

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114484.D
 Acq On : 22 May 2019 10:13
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/23/2019 4:07:32 AM

Quant Time: May 22 13:58:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	185849	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	750799	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	354881	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	718985	20.00	ng	0.00
76) Chrysene-d12	14.00	240	503316	20.00	ng	0.00
87) Perylene-d12	15.47	264	466911	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	917878	79.48	ng	-0.01
7) Phenol-d6	6.48	99	1122077	82.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	1067705	79.81	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	277968	75.76	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1824492	77.77	ng	0.00
79) Terphenyl-d14	12.94	244	1918876	78.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	218393	34.404	ng	100
3) Pyridine	3.33	79	603248	34.492	ng	100
4) n-Nitrosodimethylamine	3.29	42	291473	34.559	ng	97
6) Aniline	6.50	93	787039	39.889	ng	# 90
8) 2-Chlorophenol	6.62	128	517229	41.953	ng	95
9) Benzaldehyde	6.38	77	337060	35.249	ng	97
10) Phenol	6.49	94	644922	40.137	ng	# 73
11) bis(2-Chloroethyl)ether	6.56	93	503185	41.249	ng	99
12) 1,3-Dichlorobenzene	6.77	146	570992	41.259	ng	99
13) 1,4-Dichlorobenzene	6.85	146	574184	41.173	ng	98
14) 1,2-Dichlorobenzene	7.00	146	530619	41.647	ng	98
15) Benzyl Alcohol	6.98	79	409163	38.408	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	933901	39.484	ng	73
17) 2-Methylphenol	7.09	107	405406	40.030	ng	# 94
18) Hexachloroethane	7.34	117	214726	41.020	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	341136	39.402	ng	99
20) 3+4-Methylphenols	7.25	107	511280	43.694	ng	# 69
22) Acetophenone	7.24	105	683241	41.078	ng	91
24) Nitrobenzene	7.42	77	544314	39.947	ng	96
25) Isophorone	7.65	82	972460	39.194	ng	98
26) 2-Nitrophenol	7.73	139	273305	41.342	ng	99
27) 2,4-Dimethylphenol	7.77	122	397894	38.322	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	646130	40.135	ng	99
29) 2,4-Dichlorophenol	7.98	162	424720	41.080	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	473405	40.267	ng	99
31) Naphthalene	8.13	128	1439588	41.048	ng	98
32) Benzoic acid	7.92	122	221896m	32.609	ng	
33) 4-Chloroaniline	8.19	127	662533	41.456	ng	99
34) Hexachlorobutadiene	8.25	225	269057	40.222	ng	98
35) Caprolactam	8.57	113	148398	44.019	ng	87
36) 4-Chloro-3-methylphenol	8.68	107	446694	42.923	ng	99
37) 2-Methylnaphthalene	8.83	142	942256	41.642	ng	98
38) 1-Methylnaphthalene	8.93	142	892582	41.888	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	436710	40.624	ng	99

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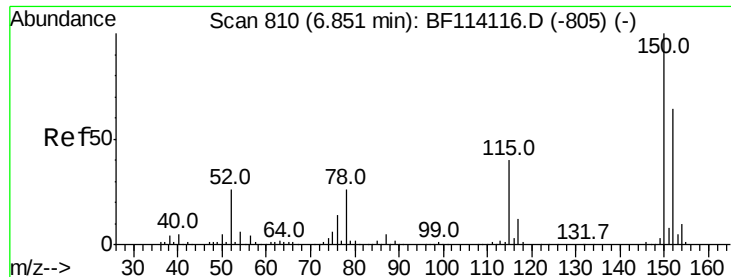
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 5/23/2019 4:07:32 AM

Quant Time: May 22 13:58:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	150345	32.721	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	287719	38.911	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	288988	38.109	nq	98
46) 1,1'-Biphenyl	9.29	154	1154026	40.253	nq	98
47) 2-Chloronaphthalene	9.32	162	923890	40.042	nq	100
48) 2-Nitroaniline	9.42	65	333352	40.738	nq	100
49) Acenaphthylene	9.73	152	1417389	40.390	nq	99
50) Dimethylphthalate	9.59	163	1054760	40.487	nq	99
51) 2,6-Dinitrotoluene	9.66	165	235710	40.793	nq	97
52) Acenaphthene	9.90	154	845319	39.254	nq	99
53) 3-Nitroaniline	9.83	138	298696	41.643	nq	94
54) 2,4-Dinitrophenol	9.95	184	84339	33.325	nq	96
55) Dibenzofuran	10.07	168	1217623	38.561	nq	99
56) 4-Nitrophenol	10.01	139	174111	34.324	nq	94
57) 2,4-Dinitrotoluene	10.07	165	299773	38.223	nq	# 87
58) Fluorene	10.42	166	995172	40.802	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	248331	37.954	nq	99
60) Diethylphthalate	10.29	149	1043328	39.415	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	485776	40.551	nq	99
62) 4-Nitroaniline	10.44	138	315461	41.854	nq	98
63) Azobenzene	10.57	77	996173	38.880	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	137848	39.900	nq	99
66) n-Nitrosodiphenylamine	10.53	169	876422	40.164	nq	98
67) 4-Bromophenyl-phenylether	10.89	248	309013	39.035	nq	97
68) Hexachlorobenzene	10.97	284	342823	39.146	nq	94
69) Atrazine	11.05	200	260963	38.429	nq	97
70) Pentachlorophenol	11.17	266	143132	34.478	nq	98
71) Phenanthrene	11.38	178	1444181	41.286	nq	98
72) Anthracene	11.43	178	1459852	41.551	nq	99
73) Carbazole	11.59	167	1417386	42.306	nq	97
74) Di-n-butylphthalate	11.91	149	1631499	42.268	nq	100
75) Fluoranthene	12.57	202	1571866	41.729	nq	98
77) Benzidine	12.69	184	867799	38.410	nq	97
78) Pyrene	12.80	202	1583143	39.100	nq	99
80) Butylbenzylphthalate	13.40	149	701334	41.152	nq	98
81) Benzo(a)anthracene	13.99	228	1356387	41.665	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	515726	40.838	nq	# 99
83) Chrysene	14.03	228	1295394	40.592	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	918612	41.213	nq	100
85) Di-n-octyl phthalate	14.57	149	1474656	40.813	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1105003	39.180	nq	100
88) Benzo(b)fluoranthene	15.04	252	1202926	40.214	nq	99
89) Benzo(k)fluoranthene	15.07	252	1162795	42.317	nq	98
90) Benzo(a)pyrene	15.41	252	1083153	41.144	nq	100
91) Dibenzo(a,h)anthracene	16.96	278	917560	41.944	nq	98
92) Benzo(g,h,i)perylene	17.40	276	918055	41.877	nq	99

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



#1

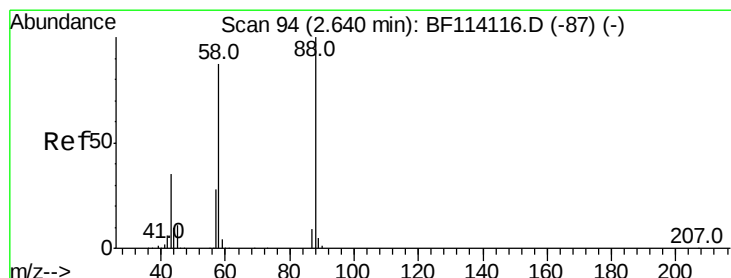
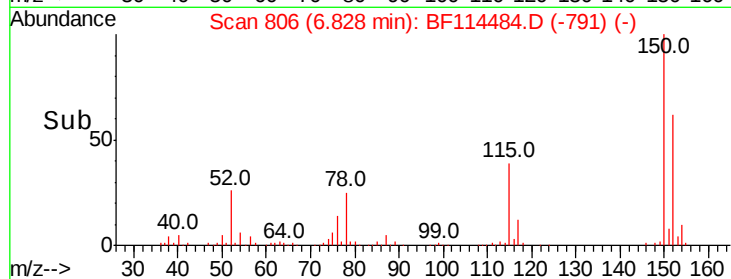
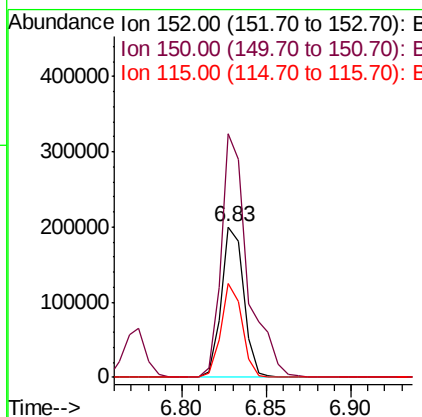
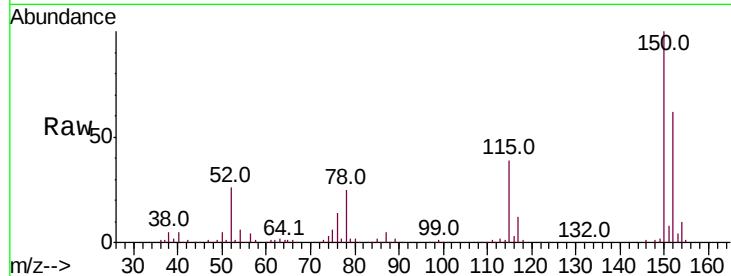
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.3	186.5
115	62.4	49.1	73.7

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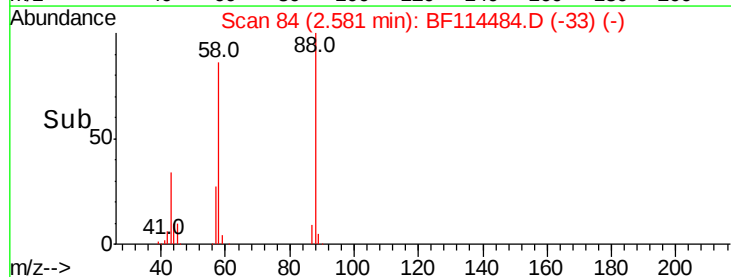
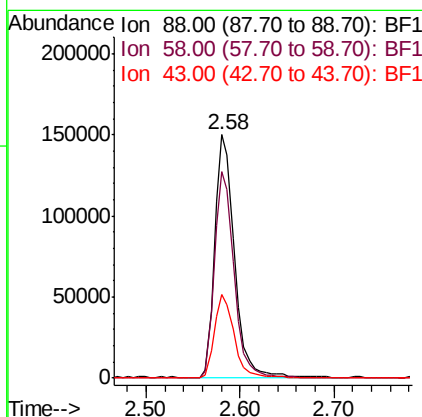
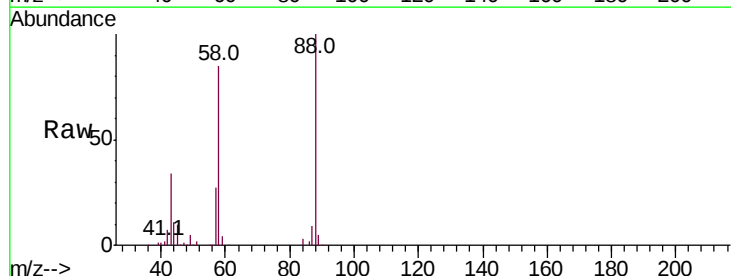
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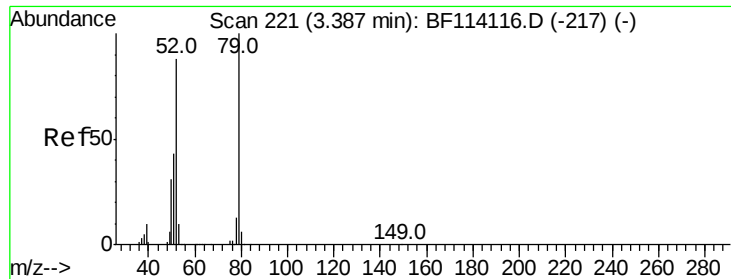


#2

1,4-Dioxane
Concen: 34.404 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.00 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	68.7	103.1
43	35.2	28.2	42.2





#3

Pvridine

Concen: 34.492 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

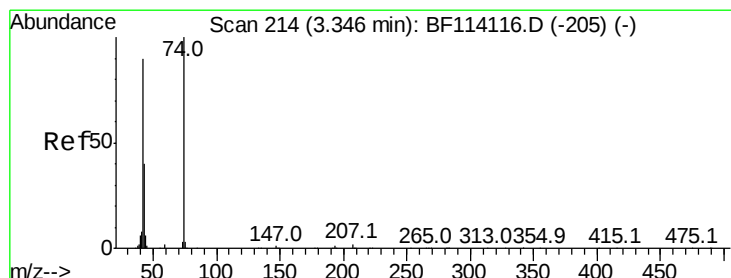
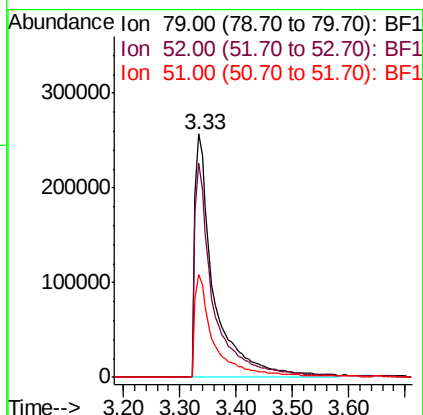
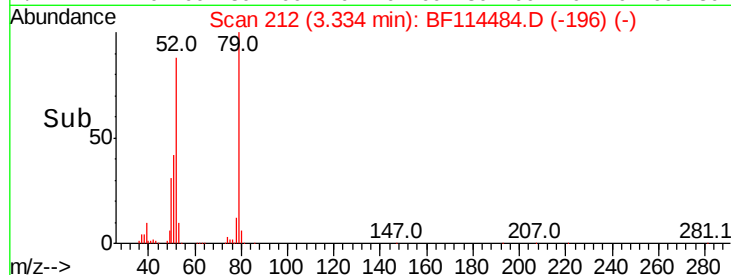
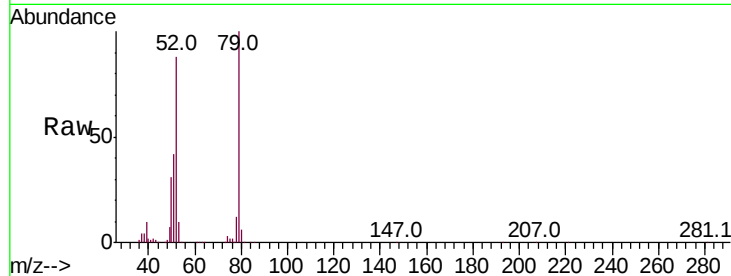
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	603248
Ion Ratio	Lower	Upper	
79	100		
52	88.2	70.6	105.8
51	42.1	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 34.559 ng

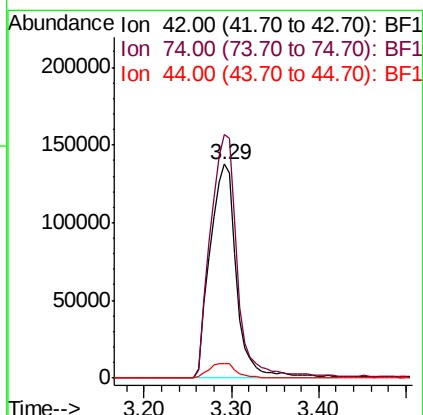
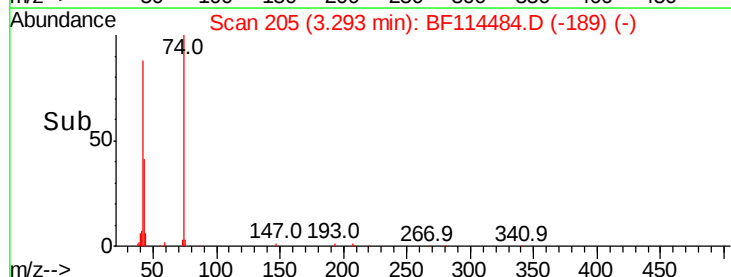
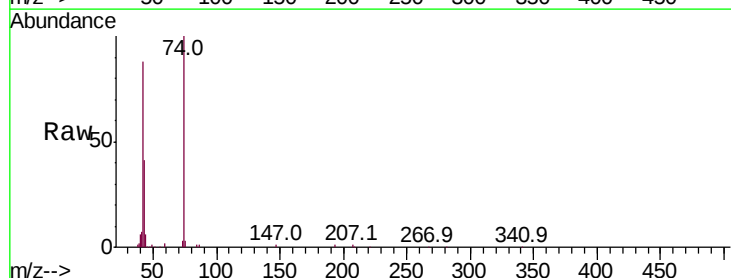
RT: 3.29 min Scan# 205

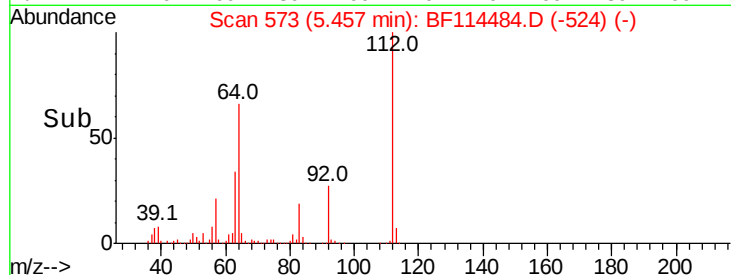
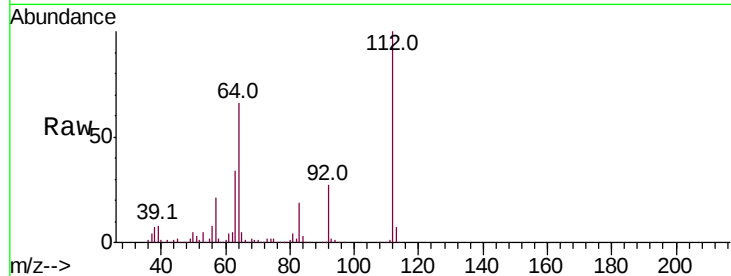
Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Tgt Ion:	42	Resp:	291473
Ion Ratio	Lower	Upper	
42	100		
74	114.0	88.6	132.8
44	7.0	5.5	8.3





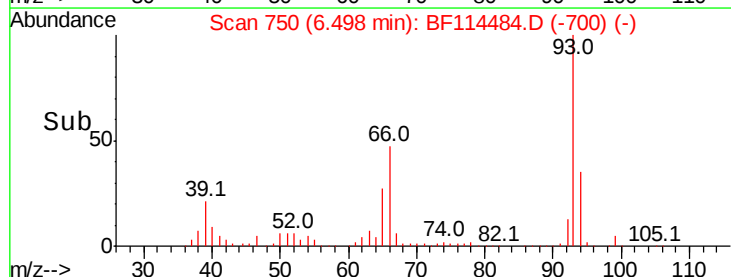
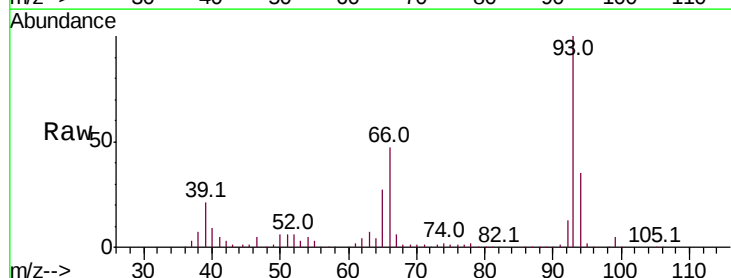
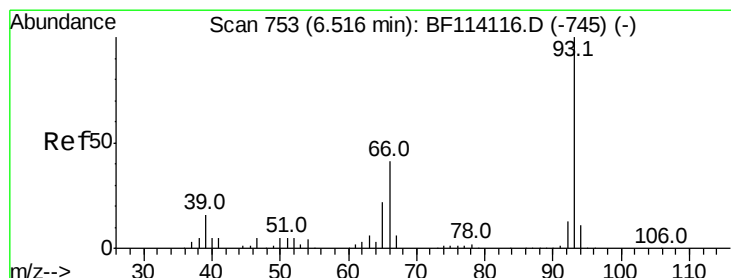
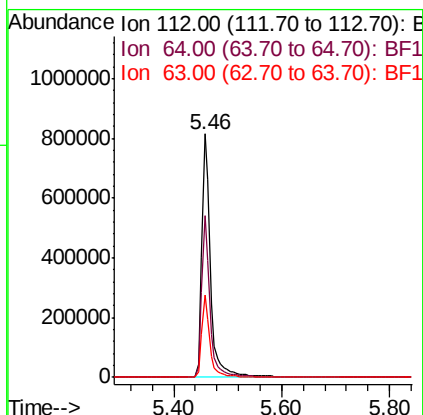
#5
2-Fluorophenol
Concen: 79.479 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tot Ion	Ratio	Resp	Lower	Upper
112	100	917878		
64	66.4	49.0	73.6	
63	33.6	24.6	37.0	

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

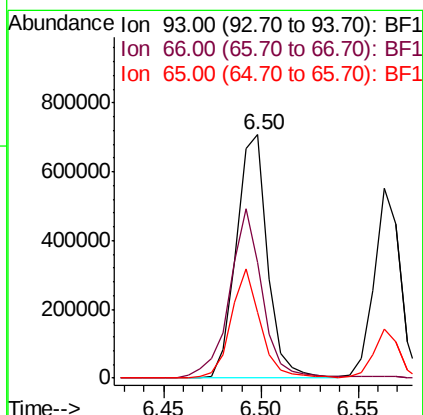
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#6
Aniline
Concen: 39.889 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	787039		
66	47.4	33.2	49.8	
65	27.1	17.6	26.4	





#7

Phenol-d6

Concen: 82.149 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1122077

Ion Ratio Lower Upper

99 100

42 21.5 17.9 26.9

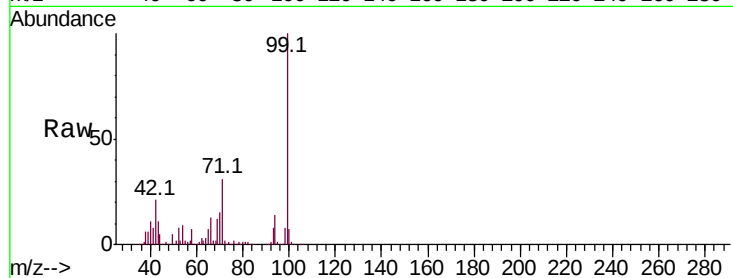
71 31.3 26.2 39.2

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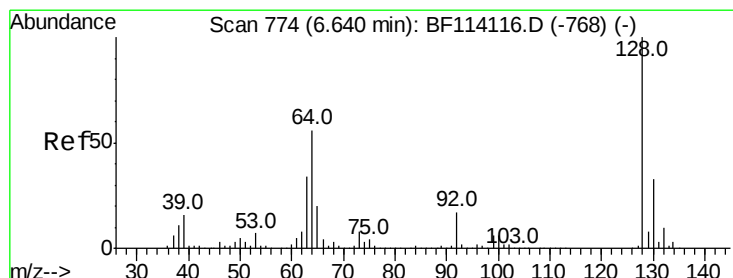
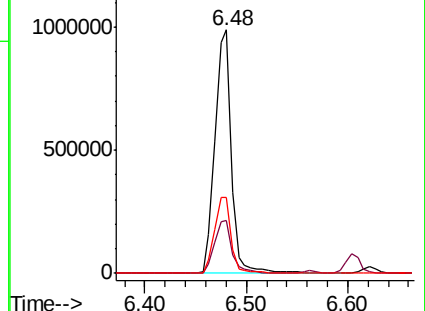
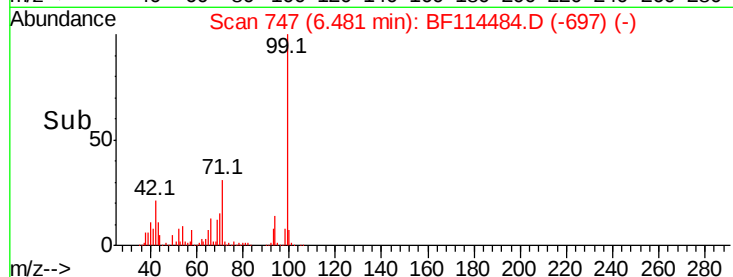
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.953 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

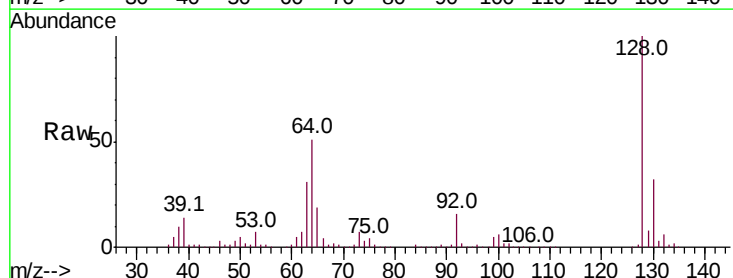
Tgt Ion: 128 Resp: 517229

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

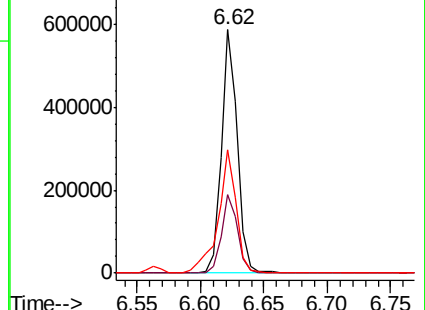
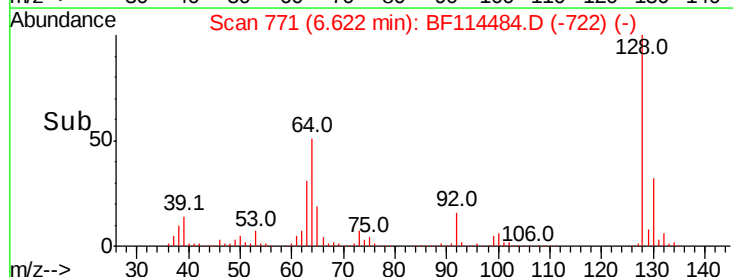
64 50.9 35.9 75.9

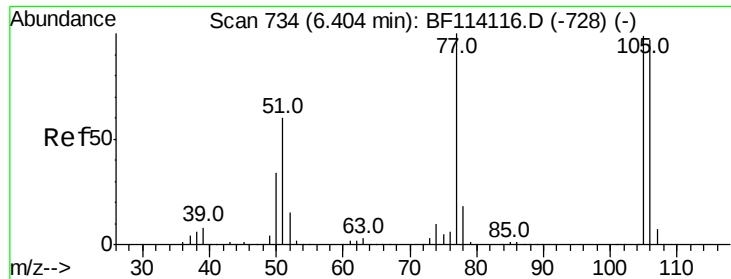


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.249 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

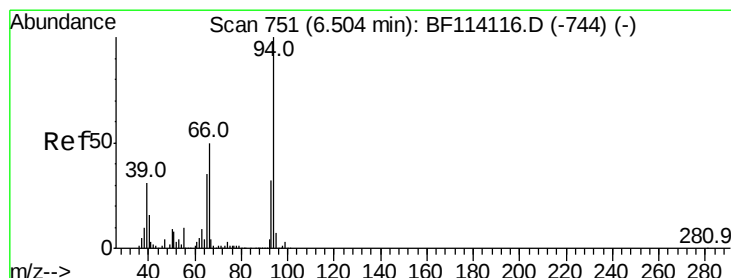
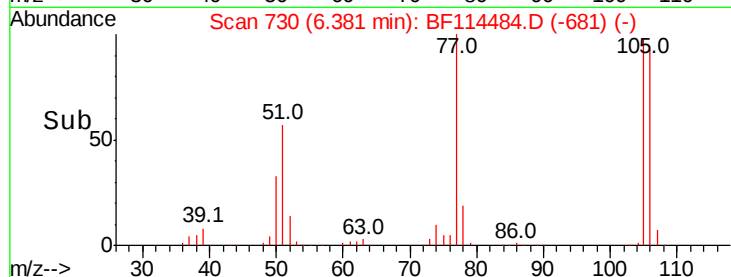
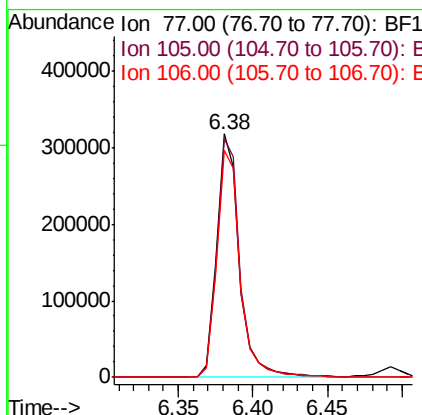
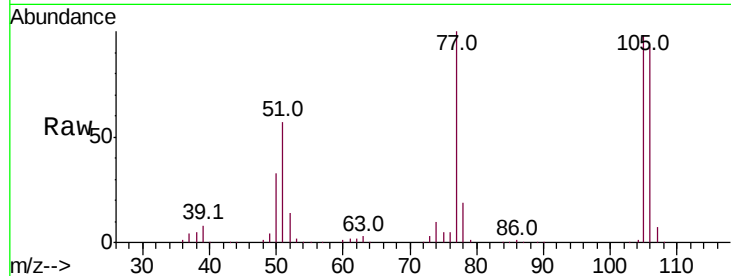
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	337060
Ion Ratio	Lower	Upper	
77	100		
105	98.0	79.3	119.3
106	93.2	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 40.137 ng

