

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116392.D
 Acq On : 19 Aug 2019 17:14
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 8/22/2019 12:45:19 PM

Quant Time: Aug 20 01:48:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108236	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	457327	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	251430	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	445652	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	322869	20.00	ng	-0.01
87) Perylene-d12	15.42	264	315909	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	568068	87.86	ng	-0.01
7) Phenol-d6	6.45	99	706061	86.56	ng	-0.01
23) Nitrobenzene-d5	7.37	82	650099	82.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	204551	83.91	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1157381	86.22	ng	-0.01
79) Terphenyl-d14	12.90	244	1329617	86.78	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	134408	41.150	ng	99
3) Pyridine	3.28	79	351703	38.546	ng	99
4) n-Nitrosodimethylamine	3.23	42	137813	38.274	ng	99
6) Aniline	6.47	93	468891	40.137	ng	# 88
8) 2-Chlorophenol	6.60	128	319977	44.755	ng	99
9) Benzaldehyde	6.36	77	212142	37.691	ng	98
10) Phenol	6.46	94	407104	42.380	ng	95
11) bis(2-Chloroethyl)ether	6.54	93	317152	44.907	ng	99
12) 1,3-Dichlorobenzene	6.75	146	353526	42.786	ng	99
13) 1,4-Dichlorobenzene	6.82	146	360106	43.527	ng	98
14) 1,2-Dichlorobenzene	6.97	146	330078	43.330	ng	99
15) Benzyl Alcohol	6.96	79	259832	41.972	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	417698	43.360	ng	73
17) 2-Methylphenol	7.07	107	259488	42.863	ng	95
18) Hexachloroethane	7.31	117	130159	42.732	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	230881	45.675	ng	99
20) 3+4-Methylphenols	7.23	107	338510	47.252	ng	# 87
22) Acetophenone	7.22	105	438155	43.685	ng	# 95
24) Nitrobenzene	7.39	77	359956	42.077	ng	100
25) Isophorone	7.63	82	665338	43.918	ng	98
26) 2-Nitrophenol	7.71	139	177465	44.008	ng	97
27) 2,4-Dimethylphenol	7.75	122	255134	42.053	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	412108	43.888	ng	100
29) 2,4-Dichlorophenol	7.96	162	280477	43.785	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	305427	41.828	ng	100
31) Naphthalene	8.11	128	936050	43.495	ng	99
32) Benzoic acid	7.91	122	151201	35.349	ng	98
33) 4-Chloroaniline	8.16	127	407199	42.347	ng	98
34) Hexachlorobutadiene	8.22	225	177203	42.131	ng	99
35) Caprolactam	8.54	113	88504m	42.718	ng	
36) 4-Chloro-3-methylphenol	8.65	107	294890	44.250	ng	99
37) 2-Methylnaphthalene	8.80	142	615721	43.442	ng	99
38) 1-Methylnaphthalene	8.90	142	591388	44.105	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	288034	42.851	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	115236	41.283	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	171446	37.056	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	175495	36.695	nq	99
46) 1,1'-Biphenyl	9.26	154	767963	43.263	nq	99
47) 2-Chloronaphthalene	9.29	162	621589	42.073	nq	99
48) 2-Nitroaniline	9.39	65	204316	41.839	nq	98
49) Acenaphthylene	9.70	152	919638	42.667	nq	98
50) Dimethylphthalate	9.56	163	728167	42.534	nq	100
51) 2,6-Dinitrotoluene	9.63	165	158235	42.532	nq #	82
52) Acenaphthene	9.87	154	565640	42.777	nq	98
53) 3-Nitroaniline	9.80	138	186938	40.665	nq	98
54) 2,4-Dinitrophenol	9.93	184	53677	33.409	nq	98
55) Dibenzofuran	10.05	168	792593	41.217	nq	100
56) 4-Nitrophenol	9.99	139	110262	37.442	nq	94
57) 2,4-Dinitrotoluene	10.04	165	199701	40.316	nq #	83
58) Fluorene	10.39	166	665279	44.967	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	159871	39.733	nq	98
60) Diethylphthalate	10.26	149	702622	43.960	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	338461	45.171	nq	97
62) 4-Nitroaniline	10.42	138	179033	37.685	nq	98
63) Azobenzene	10.53	77	729850	44.395	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	98619	41.758	nq	85
66) n-Nitrosodiphenylamine	10.49	169	584877	43.603	nq	100
67) 4-Bromophenyl-phenylether	10.86	248	206084	43.198	nq	99
68) Hexachlorobenzene	10.94	284	235464	42.683	nq	98
69) Atrazine	11.02	200	163998	37.164	nq	99
70) Pentachlorophenol	11.15	266	97240	36.307	nq	97
71) Phenanthrene	11.35	178	986132	43.284	nq	100
72) Anthracene	11.40	178	995400	43.171	nq	99
73) Carbazole	11.56	167	911992	43.597	nq	99
74) Di-n-butylphthalate	11.87	149	1127343	46.198	nq	99
75) Fluoranthene	12.54	202	1036020	43.437	nq	99
77) Benzidine	12.66	184	425518	39.010	nq	99
78) Pyrene	12.77	202	1047040	43.020	nq	99
80) Butylbenzylphthalate	13.37	149	469248	45.579	nq	94
81) Benzo(a)anthracene	13.96	228	884455	42.858	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	314263	43.833	nq	99
83) Chrysene	13.99	228	871416	43.495	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	631666	47.215	nq	98
85) Di-n-octyl phthalate	14.53	149	973541	45.814	nq	100
86) Indeno(1,2,3-cd)pyrene	16.88	276	662645	39.379	nq	99
88) Benzo(b)fluoranthene	15.00	252	780495	42.729	nq	99
89) Benzo(k)fluoranthene	15.03	252	706834	39.729	nq	99
90) Benzo(a)pyrene	15.36	252	679952	41.642	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	556242	39.354	nq	99
92) Benzo(g,h,i)perylene	17.32	276	526459	37.926	nq	97

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

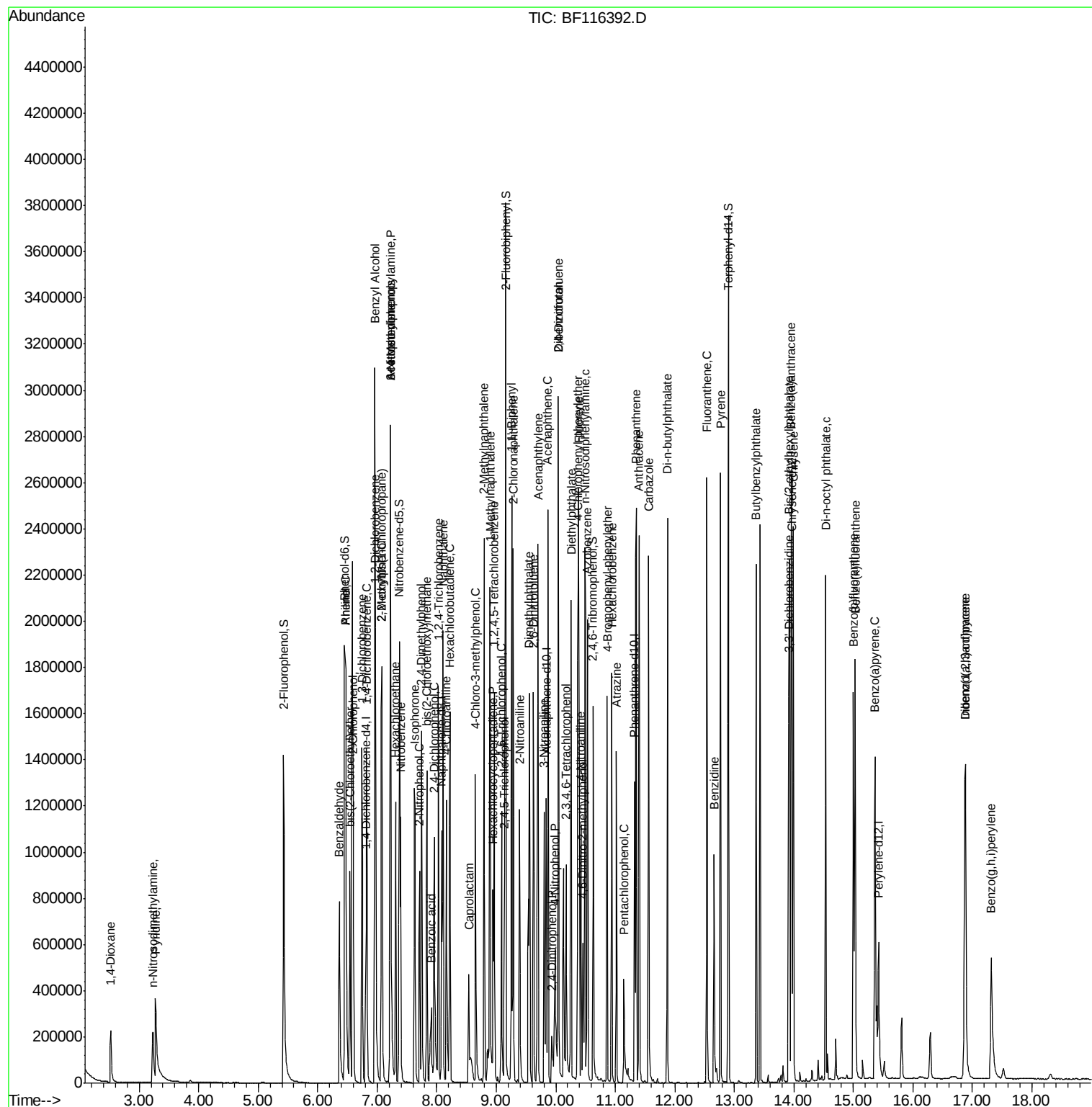
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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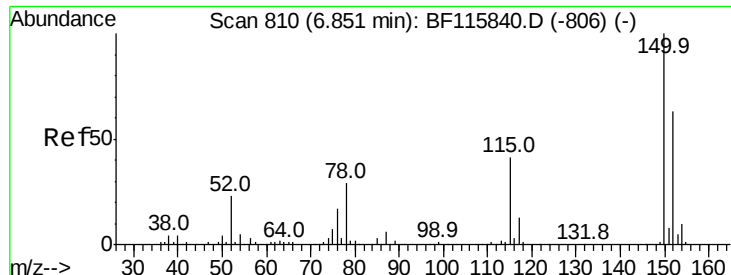
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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#1

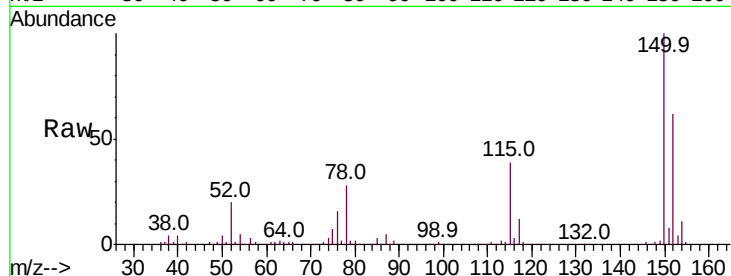
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.2	189.2
115	62.5	49.9	74.9

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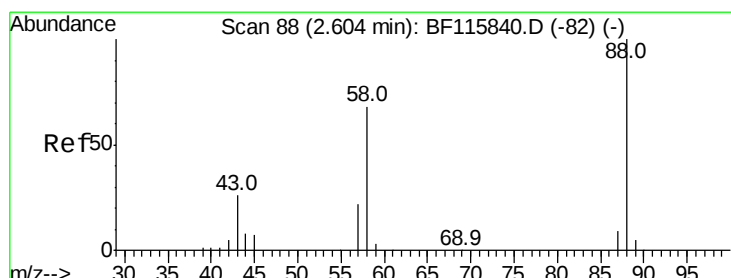
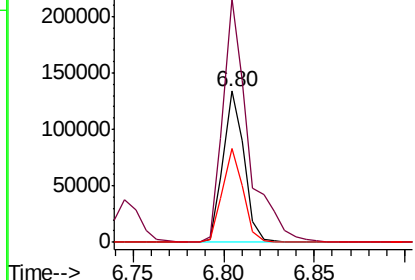
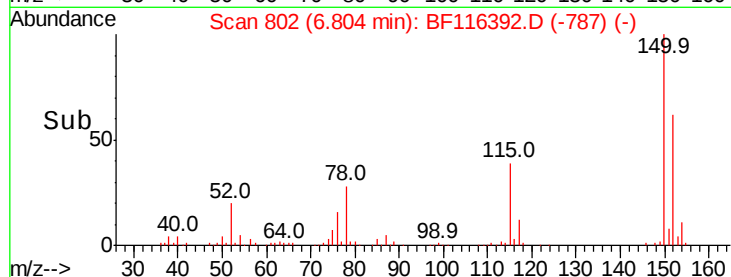


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

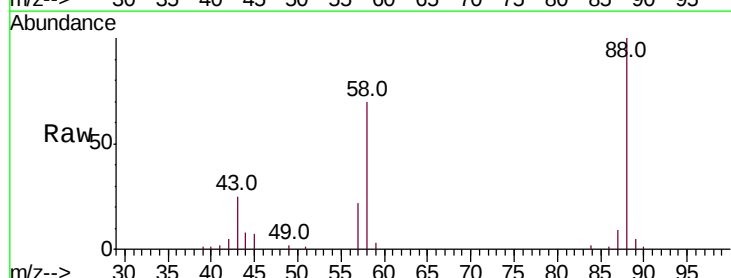
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.150 ng
RT: 2.52 min Scan# 74
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	53.7	80.5
43	25.8	21.0	31.4

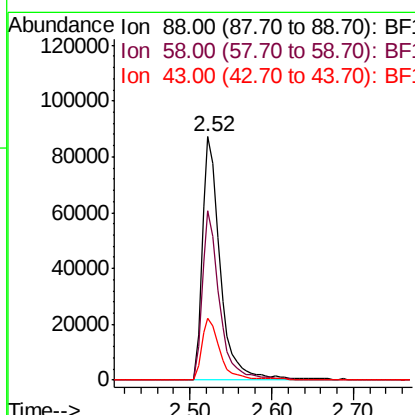
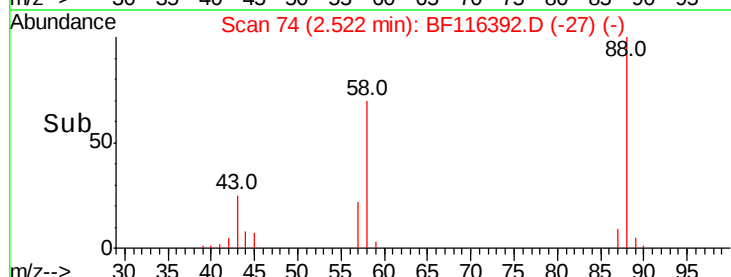


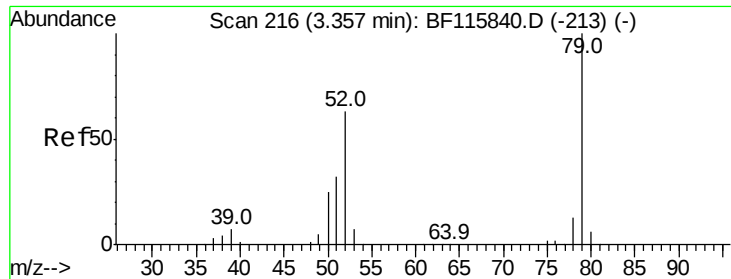
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.546 ng

RT: 3.28 min Scan# 202

Delta R.T. -0.02 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

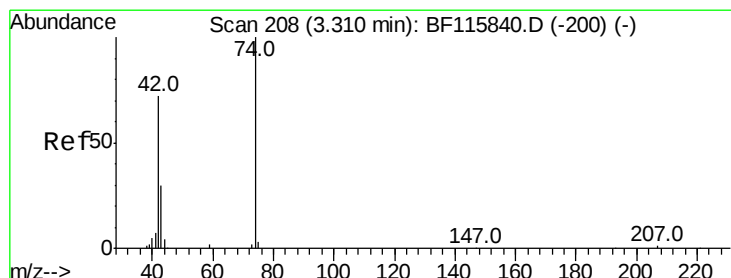
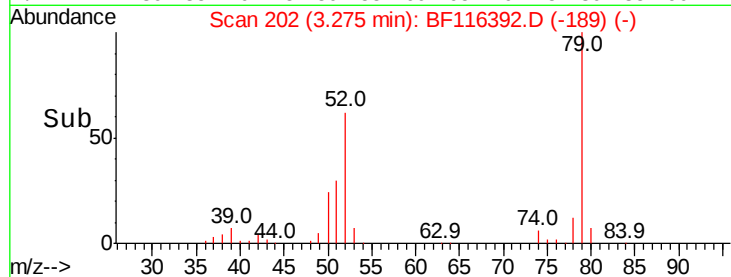
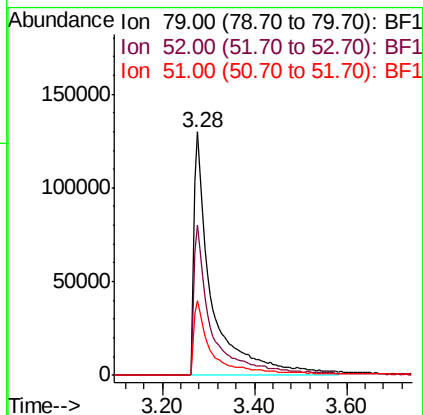
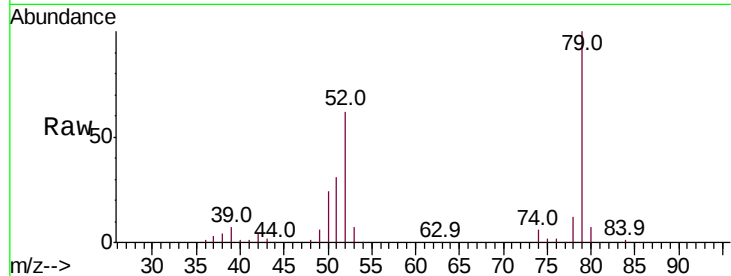
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	351703
Ion Ratio	Lower	Upper	
79	100		
52	61.6	49.8	74.8
51	30.6	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 38.274 ng

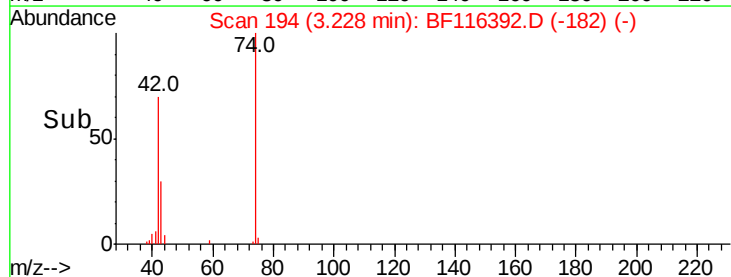
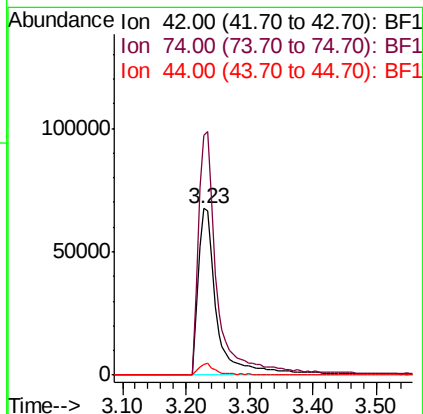
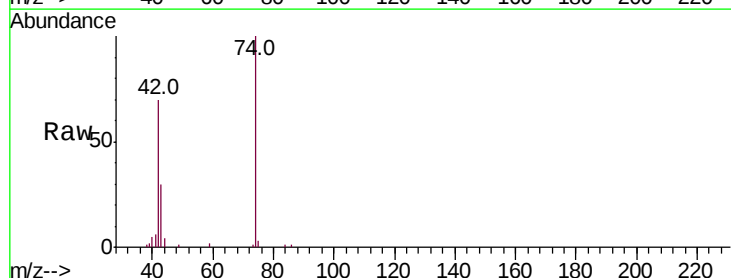
RT: 3.23 min Scan# 194

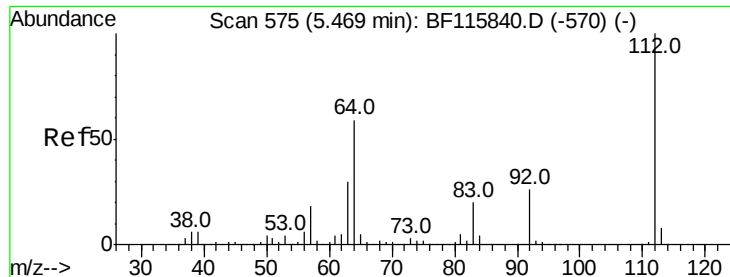
Delta R.T. -0.03 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Tgt Ion:	42	Resp:	137813
Ion Ratio	Lower	Upper	
42	100		
74	143.7	116.0	174.0
44	6.3	4.6	7.0





#5

2-Fluorophenol

Concen: 87.862 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

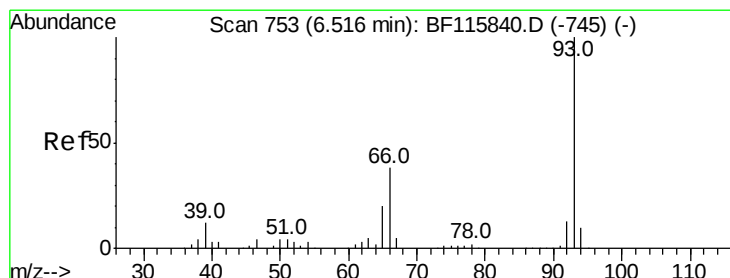
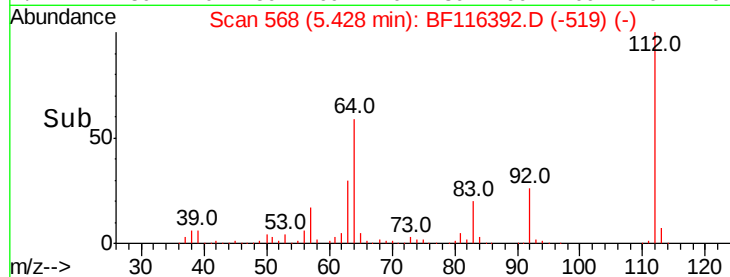
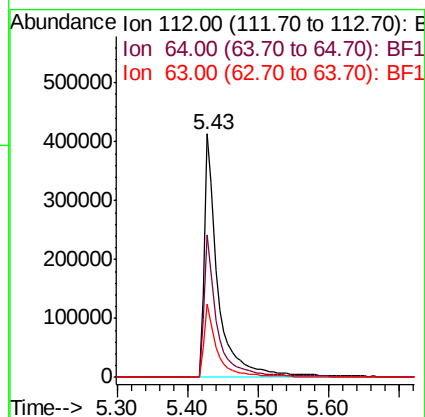
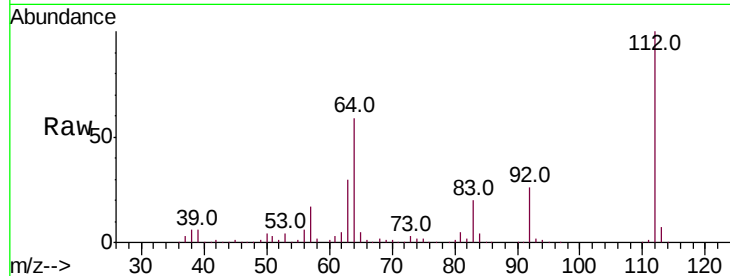
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	568068
Ion Ratio	Lower	Upper	
112	100		
64	58.6	45.4	68.2
63	30.2	23.7	35.5

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#6

Aniline

Concen: 40.137 ng

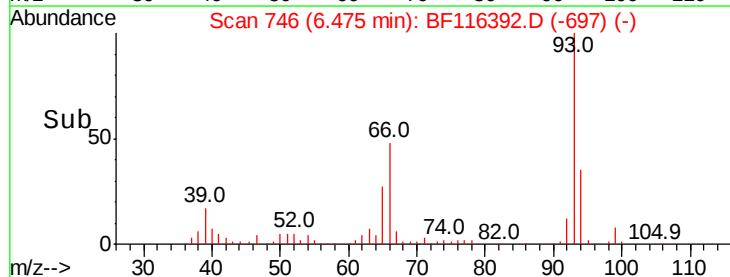
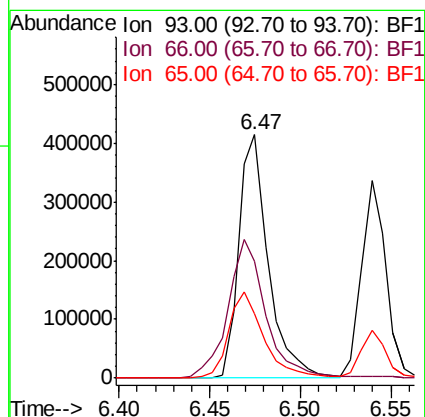
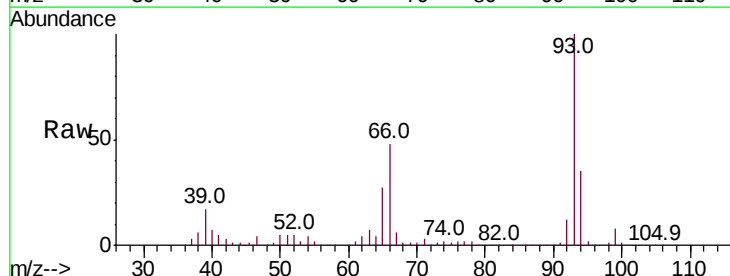
RT: 6.47 min Scan# 746

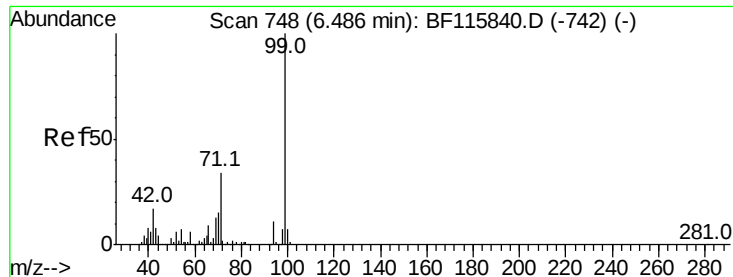
Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Tgt Ion:	93	Resp:	468891
Ion Ratio	Lower	Upper	
93	100		
66	48.2	32.2	48.4
65	26.6	17.0	25.6#





#7

Phenol-d6

Concen: 86.555 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

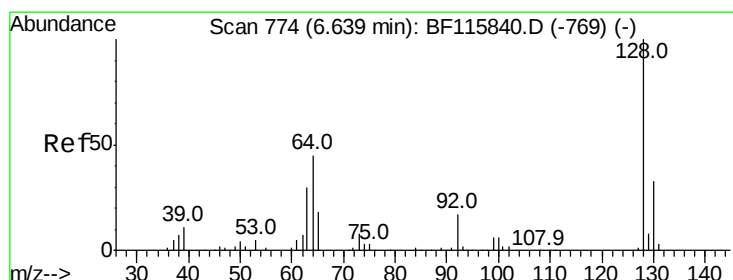
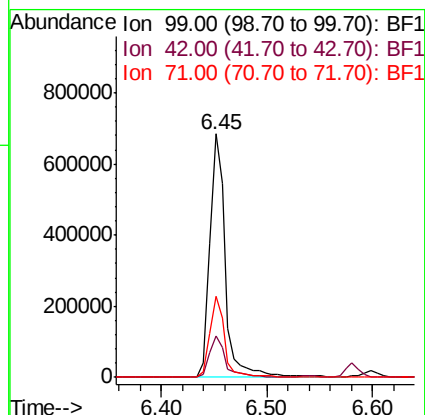
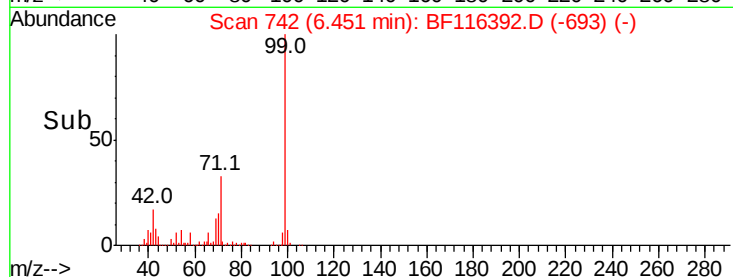
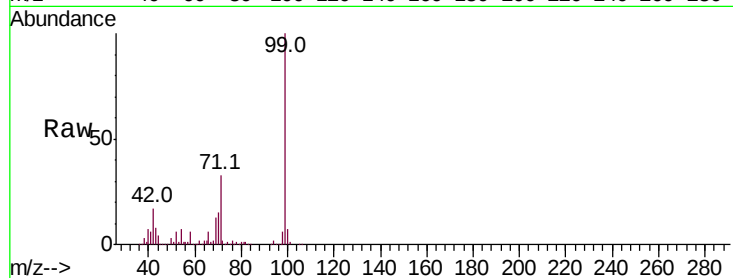
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	706061
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.8	20.8
71	33.1	27.3	40.9

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.755 ng

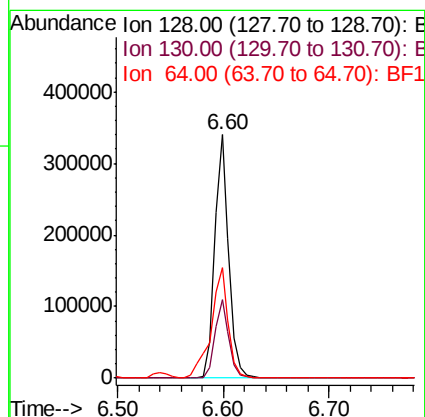
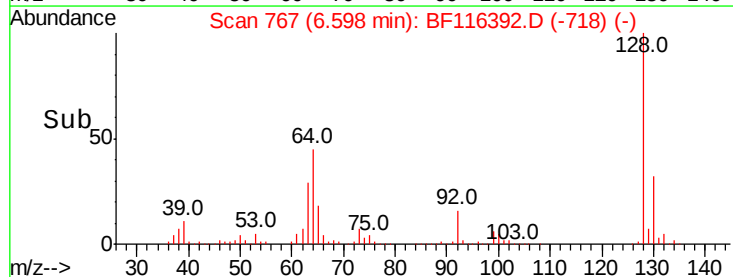
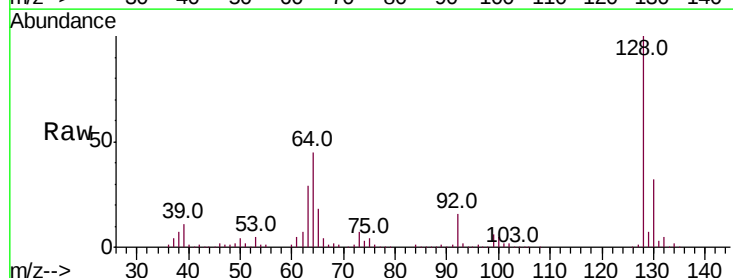
RT: 6.60 min Scan# 767

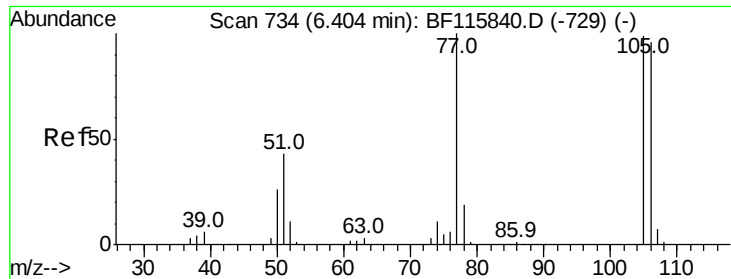
Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Tgt Ion:	128	Resp:	319977
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	45.2	24.3	64.3





