

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114630.D
 Acq On : 26 May 2019 4:33
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:50:51 AM

Quant Time: May 27 01:37:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149693	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	584930	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	269741	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	511338	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	361132	20.00	ng	-0.02
87) Perylene-d12	15.43	264	352385	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	768779	82.65	ng	-0.02
7) Phenol-d6	6.45	99	935342	85.02	ng	-0.01
23) Nitrobenzene-d5	7.37	82	879819	84.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	211035	75.68	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1523112	85.41	ng	-0.02
79) Terphenyl-d14	12.90	244	1464486	83.60	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	178631	34.937	ng	100
3) Pyridine	3.26	79	460706	32.704	ng	97
4) n-Nitrosodimethylamine	3.22	42	239327	35.230	ng	100
6) Aniline	6.47	93	652118	41.034	ng	# 77
8) 2-Chlorophenol	6.59	128	430745	43.377	ng	95
9) Benzaldehyde	6.36	77	269404	34.978	ng	100
10) Phenol	6.46	94	538198	41.585	ng	# 73
11) bis(2-Chloroethyl)ether	6.53	93	409403	41.667	ng	99
12) 1,3-Dichlorobenzene	6.75	146	475533	42.661	ng	97
13) 1,4-Dichlorobenzene	6.82	146	483294	43.026	ng	99
14) 1,2-Dichlorobenzene	6.97	146	443836	43.250	ng	99
15) Benzyl Alcohol	6.95	79	335832	39.138	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	750842	39.412	ng	60
17) 2-Methylphenol	7.07	107	336098	41.202	ng	# 91
18) Hexachloroethane	7.31	117	176285	41.811	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	285393	40.926	ng	99
20) 3+4-Methylphenols	7.22	107	429328	45.553	ng	# 87
22) Acetophenone	7.22	105	564158	43.537	ng	# 91
24) Nitrobenzene	7.39	77	450433	42.431	ng	99
25) Isophorone	7.63	82	779809	40.342	ng	99
26) 2-Nitrophenol	7.70	139	223919	43.476	ng	93
27) 2,4-Dimethylphenol	7.75	122	325781	40.274	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	519202	41.396	ng	99
29) 2,4-Dichlorophenol	7.96	162	347085	43.091	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	386110	42.155	ng	97
31) Naphthalene	8.10	128	1193962	43.698	ng	98
32) Benzoic acid	7.90	122	168662m	31.986	ng	
33) 4-Chloroaniline	8.16	127	533273	42.830	ng	97
34) Hexachlorobutadiene	8.22	225	222655	42.723	ng	98
35) Caprolactam	8.53	113	112742	42.925	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	358757	44.248	ng	95
37) 2-Methylnaphthalene	8.80	142	774527	43.936	ng	98
38) 1-Methylnaphthalene	8.90	142	727466	43.820	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	357177	43.713	ng	100

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 SSTDC0040EC

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	120412	34.246	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	221149	39.348	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	214785	37.264	nq	94
46) 1,1'-Biphenyl	9.26	154	952377	43.704	nq	97
47) 2-Chloronaphthalene	9.29	162	751561	42.854	nq	99
48) 2-Nitroaniline	9.39	65	262622	42.225	nq	96
49) Acenaphthylene	9.70	152	1134414	42.530	nq	98
50) Dimethylphthalate	9.56	163	817835	41.302	nq	99
51) 2,6-Dinitrotoluene	9.63	165	182051	41.451	nq	86
52) Acenaphthene	9.87	154	673814	41.167	nq	99
53) 3-Nitroaniline	9.80	138	223302	40.958	nq	98
54) 2,4-Dinitrophenol	9.93	184	71726	36.485	nq	97
55) Dibenzofuran	10.05	168	962666	40.109	nq	99
56) 4-Nitrophenol	9.99	139	111779	28.992	nq	94
57) 2,4-Dinitrotoluene	10.05	165	226006	37.913	nq	# 78
58) Fluorene	10.39	166	795421	42.906	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	187839	37.770	nq	99
60) Diethylphthalate	10.26	149	808613	40.190	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	387545	42.562	nq	98
62) 4-Nitroaniline	10.42	138	216077	37.717	nq	96
63) Azobenzene	10.54	77	771719	39.627	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	103200	42.002	nq	99
66) n-Nitrosodiphenylamine	10.50	169	682815	43.998	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	241209	42.843	nq	97
68) Hexachlorobenzene	10.94	284	260765	41.867	nq	94
69) Atrazine	11.02	200	198068	41.012	nq	97
70) Pentachlorophenol	11.14	266	87071	29.491	nq	98
71) Phenanthrene	11.35	178	1113574	44.763	nq	98
72) Anthracene	11.40	178	1119749	44.813	nq	99
73) Carbazole	11.56	167	1077910	45.238	nq	98
74) Di-n-butylphthalate	11.88	149	1220285	44.453	nq	99
75) Fluoranthene	12.54	202	1196160	44.650	nq	99
77) Benzidine	12.66	184	537777	33.174	nq	97
78) Pyrene	12.77	202	1211809	41.713	nq	99
80) Butylbenzylphthalate	13.37	149	530973	43.423	nq	98
81) Benzo(a)anthracene	13.96	228	1046641	44.809	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	401633	44.325	nq	100
83) Chrysene	14.00	228	1001603	43.743	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	709966	44.393	nq	99
85) Di-n-octyl phthalate	14.54	149	1138618	43.920	nq	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	943624	46.631	nq	99
88) Benzo(b)fluoranthene	15.00	252	971654	43.040	nq	99
89) Benzo(k)fluoranthene	15.03	252	870051	41.954	nq	98
90) Benzo(a)pyrene	15.37	252	850328	42.798	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	779612	47.221	nq	97
92) Benzo(g,h,i)perylene	17.33	276	792898	47.923	nq	99

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

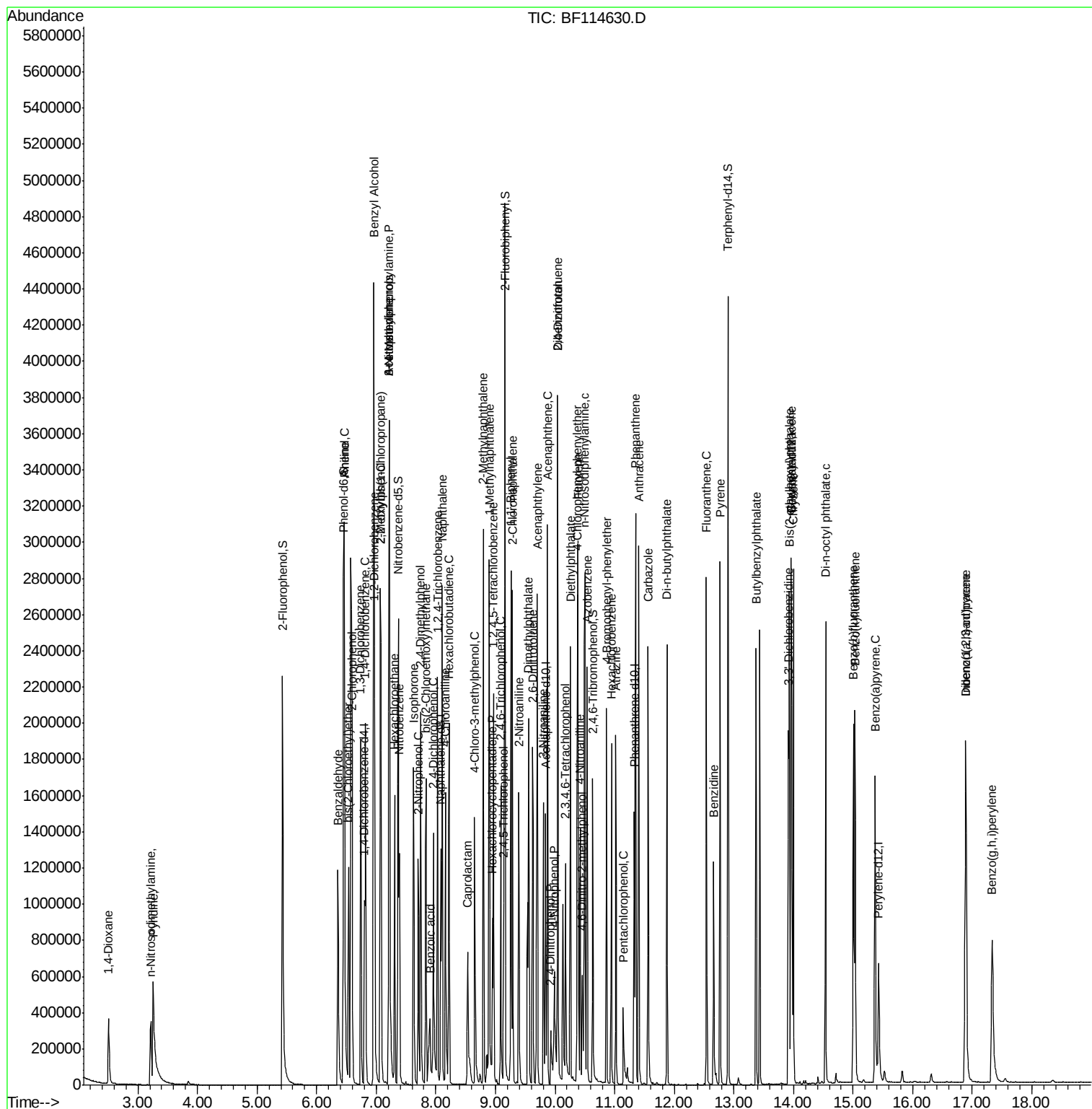
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
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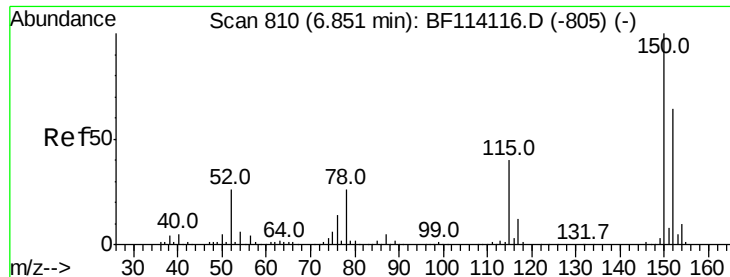
Instrument :
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ClientSampleId :
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#1

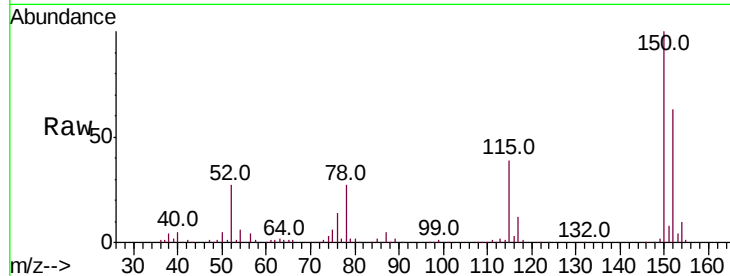
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.3	186.5
115	61.6	49.1	73.7

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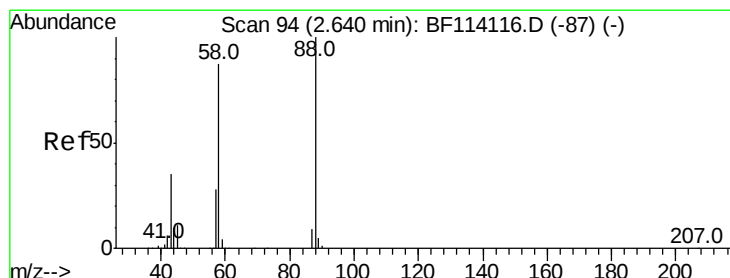
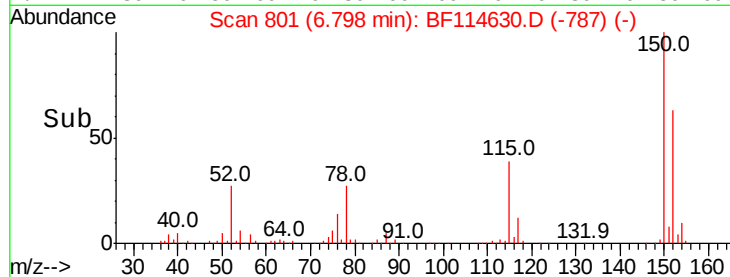
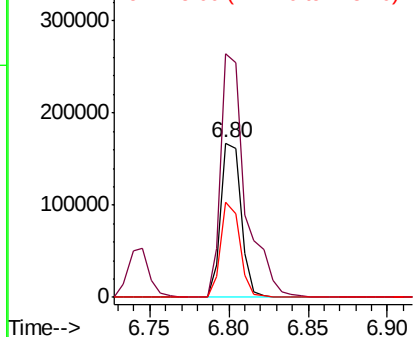


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

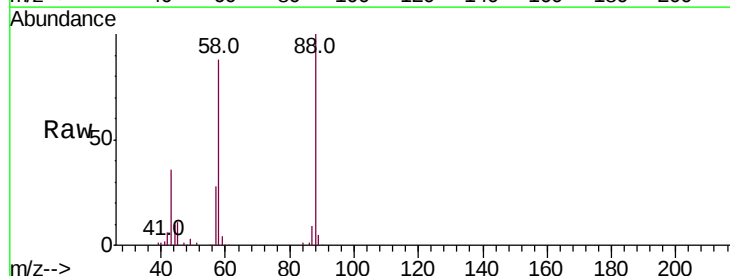
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.937 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.05 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	68.7	103.1
43	35.6	28.2	42.2

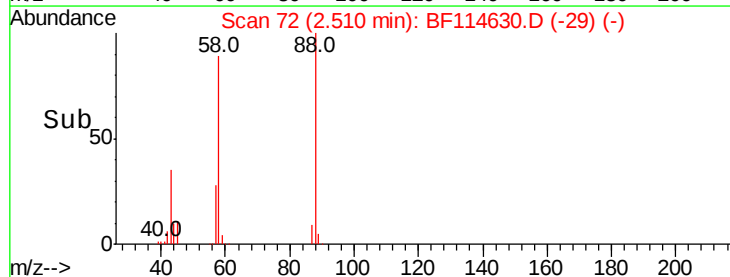
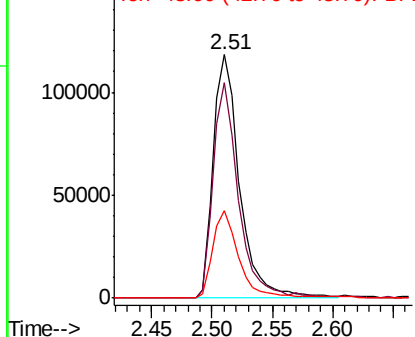


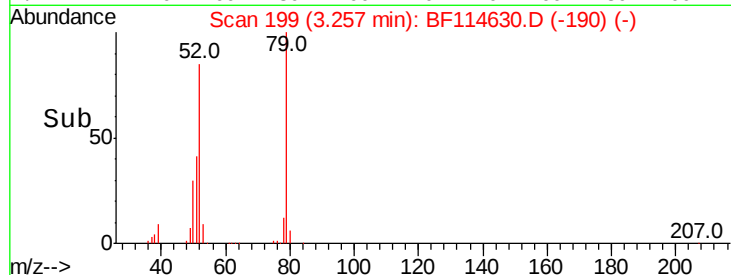
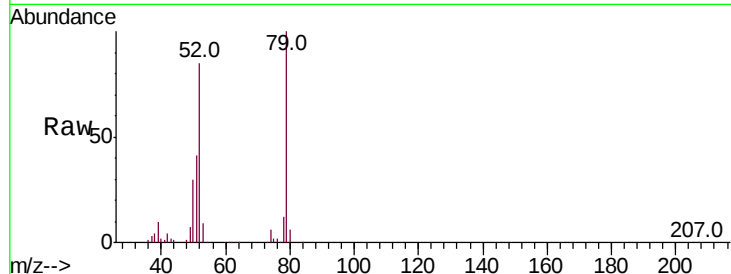
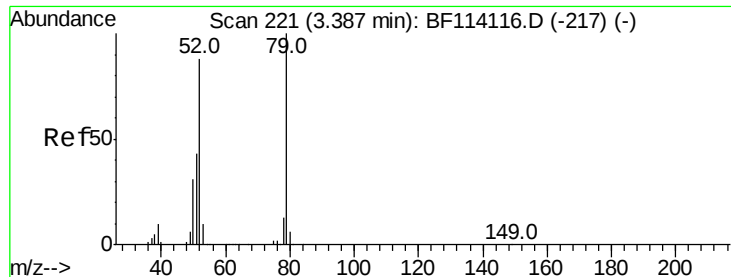
Abundance

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: 32.704 ng

RT: 3.26 min Scan# 199

Delta R.T. -0.05 min

Lab File: BF114630.D

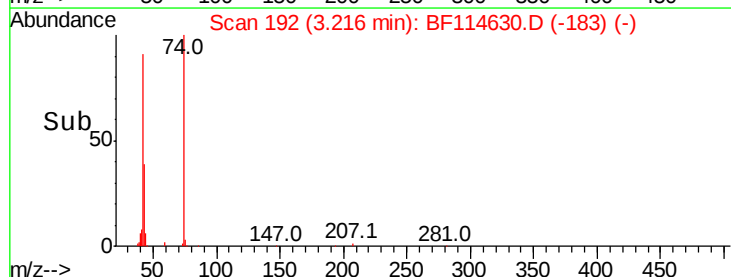
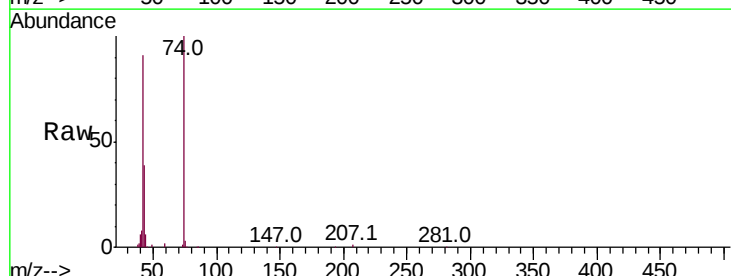
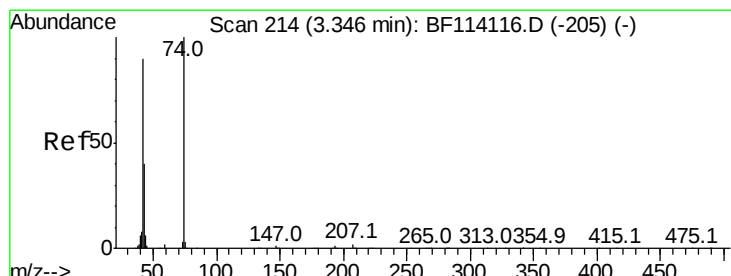
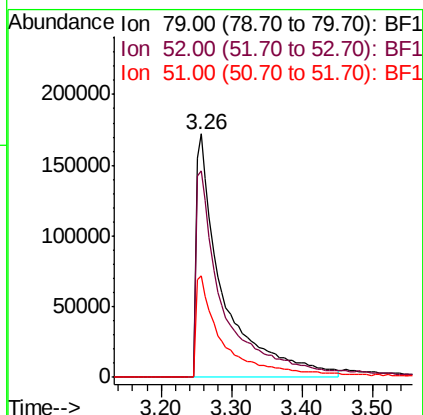
Acq: 26 May 2019 4:33

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.7	70.6	105.8
51	41.5	34.2	51.2

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SSTDCCC040EC

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#4

n-Nitrosodimethylamine

Concen: 35.230 ng

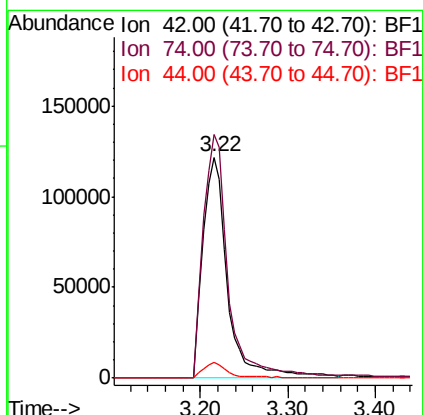
RT: 3.22 min Scan# 192

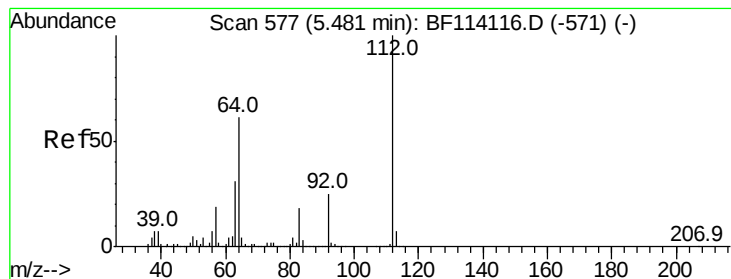
Delta R.T. -0.05 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.3	88.6	132.8
44	7.1	5.5	8.3





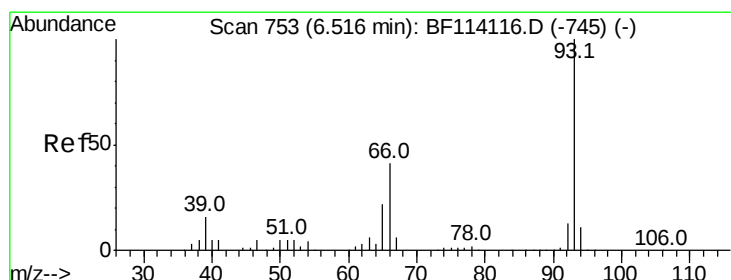
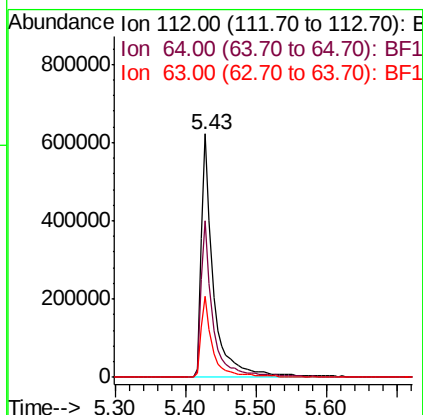
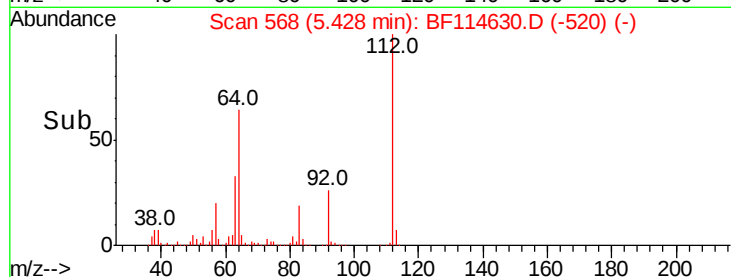
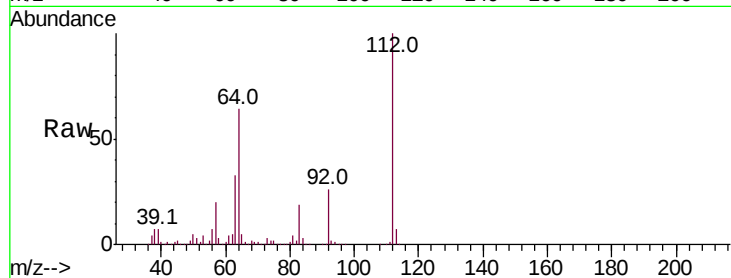
#5
2-Fluorophenol
Concen: 82.647 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	768779		
64	64.1	49.0	73.6	
63	33.1	24.6	37.0	

