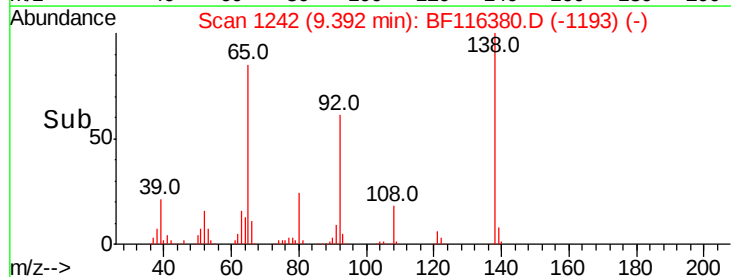
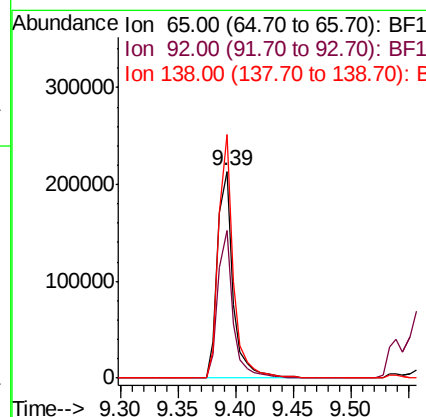
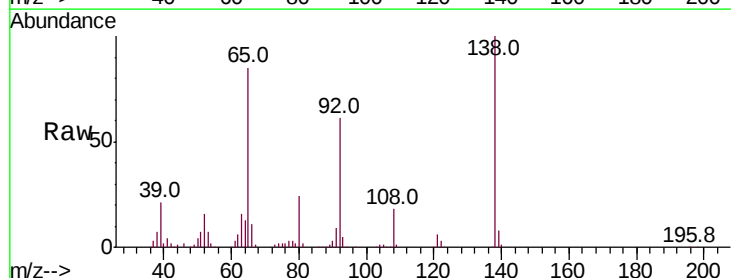
mohammad

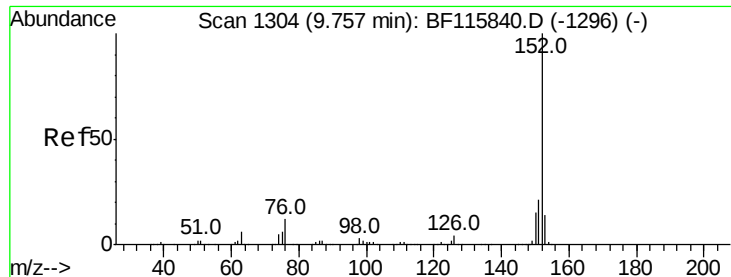
8/22/2019 12:44:54 PM



#48
 2-Nitroaniline
 Concen: 40.674 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	200967		
92	71.2	57.8	86.8	
138	117.7	94.0	141.0	





#49

Acenaphthylene

Concen: 42.054 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

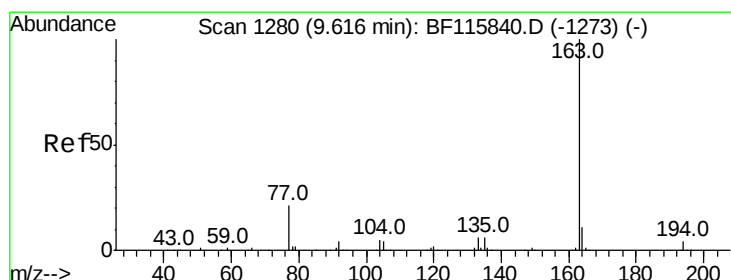
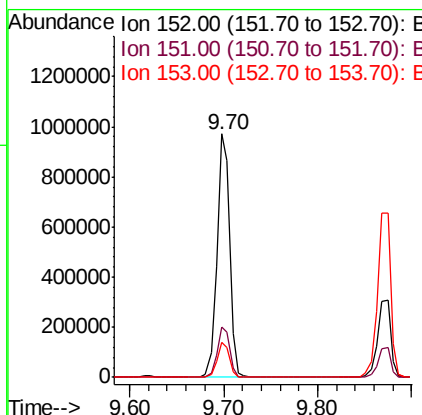
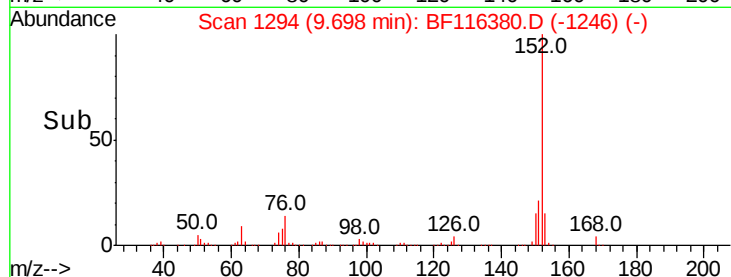
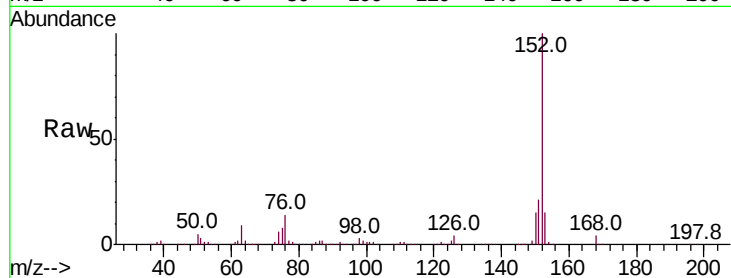
SSTDCCC040

Tot Ion:	152	Resp:	917114
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.2	25.8
153	14.5	11.8	17.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.127 ng

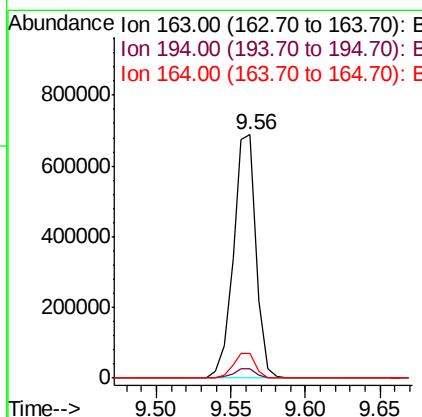
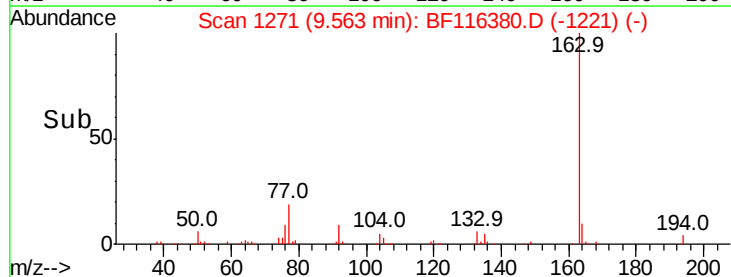
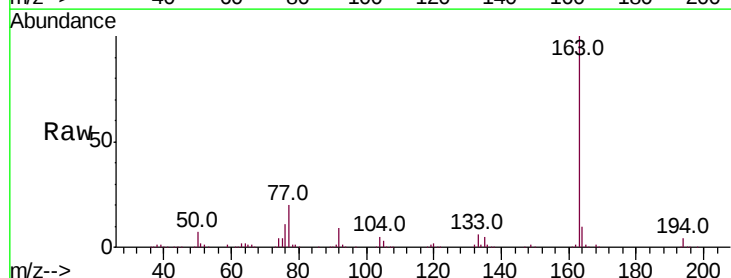
RT: 9.56 min Scan# 1271

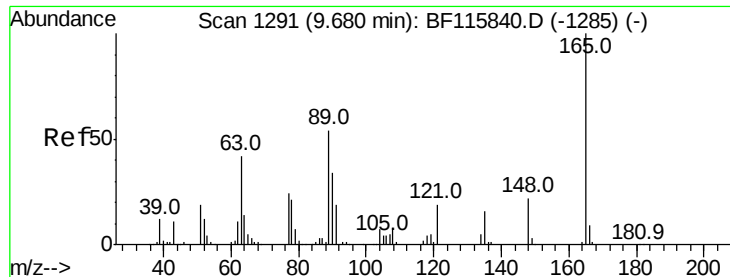
Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Tgt Ion:	163	Resp:	729701
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	10.2	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 42.638 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 160502
Ion Ratio Lower Upper

165 100

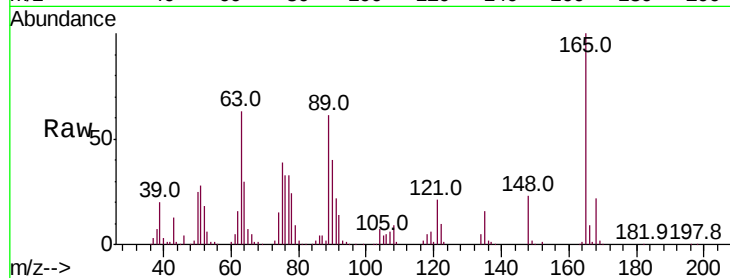
63 62.6 38.2 57.2#

89 60.5 42.9 64.3

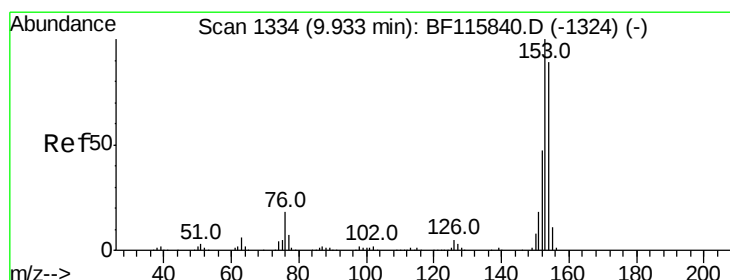
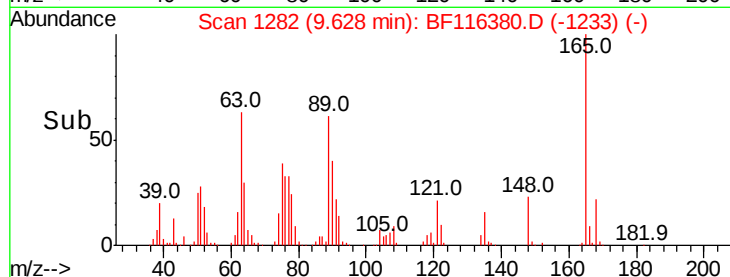
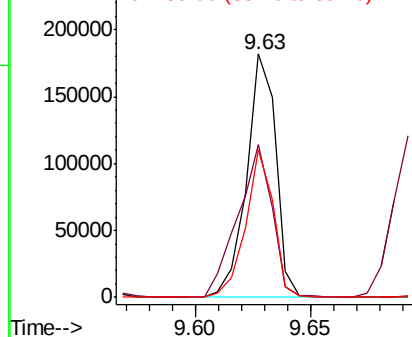
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.334 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116380.D

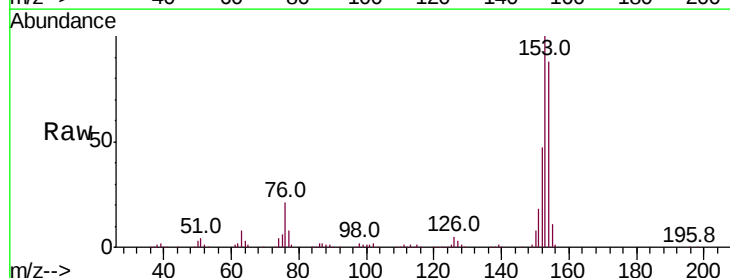
Acq: 19 Aug 2019 9:24

Tgt Ion:154 Resp: 566380
Ion Ratio Lower Upper

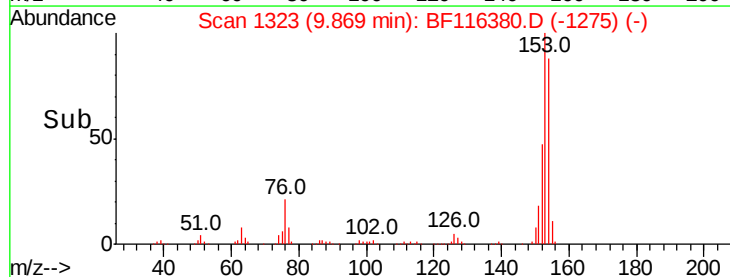
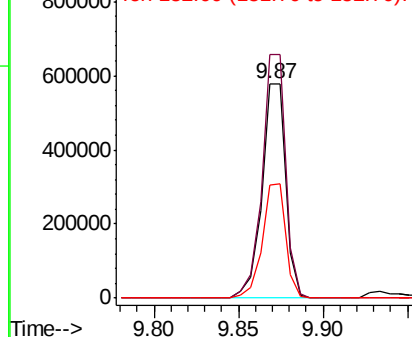
154 100

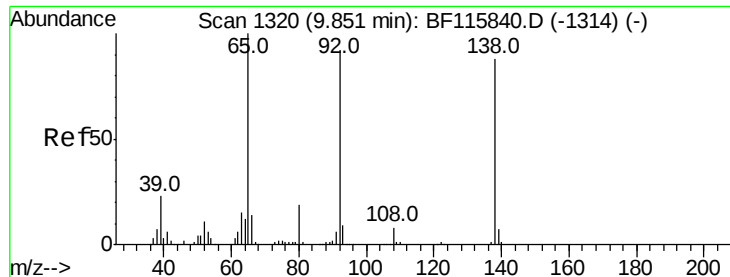
153 113.1 89.4 134.0

152 52.6 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53
3-Nitroaniline
Concen: 40.484 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

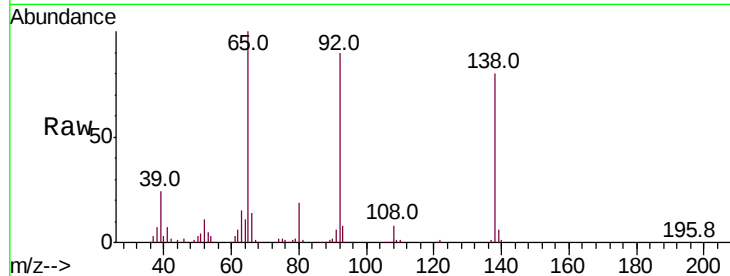
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	188298		
108	10.1	8.0	12.0	
92	112.0	91.0	136.6	