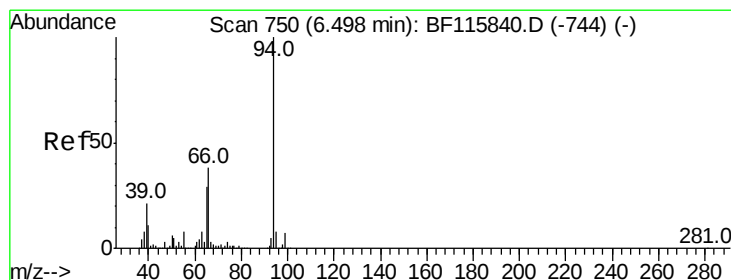
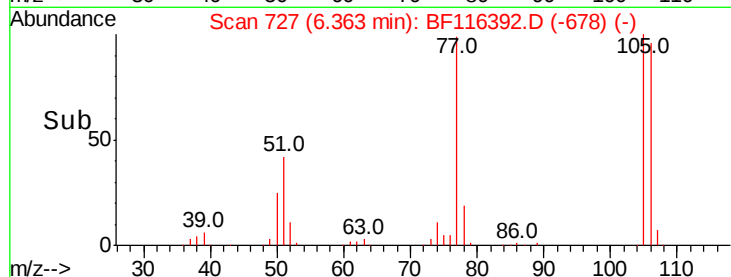
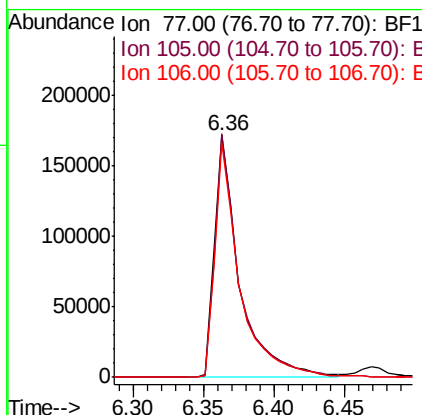
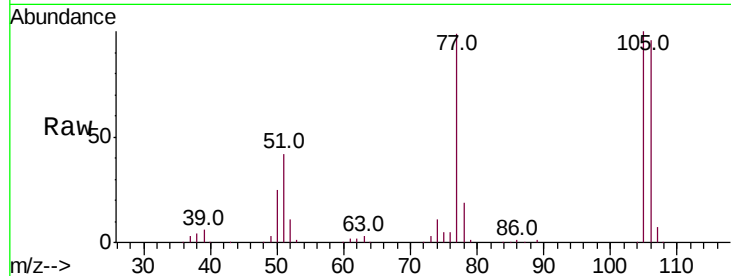
#9
Benzaldehyde
Concen: 37.691 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	100.5	79.2	119.2
106	96.9	74.3	114.3

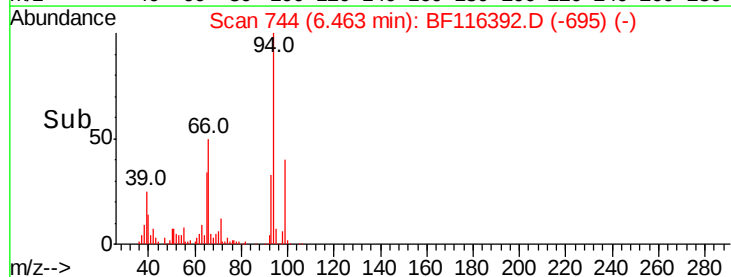
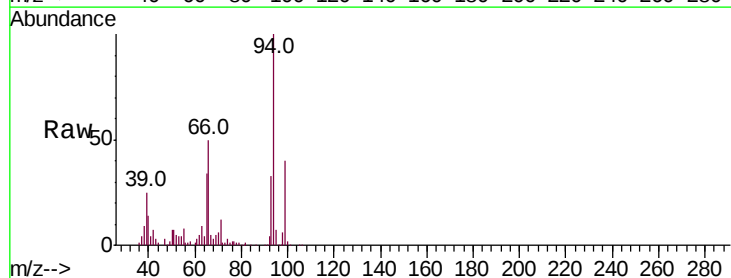
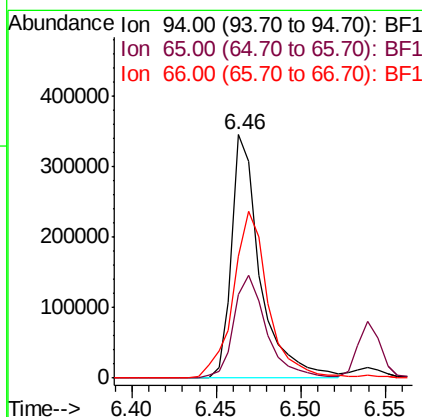
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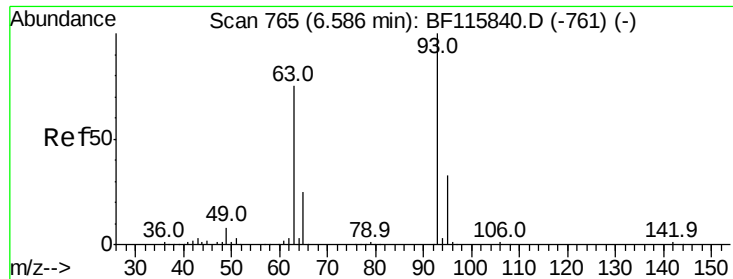
mohammad
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#10
Phenol
Concen: 42.380 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.4	16.8	56.8
66	50.0	34.2	74.2





#11

bis(2-Chloroethyl)ether

Concen: 44.907 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

ClientSampleId :

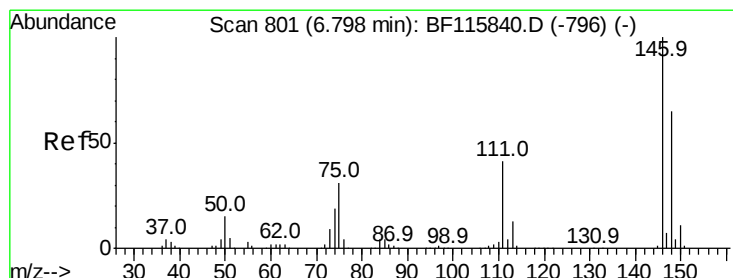
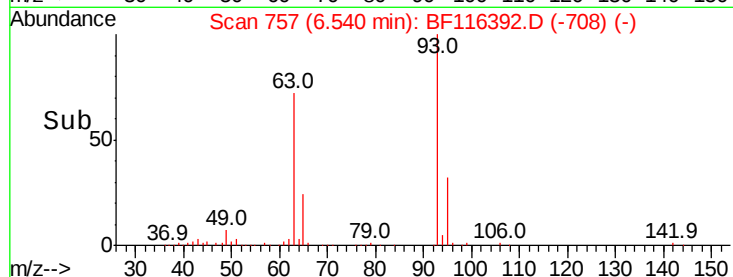
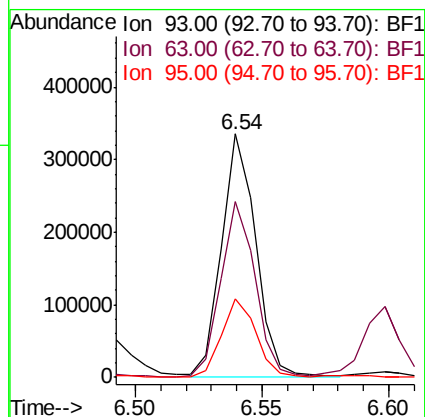
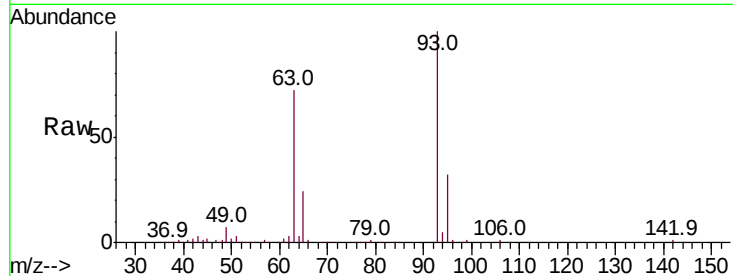
SSTDCCC040

Tot Ion: 93 Resp: 317152

Ion	Ratio	Lower	Upper
93	100		
63	72.4	51.9	91.9
95	32.2	13.0	53.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.786 ng

RT: 6.75 min Scan# 792

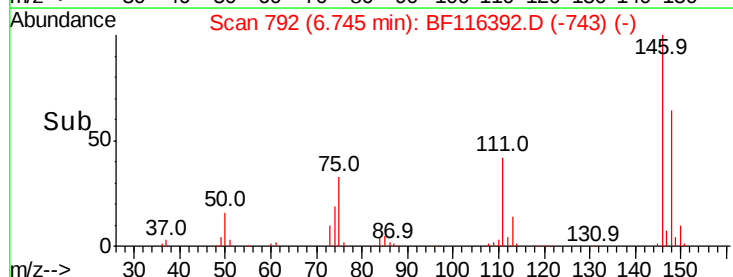
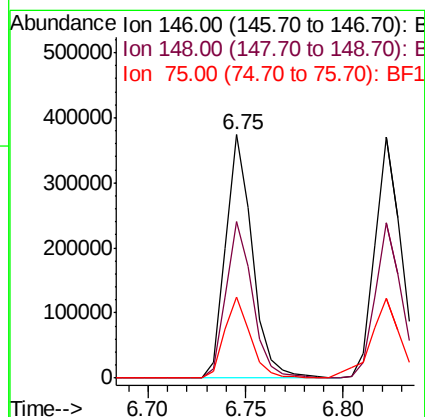
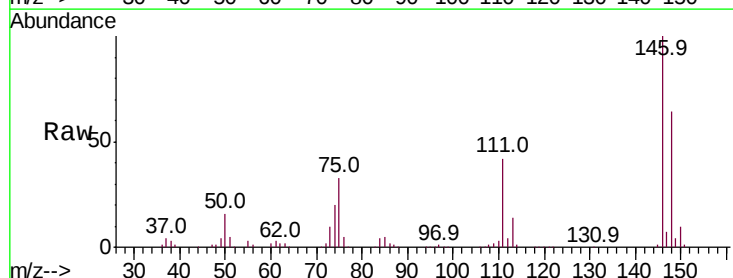
Delta R.T. -0.01 min

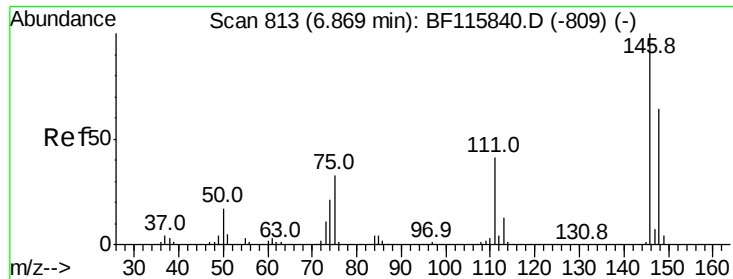
Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Tgt Ion: 146 Resp: 353526

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	33.0	27.4	41.2





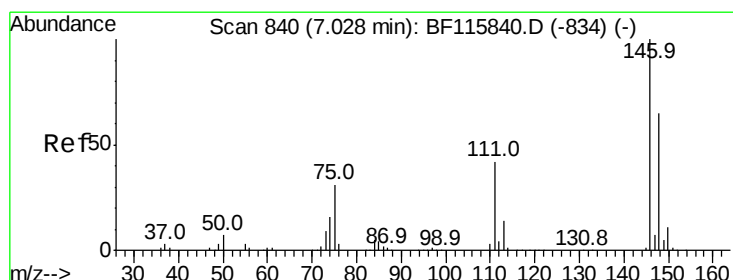
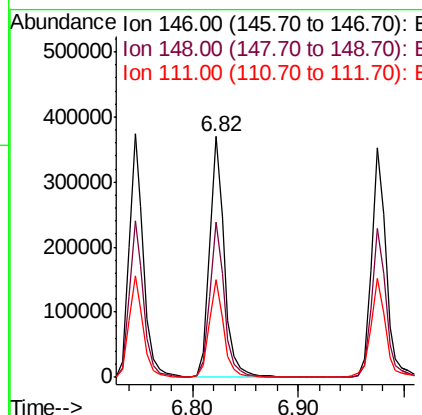
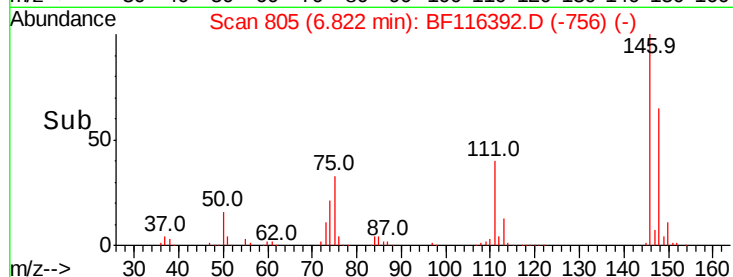
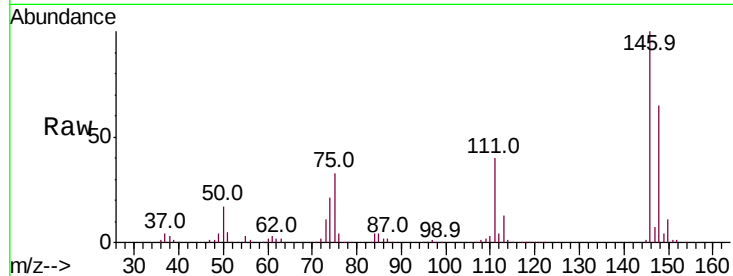
#13
 1,4-Dichlorobenzene
 Concen: 43.527 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.3	76.9
111	40.5	34.0	51.0

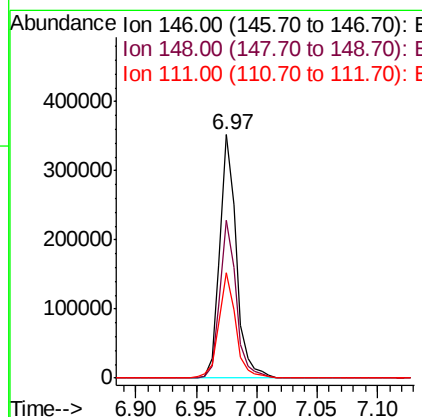
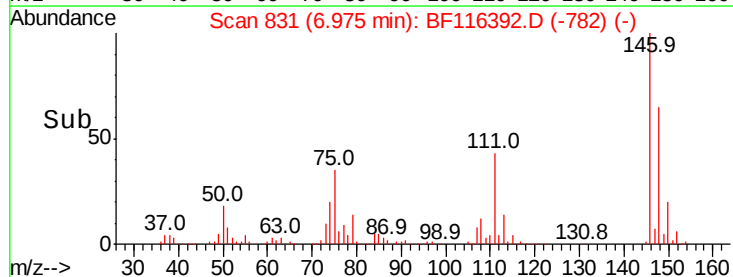
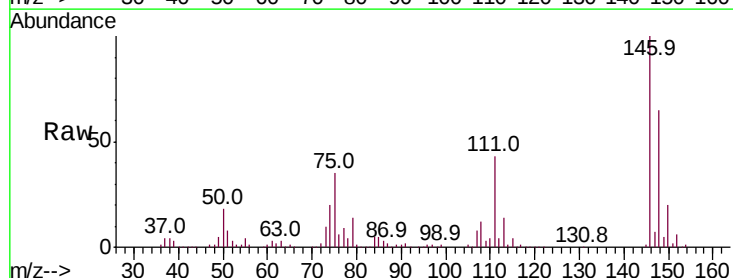
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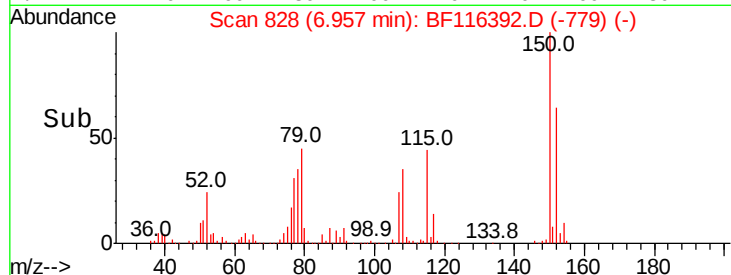
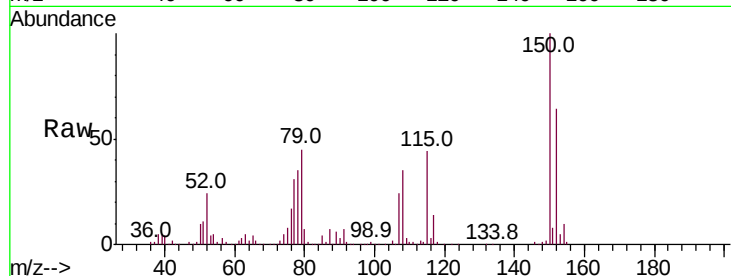
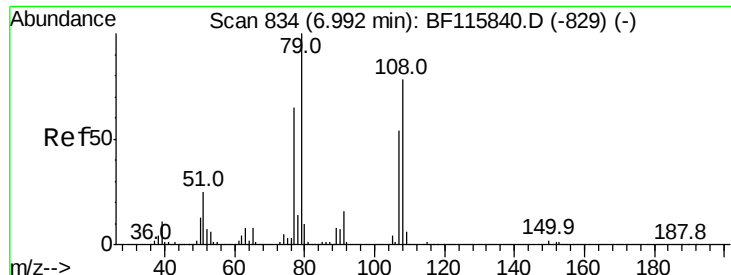
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#14
 1,2-Dichlorobenzene
 Concen: 43.330 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	43.4	33.5	50.3





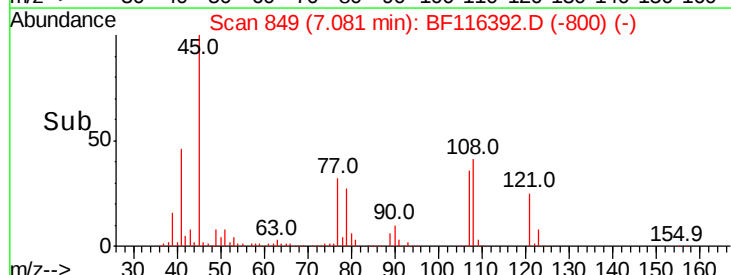
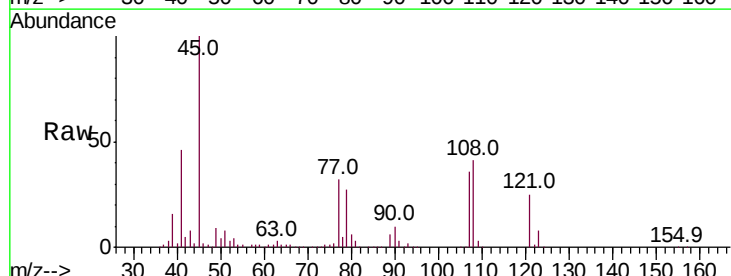
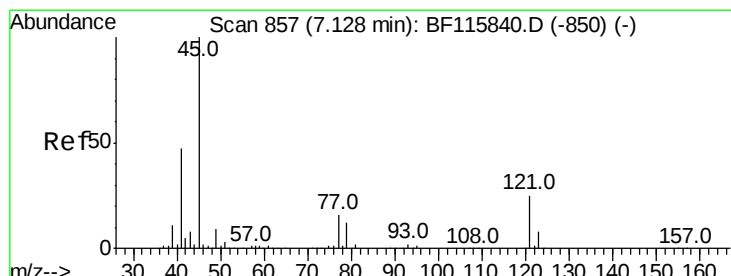
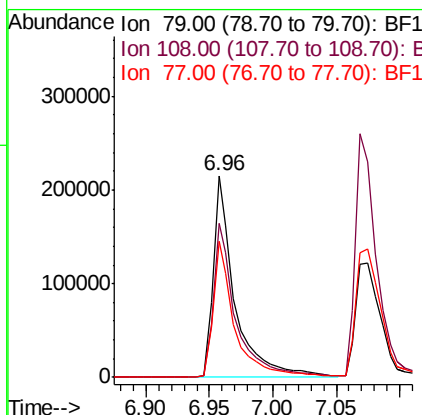
#15
Benzyl Alcohol
Concen: 41.972 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.7	62.7	94.1	
77	67.4	52.2	78.2	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

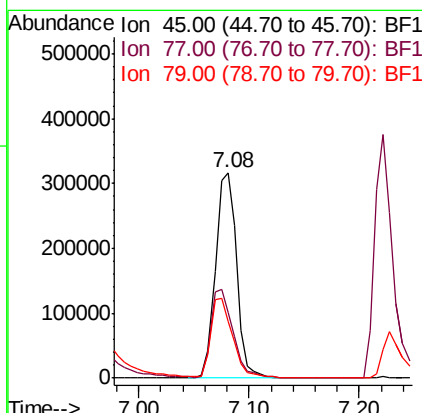
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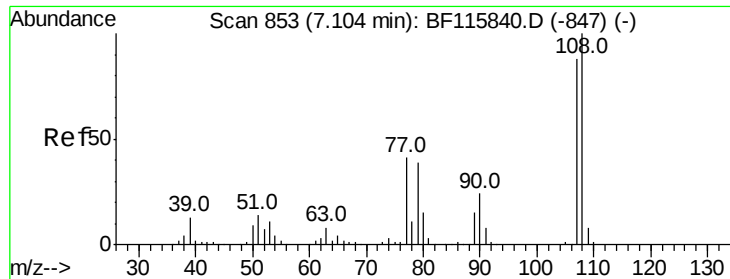
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.360 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	32.0	0.0	40.0	
79	27.5	0.0	35.9	





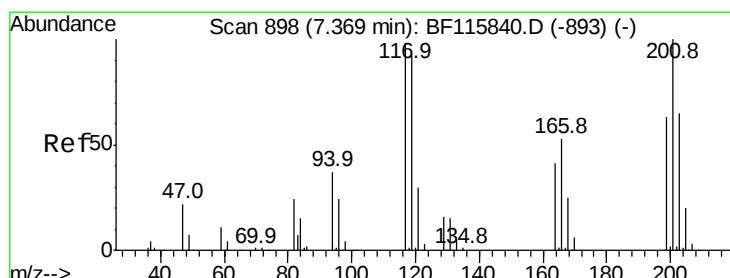
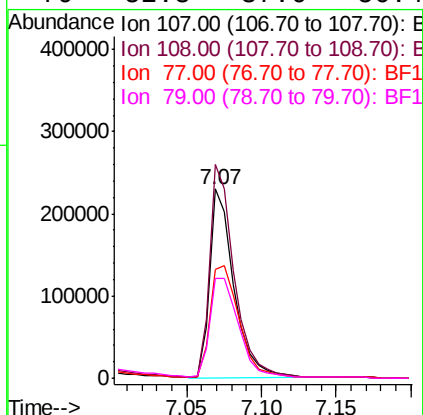
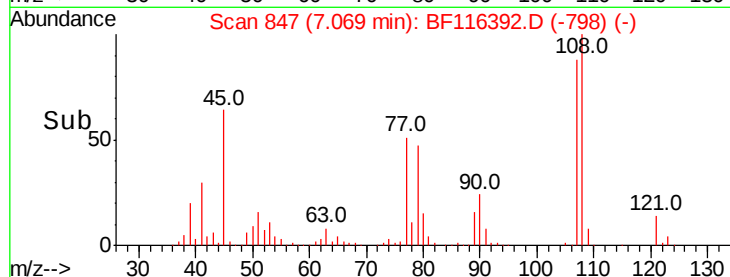
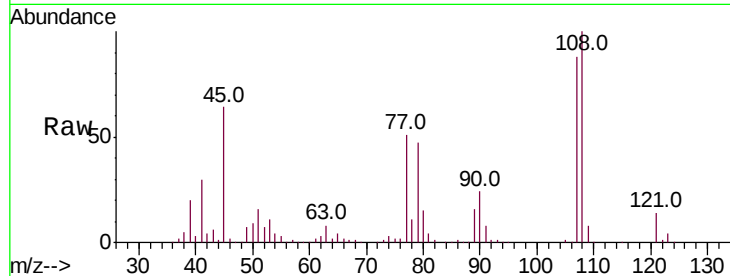
#17
2-Methylphenol
Concen: 42.863 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	91.2	136.8	
77	57.9	40.3	60.5	
79	52.8	37.6	56.4	

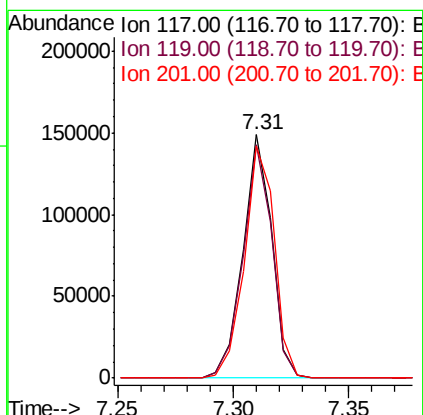
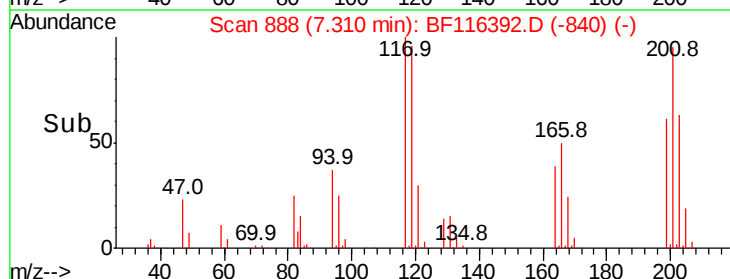
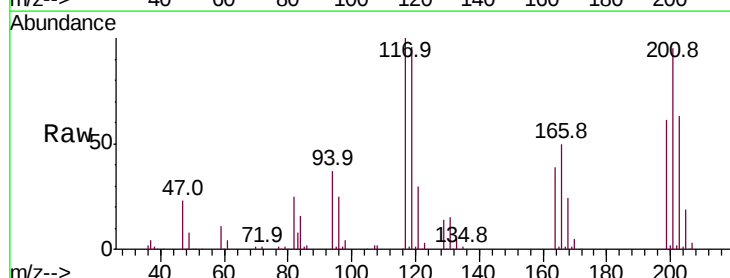
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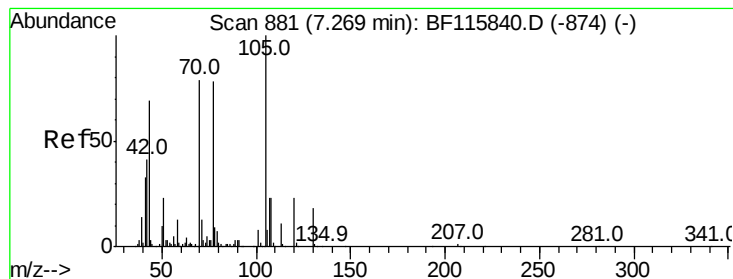
mohammad
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#18
Hexachloroethane
Concen: 42.732 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	76.1	114.1	
201	95.3	77.0	115.4	





#19

n-Nitroso-di-n-propylamine

Concen: 45.675 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

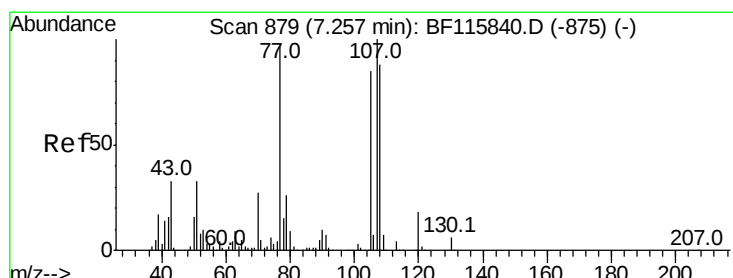
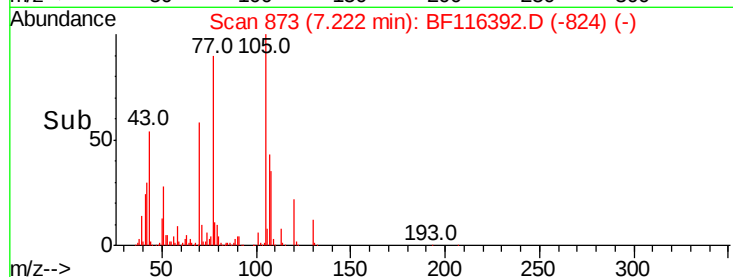
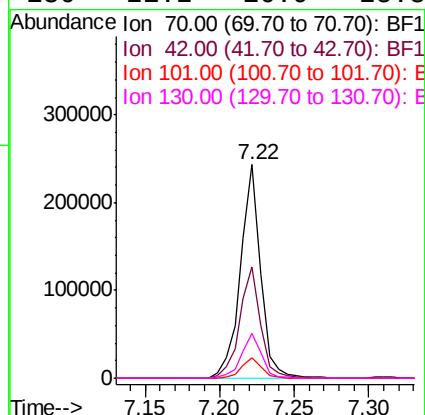
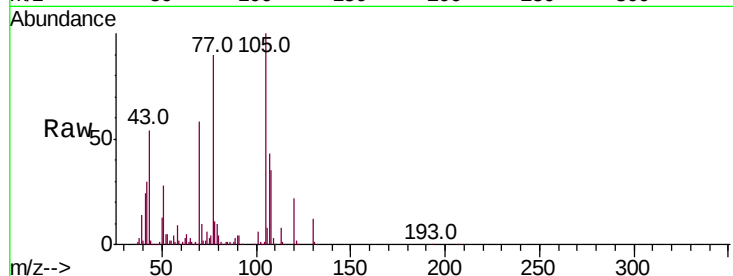
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.9	40.9	61.3
101	9.7	7.9	11.9
130	21.2	16.9	25.3

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#20

3+4-Methylphenols

Concen: 47.252 ng

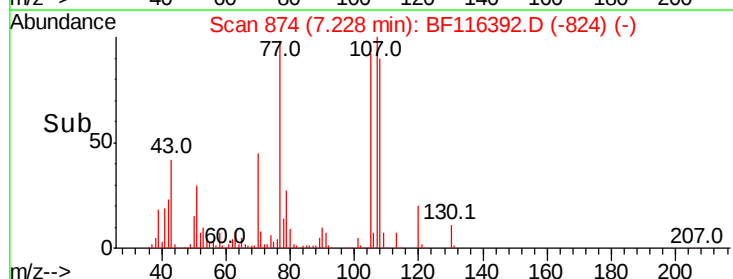
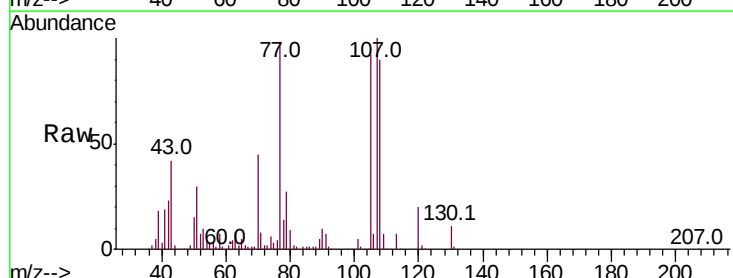
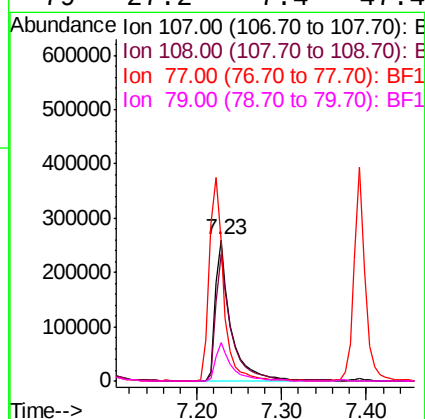
RT: 7.23 min Scan# 874