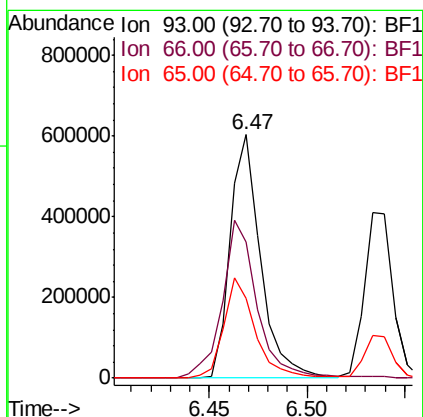
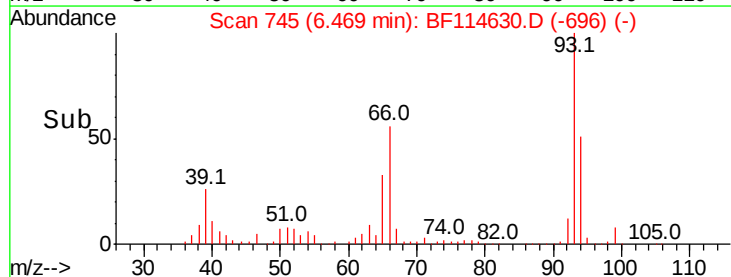
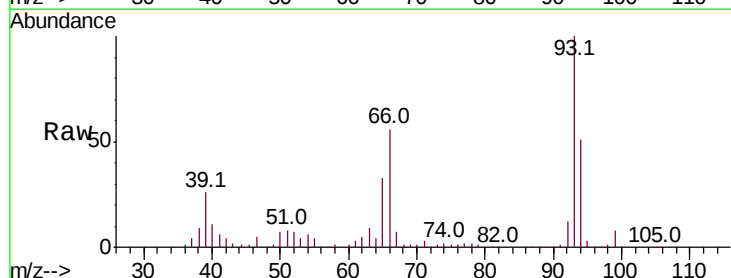
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#6
Aniline
Concen: 41.034 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	652118		
66	55.7	33.2	49.8#	
65	32.8	17.6	26.4#	





#7

Phenol-d6

Concen: 85.018 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

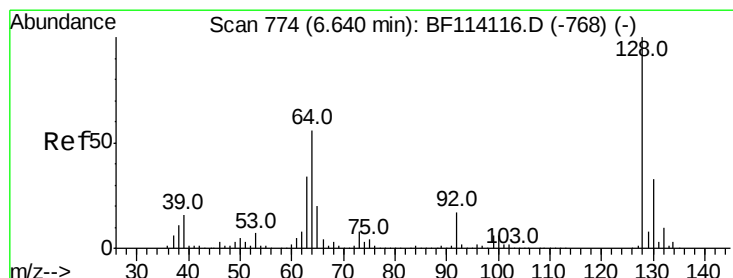
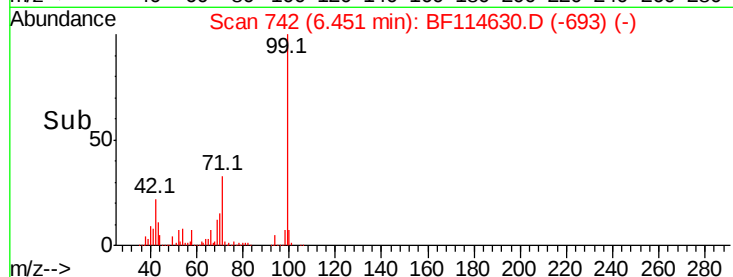
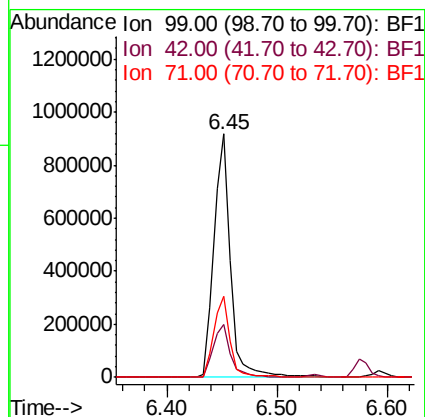
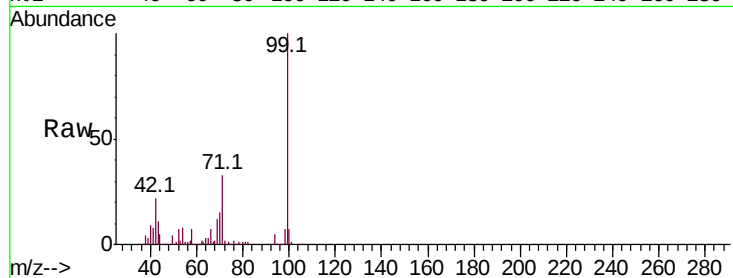
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	935342
Ion Ratio	Lower	Upper	
99	100		
42	21.7	17.9	26.9
71	33.1	26.2	39.2

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#8

2-Chlorophenol

Concen: 43.377 ng

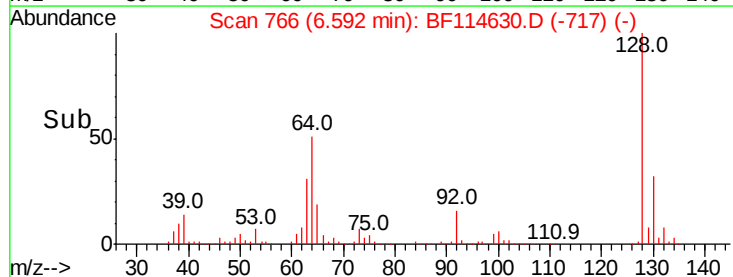
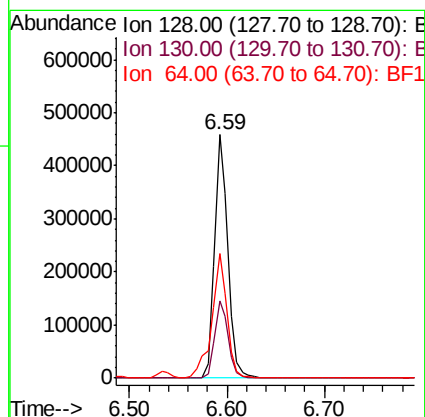
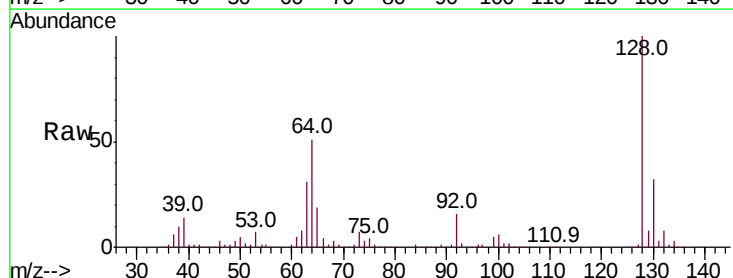
RT: 6.59 min Scan# 766

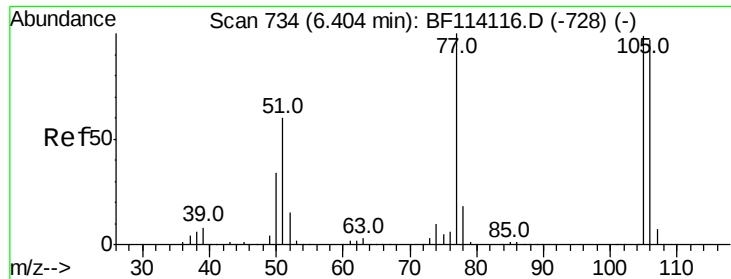
Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion:	128	Resp:	430745
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.6	52.6
64	51.0	35.9	75.9





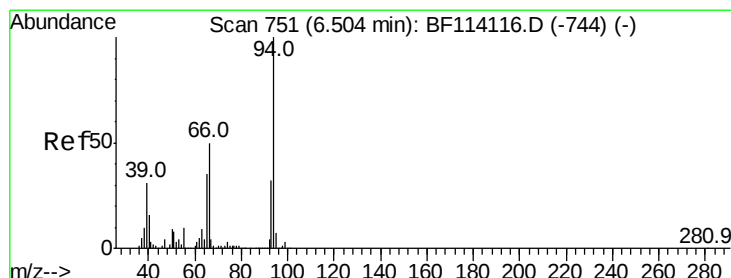
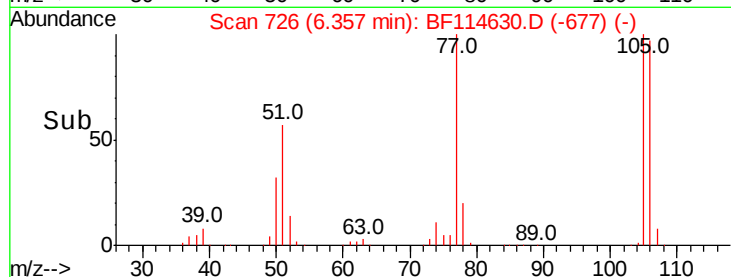
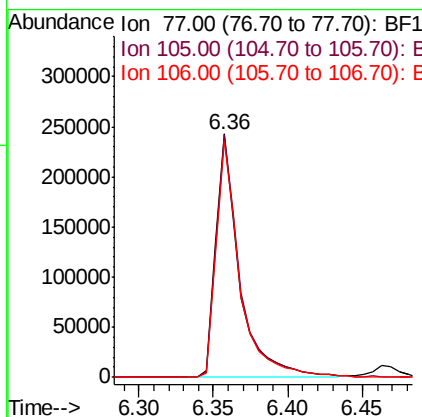
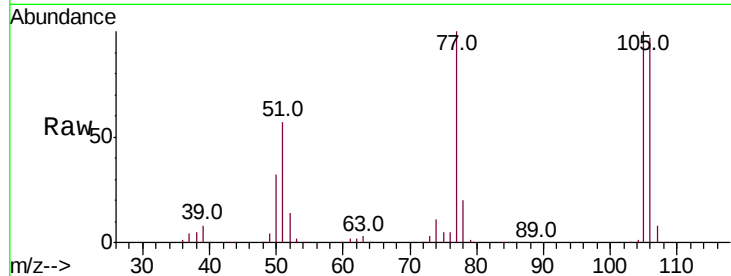
#9
Benzaldehyde
Concen: 34.978 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF114630.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	99.5	79.3	119.3
106	97.0	77.0	117.0

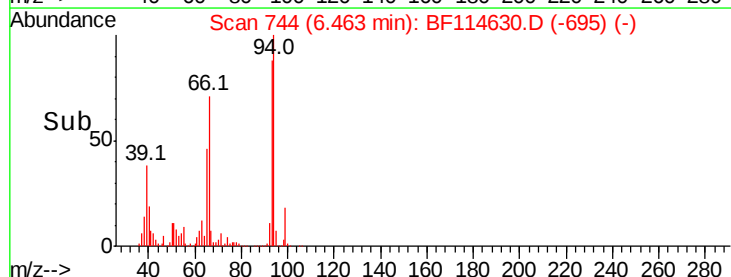
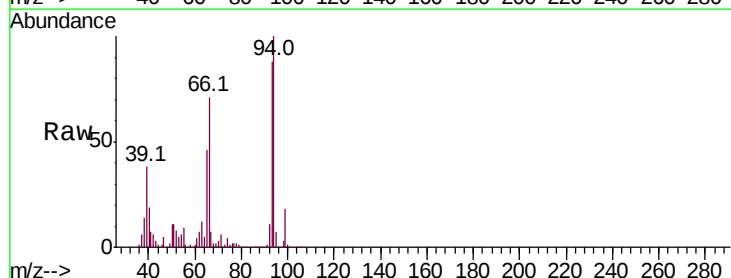
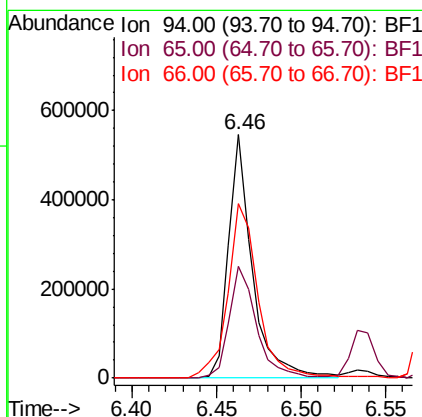
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#10
Phenol
Concen: 41.585 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	45.7	14.7	54.7
66	71.4	29.6	69.6





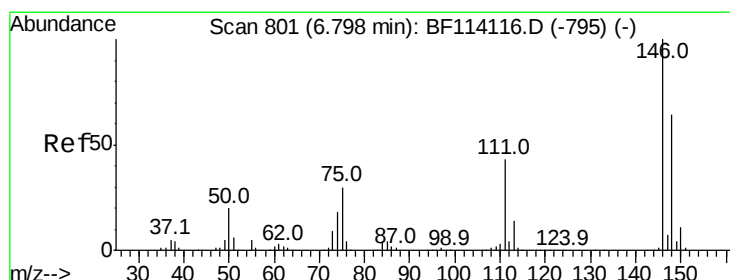
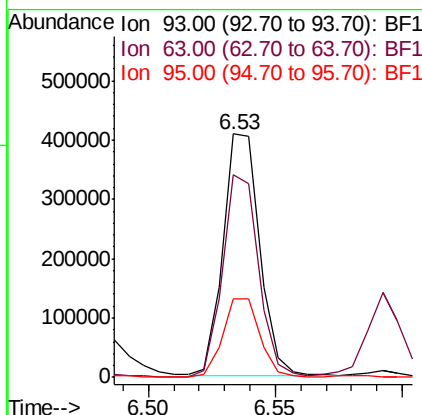
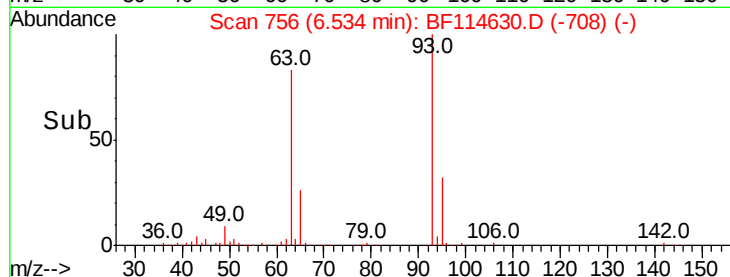
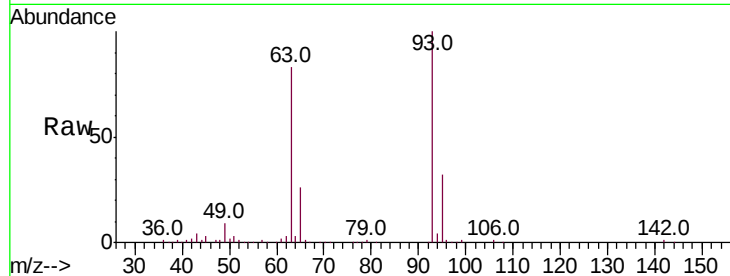
#11
bis(2-Chloroethyl)ether
Concen: 41.667 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	63.6	103.6
95	32.5	13.1	53.1

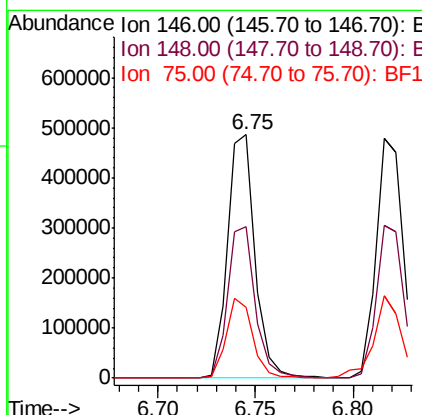
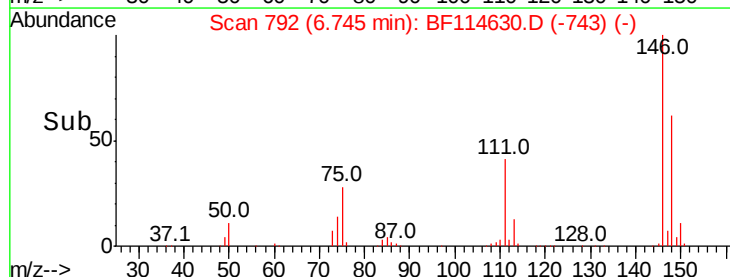
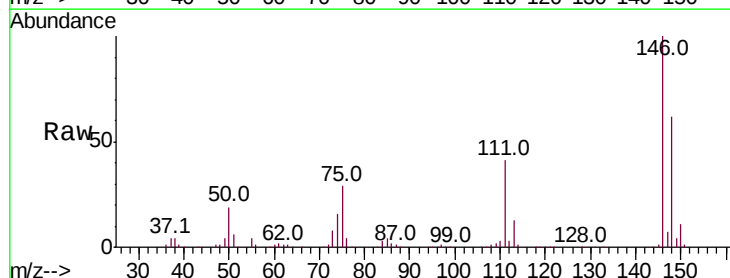
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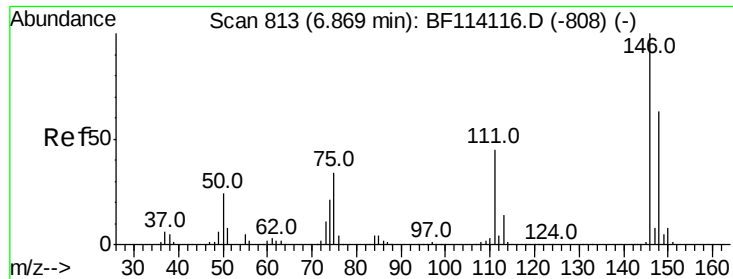
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#12
1,3-Dichlorobenzene
Concen: 42.661 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.6	77.4
75	29.2	24.2	36.2





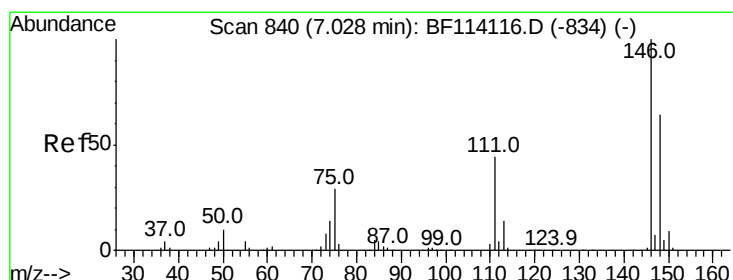
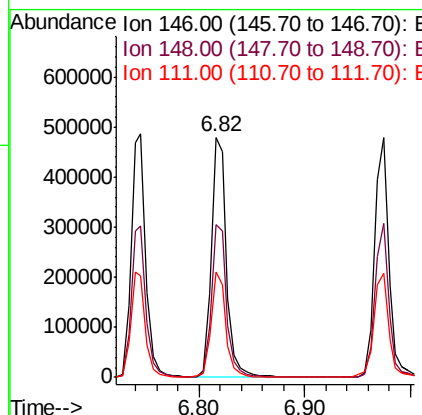
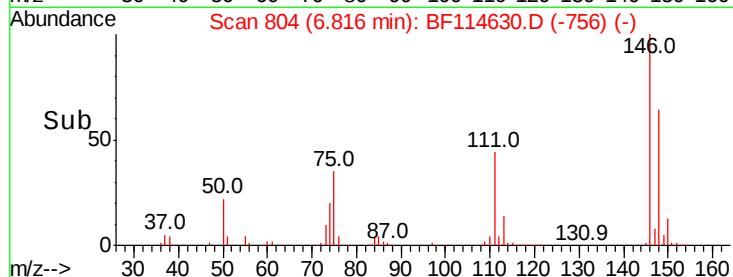
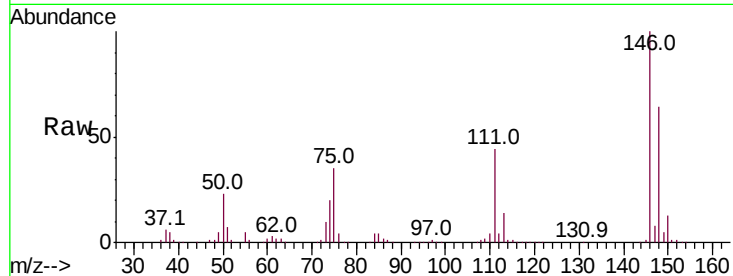
#13
 1,4-Dichlorobenzene
 Concen: 43.026 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.2	75.2
111	44.0	35.8	53.6

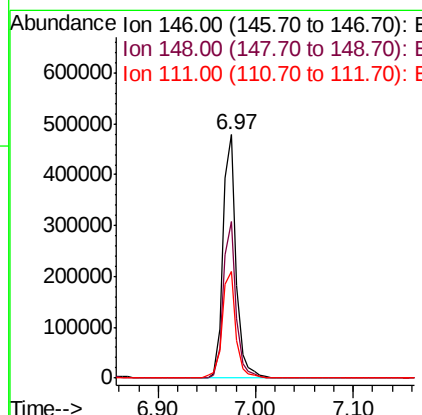
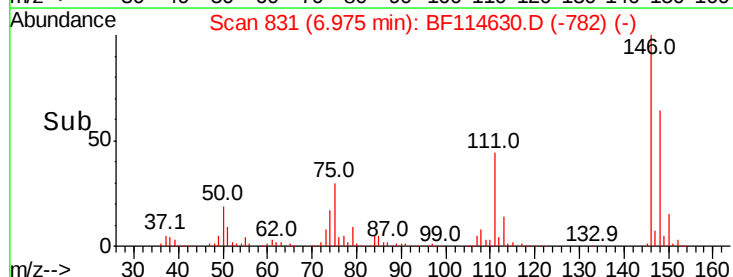
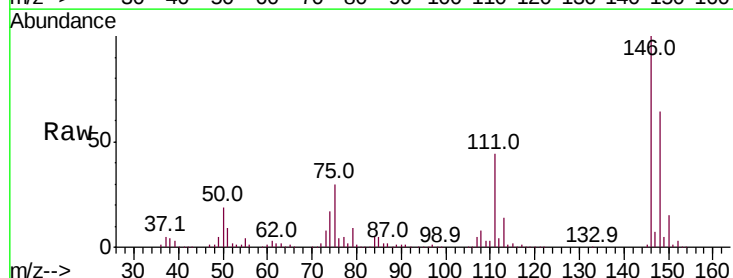
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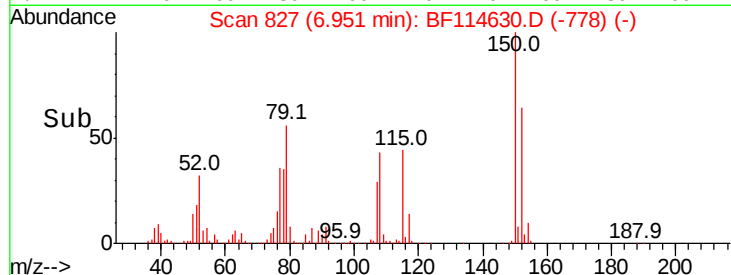
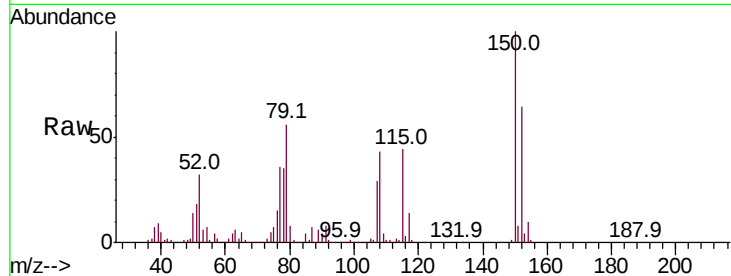
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#14
 1,2-Dichlorobenzene
 Concen: 43.250 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	43.6	35.3	52.9





#15

Benzyl Alcohol

Concen: 39.138 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tot Ion:	79	Resp:	335832
Ion Ratio	Lower	Upper	
79	100		
108	76.8	62.1	93.1
77	63.8	51.0	76.6

Instrument :