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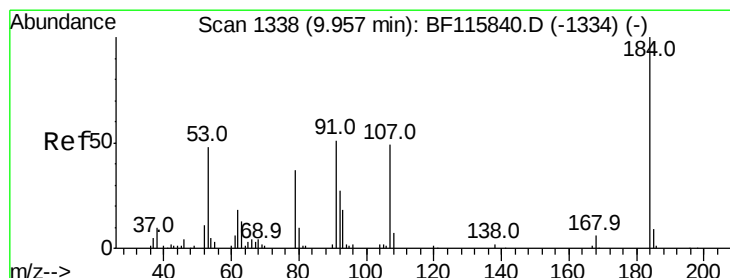
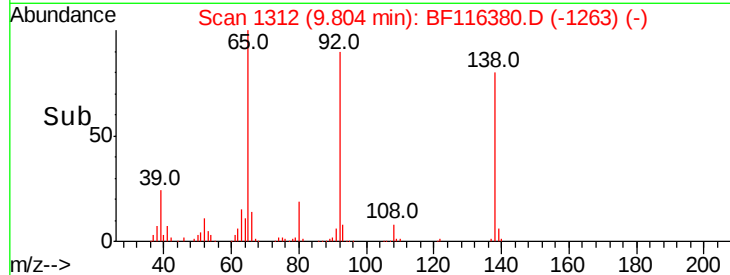
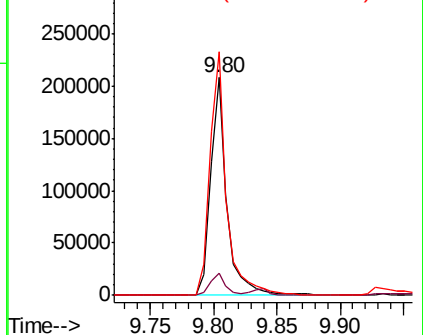


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 32.221 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

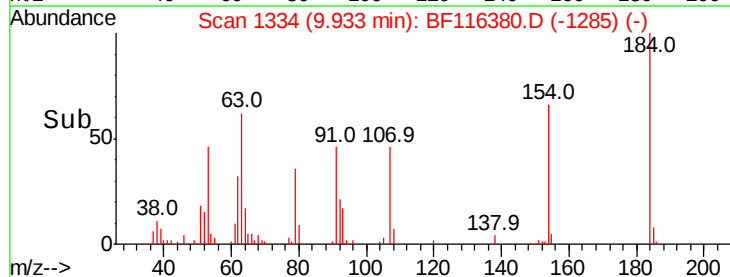
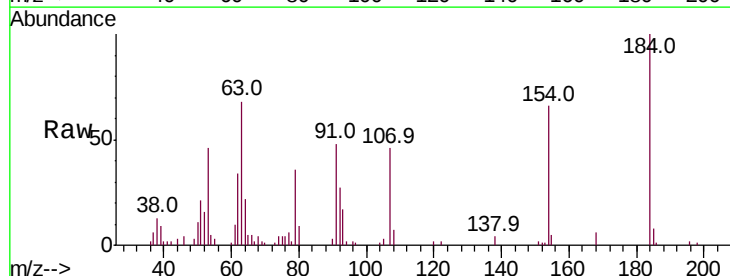
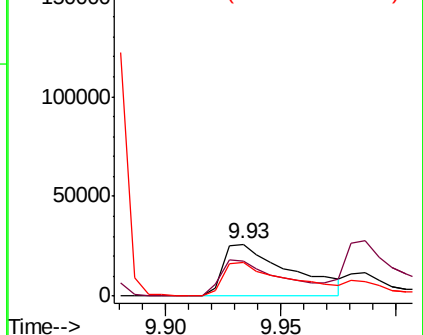
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	51790		
63	68.3	53.0	79.4	
154	65.8	50.1	75.1	

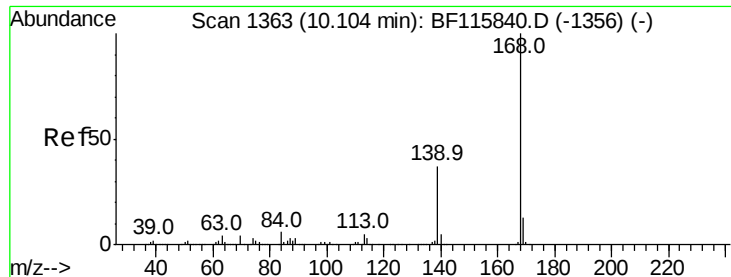
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55
Dibenzofuran
Concen: 40.878 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

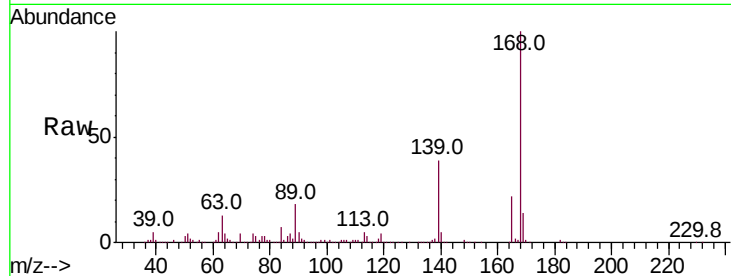
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.4	47.2
169	13.8	10.9	16.3

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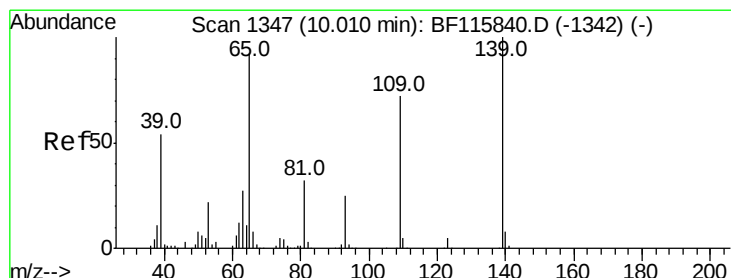
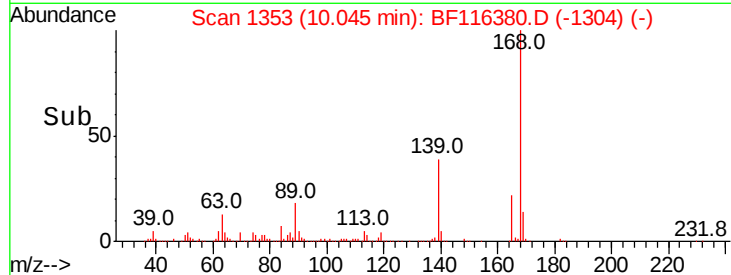
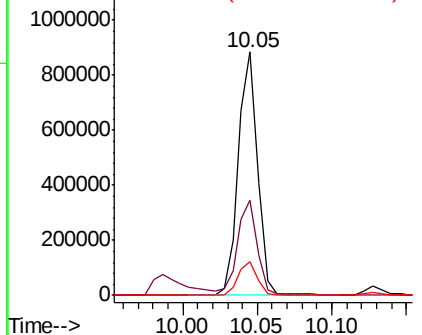


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 38.986 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

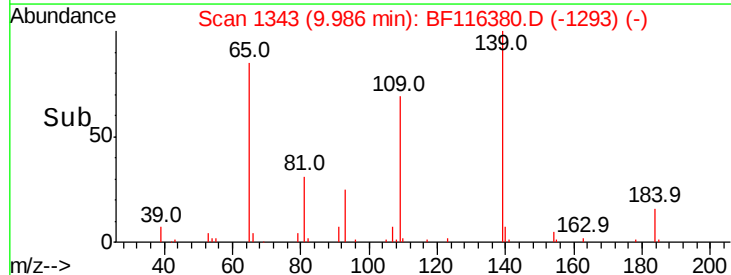
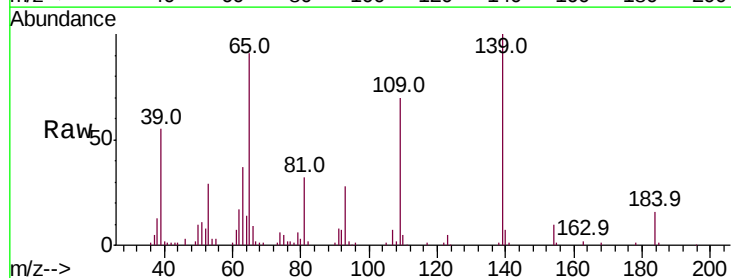
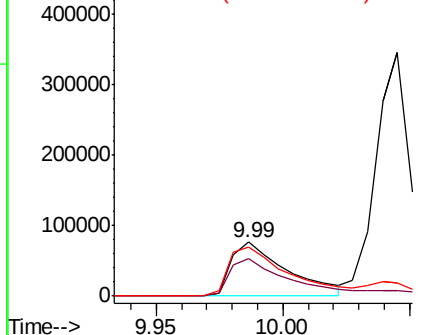
Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.2	54.4	94.4
65	91.5	80.6	120.6

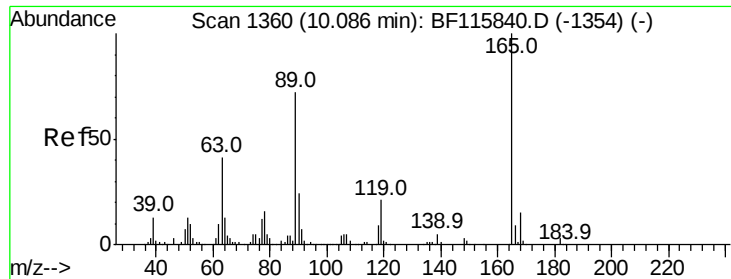
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.760 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

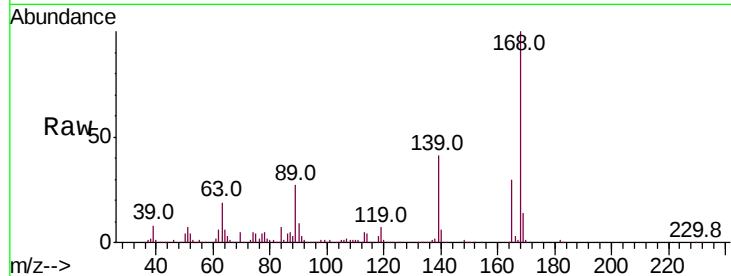
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		199271		
63	62.8	39.6	59.4#		
89	88.0	62.2	93.2		
182	2.5	2.1	3.1		

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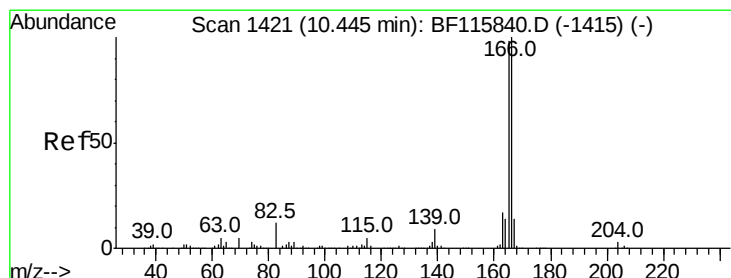
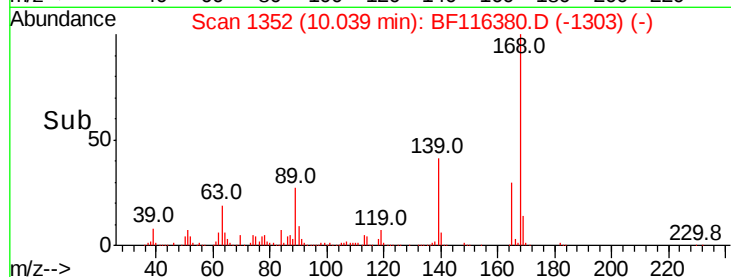
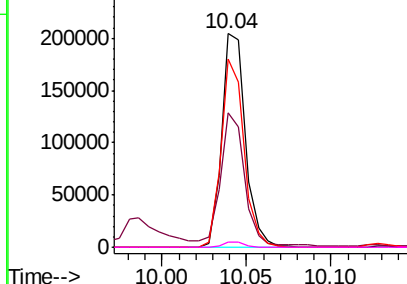
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.219 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

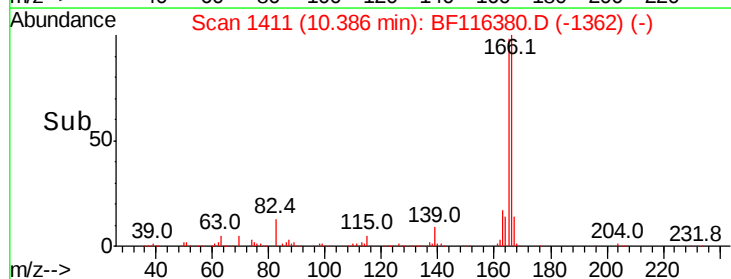
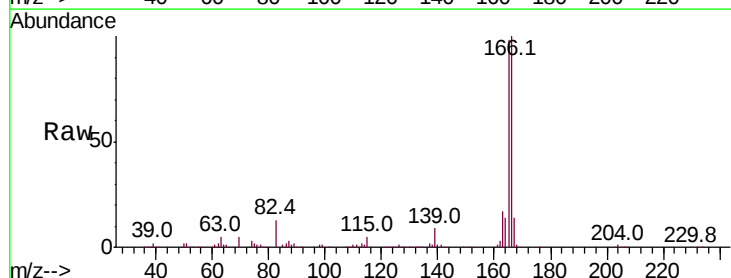
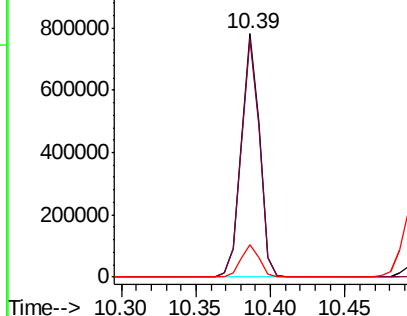
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		661925		
165	98.1	78.4	117.6		
167	13.6	11.0	16.4		

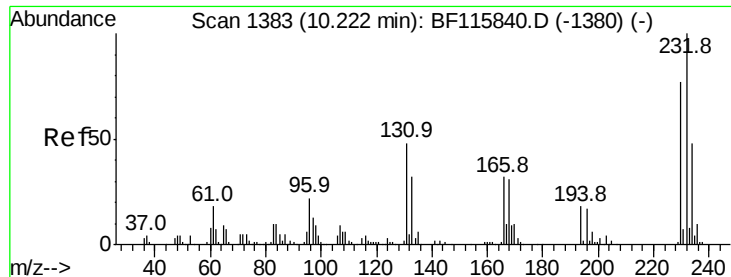
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 35.341 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 143878