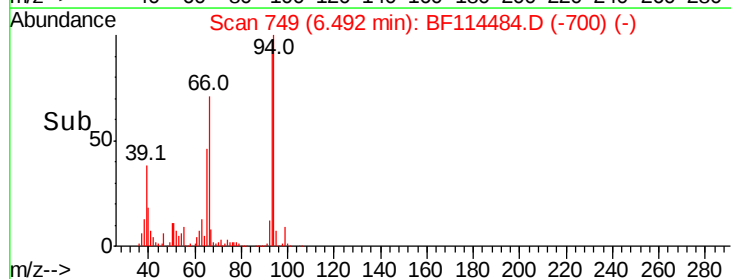
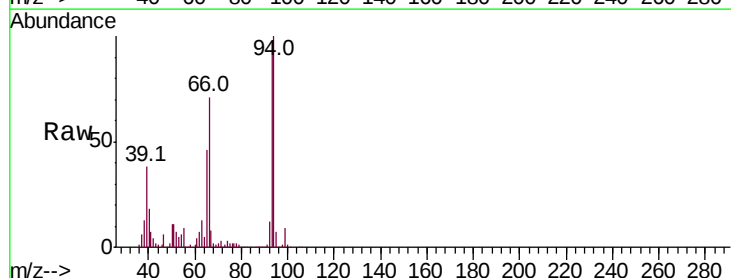
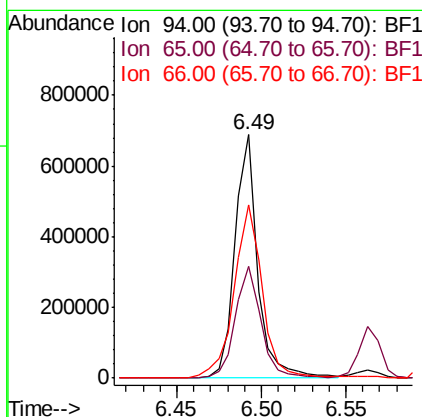
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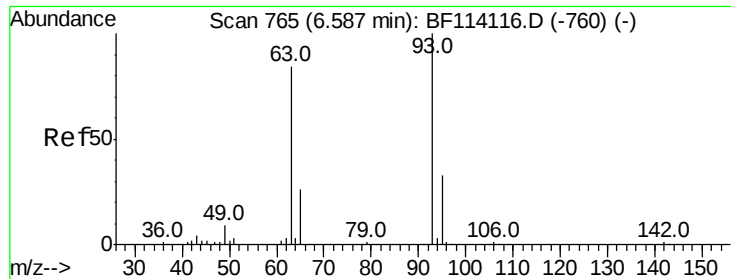
Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Tgt Ion:	94	Resp:	644922
Ion Ratio	Lower	Upper	
94	100		
65	45.9	14.7	54.7
66	71.3	29.6	69.6#





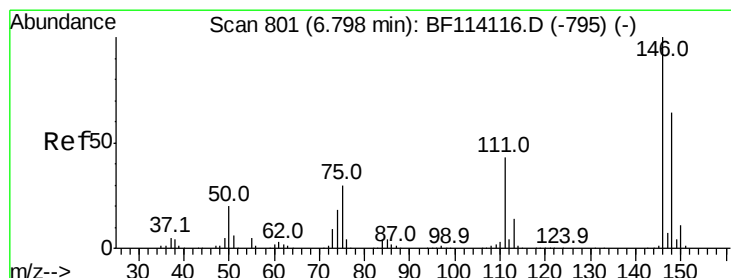
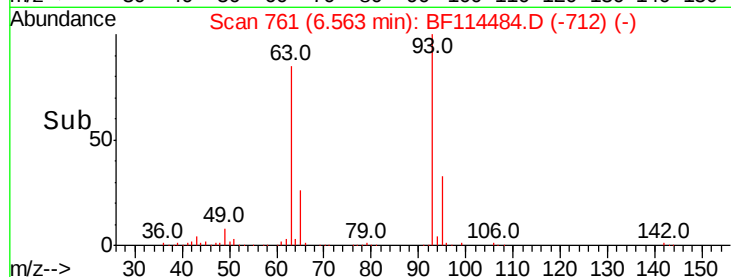
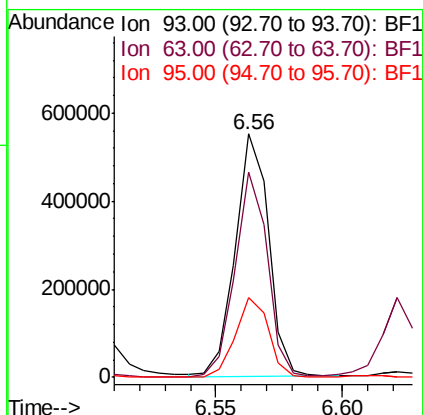
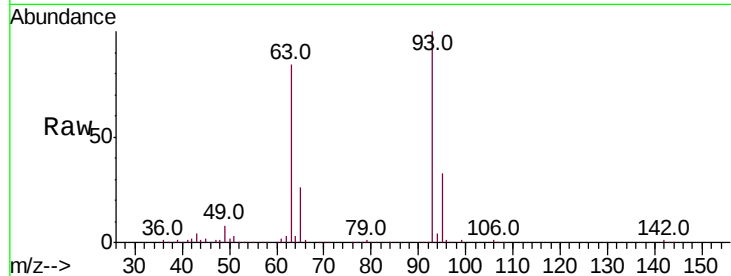
#11
bis(2-Chloroethyl)ether
Concen: 41.249 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.4	63.6	103.6
95	32.6	13.1	53.1

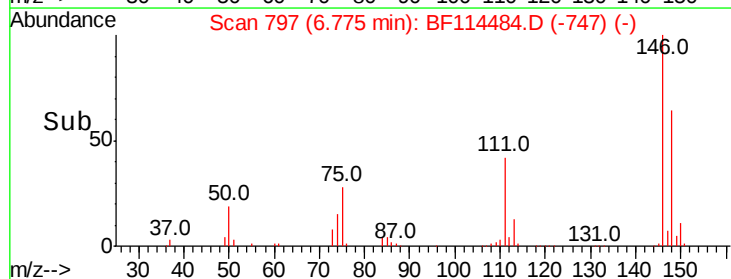
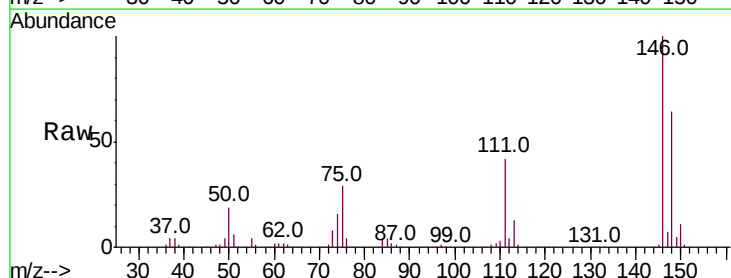
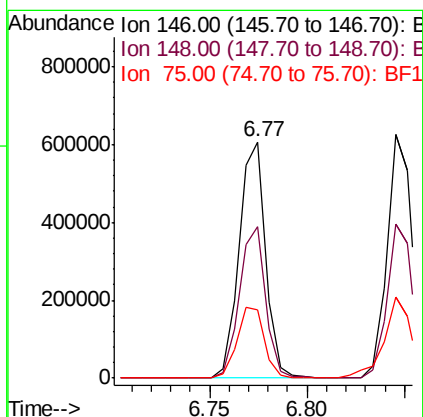
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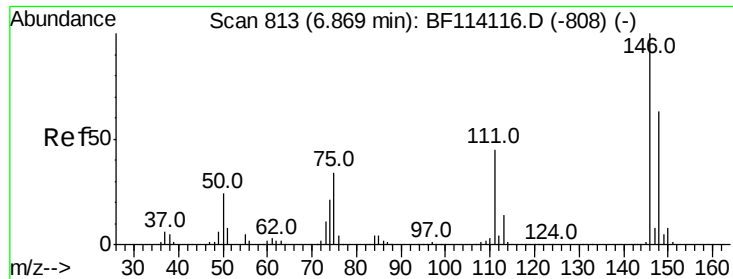
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.259 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
75	28.7	24.2	36.2





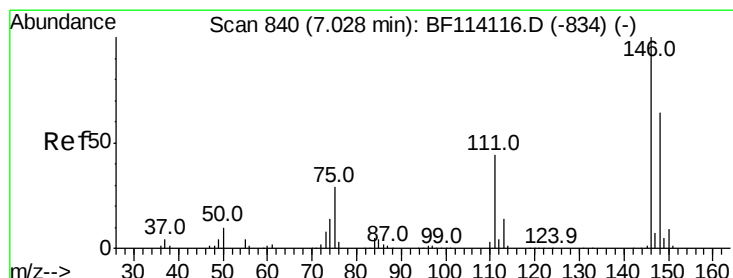
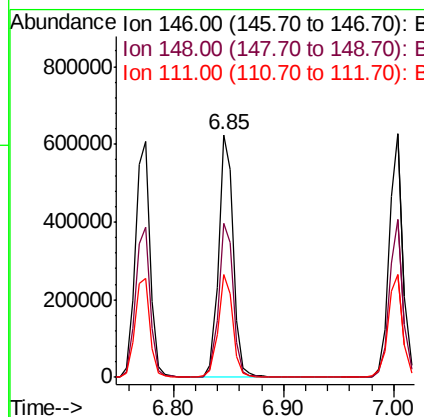
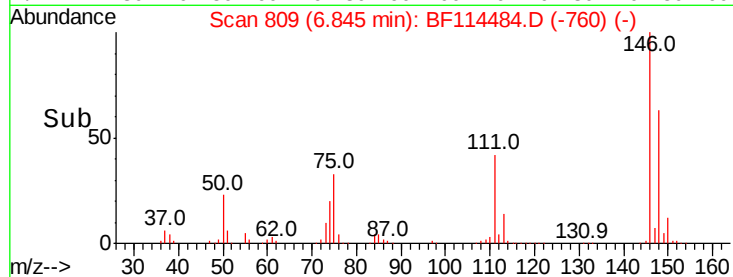
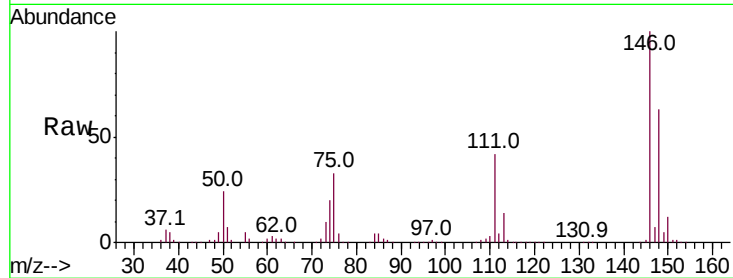
#13
 1,4-Dichlorobenzene
 Concen: 41.173 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.2	75.2
111	42.4	35.8	53.6

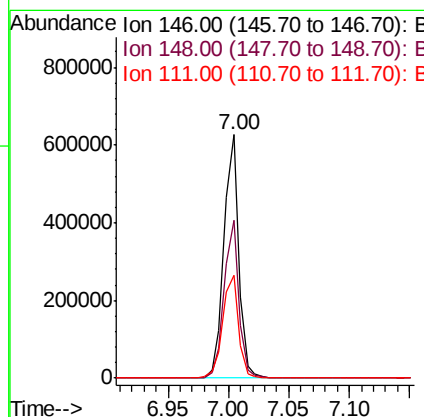
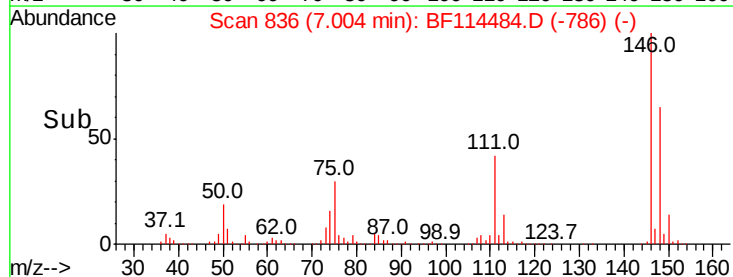
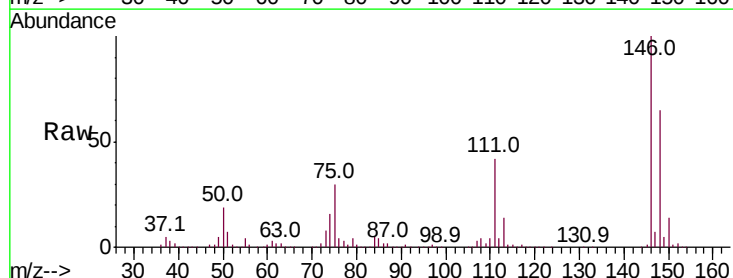
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#14
 1,2-Dichlorobenzene
 Concen: 41.647 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.1	76.7
111	42.4	35.3	52.9





#15

Benzyl Alcohol

Concen: 38.408 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

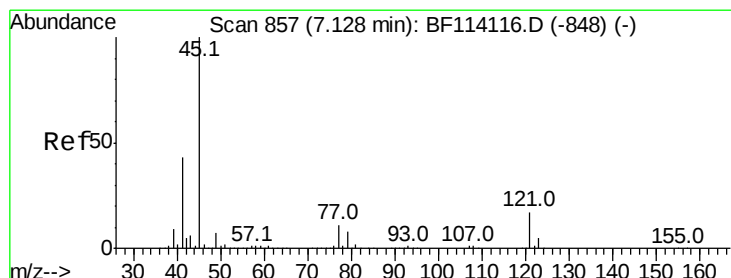
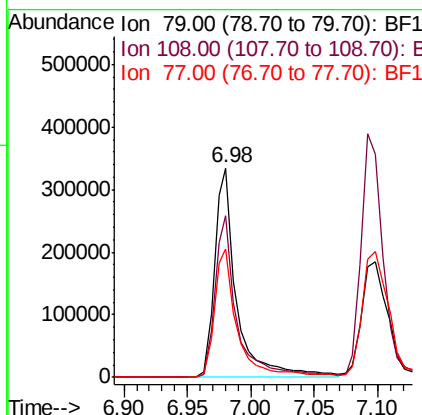
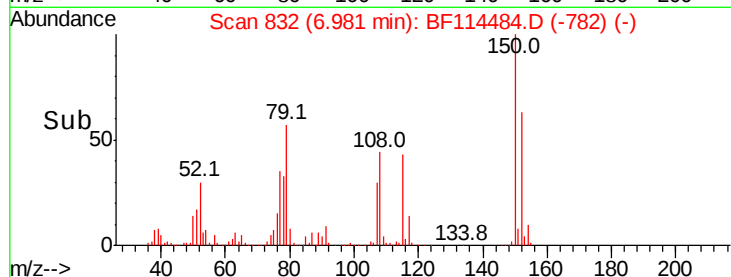
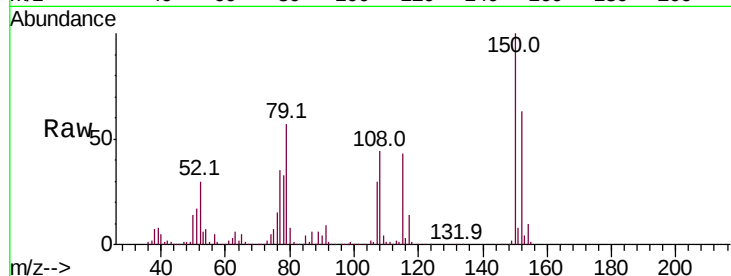
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	409163
Ion Ratio	Lower	Upper	
79	100		
108	77.2	62.1	93.1
77	61.3	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.484 ng

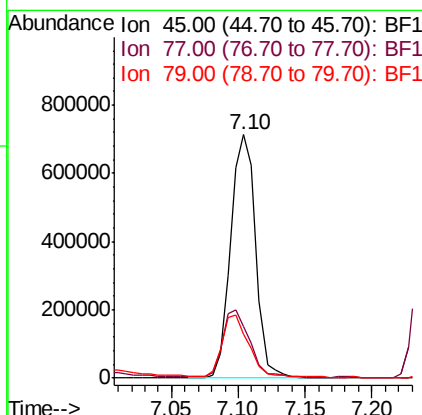
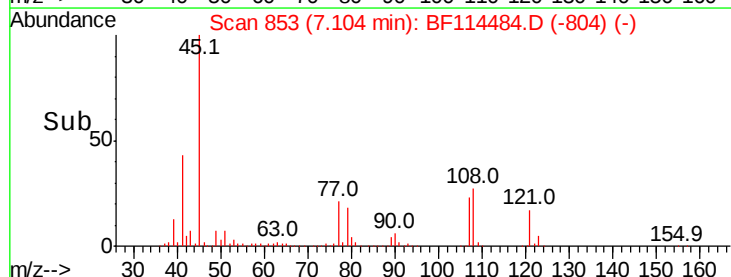
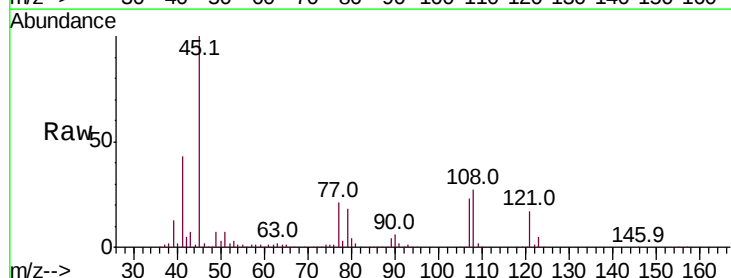
RT: 7.10 min Scan# 853

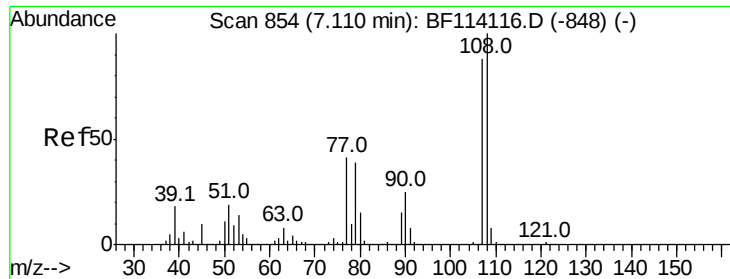
Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Tgt Ion:	45	Resp:	933901
Ion Ratio	Lower	Upper	
45	100		
77	21.1	0.0	31.1
79	18.2	0.0	28.4





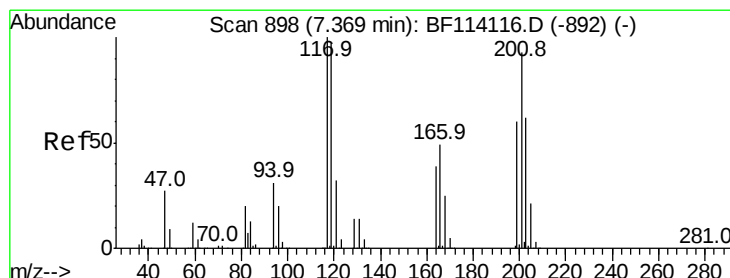
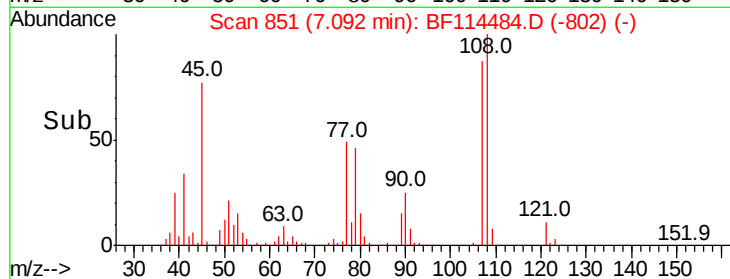
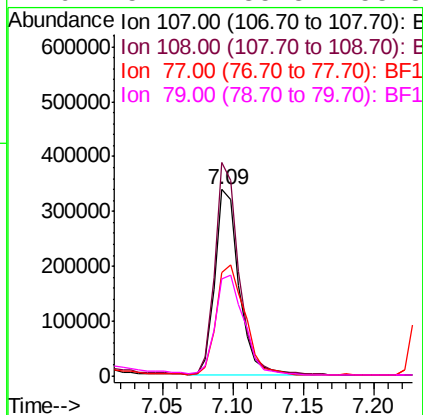
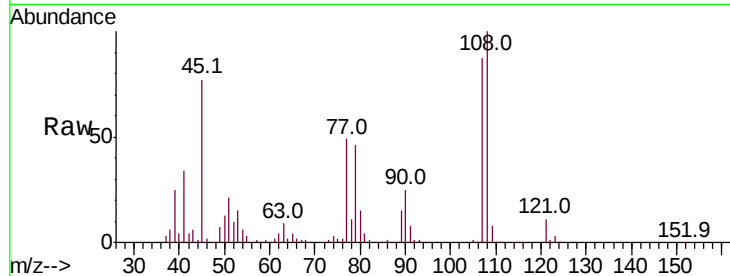
#17
2-Methylphenol
Concen: 40.030 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	90.5	135.7	
77	55.6	37.0	55.4	
79	52.2	35.8	53.8	

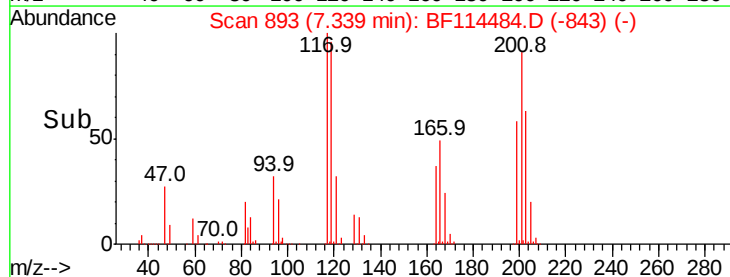
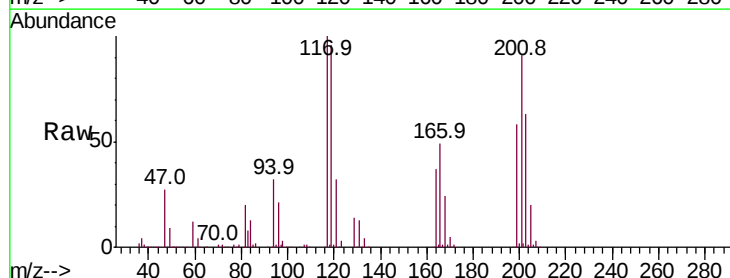
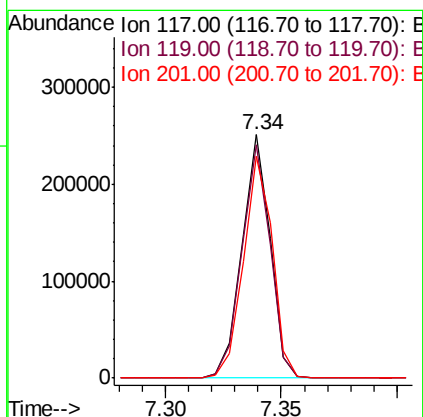
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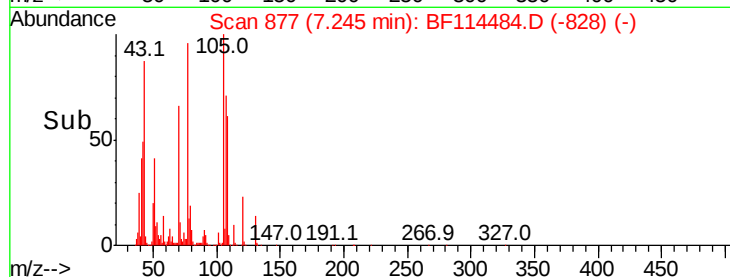
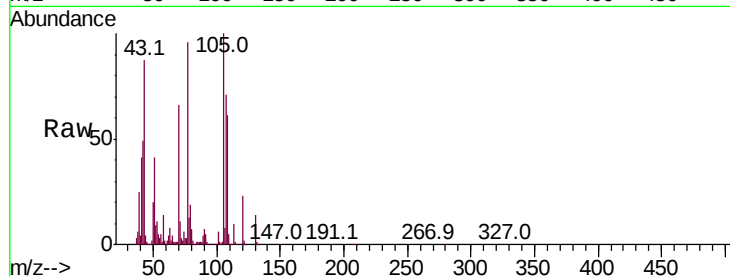
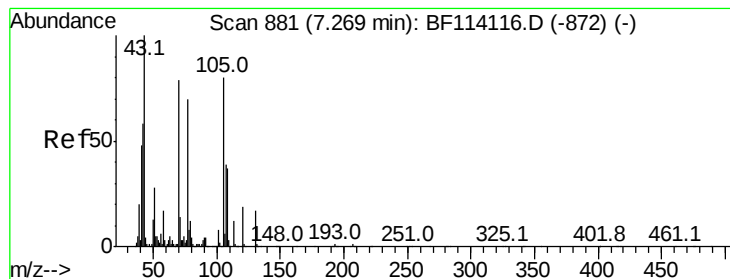
mohammad
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#18
Hexachloroethane
Concen: 41.020 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.4	116.2	
201	91.1	74.5	111.7	





#19

n-Nitroso-di-n-propylamine

Concen: 39.402 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 341136

Ion Ratio Lower Upper

70 100

42 74.4 58.6 87.8

101 9.6 7.8 11.8

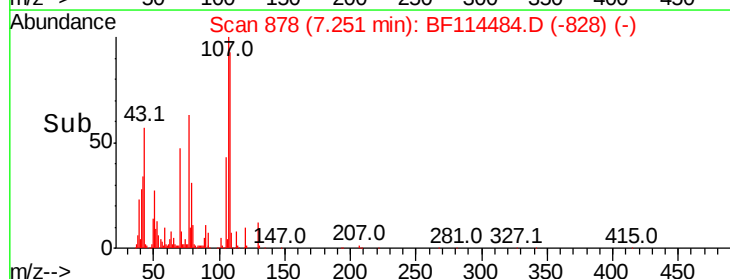
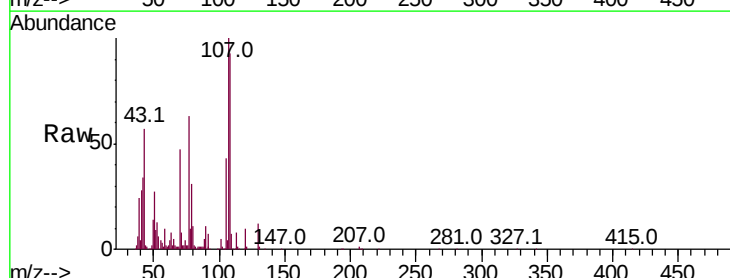
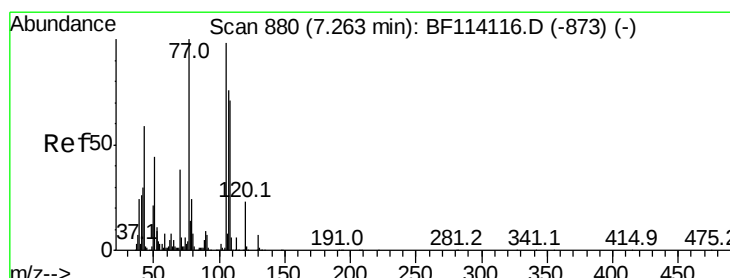
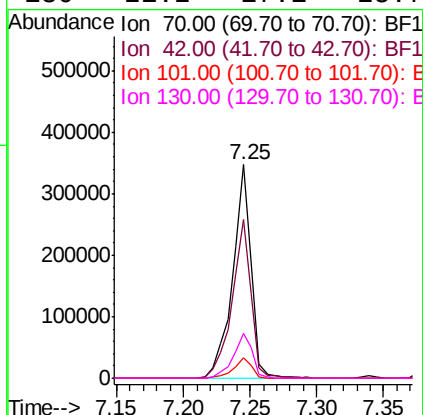
130 21.2 17.1 25.7

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#20

3+4-Methylphenols

Concen: 43.694 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Tgt Ion:107 Resp: 511280

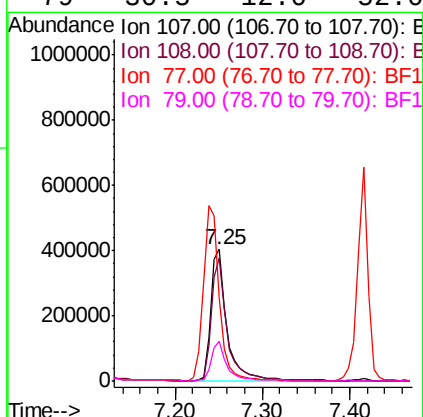
Ion Ratio Lower Upper

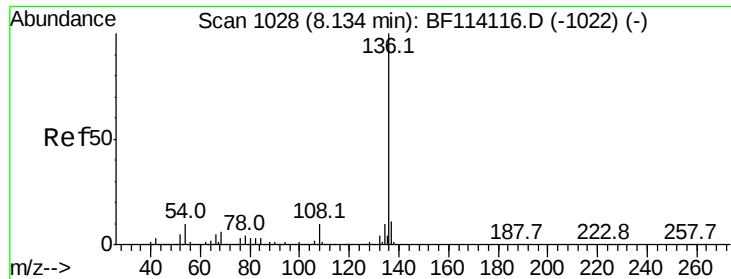
107 100

108 92.9 73.8 113.8

77 62.7 111.5 151.5#

79 30.5 12.0 52.0





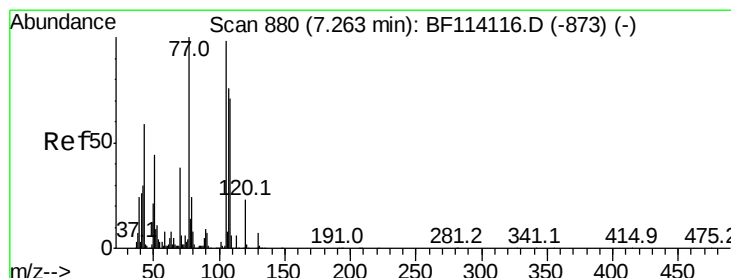
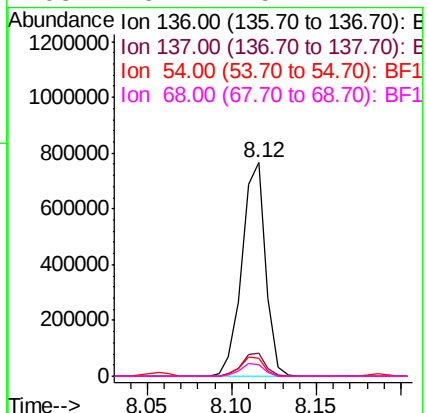
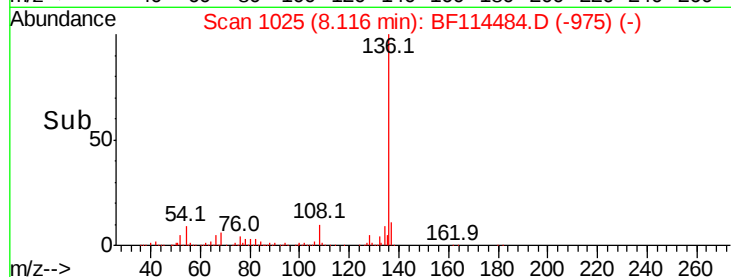
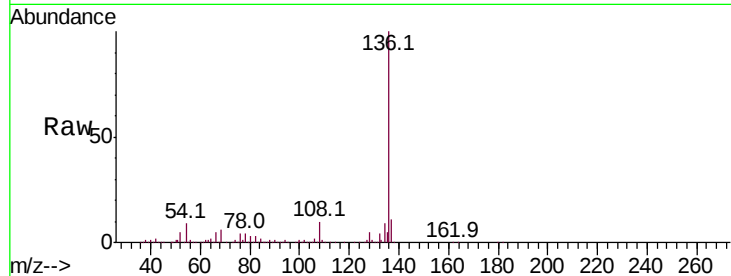
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	750799		
137	11.0		8.8	13.2
54	8.6		7.8	11.8
68	5.7		5.1	7.7