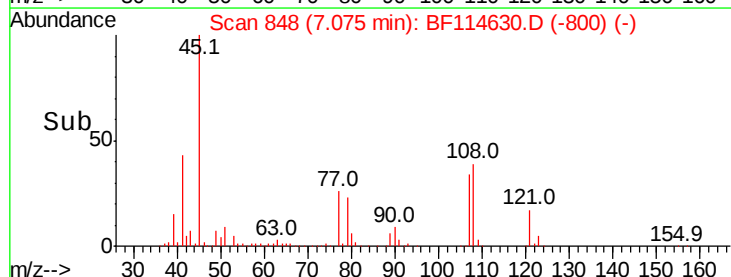
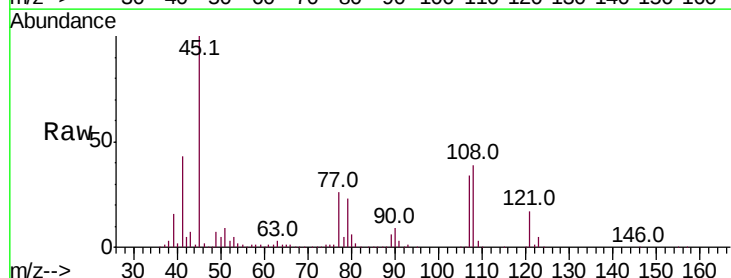
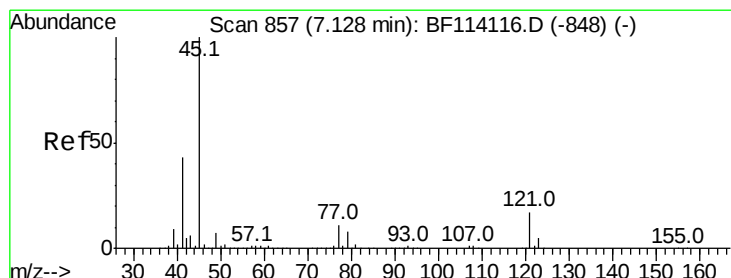
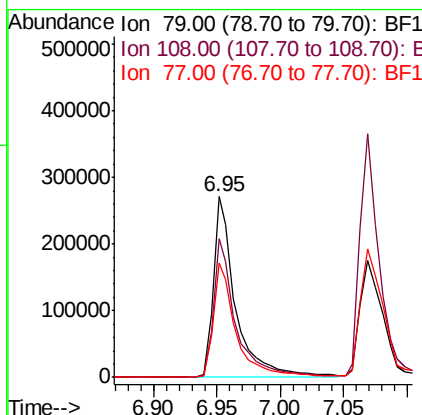
BNA_F

ClientSampleId :

SSTDCCC040EC

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.412 ng

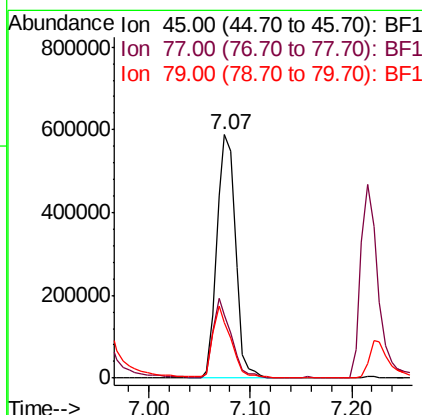
RT: 7.07 min Scan# 848

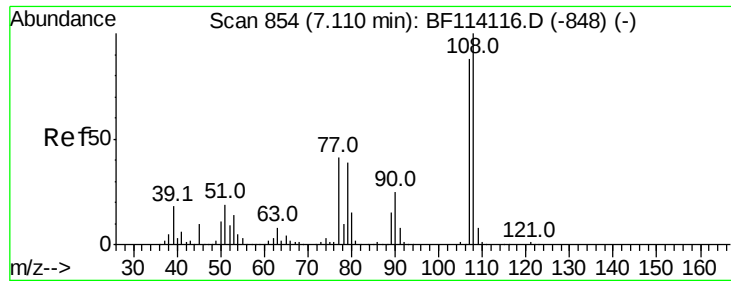
Delta R.T. -0.02 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion:	45	Resp:	750842
Ion Ratio	Lower	Upper	
45	100		
77	25.9	0.0	31.1
79	22.9	0.0	28.4





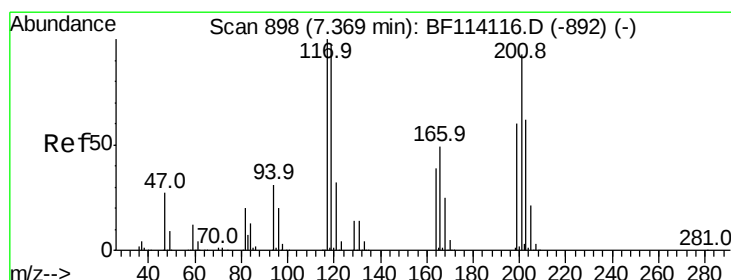
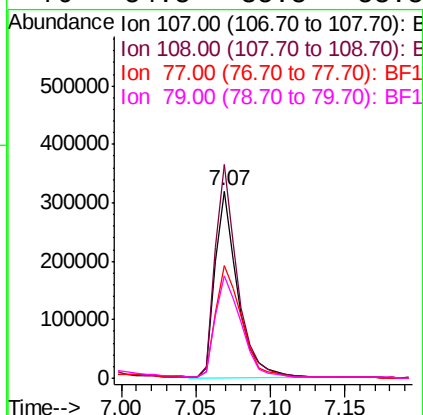
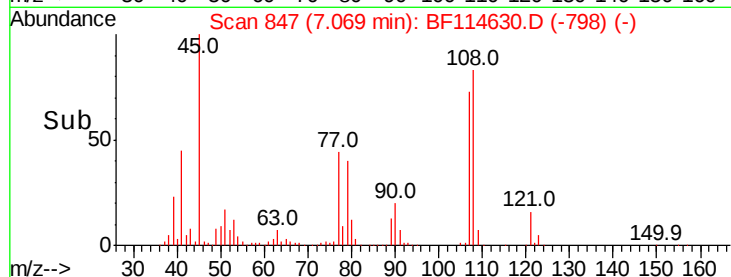
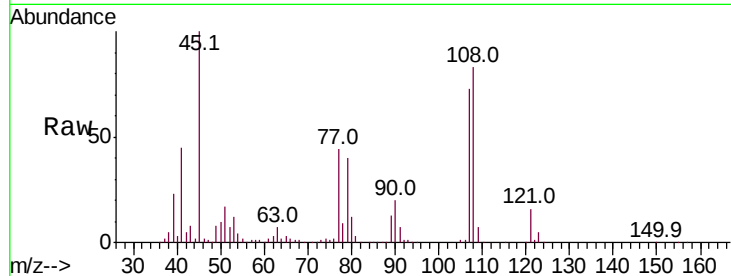
#17
2-Methylphenol
Concen: 41.202 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	90.5	135.7	
77	59.9	37.0	55.4#	
79	54.8	35.8	53.8#	

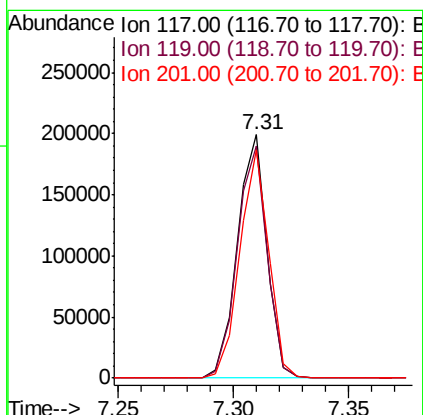
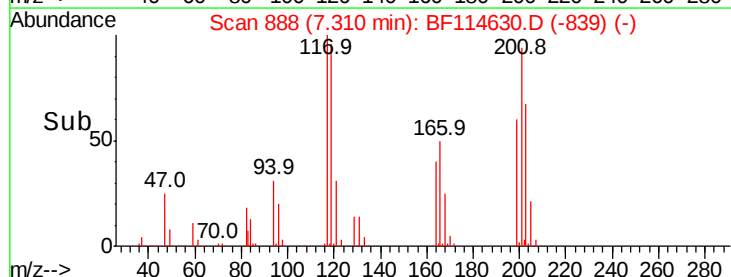
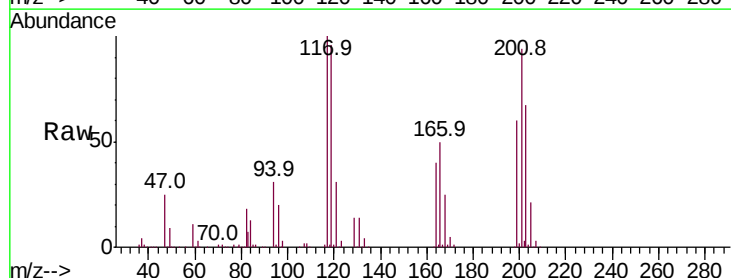
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#18
Hexachloroethane
Concen: 41.811 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	77.4	116.2	
201	93.7	74.5	111.7	





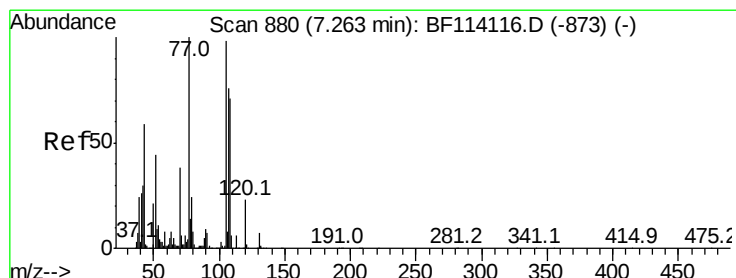
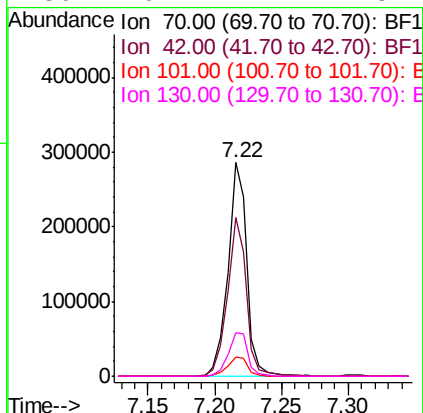
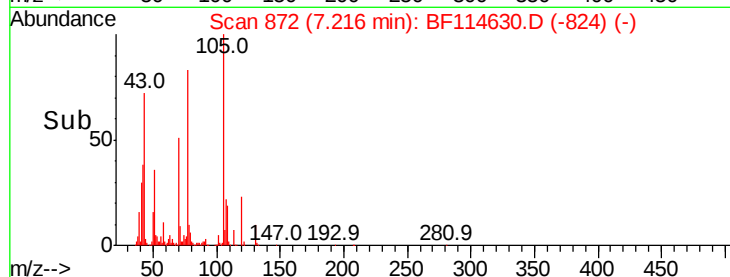
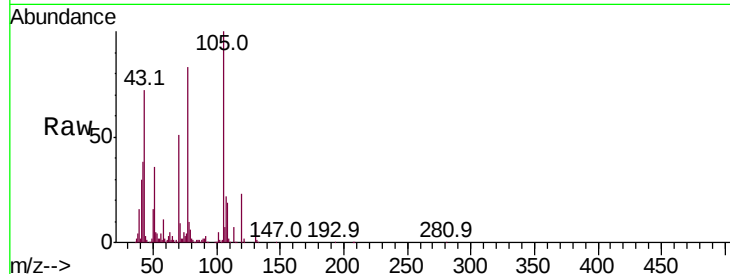
#19
n-Nitroso-di-n-propylamine
Concen: 40.926 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.1	58.6	87.8	
101	8.9	7.8	11.8	
130	20.4	17.1	25.7	

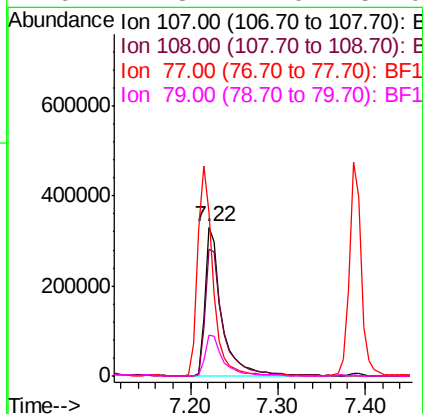
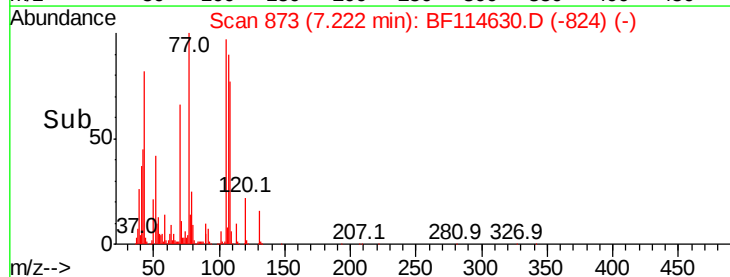
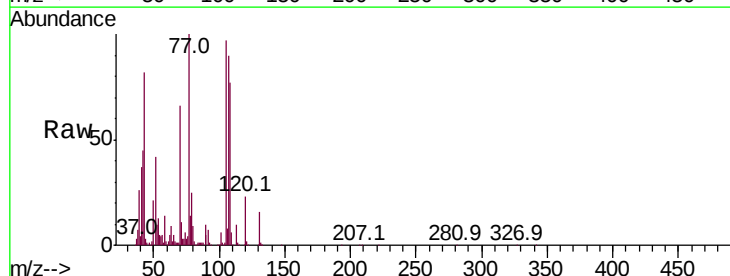
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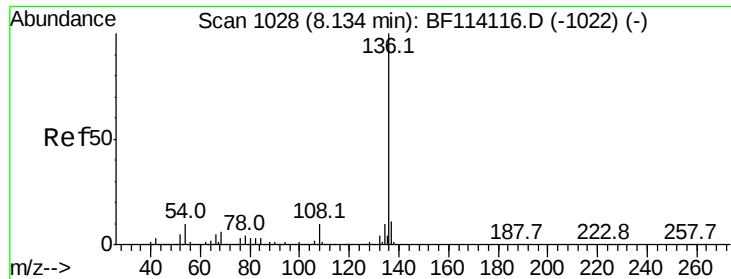
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#20
3+4-Methylphenols
Concen: 45.553 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.0	73.8	113.8	
77	110.6	111.5	151.5#	
79	27.3	12.0	52.0	





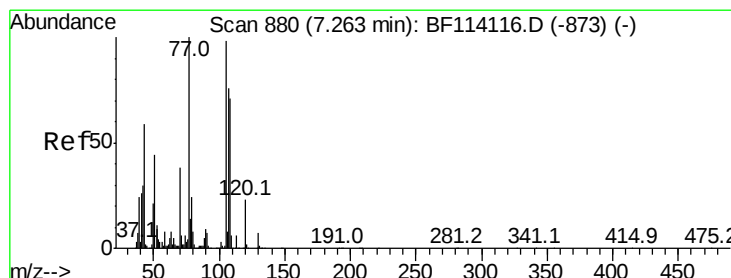
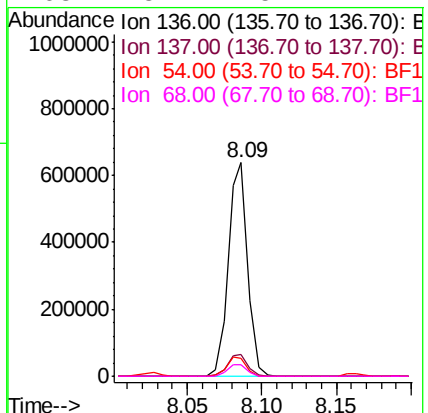
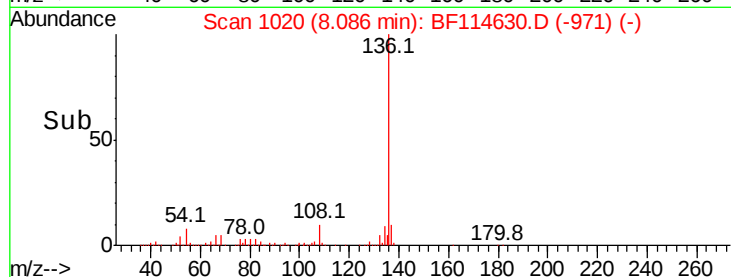
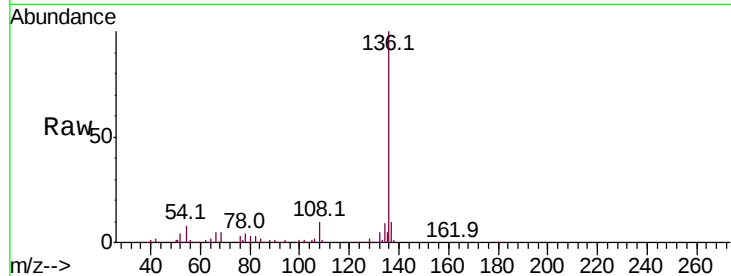
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.8	13.2	
54	8.4	7.8	11.8	
68	5.4	5.1	7.7	

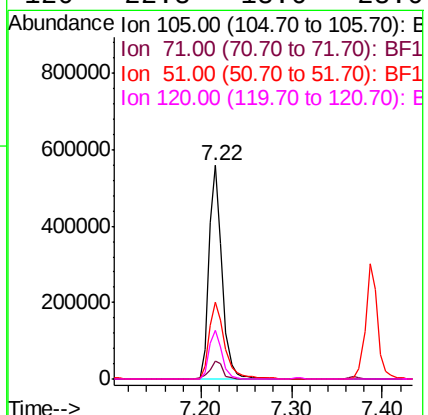
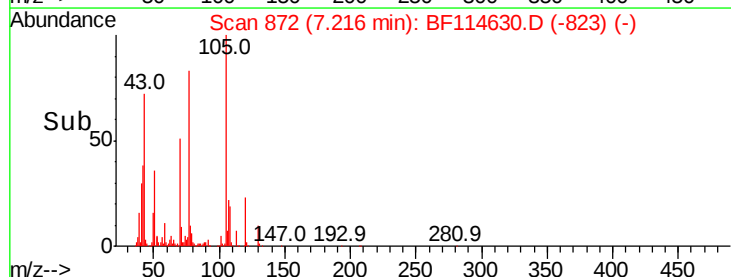
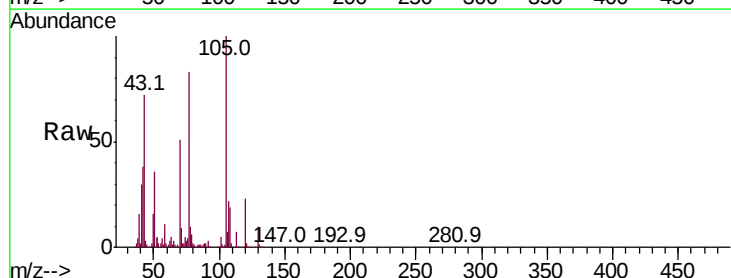
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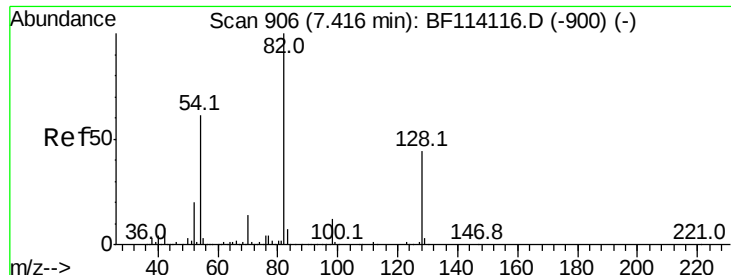
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#22
Acetophenone
Concen: 43.537 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	5.3	7.9#	
51	35.9	36.2	54.4#	
120	22.8	18.6	28.0	





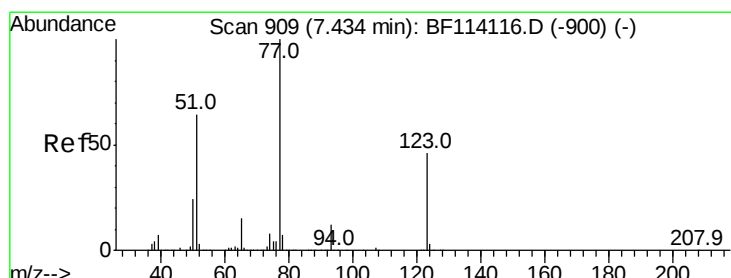
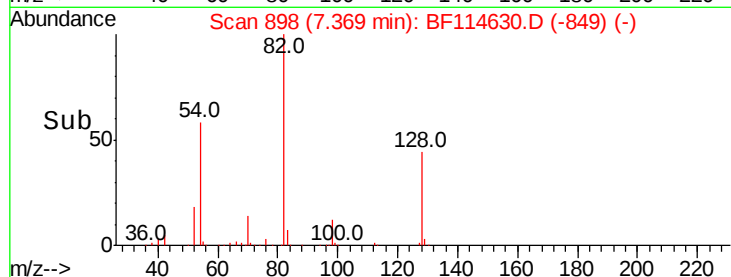
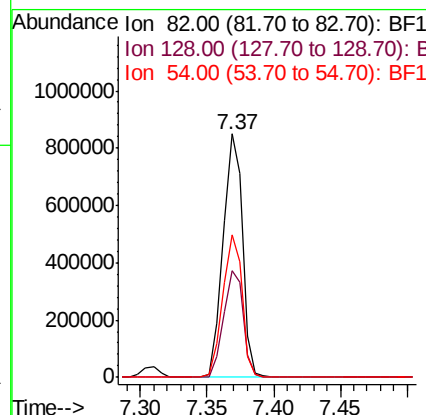
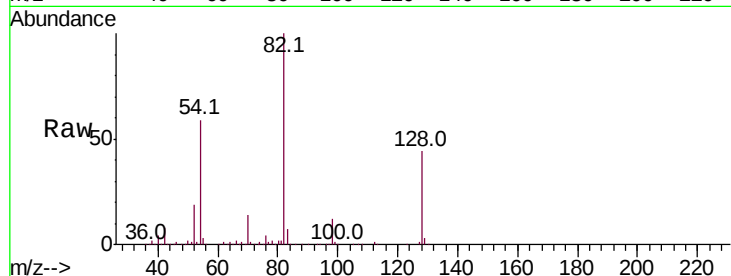
#23
 Nitrobenzene-d5
 Concen: 84.413 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.5	53.3
54	58.6	48.5	72.7

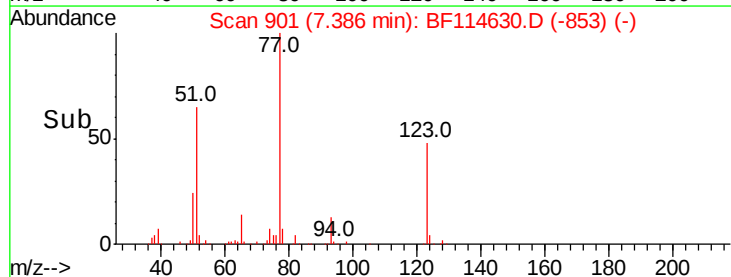
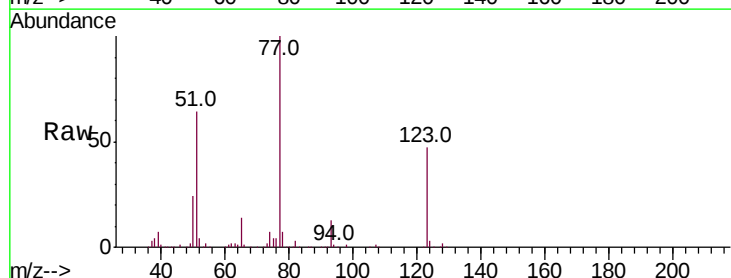
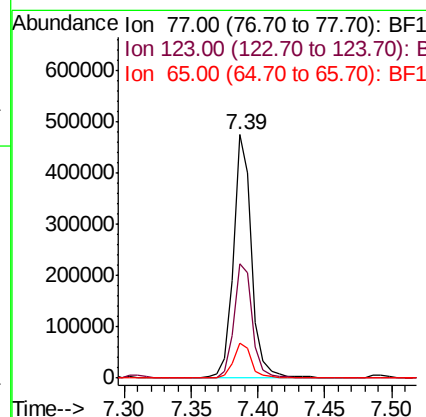
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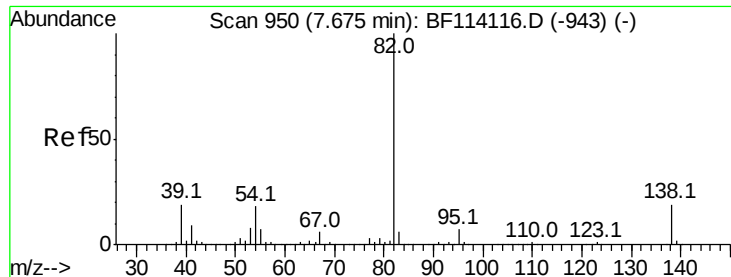
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#24
 Nitrobenzene
 Concen: 42.431 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	36.9	55.3
65	14.3	11.8	17.6