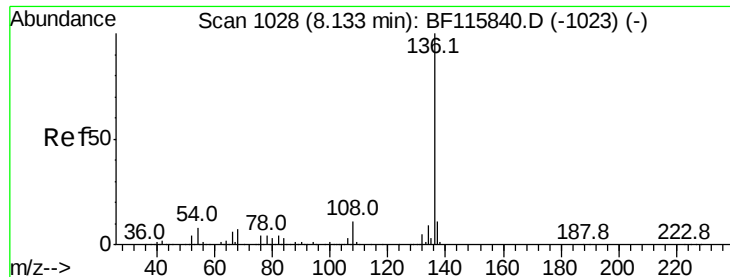
Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.6	107.6
77	98.4	104.4	144.4#
79	27.2	7.4	47.4





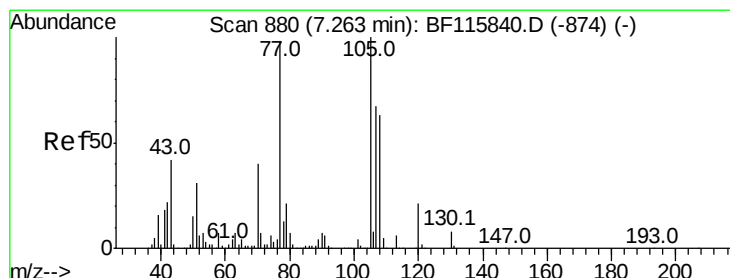
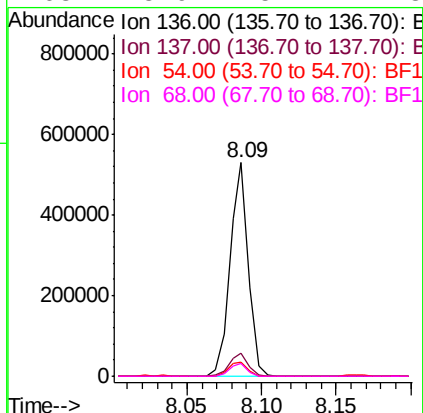
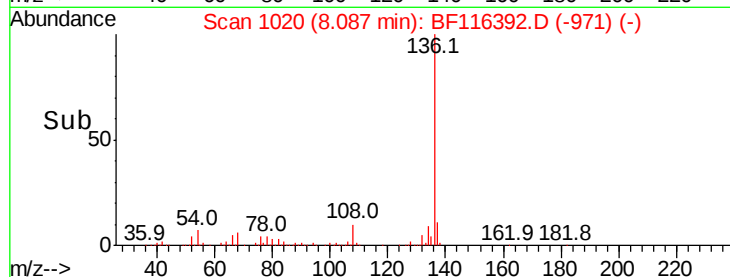
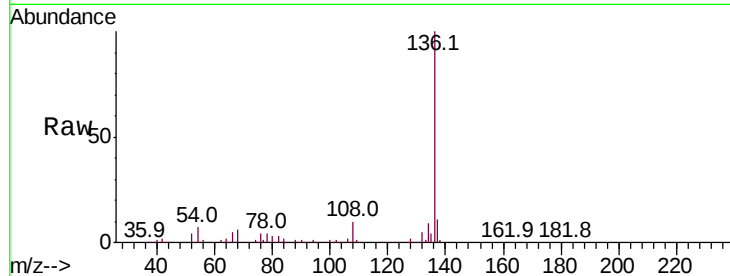
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.4	
54	6.8	5.8	8.6	
68	5.9	5.2	7.8	

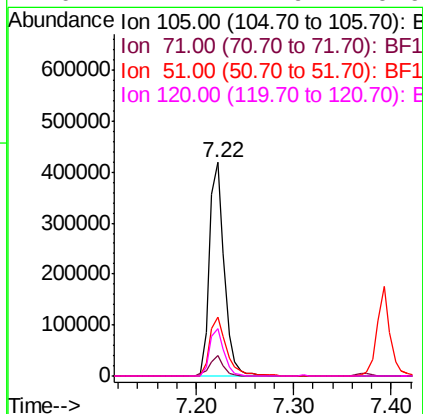
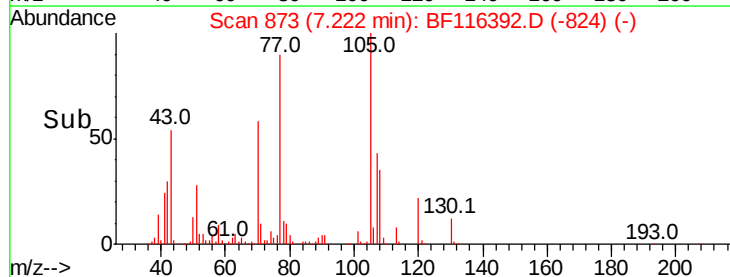
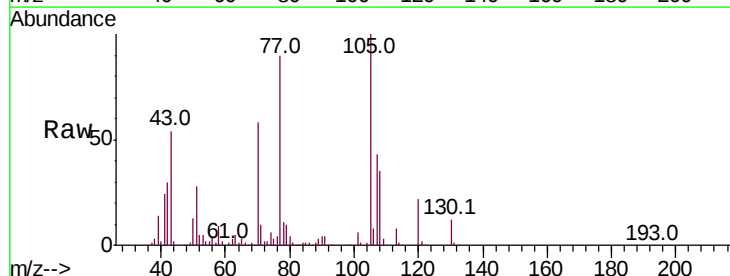
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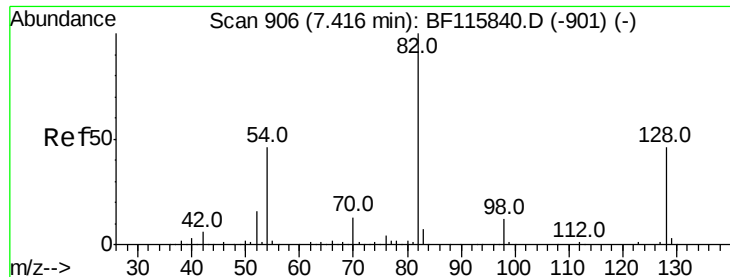
mohammad
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#22
Acetophenone
Concen: 43.685 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.8	5.9	8.9#	
51	27.6	25.3	37.9	
120	22.2	17.9	26.9	





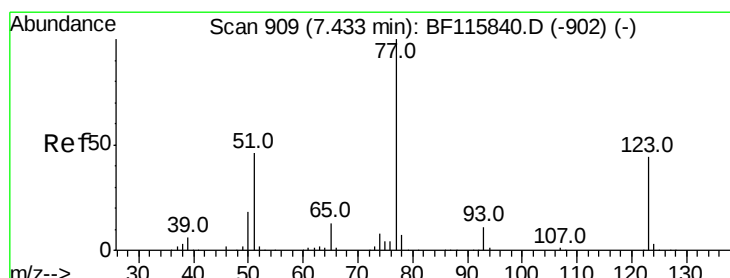
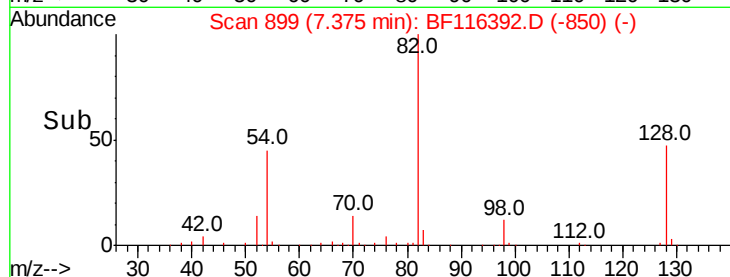
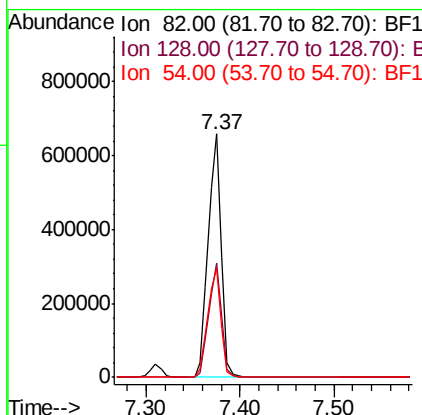
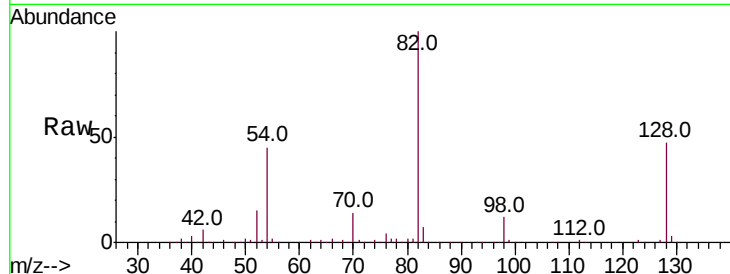
#23
 Nitrobenzene-d5
 Concen: 82.054 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.5	54.7
54	45.0	36.0	54.0

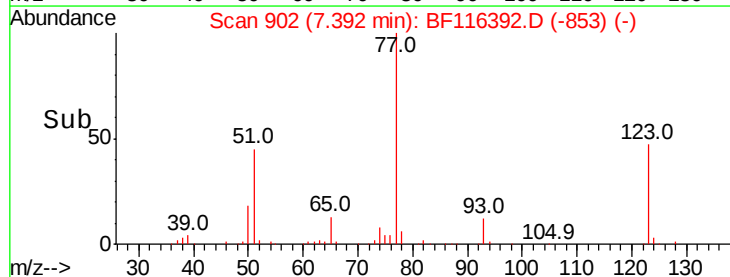
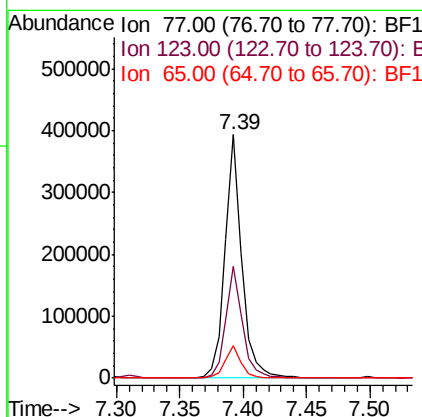
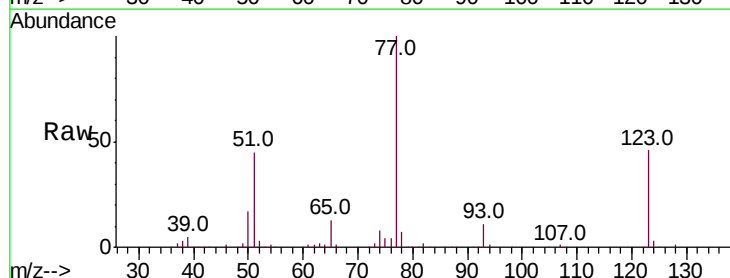
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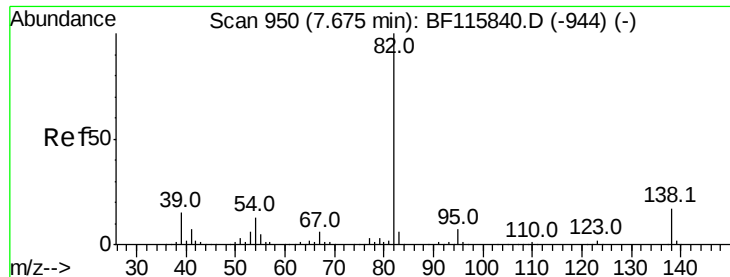
mohammad
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#24
 Nitrobenzene
 Concen: 42.077 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	36.7	55.1
65	13.3	10.6	16.0





#25

Isophorone

Concen: 43.918 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

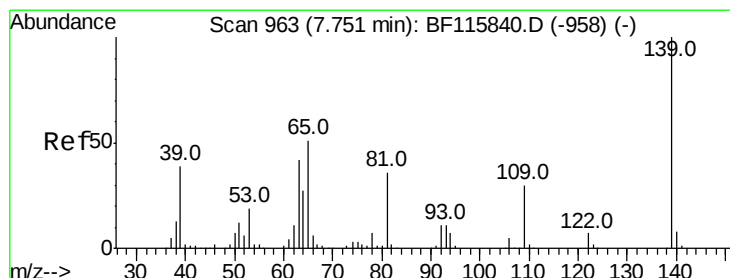
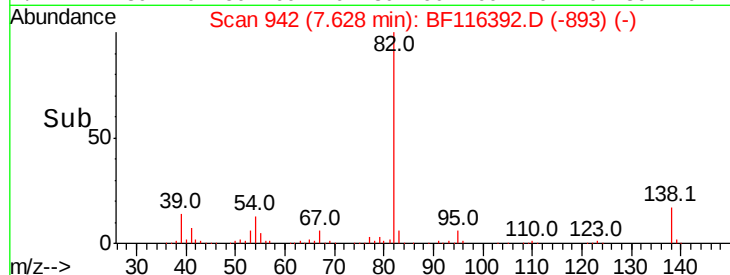
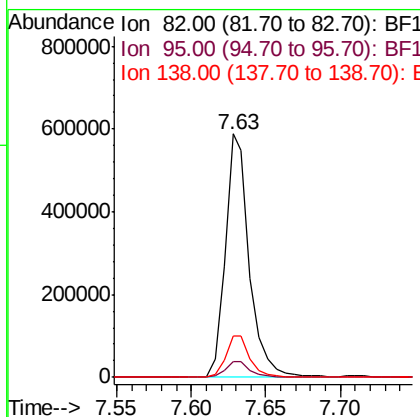
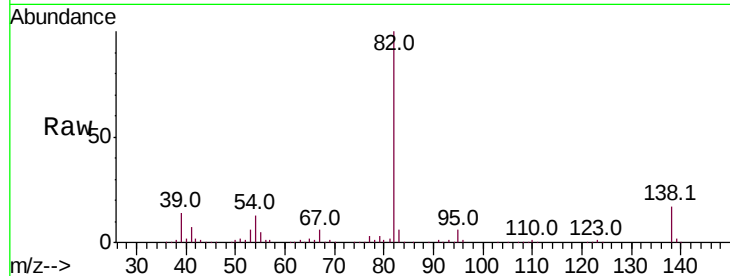
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	665338
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.4	8.0
138	16.9	14.5	21.7

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#26

2-Nitrophenol

Concen: 44.008 ng

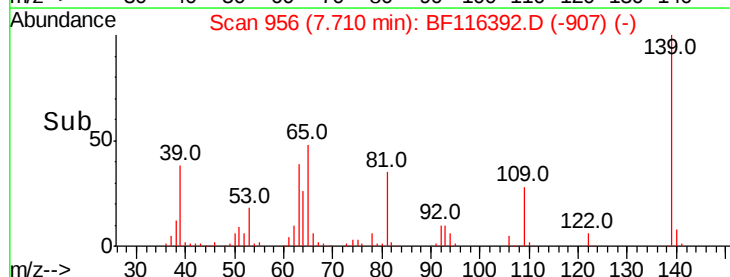
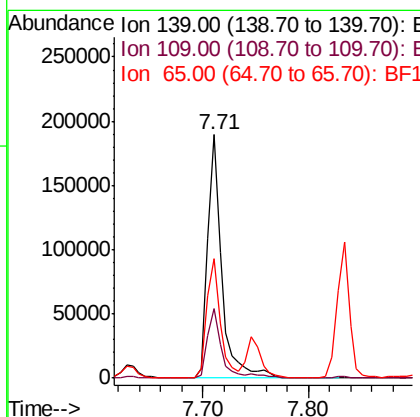
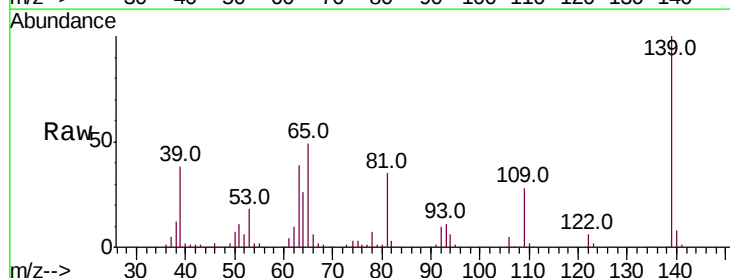
RT: 7.71 min Scan# 956

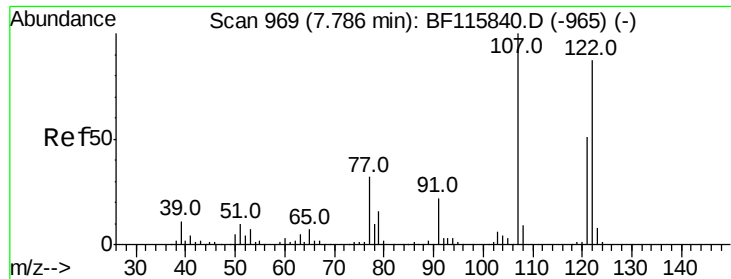
Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Tgt Ion:	139	Resp:	177465
Ion Ratio	Lower	Upper	
139	100		
109	28.3	23.4	35.2
65	48.9	41.1	61.7





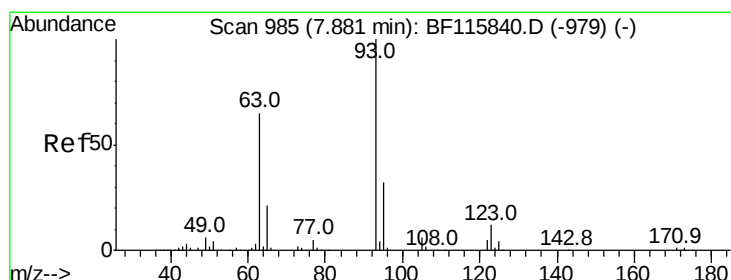
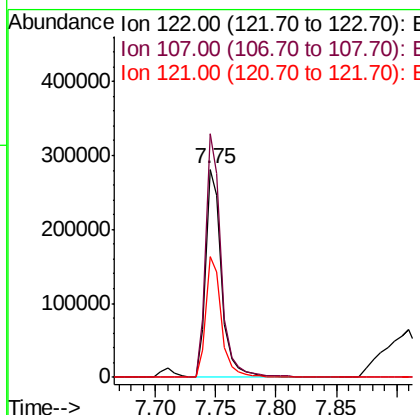
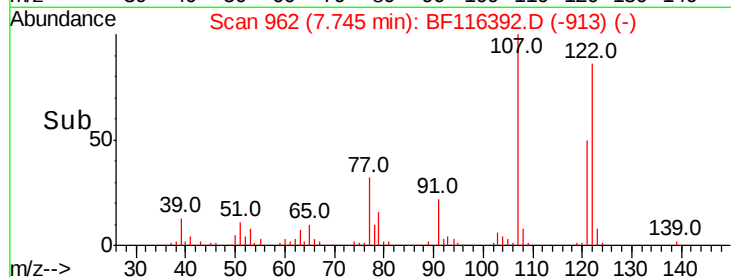
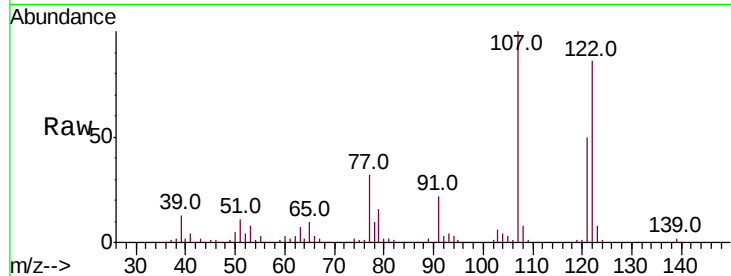
#27
2,4-Dimethylphenol
Concen: 42.053 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	93.0	139.6
121	58.0	47.6	71.4

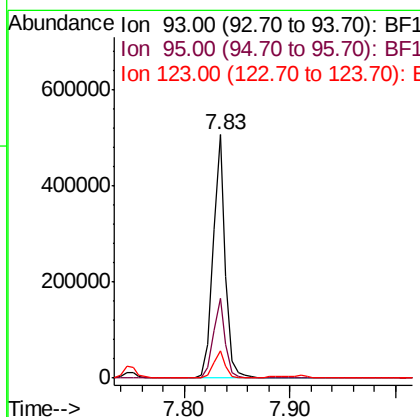
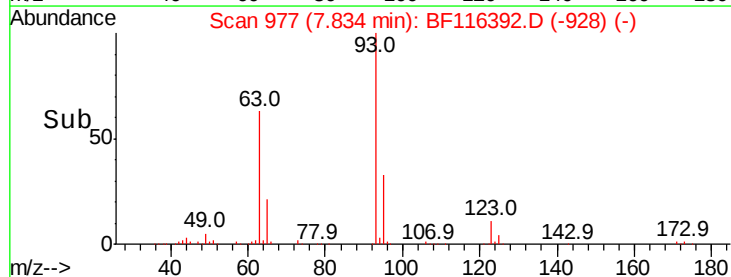
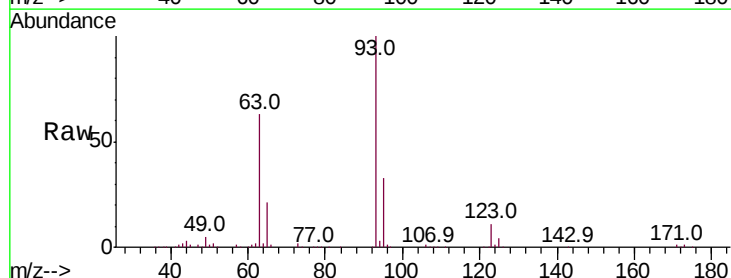
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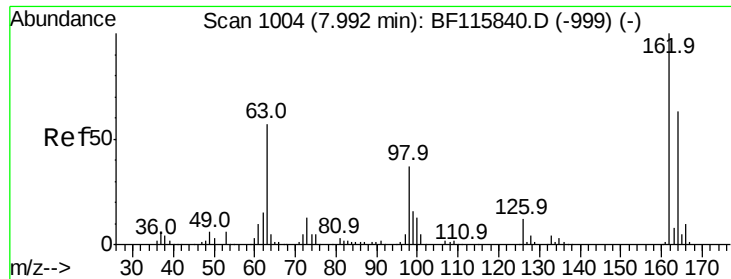
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.888 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	11.3	9.2	13.8





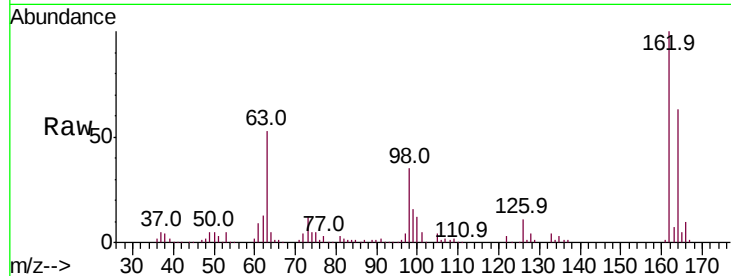
#29
 2,4-Dichlorophenol
 Concen: 43.785 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	280477		
164	63.1	45.1	85.1	
98	35.2	15.8	55.8	

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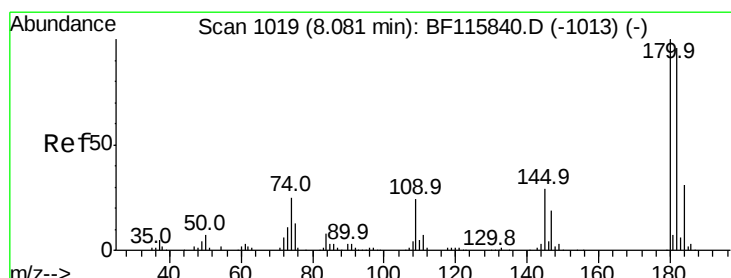
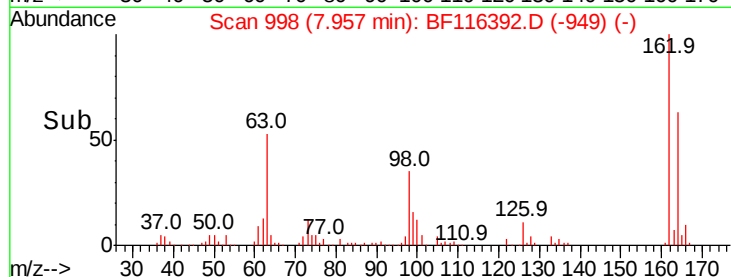
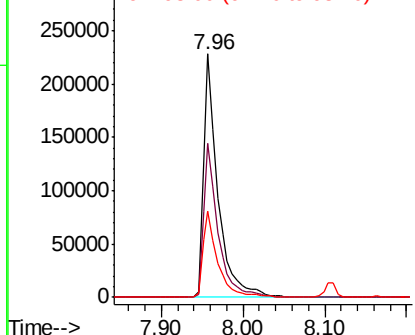


Abundance

Ion 162.00 (161.70 to 162.70): E

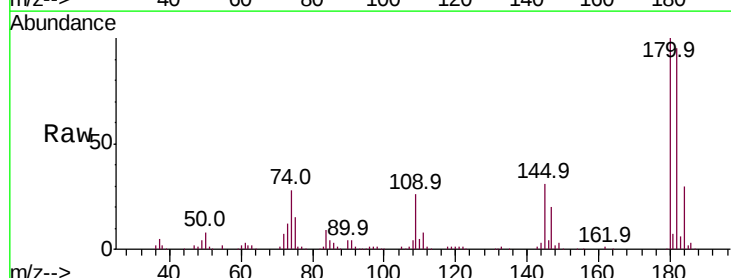
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.828 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	305427		
182	94.7	75.7	113.5	
145	30.6	24.3	36.5	

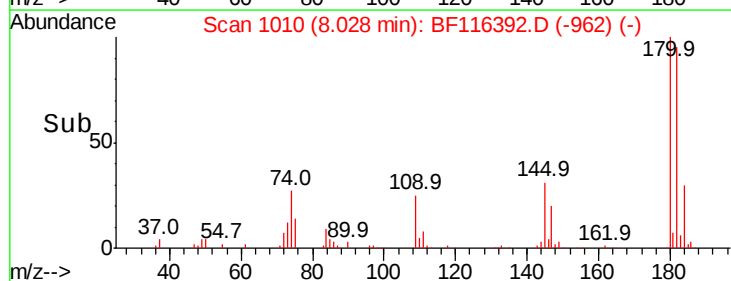
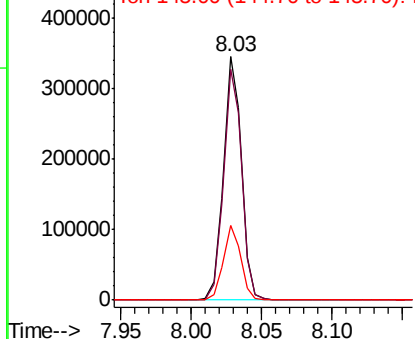


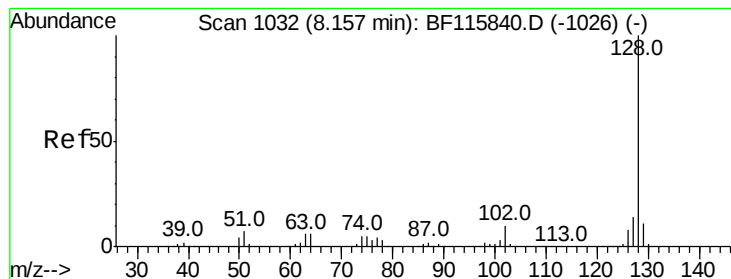
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.495 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

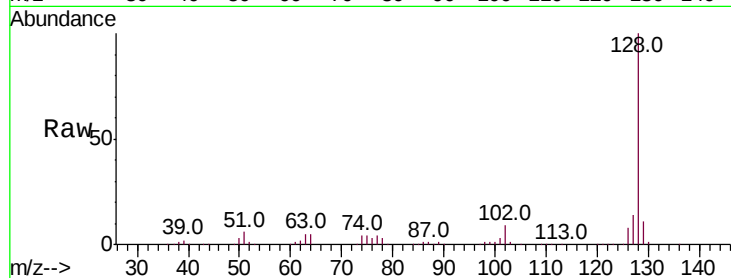
ClientSampleId :

SSTDCCC040

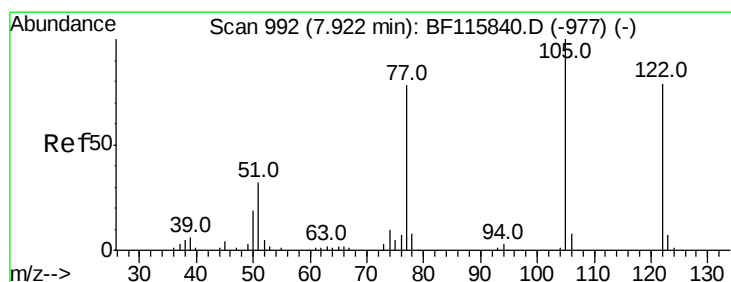
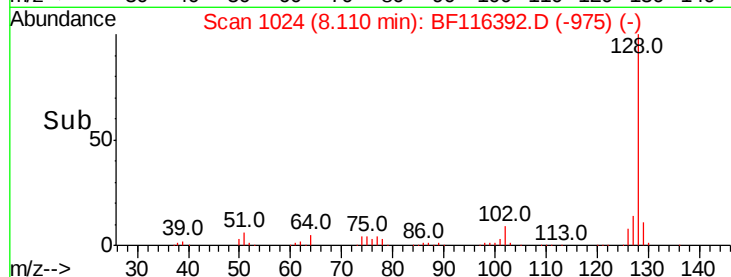
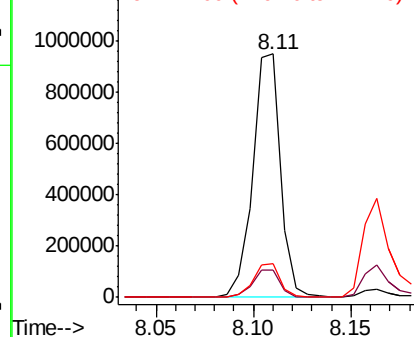
Tot Ion:	128	Resp:	936050
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.3	13.9
127	13.7	11.4	17.0

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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: 35.349 ng

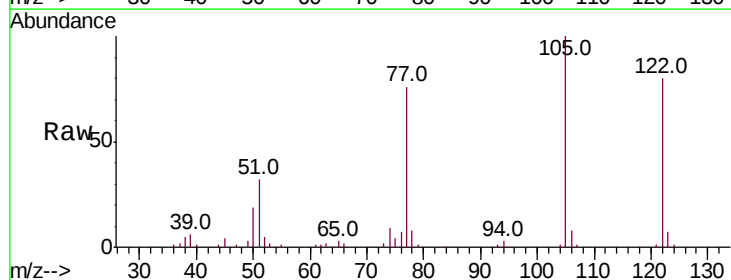
RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

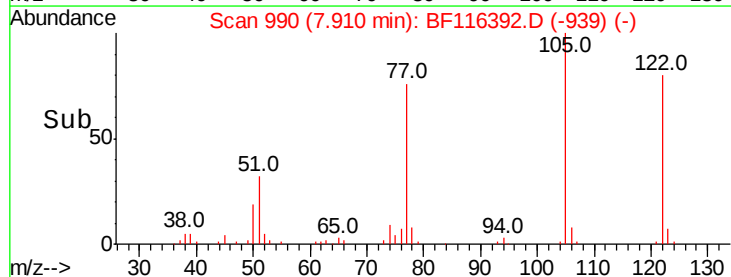
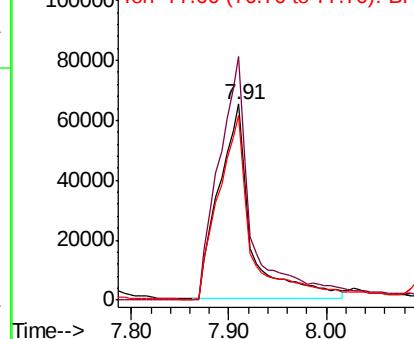
Lab File: BF116392.D