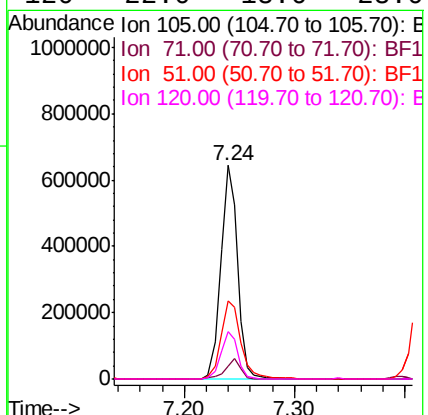
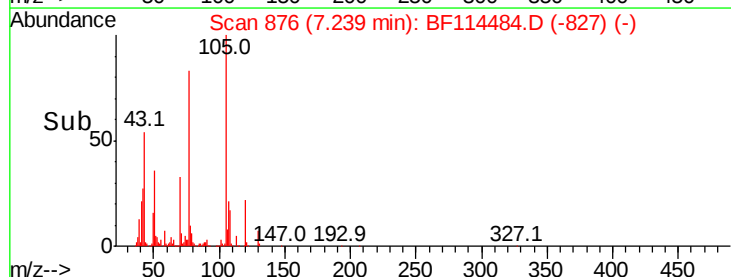
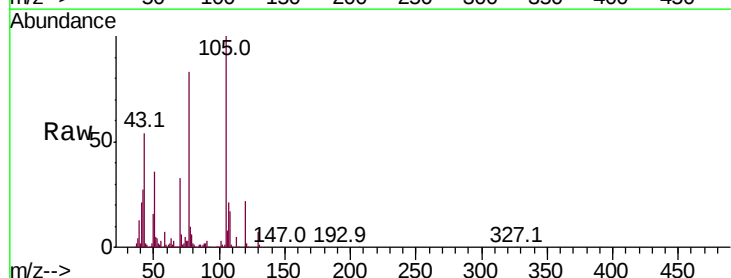
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#22
Acetophenone
Concen: 41.078 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	683241		
71	5.9		5.3	7.9
51	36.3		36.2	54.4
120	22.0		18.6	28.0





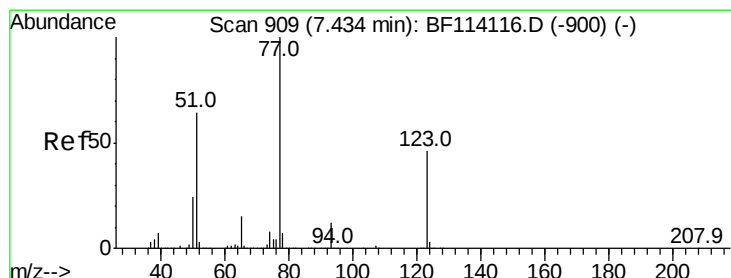
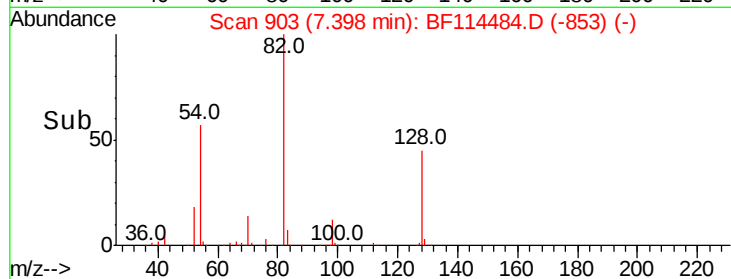
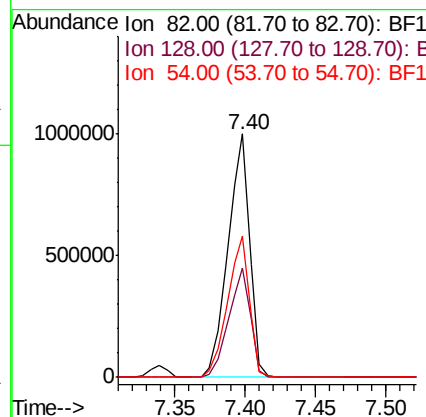
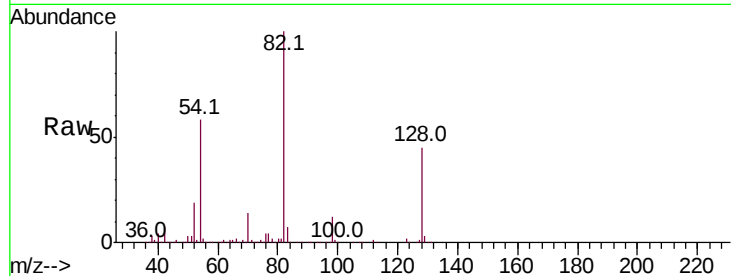
#23
 Nitrobenzene-d5
 Concen: 79.808 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.5	53.3
54	58.1	48.5	72.7

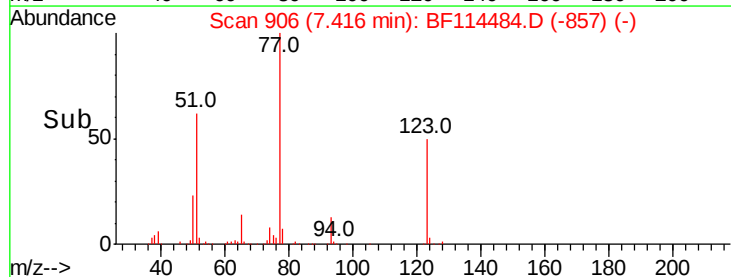
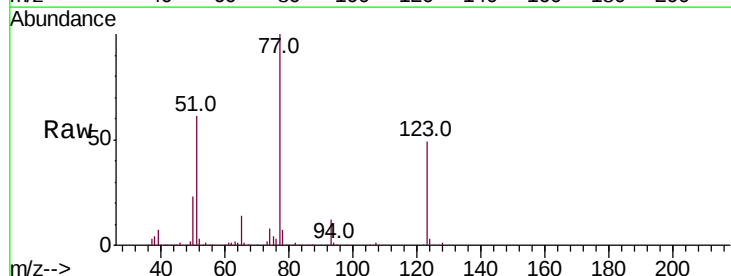
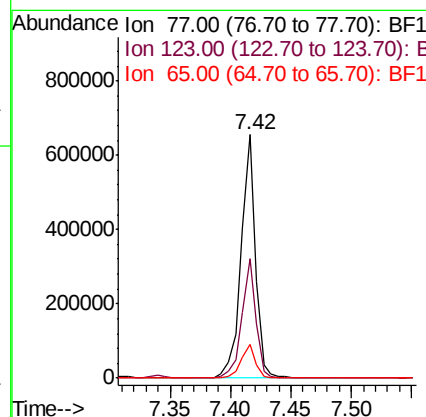
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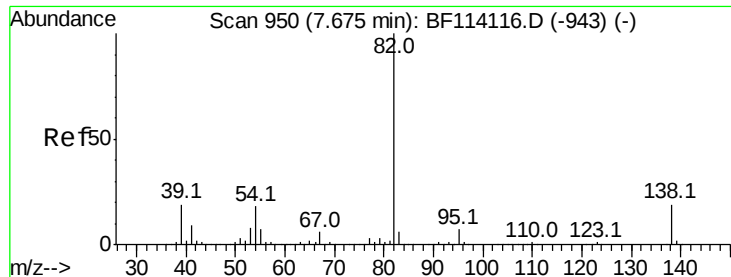
mohammad
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#24
 Nitrobenzene
 Concen: 39.947 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	36.9	55.3
65	14.0	11.8	17.6





#25

Isophorone

Concen: 39.194 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

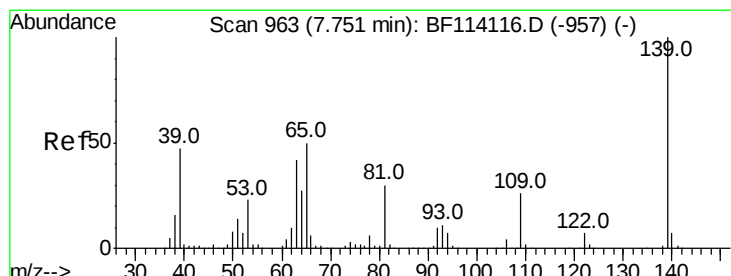
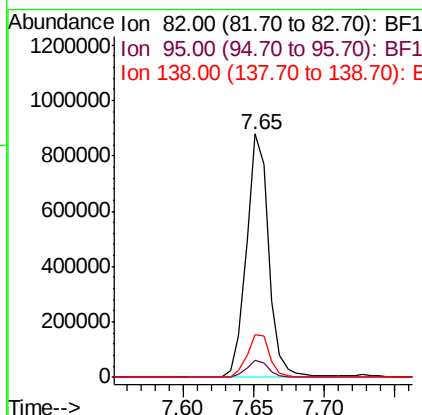
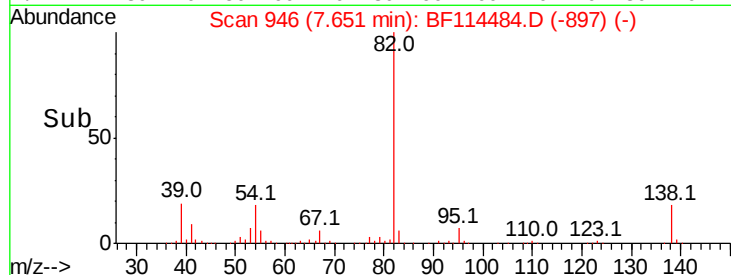
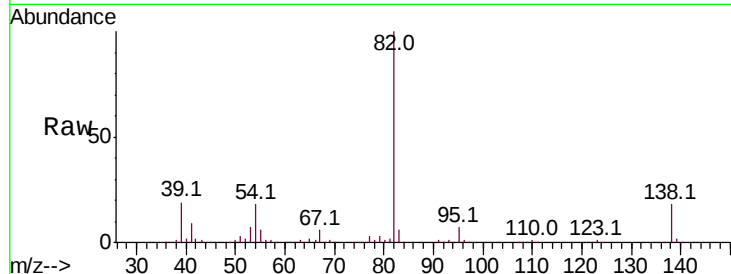
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	972460
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	17.6	14.8	22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.342 ng

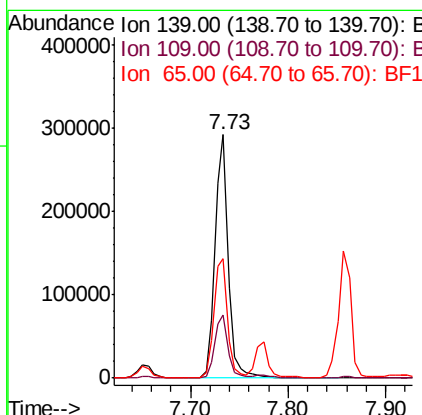
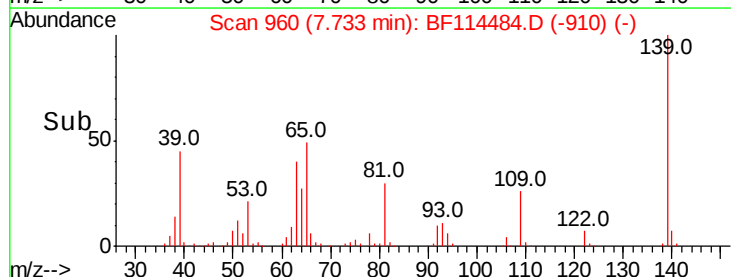
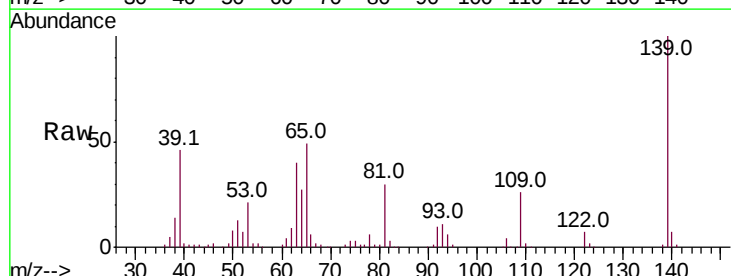
RT: 7.73 min Scan# 960

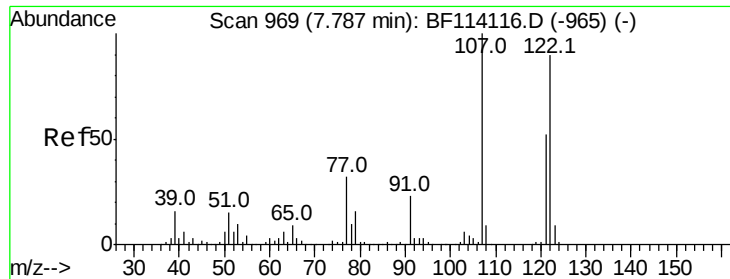
Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Tgt Ion:	139	Resp:	273305
Ion Ratio	Lower	Upper	
139	100		
109	25.8	20.7	31.1
65	48.8	40.2	60.2





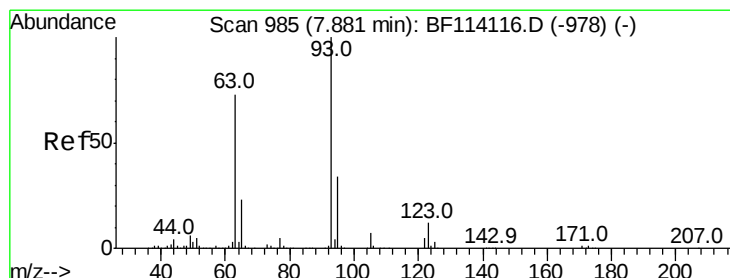
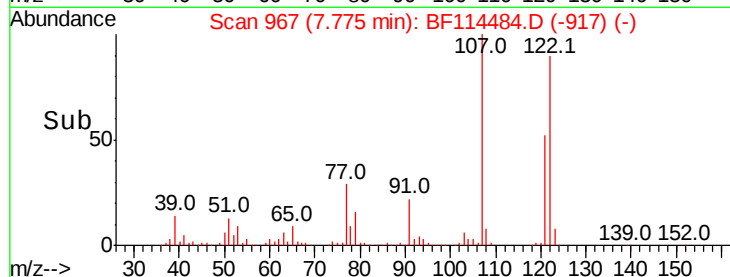
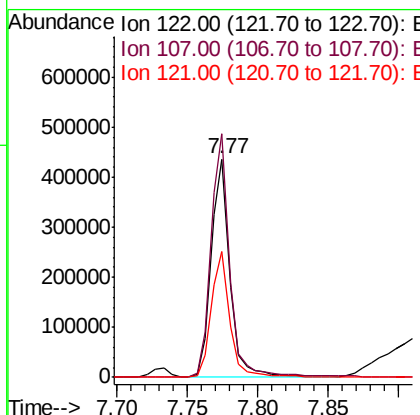
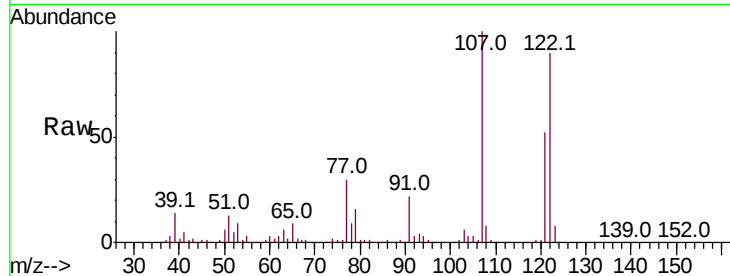
#27
2,4-Dimethylphenol
Concen: 38.322 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	88.4	132.6
121	57.9	45.9	68.9

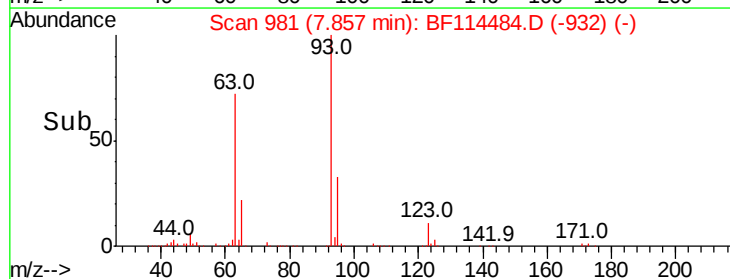
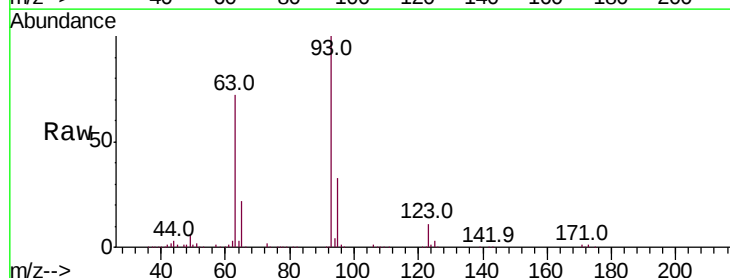
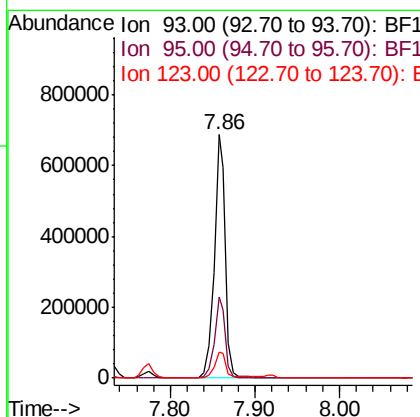
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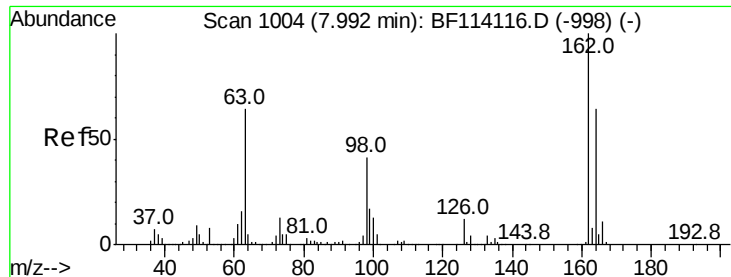
mohammad
5/23/2019 4:07:32 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.135 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	10.6	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 41.080 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

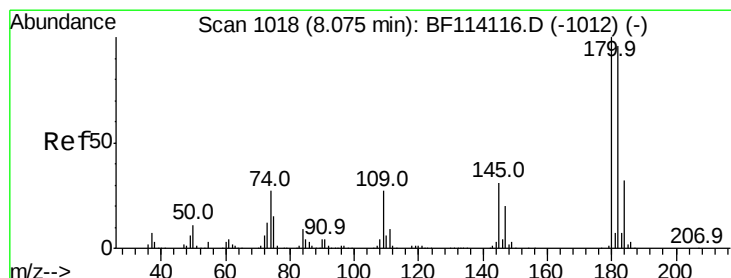
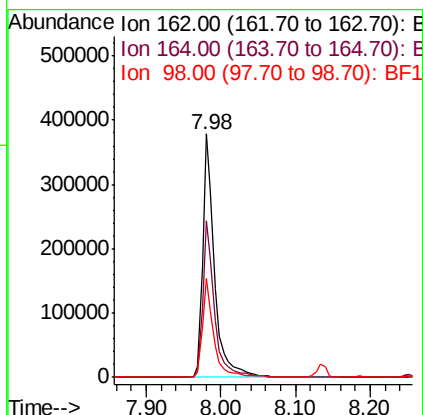
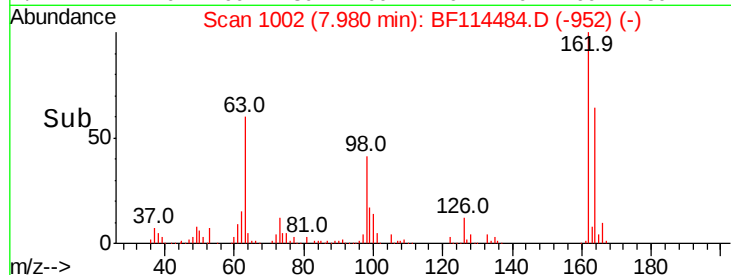
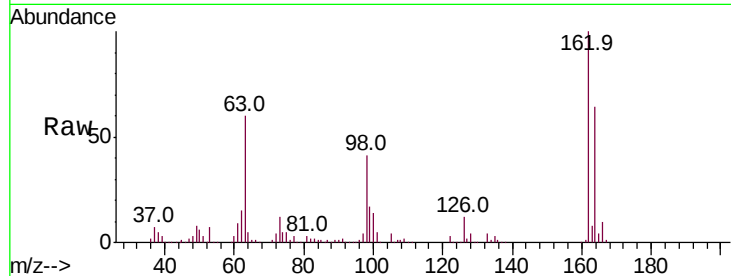
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	424720
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.6	83.6
98	40.5	20.6	60.6

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.267 ng

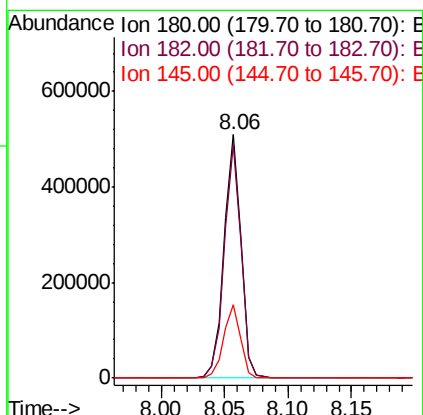
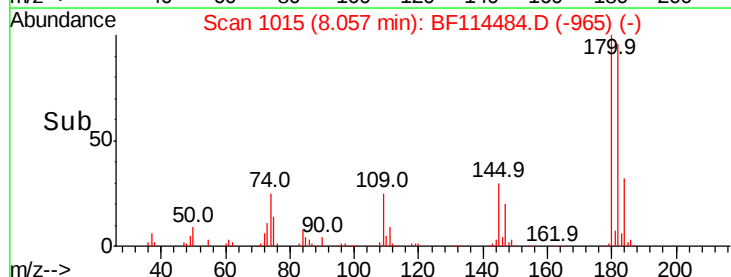
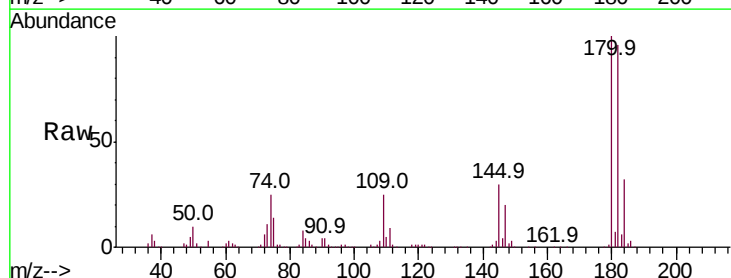
RT: 8.06 min Scan# 1015

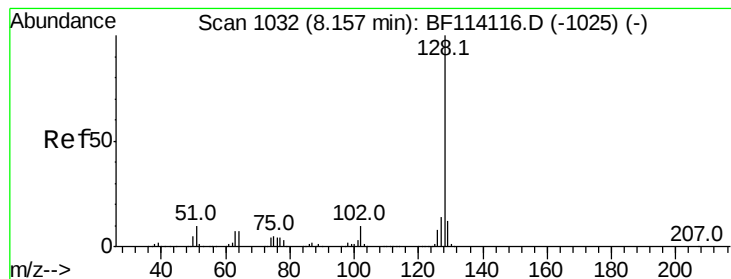
Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Tgt Ion:	180	Resp:	473405
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.6	114.8
145	30.1	25.1	37.7





#31

Naphthalene

Concen: 41.048 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1439588

Ion Ratio Lower Upper

128 100

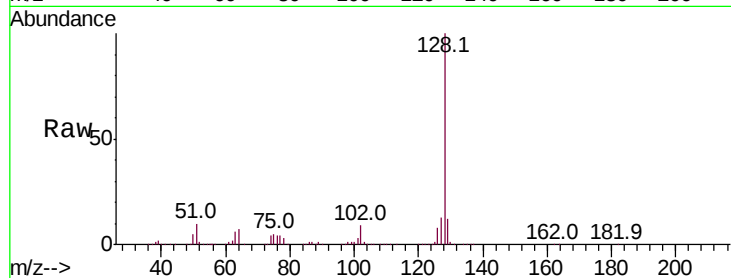
129 11.5 9.6 14.4

127 13.3 11.3 16.9

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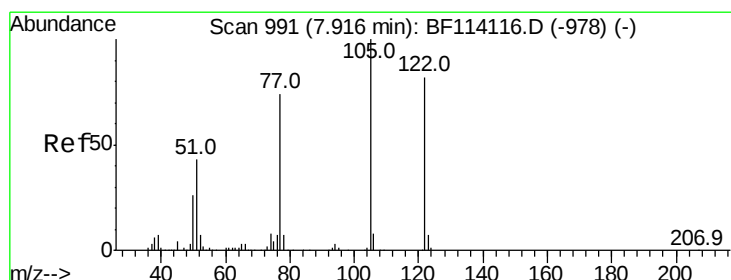
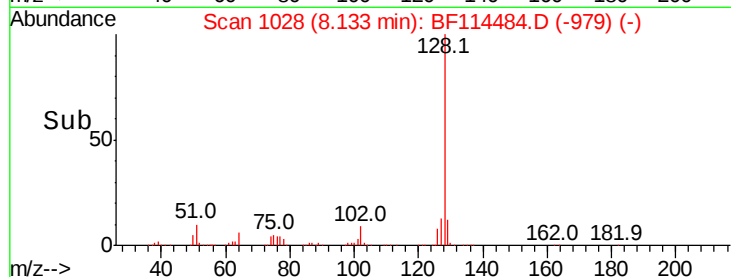
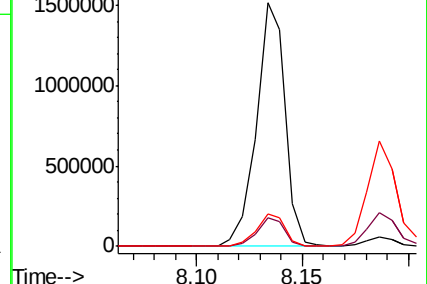
5/23/2019 4:07:32 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.609 ng m

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

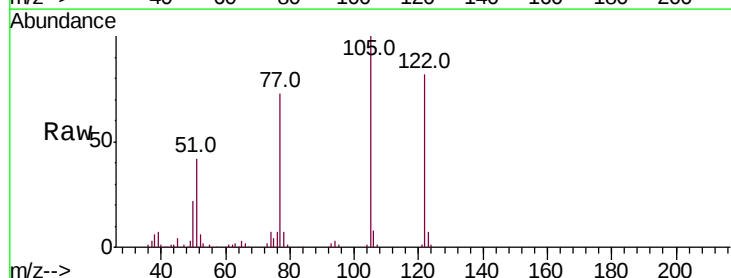
Tgt Ion:122 Resp: 221896

Ion Ratio Lower Upper

122 100

105 121.9 99.9 139.9

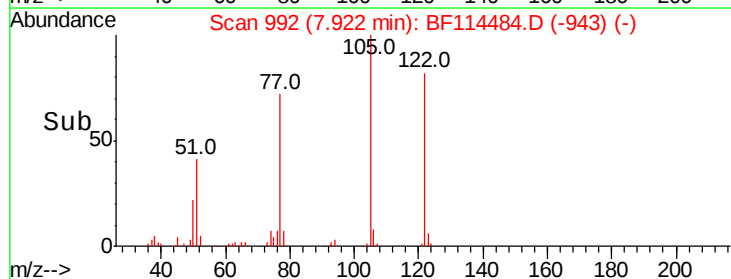
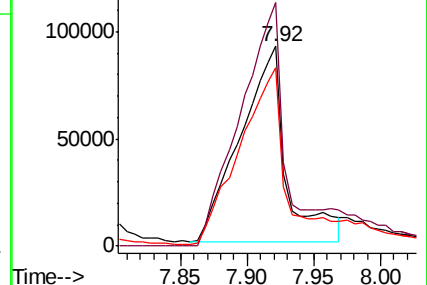
77 89.3 69.4 109.4

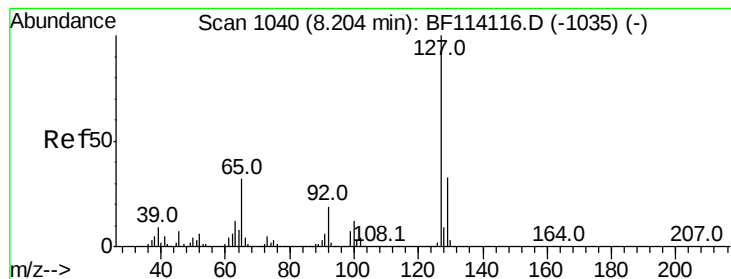


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





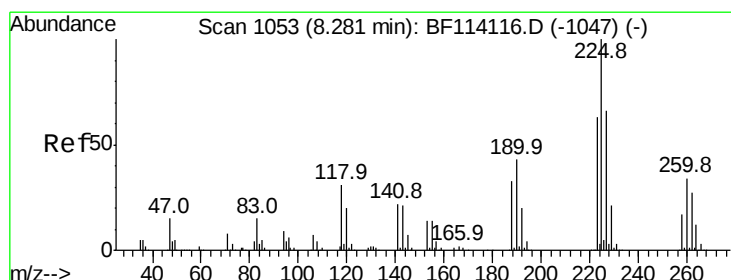
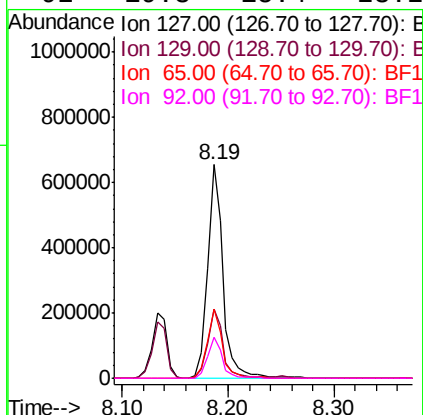
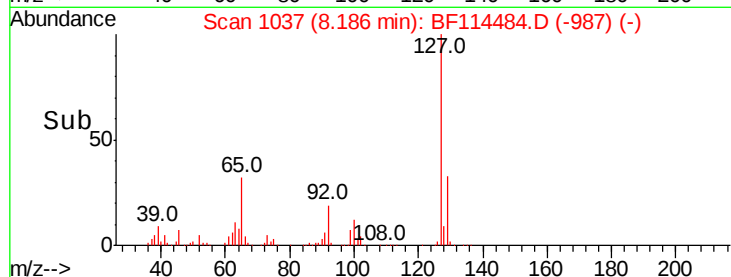
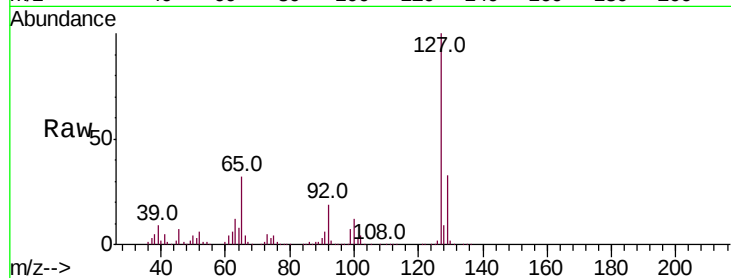
#33
4-Chloroaniline
Concen: 41.456 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.7	40.1	
65	32.2	25.4	38.0	
92	19.3	15.4	23.2	