#25

Isophorone

Concen: 40.342 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

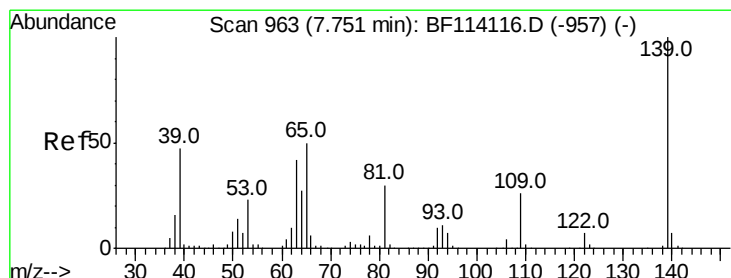
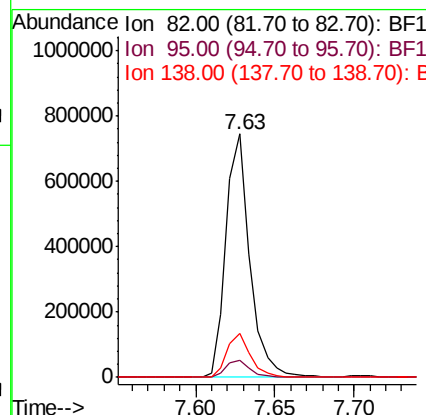
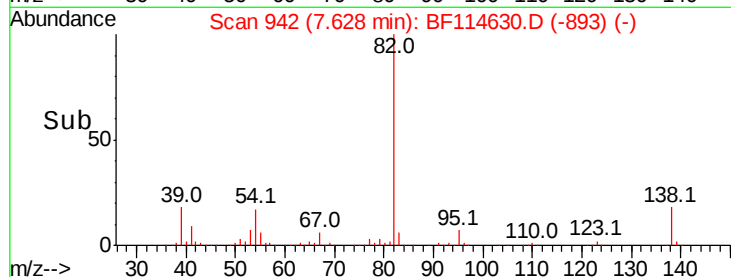
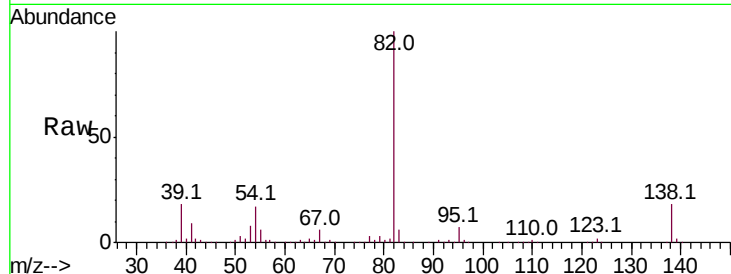
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	779809
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	18.1	14.8	22.2

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#26

2-Nitrophenol

Concen: 43.476 ng

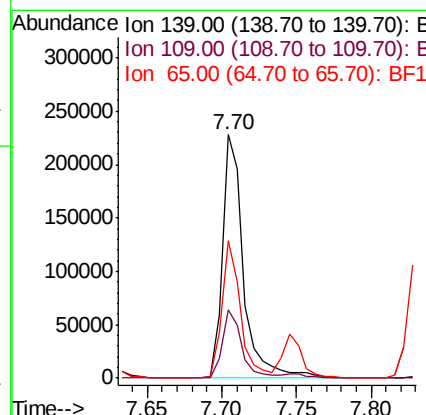
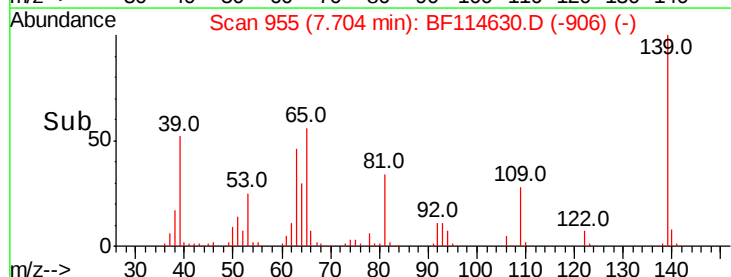
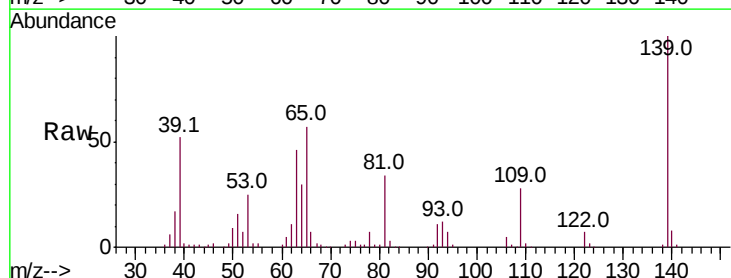
RT: 7.70 min Scan# 955

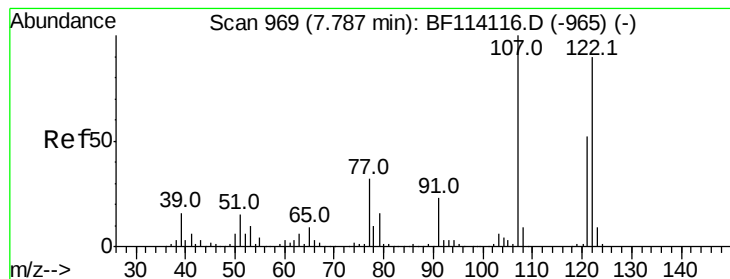
Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion:	139	Resp:	223919
Ion Ratio	Lower	Upper	
139	100		
109	27.9	20.7	31.1
65	56.6	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 40.274 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

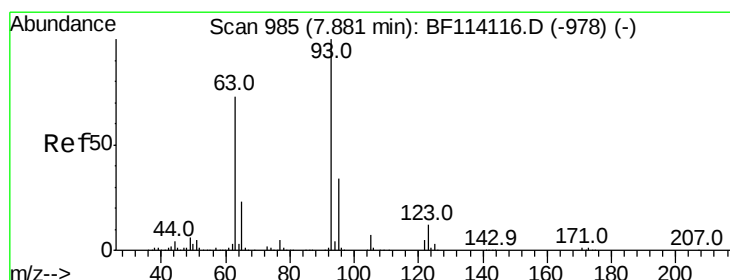
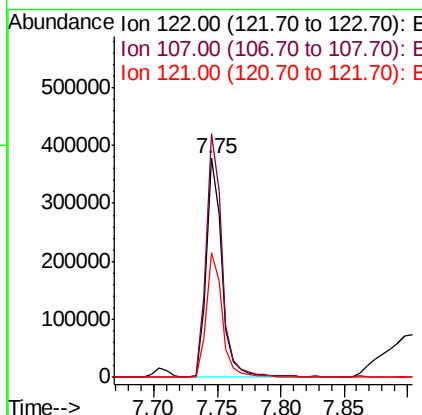
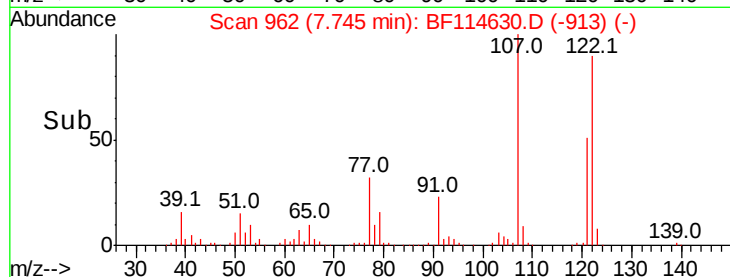
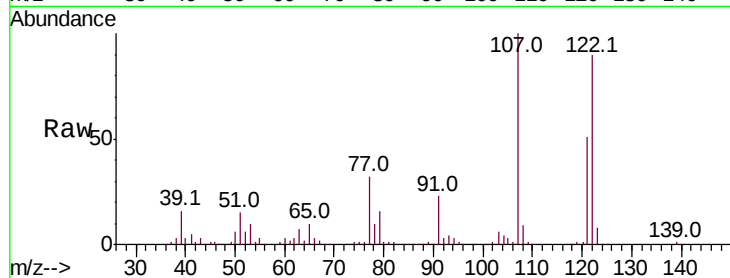
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	325781
Ion Ratio	Lower	Upper	
122	100		
107	111.1	88.4	132.6
121	57.0	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 41.396 ng

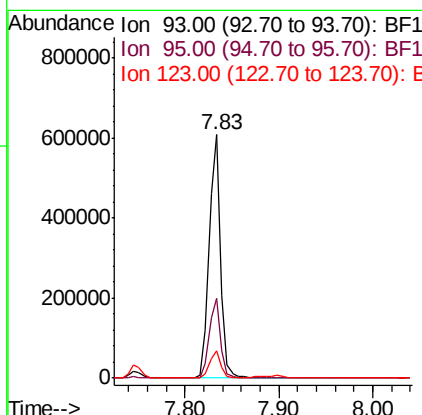
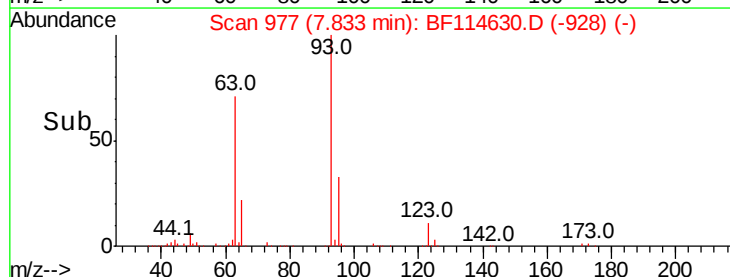
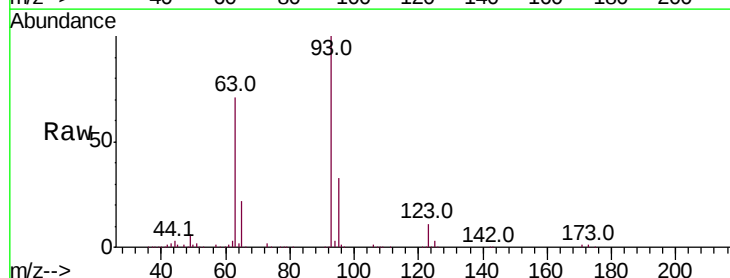
RT: 7.83 min Scan# 977

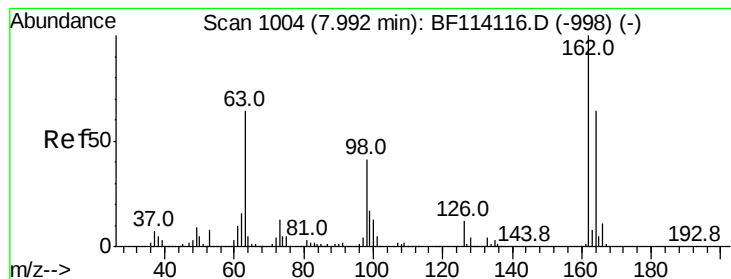
Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion:	93	Resp:	519202
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.8	40.2
123	11.4	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 43.091 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

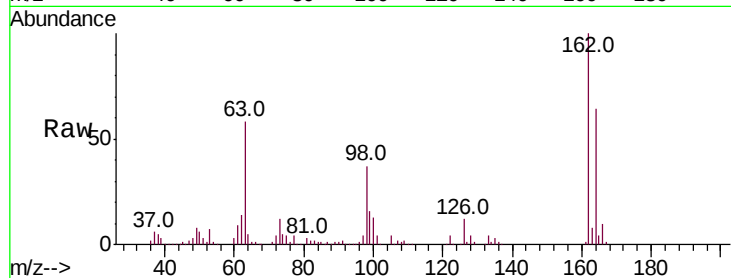
ClientSampleId :

SSTDCCC040EC

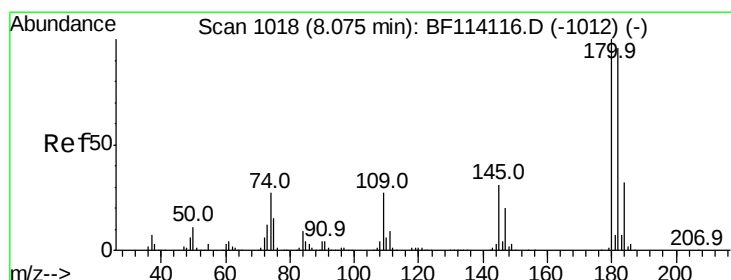
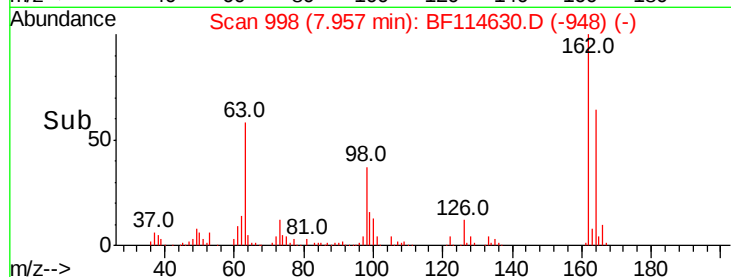
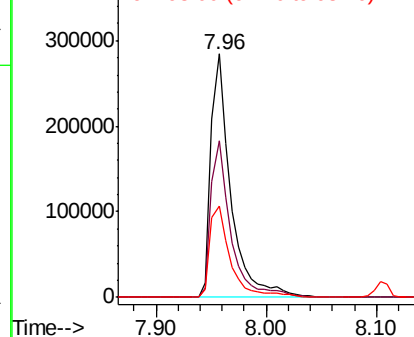
Tot Ion:	162	Resp:	347085
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.6	83.6
98	37.4	20.6	60.6

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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: 42.155 ng

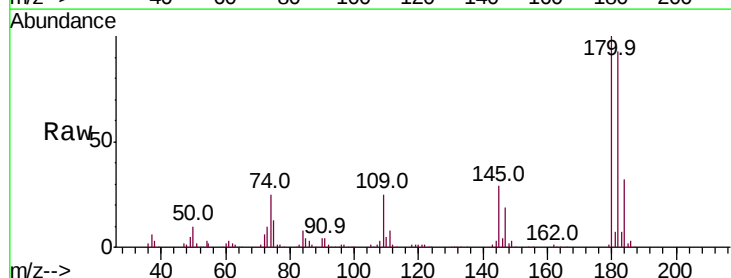
RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

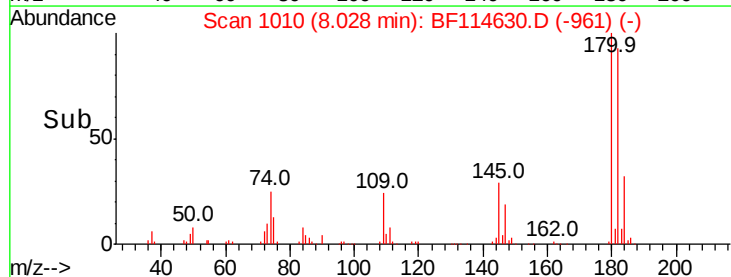
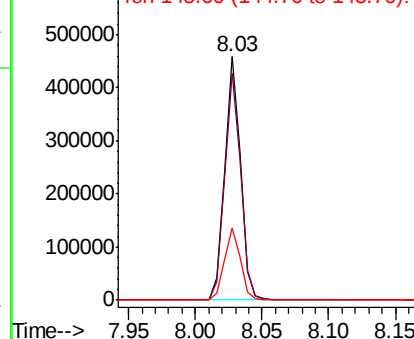
Lab File: BF114630.D

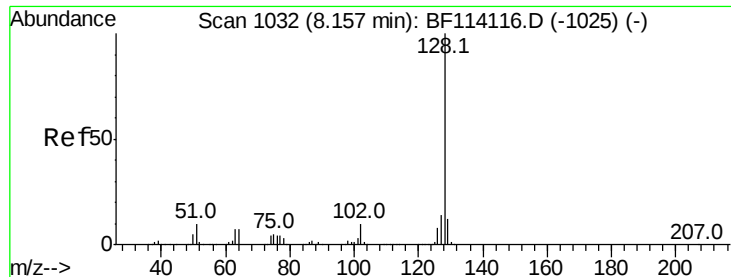
Acq: 26 May 2019 4:33

Tgt Ion:	180	Resp:	386110
Ion Ratio	Lower	Upper	
180	100		
182	93.0	76.6	114.8
145	29.4	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





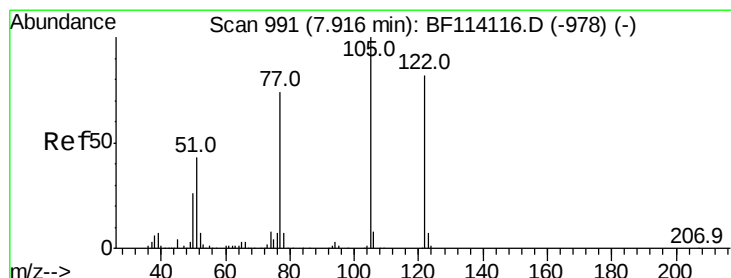
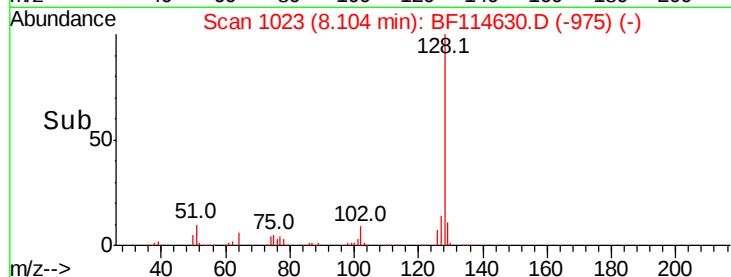
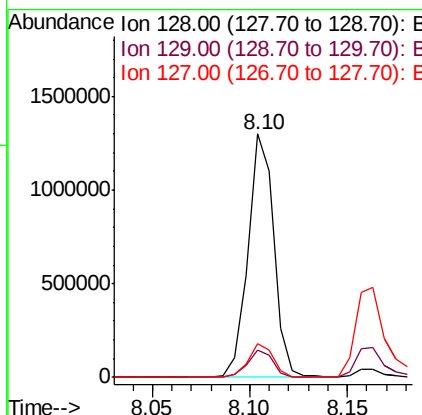
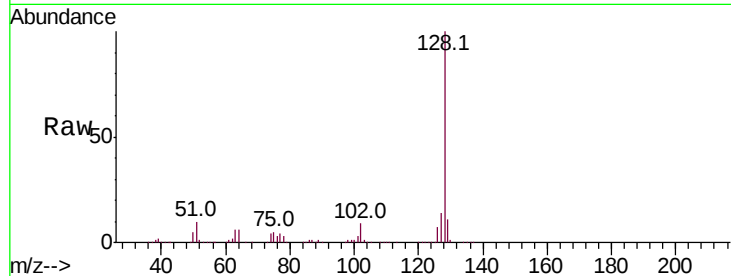
#31
Naphthalene
Concen: 43.698 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	13.6	11.3	16.9

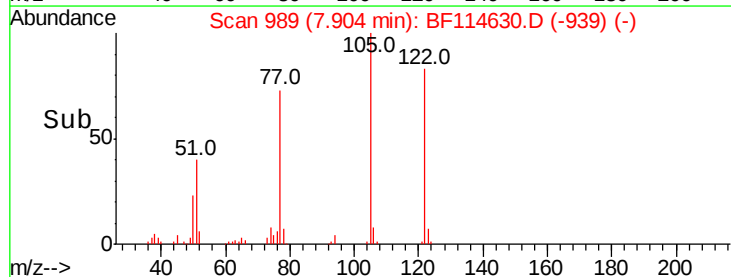
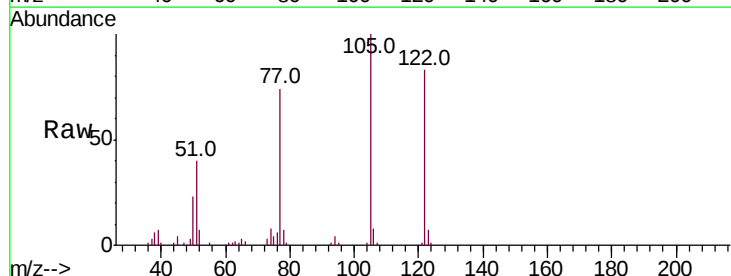
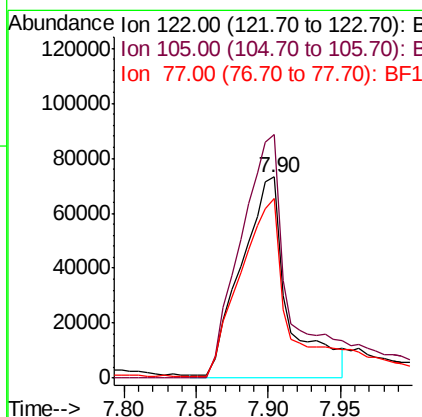
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#32
Benzoic acid
Concen: 31.986 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	99.9	139.9
77	89.6	69.4	109.4





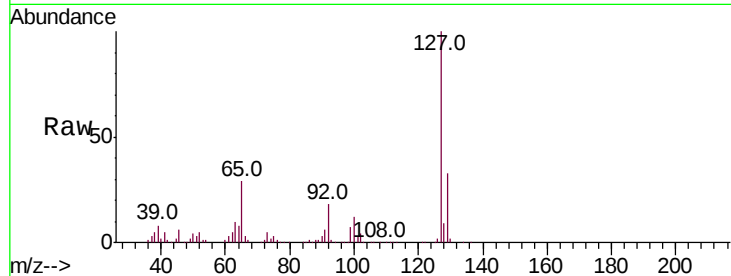
#33
4-Chloroaniline
Concen: 42.830 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

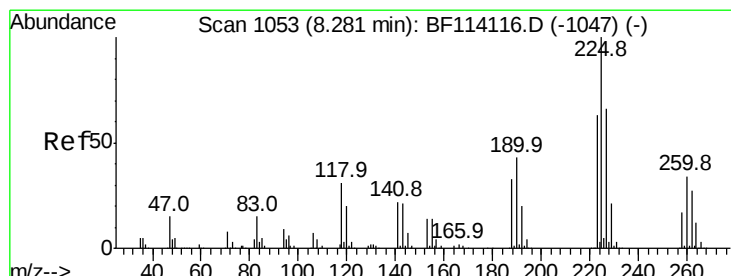
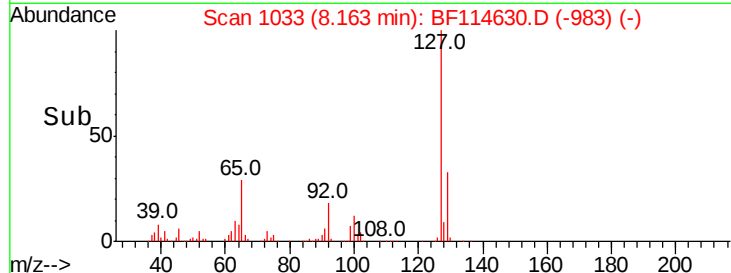
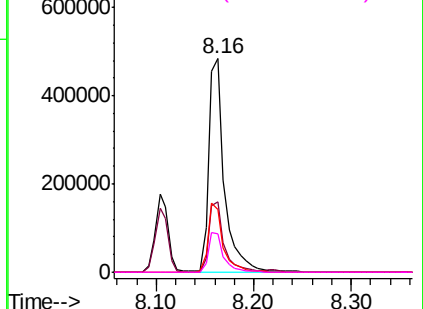
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.7	40.1	
65	29.1	25.4	38.0	
92	17.8	15.4	23.2	