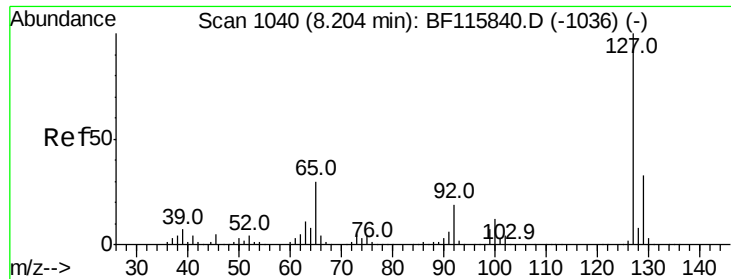
Acq: 19 Aug 2019 17:14

Tgt Ion:	122	Resp:	151201
Ion Ratio	Lower	Upper	
122	100		
105	124.4	106.1	146.1
77	94.1	76.7	116.7



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





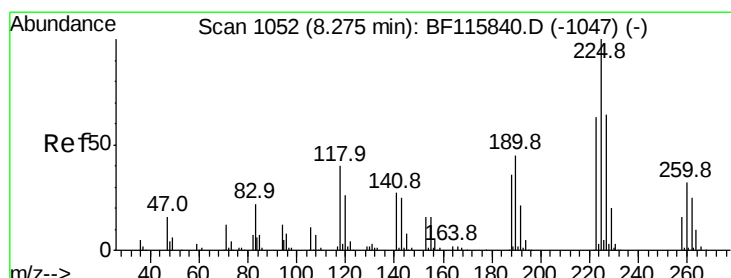
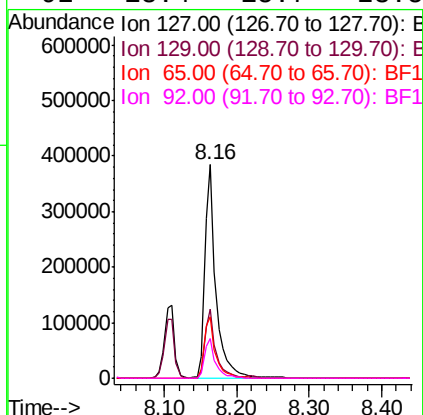
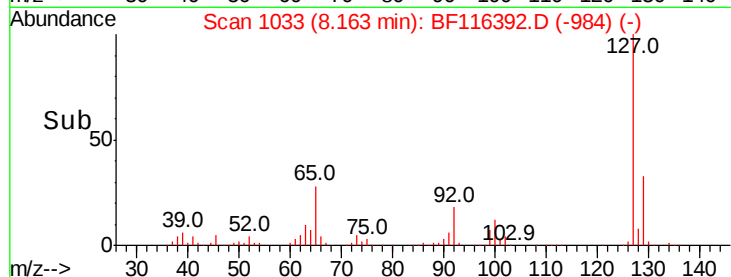
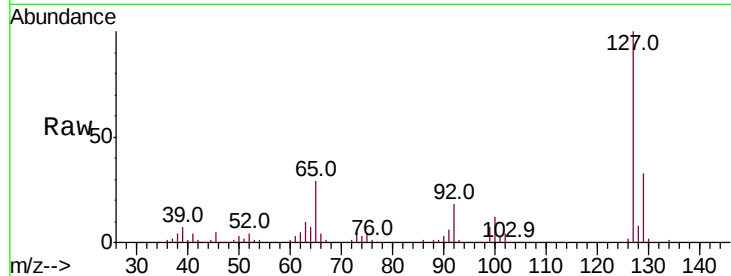
#33
4-Chloroaniline
Concen: 42.347 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	28.7	24.9	37.3
92	18.4	15.7	23.5

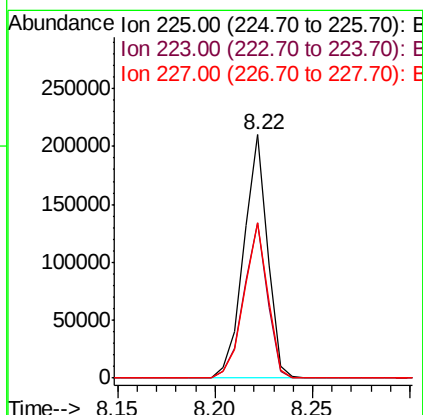
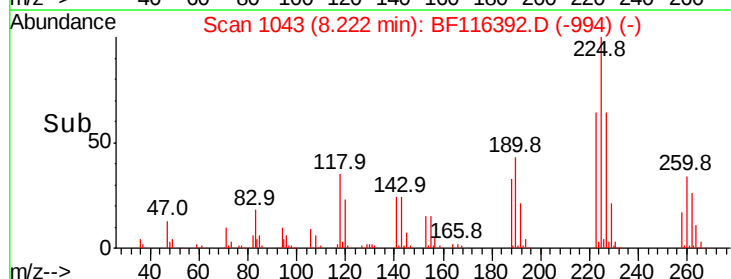
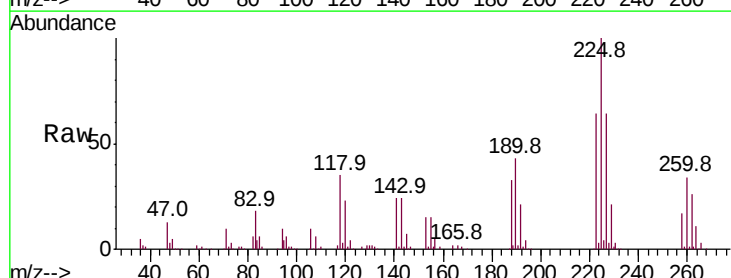
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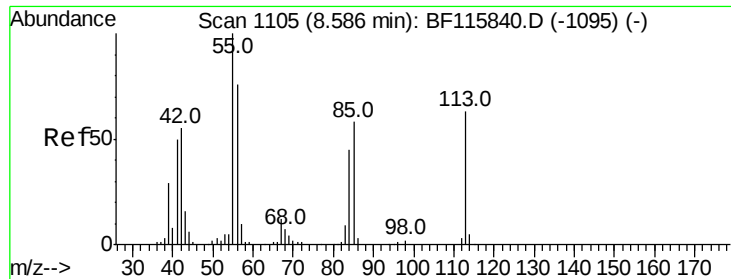
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#34
Hexachlorobutadiene
Concen: 42.131 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	63.8	51.0	76.4





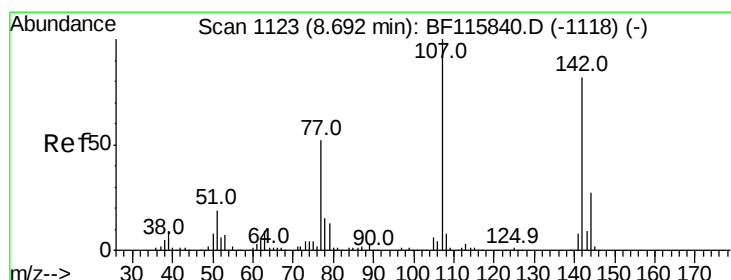
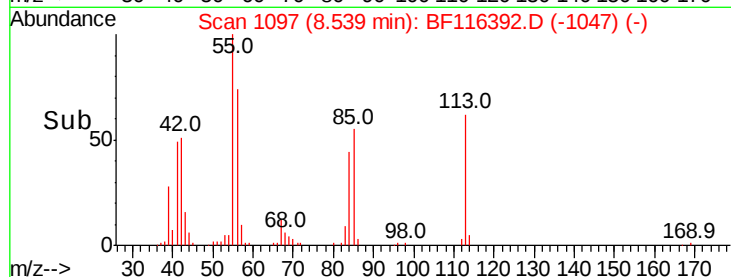
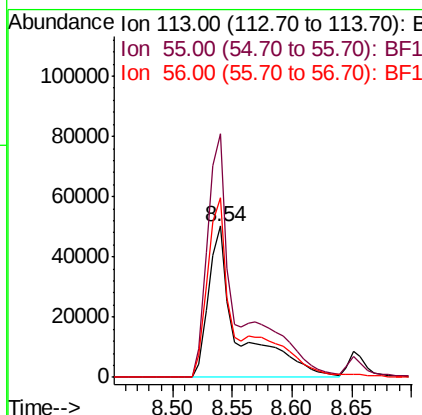
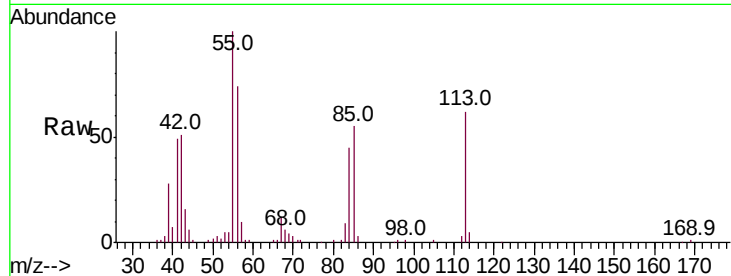
#35
Caprolactam
Concen: 42.718 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion:113 Resp: 88504
Ion Ratio Lower Upper
113 100
55 161.2 144.3 184.3
56 118.7 97.1 137.1

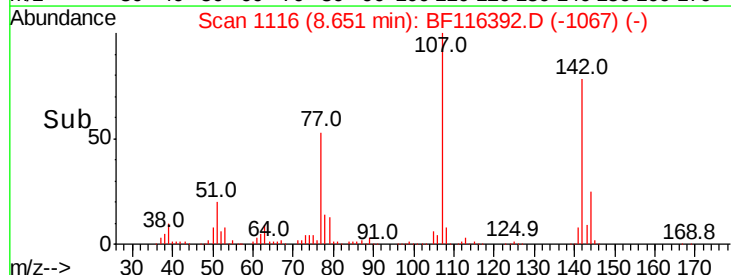
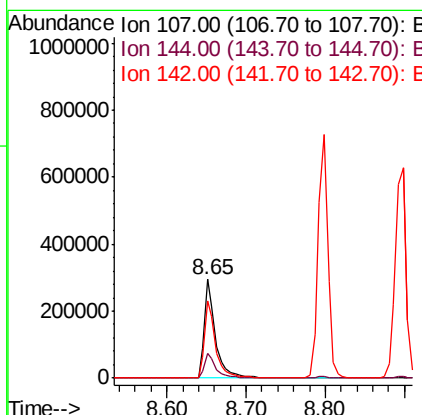
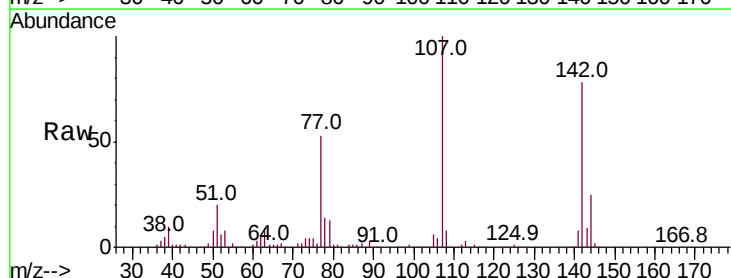
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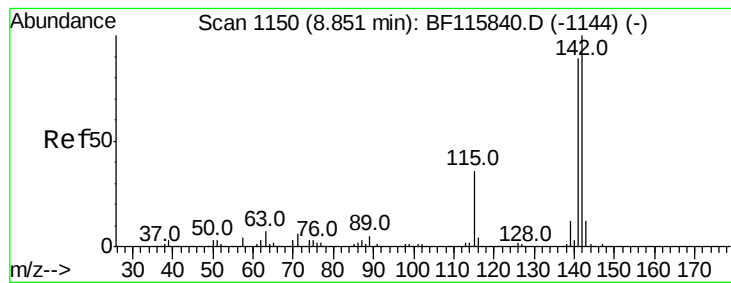
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#36
4-Chloro-3-methylphenol
Concen: 44.250 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion:107 Resp: 294890
Ion Ratio Lower Upper
107 100
144 24.8 20.2 30.2
142 78.2 61.7 92.5





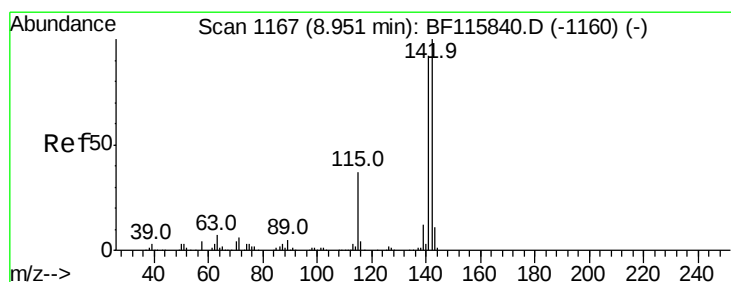
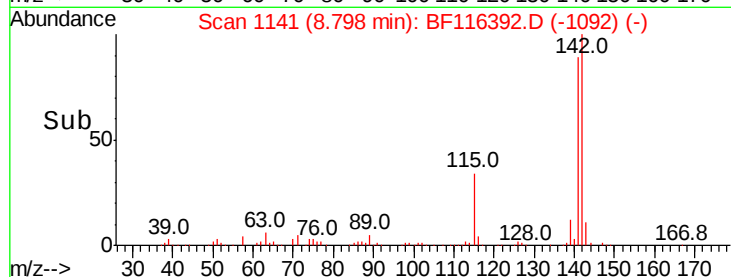
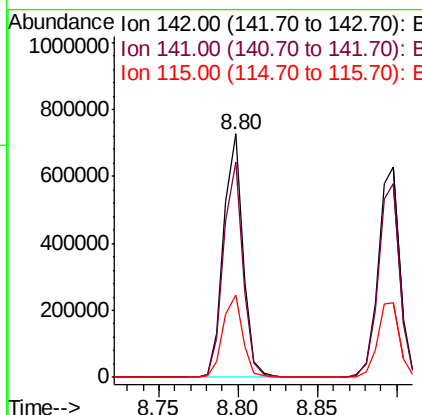
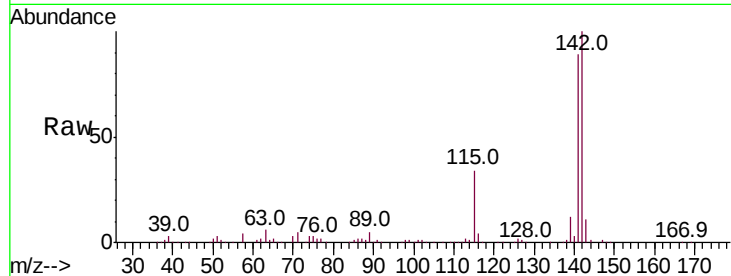
#37
2-Methylnaphthalene
Concen: 43.442 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3
115	34.1	29.0	43.6

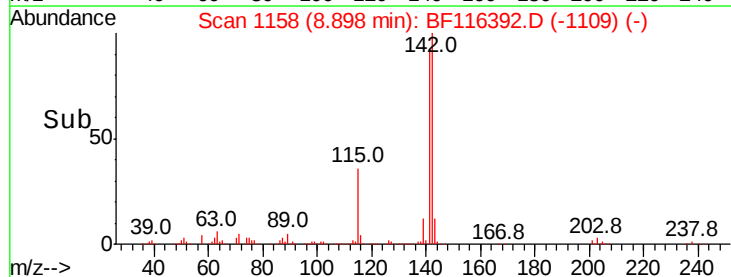
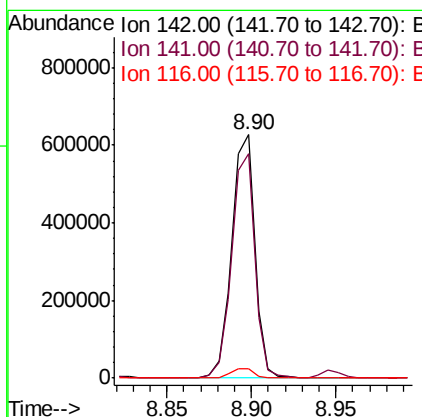
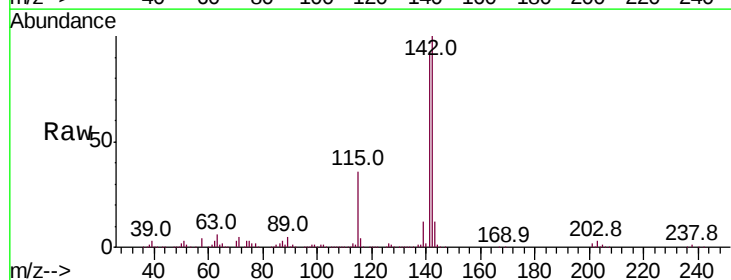
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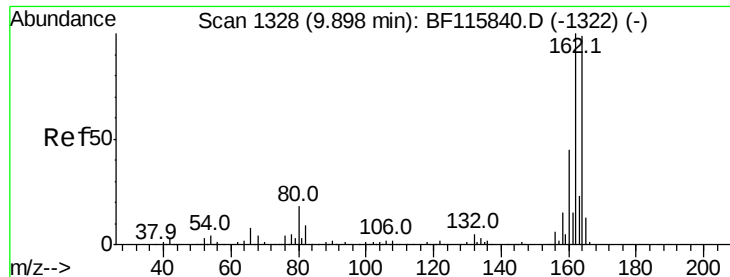
mohammad
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#38
1-Methylnaphthalene
Concen: 44.105 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.4	111.6
116	3.6	3.1	4.7





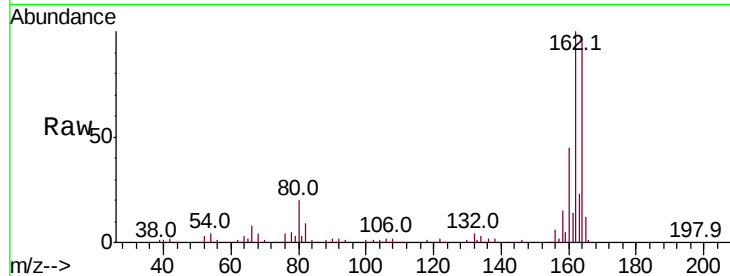
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

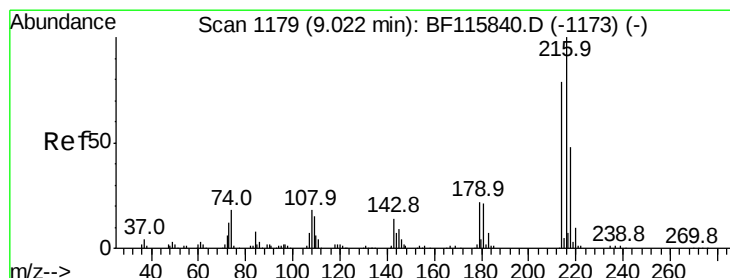
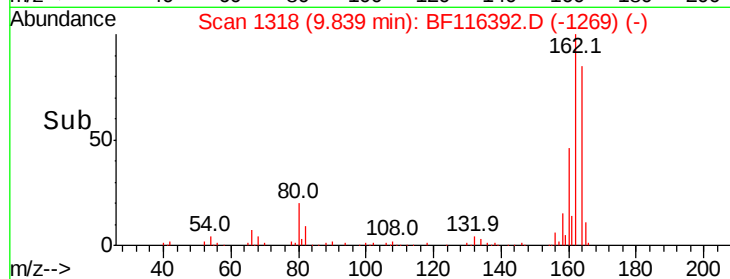
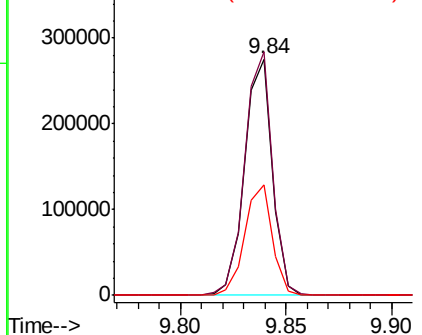
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	124.0
160	46.6	37.6	56.4

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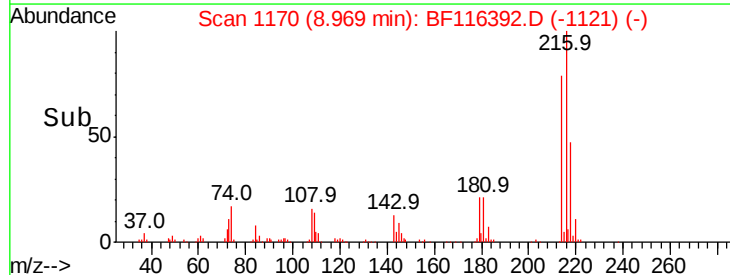
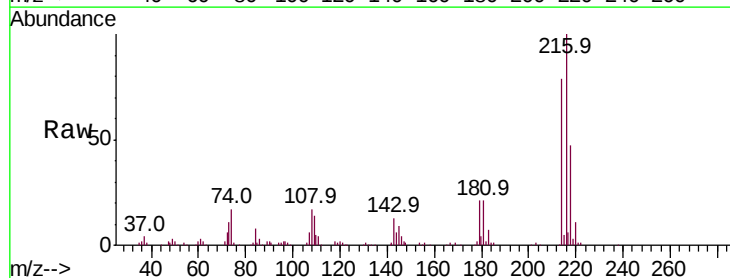
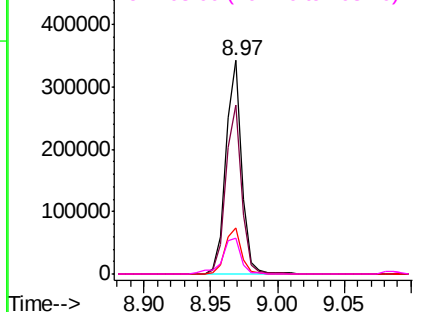
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

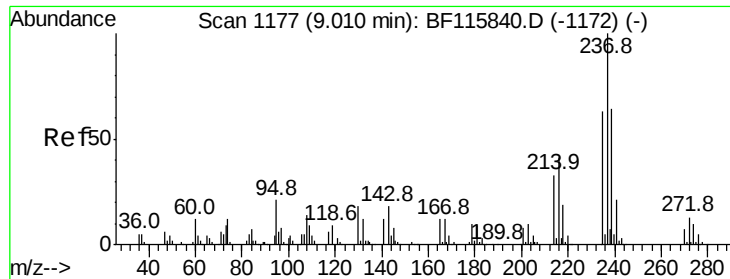


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.851 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.6	95.4
179	21.8	17.8	26.8
108	20.0	16.5	24.7

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





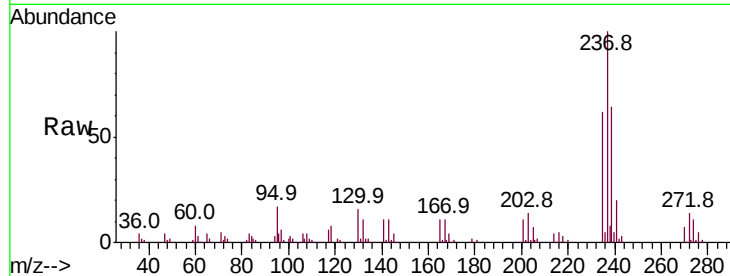
#41
Hexachlorocyclopentadiene
Concen: 41.283 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

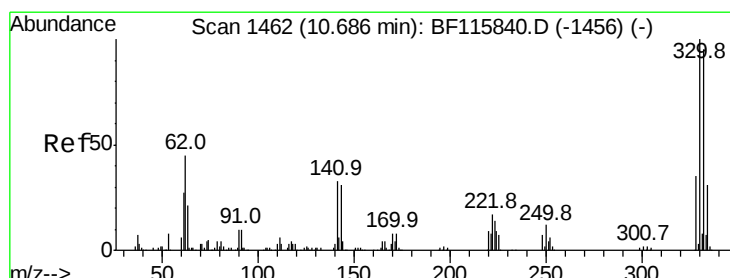
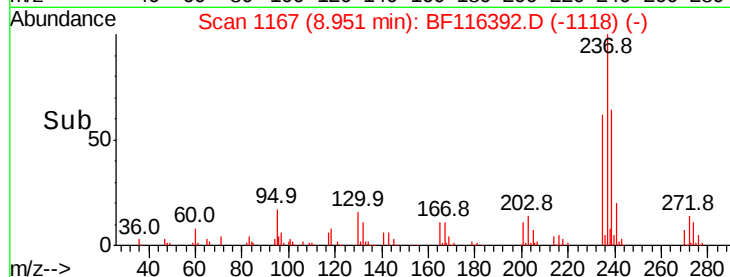
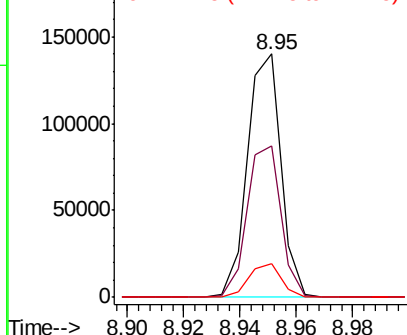
Tot Ion	Ratio	Resp	Lower	Upper
237	100	115236		
235	62.0	43.4	83.4	
272	13.6	0.0	33.2	

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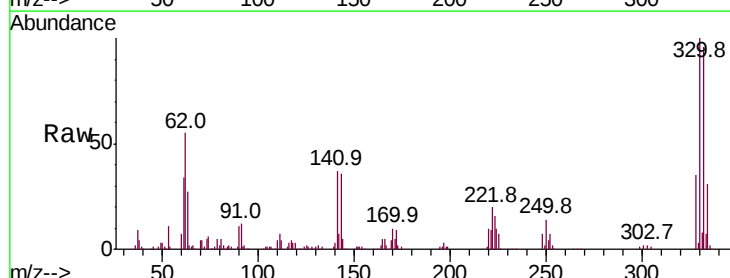


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

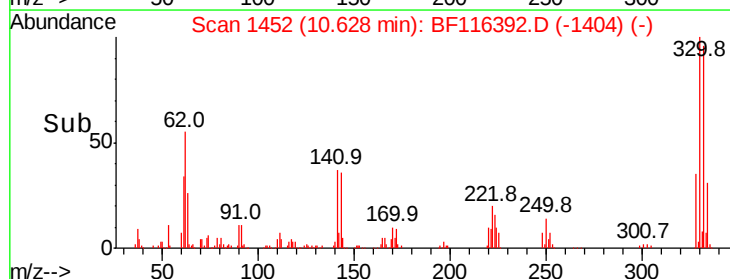
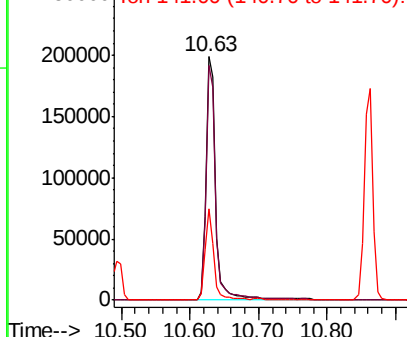


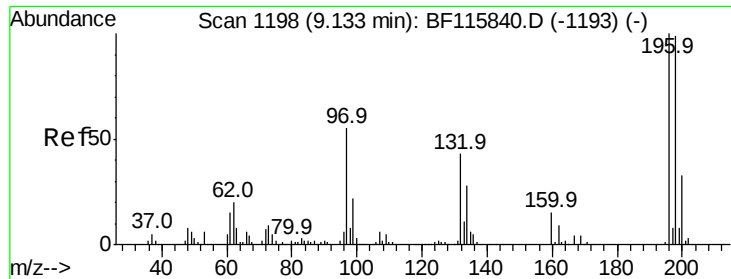
#42
2,4,6-Tribromophenol
Concen: 83.912 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	204551		
332	94.9	76.8	115.2	
141	33.6	26.3	39.5	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





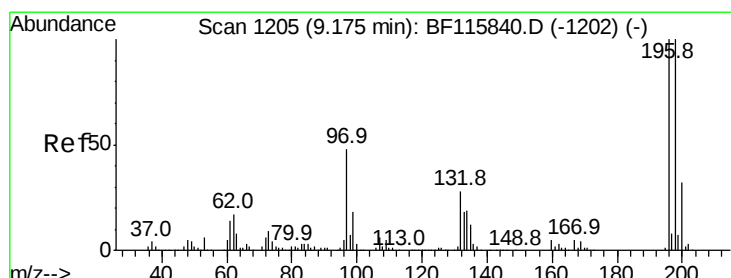
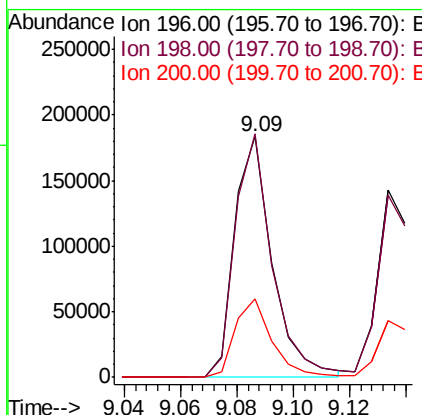
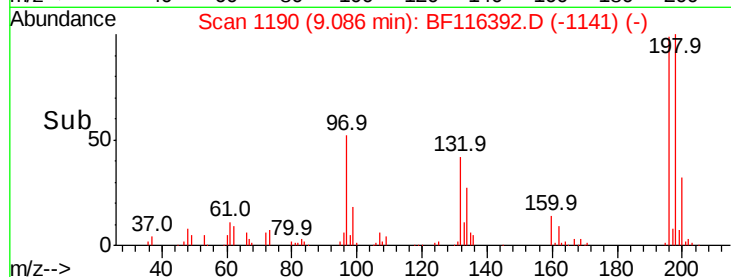
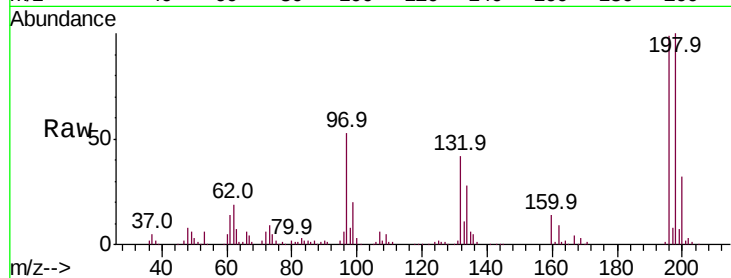
#43
 2,4,6-Trichlorophenol
 Concen: 37.056 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	171446
Ion Ratio	Lower	Upper	
196	100		
198	101.2	79.2	118.8
200	32.5	25.2	37.8