Ion Ratio Lower Upper

232 100

131 51.1 36.2 54.2

130 2.4 1.9 2.9

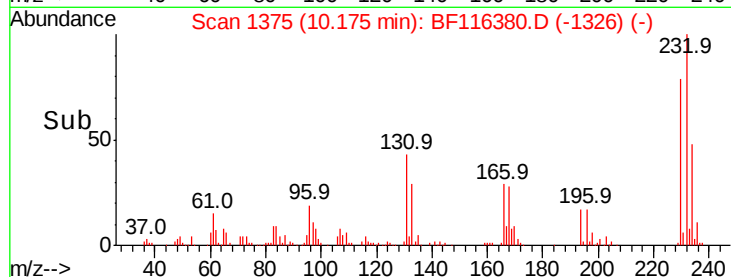
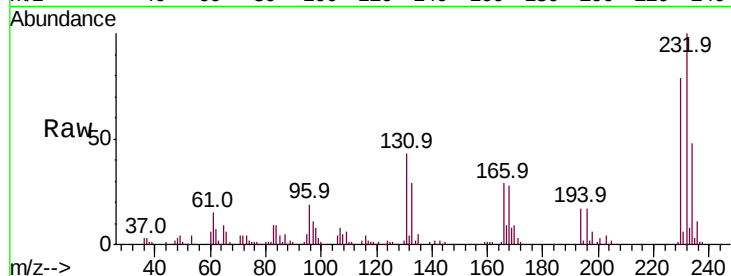
166 30.1 23.0 34.4

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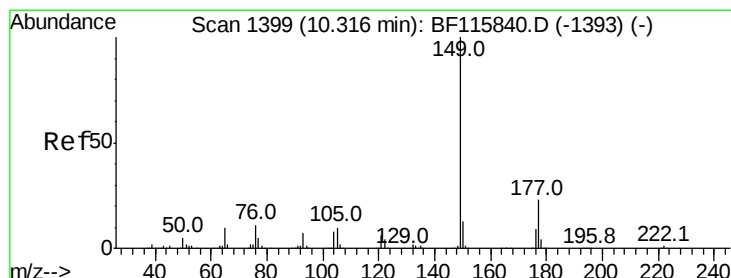
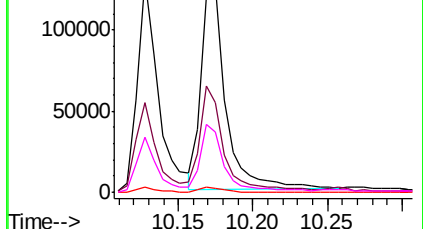


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.885 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

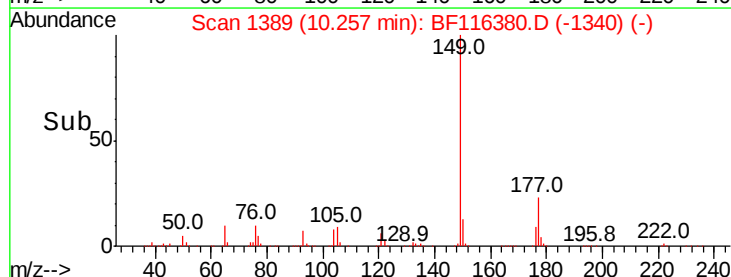
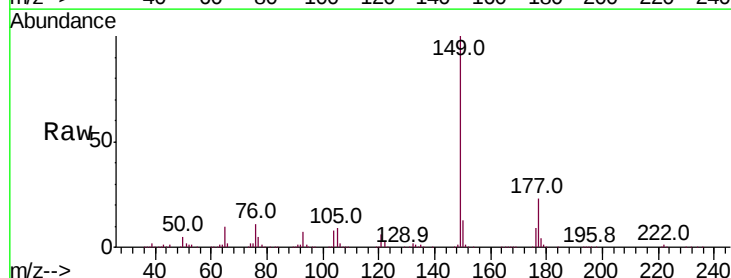
Tgt Ion:149 Resp: 709704

Ion Ratio Lower Upper

149 100

177 23.0 18.8 28.2

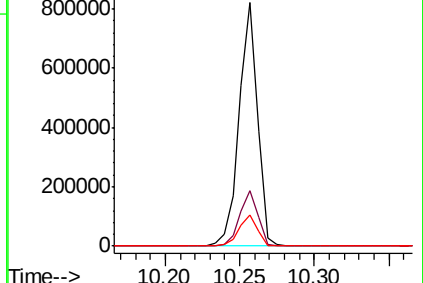
150 12.6 10.2 15.4

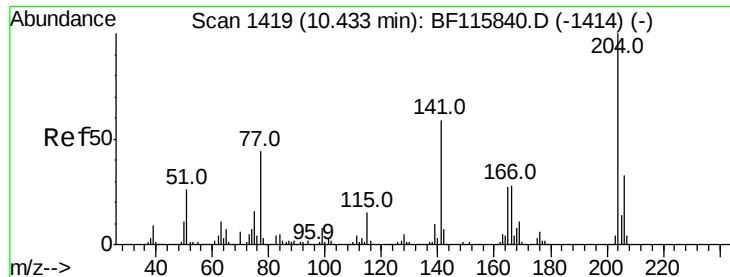


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61
4-Chlorophenyl-phenylether
Concen: 44.486 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

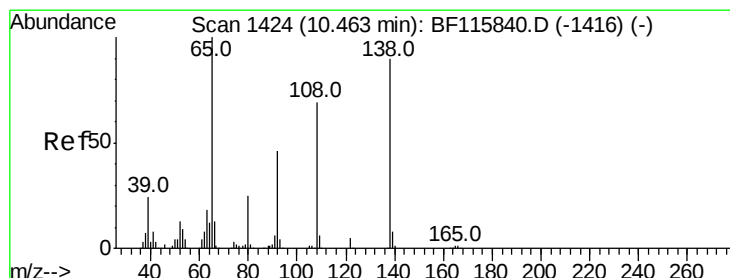
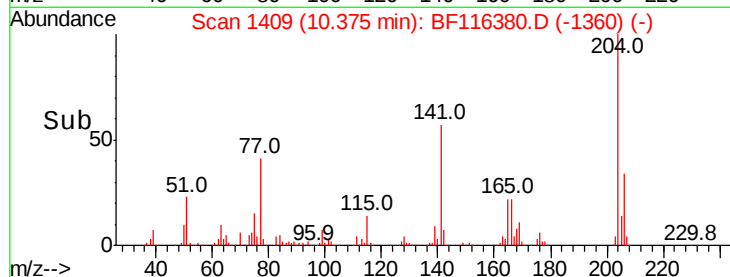
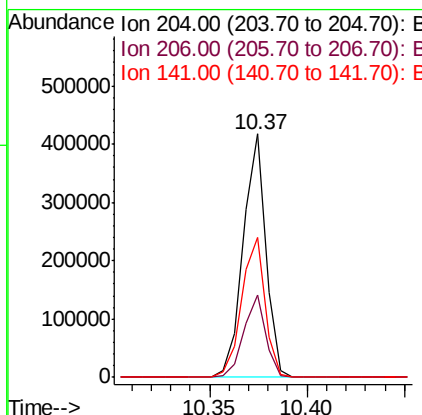
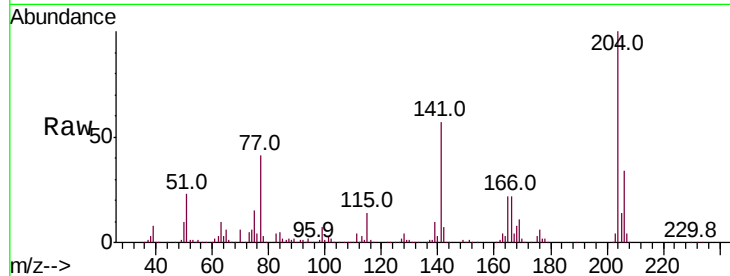
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.4	39.6
141	57.3	46.4	69.6

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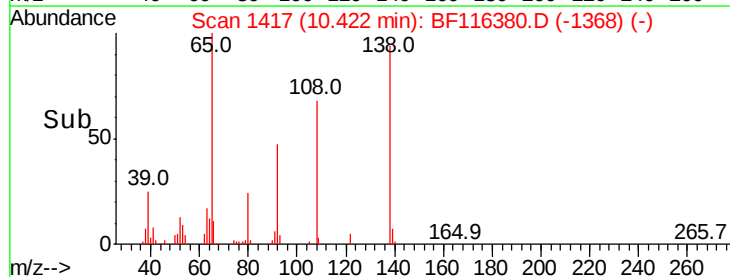
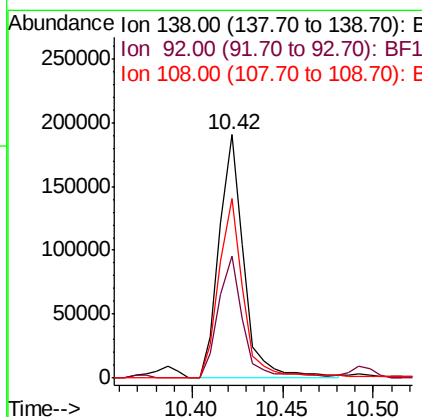
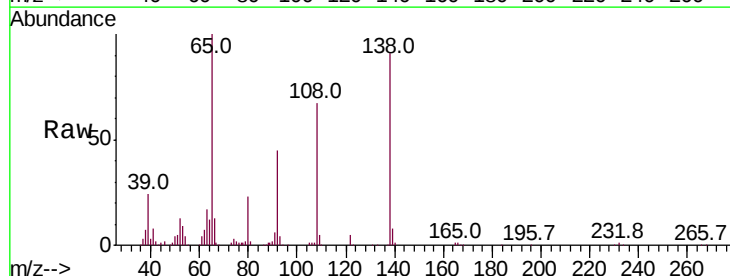
mohammad

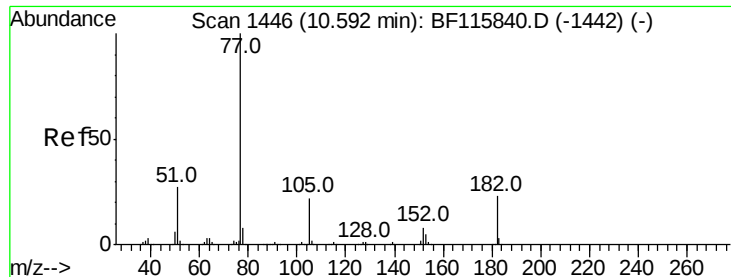
8/22/2019 12:44:54 PM



#62
4-Nitroaniline
Concen: 37.001 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.0	69.0
108	73.7	54.7	94.7





#63
Azobenzene
Concen: 43.647 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

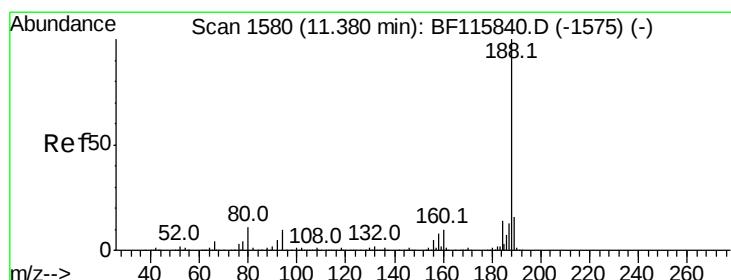
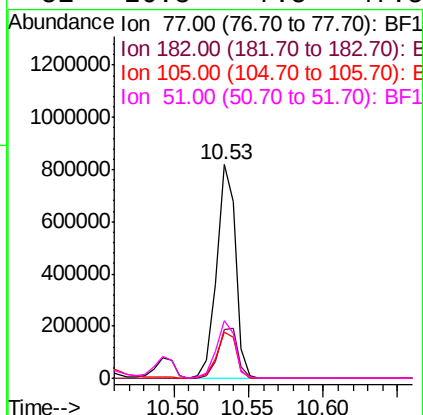
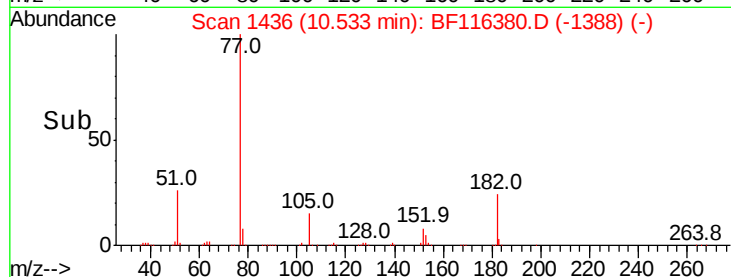
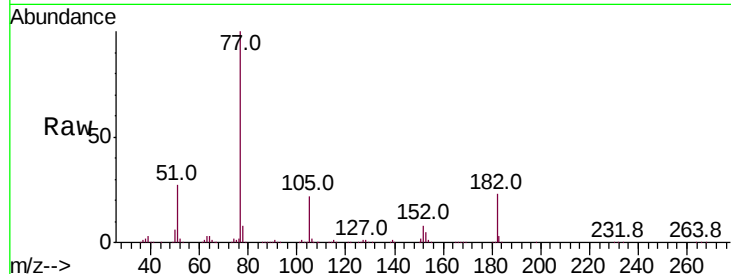
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.9	4.0	44.0
105	21.7	2.0	42.0
51	26.8	7.5	47.5

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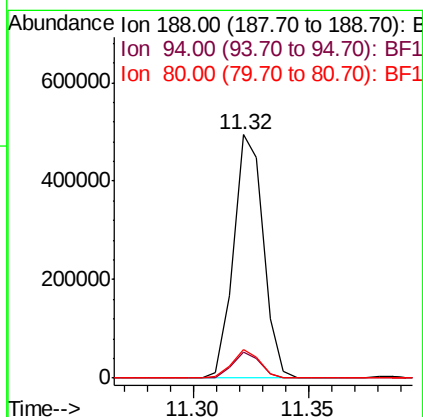
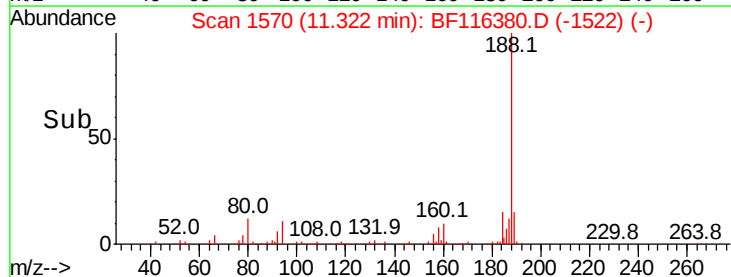
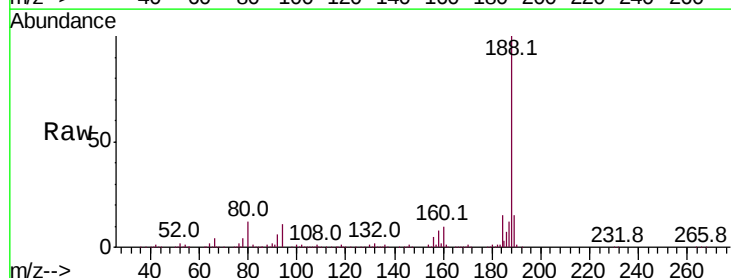
mohammad