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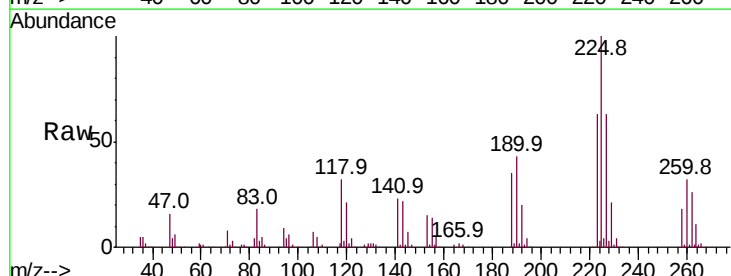


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

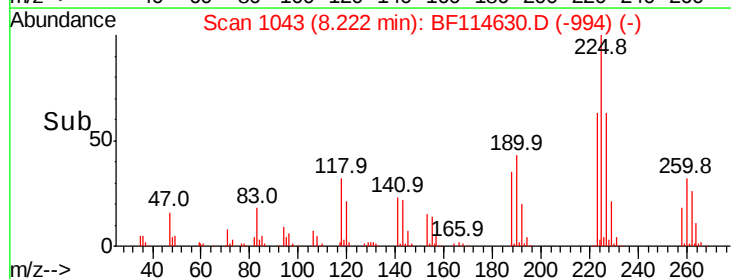
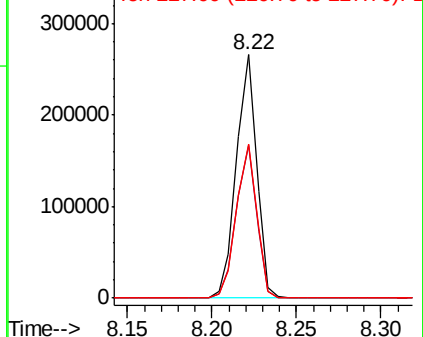


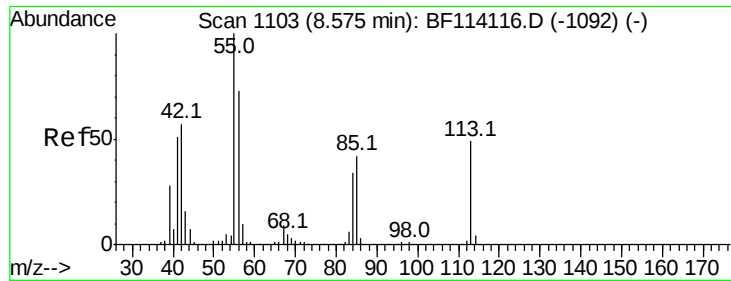
#34
Hexachlorobutadiene
Concen: 42.723 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.2	75.2	
227	63.2	52.6	79.0	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





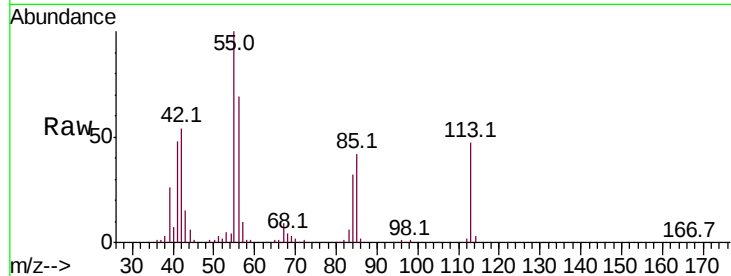
#35
Caprolactam
Concen: 42.925 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

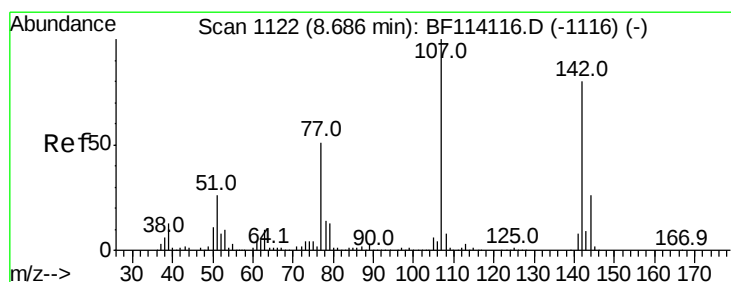
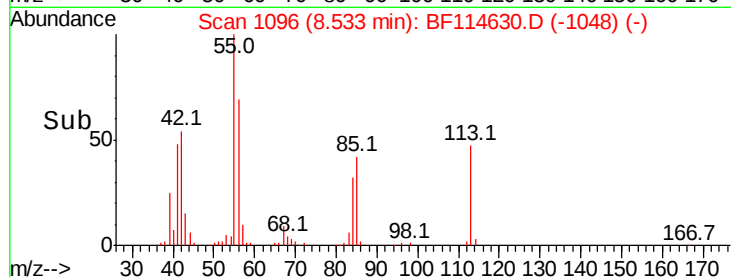
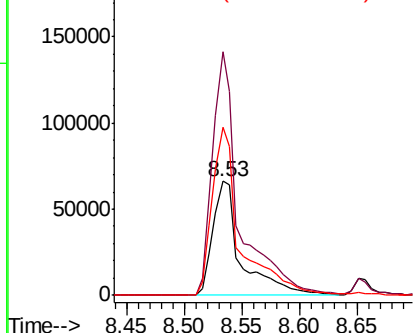
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	213.2	183.5	223.5		
56	147.7	128.8	168.8		

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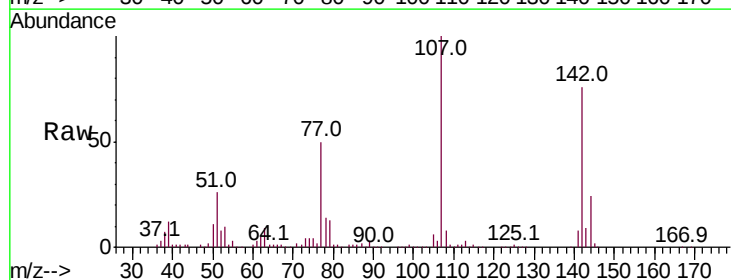


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

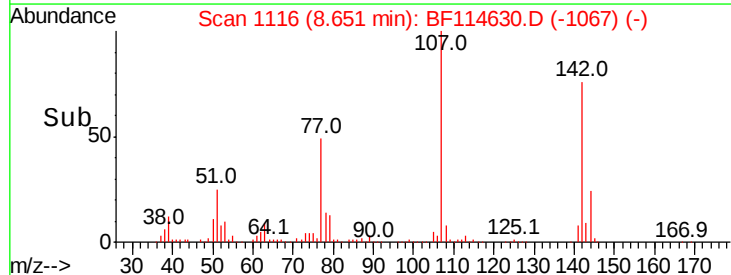
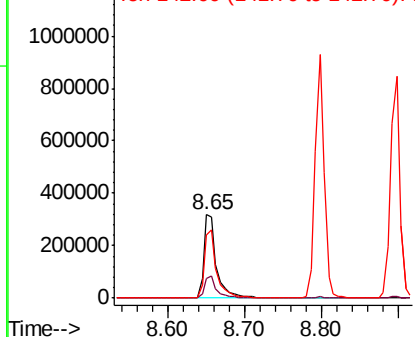


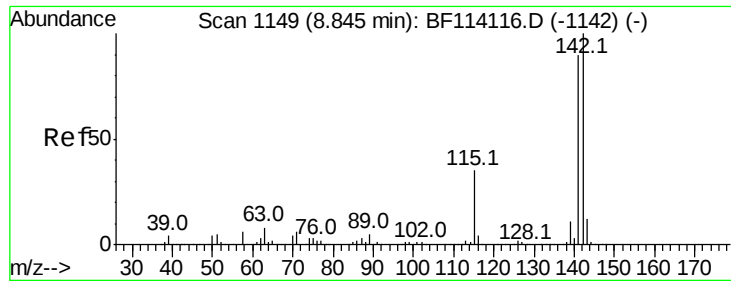
#36
4-Chloro-3-methylphenol
Concen: 44.248 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.1	20.4	30.6		
142	75.7	64.2	96.4		



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





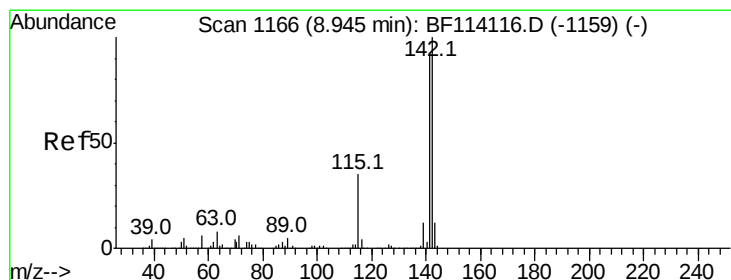
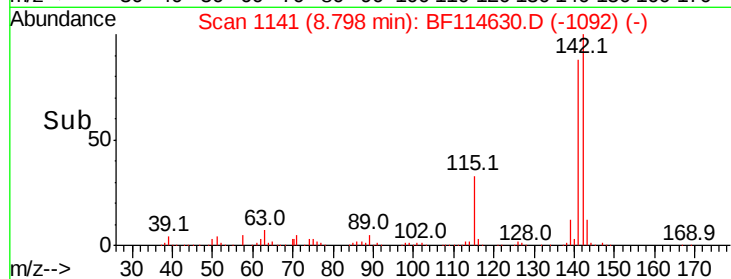
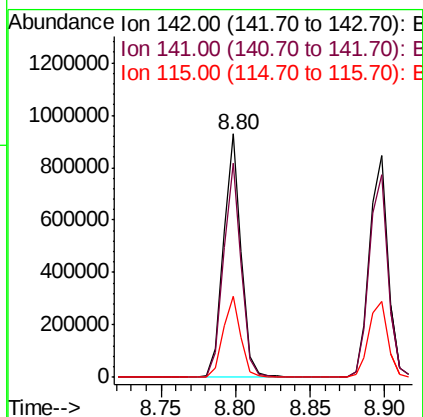
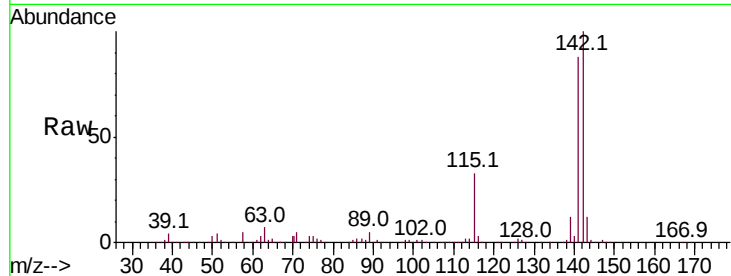
#37
2-Methylnaphthalene
Concen: 43.936 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.1	108.1
115	33.4	28.0	42.0

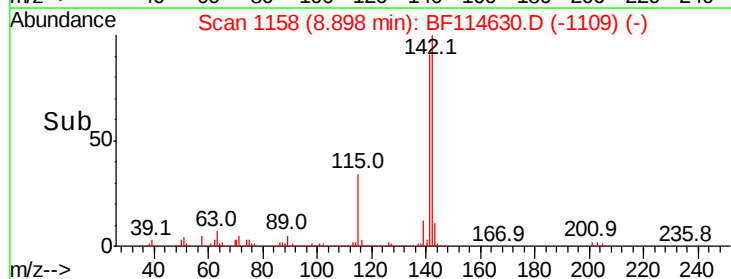
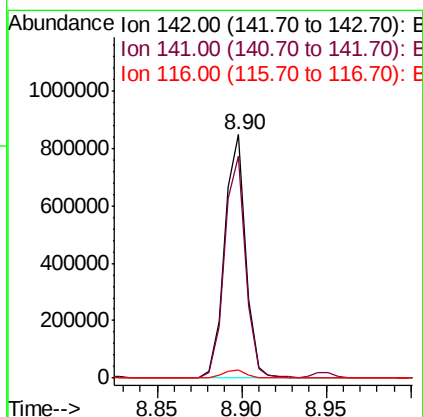
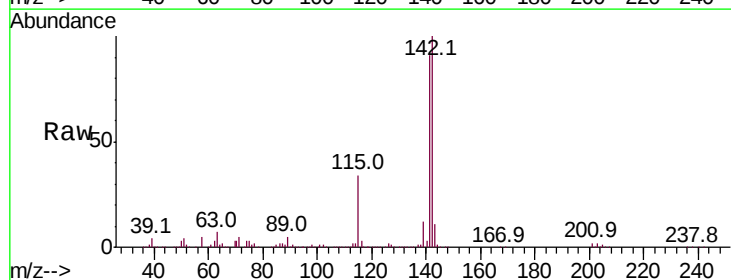
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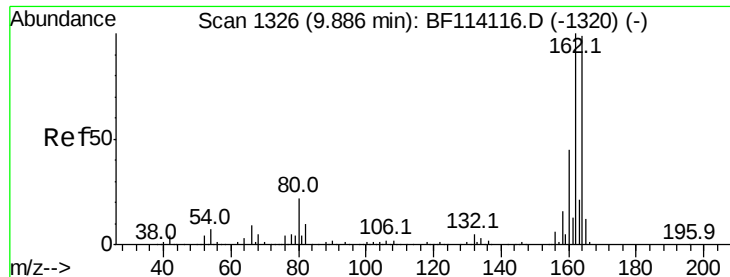
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#38
1-Methylnaphthalene
Concen: 43.820 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.4	110.0
116	3.4	3.1	4.7





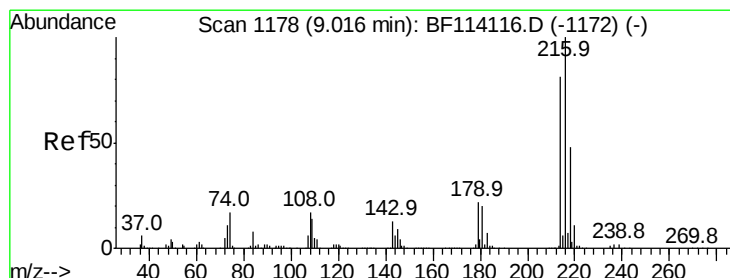
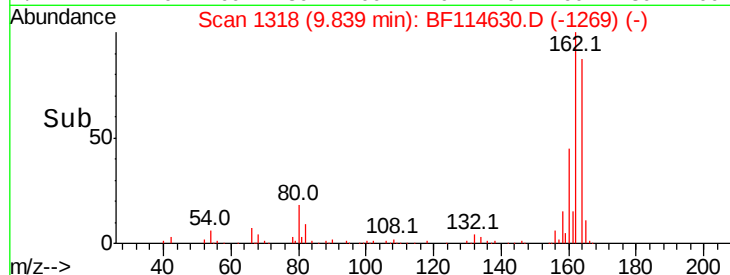
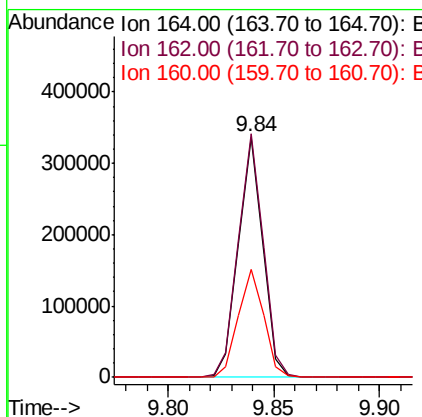
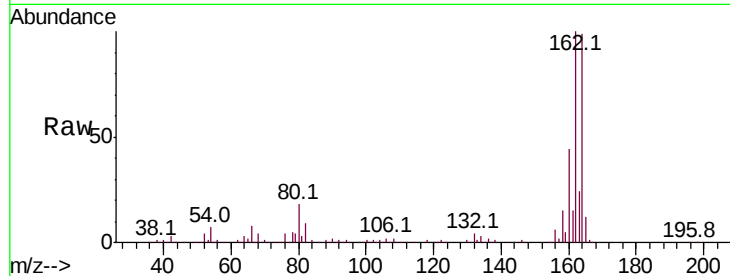
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	45.0	36.5	54.7

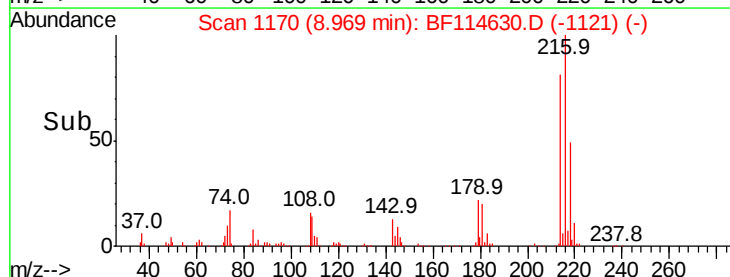
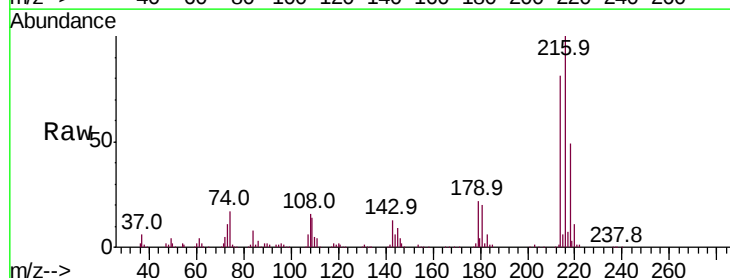
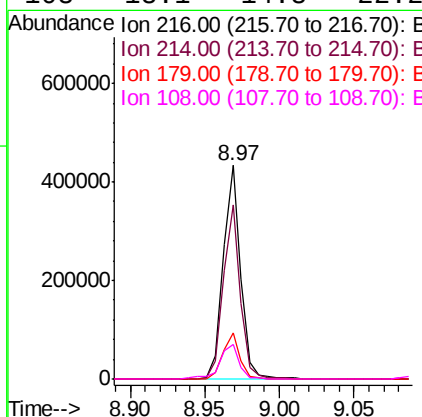
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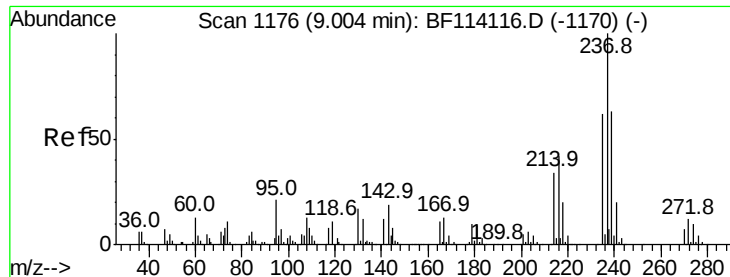
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.713 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.9	95.9
179	21.3	17.0	25.6
108	18.1	14.8	22.2





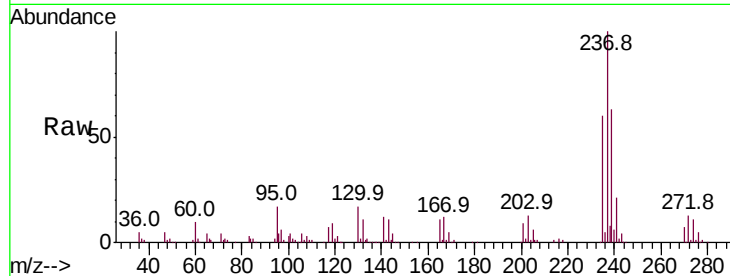
#41
Hexachlorocyclopentadiene
Concen: 34.246 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

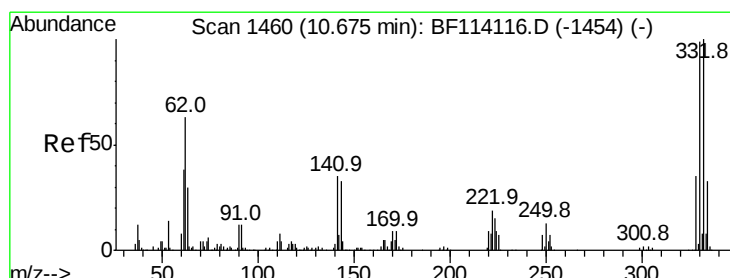
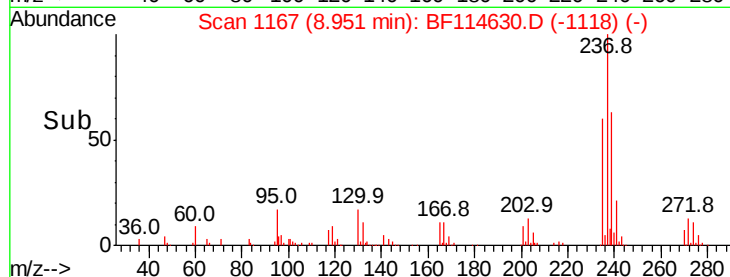
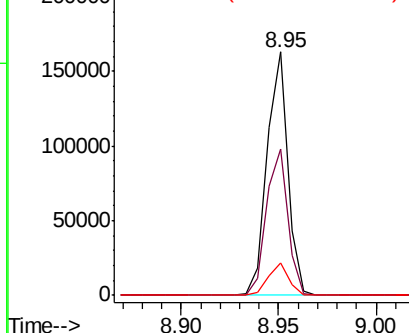
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	59.9	42.0	82.0	
272	13.3	0.0	32.4	

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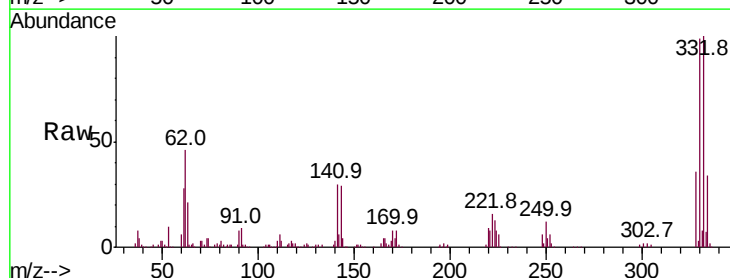


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

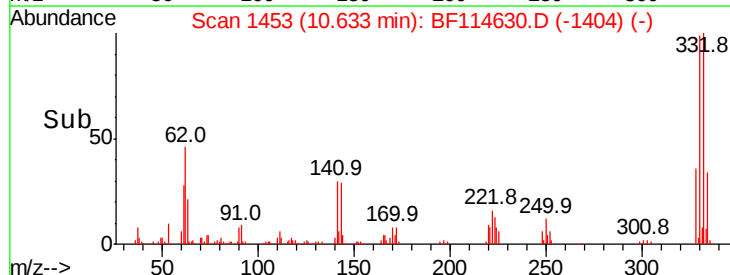
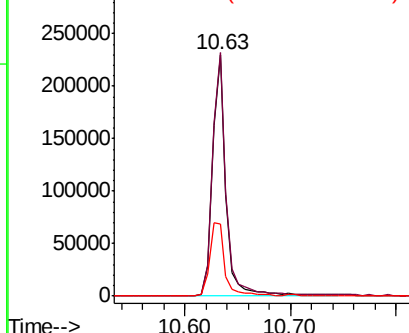