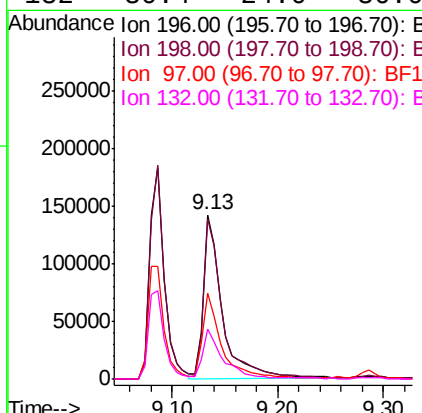
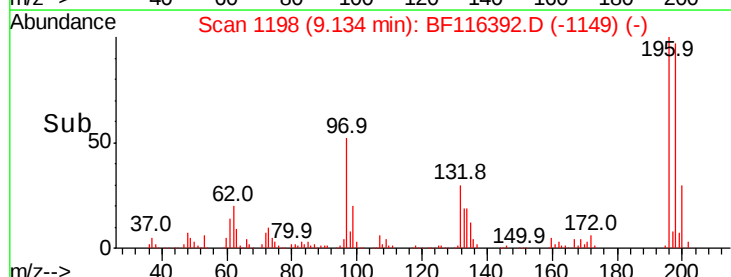
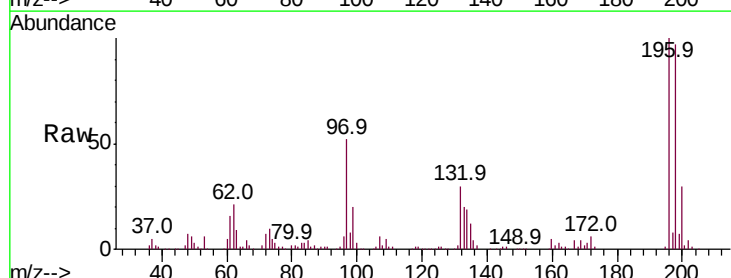
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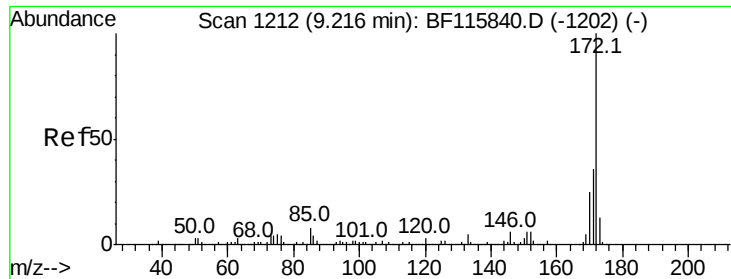
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#44
 2,4,5-Trichlorophenol
 Concen: 36.695 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Tgt Ion:	196	Resp:	175495
Ion Ratio	Lower	Upper	
196	100		
198	97.4	78.8	118.2
97	52.5	42.2	63.4
132	30.4	24.0	36.0





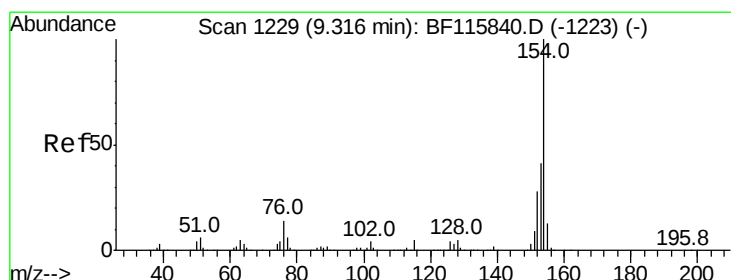
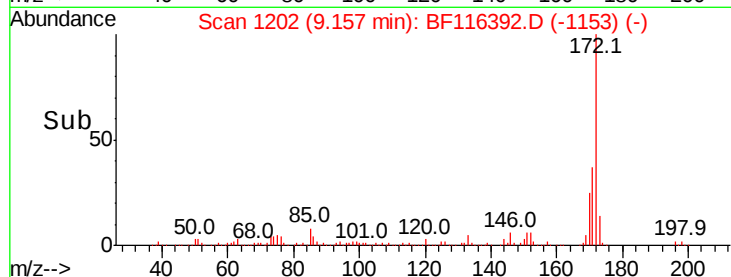
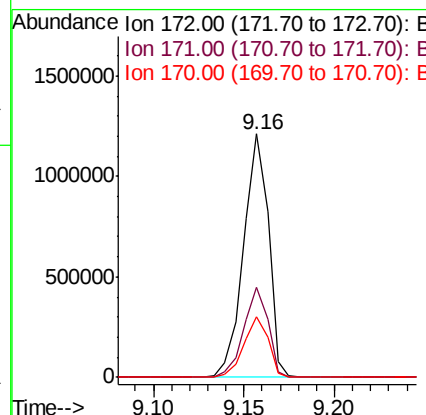
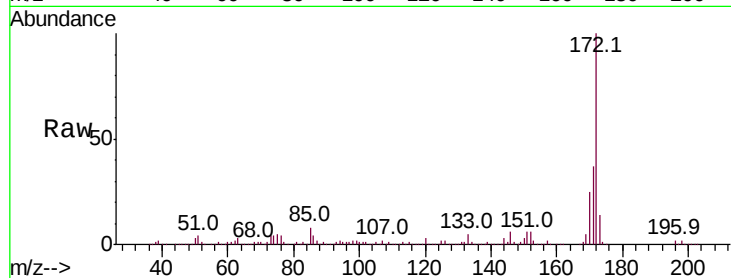
#45
2-Fluorobiphenyl
Concen: 86.221 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.8	20.1	30.1

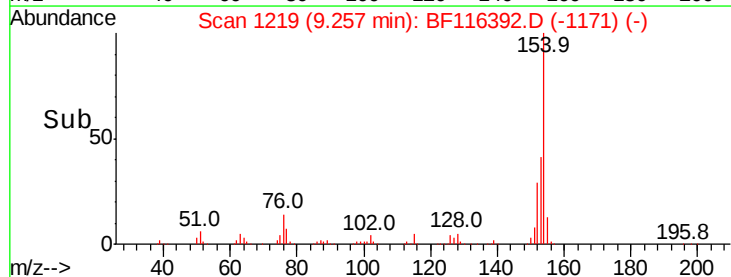
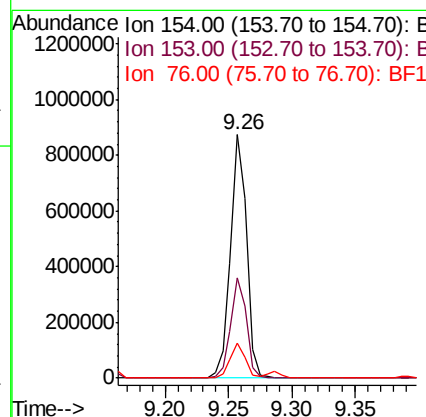
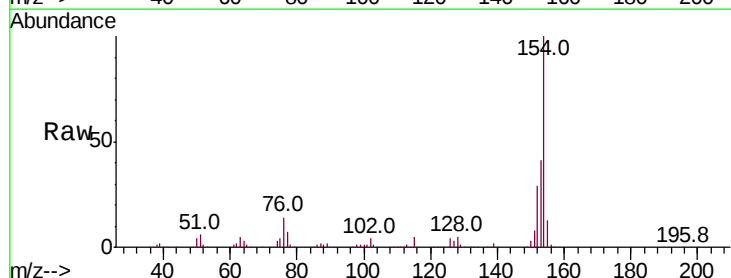
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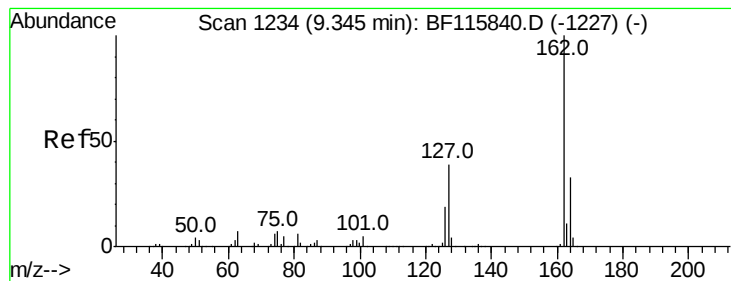
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#46
1,1'-Biphenyl
Concen: 43.263 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.4	61.4
76	14.5	0.0	35.2





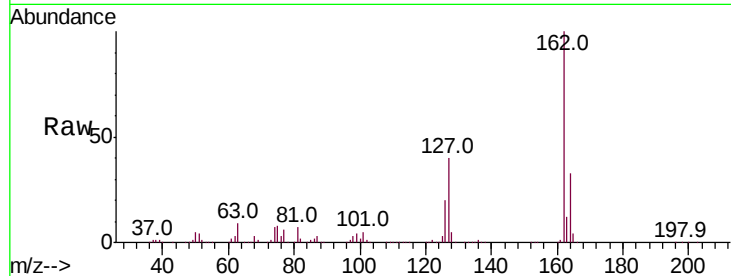
#47
2-Chloronaphthalene
Concen: 42.073 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

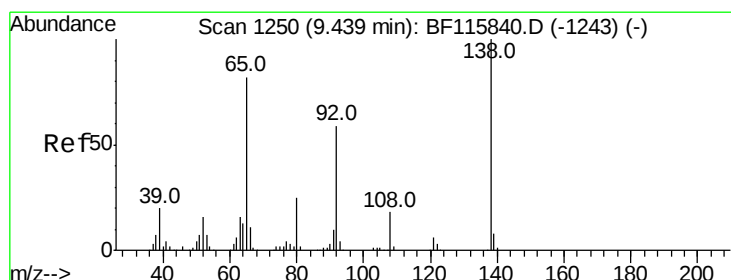
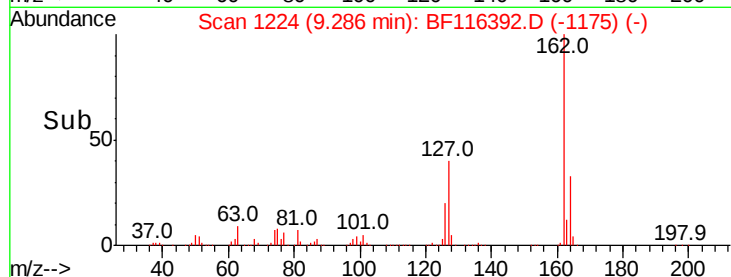
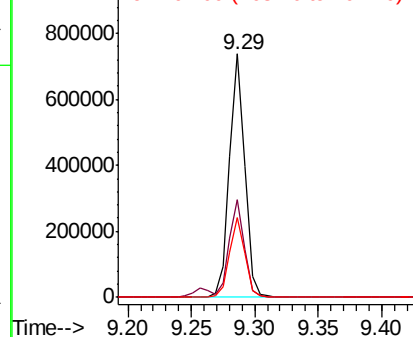
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.2	32.8	49.2	
164	32.8	26.6	39.8	

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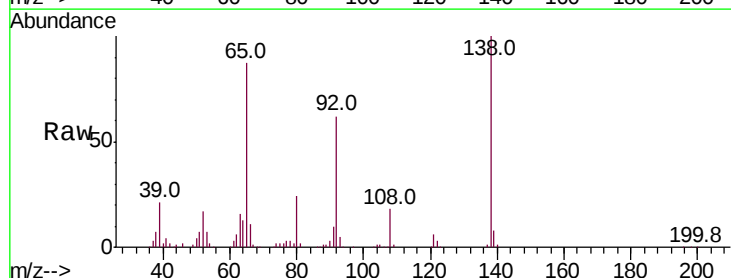


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

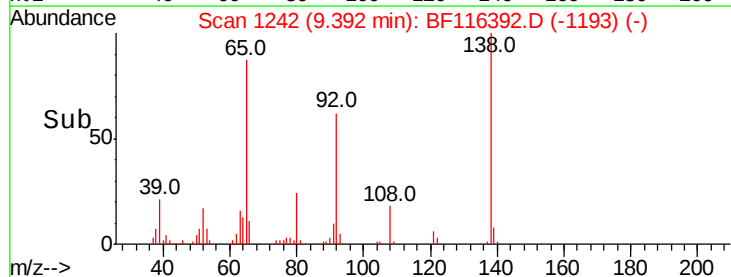
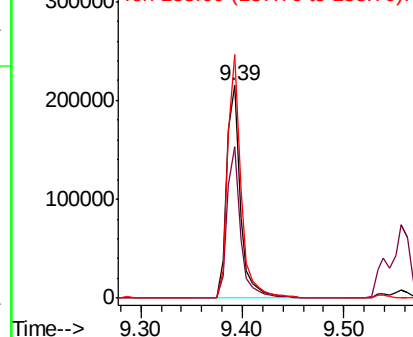


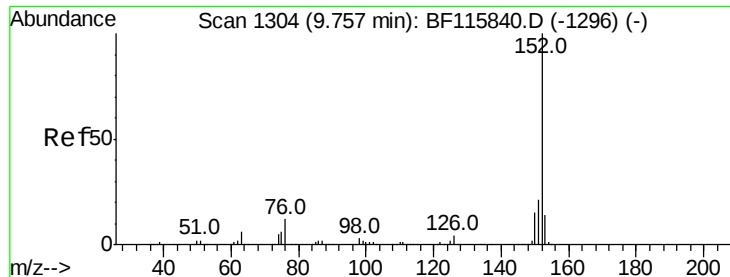
#48
2-Nitroaniline
Concen: 41.839 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.1	57.8	86.8	
138	114.6	94.0	141.0	



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





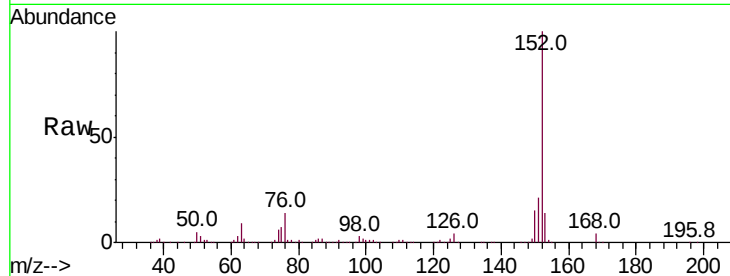
#49
Acenaphthylene
Concen: 42.667 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

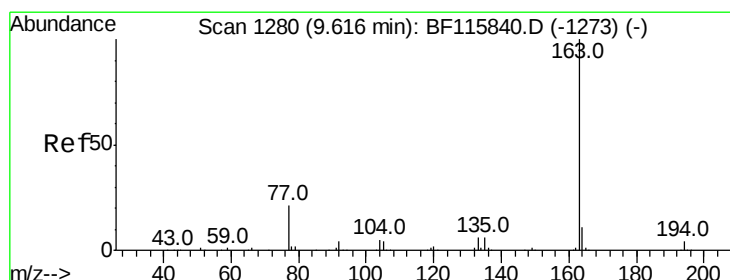
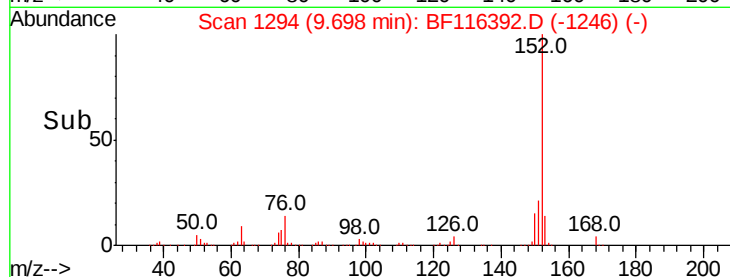
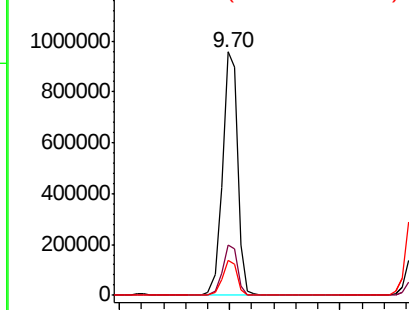
Tot Ion	Ratio	Resp	Lower	Upper
152	100	919638		
151	20.6		17.2	25.8
153	14.4		11.8	17.8

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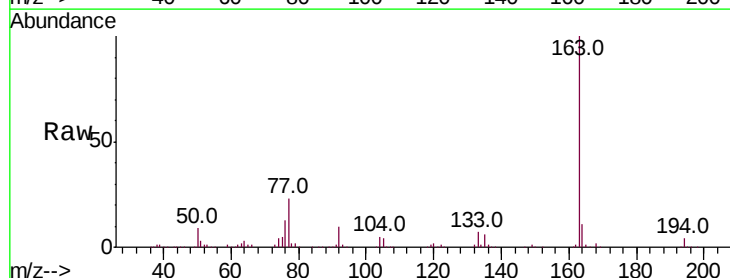


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

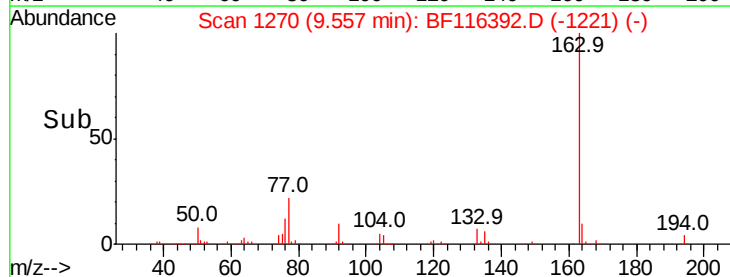
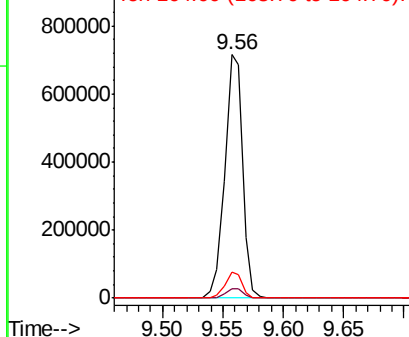


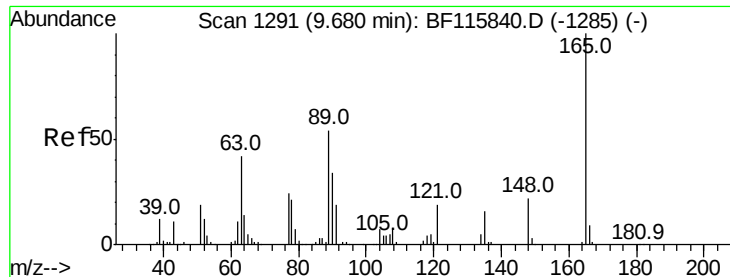
#50
Dimethylphthalate
Concen: 42.534 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	728167		
194	3.8		3.0	4.6
164	10.5		8.4	12.6



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: 42.532 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

ClientSampled :

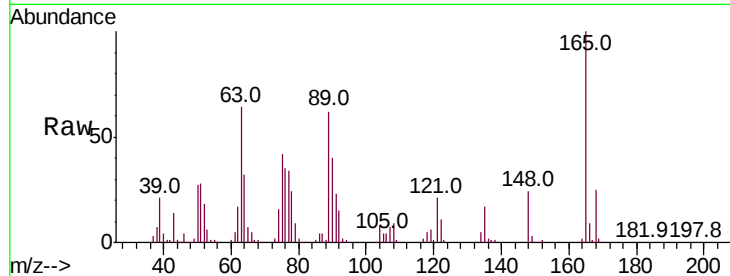
SSTDCCC040

Tot Ion:165 Resp: 158235
Ion Ratio Lower Upper

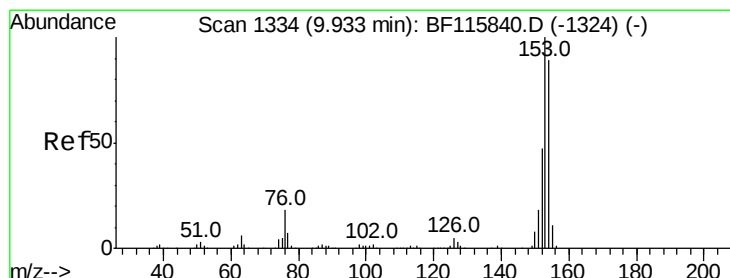
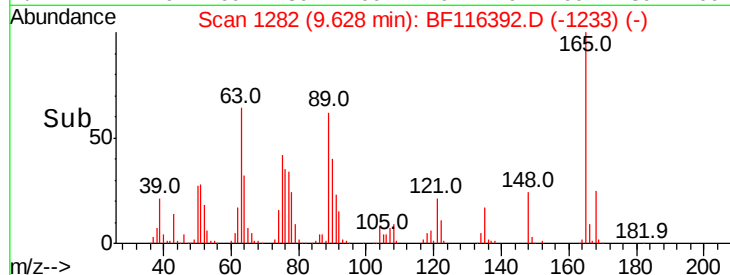
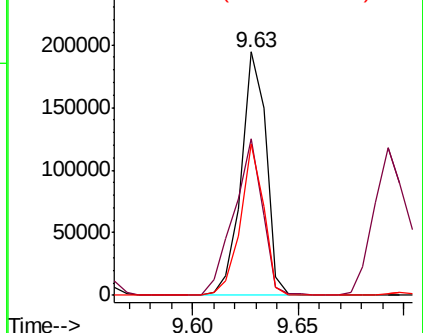
165	100		
63	64.4	38.2	57.2#
89	62.0	42.9	64.3

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



#52

Acenaphthene

Concen: 42.777 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

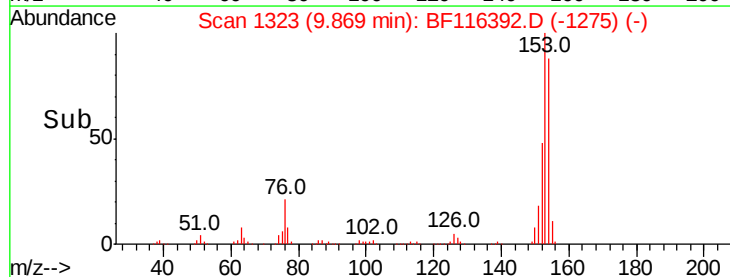
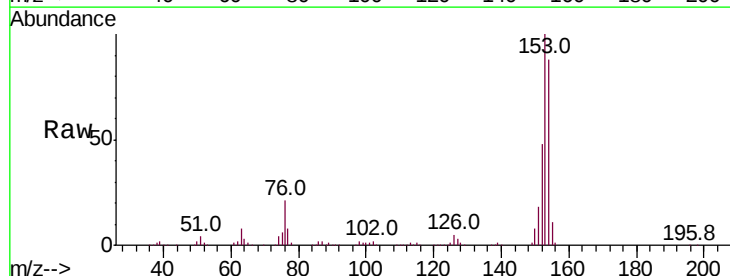
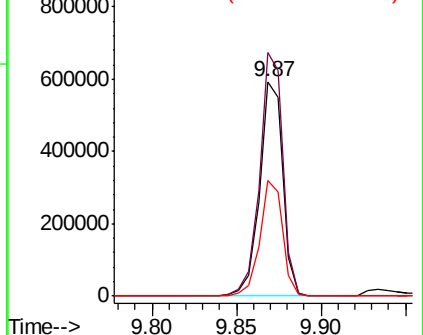
Lab File: BF116392.D

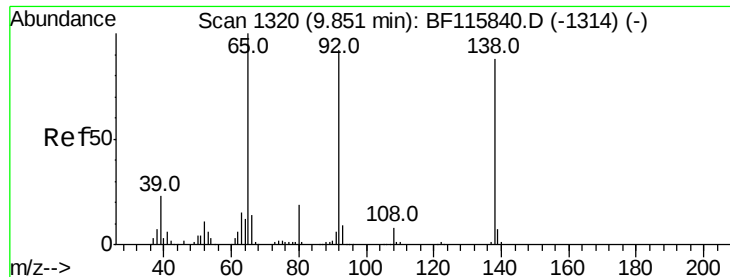
Acq: 19 Aug 2019 17:14

Tgt Ion:154 Resp: 565640
Ion Ratio Lower Upper

154	100		
153	113.4	89.4	134.0
152	54.0	42.3	63.5

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





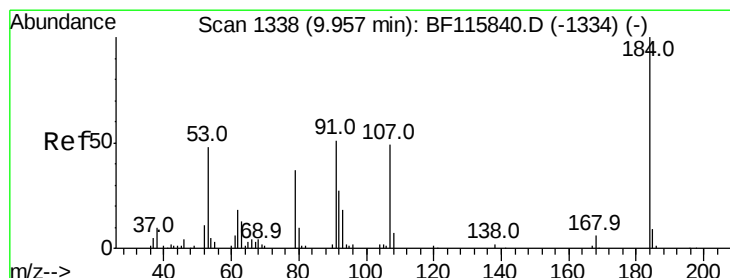
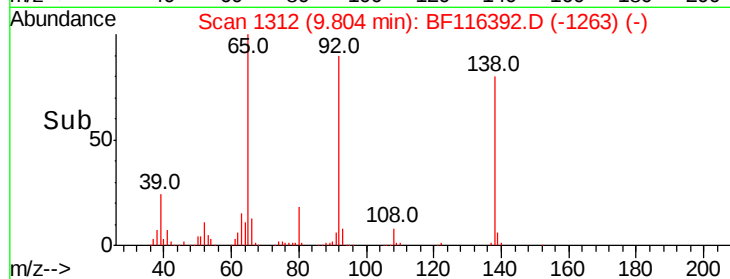
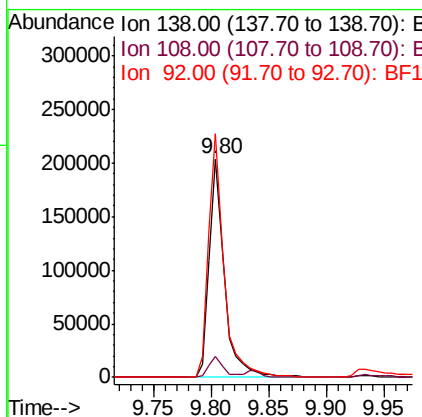
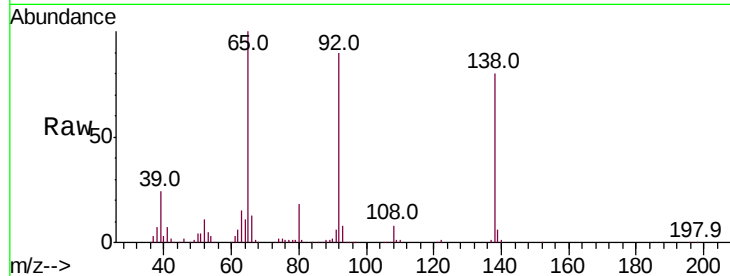
#53
3-Nitroaniline
Concen: 40.665 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	186938		
108	9.7	8.0	12.0	
92	111.6	91.0	136.6	

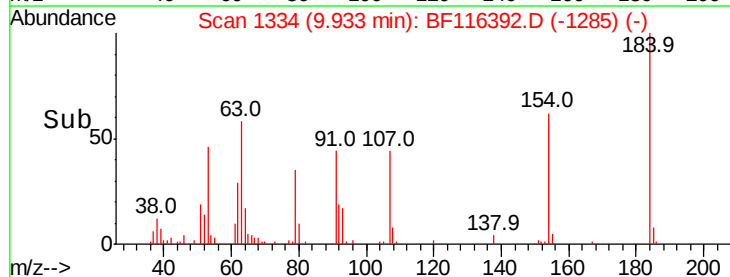
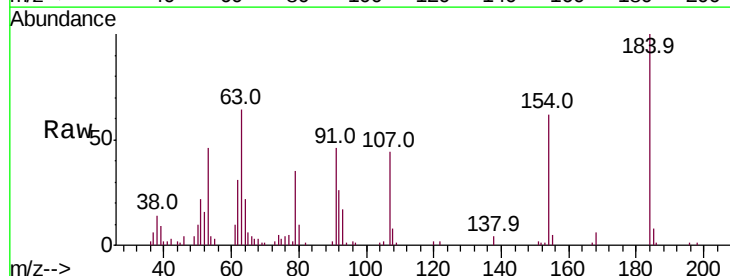
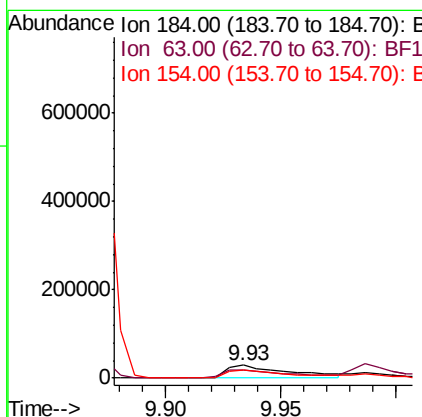
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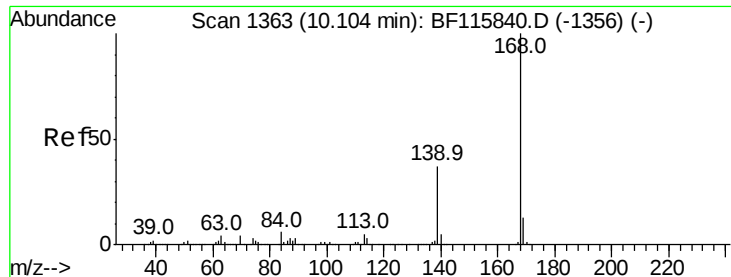
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#54
2,4-Dinitrophenol
Concen: 33.409 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	53677		
63	64.0	53.0	79.4	
154	61.9	50.1	75.1	





#55

Dibenzofuran

Concen: 41.217 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

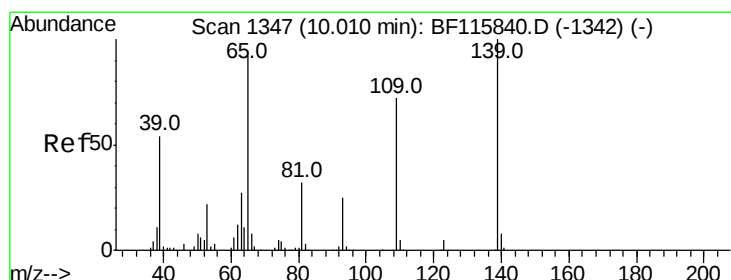
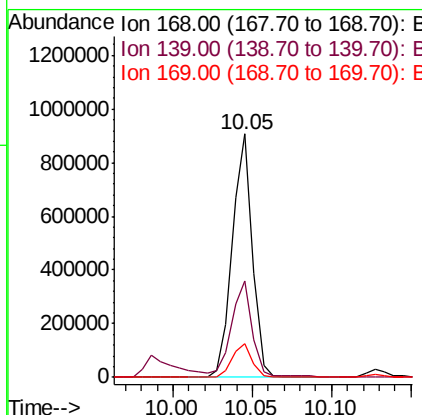
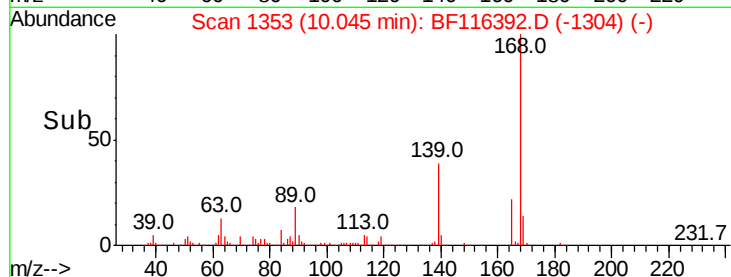
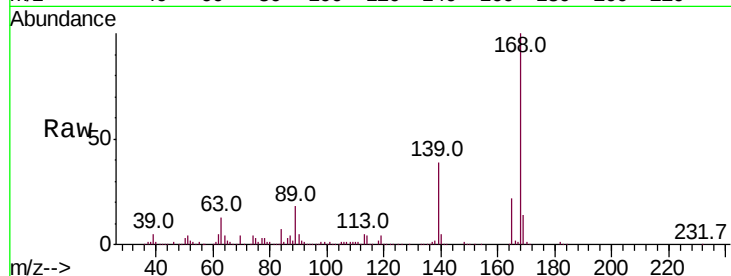
ClientSampleId :

SSTDCCC040

Tot Ion:168	Resp:	792593
Ion Ratio	Lower	Upper
168 100		
139 39.4	31.4	47.2
169 13.7	10.9	16.3