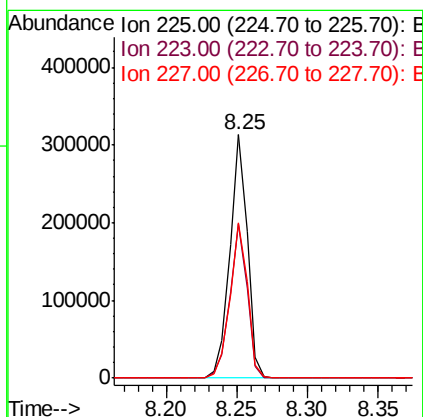
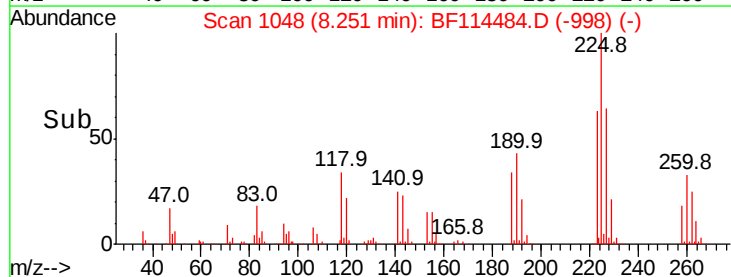
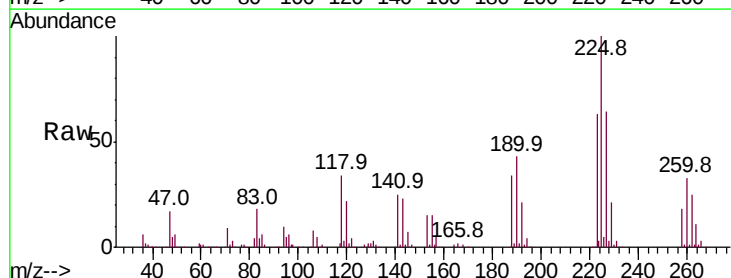
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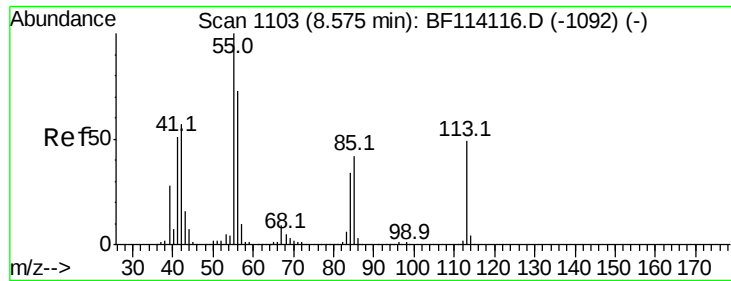
mohammad
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#34
Hexachlorobutadiene
Concen: 40.222 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.2	75.2	
227	64.0	52.6	79.0	





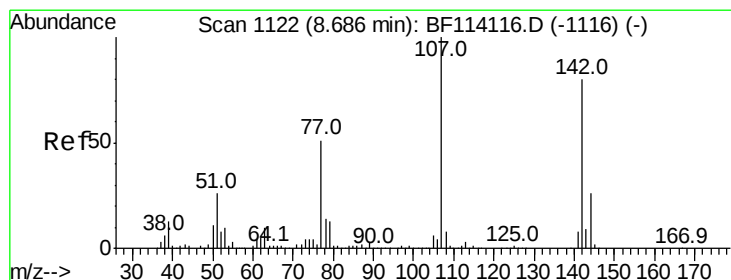
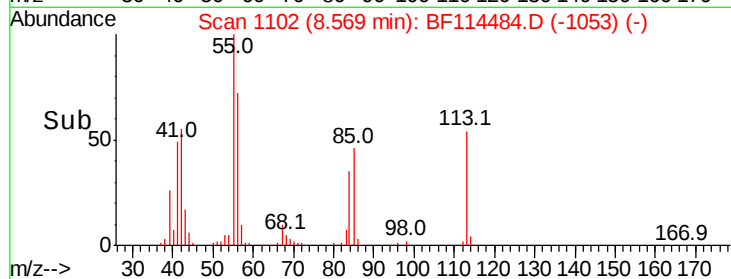
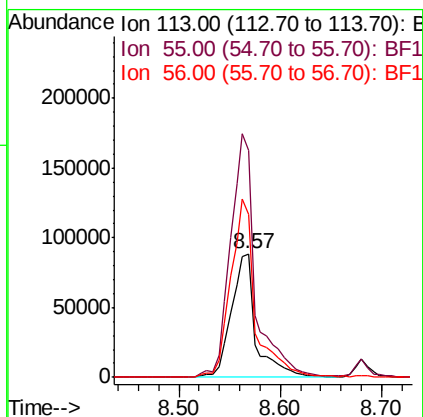
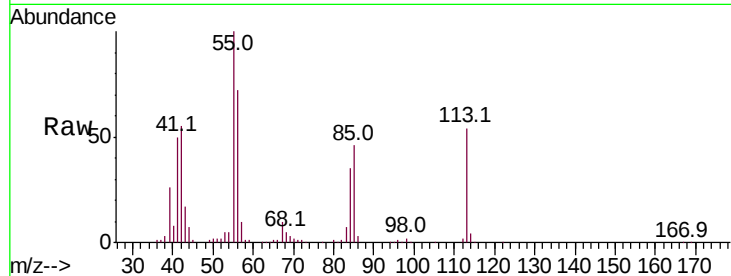
#35
Caprolactam
Concen: 44.019 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	183.7	183.5	223.5	
56	131.7	128.8	168.8	

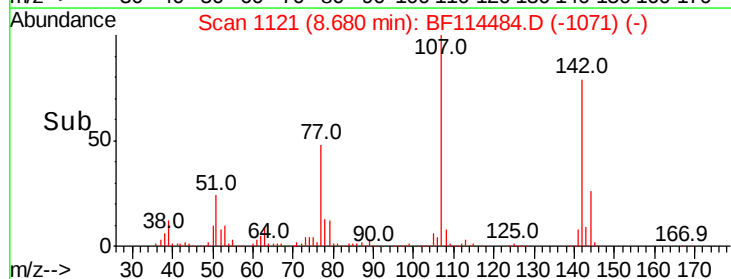
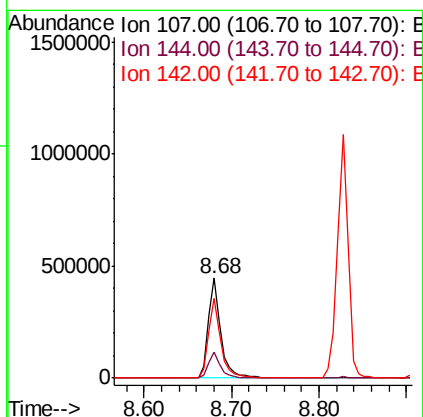
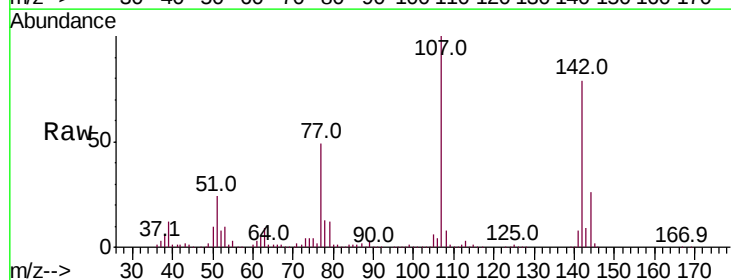
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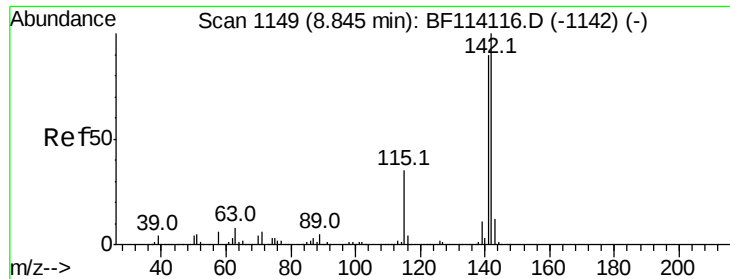
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.923 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.9	20.4	30.6	
142	79.2	64.2	96.4	





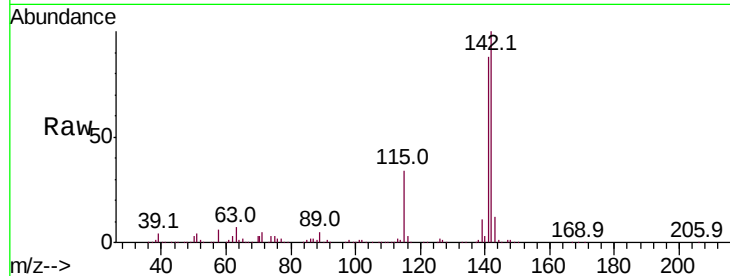
#37
2-Methylnaphthalene
Concen: 41.642 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.1	108.1
115	33.6	28.0	42.0

Manual Integrations
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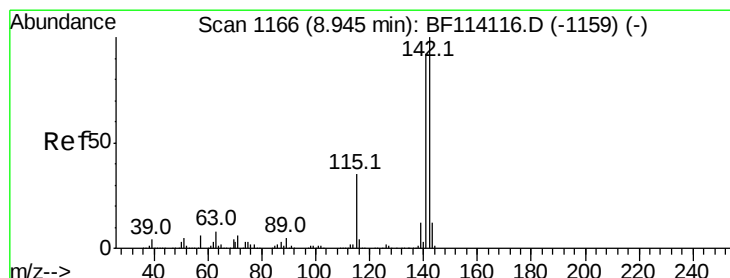
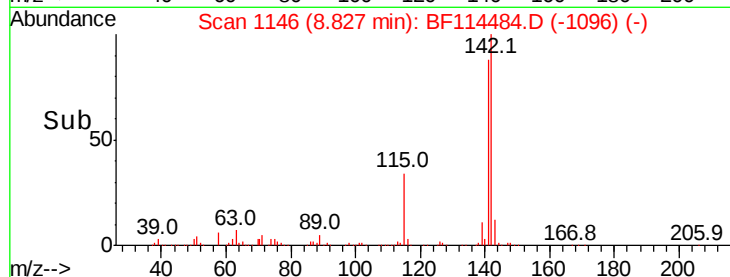
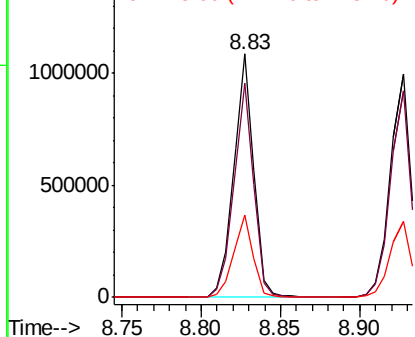


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.888 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

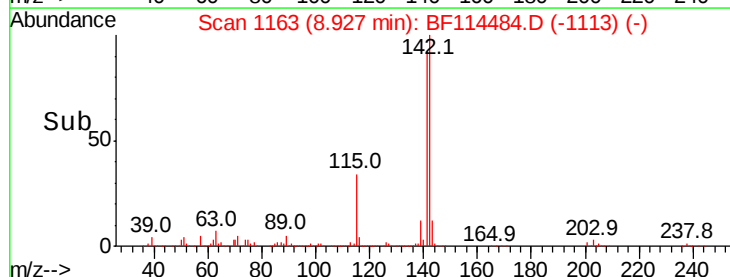
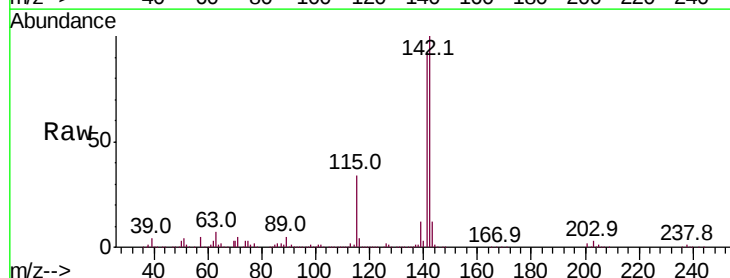
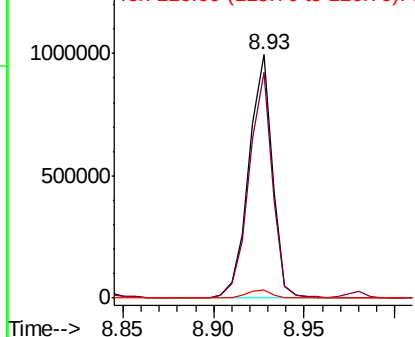
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.4	110.0
116	3.5	3.1	4.7

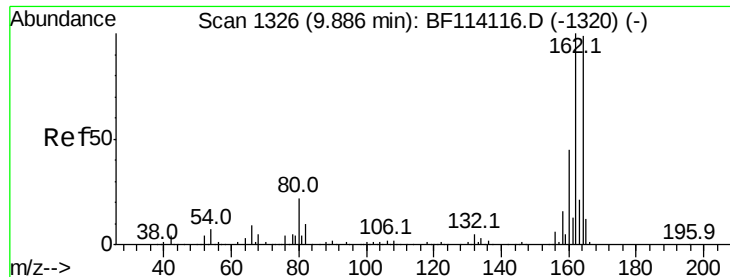
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





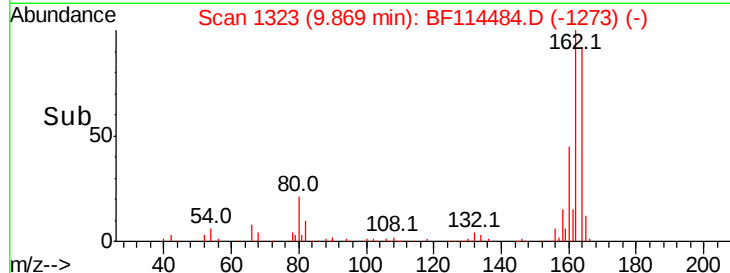
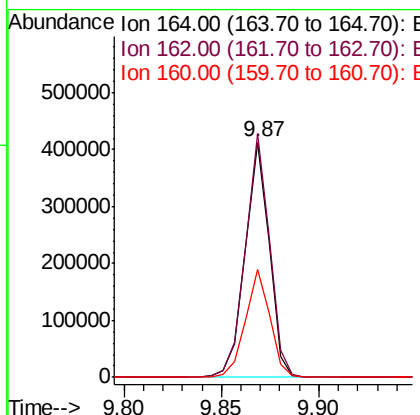
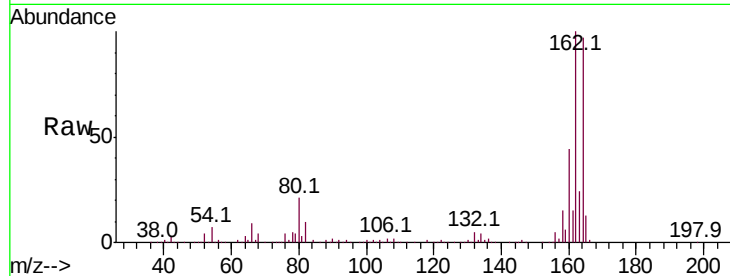
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	120.8
160	46.0	36.5	54.7

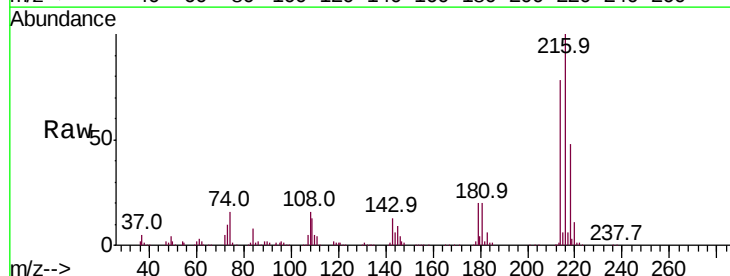
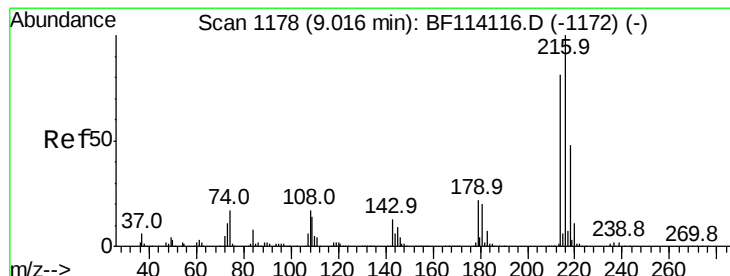
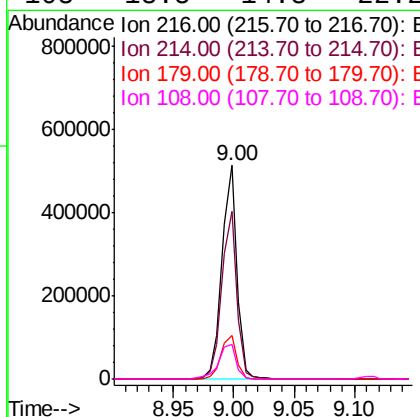
Manual Integrations
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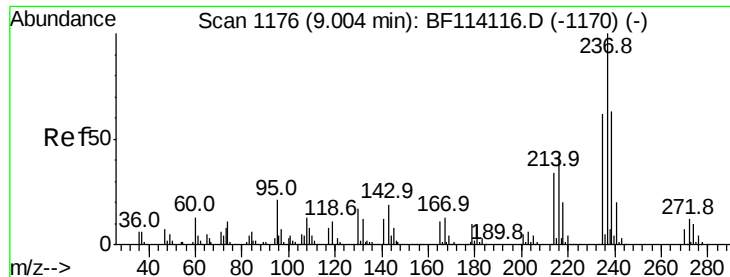
mohammad
 5/23/2019 4:07:32 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.624 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.9	95.9
179	20.9	17.0	25.6
108	18.5	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 32.721 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

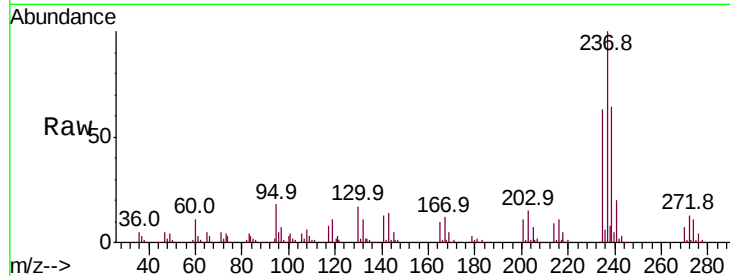
ClientSampleId :

SSTDCCC040

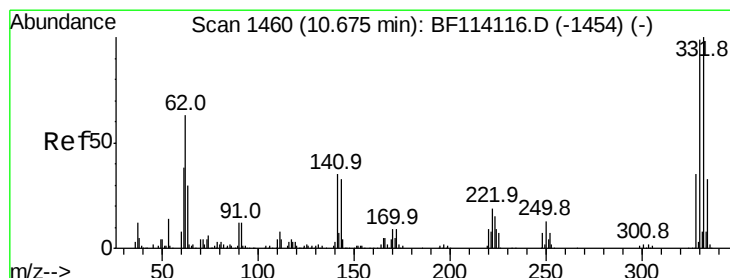
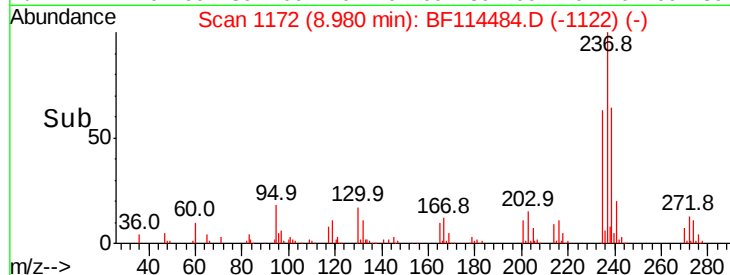
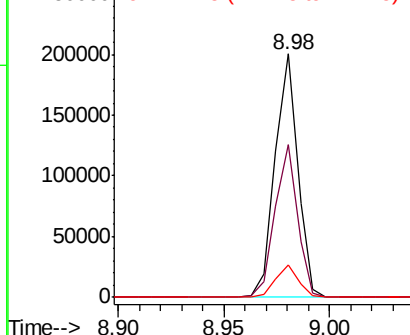
Tot Ion:	237	Resp:	150345
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.0	82.0
272	13.5	0.0	32.4

Manual Integrations
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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: 75.764 ng

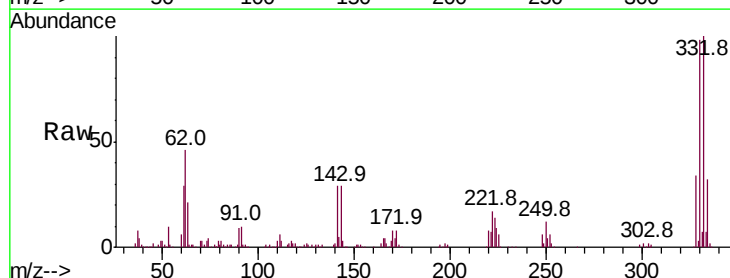
RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

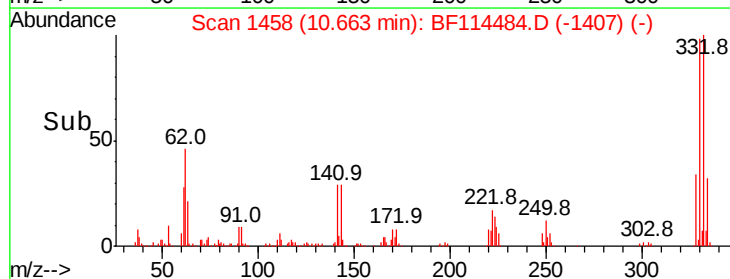
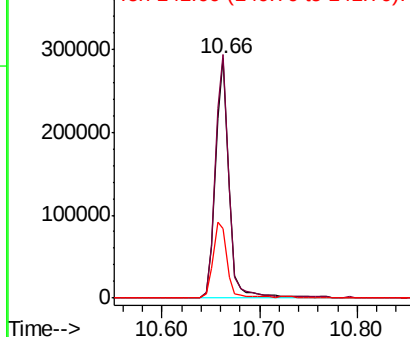
Lab File: BF114484.D

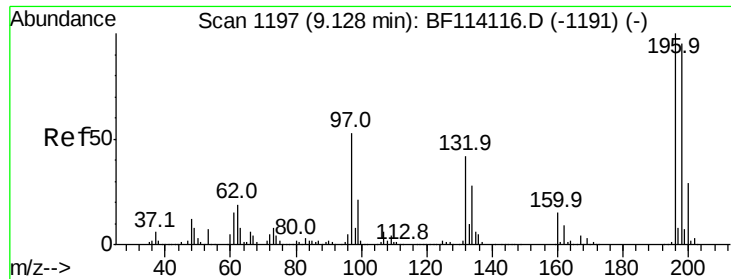
Acq: 22 May 2019 10:13

Tgt Ion:	330	Resp:	277968
Ion Ratio	Lower	Upper	
330	100		
332	102.7	81.4	122.2
141	33.3	26.6	40.0



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





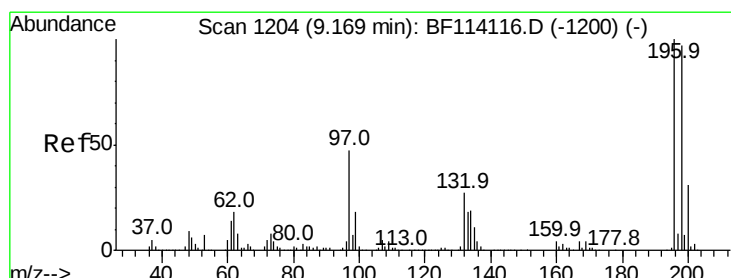
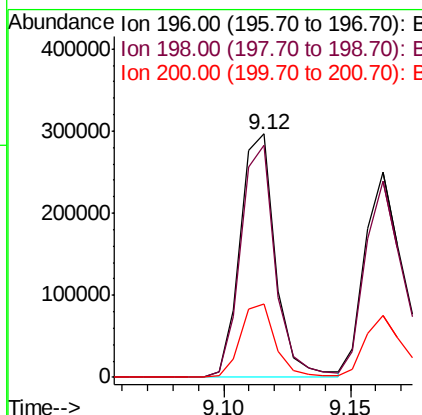
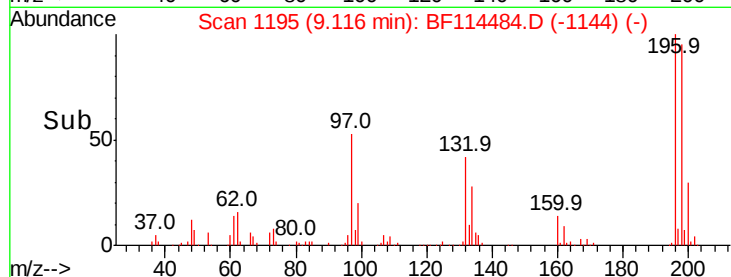
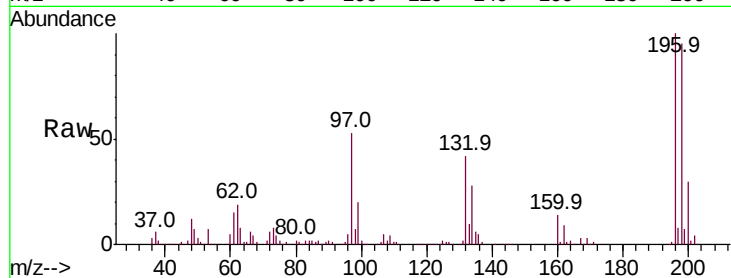
#43
 2,4,6-Trichlorophenol
 Concen: 38.911 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	287719
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.9	113.9
200	30.2	23.5	35.3

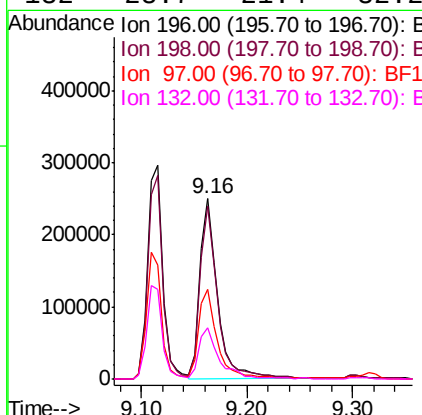
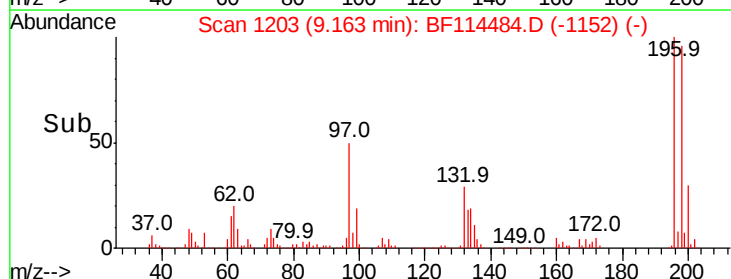
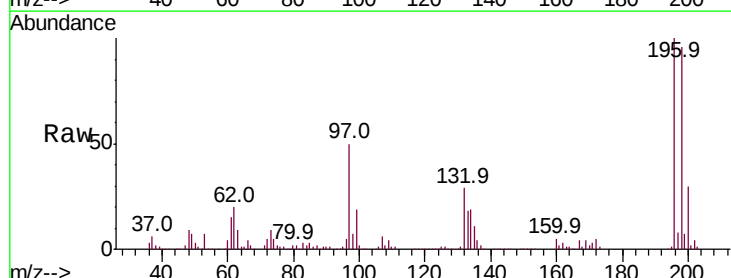
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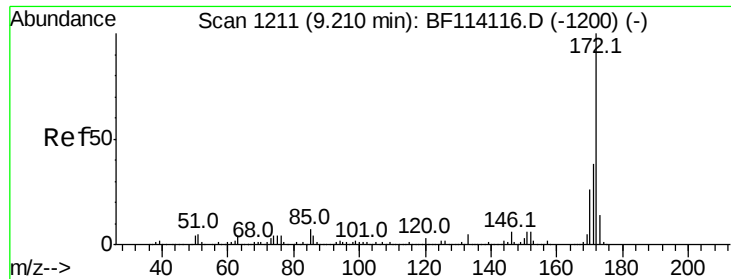
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 5/23/2019 4:07:32 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.109 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Tgt Ion:	196	Resp:	288988
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.7	116.5
97	49.7	38.2	57.2
132	28.7	21.4	32.2





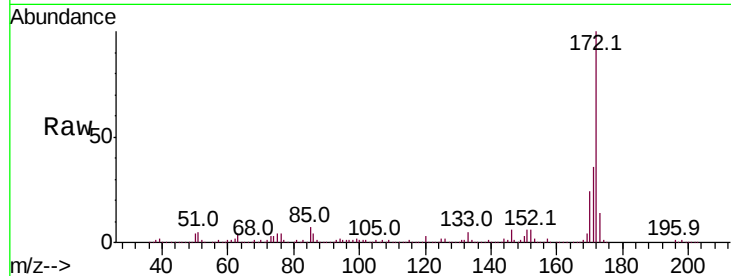
#45
2-Fluorobiphenyl
Concen: 77.768 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	24.4	20.5	30.7