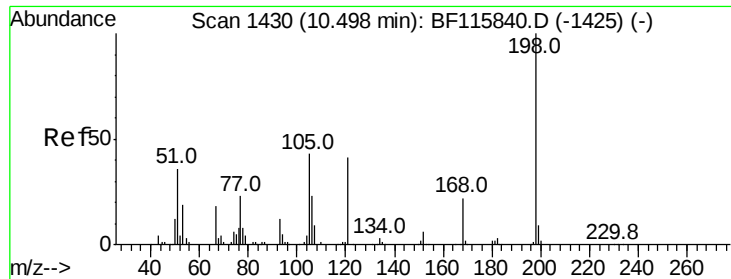
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.1	12.1
80	11.6	8.7	13.1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.953 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 96534

Ion Ratio Lower Upper

198 100

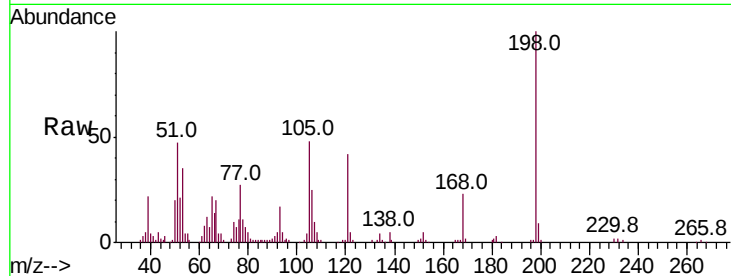
51 46.5 17.0 57.0

105 47.9 21.6 61.6

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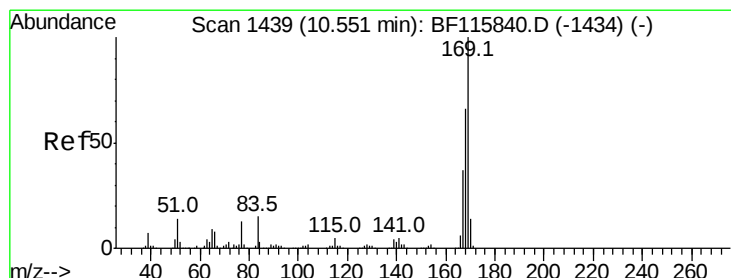
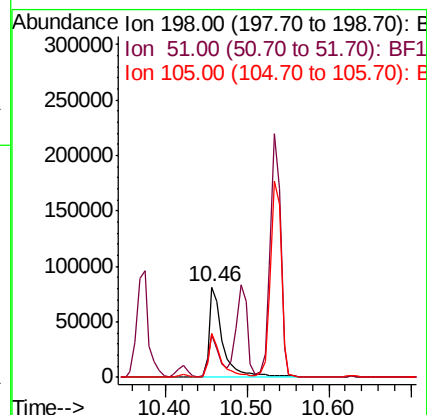
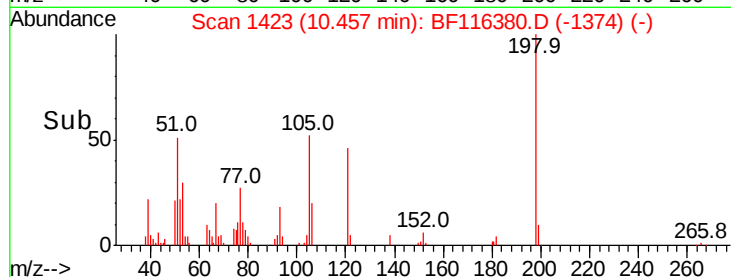
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.667 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

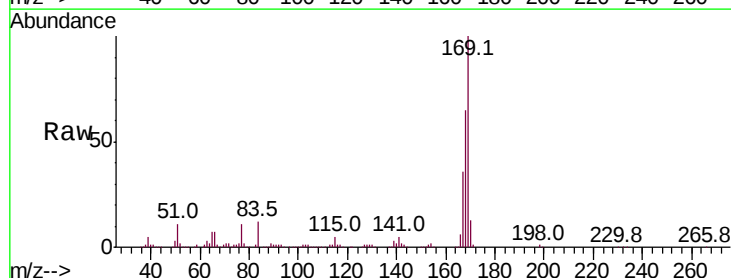
Tgt Ion:169 Resp: 584625

Ion Ratio Lower Upper

169 100

168 64.9 53.8 80.6

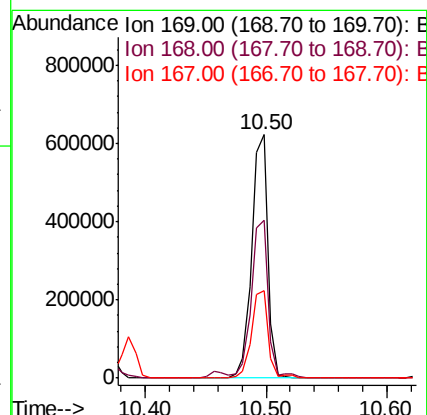
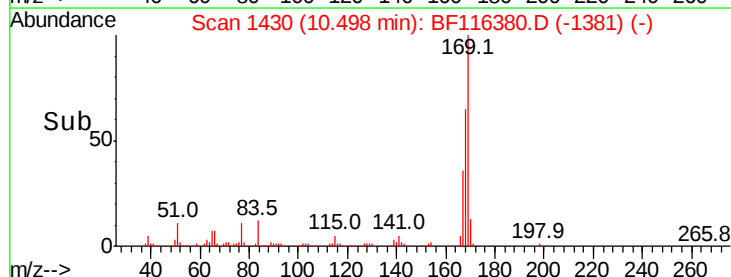
167 36.1 29.6 44.4

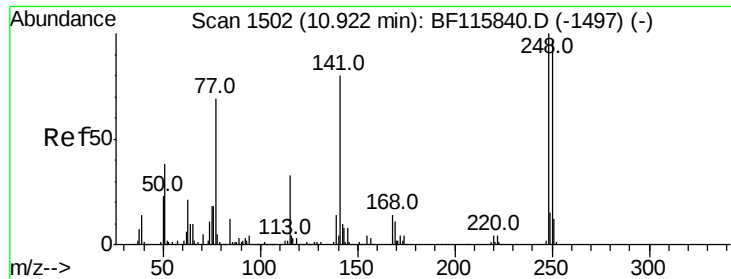


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67
4-Bromophenyl-phenylether
Concen: 43.310 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

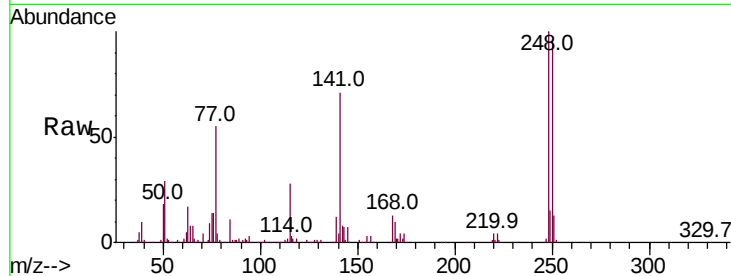
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.2
141	70.9	56.8	85.2

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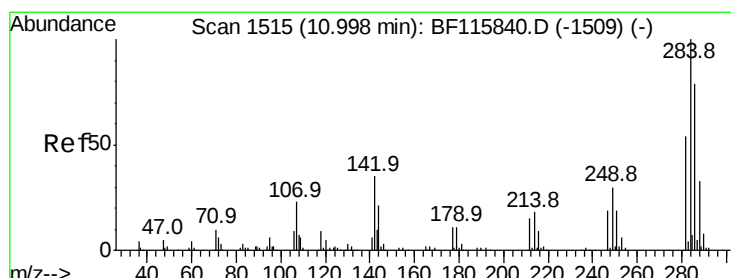
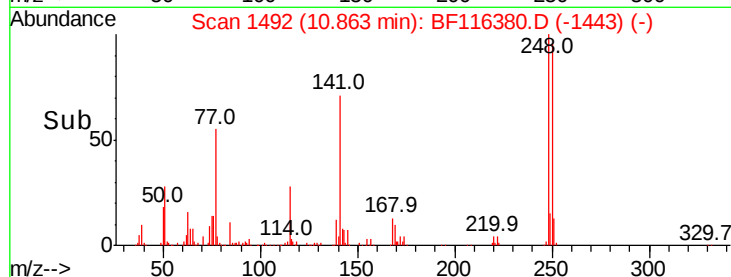
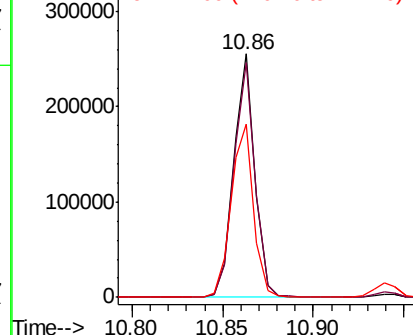


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.641 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

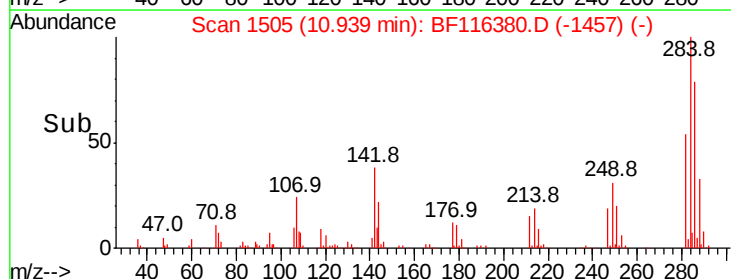
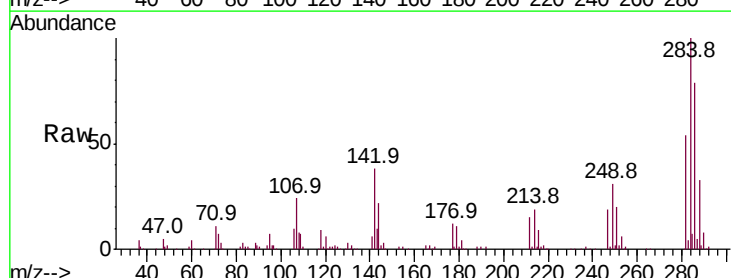
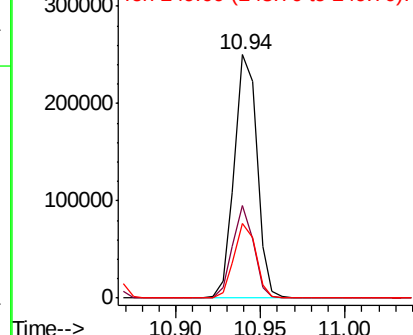
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	28.4	42.6
249	30.6	24.5	36.7

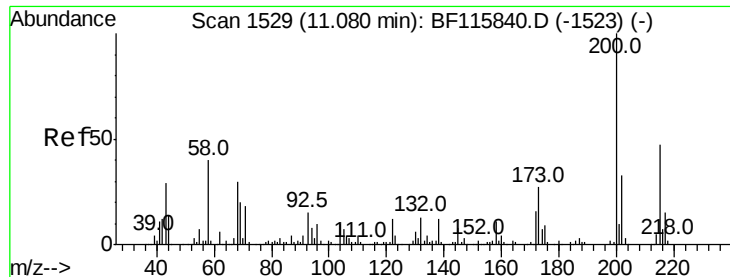
Abundance

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: 33.513 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampled :

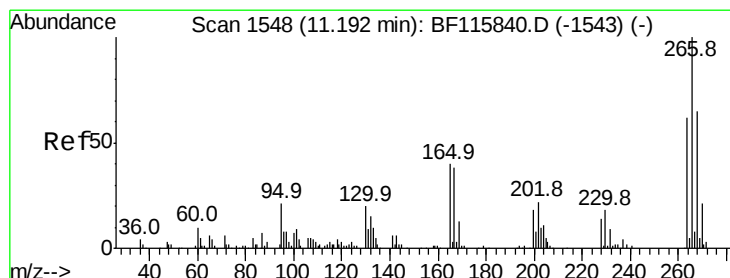
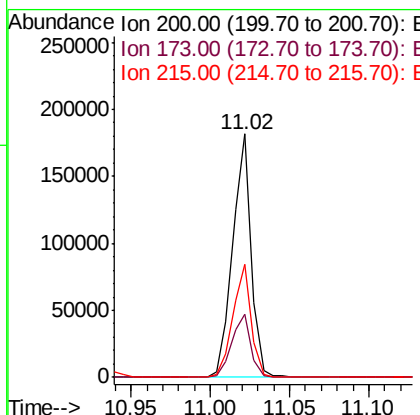
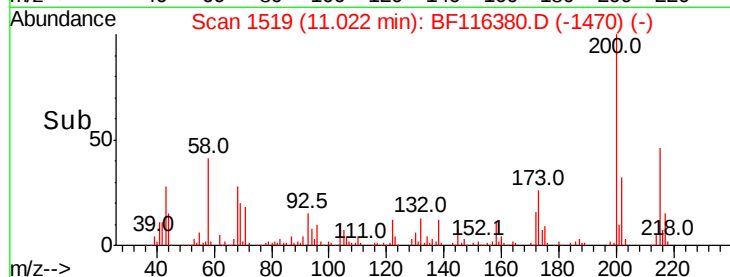
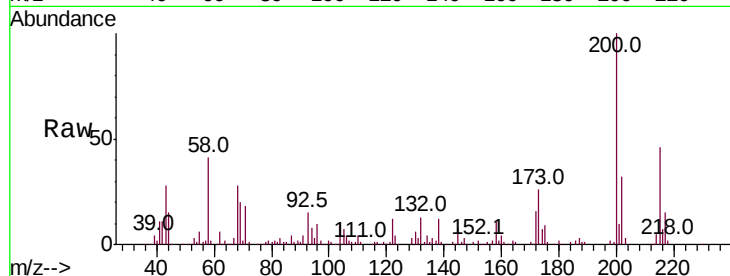
SSTDCCC040

Tot Ion:	200	Resp:	147608
Ion Ratio	Lower	Upper	
200	100		
173	25.9	6.8	46.8
215	46.3	27.5	67.5