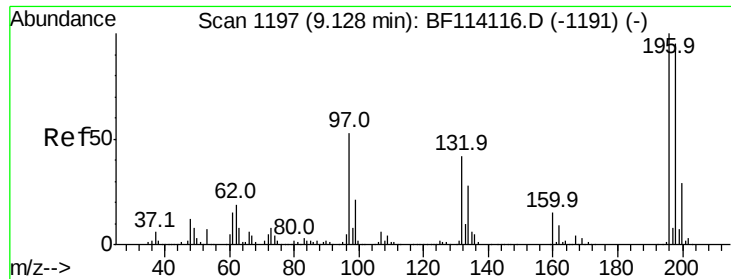
#42
2,4,6-Tribromophenol
Concen: 75.676 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.8	81.4	122.2	
141	33.7	26.6	40.0	



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





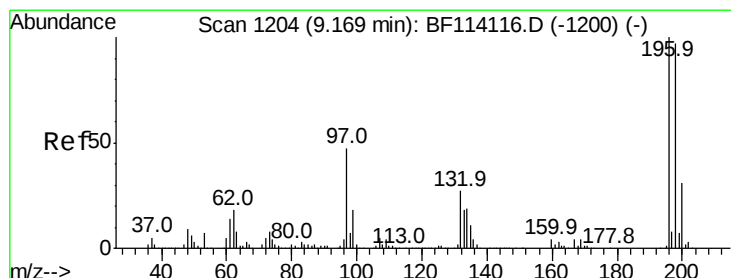
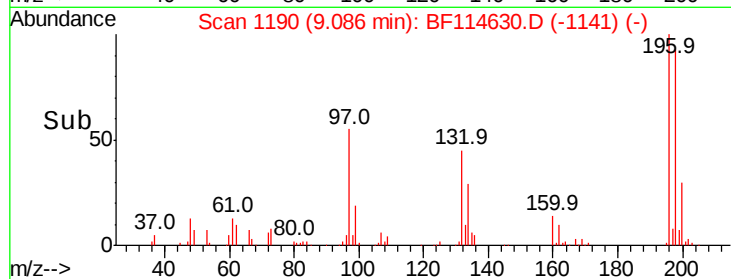
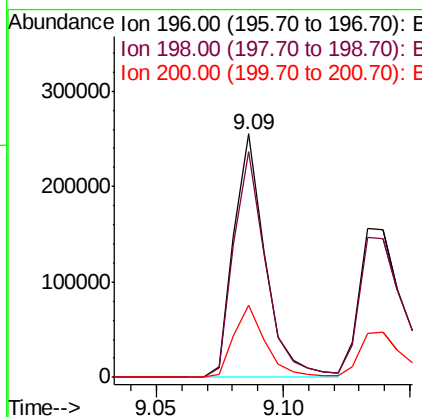
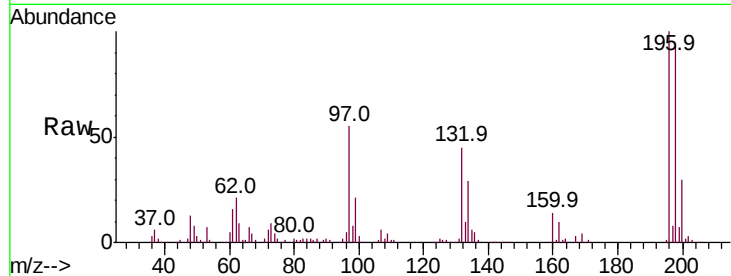
#43
 2,4,6-Trichlorophenol
 Concen: 39.348 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	221149		
198	93.0	75.9	113.9	
200	29.6	23.5	35.3	

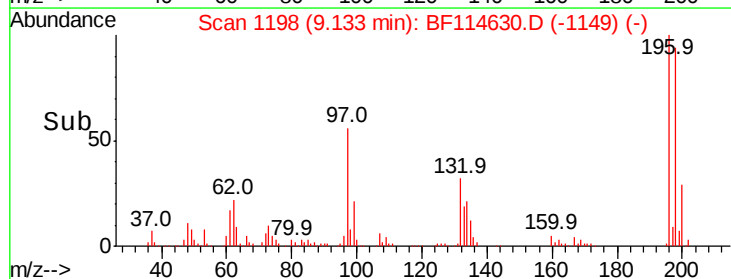
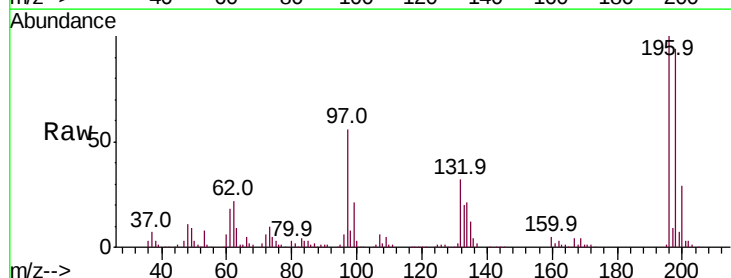
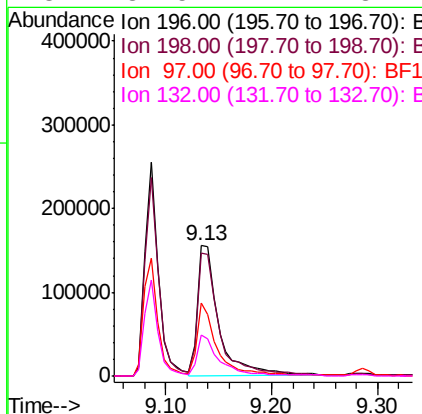
Manual Integrations
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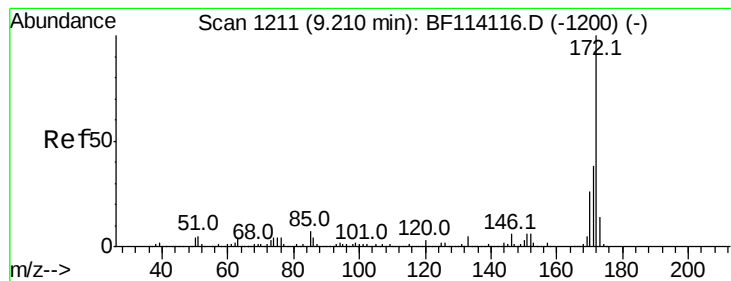
mohammad
 5/27/2019 3:50:51 AM



#44
 2,4,5-Trichlorophenol
 Concen: 37.264 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	214785		
198	94.3	77.7	116.5	
97	55.8	38.2	57.2	
132	31.5	21.4	32.2	





#45

2-Fluorobiphenyl

Concen: 85.414 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:172 Resp: 1523112

Ion Ratio Lower Upper

172 100

171 36.0 30.7 46.1

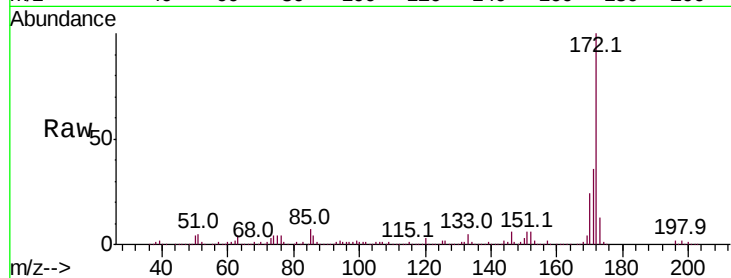
170 23.6 20.5 30.7

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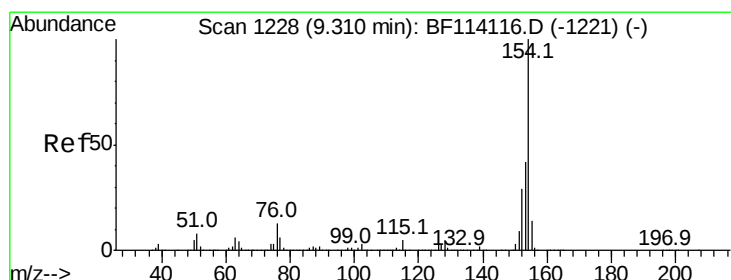
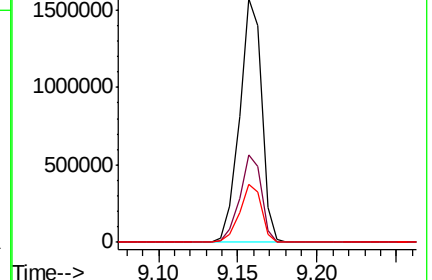
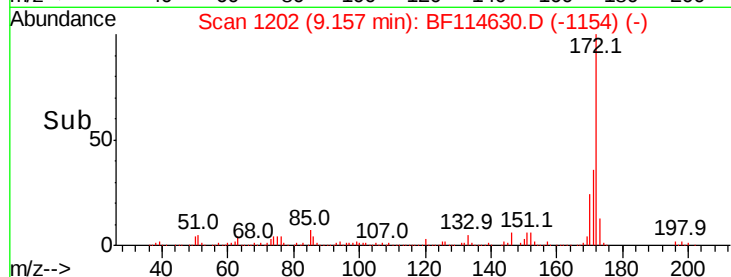
5/27/2019 3:50:51 AM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.704 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

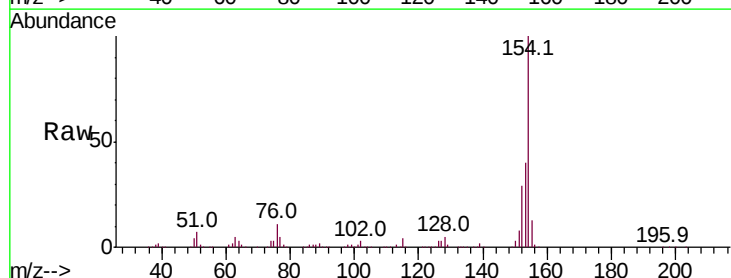
Tgt Ion:154 Resp: 952377

Ion Ratio Lower Upper

154 100

153 40.4 21.9 61.9

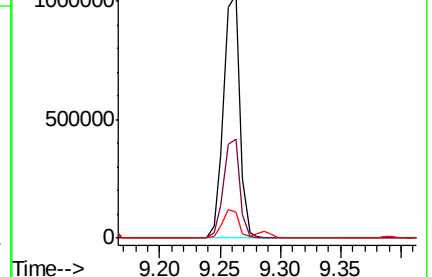
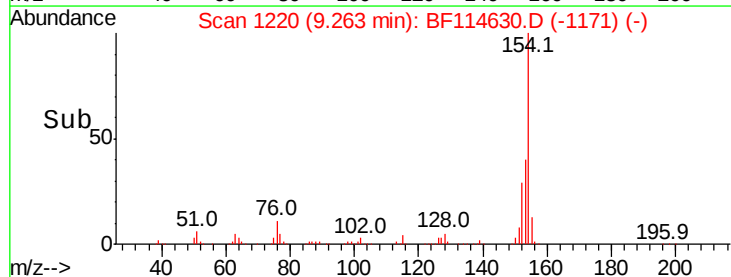
76 10.6 0.0 32.8

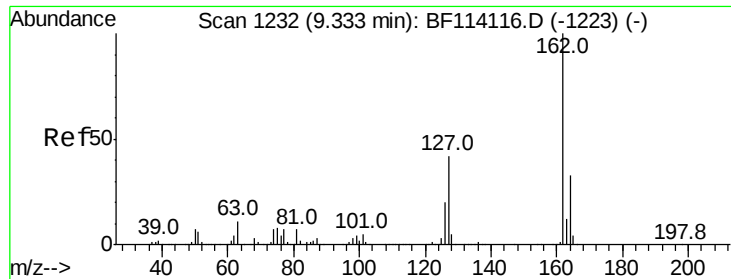


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





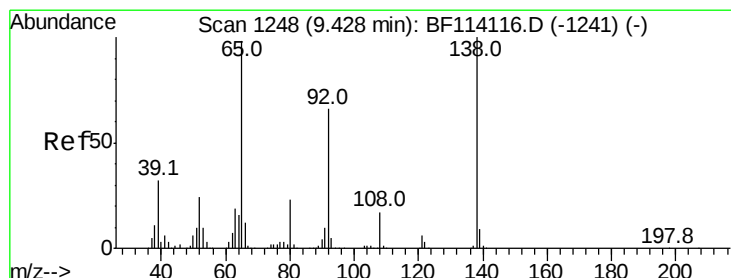
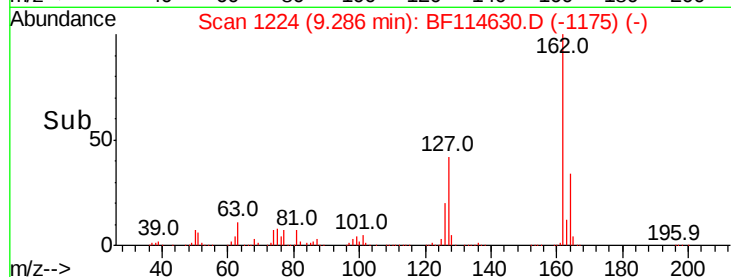
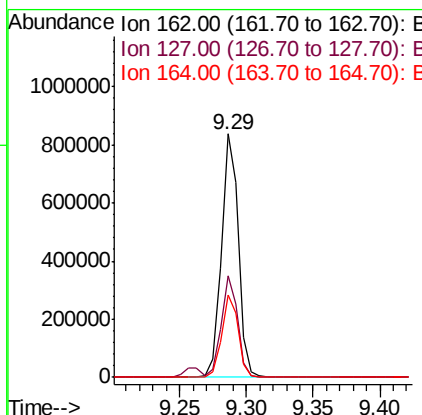
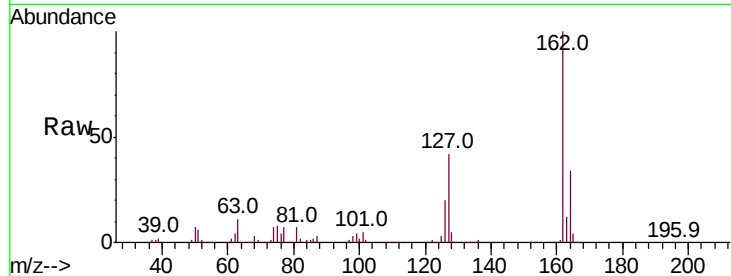
#47
2-Chloronaphthalene
Concen: 42.854 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	751561		
127	41.6	34.0	51.0	
164	33.7	26.7	40.1	

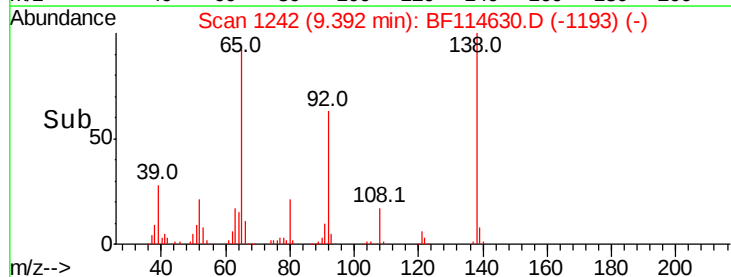
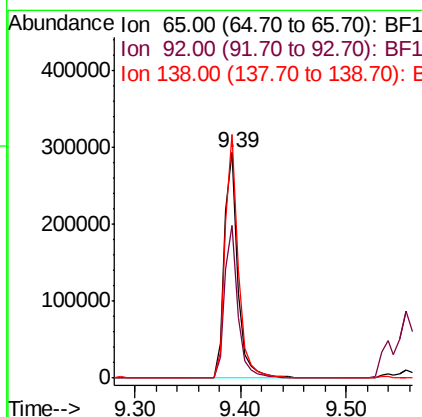
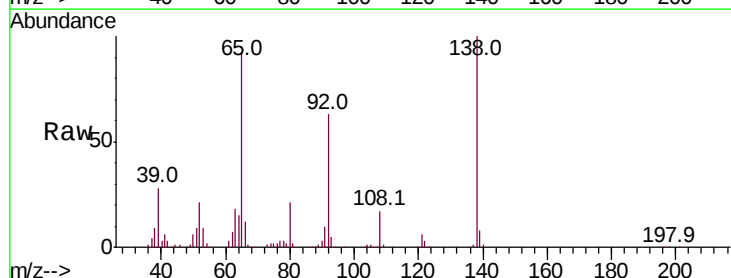
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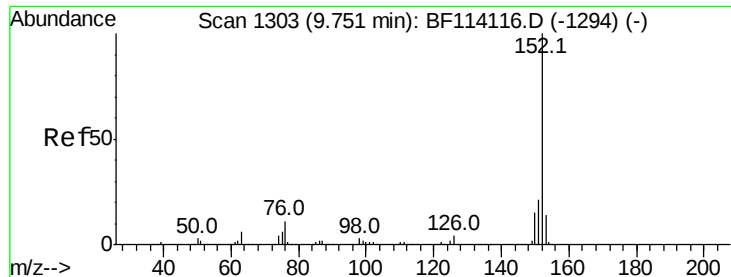
mohammad
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#48
2-Nitroaniline
Concen: 42.225 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	262622		
92	68.0	53.9	80.9	
138	108.1	81.4	122.0	





#49

Acenaphthylene

Concen: 42.530 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 1134414

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

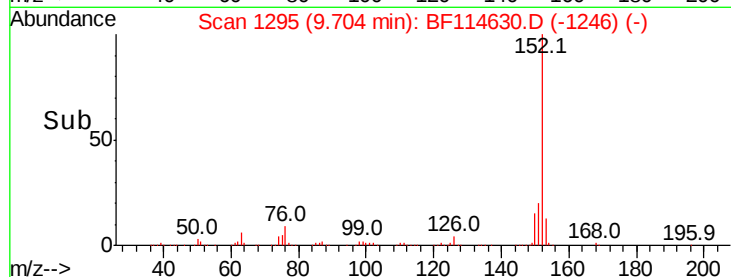
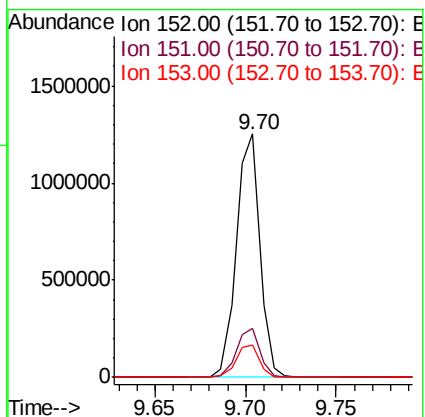
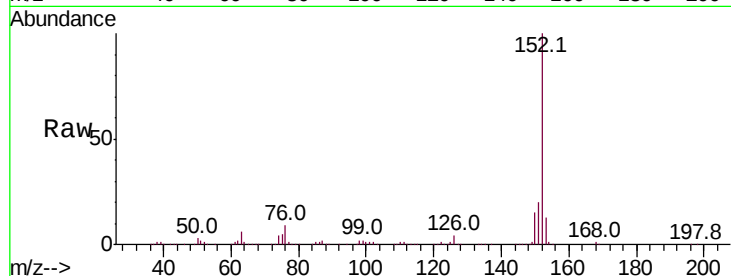
153 13.4 11.4 17.2

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#50

Dimethylphthalate

Concen: 41.302 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

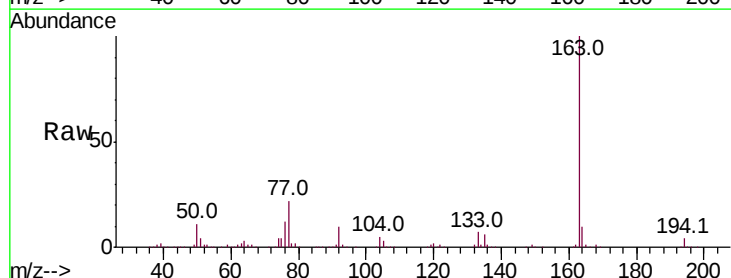
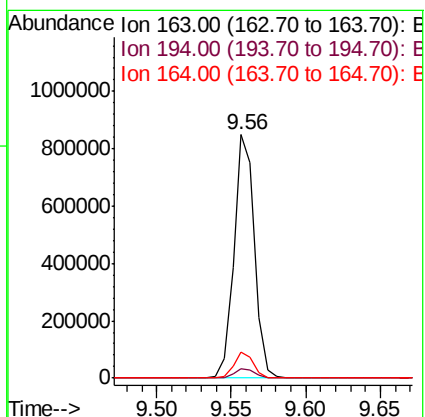
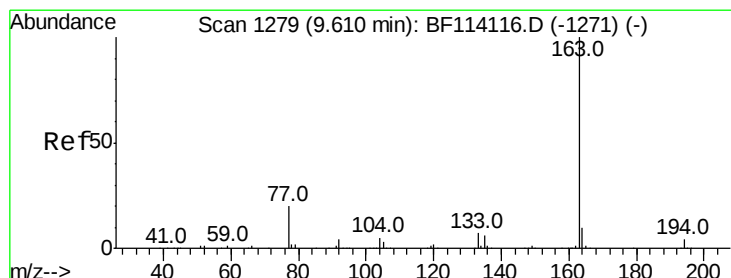
Tgt Ion:163 Resp: 817835

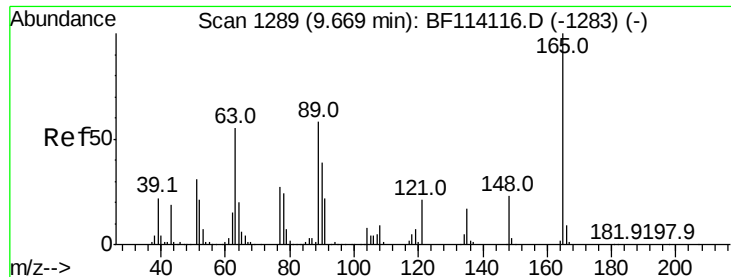
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.4 8.2 12.2





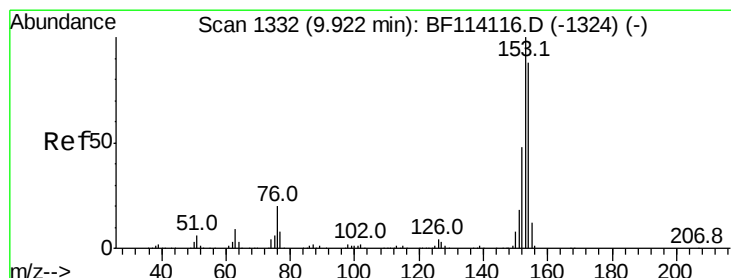
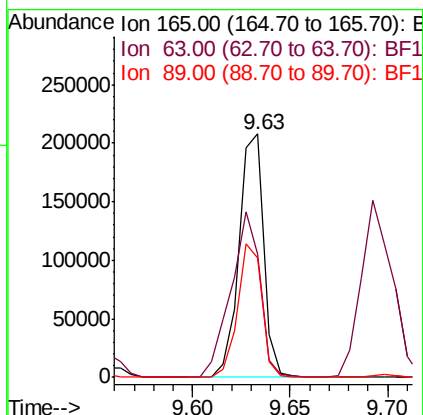
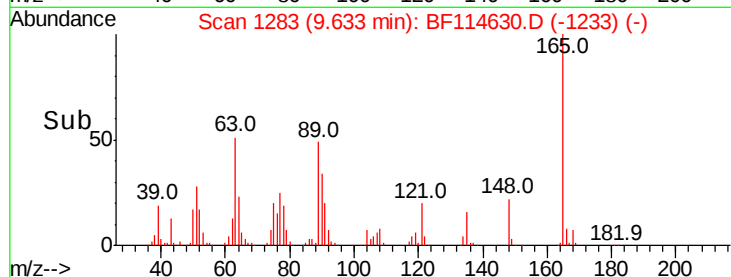
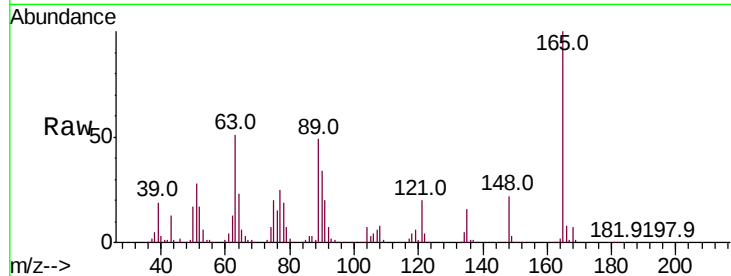
#51
 2,6-Dinitrotoluene
 Concen: 41.451 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	165	Resp:	182051
Ion Ratio	Lower	Upper	
165	100		
63	50.6	50.2	75.4
89	49.1	46.6	69.8