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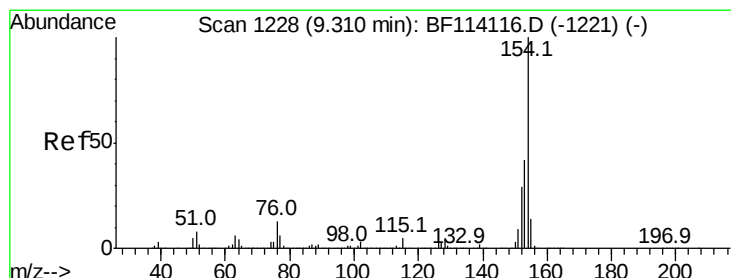
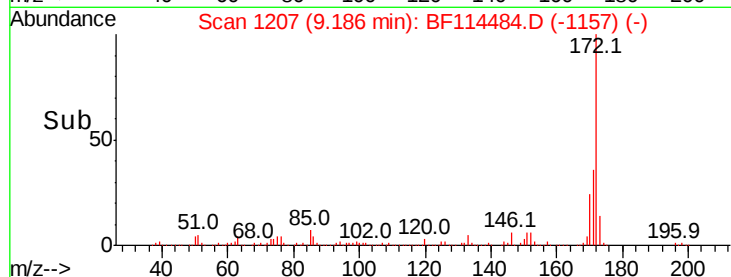
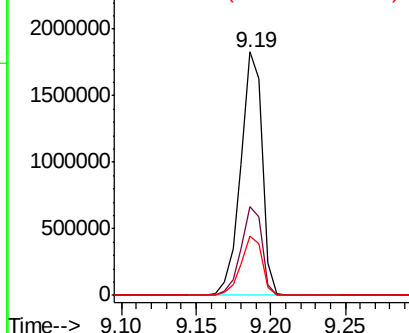


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.253 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

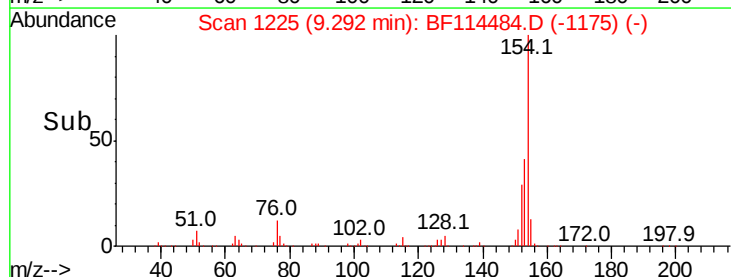
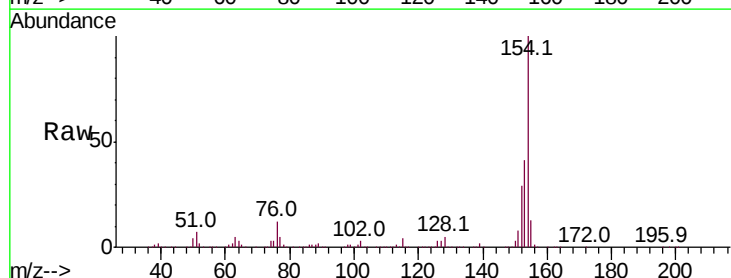
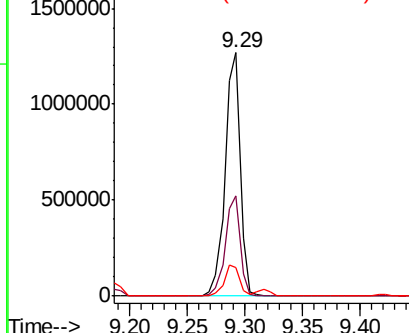
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.9	61.9
76	11.6	0.0	32.8

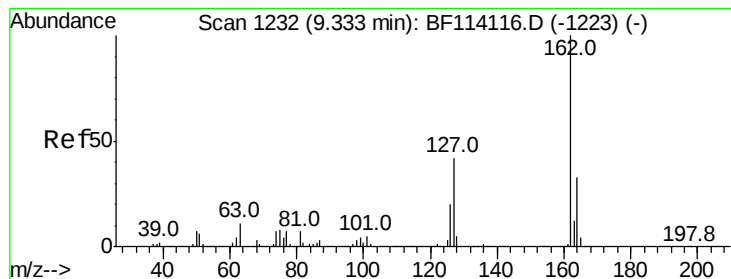
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





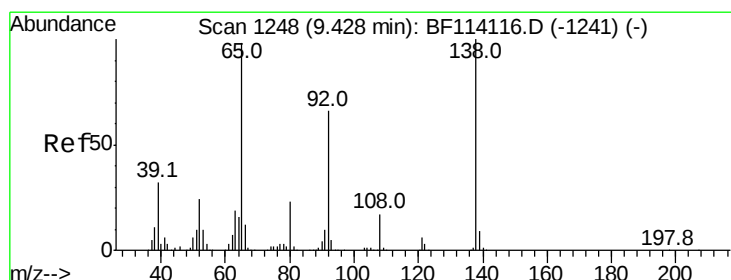
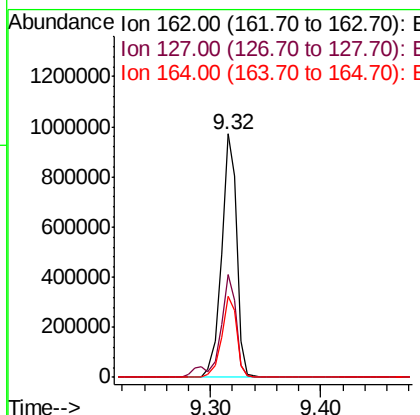
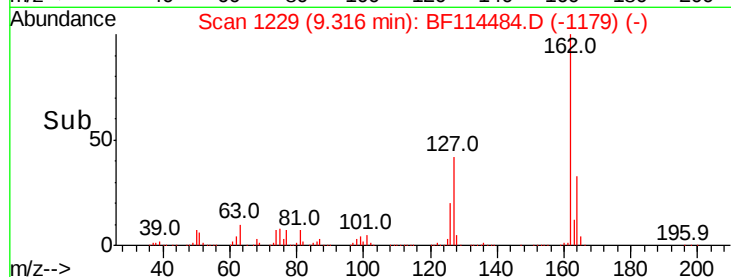
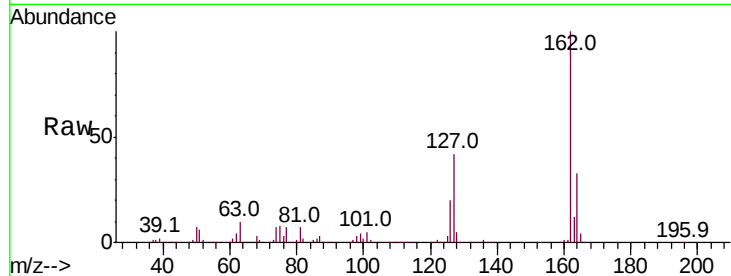
#47
 2-Chloronaphthalene
 Concen: 40.042 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	923890
Ion Ratio	Lower	Upper	
162	100		
127	42.4	34.0	51.0
164	33.1	26.7	40.1

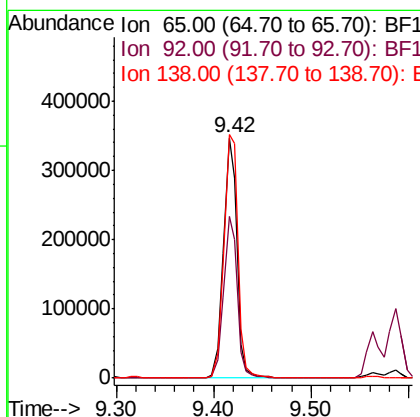
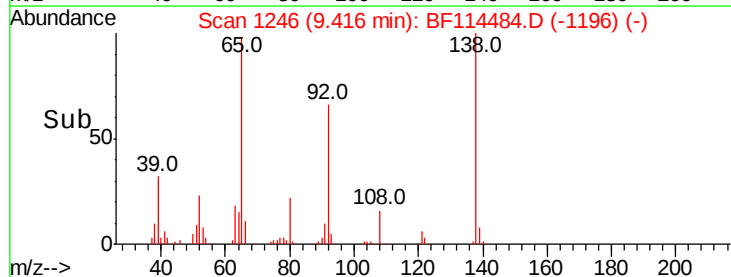
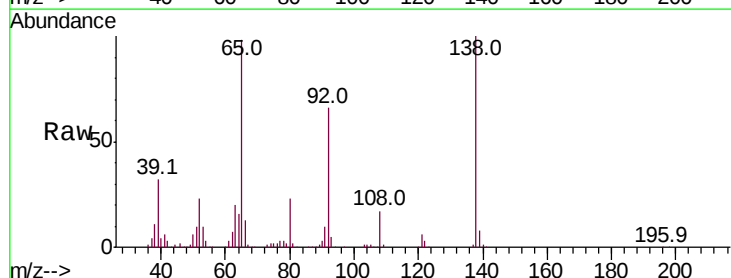
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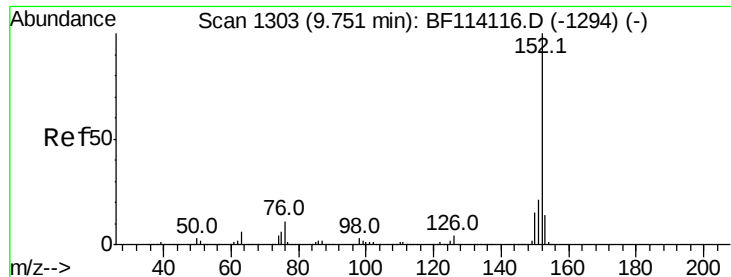
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#48
 2-Nitroaniline
 Concen: 40.738 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Tgt Ion:	65	Resp:	333352
Ion Ratio	Lower	Upper	
65	100		
92	67.2	53.9	80.9
138	101.6	81.4	122.0





#49

Acenaphthylene

Concen: 40.390 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1417389

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

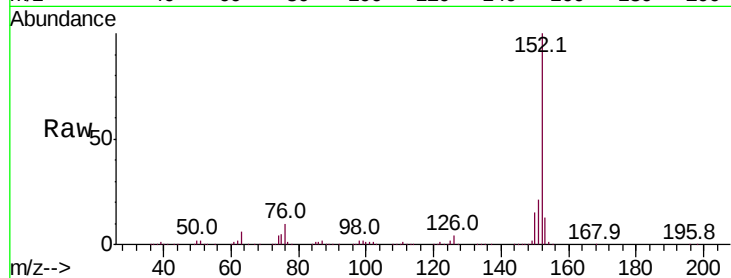
153 13.4 11.4 17.2

Manual Integrations

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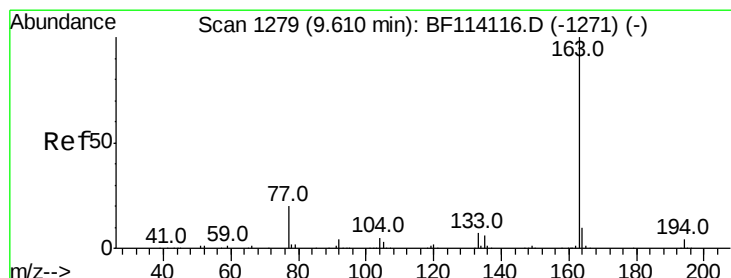
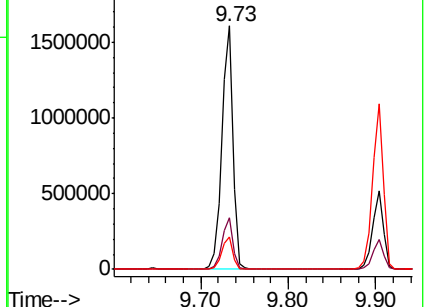
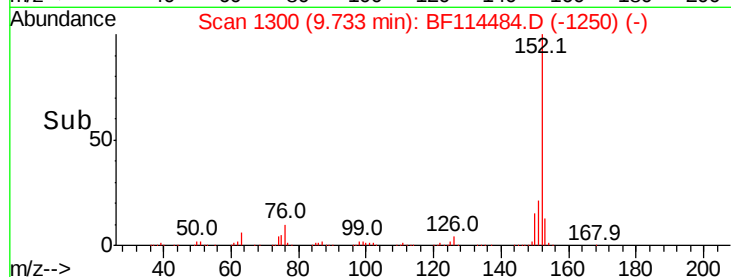
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.487 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

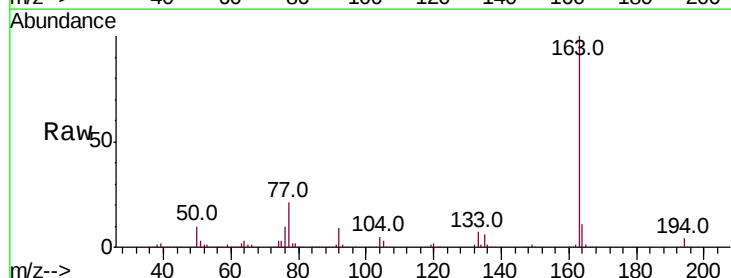
Tgt Ion:163 Resp: 1054760

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

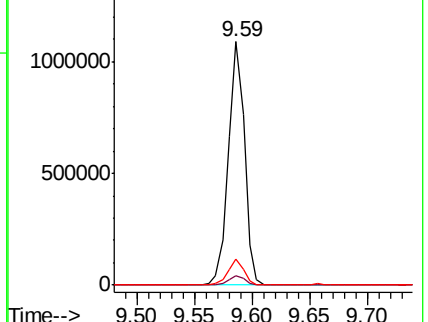
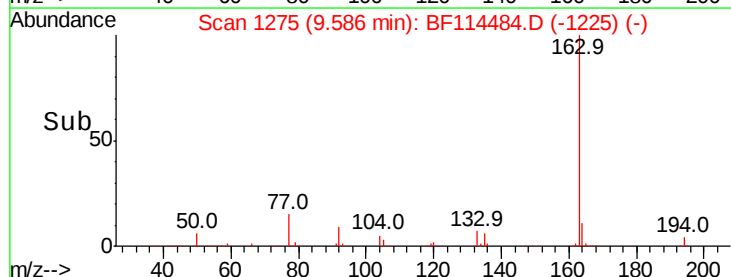
164 10.6 8.2 12.2

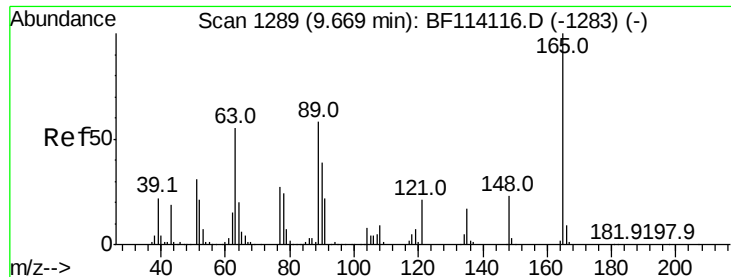


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.793 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

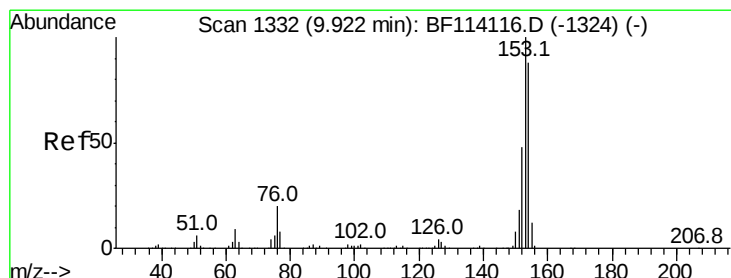
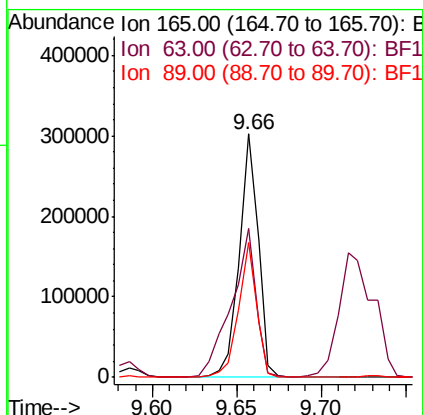
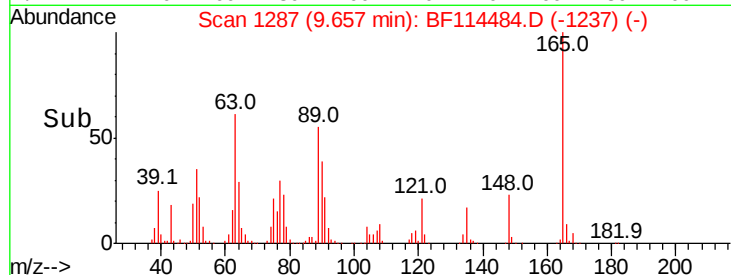
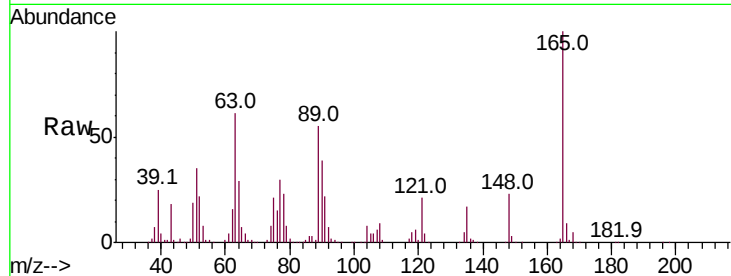
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	235710
Ion Ratio	Lower	Upper	
165	100		
63	61.3	50.2	75.4
89	55.2	46.6	69.8

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#52

Acenaphthene

Concen: 39.254 ng

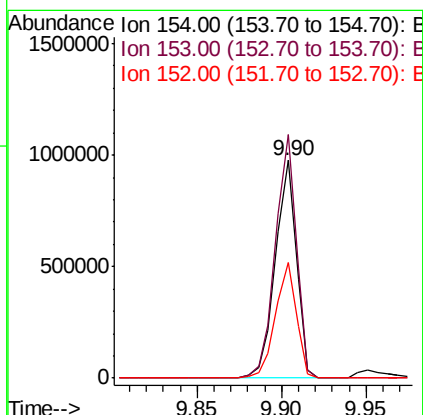
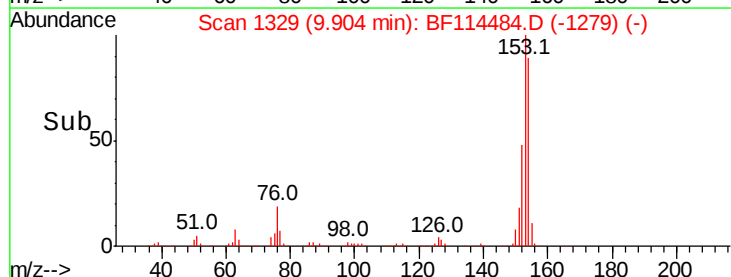
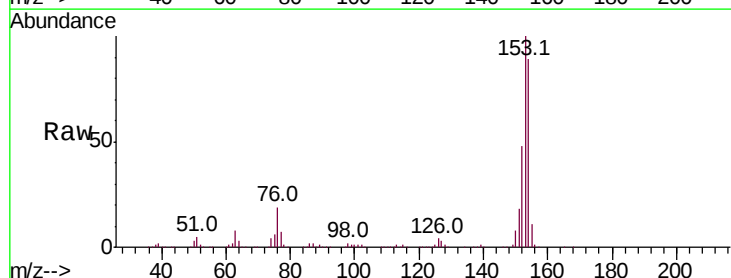
RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Tgt Ion:	154	Resp:	845319
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.5	135.7
152	53.3	43.4	65.2





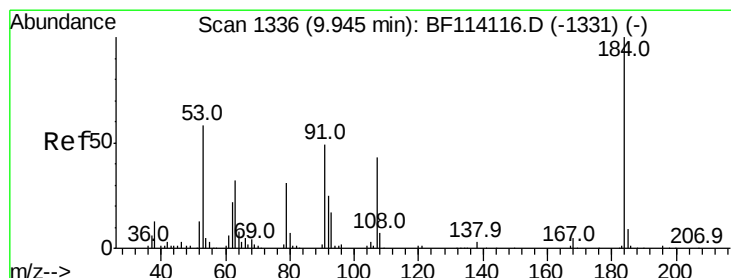
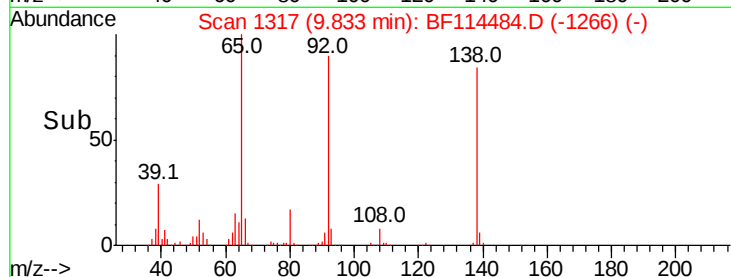
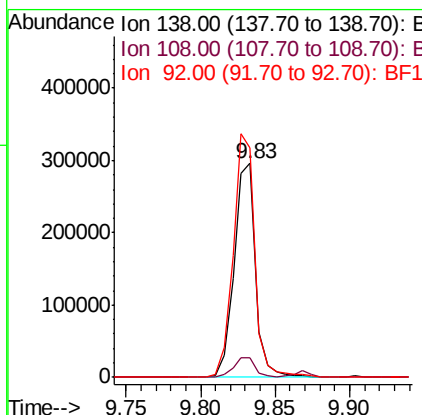
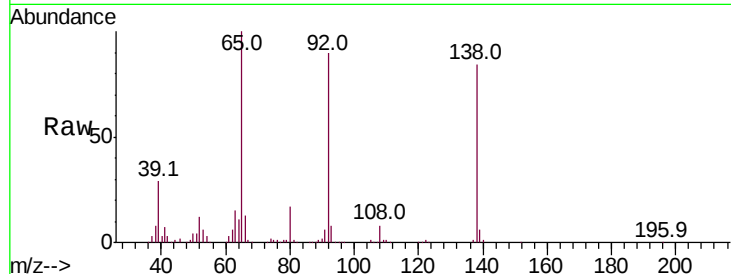
#53
3-Nitroaniline
Concen: 41.643 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.8	11.6
92	107.4	91.2	136.8

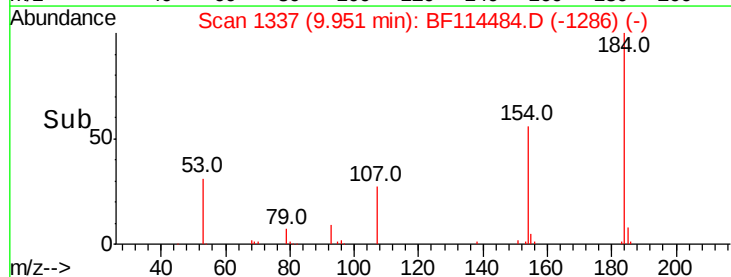
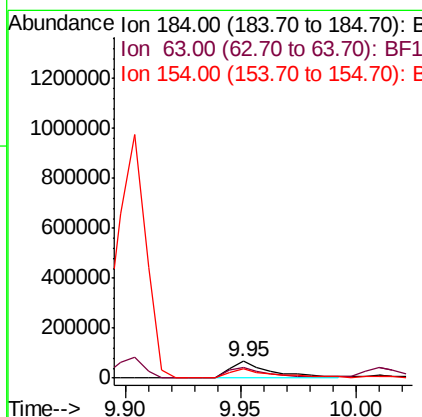
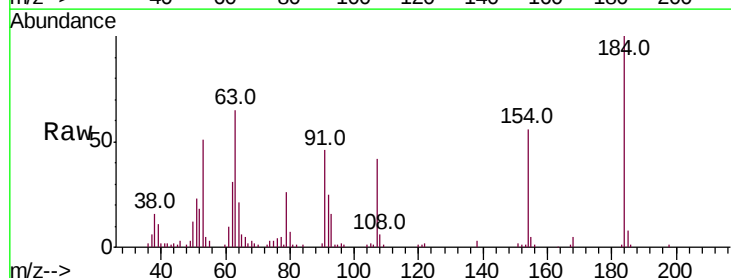
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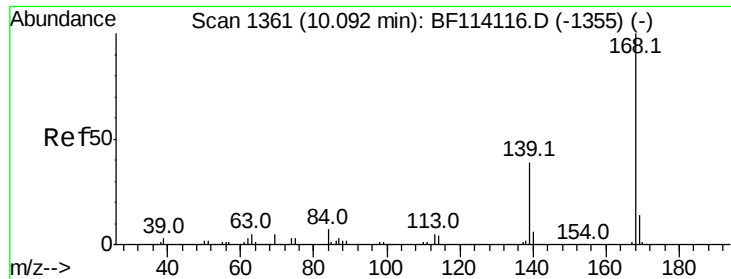
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#54
2,4-Dinitrophenol
Concen: 33.325 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	55.6	83.4
154	55.8	46.0	69.0





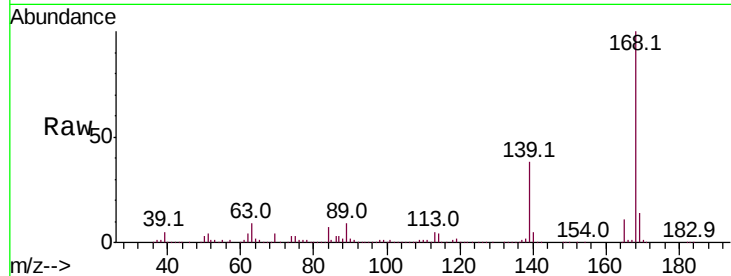
#55
Dibenzofuran
Concen: 38.561 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

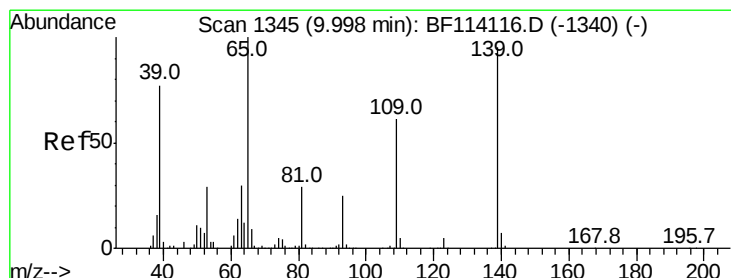
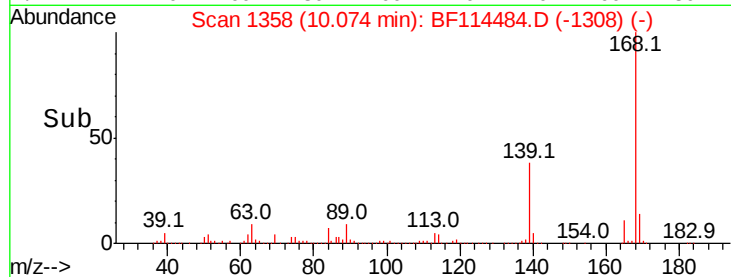
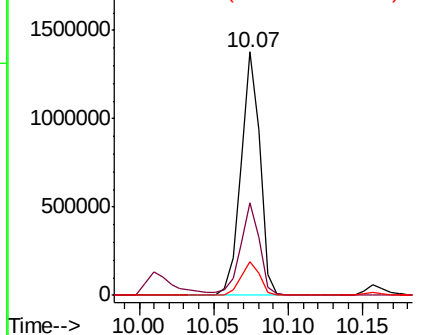
Tot Ion:168 Resp: 1217623
Ion Ratio Lower Upper
168 100
139 38.3 31.1 46.7
169 13.8 11.4 17.0

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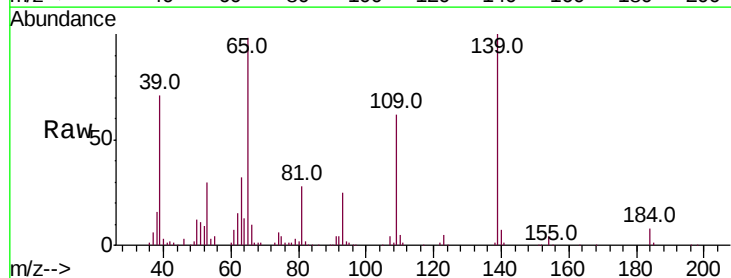


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

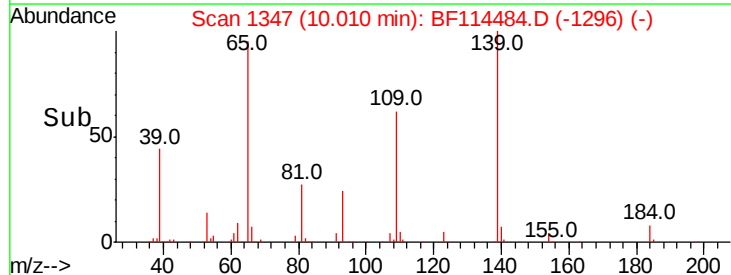
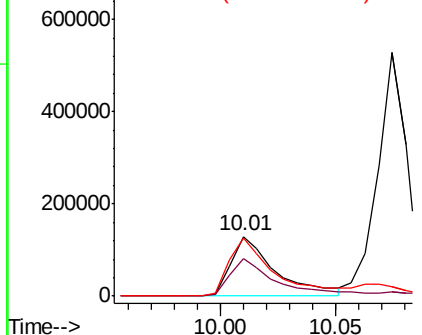


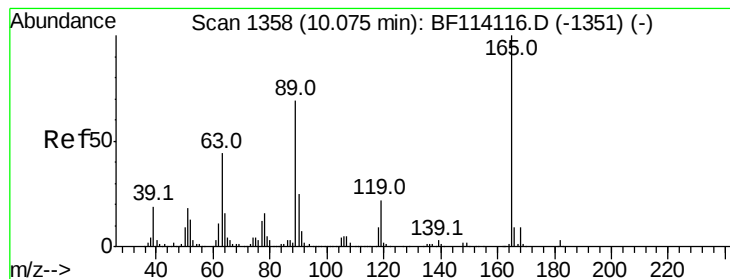
#56
4-Nitrophenol
Concen: 34.324 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion:139 Resp: 174111
Ion Ratio Lower Upper
139 100
109 62.1 43.9 83.9
65 97.9 85.7 125.7



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: 38.223 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 299773