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#70

Pentachlorophenol

Concen: 36.191 ng

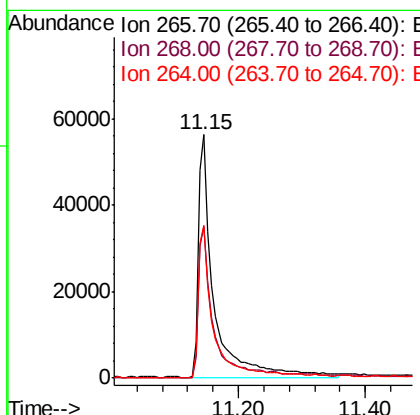
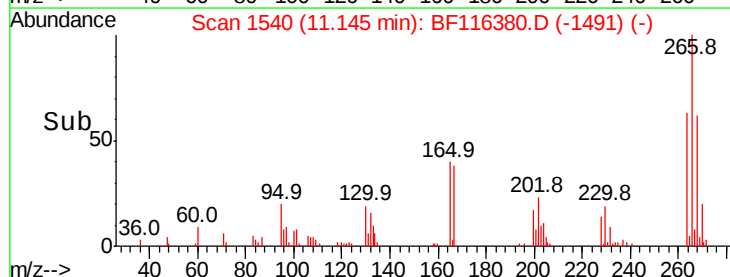
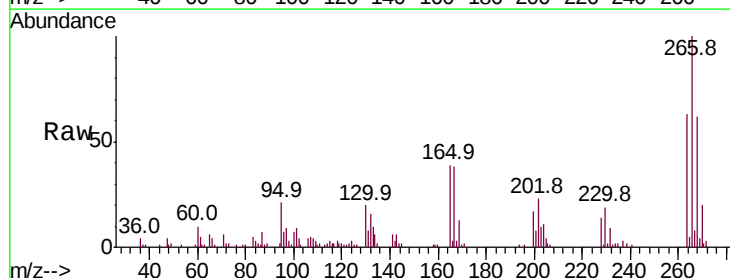
RT: 11.15 min Scan# 1540

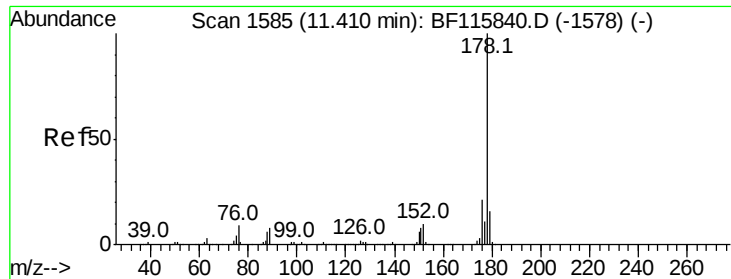
Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Tgt Ion:	266	Resp:	96745
Ion Ratio	Lower	Upper	
266	100		
268	62.2	48.8	73.2
264	63.0	50.6	76.0





#71

Phenanthrene

Concen: 43.208 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampled :

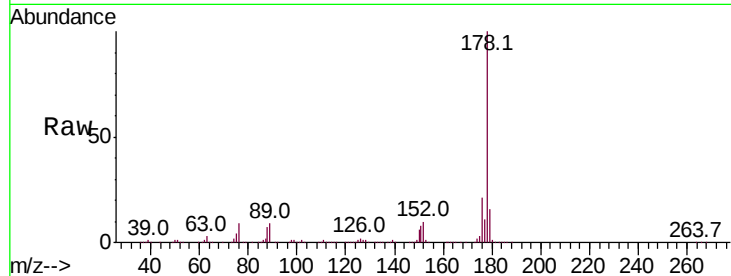
SSTDCCC040

Tot Ion:	178	Resp:	982543
Ion Ratio	Lower	Upper	
178	100		
176	20.6	16.6	24.8
179	15.7	12.5	18.7

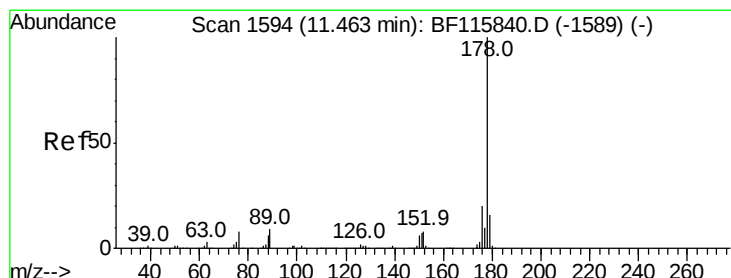
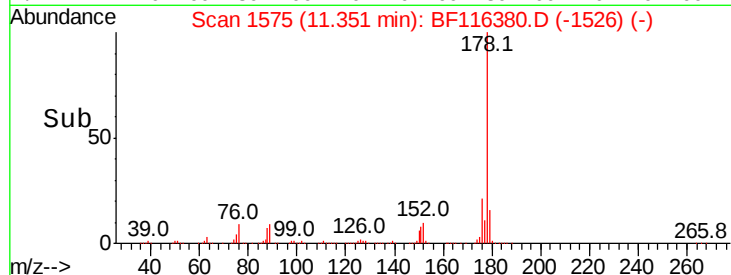
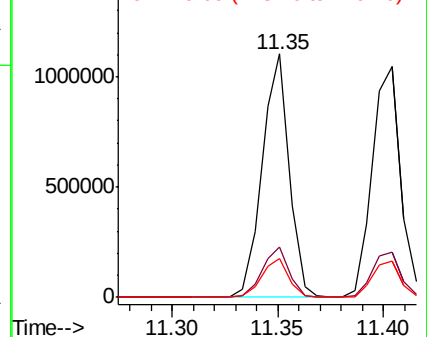
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Abundance Ion 178.00 (177.70 to 178.70): E
1500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.599 ng

RT: 11.40 min Scan# 1584

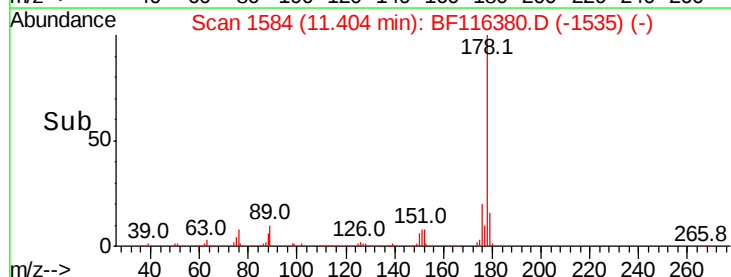
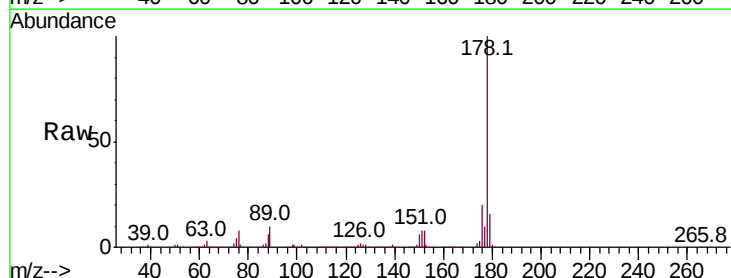
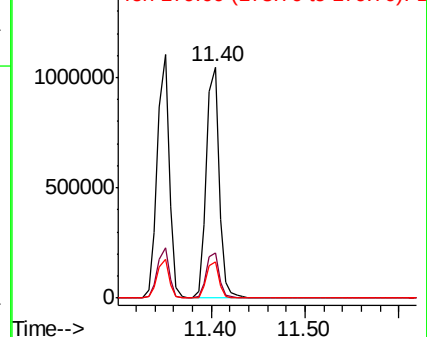
Delta R.T. -0.01 min

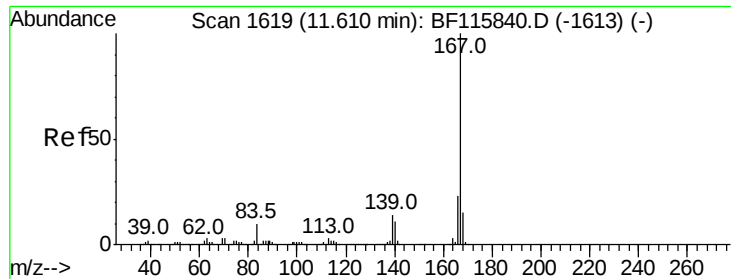
Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Tgt Ion:	178	Resp:	1003371
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.7	23.5
179	15.5	13.0	19.6

Abundance Ion 178.00 (177.70 to 178.70): E
1500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 43.512 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

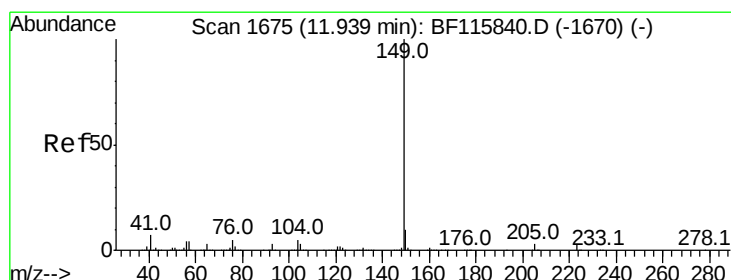
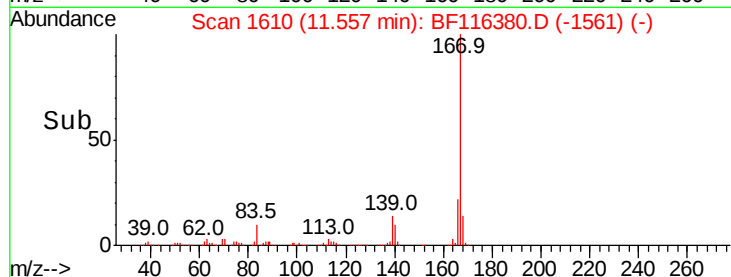
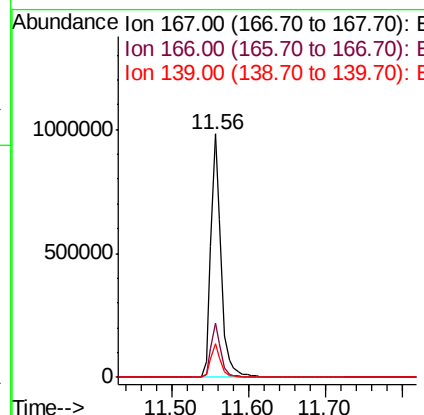
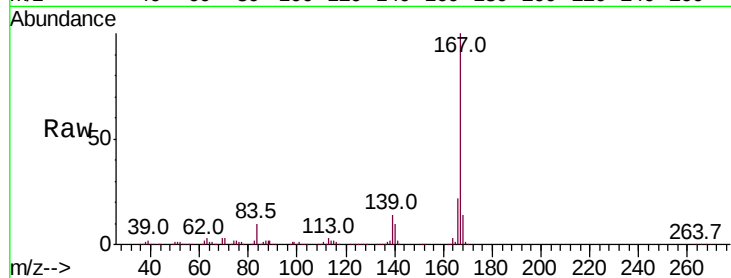
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	14.1	11.4	17.0

Manual Integrations
 APPROVED

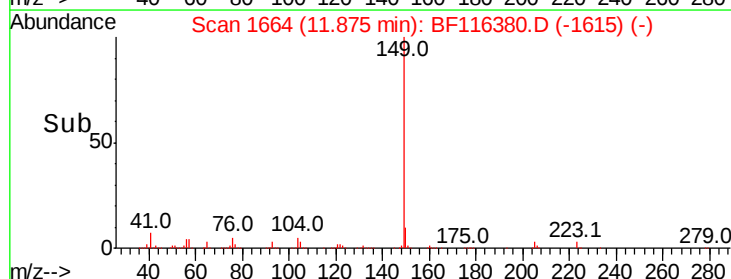
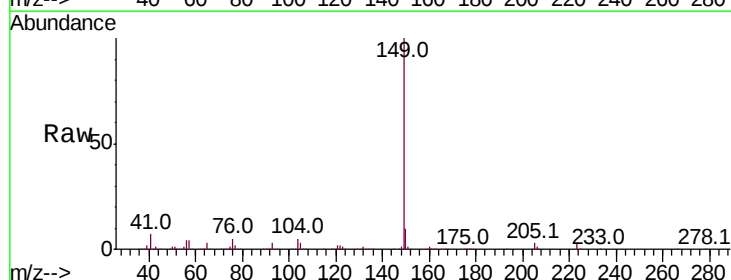
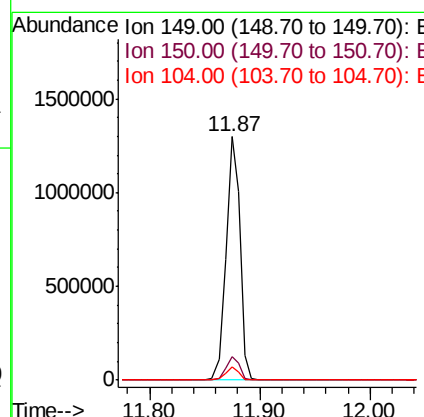
mohammad

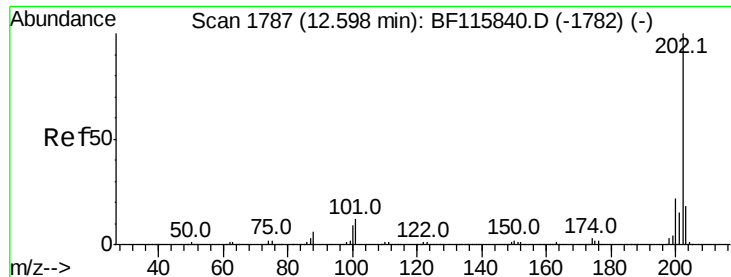
8/22/2019 12:44:54 PM



#74
 Di-n-butylphthalate
 Concen: 46.693 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.3	4.5	6.7





#75
Fluoranthene
 Concen: 43.140 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

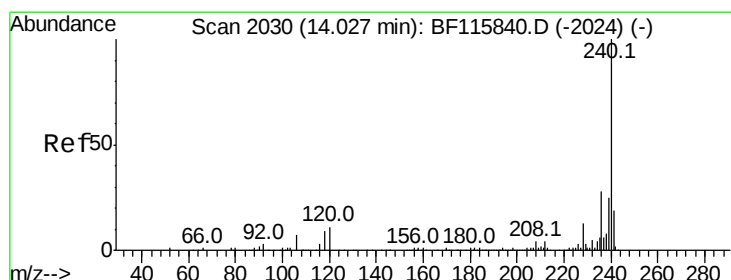
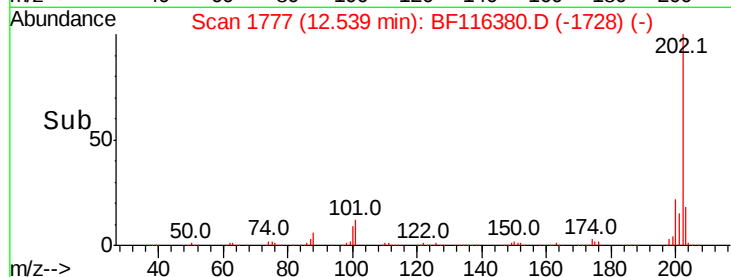
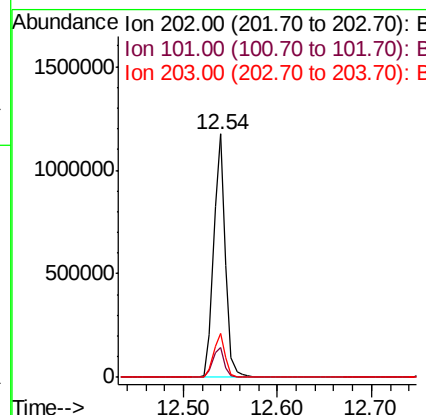
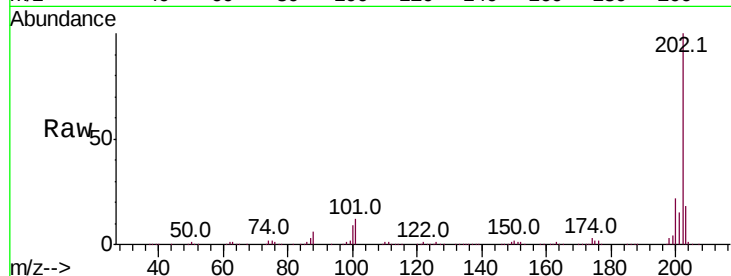
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.2
203	17.9	0.0	37.8