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#56

4-Nitrophenol

Concen: 37.442 ng

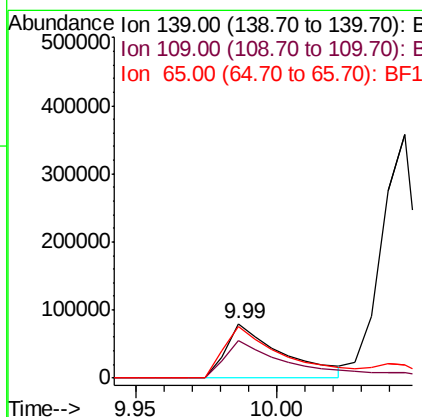
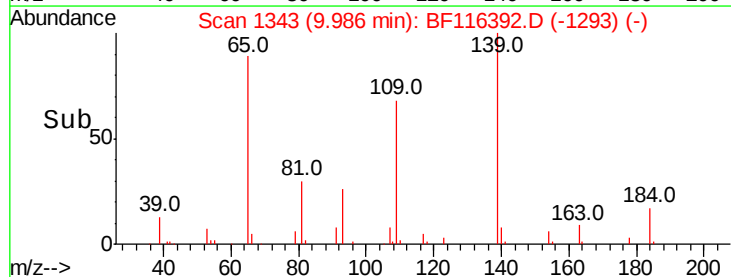
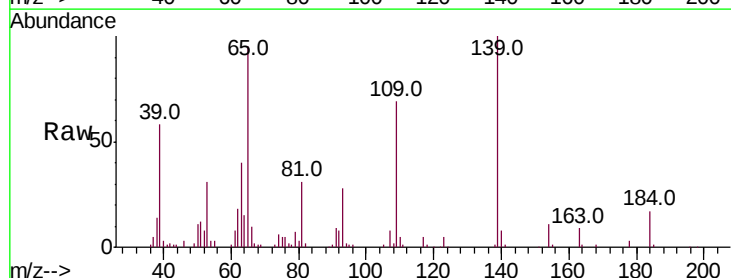
RT: 9.99 min Scan# 1343

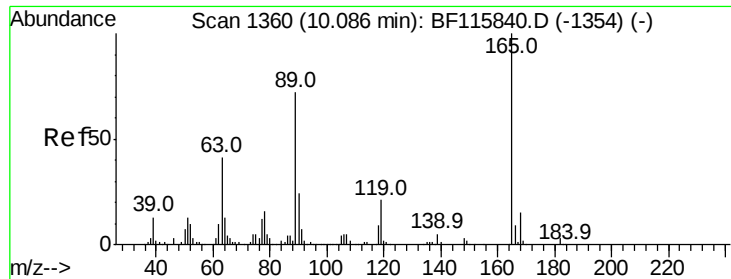
Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Tgt Ion:139	Resp:	110262
Ion Ratio	Lower	Upper
139 100		
109 68.8	54.4	94.4
65 94.9	80.6	120.6





#57

2,4-Dinitrotoluene

Concen: 40.316 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

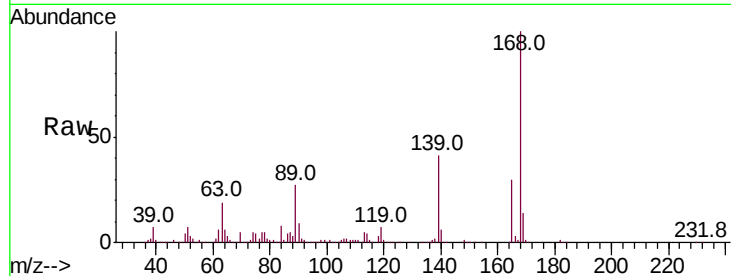
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199701		
63	65.1	39.6	59.4	#
89	89.5	62.2	93.2	
182	2.7	2.1	3.1	

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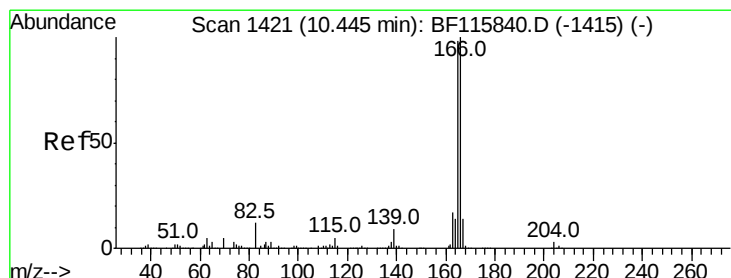
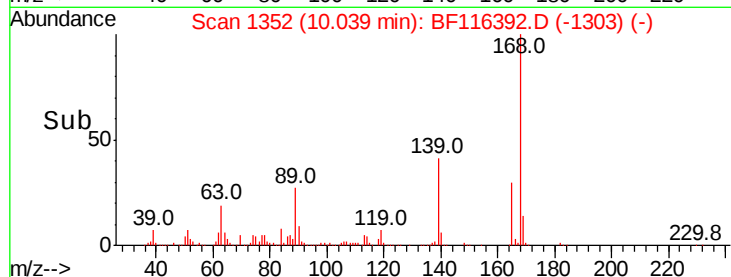
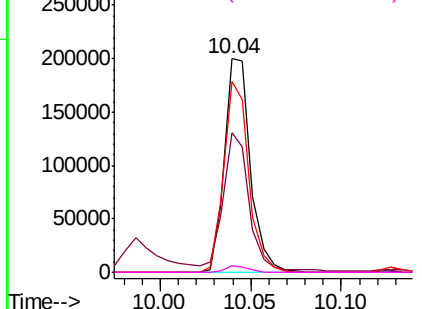
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.967 ng

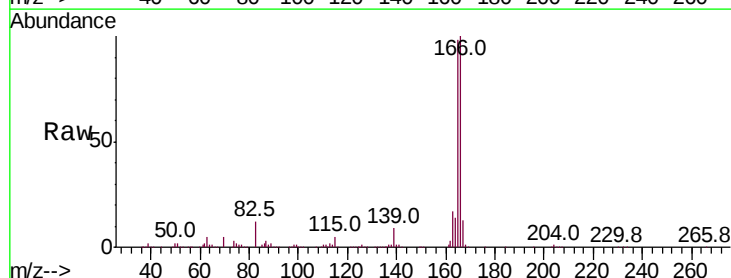
RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	665279		
165	97.9	78.4	117.6	
167	13.5	11.0	16.4	

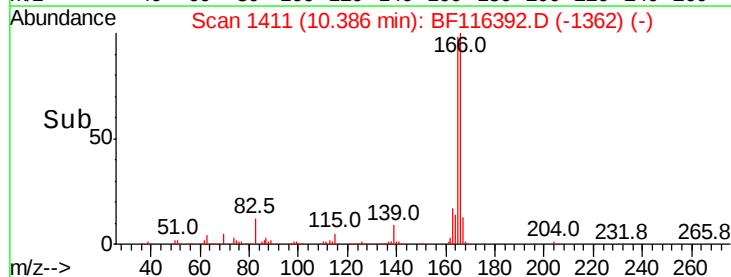
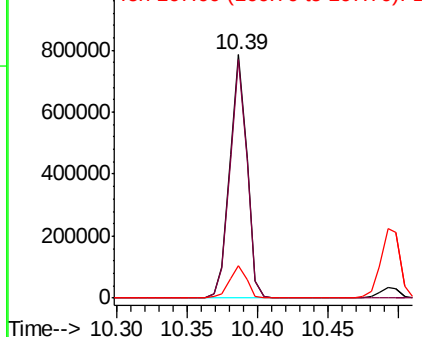


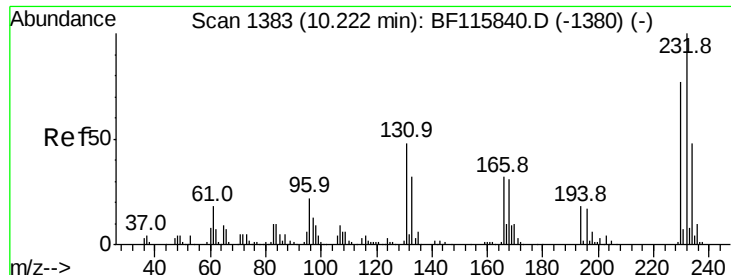
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.733 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 159871

Ion Ratio Lower Upper

232 100

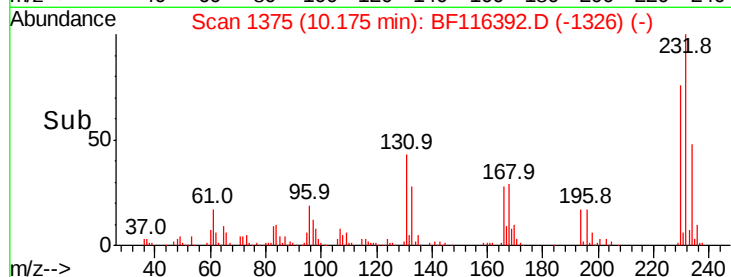
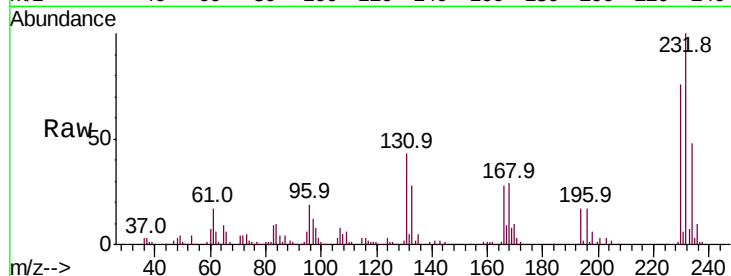
131 44.7 36.2 54.2

130 2.3 1.9 2.9

166 27.1 23.0 34.4

Manual Integrations
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Abundance Ion 232.00 (231.70 to 232.70): E

1200000 Ion 131.00 (130.70 to 131.70): E

1000000 Ion 130.00 (129.70 to 130.70): E

800000 Ion 166.00 (165.70 to 166.70): E

600000

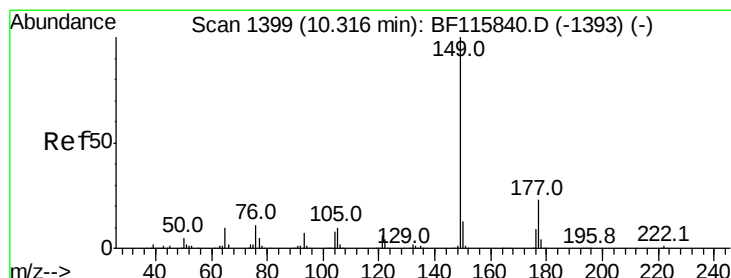
400000

200000

0

10.10 10.20 10.30

Time-->



#60

Diethylphthalate

Concen: 43.960 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

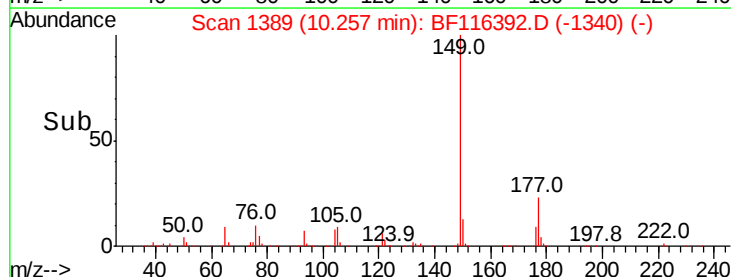
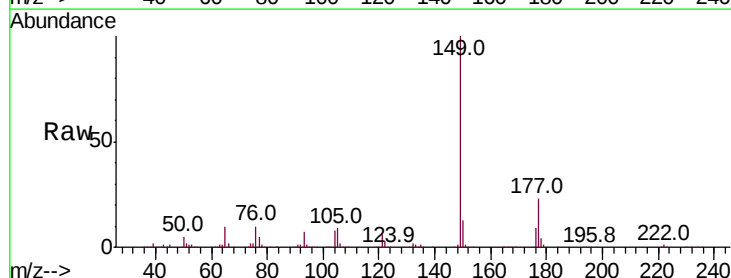
Tgt Ion:149 Resp: 702622

Ion Ratio Lower Upper

149 100

177 23.1 18.8 28.2

150 12.7 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

1200000 Ion 177.00 (176.70 to 177.70): E

1000000 Ion 150.00 (149.70 to 150.70): E

800000

600000

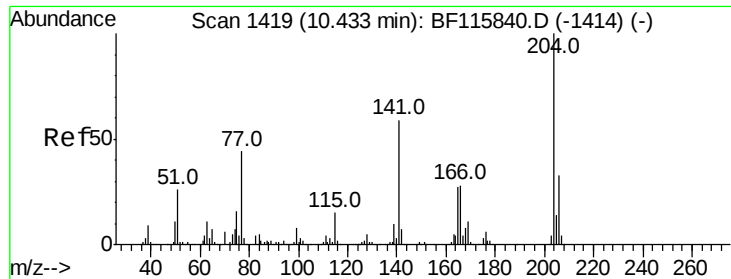
400000

200000

0

10.20 10.25 10.30 10.35

Time-->



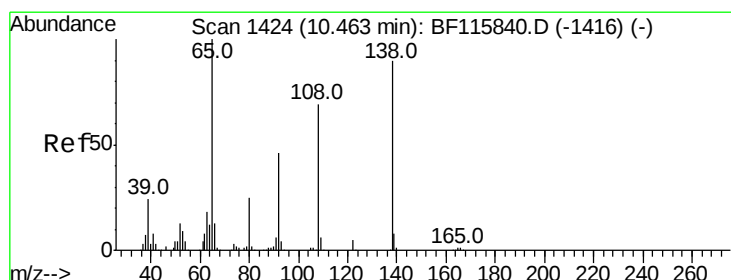
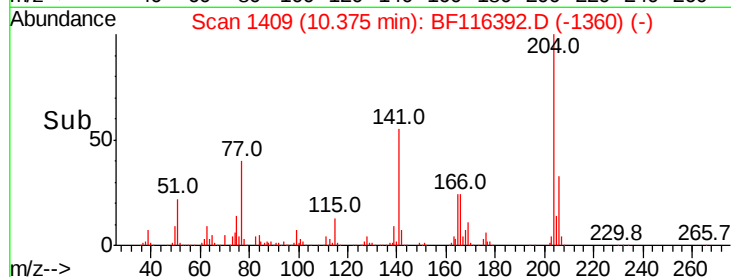
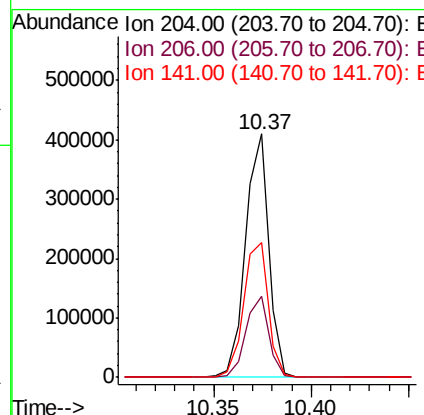
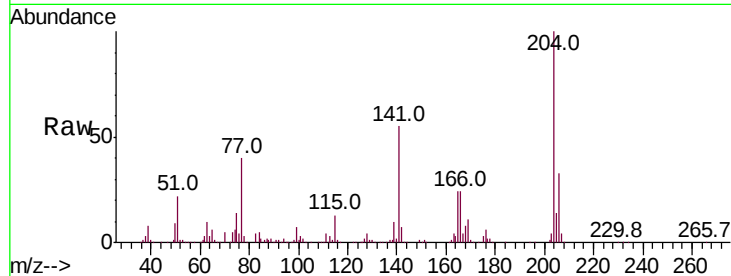
#61
4-Chlorophenyl-phenylether
Concen: 45.171 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.4	39.6
141	55.3	46.4	69.6

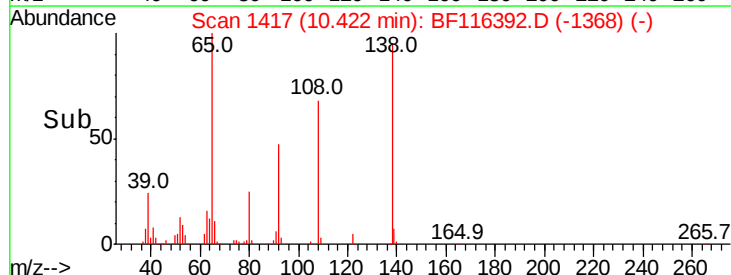
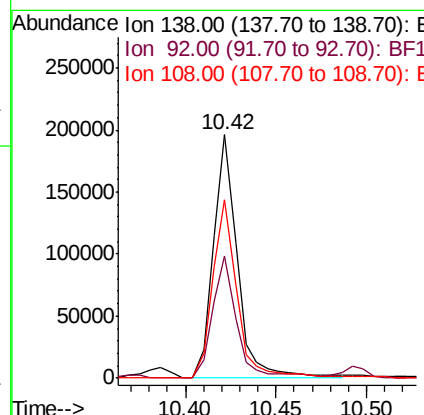
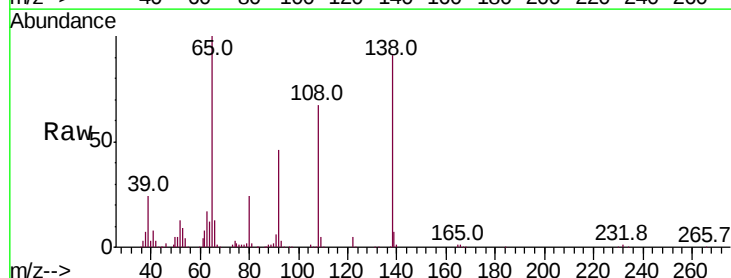
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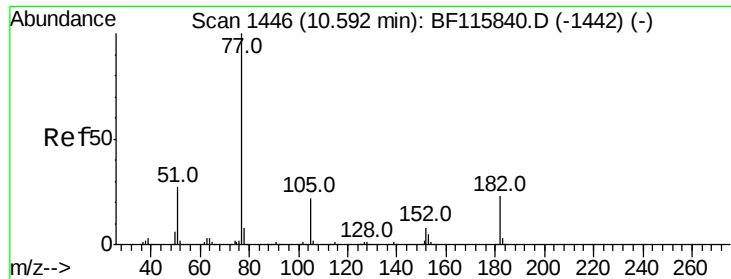
mohammad
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#62
4-Nitroaniline
Concen: 37.685 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	29.0	69.0
108	73.3	54.7	94.7





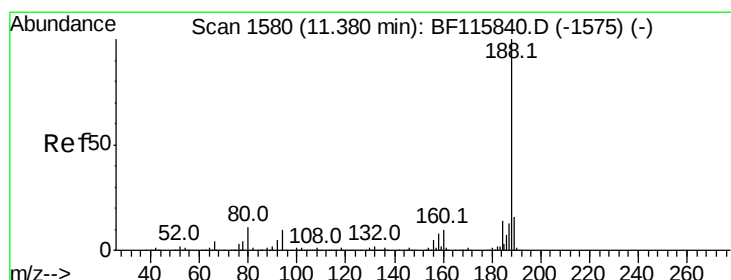
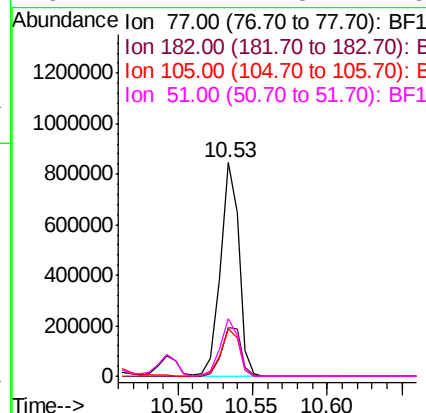
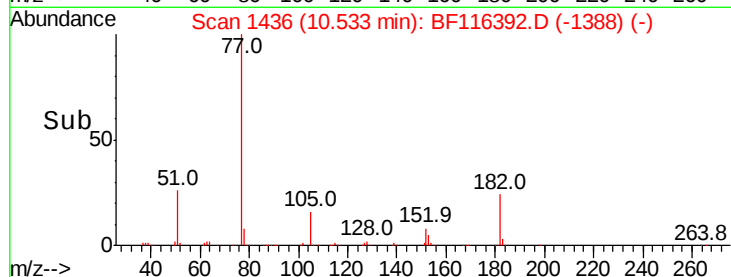
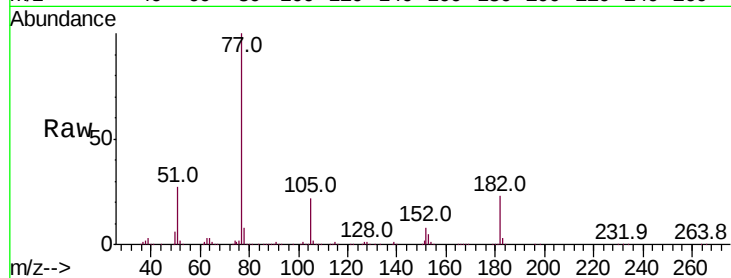
#63
Azobenzene
Concen: 44.395 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.0	4.0	44.0		
105	21.9	2.0	42.0		
51	27.1	7.5	47.5		

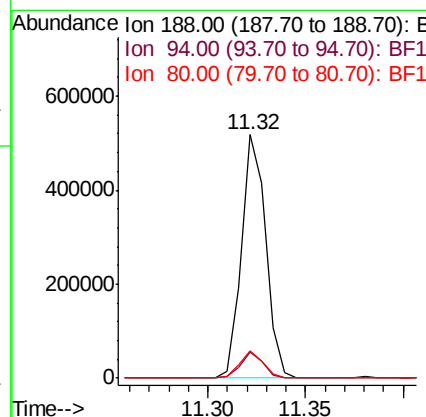
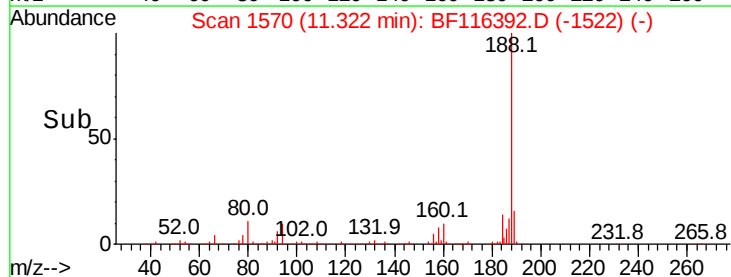
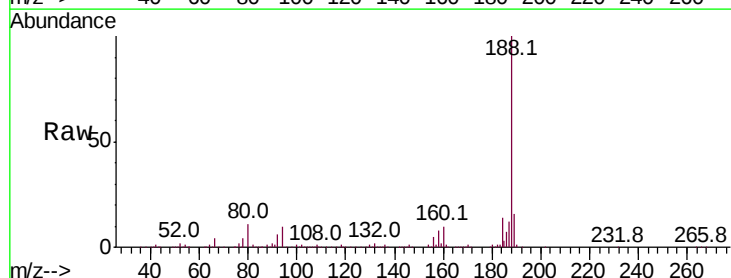
Manual Integrations
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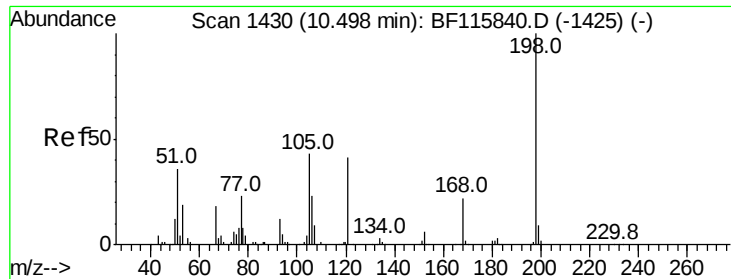
mohammad
8/22/2019 12:45:19 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.5	8.1	12.1		
80	11.4	8.7	13.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 41.758 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:198 Resp: 98619

Ion Ratio Lower Upper

198 100

51 48.2 17.0 57.0

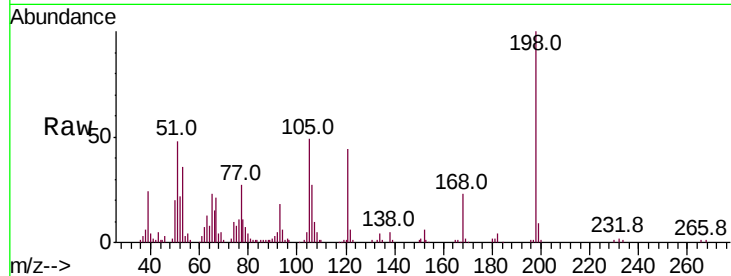
105 49.5 21.6 61.6

Manual Integrations

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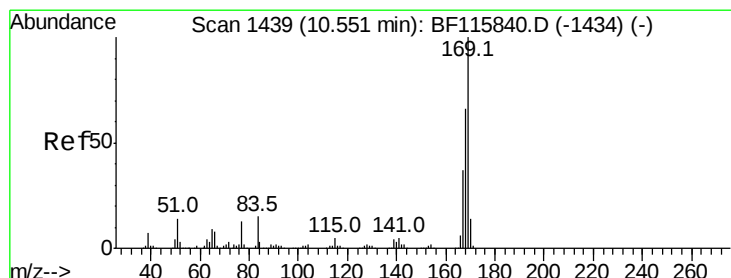
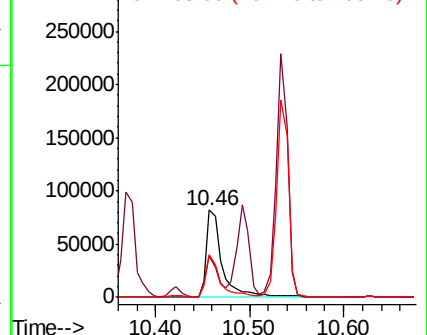
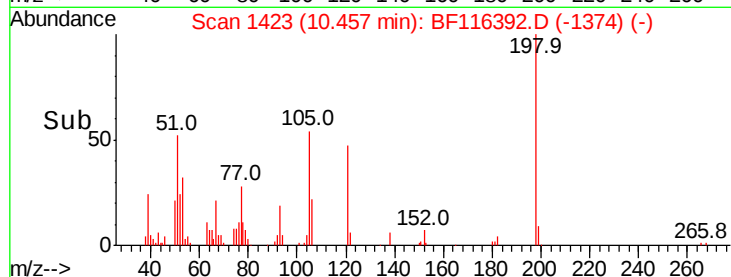
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.603 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

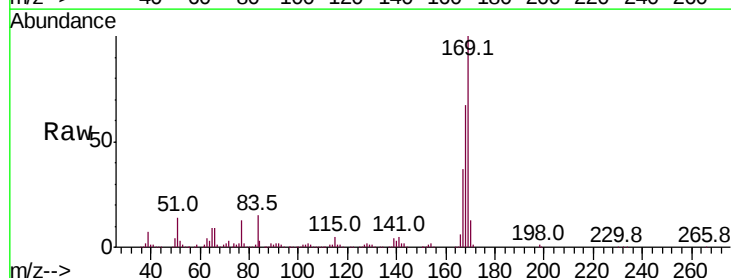
Tgt Ion:169 Resp: 584877

Ion Ratio Lower Upper

169 100

168 66.7 53.8 80.6

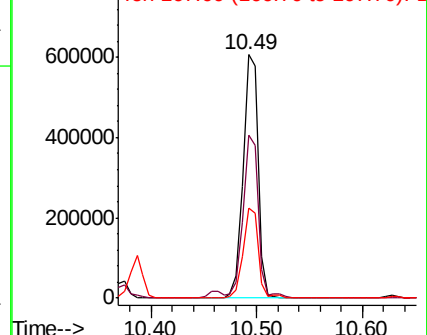
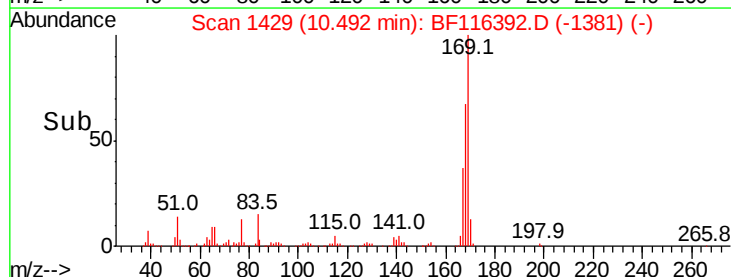
167 37.0 29.6 44.4

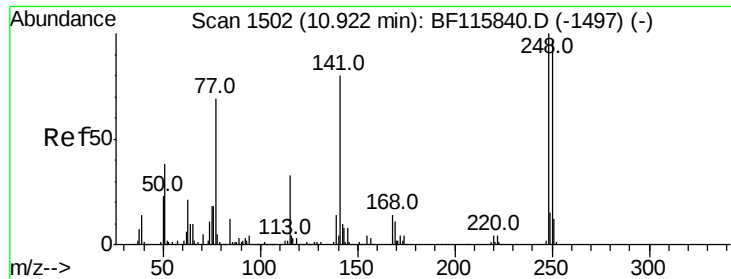


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





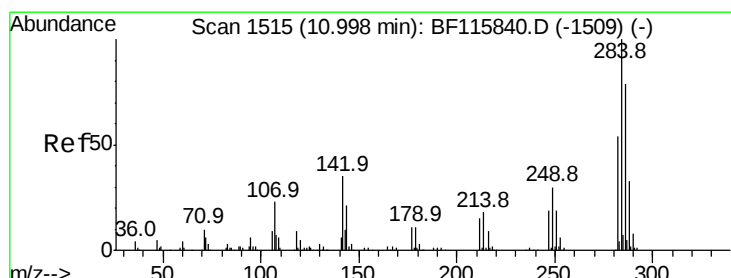
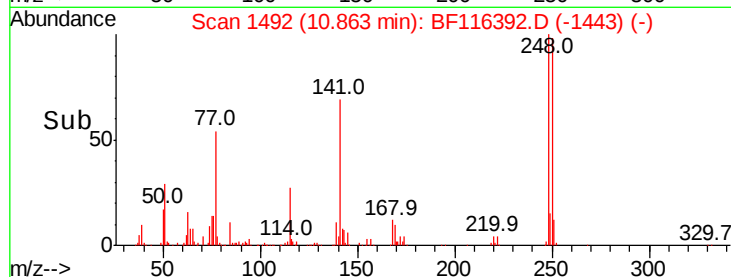
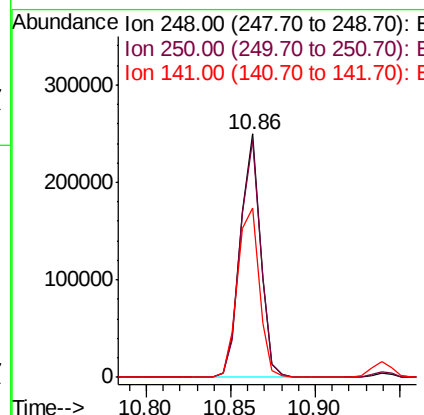
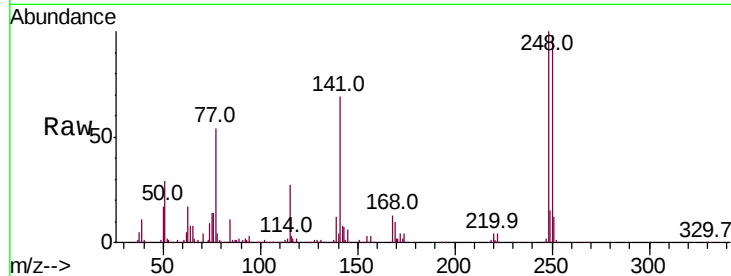
#67
4-Bromophenyl-phenylether
Concen: 43.198 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.4	116.2
141	69.4	56.8	85.2