Ion Ratio Lower Upper

165 100

63 57.8 35.5 53.3#

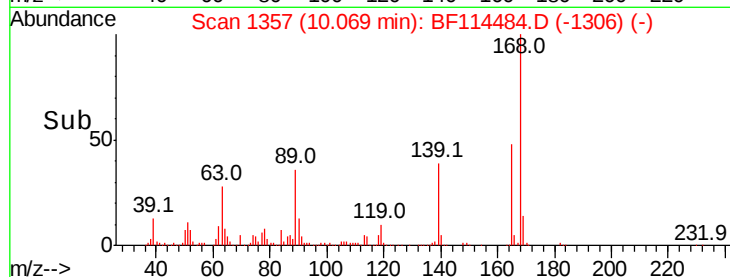
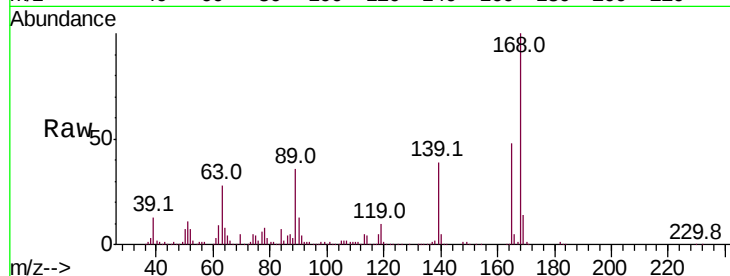
89 75.9 55.2 82.8

182 2.6 2.2 3.2

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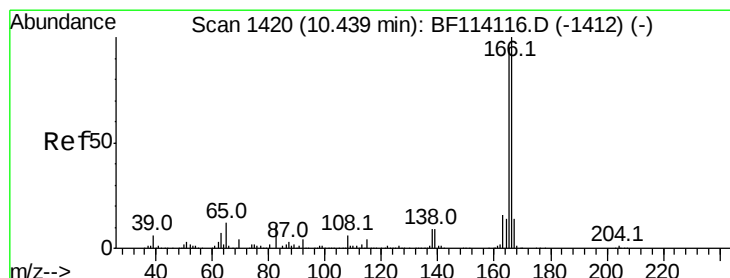
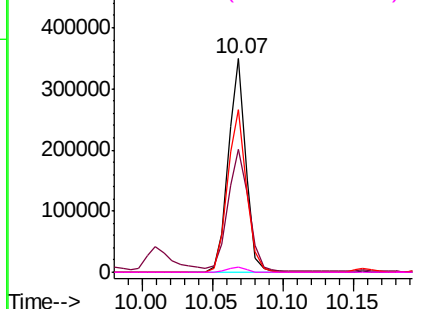


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.802 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

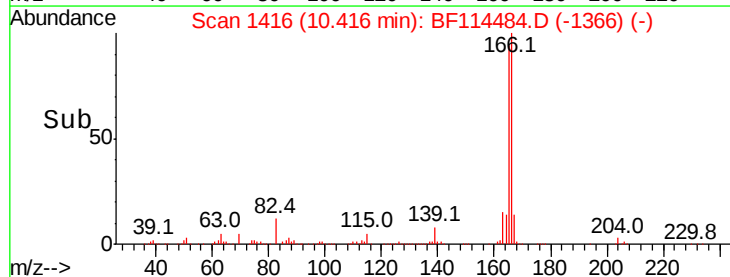
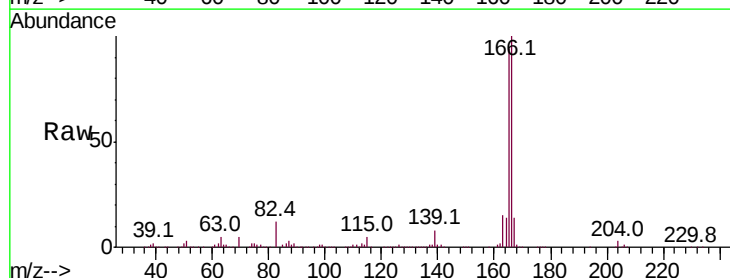
Tgt Ion:166 Resp: 995172

Ion Ratio Lower Upper

166 100

165 94.1 76.1 114.1

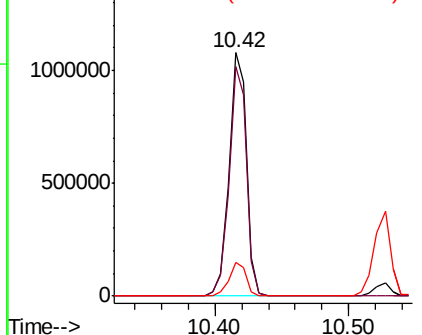
167 13.9 11.1 16.7

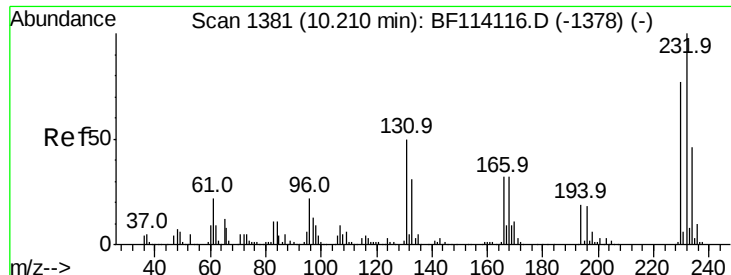


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





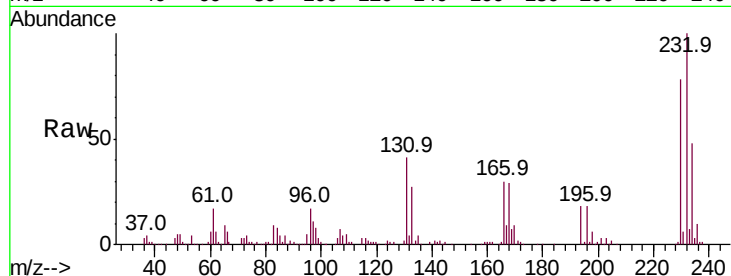
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.954 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	248331		
131	44.4		35.6	53.4
130	2.2		1.6	2.4
166	28.6		24.1	36.1

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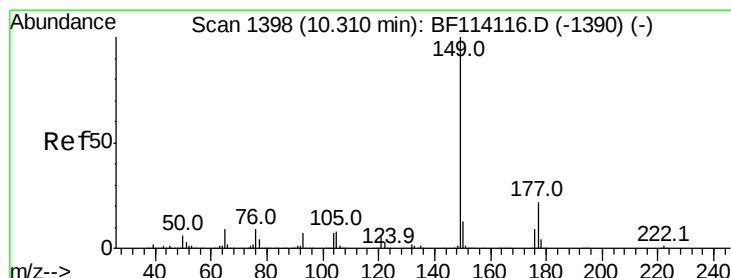
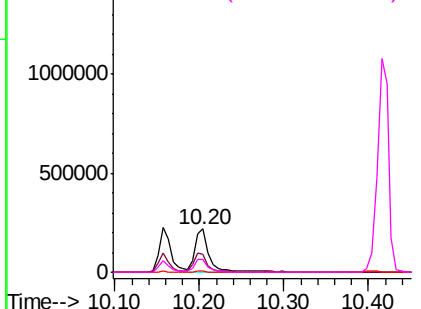
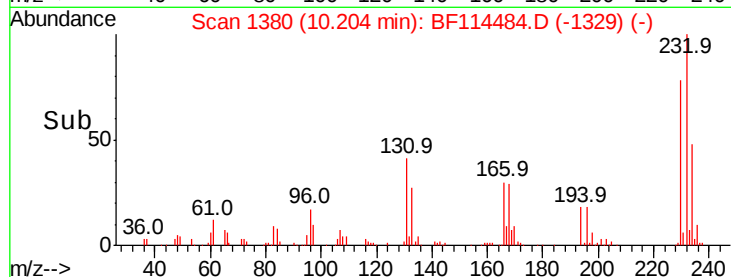
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

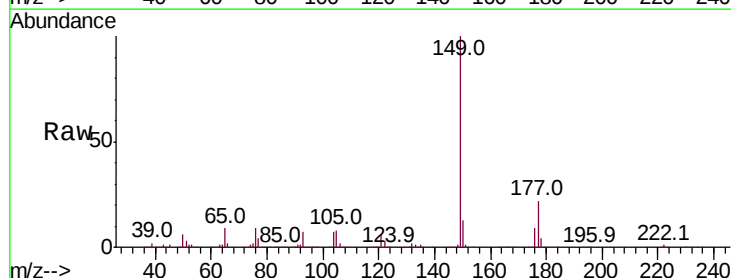
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.415 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1043328		
177	21.8		17.8	26.6
150	12.5		10.2	15.2

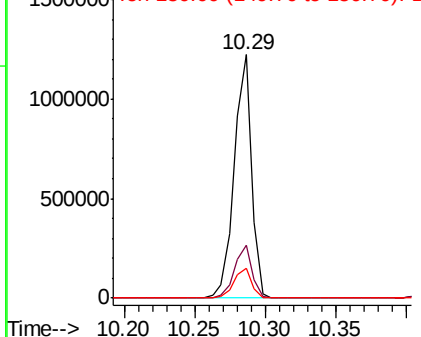
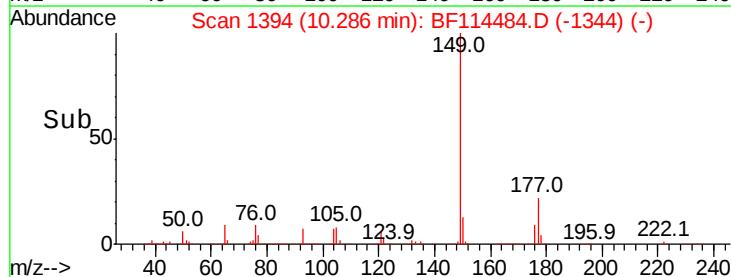


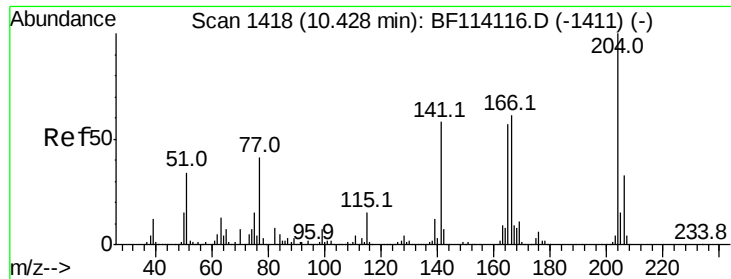
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





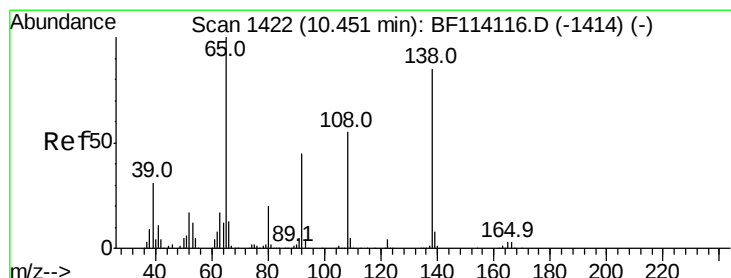
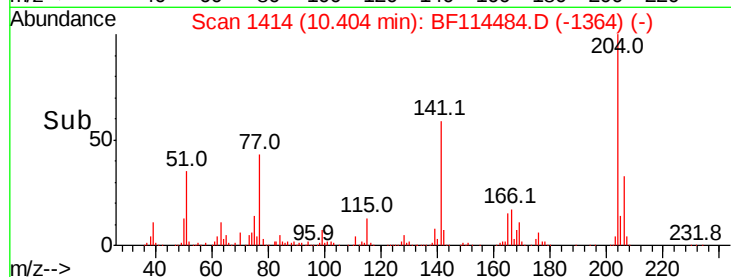
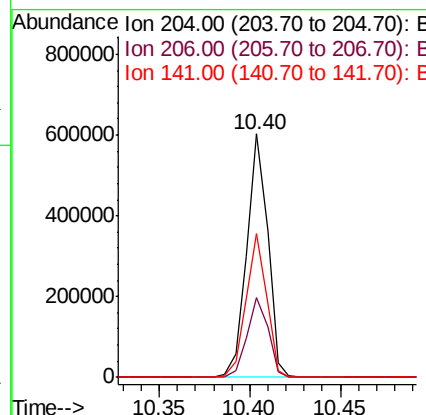
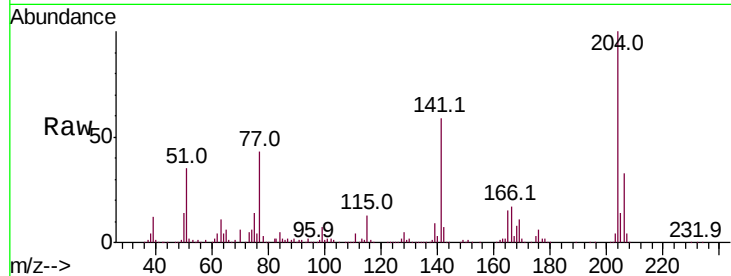
#61
 4-Chlorophenyl-phenylether
 Concen: 40.551 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	59.1	46.4	69.6

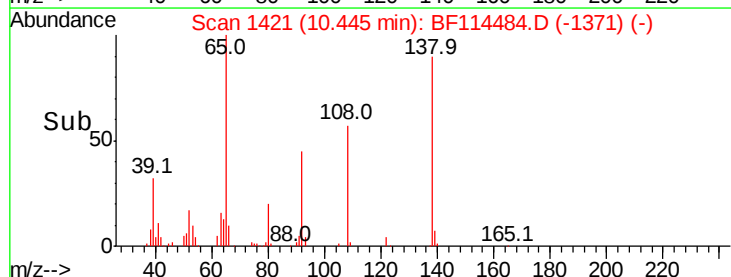
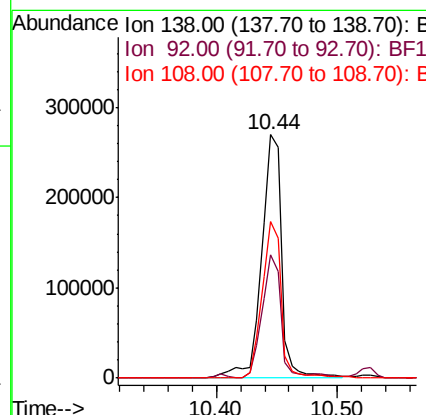
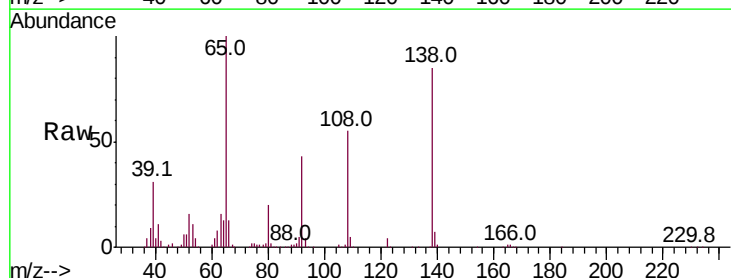
Manual Integrations
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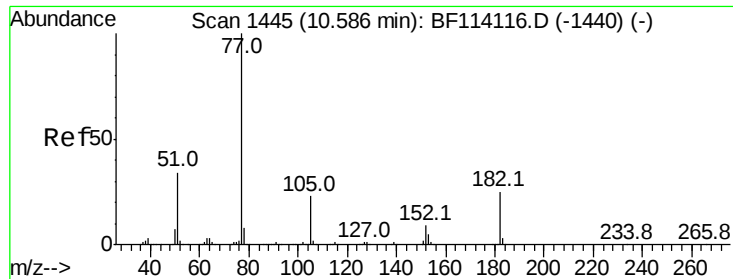
mohammad
 5/23/2019 4:07:32 AM



#62
 4-Nitroaniline
 Concen: 41.854 ng
 RT: 10.44 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	33.0	73.0
108	64.3	44.9	84.9





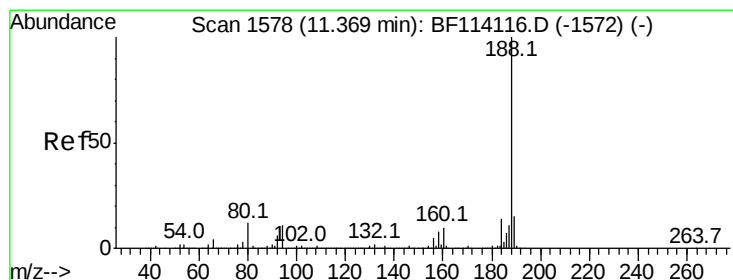
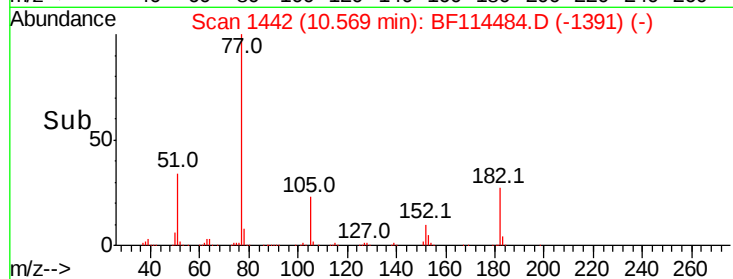
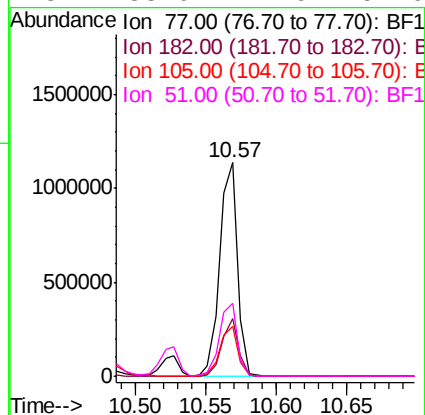
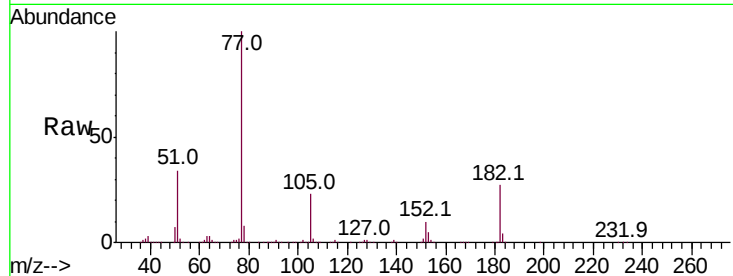
#63
Azobenzene
Concen: 38.880 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.7	44.7
105	23.2	2.9	42.9
51	33.9	14.6	54.6

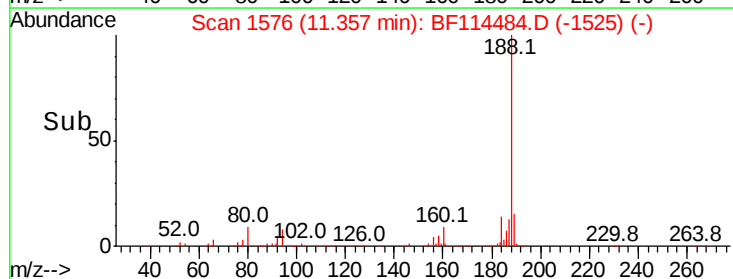
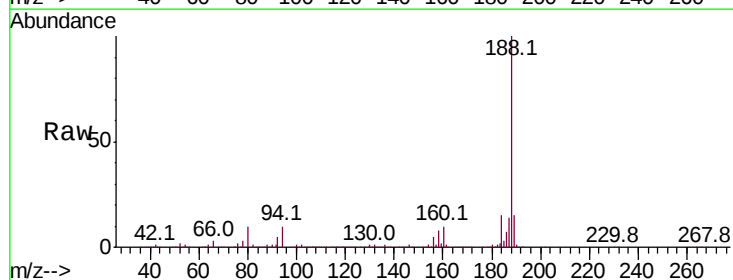
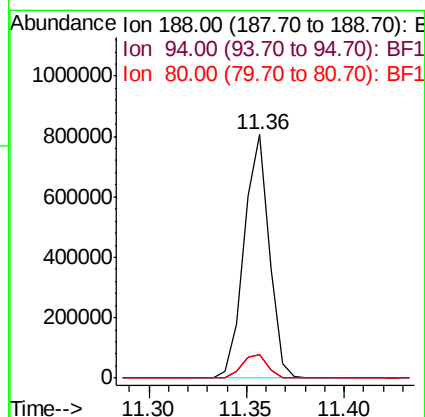
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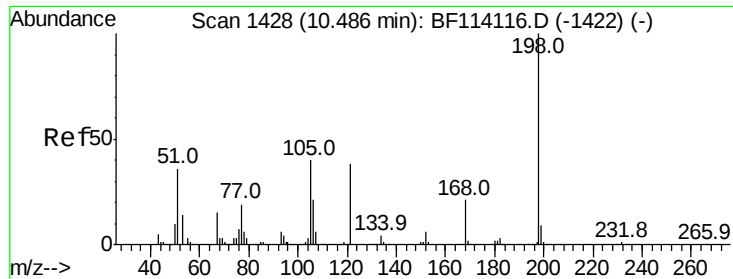
mohammad
5/23/2019 4:07:32 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.4	12.6
80	9.6	9.2	13.8





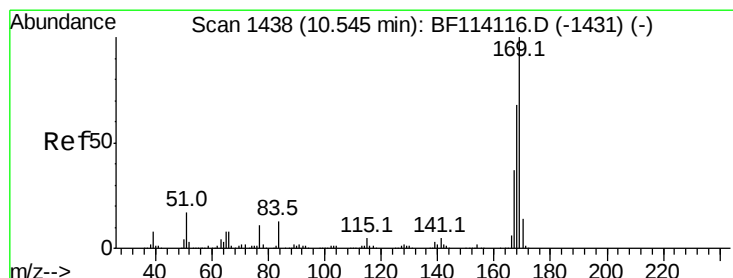
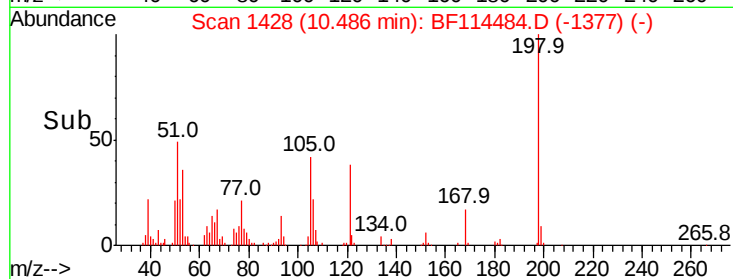
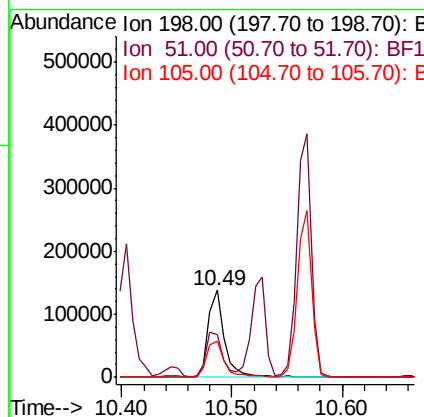
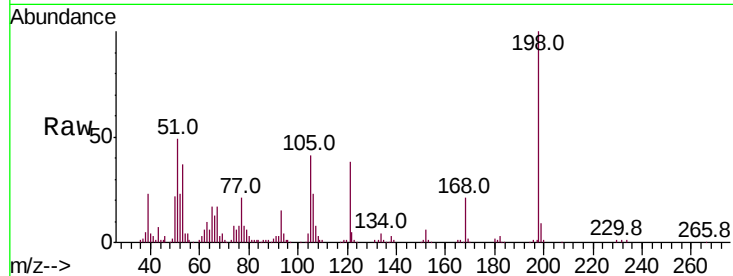
#65
4,6-Dinitro-2-methylphenol
Concen: 39.900 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	137848		
51	48.6	28.0	68.0	
105	41.3	21.1	61.1	

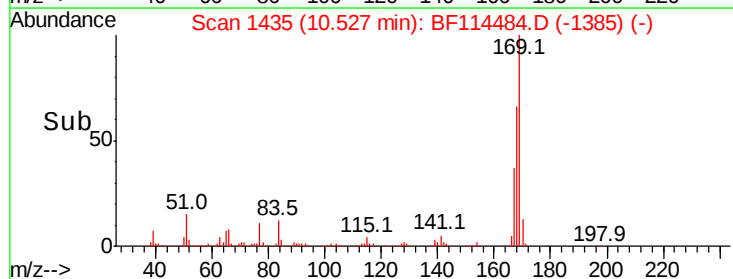
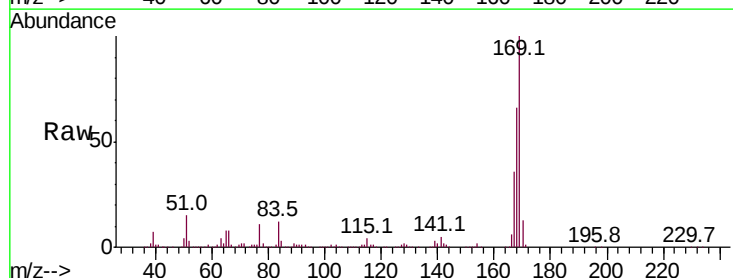
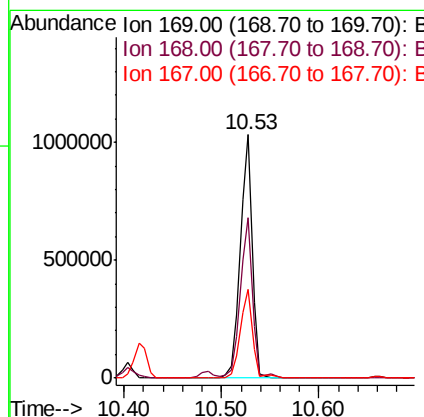
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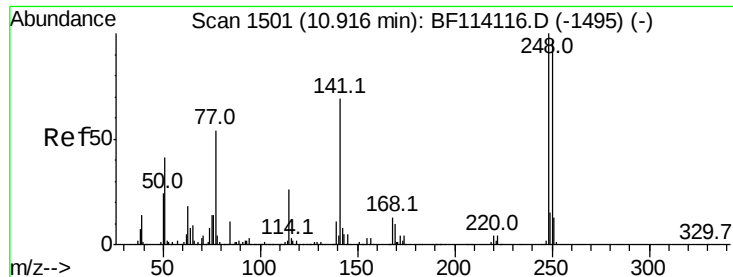
mohammad
5/23/2019 4:07:32 AM



#66
n-Nitrosodiphenylamine
Concen: 40.164 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	876422		
168	65.9	54.2	81.2	
167	36.5	29.8	44.8	





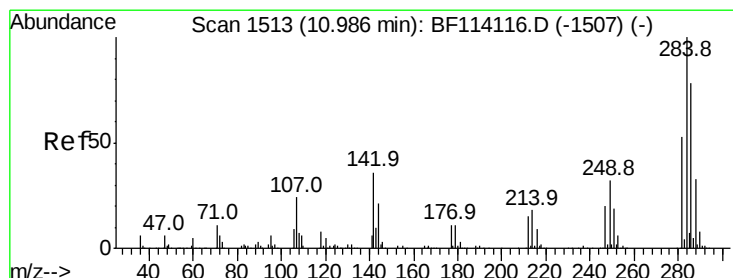
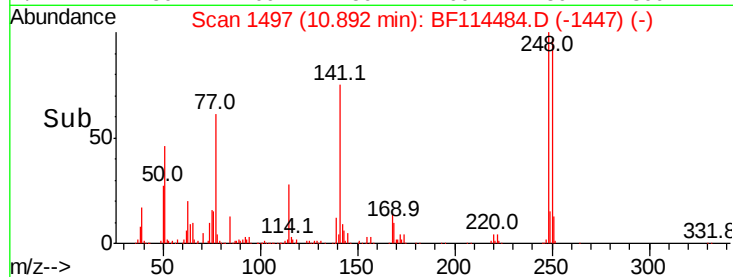
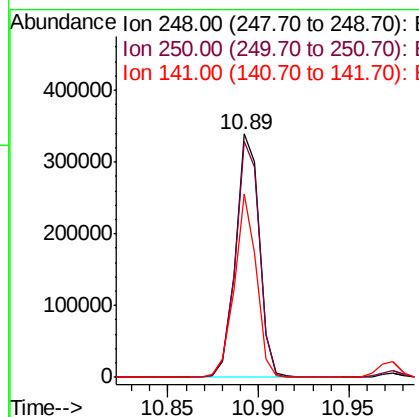
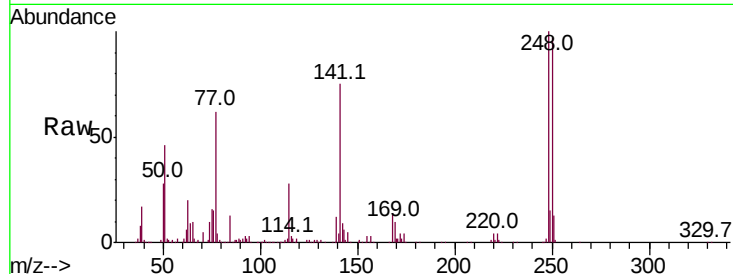
#67
4-Bromophenyl-phenylether
Concen: 39.035 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.4	116.2
141	75.1	55.6	83.4

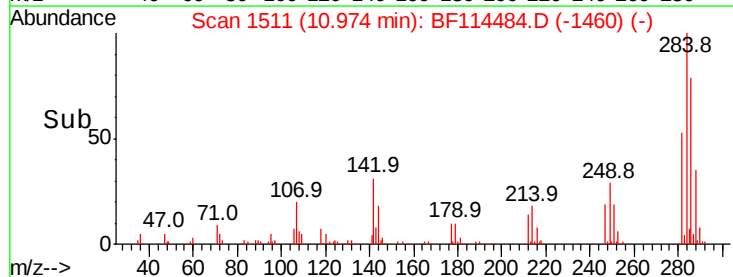
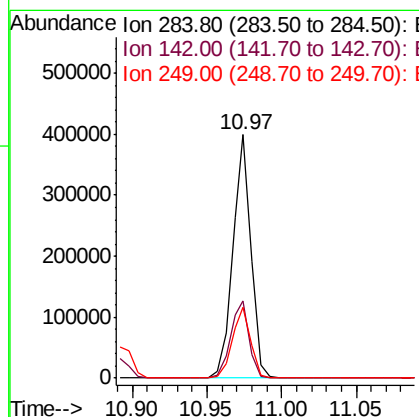
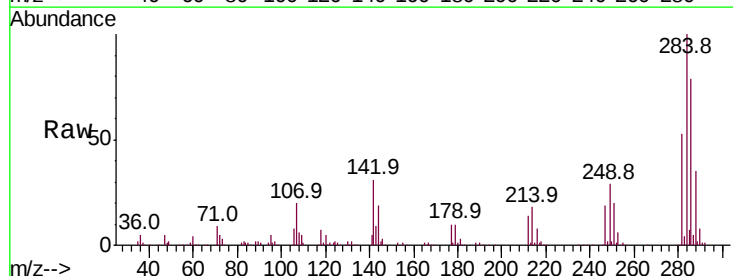
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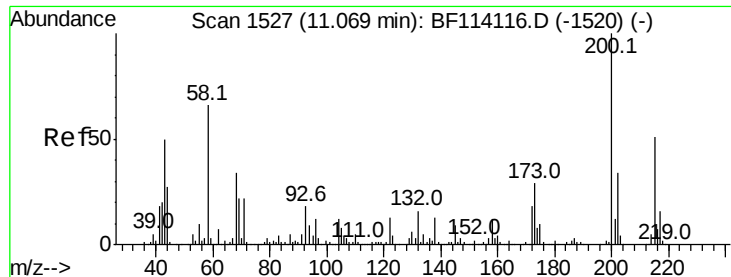
mohammad
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#68
Hexachlorobenzene
Concen: 39.146 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	28.4	42.6
249	29.3	25.2	37.8