Manual Integrations
 APPROVED

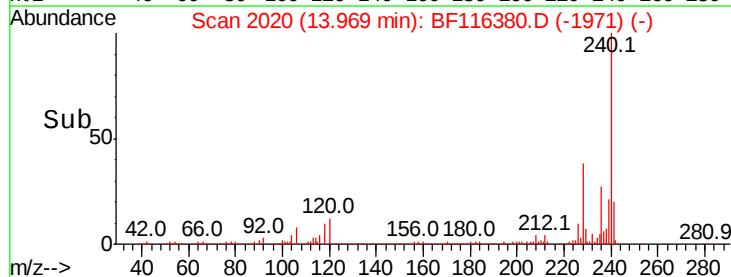
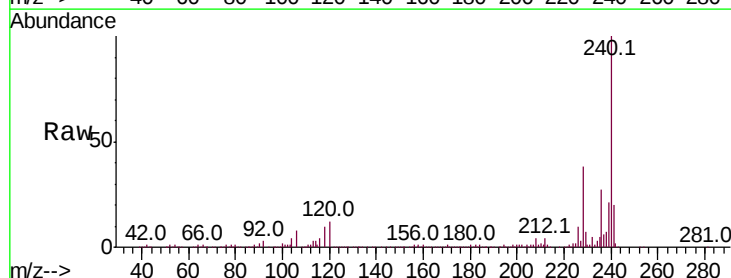
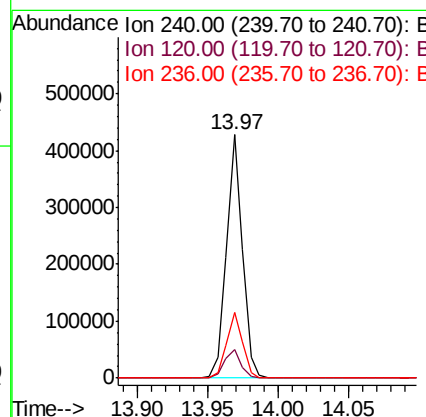
mohammad

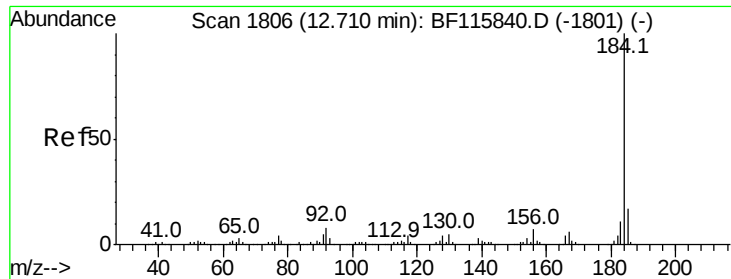
8/22/2019 12:44:54 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.7	16.1
236	27.2	22.2	33.2





#77

Benzidine

Concen: 39.306 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 447598

Ion Ratio Lower Upper

184 100

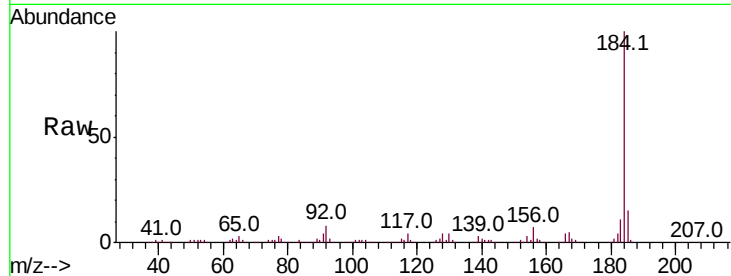
185 15.4 12.8 19.2

183 11.2 9.4 14.0

Manual Integrations
APPROVED

mohammad

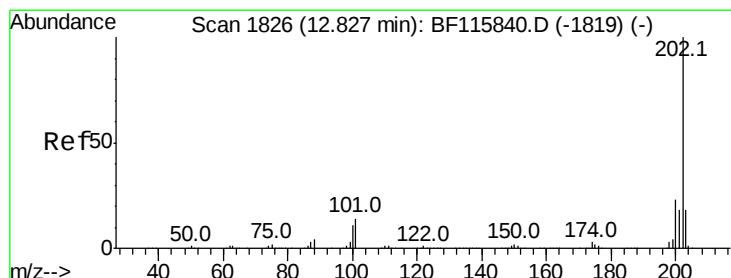
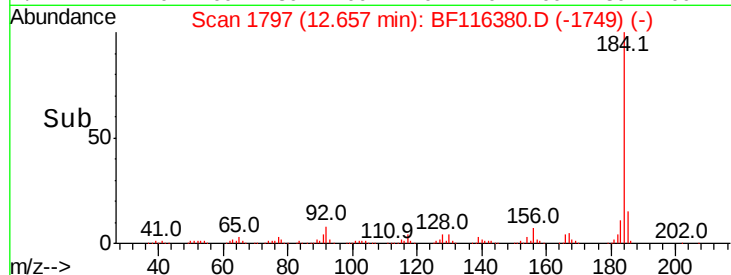
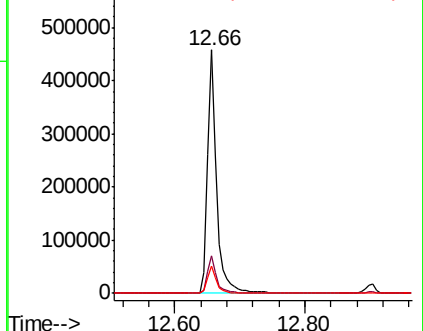
8/22/2019 12:44:54 PM



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: 40.980 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116380.D

Acq: 19 Aug 2019 9:24

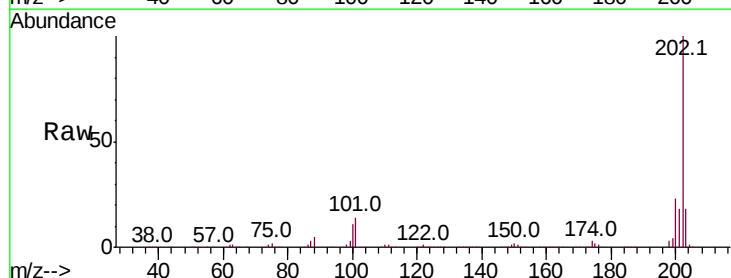
Tgt Ion:202 Resp: 1041246

Ion Ratio Lower Upper

202 100

200 23.2 18.0 27.0

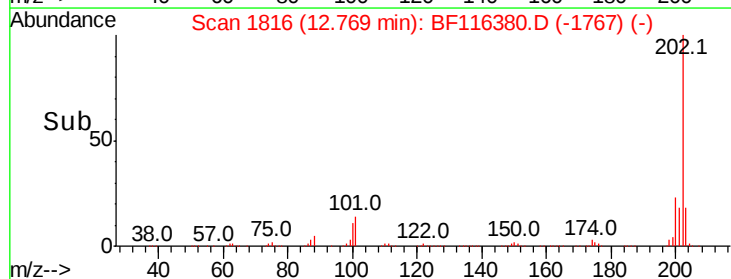
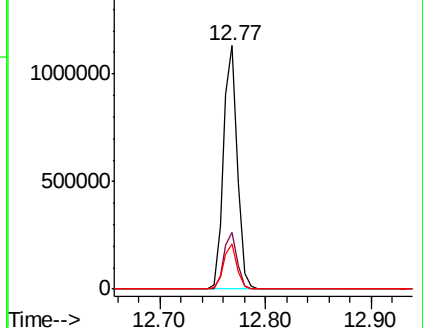
203 18.5 14.1 21.1

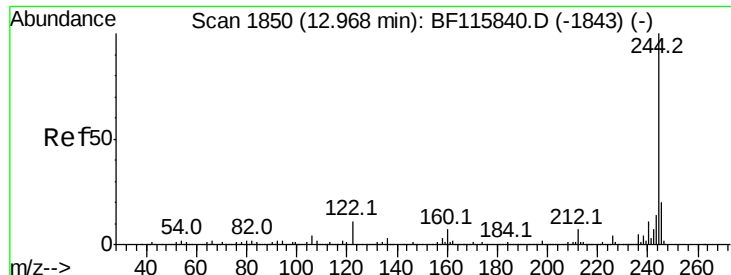


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 83.624 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

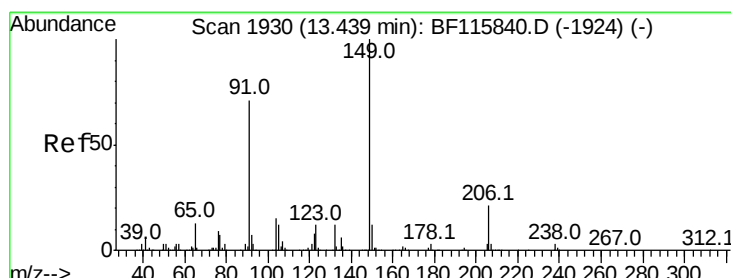
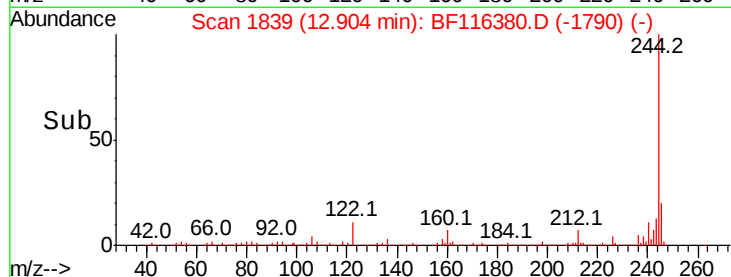
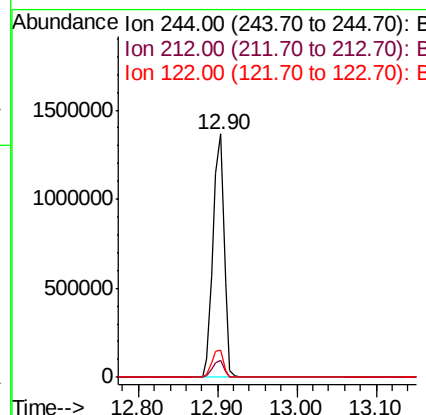
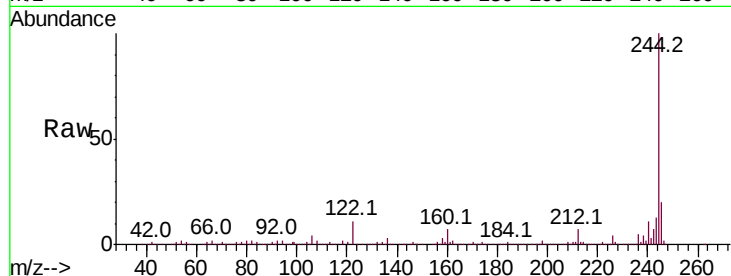
Tot Ion:244 Resp: 1337677

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.2	9.0	13.4

Manual Integrations
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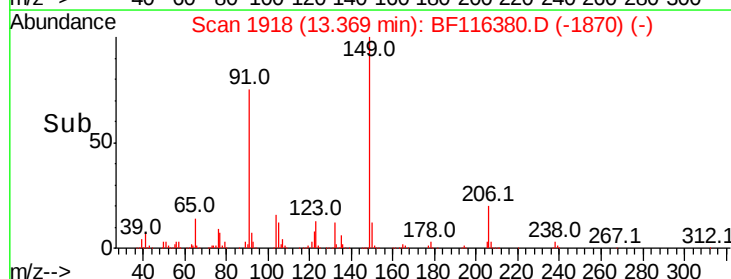
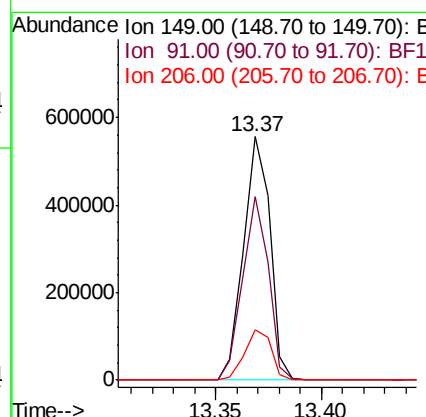
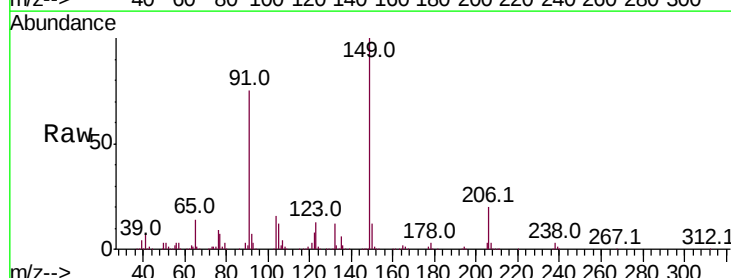
8/22/2019 12:44:54 PM

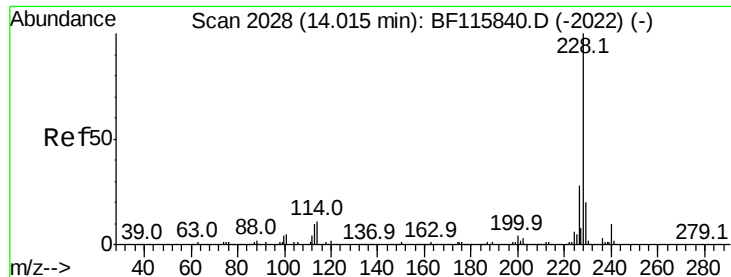


#80
 Butylbenzylphthalate
 Concen: 44.881 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BF116380.D
 Acq: 19 Aug 2019 9:24

Tgt Ion:149 Resp: 482387

Ion	Ratio	Lower	Upper
149	100		
91	75.4	56.3	84.5
206	20.4	18.0	27.0





#81
Benzo(a)anthracene
Concen: 42.646 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