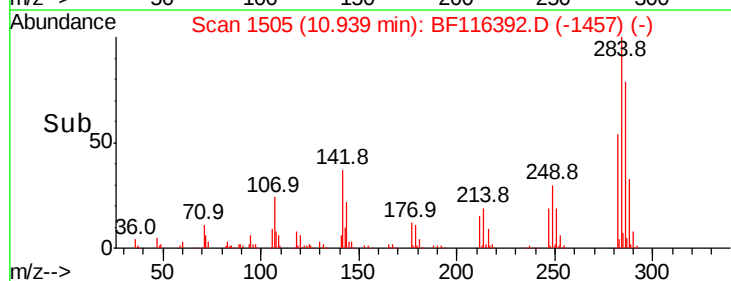
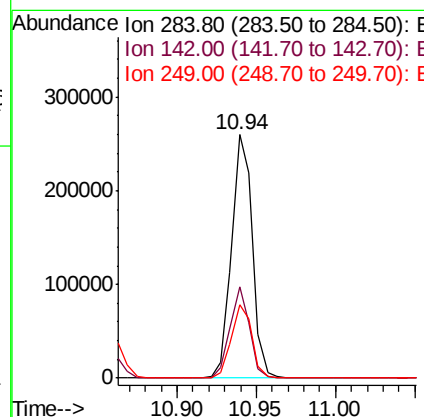
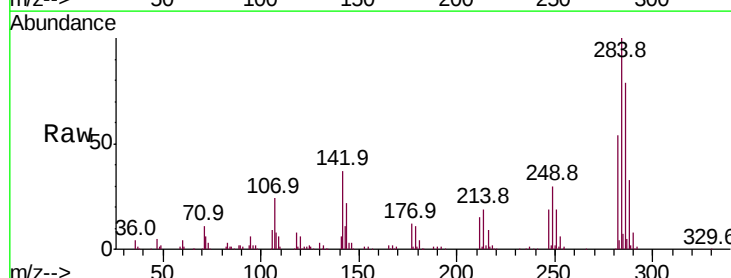
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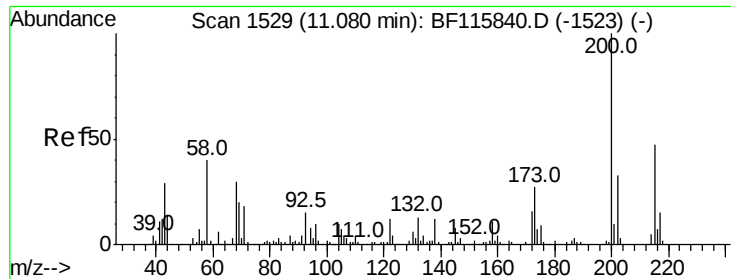
mohammad
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#68
Hexachlorobenzene
Concen: 42.683 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.4	28.4	42.6
249	30.0	24.5	36.7





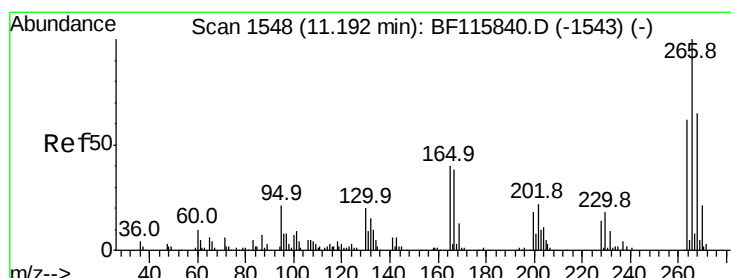
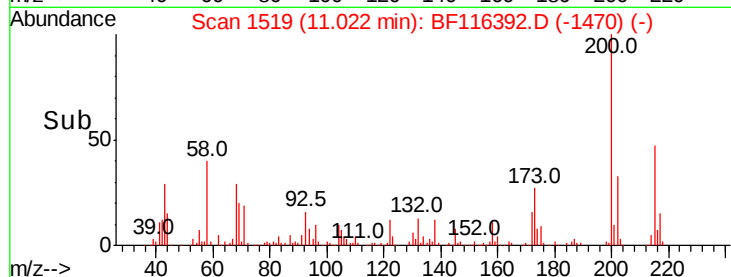
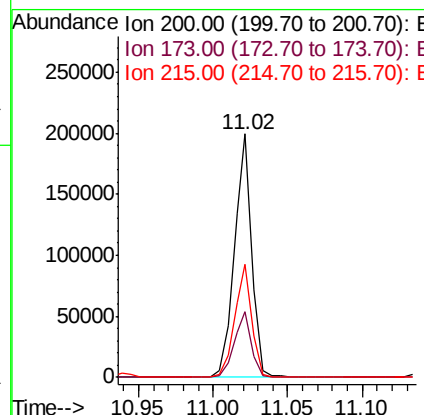
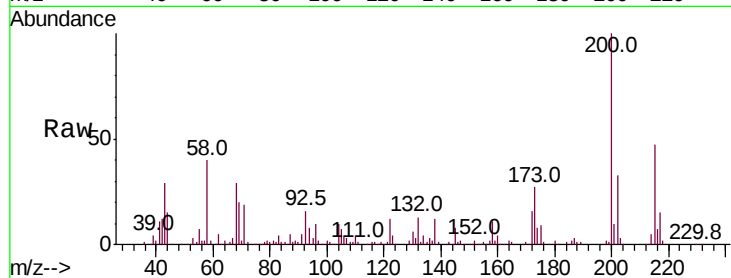
#69
Atrazine
Concen: 37.164 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.8	46.8
215	46.6	27.5	67.5

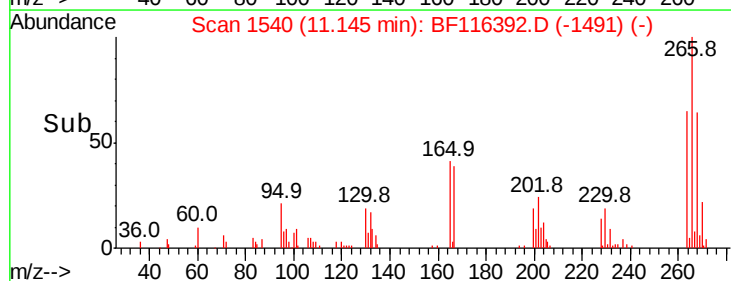
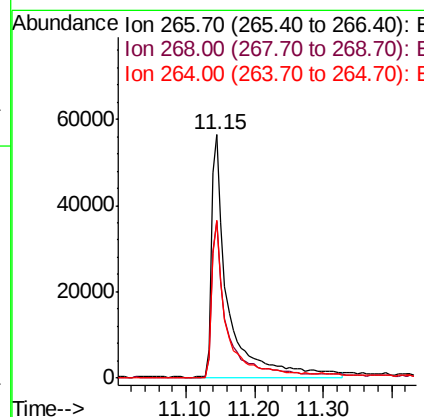
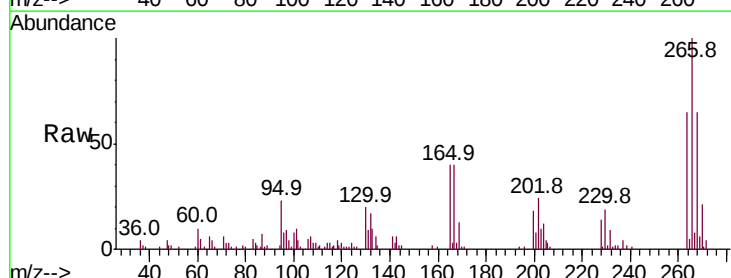
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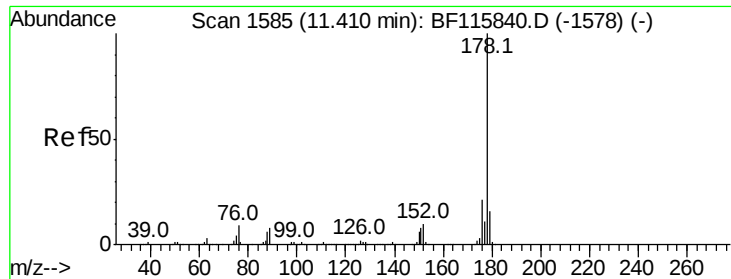
mohammad
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#70
Pentachlorophenol
Concen: 36.307 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	48.8	73.2
264	65.1	50.6	76.0





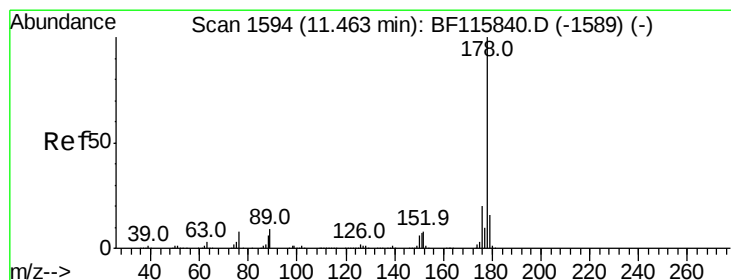
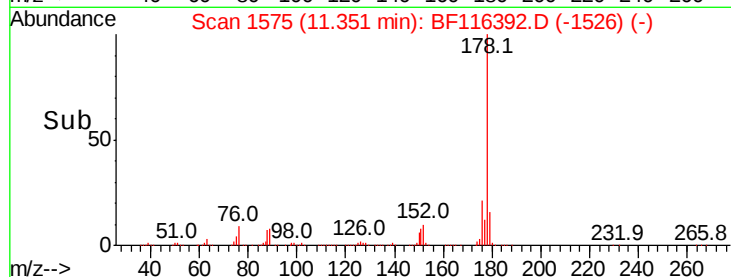
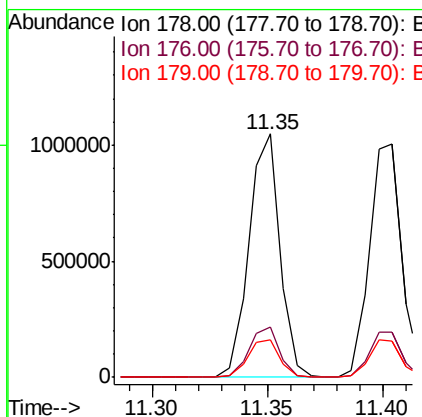
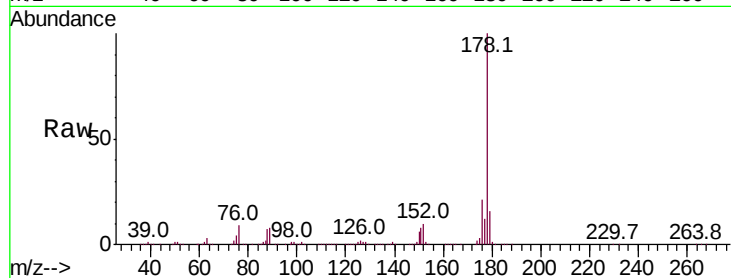
#71
Phenanthrene
Concen: 43.284 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	24.8
179	15.7	12.5	18.7

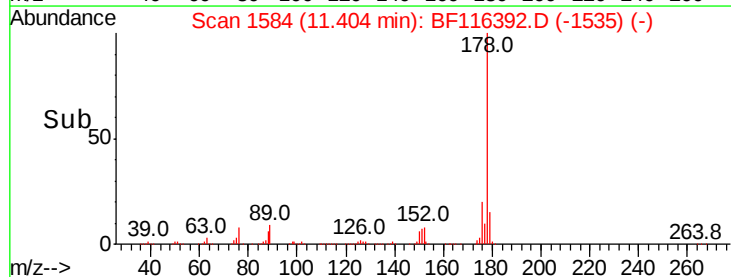
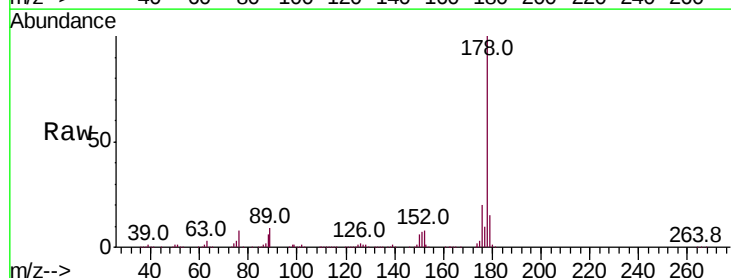
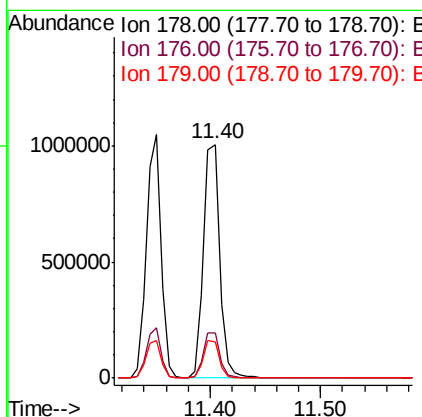
Manual Integrations
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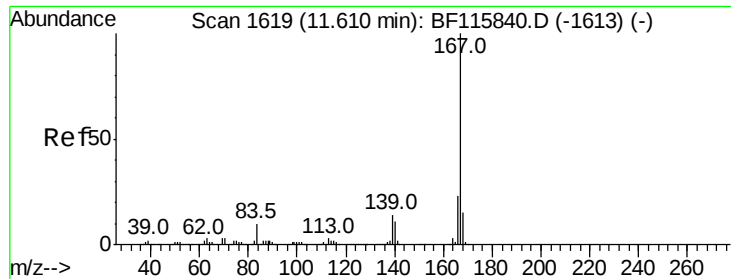
mohammad
8/22/2019 12:45:19 PM



#72
Anthracene
Concen: 43.171 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.4	13.0	19.6





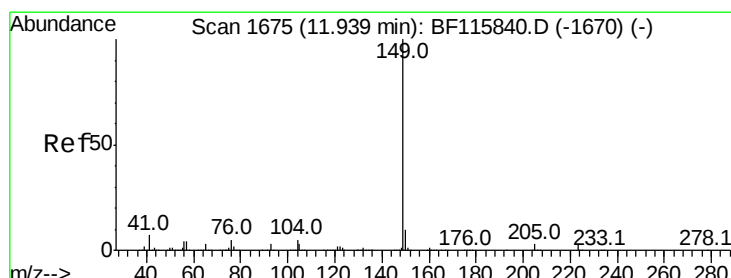
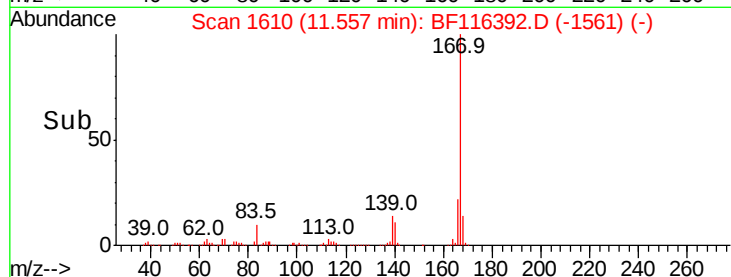
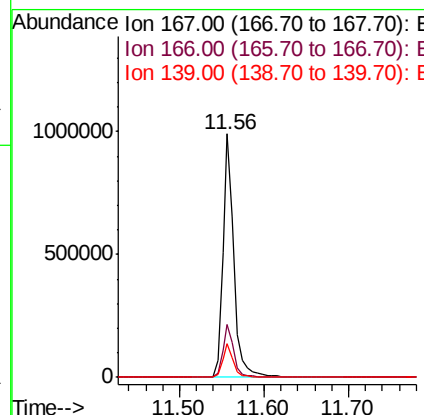
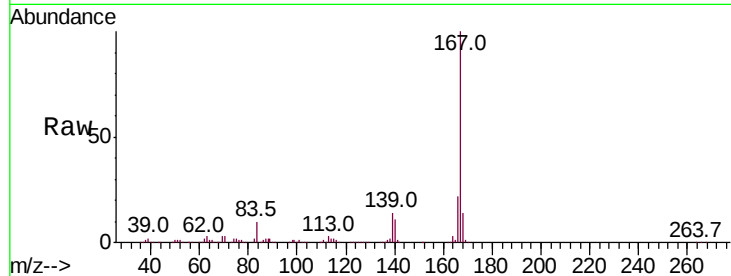
#73
 Carbazole
 Concen: 43.597 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
167	100	911992		
166	21.6		17.8	26.6
139	13.9		11.4	17.0

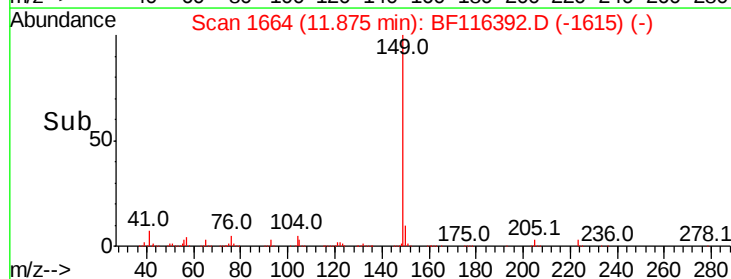
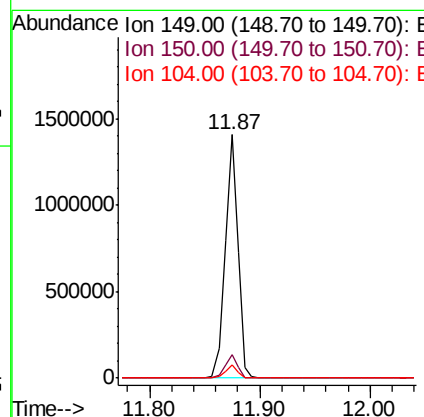
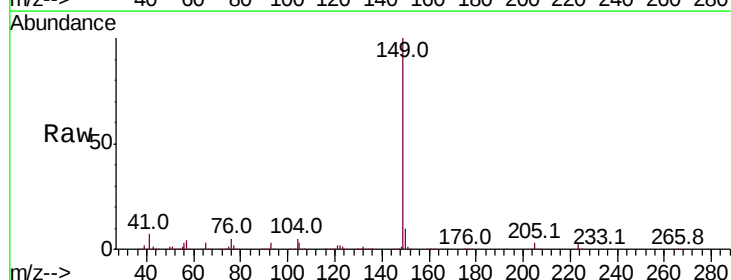
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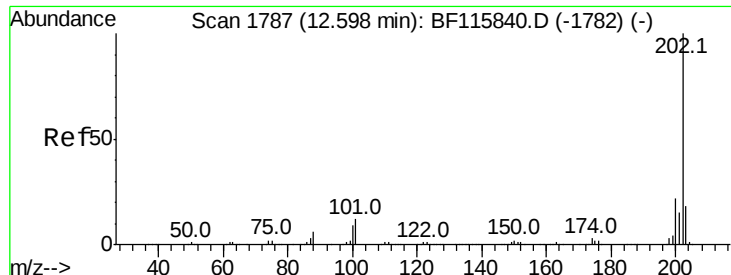
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.198 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1127343		
150	9.6		8.0	12.0
104	5.3		4.5	6.7





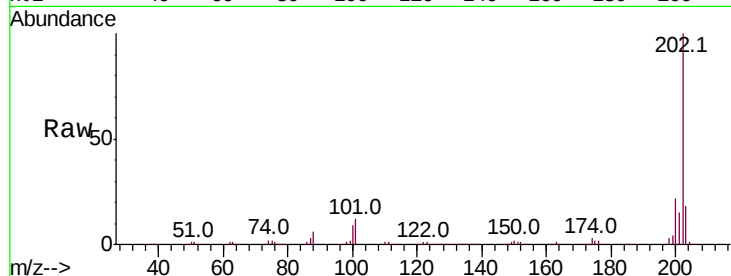
#75
Fluoranthene
 Concen: 43.437 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1036020		
101	12.3		0.0	31.2
203	17.9		0.0	37.8

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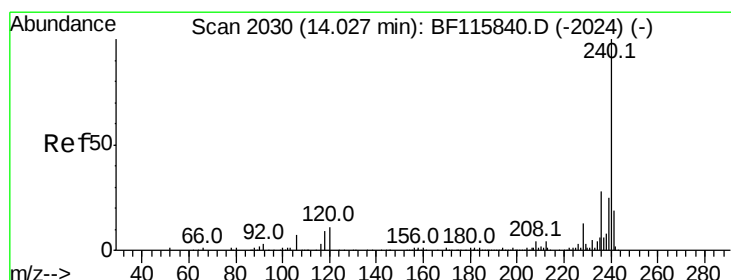
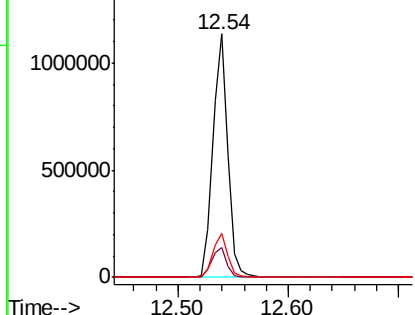
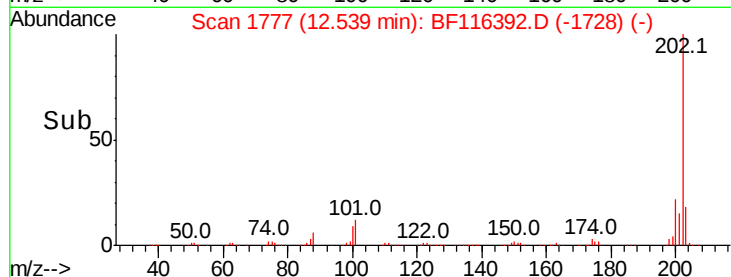


Abundance

Ion 202.00 (201.70 to 202.70): E

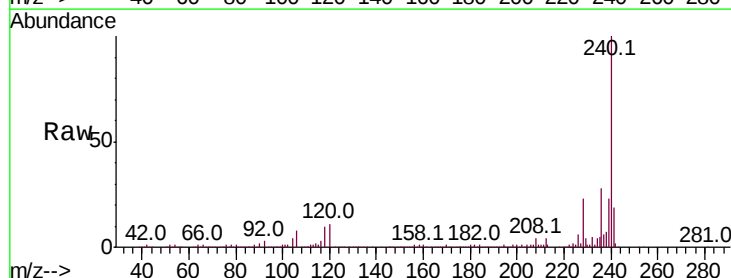
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	322869		
120	10.9		10.7	16.1
236	27.7		22.2	33.2

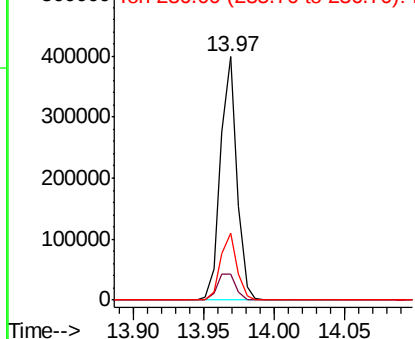
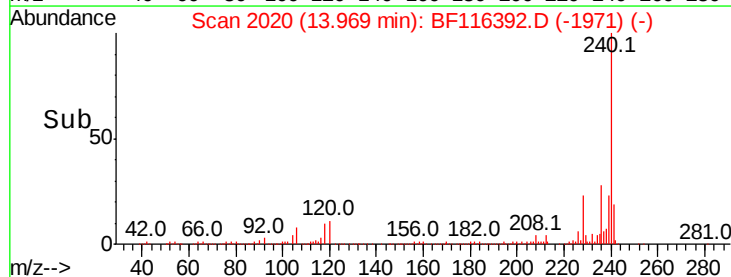


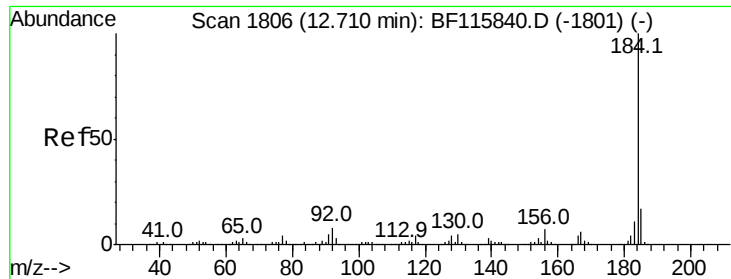
Abundance

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: 39.010 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 425518

Ion Ratio Lower Upper

184 100

185 15.3 12.8 19.2

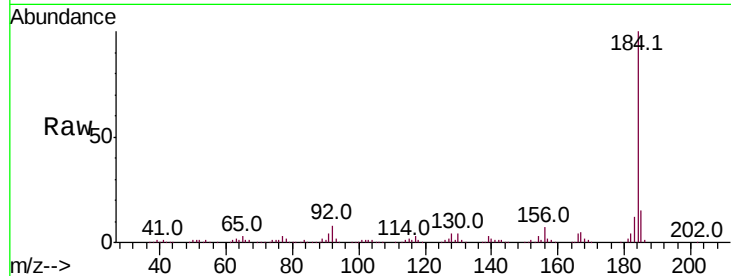
183 11.8 9.4 14.0

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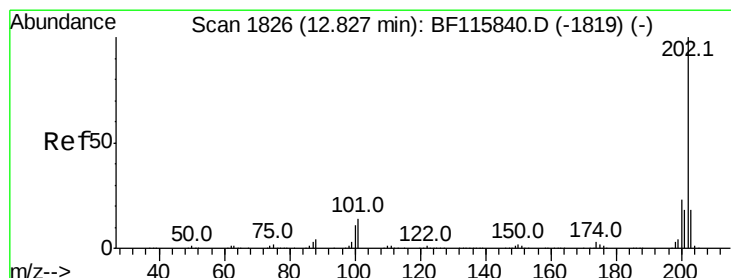
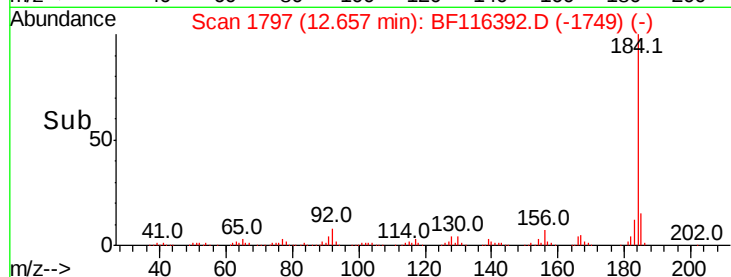
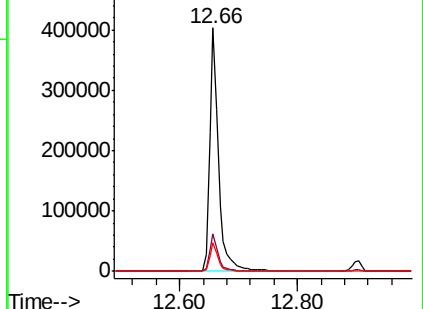
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.020 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

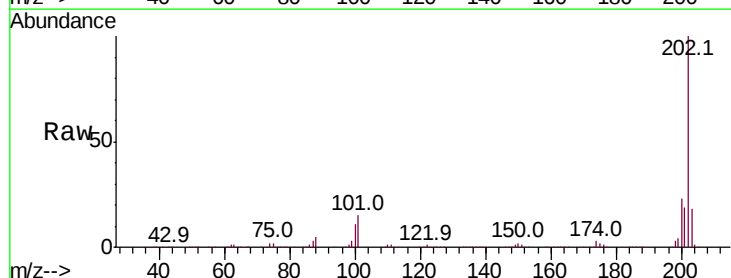
Tgt Ion:202 Resp: 1047040

Ion Ratio Lower Upper

202 100

200 23.1 18.0 27.0

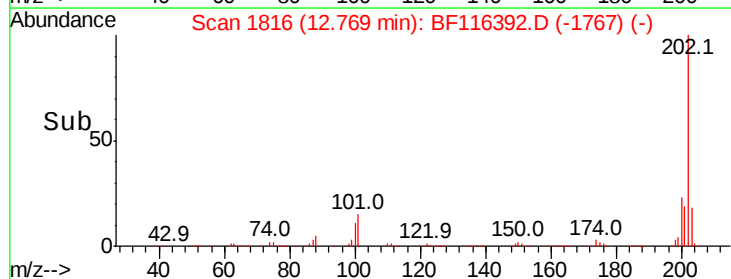
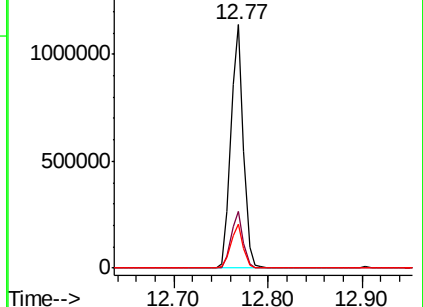
203 18.3 14.1 21.1

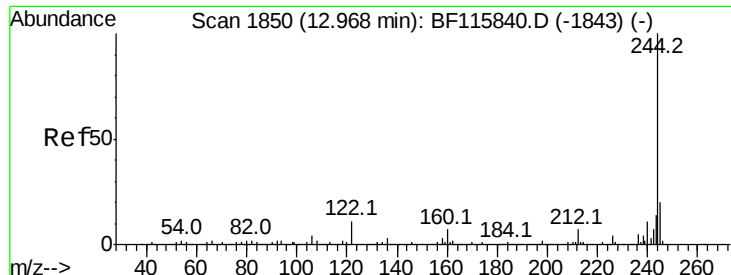


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.776 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1329617

Ion Ratio Lower Upper

244 100

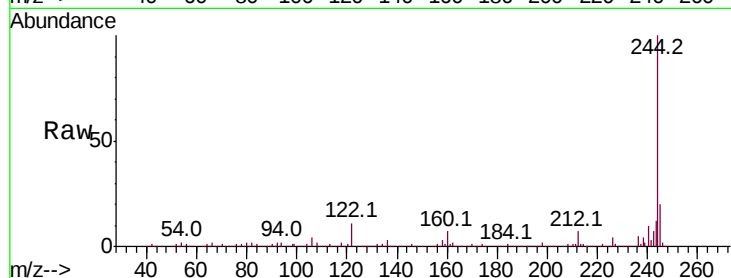
212 7.0 5.8 8.8

122 11.1 9.0 13.4

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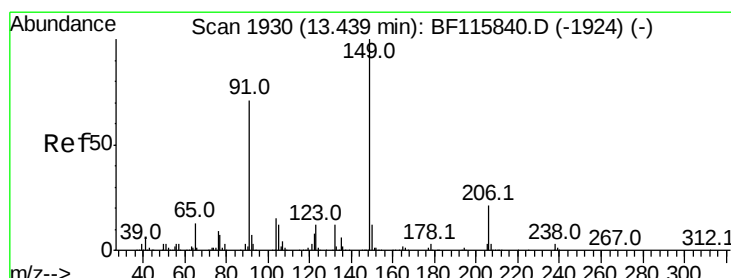
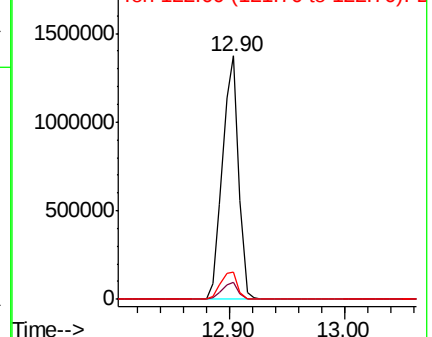
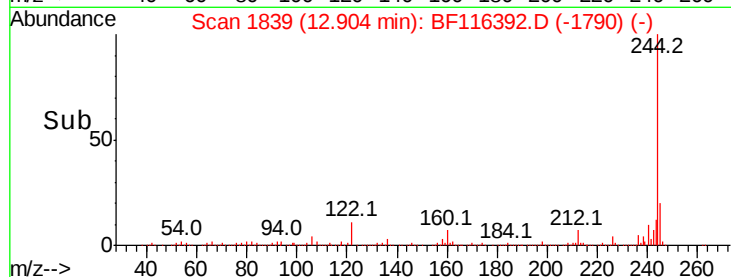
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.579 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