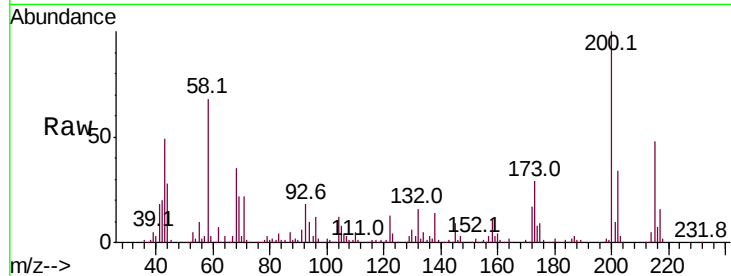
#69
Atrazine
Concen: 38.429 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

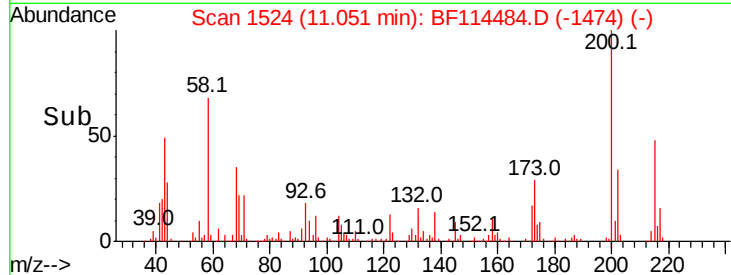
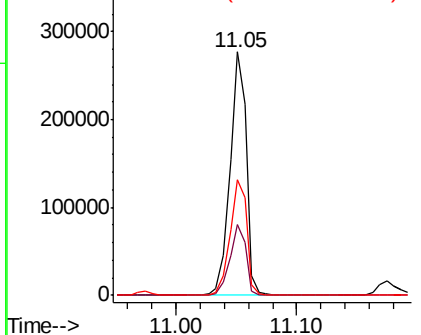
Tot Ion	Ratio	Resp	Lower	Upper
200	100	260963		
173	29.0	8.9	48.9	
215	47.7	30.7	70.7	

Manual Integrations
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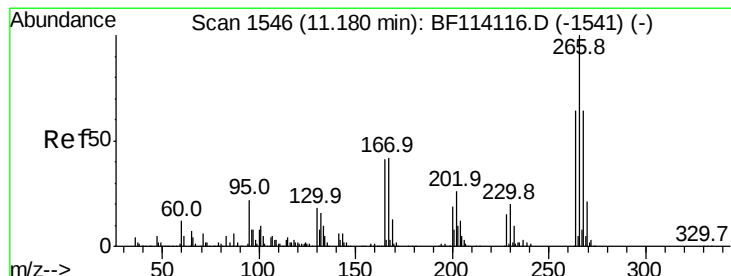


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

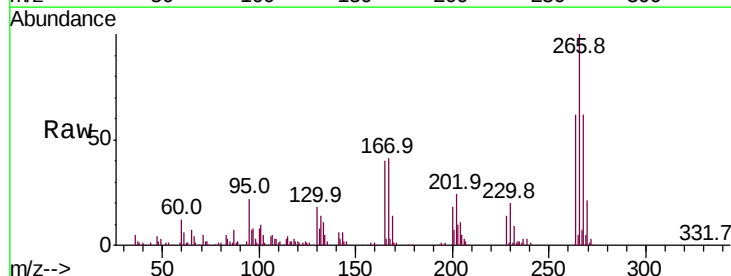
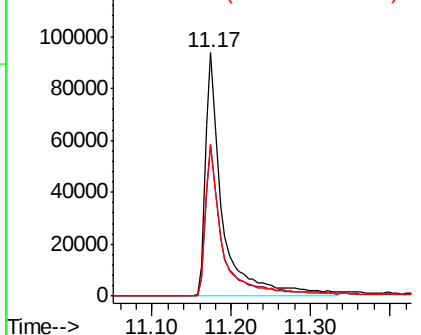


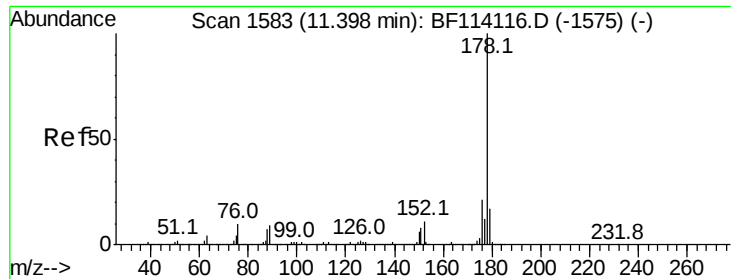
#70
Pentachlorophenol
Concen: 34.478 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	143132		
268	62.4	51.1	76.7	
264	62.5	51.1	76.7	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.286 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1444181

Ion Ratio Lower Upper

178 100

176 19.6 16.4 24.6

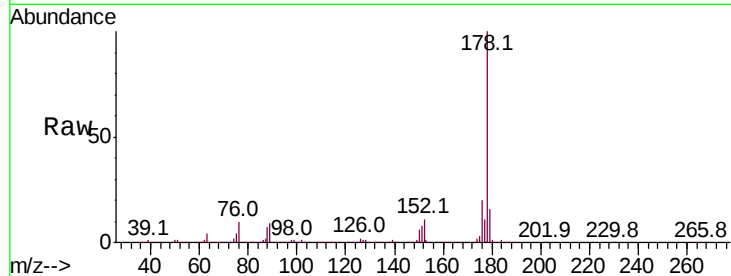
179 16.0 13.2 19.8

Manual Integrations

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mohammad

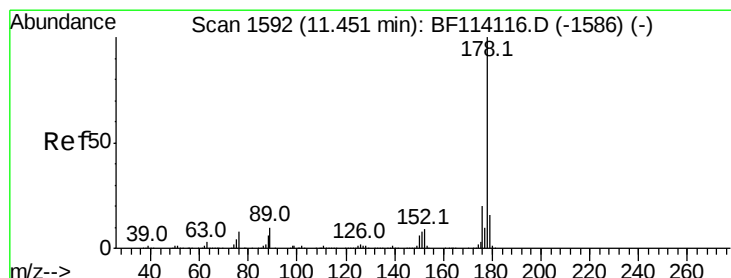
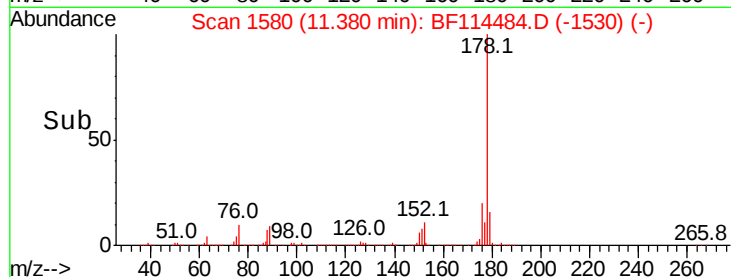
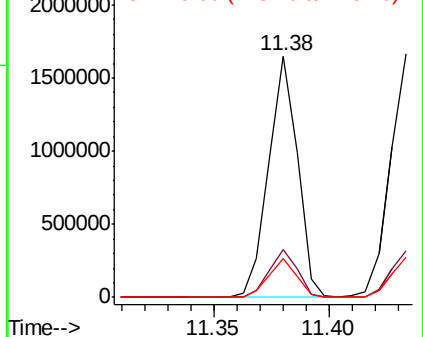
5/23/2019 4:07:32 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.551 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Tgt Ion:178 Resp: 1459852

Ion Ratio Lower Upper

178 100

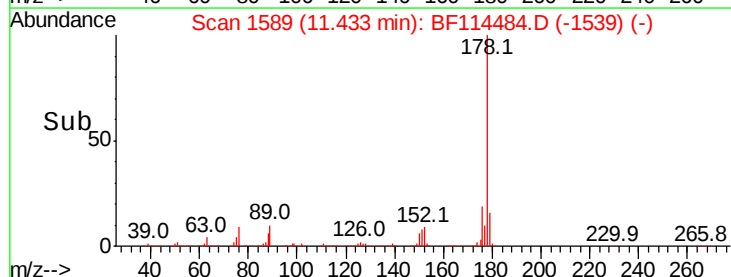
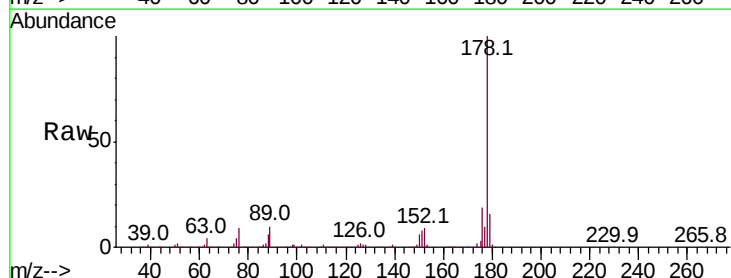
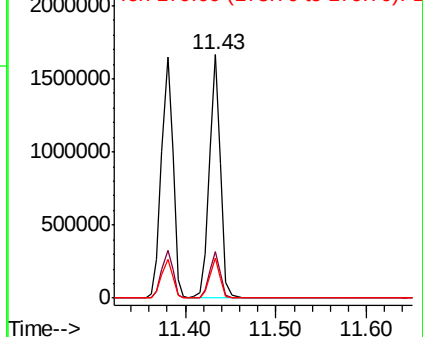
176 19.1 15.8 23.8

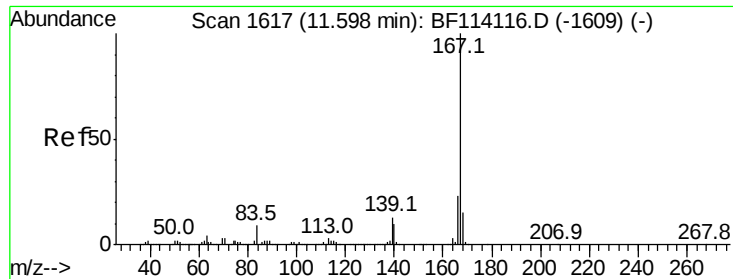
179 16.3 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





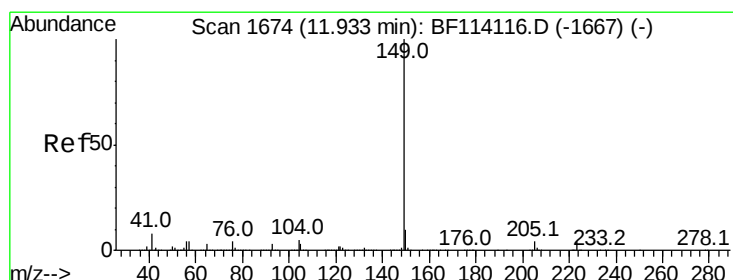
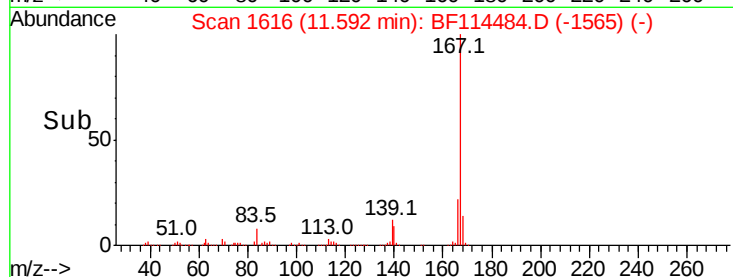
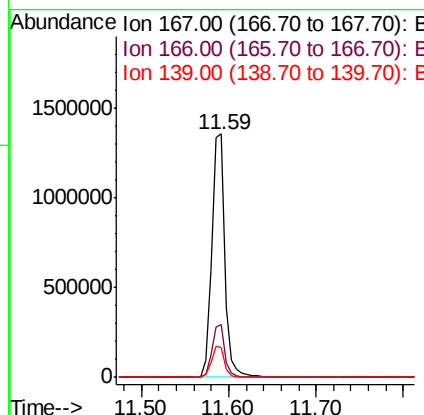
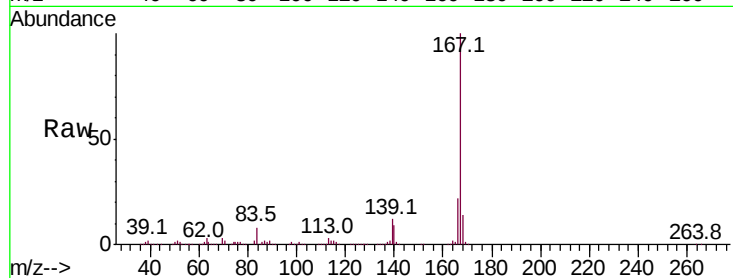
#73
 Carbazole
 Concen: 42.306 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	12.0	10.6	16.0

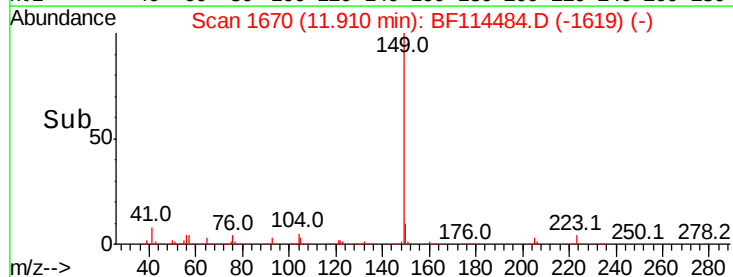
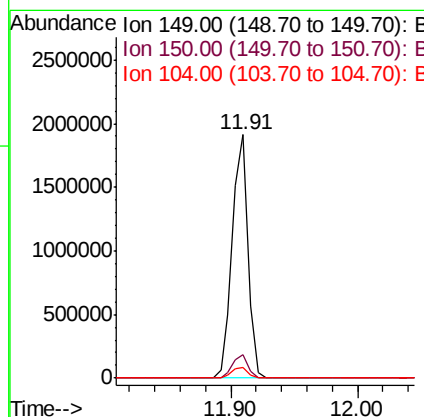
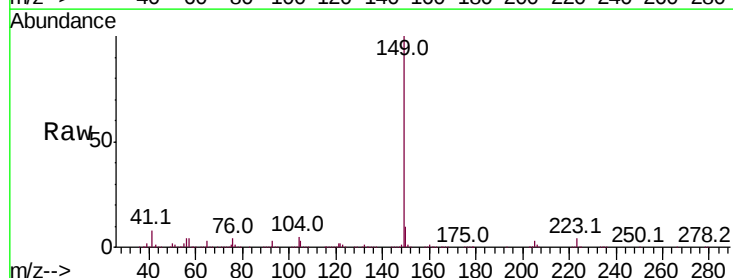
Manual Integrations
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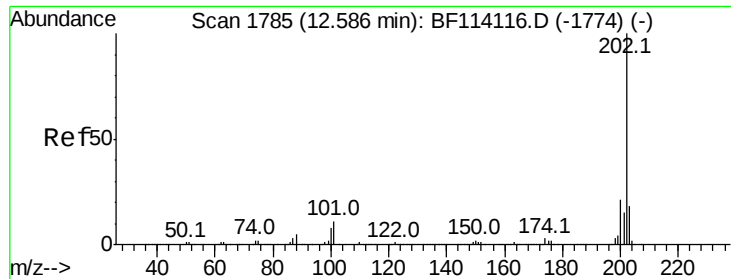
mohammad
 5/23/2019 4:07:32 AM



#74
 Di-n-butylphthalate
 Concen: 42.268 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 41.729 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

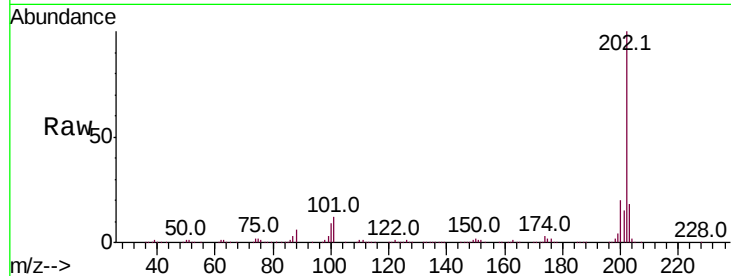
ClientSampleId :

SSTDCCC040

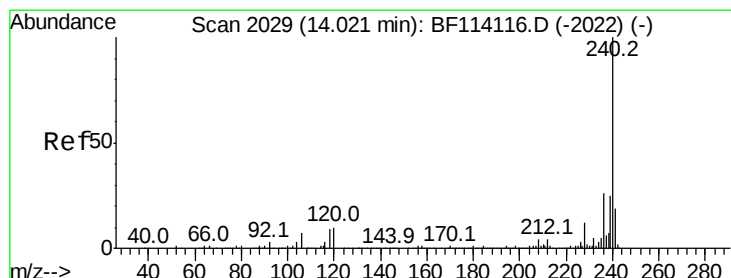
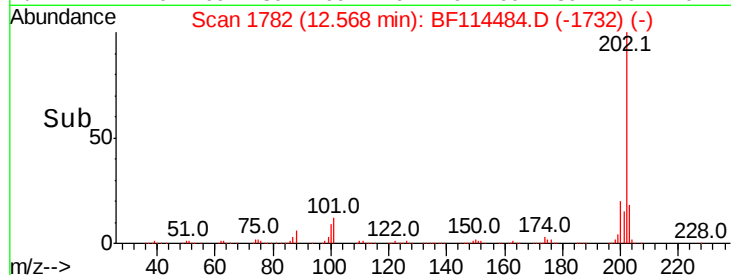
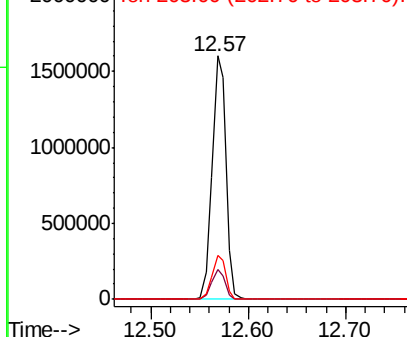
Tot Ion:	202	Resp:	1571866
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.0
203	18.0	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

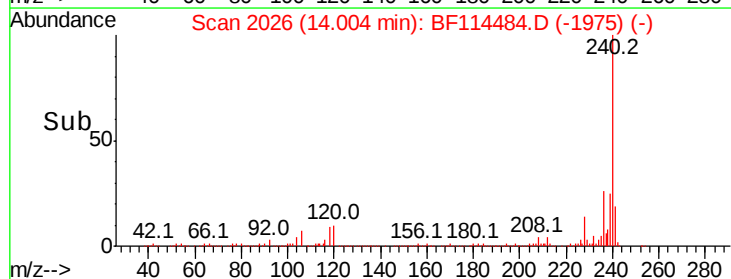
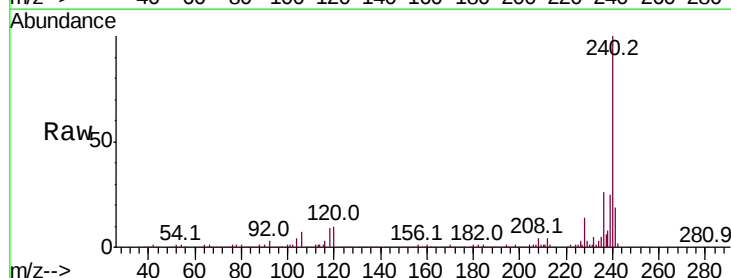
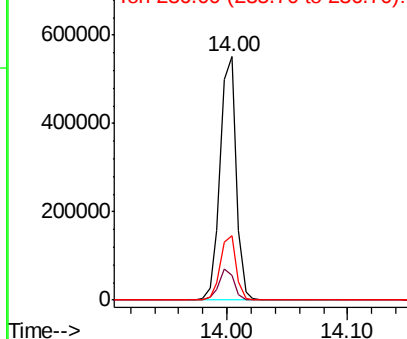
Delta R.T. 0.00 min

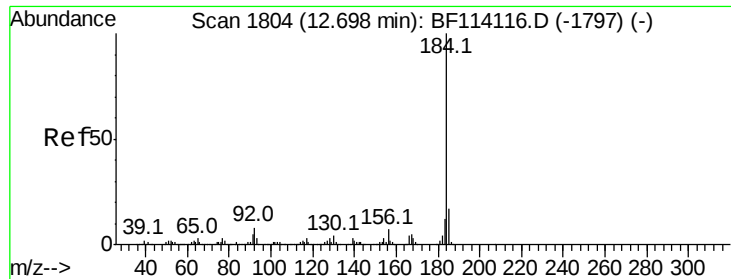
Lab File: BF114484.D

Acq: 22 May 2019 10:13

Tgt Ion:	240	Resp:	503316
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	26.3	20.8	31.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.410 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

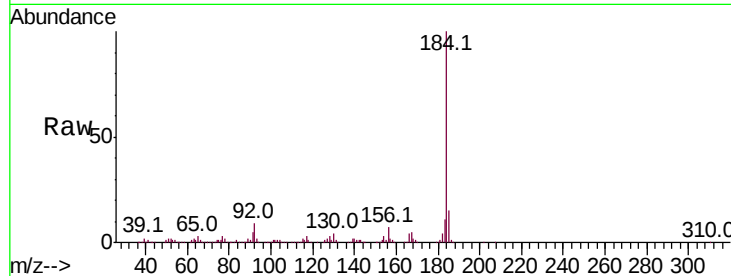
ClientSampleId :

SSTDCCC040

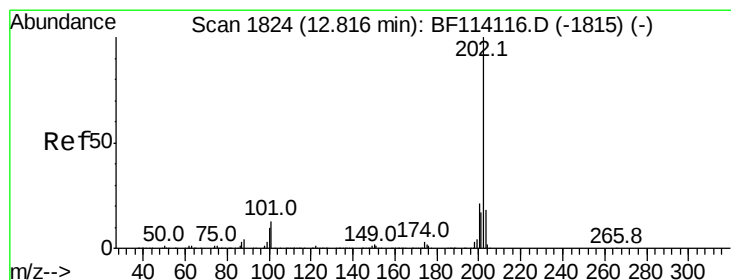
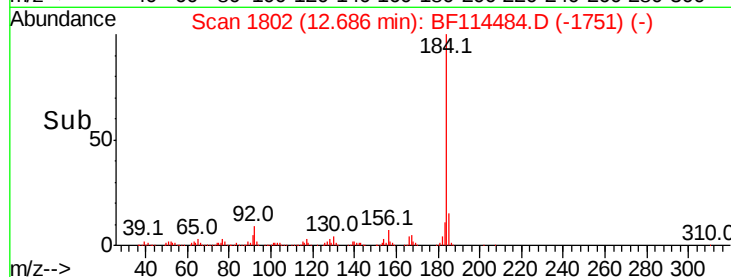
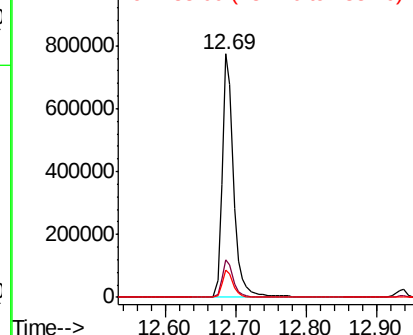
Tot Ion:	184	Resp:	867799
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.6	20.4
183	11.0	9.2	13.8

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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: 39.100 ng

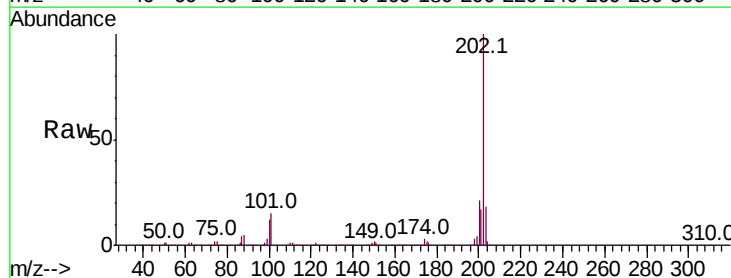
RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

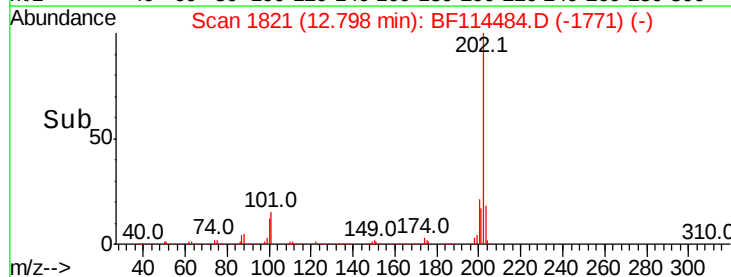
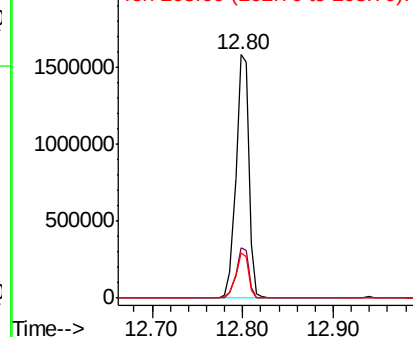
Lab File: BF114484.D

Acq: 22 May 2019 10:13

Tgt Ion:	202	Resp:	1583143
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	18.4	14.5	21.7



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





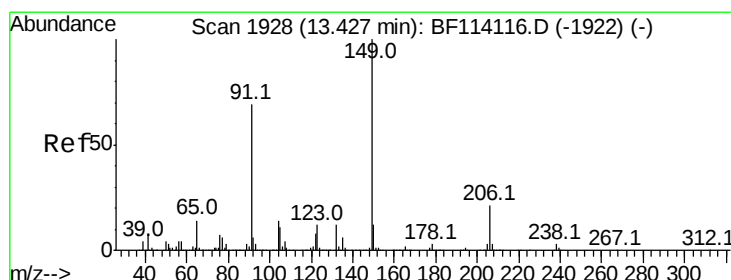
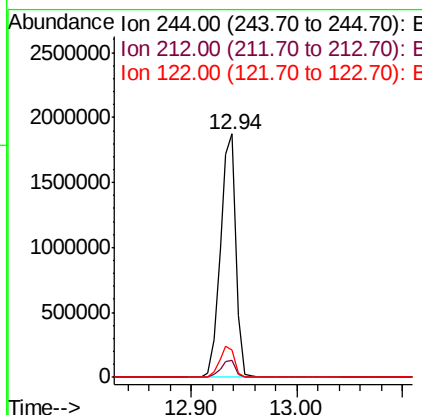
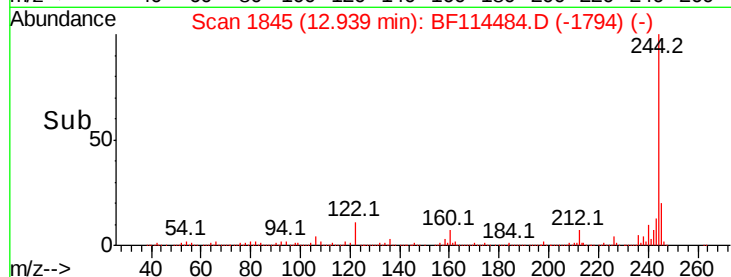
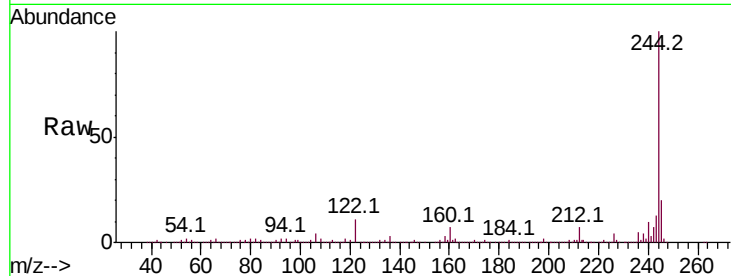
#79
 Terphenyl-d14
 Concen: 78.591 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	11.5	9.4	14.2

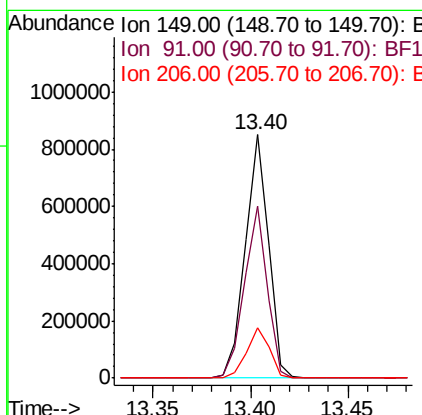
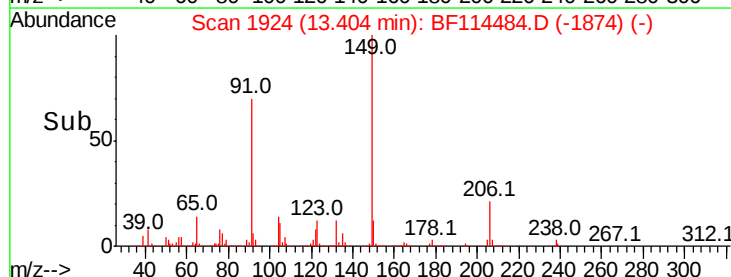
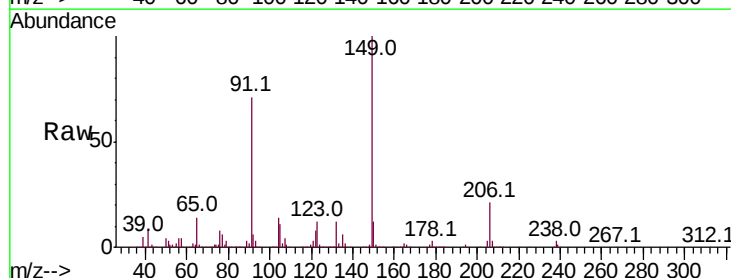
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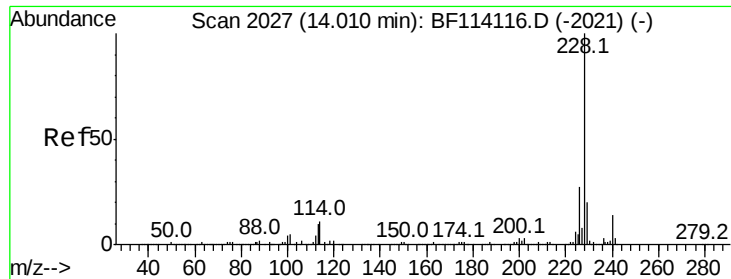
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#80
 Butylbenzylphthalate
 Concen: 41.152 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	55.0	82.4
206	20.9	16.9	25.3