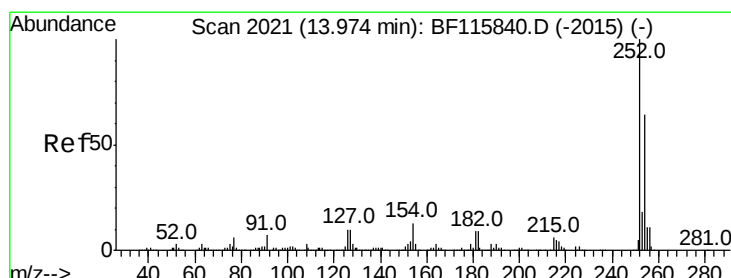
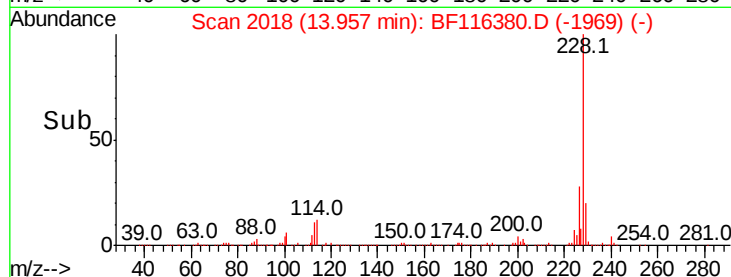
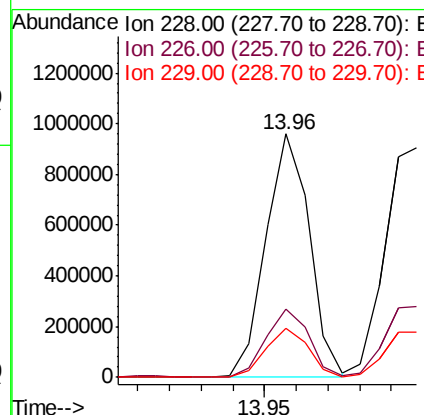
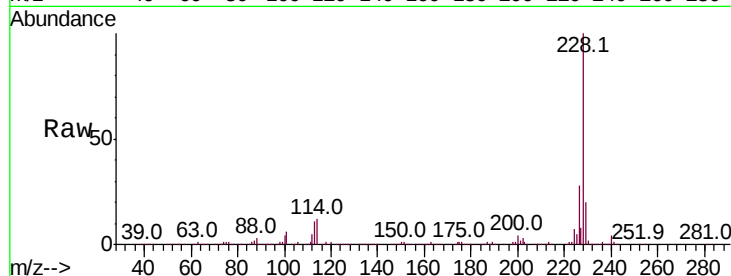
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.4	16.2	24.4

Manual Integrations
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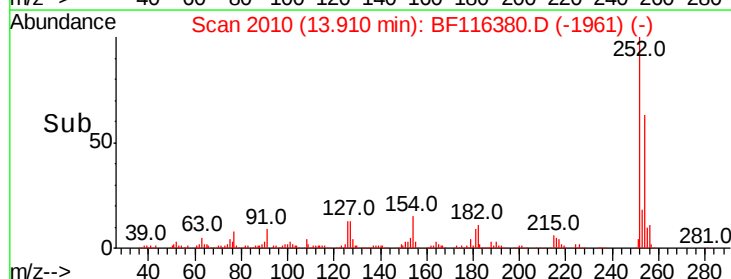
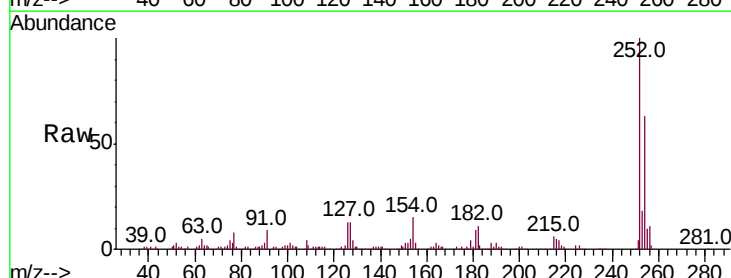
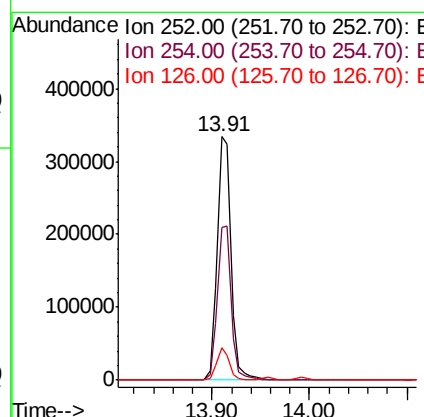
mohammad

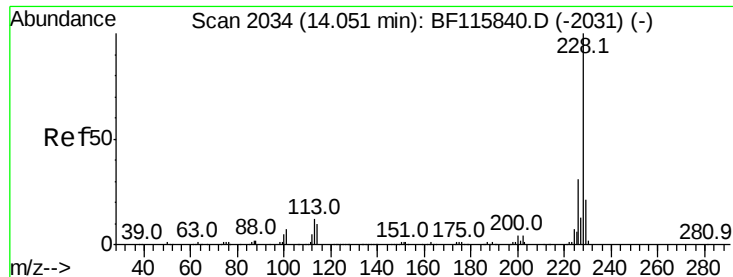
8/22/2019 12:44:54 PM



#82
3,3'-Dichlorobenzidine
Concen: 43.791 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.9	76.3
126	13.2	9.8	14.8





#83
Chrysene
Concen: 42.778 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

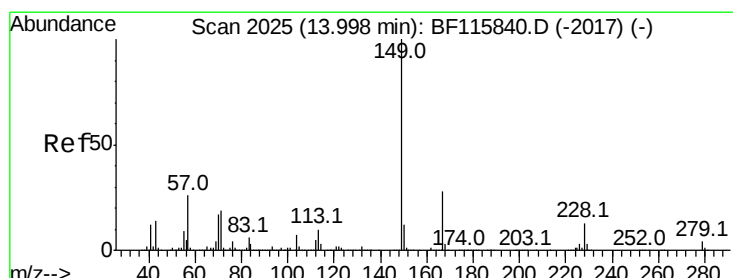
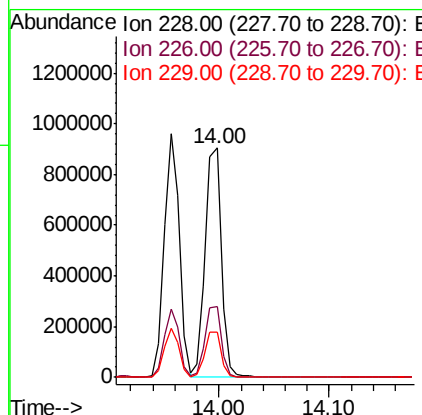
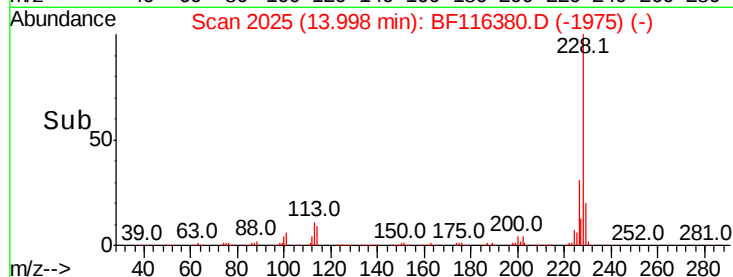
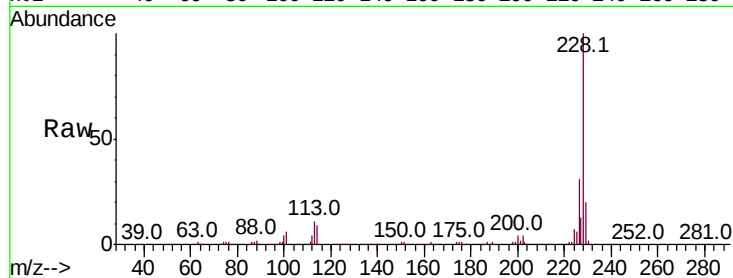
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	20.0	16.6	24.8

Manual Integrations
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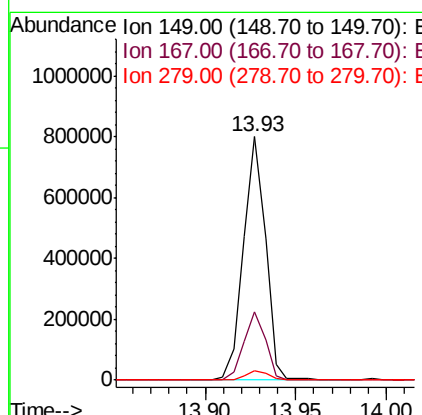
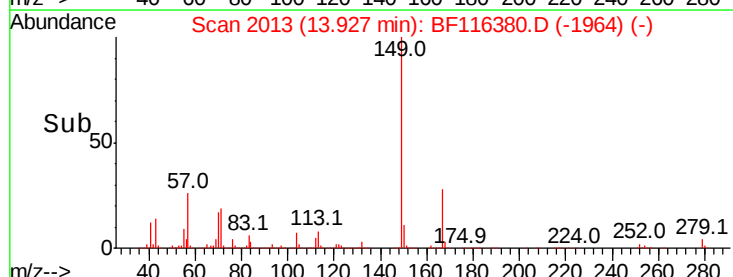
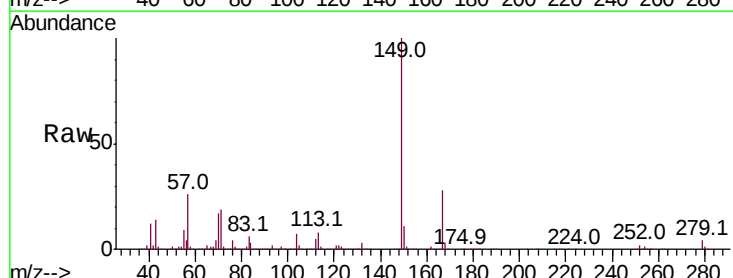
mohammad

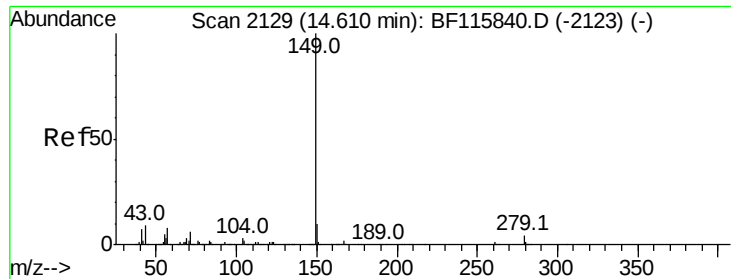
8/22/2019 12:44:54 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.441 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.6	32.4
279	4.1	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 48.253 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

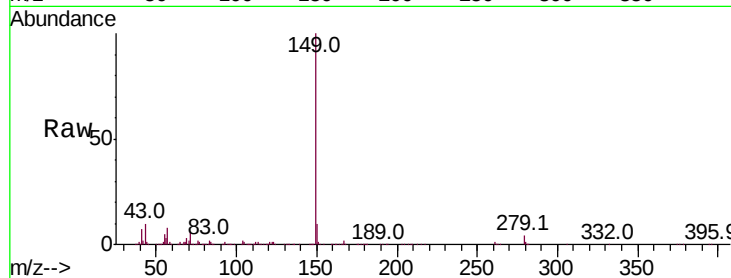
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.2	7.5	11.3

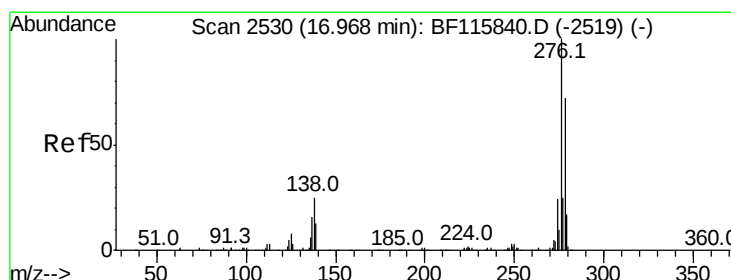
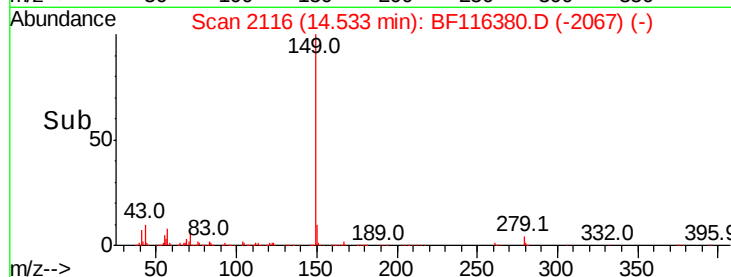
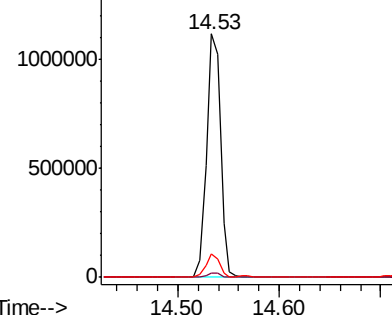
Manual Integrations
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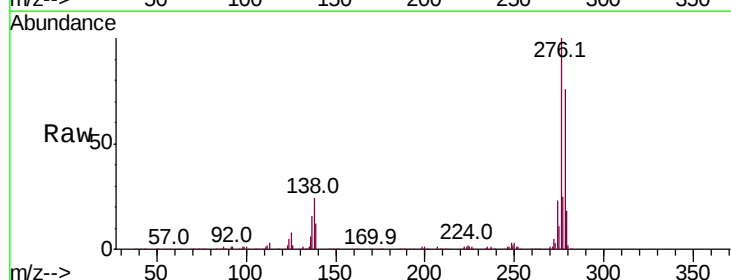


Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

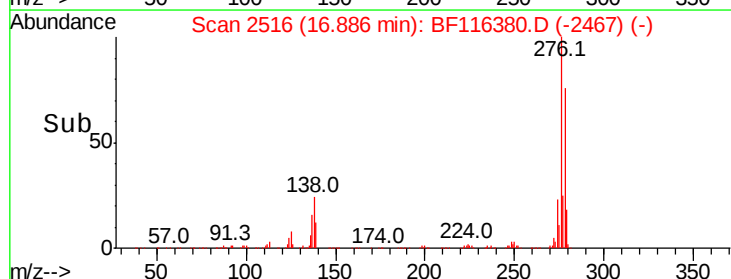
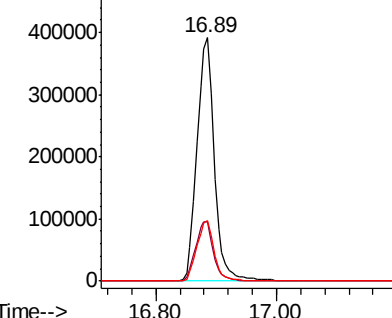