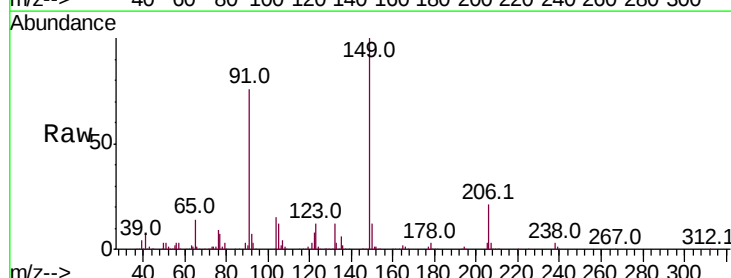
Tgt Ion:149 Resp: 469248

Ion Ratio Lower Upper

149 100

91 75.9 56.3 84.5

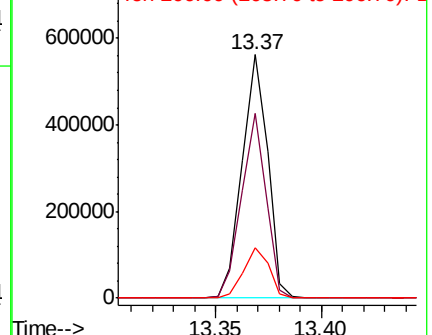
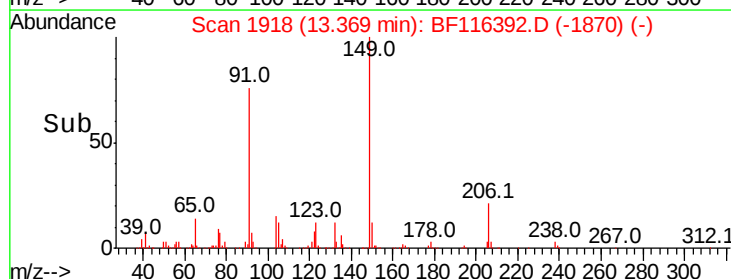
206 20.5 18.0 27.0

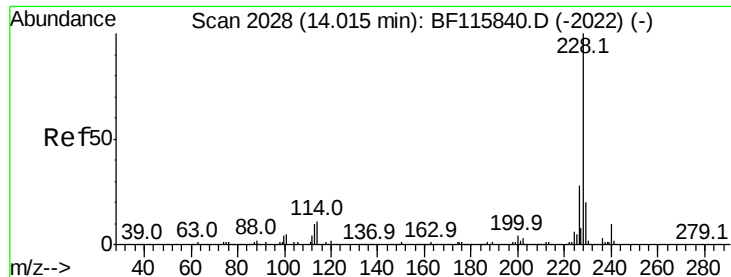


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.858 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

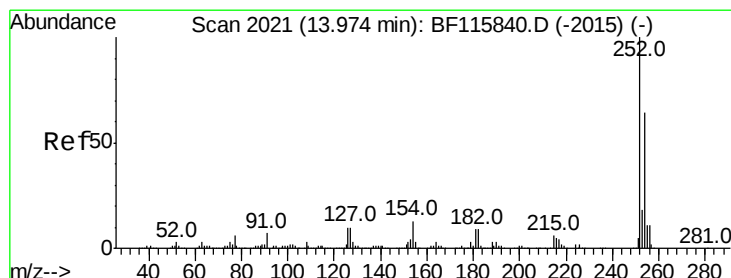
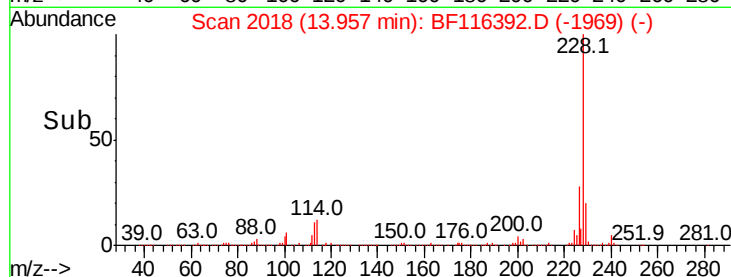
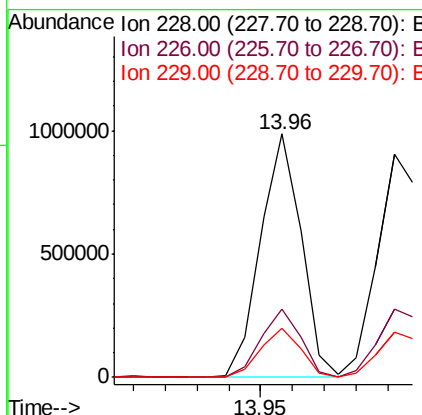
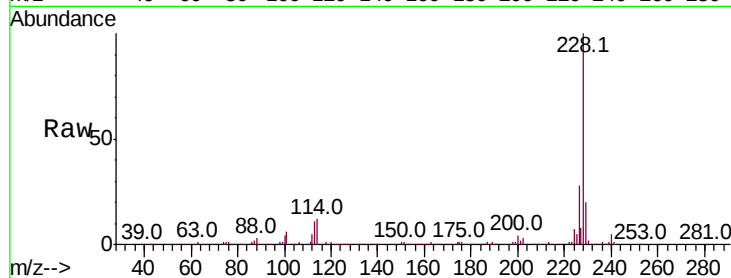
ClientSampled :

SSTDCCC040

Tot Ion:	228	Resp:	884455
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.7	34.1
229	20.4	16.2	24.4

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#82

3,3'-Dichlorobenzidine

Concen: 43.833 ng

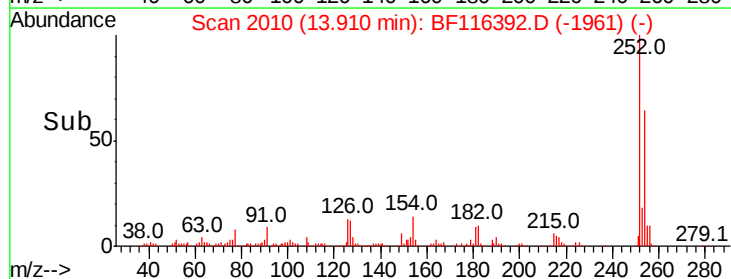
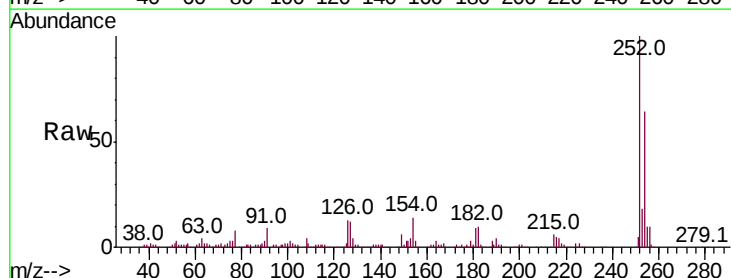
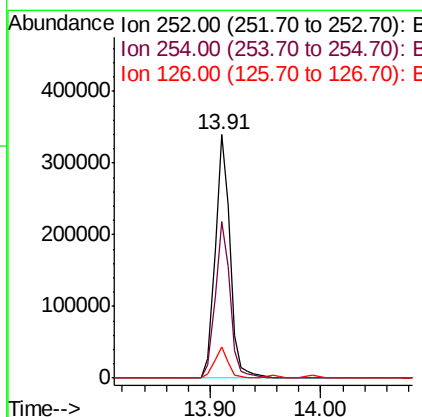
RT: 13.91 min Scan# 2010

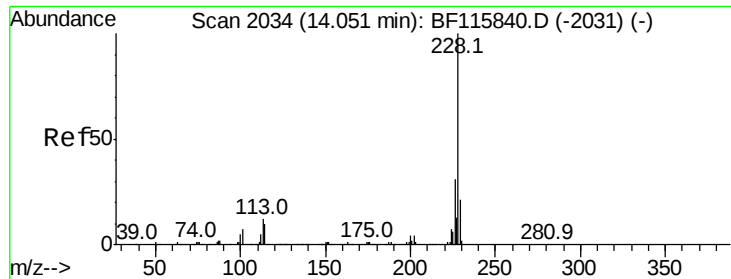
Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Tgt Ion:	252	Resp:	314263
Ion Ratio	Lower	Upper	
252	100		
254	64.3	50.9	76.3
126	12.8	9.8	14.8





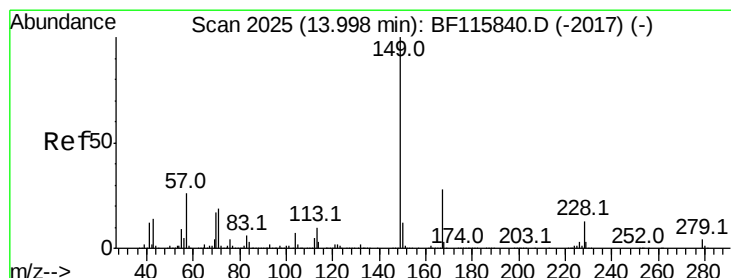
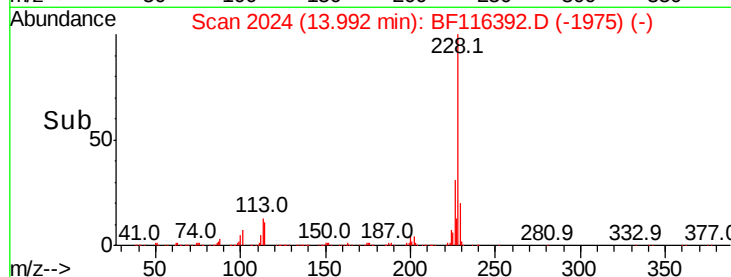
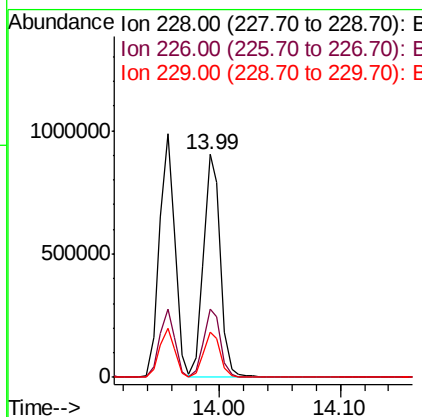
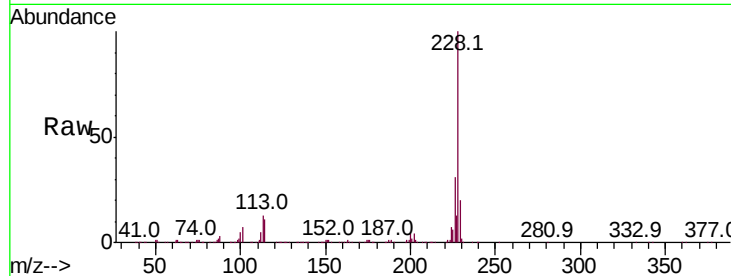
#83
 Chrvsene
 Concen: 43.495 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	20.3	16.6	24.8

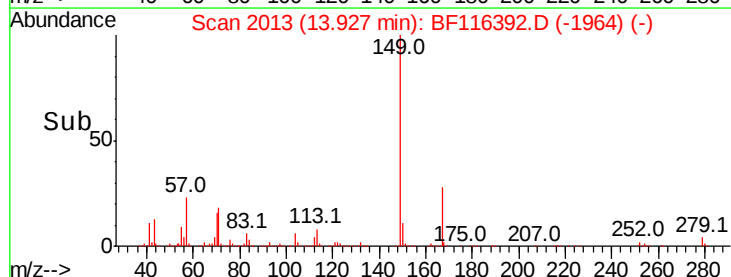
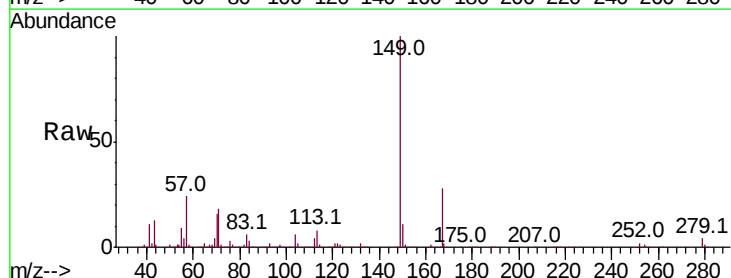
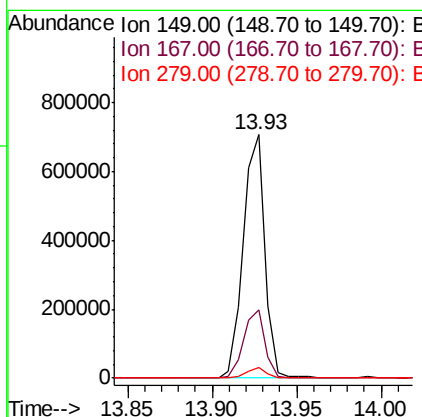
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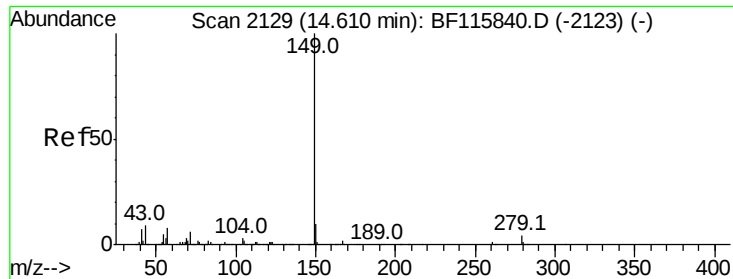
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.215 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF116392.D
 Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.6	32.4
279	4.4	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 45.814 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Instrument :

BNA_F

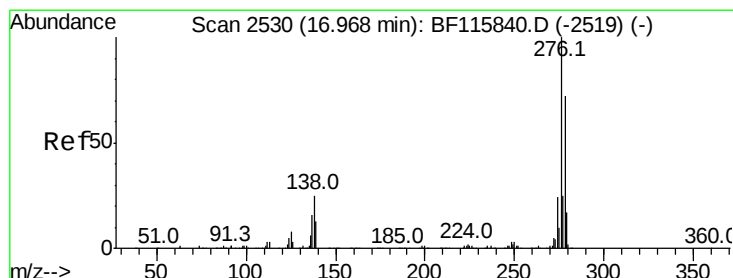
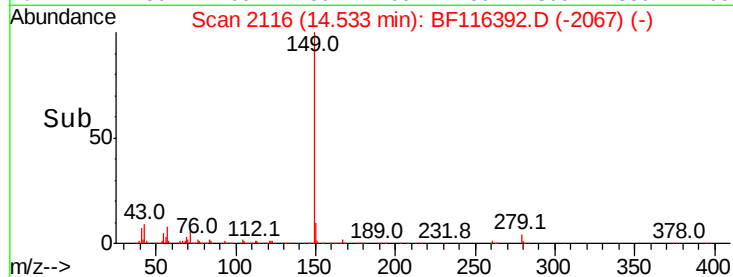
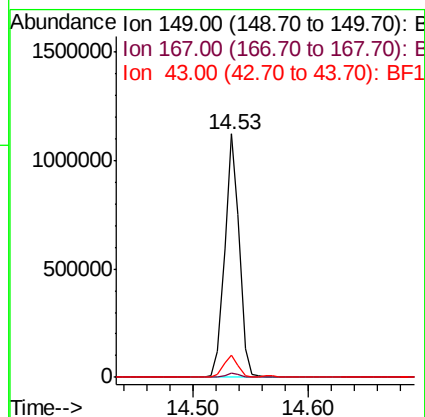
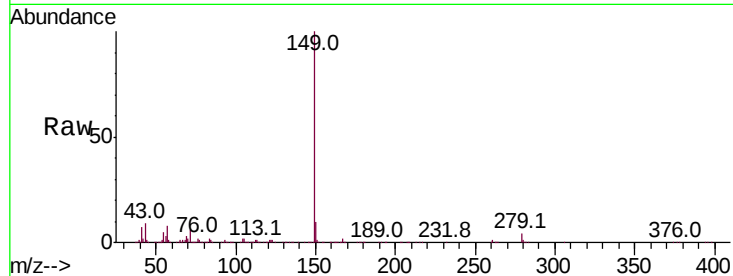
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	973541
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	9.3	7.5	11.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 39.379 ng

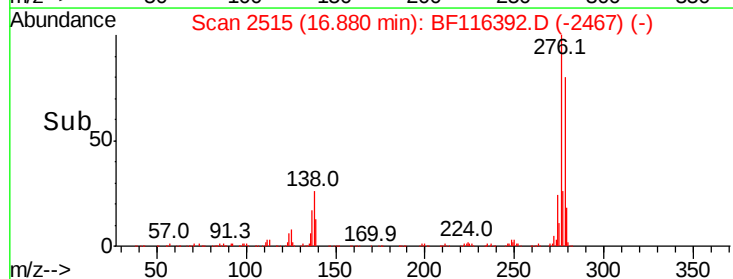
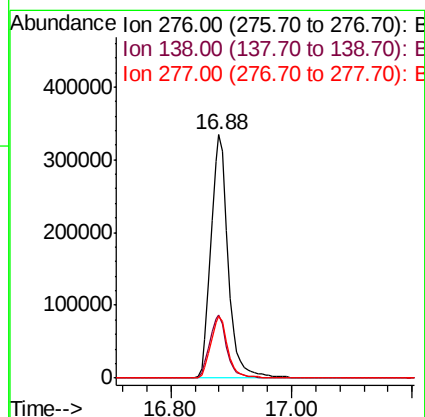
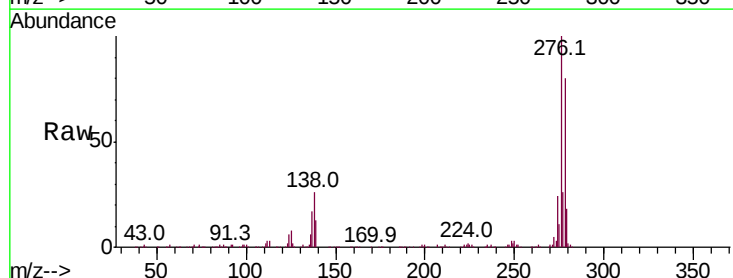
RT: 16.88 min Scan# 2515

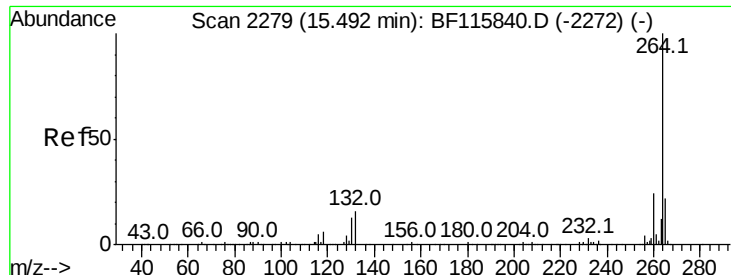
Delta R.T. -0.02 min

Lab File: BF116392.D

Acq: 19 Aug 2019 17:14

Tgt Ion:	276	Resp:	662645
Ion Ratio	Lower	Upper	
276	100		
138	26.0	20.4	30.6
277	25.1	20.0	30.0





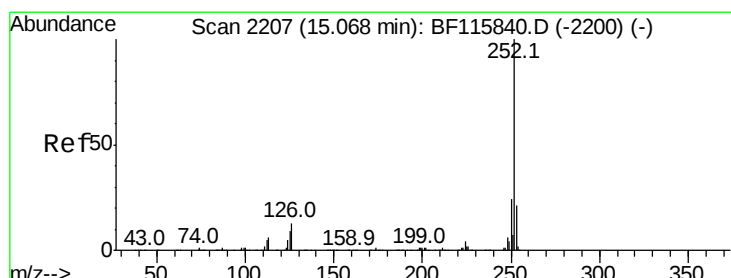
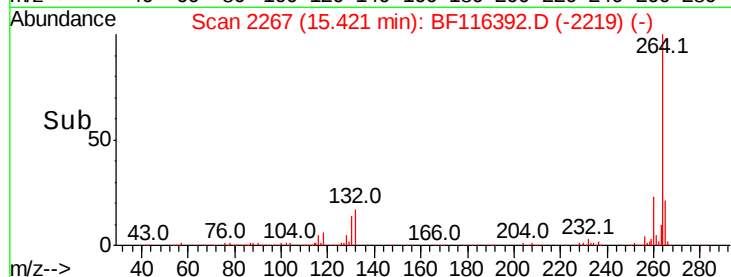
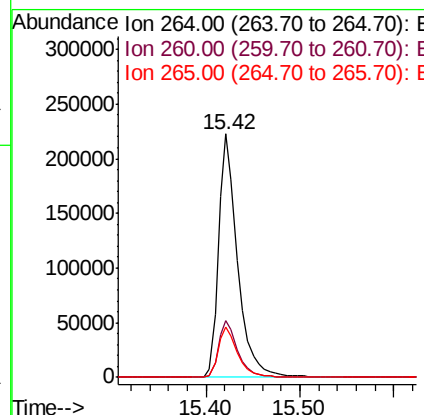
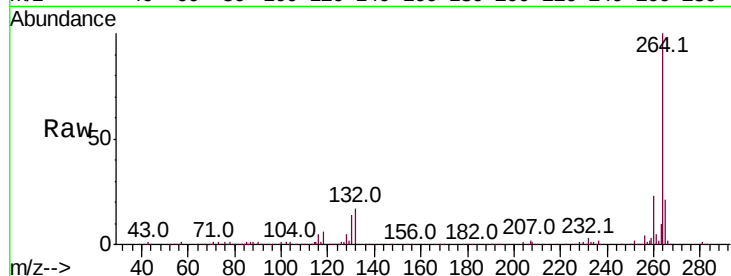
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.7	29.5
265	20.8	17.4	26.0

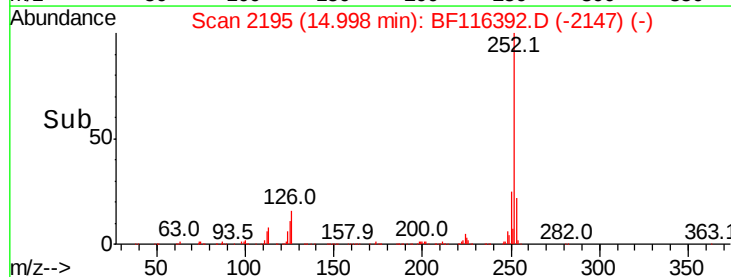
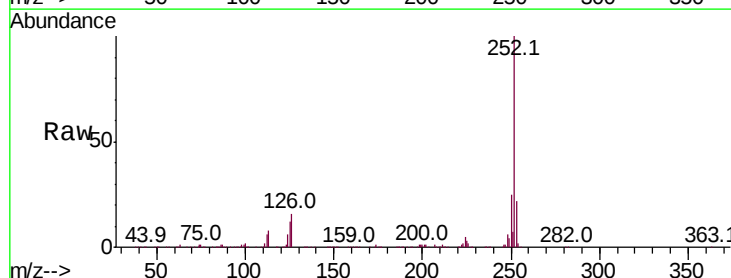
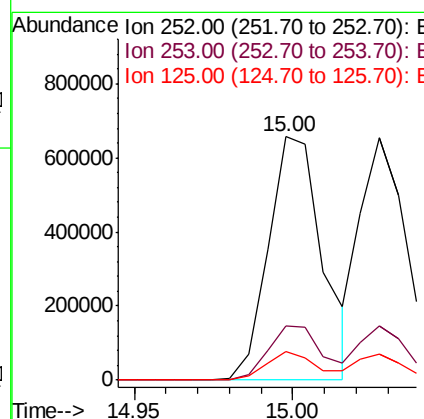
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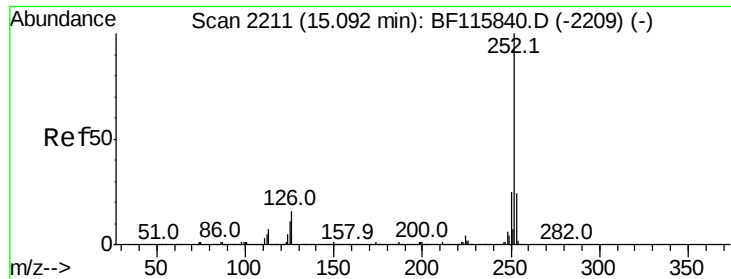
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#88
Benzo(b)fluoranthene
Concen: 42.729 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.5	8.4	12.6





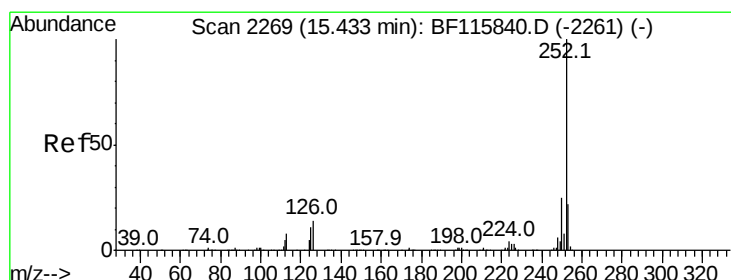
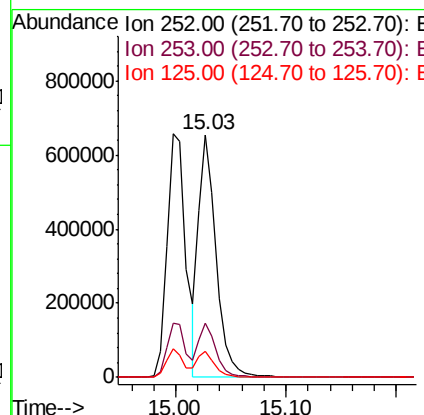
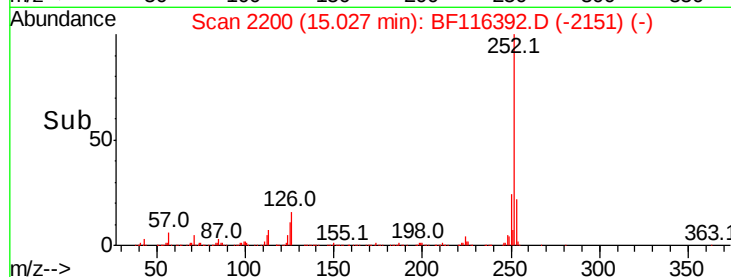
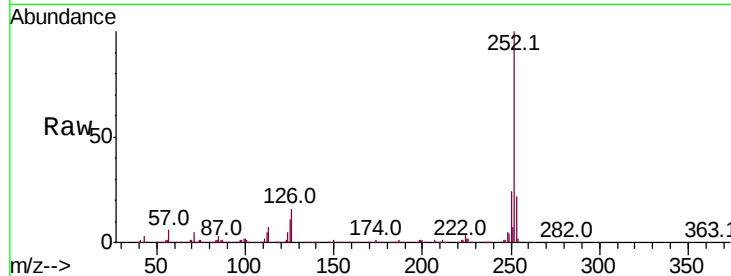
#89
Benzo(k)fluoranthene
Concen: 39.729 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.9	7.7	11.5

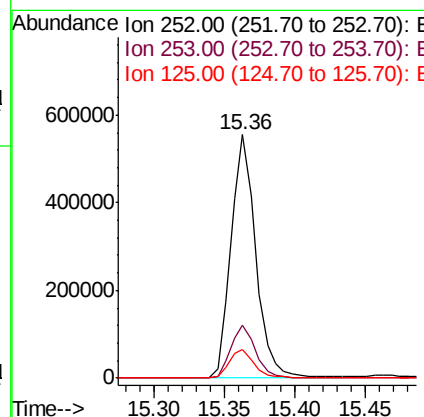
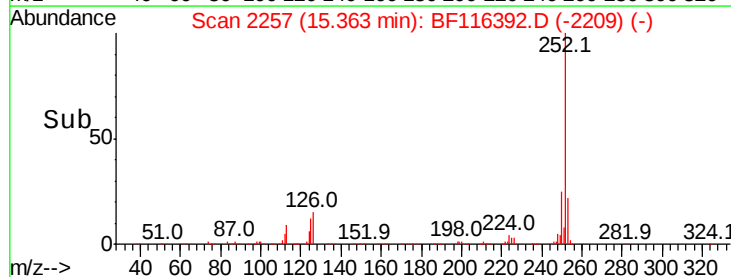
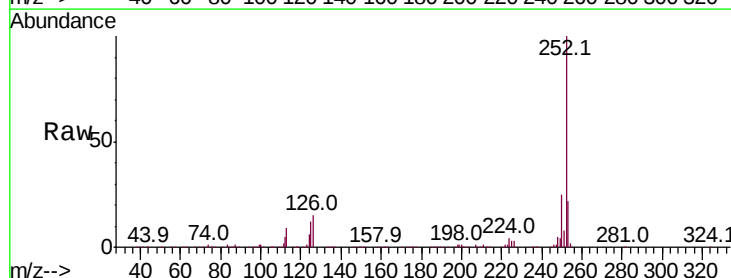
Manual Integrations
APPROVED

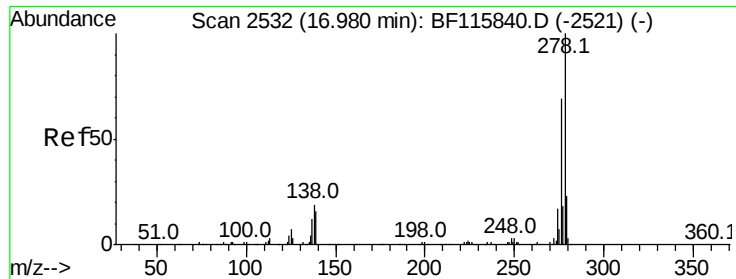
mohammad
8/22/2019 12:45:19 PM



#90
Benzo(a)pyrene
Concen: 41.642 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.6	8.9	13.3





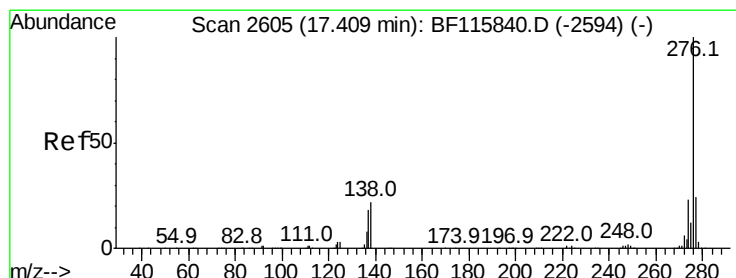
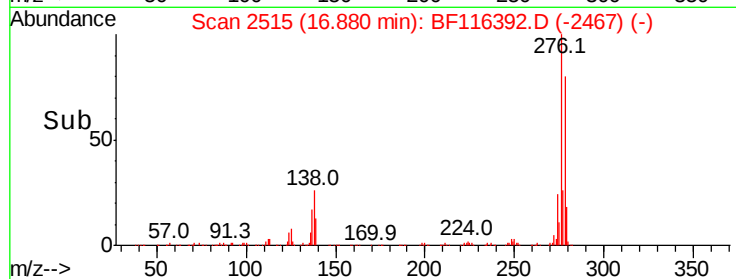
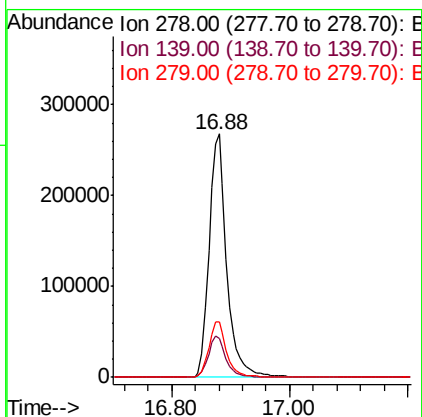
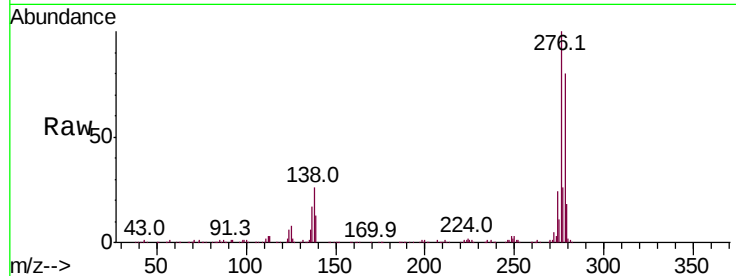
#91
Dibenzo(a,h)anthracene
Concen: 39.354 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.8	19.2
279	22.8	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/22/2019 12:45:19 PM



#92
Benzo(g,h,i)perylene
Concen: 37.926 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.02 min
Lab File: BF116392.D
Acq: 19 Aug 2019 17:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	23.1	17.0	25.6