#81

Benzo(a)anthracene

Concen: 41.665 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Instrument :

BNA_F

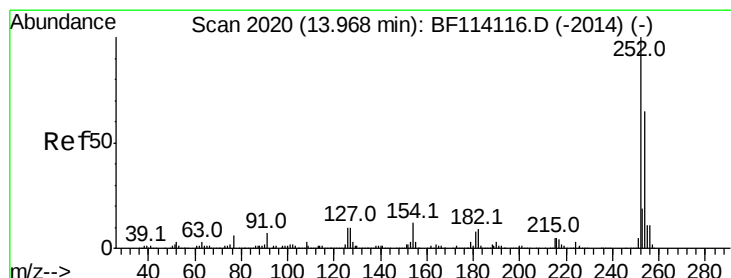
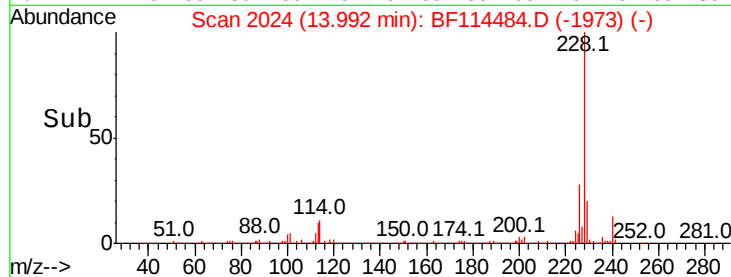
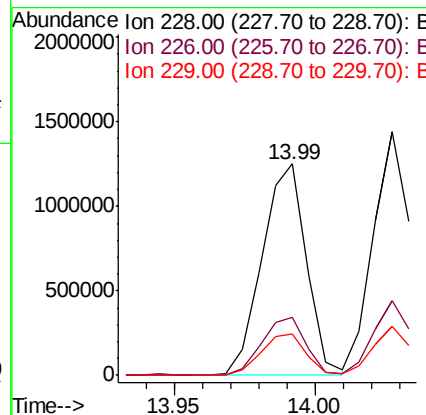
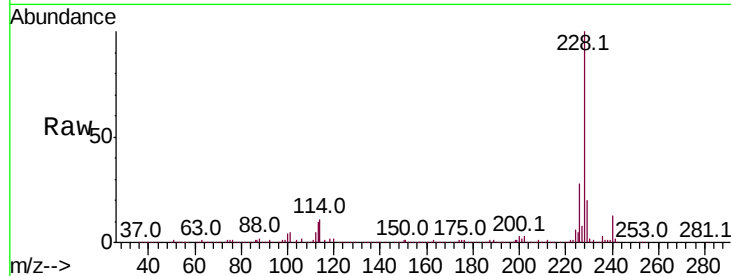
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1356387
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.2	33.2
229	19.8	16.4	24.6

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#82

3,3'-Dichlorobenzidine

Concen: 40.838 ng

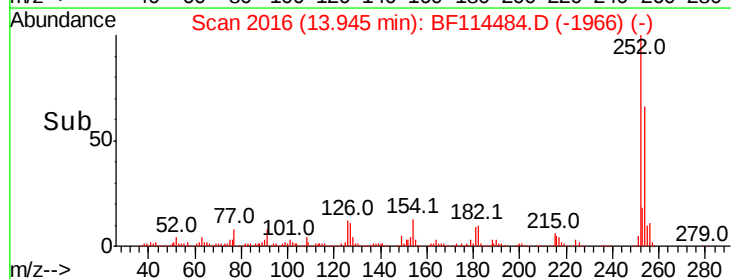
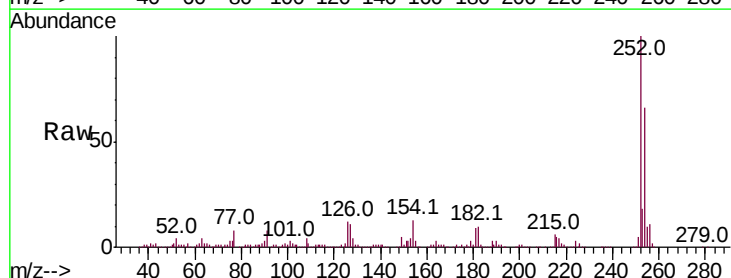
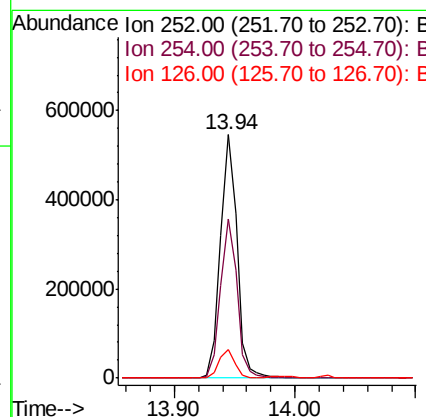
RT: 13.94 min Scan# 2016

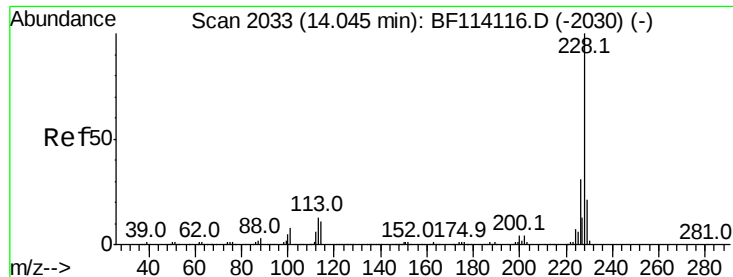
Delta R.T. -0.01 min

Lab File: BF114484.D

Acq: 22 May 2019 10:13

Tgt Ion:	252	Resp:	515726
Ion Ratio	Lower	Upper	
252	100		
254	65.6	51.9	77.9
126	11.9	7.9	11.9#





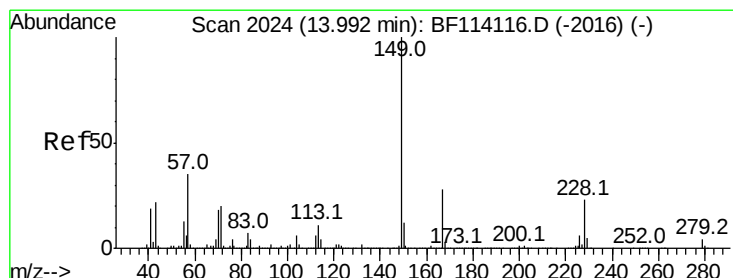
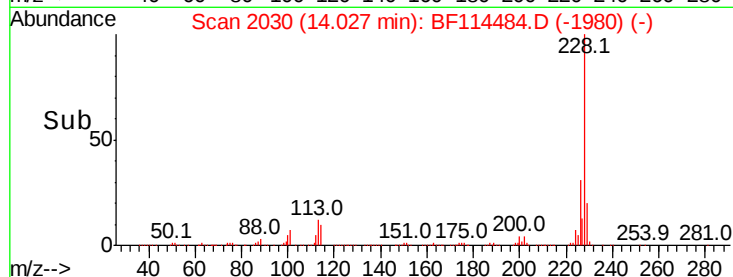
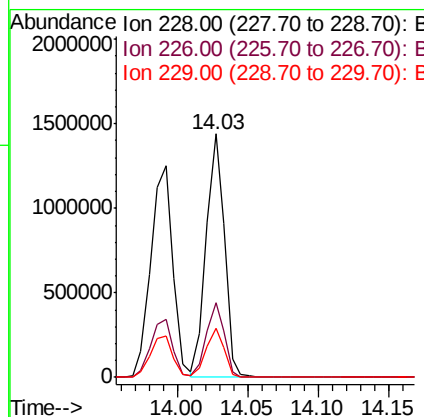
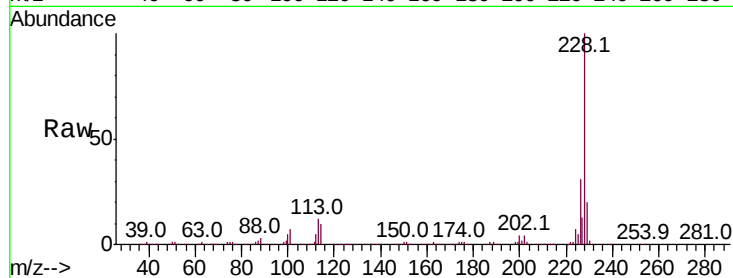
#83
 Chrvsene
 Concen: 40.592 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.1	17.0	25.6

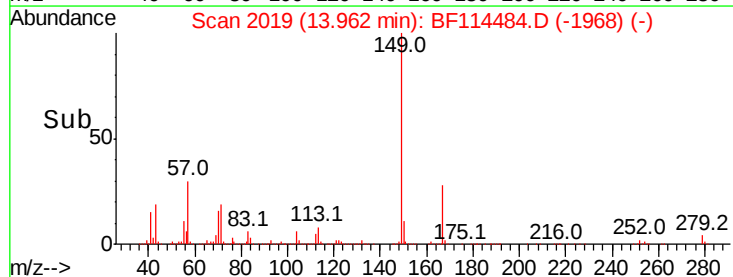
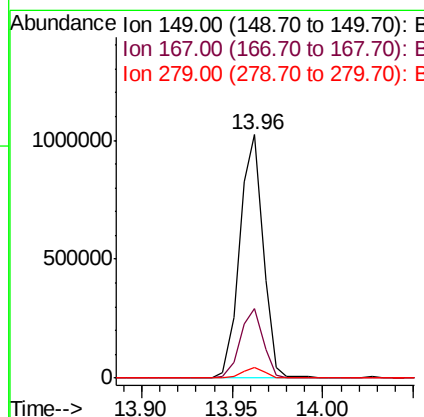
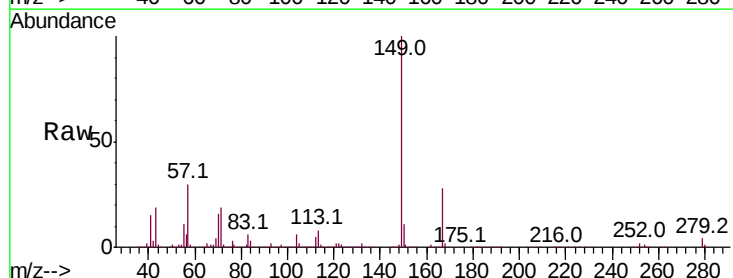
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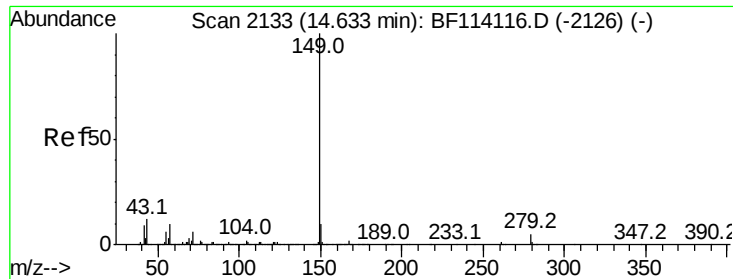
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.213 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	4.1	3.0	4.6





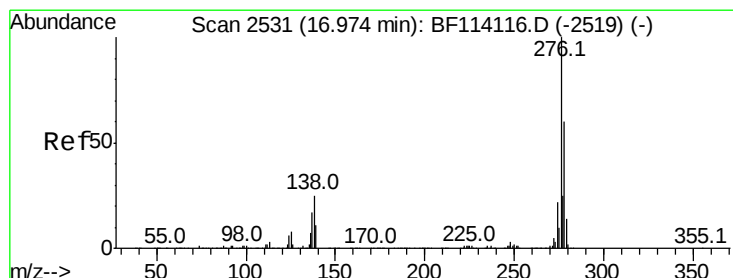
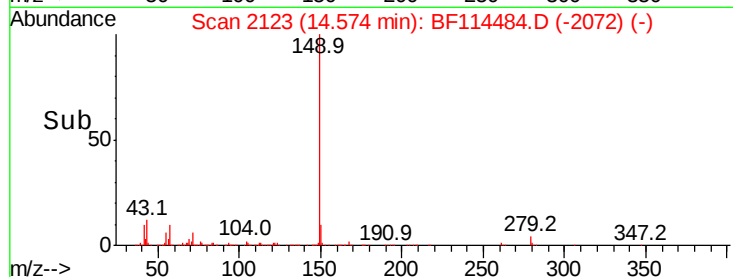
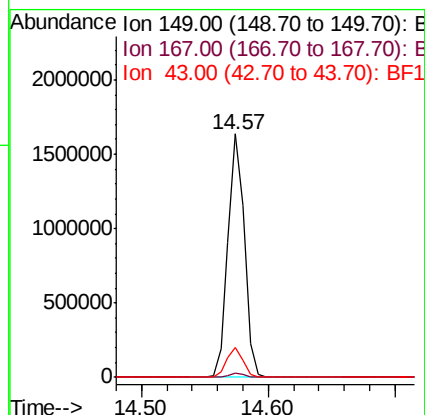
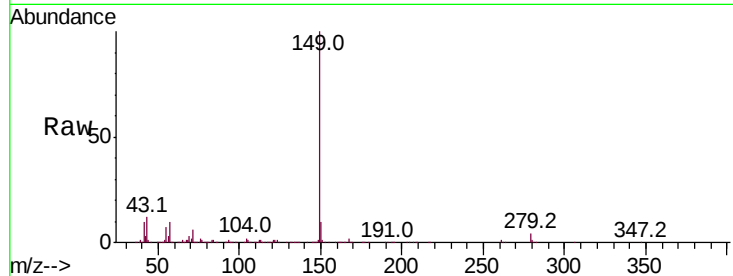
#85
Di-n-octyl phthalate
Concen: 40.813 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	10.1	15.1

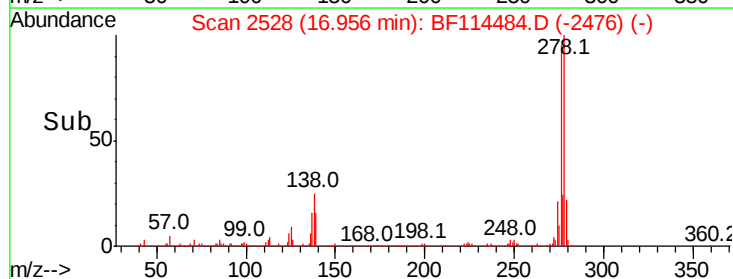
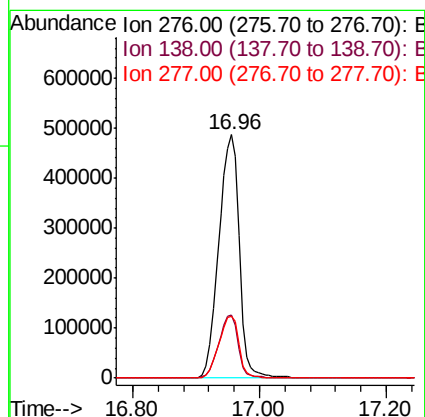
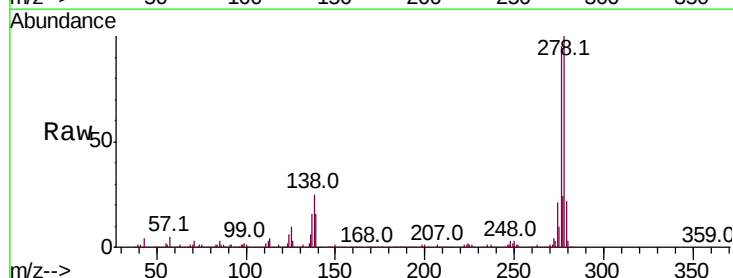
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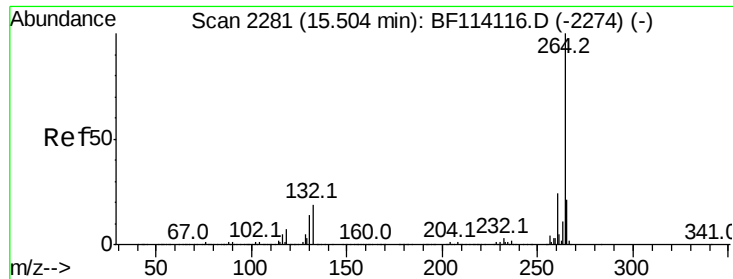
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.180 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.2	30.2
277	25.2	20.0	30.0





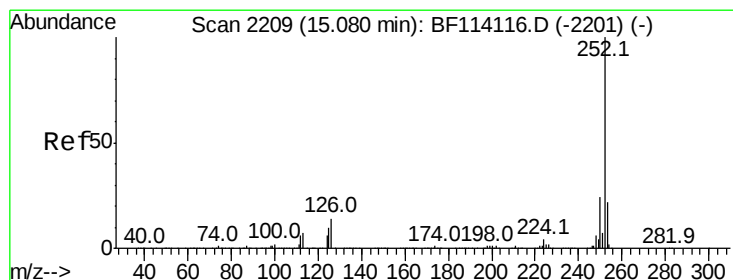
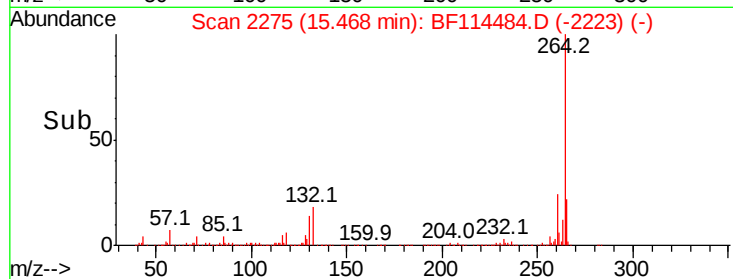
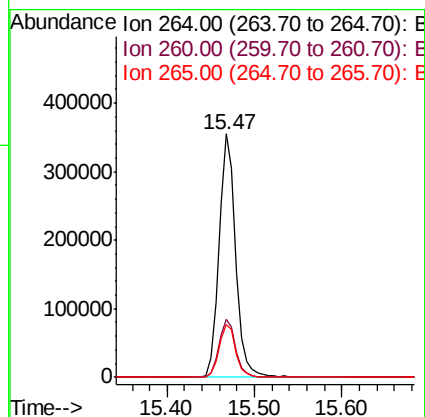
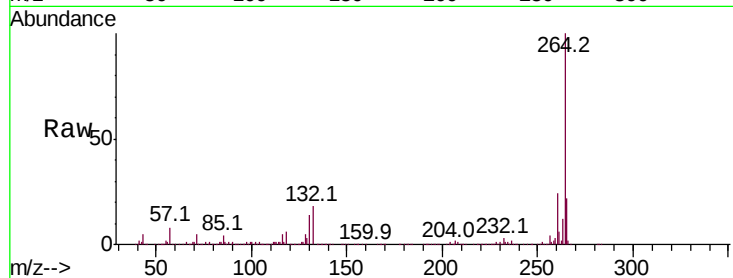
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.8	16.9	25.3

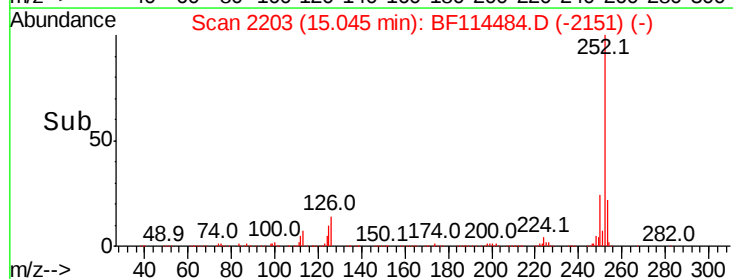
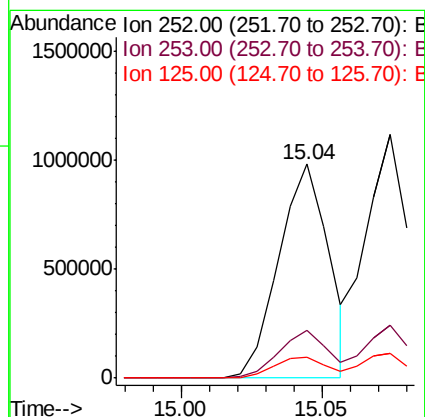
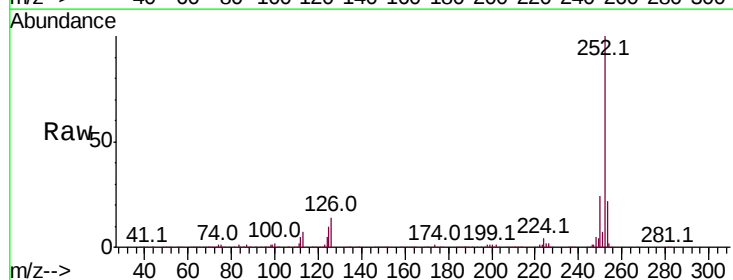
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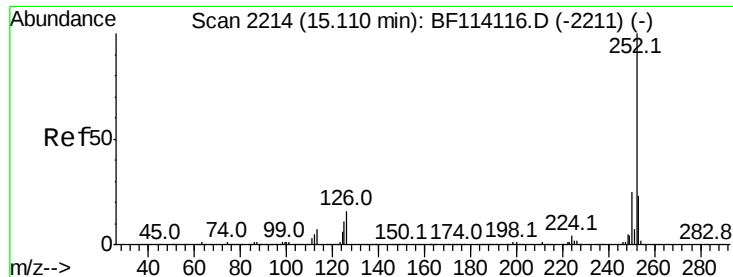
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 40.214 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. 0.01 min
 Lab File: BF114484.D
 Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.9	8.3	12.5





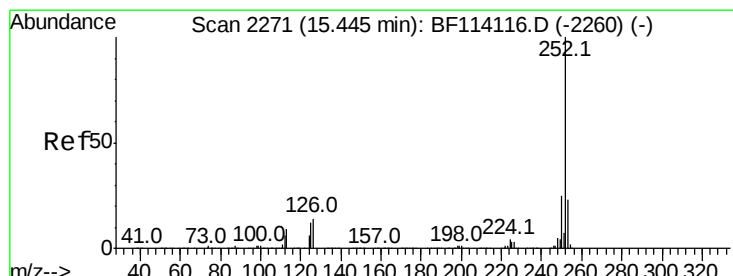
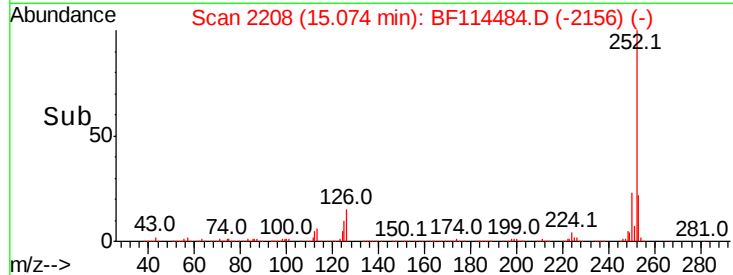
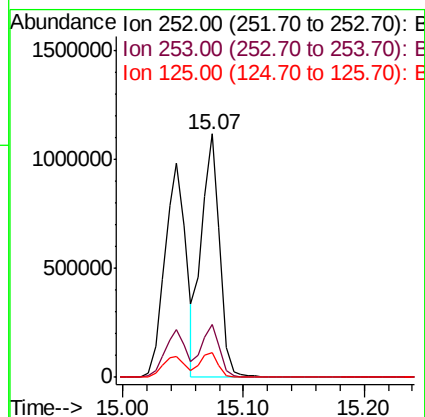
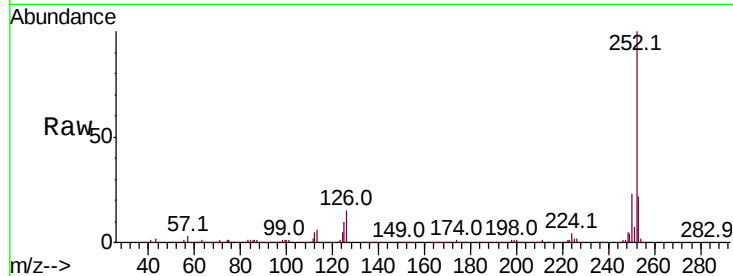
#89
Benzo(k)fluoranthene
Concen: 42.317 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	10.3	8.6	13.0

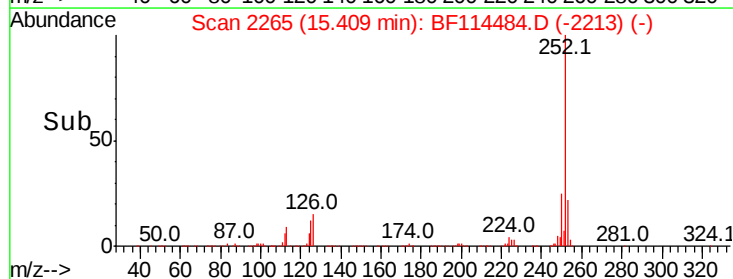
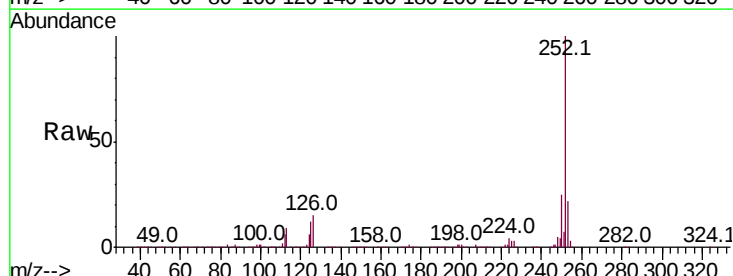
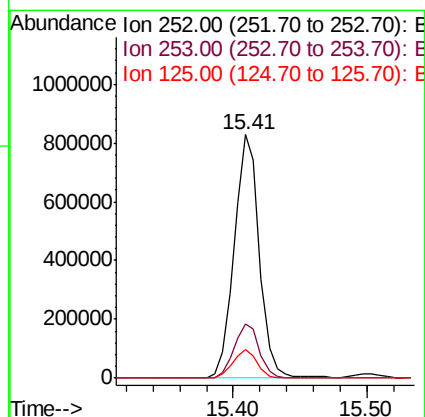
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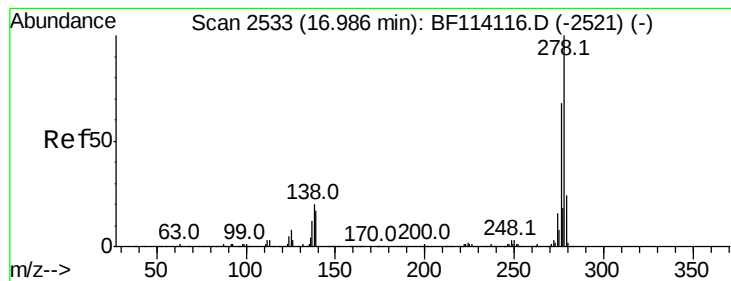
mohammad
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#90
Benzo(a)pyrene
Concen: 41.144 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.6	9.5	14.3





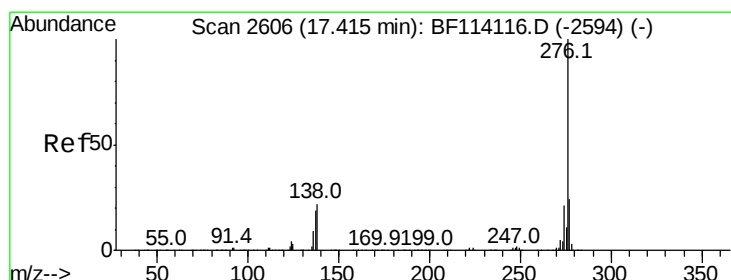
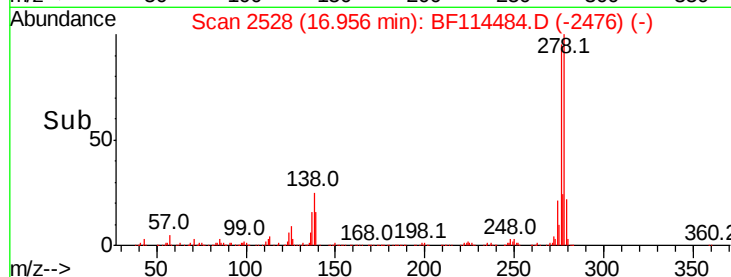
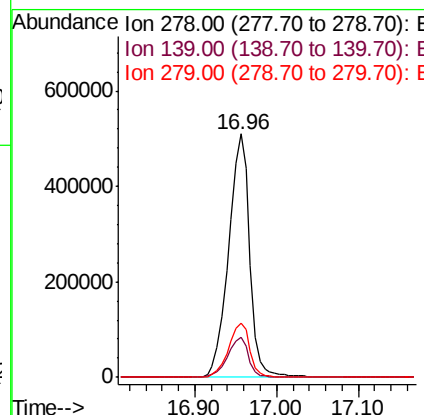
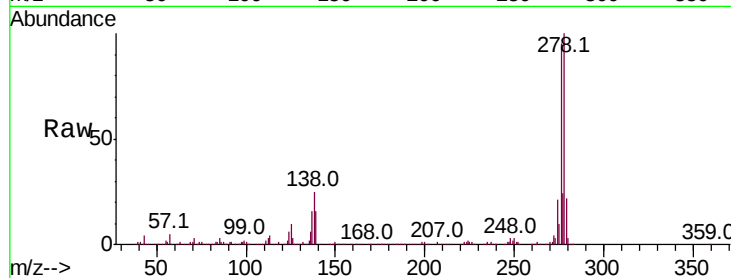
#91
Dibenzo(a,h)anthracene
Concen: 41.944 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.5	20.3
279	22.3	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 41.877 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF114484.D
Acq: 22 May 2019 10:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	21.9	17.8	26.6