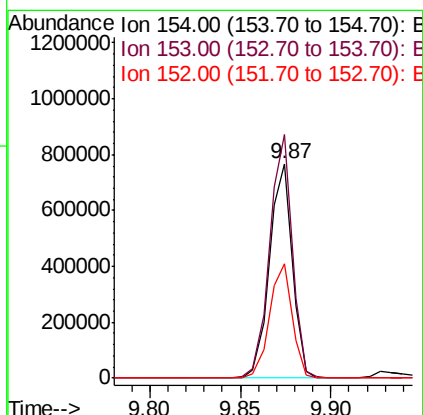
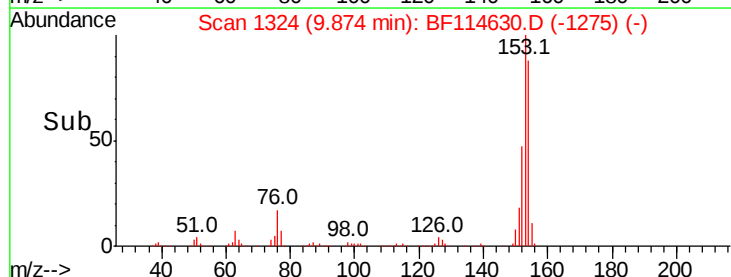
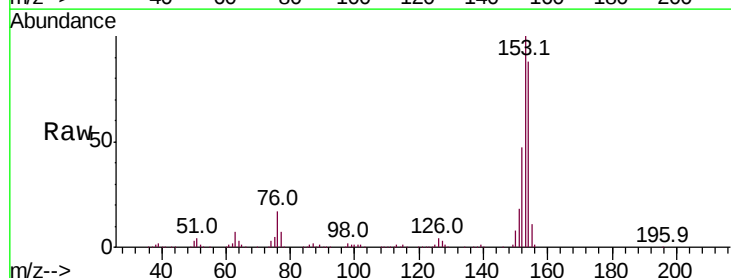
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#52
 Acenaphthene
 Concen: 41.167 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion:	154	Resp:	673814
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.5	135.7
152	53.5	43.4	65.2





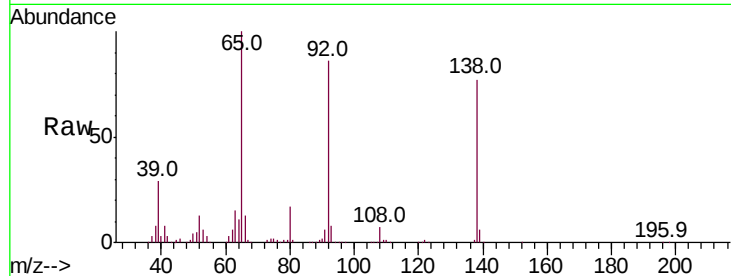
#53
3-Nitroaniline
Concen: 40.958 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	111.4	91.2	136.8

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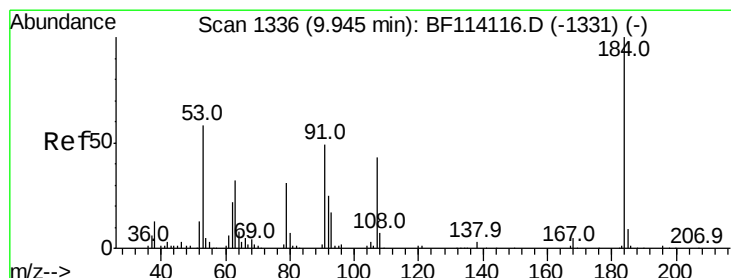
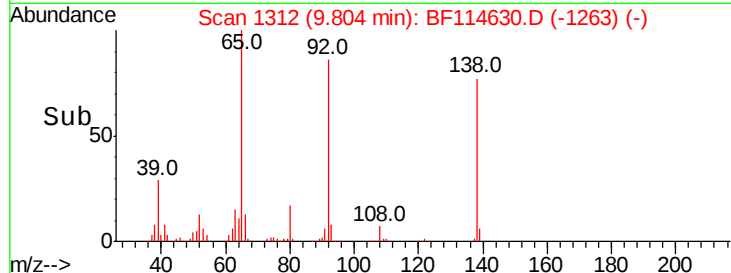
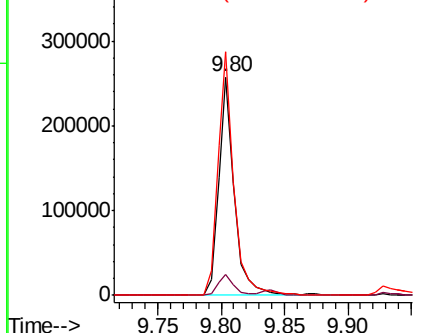


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 36.485 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

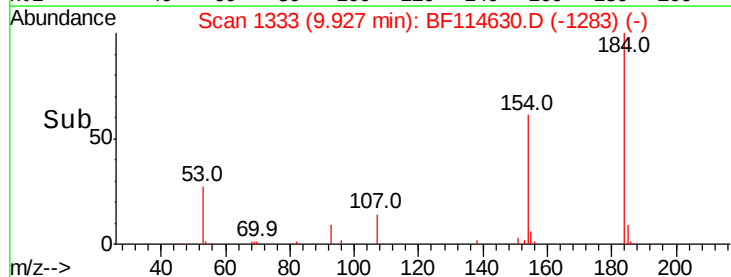
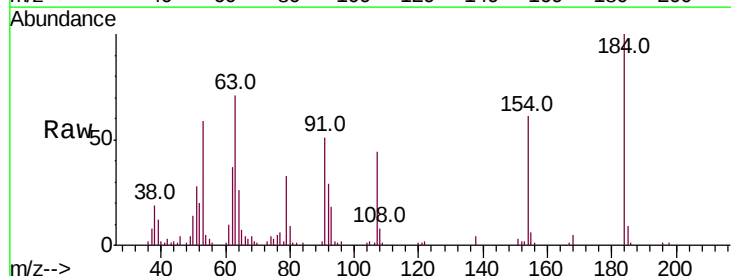
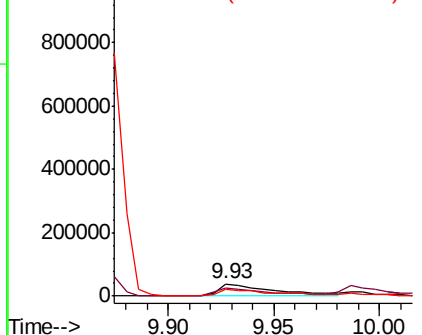
Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.7	55.6	83.4
154	61.0	46.0	69.0

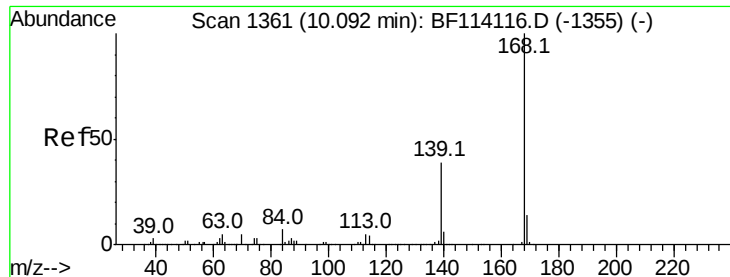
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





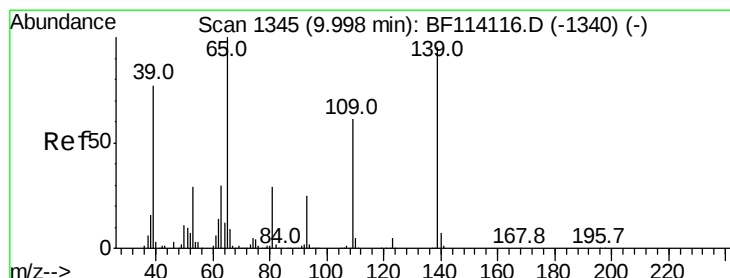
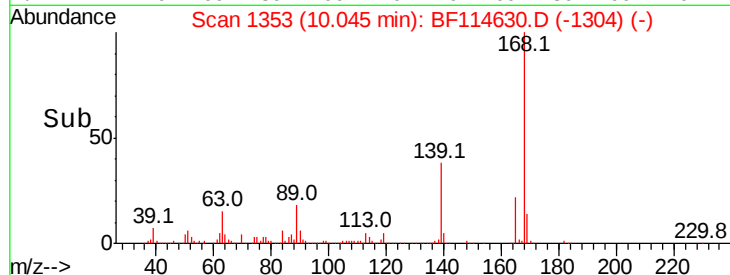
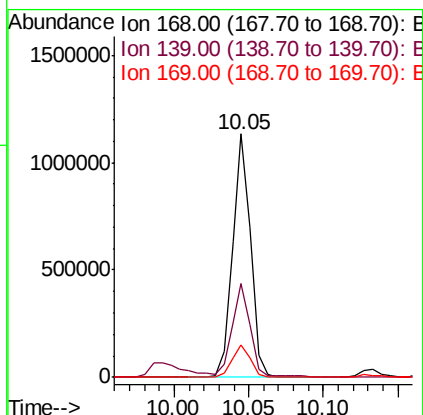
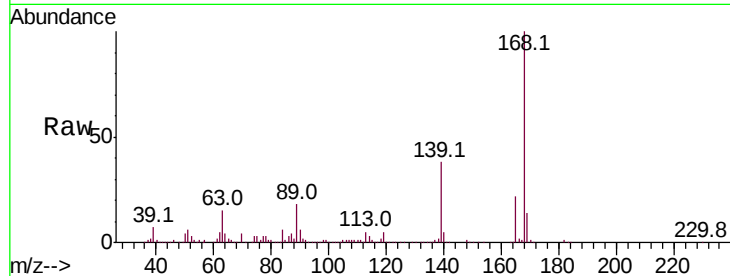
#55
Dibenzofuran
Concen: 40.109 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.1	46.7
169	13.6	11.4	17.0

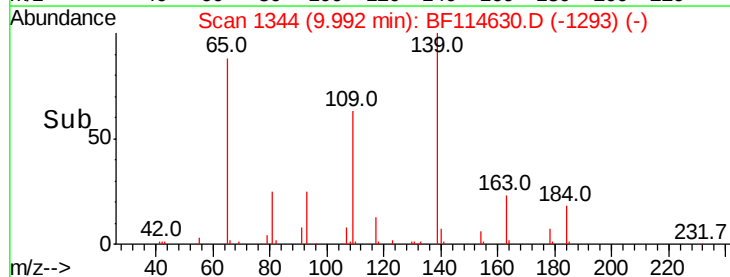
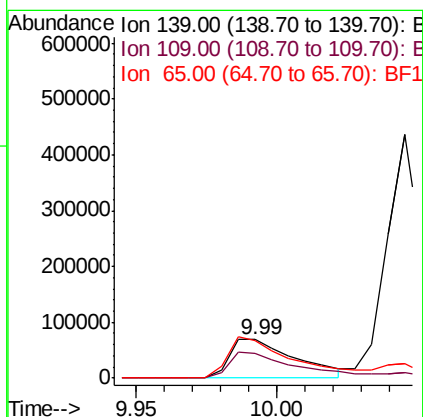
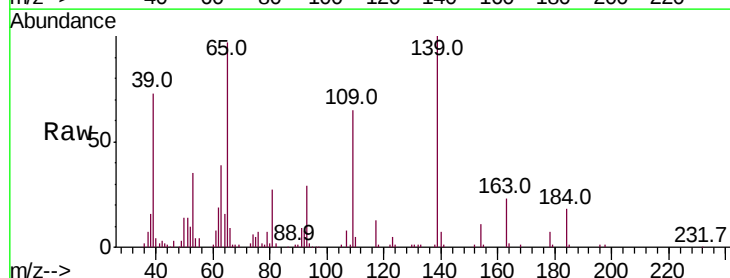
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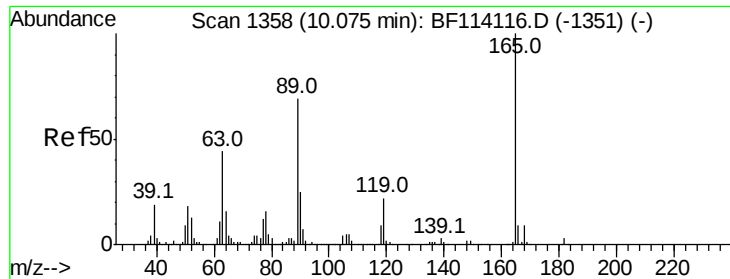
mohammad
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#56
4-Nitrophenol
Concen: 28.992 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.9	43.9	83.9
65	96.6	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 37.913 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 226006

Ion Ratio Lower Upper

165 100

63 67.6 35.5 53.3#

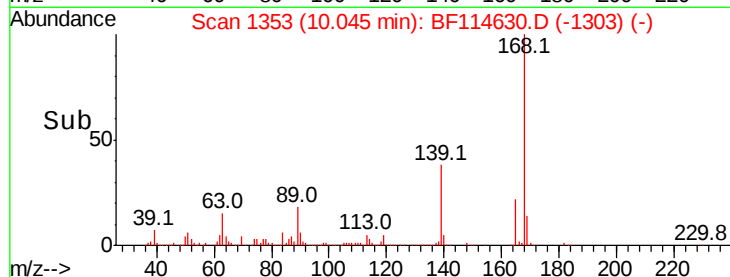
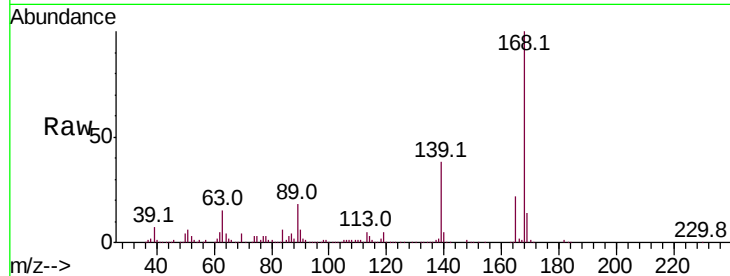
89 80.1 55.2 82.8

182 2.4 2.2 3.2

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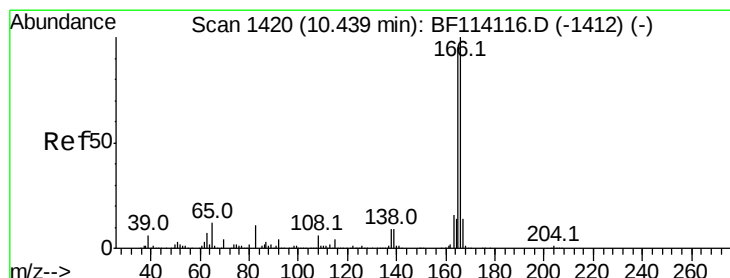
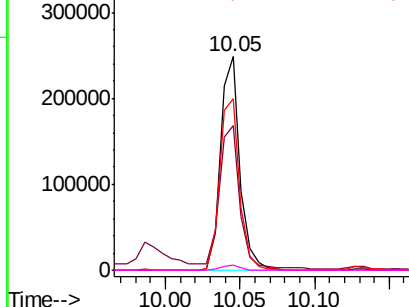


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.906 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

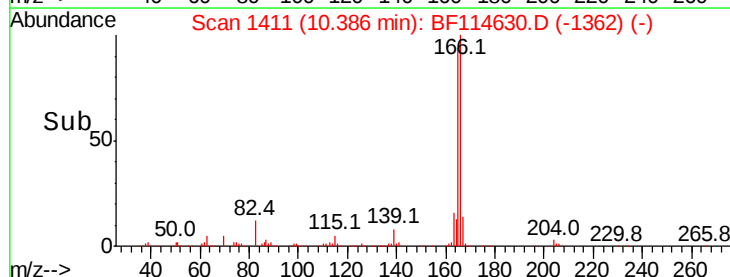
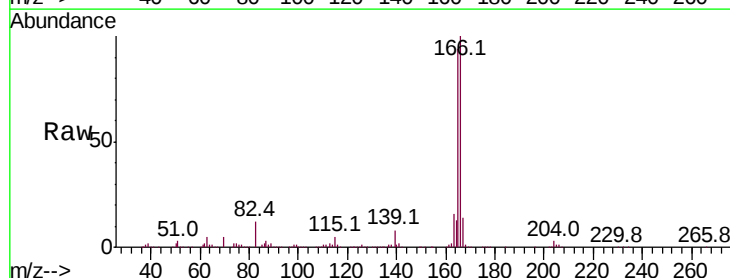
Tgt Ion:166 Resp: 795421

Ion Ratio Lower Upper

166 100

165 93.9 76.1 114.1

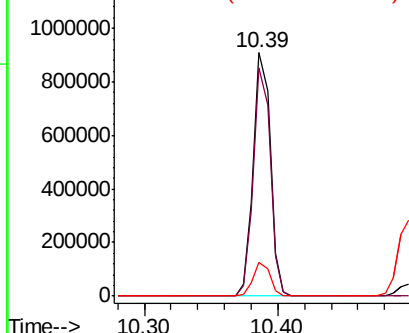
167 13.6 11.1 16.7

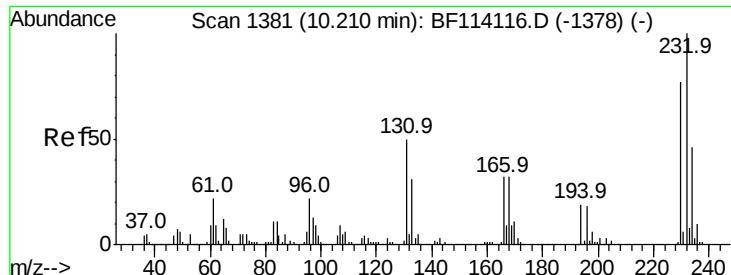


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





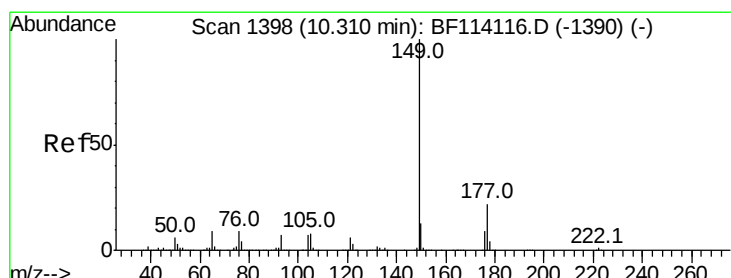
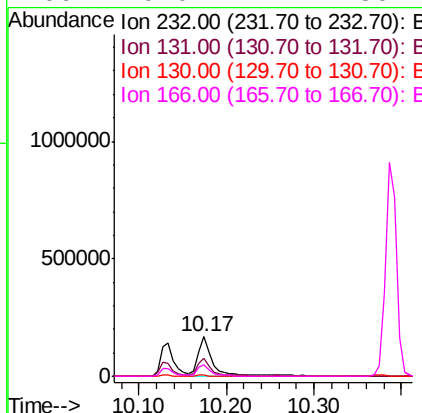
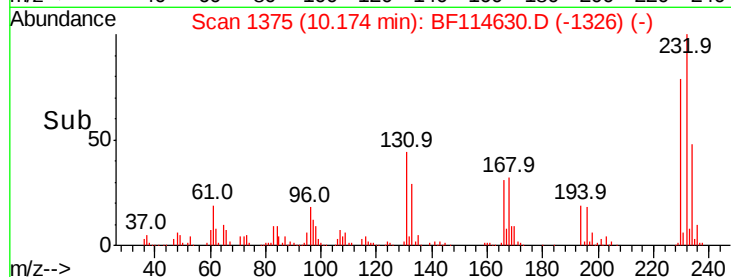
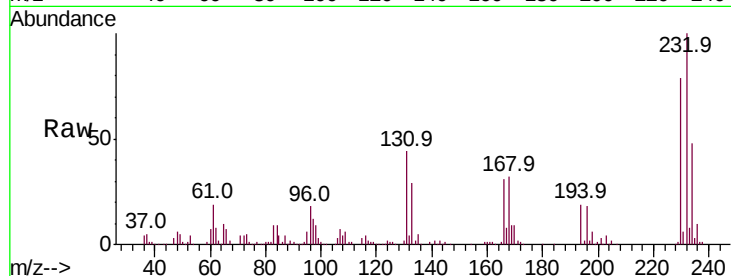
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.770 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
232	100	187839		
131	43.7		35.6	53.4
130	2.1		1.6	2.4
166	29.0		24.1	36.1

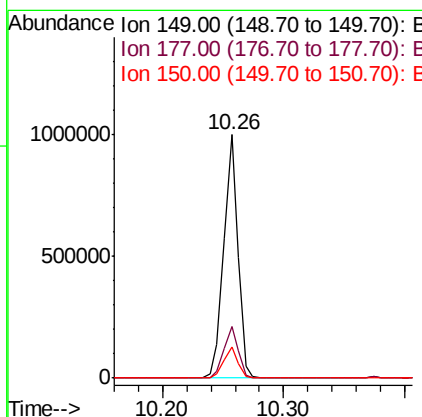
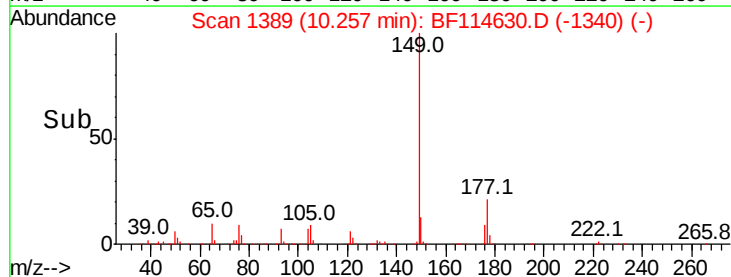
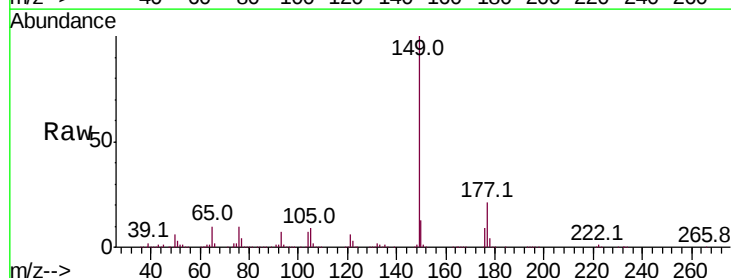
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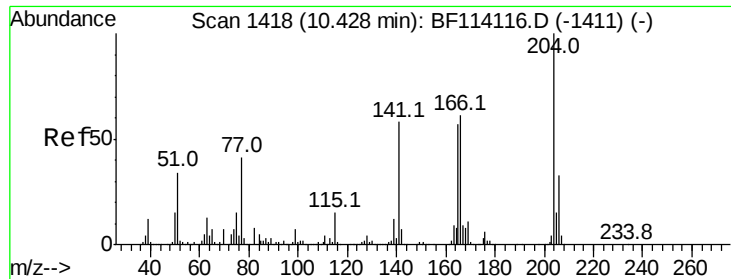
mohammad
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#60
 Diethylphthalate
 Concen: 40.190 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	808613		
177	21.2		17.8	26.6
150	12.8		10.2	15.2