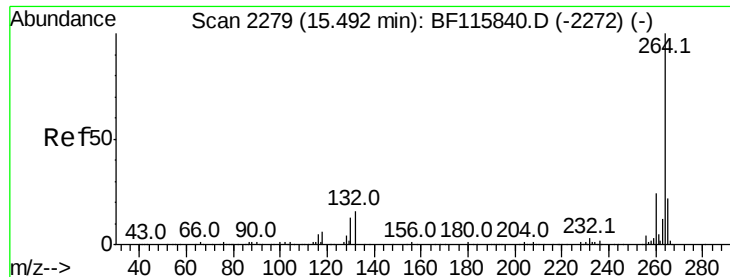
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.460 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.4	30.6
277	24.8	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
500000 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: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

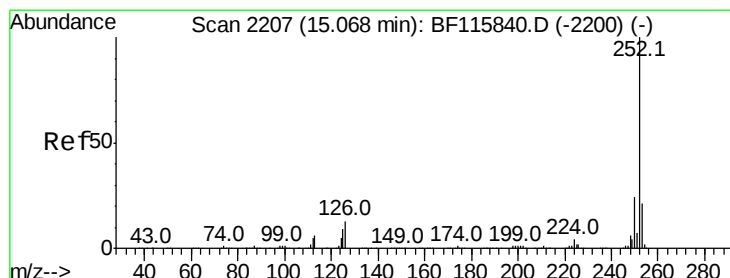
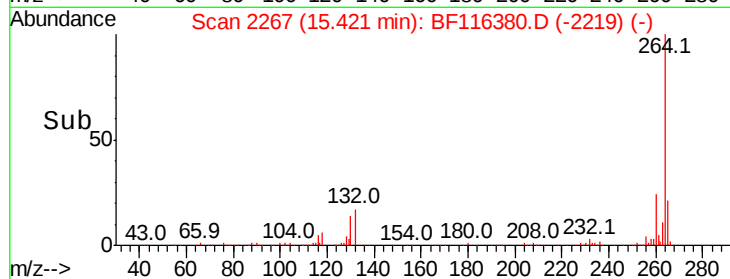
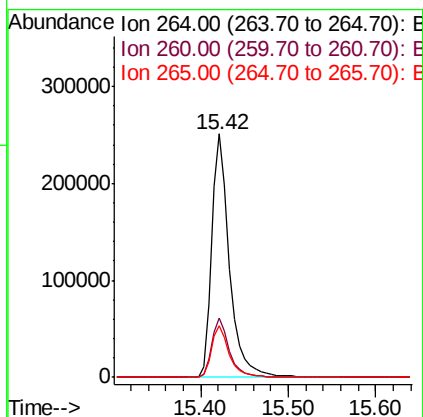
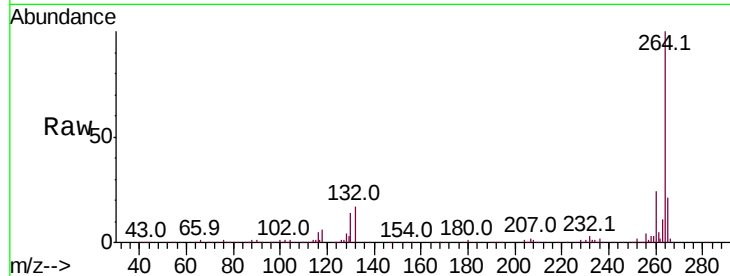
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.4	17.4	26.0

Manual Integrations
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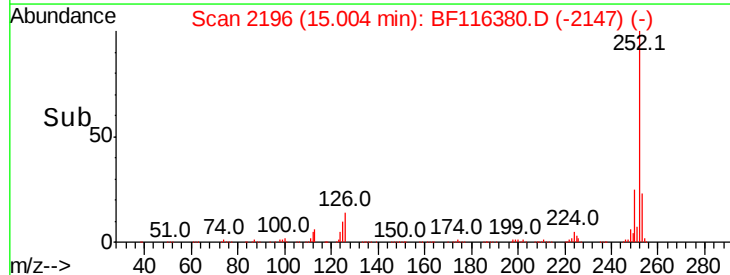
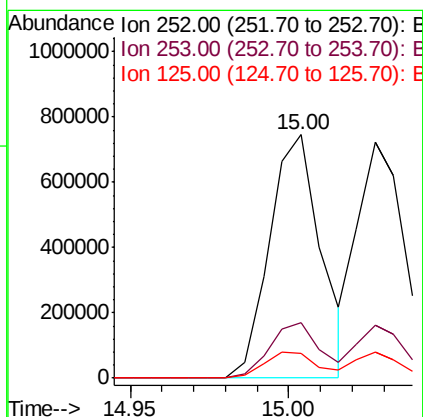
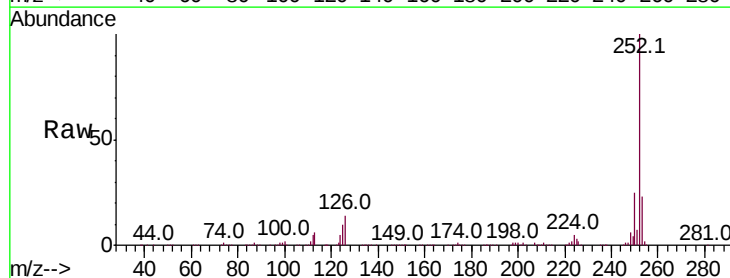
mohammad

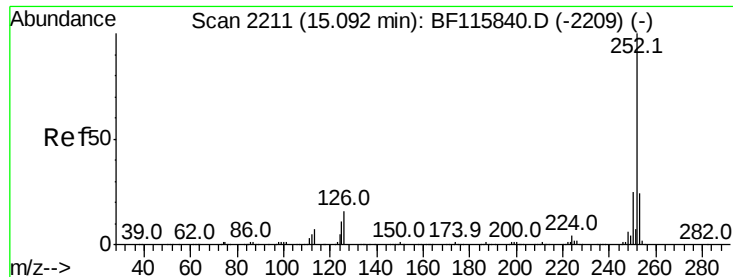
8/22/2019 12:44:54 PM



#88
Benzo(b)fluoranthene
Concen: 41.482 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.1	8.4	12.6





#89
Benzo(k)fluoranthene
Concen: 39.900 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

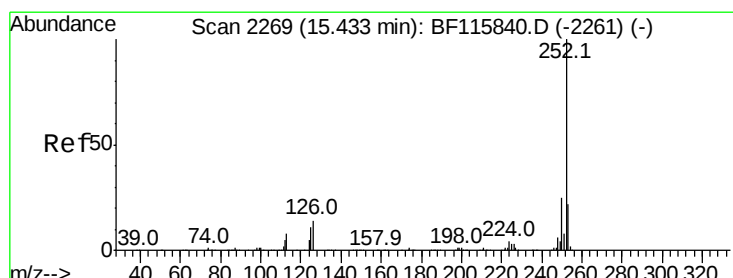
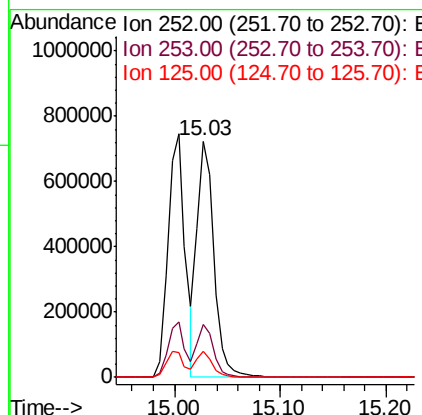
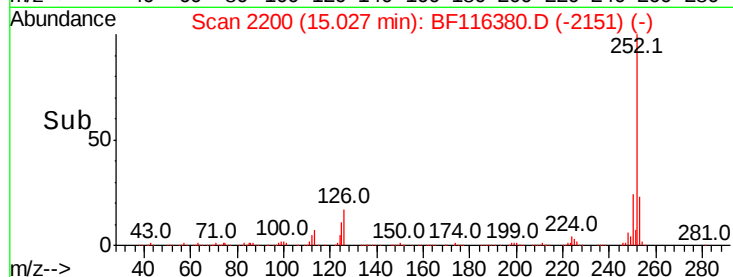
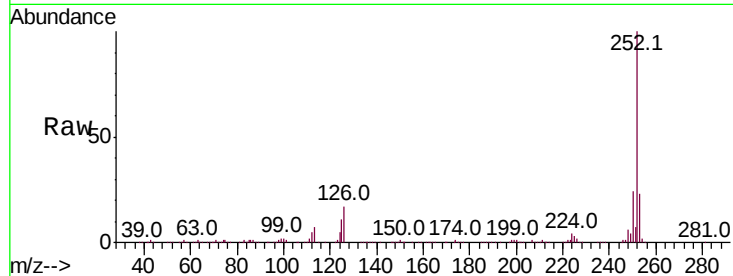
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.0	7.7	11.5

Manual Integrations
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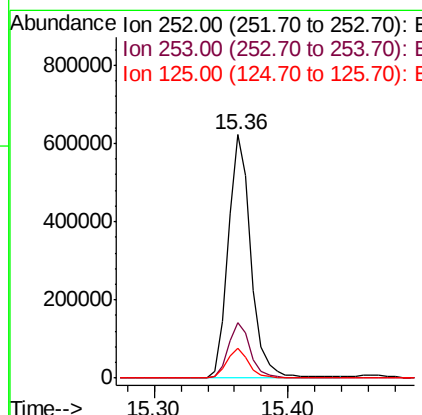
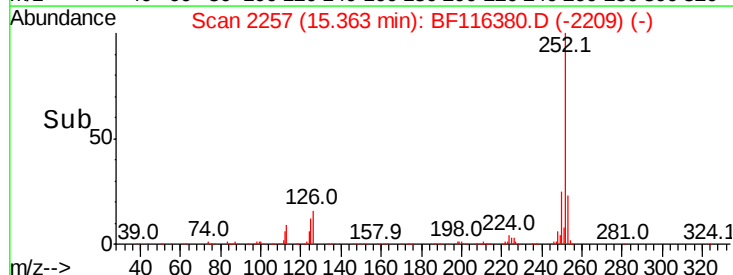
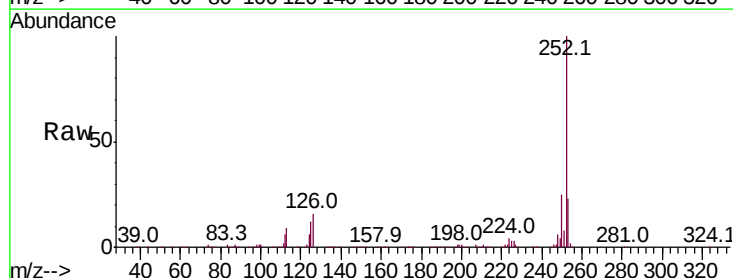
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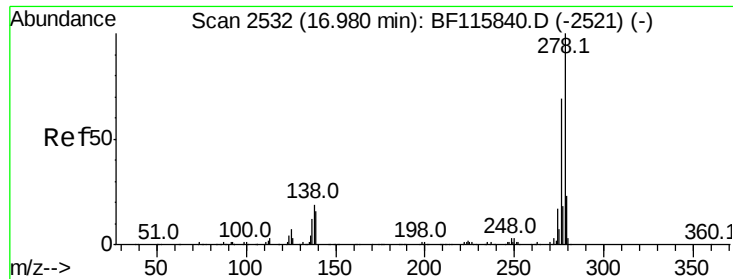
8/22/2019 12:44:54 PM



#90
Benzo(a)pyrene
Concen: 41.020 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.0	8.9	13.3





#91
Dibenzo(a,h)anthracene
Concen: 40.858 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

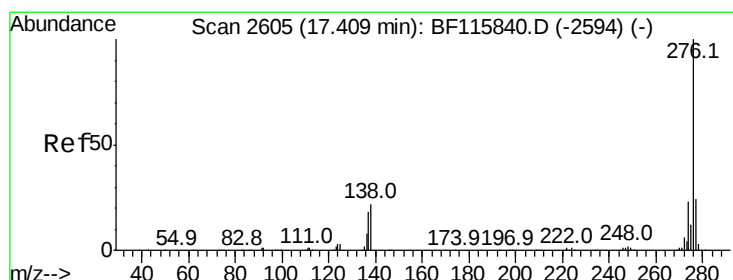
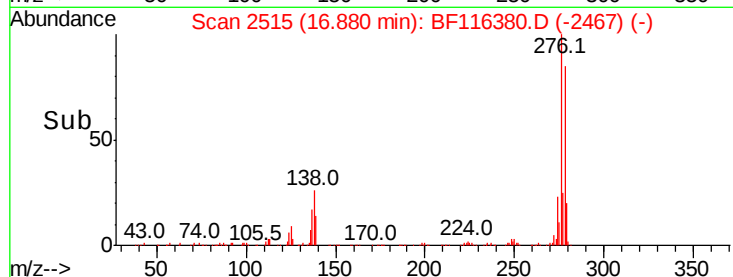
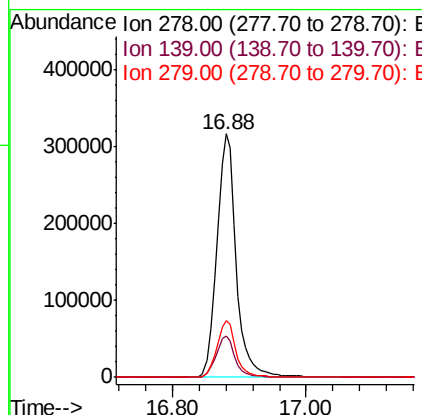
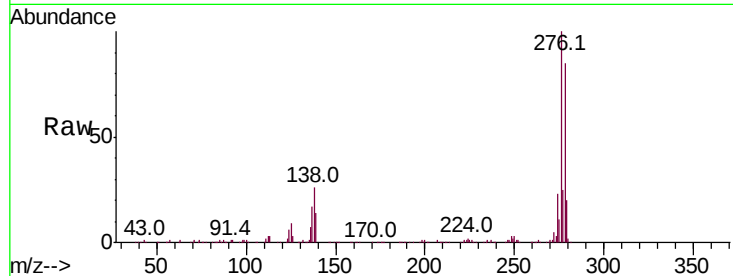
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	23.1	18.8	28.2

Manual Integrations
APPROVED

mohammad

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#92
Benzo(g,h,i)perylene
Concen: 39.099 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.02 min
Lab File: BF116380.D
Acq: 19 Aug 2019 9:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	22.1	17.0	25.6