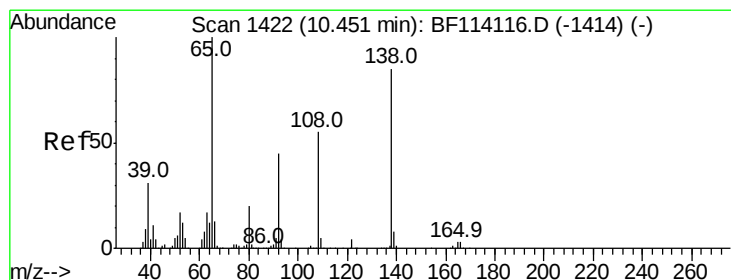
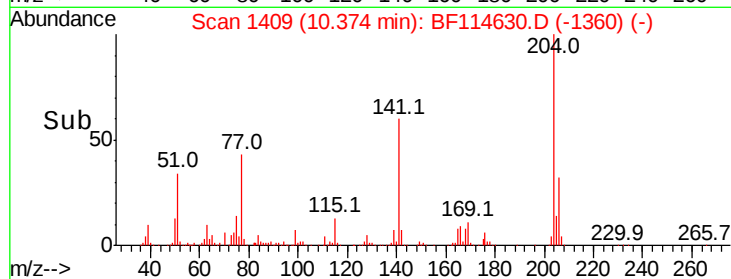
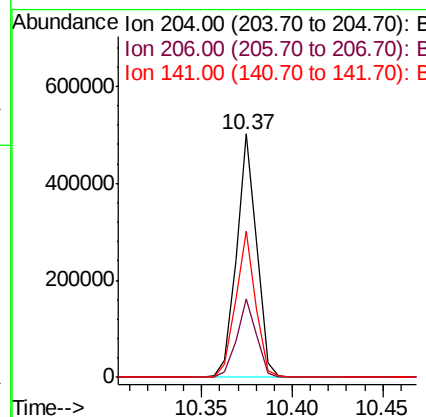
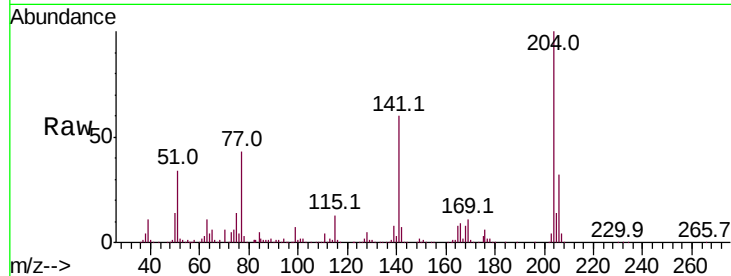
#61
4-Chlorophenyl-phenylether
Concen: 42.562 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	60.0	46.4	69.6

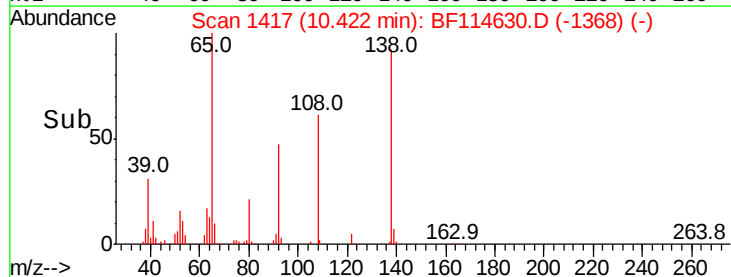
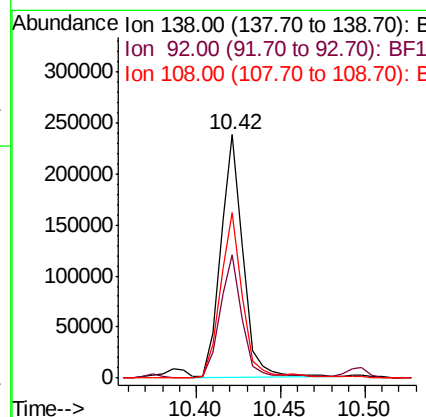
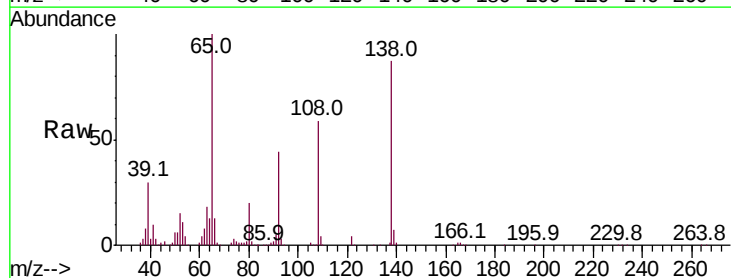
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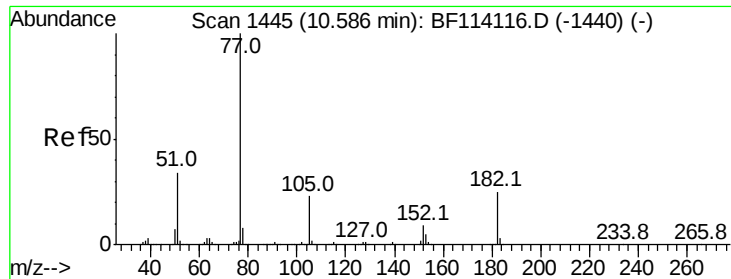
mohammad
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#62
4-Nitroaniline
Concen: 37.717 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	33.0	73.0
108	68.0	44.9	84.9





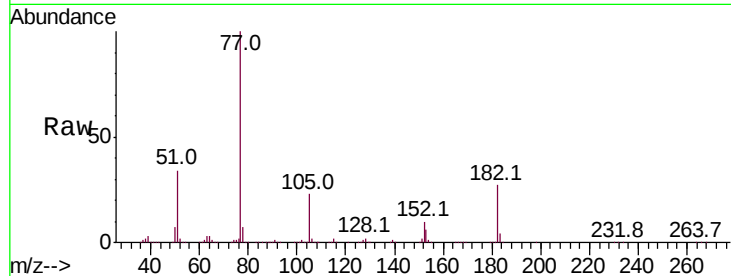
#63
Azobenzene
Concen: 39.627 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

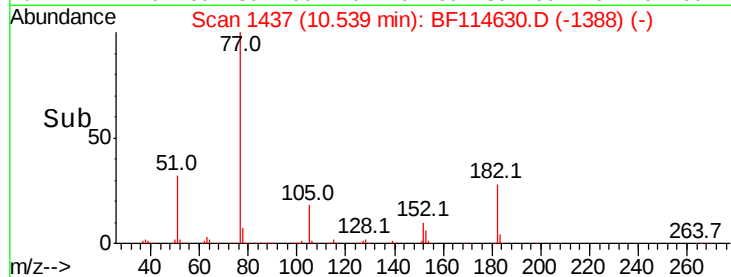
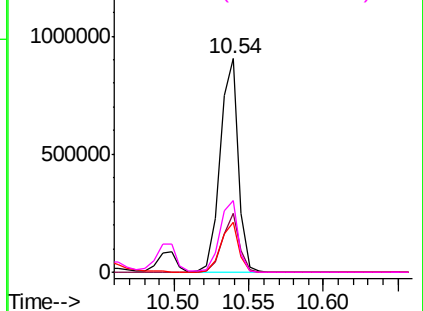
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	4.7	44.7
105	23.4	2.9	42.9
51	33.5	14.6	54.6

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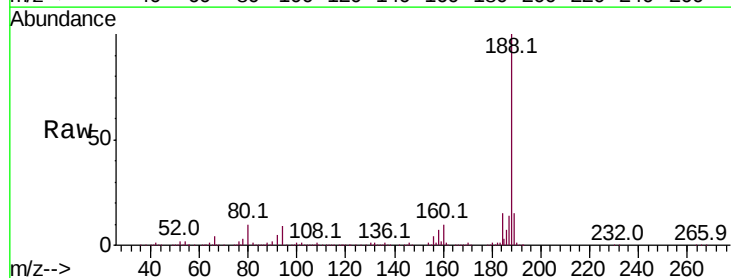
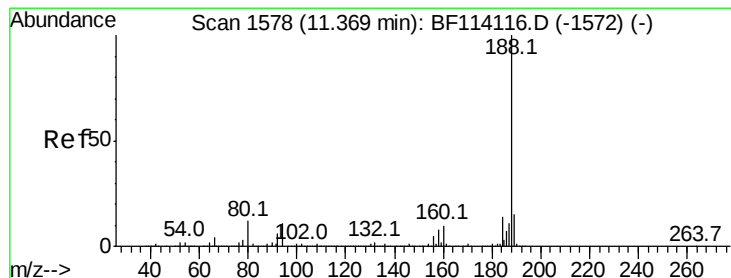
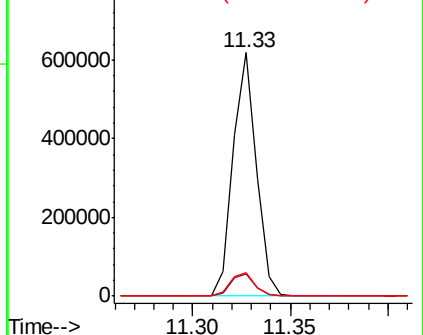
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

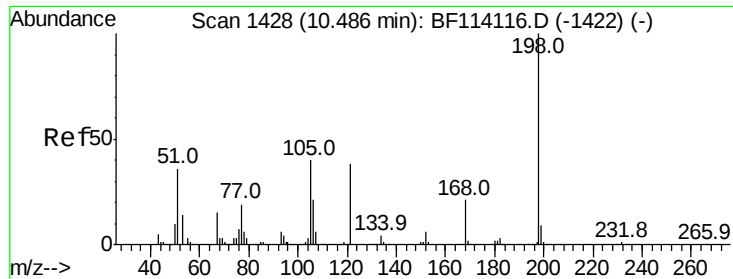


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.4	12.6
80	9.9	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.002 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

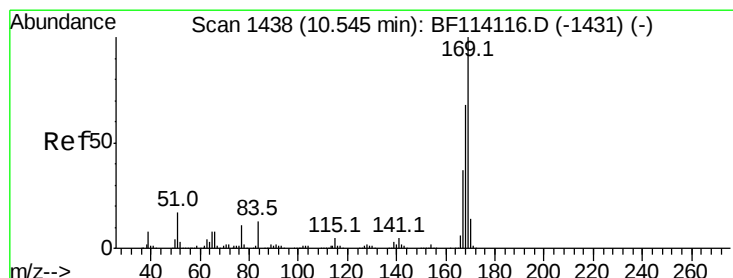
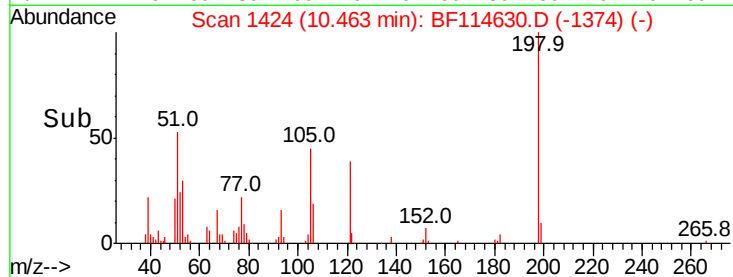
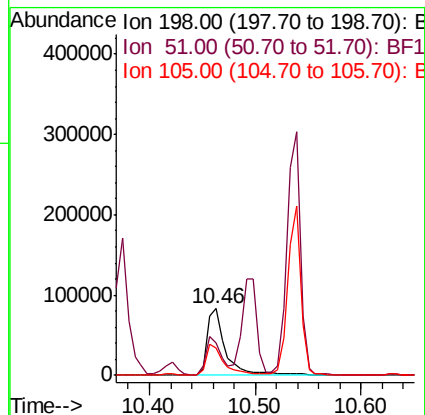
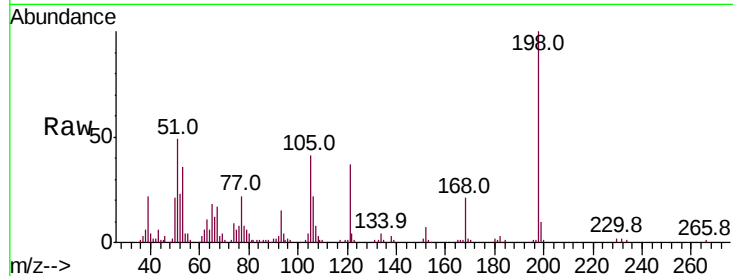
ClientSampleId :

SSTDCCC040EC

Tot Ion:	198	Resp:	103200
Ion Ratio	Lower	Upper	
198	100		
51	49.4	28.0	68.0
105	41.5	21.1	61.1

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#66

n-Nitrosodiphenylamine

Concen: 43.998 ng

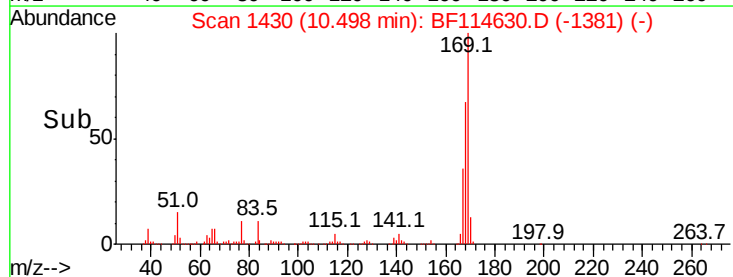
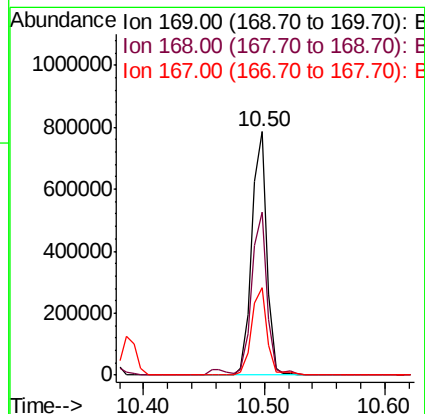
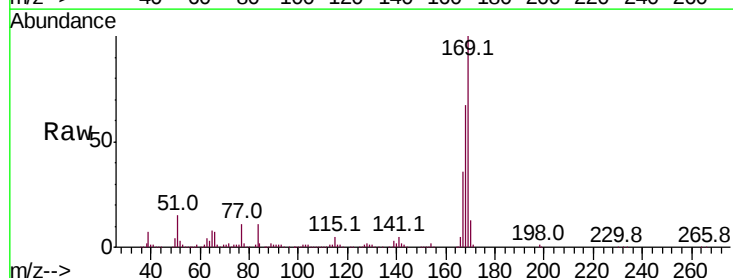
RT: 10.50 min Scan# 1430

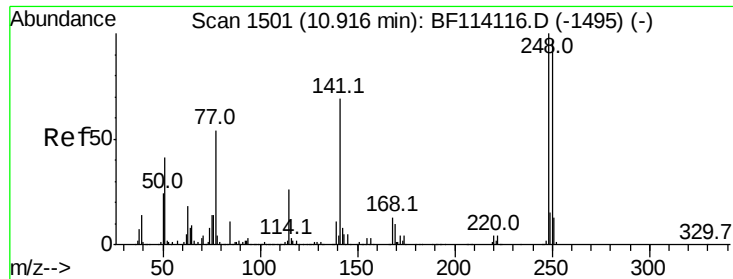
Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion:	169	Resp:	682815
Ion Ratio	Lower	Upper	
169	100		
168	66.9	54.2	81.2
167	36.2	29.8	44.8





#67

4-Bromophenyl-phenylether

Concen: 42.843 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

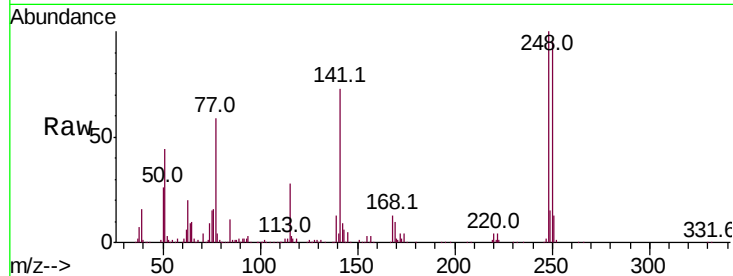
ClientSampleId :

SSTDCCC040EC

Tot Ion:	248	Resp:	241209
Ion Ratio	Lower	Upper	
248	100		
250	94.6	77.4	116.2
141	73.4	55.6	83.4

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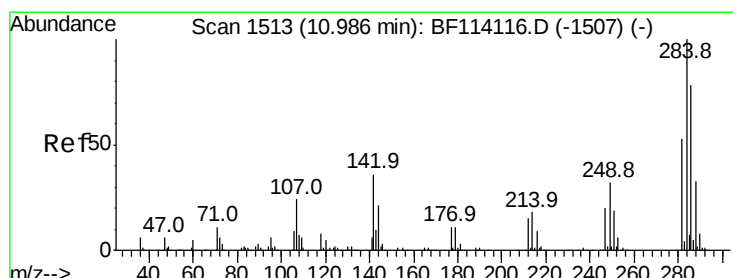
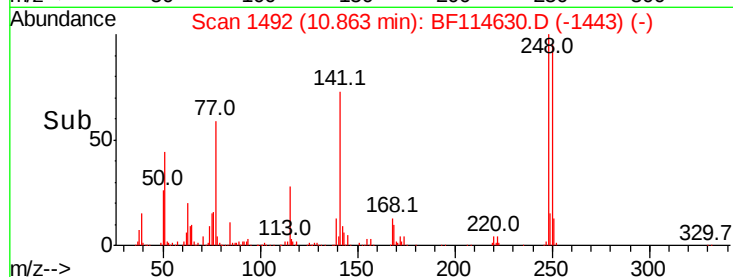
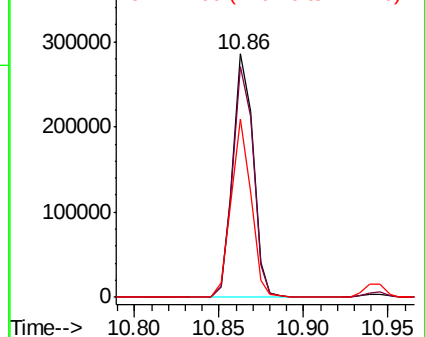


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 41.867 ng

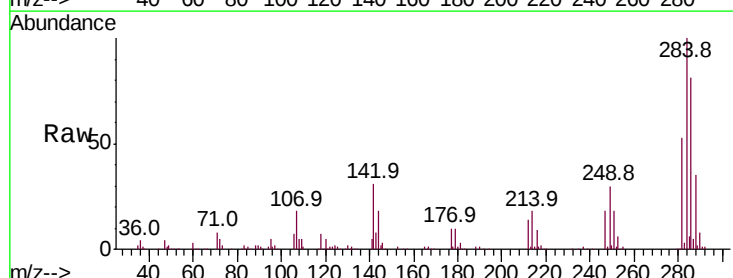
RT: 10.94 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion:	284	Resp:	260765
Ion Ratio	Lower	Upper	
284	100		
142	30.6	28.4	42.6
249	30.2	25.2	37.8

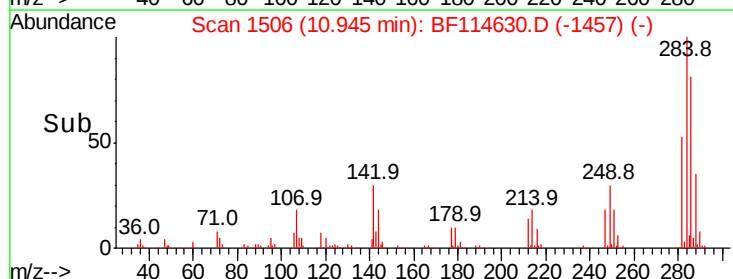
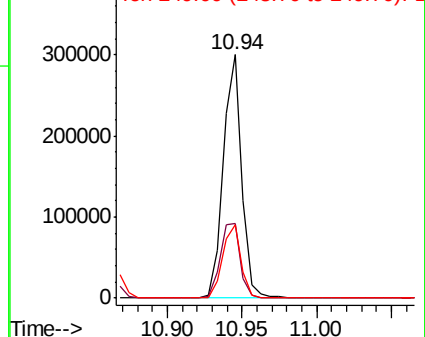


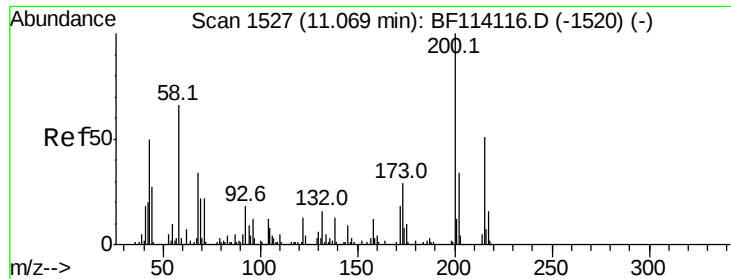
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





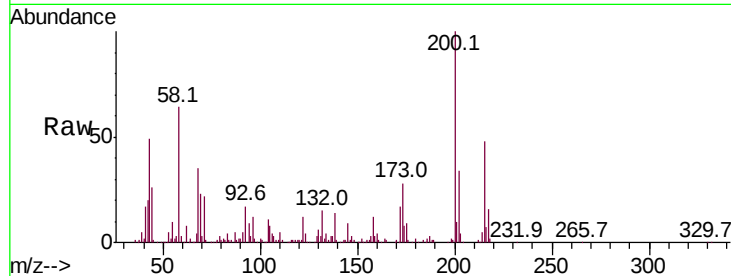
#69
Atrazine
Concen: 41.012 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.4	8.9	48.9	
215	48.0	30.7	70.7	

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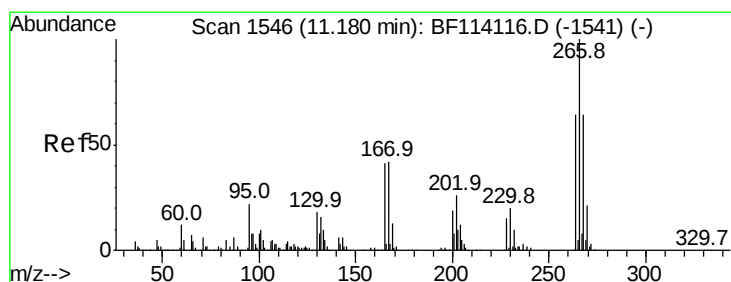
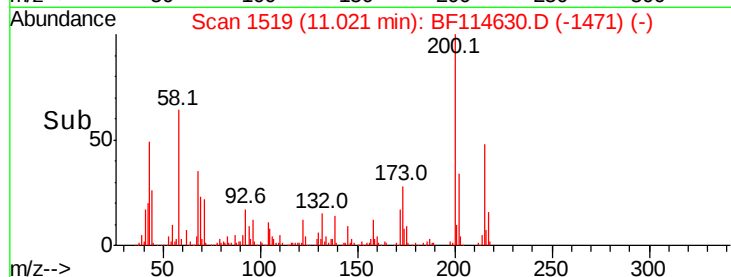
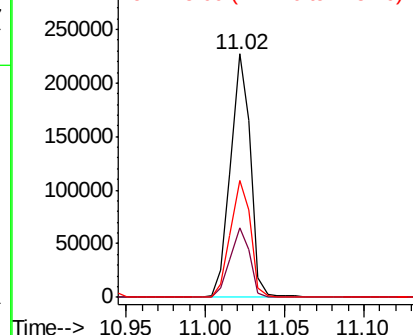


Abundance

Ion 200.00 (199.70 to 200.70): E

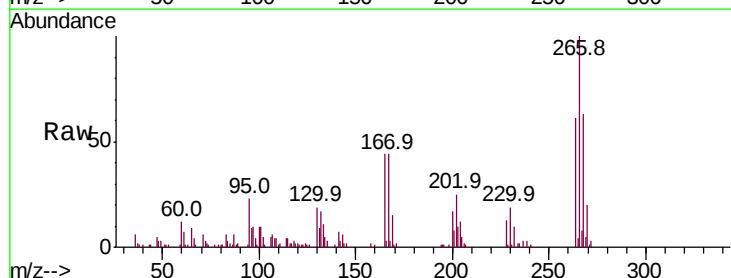
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 29.491 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.3	51.1	76.7	
264	60.8	51.1	76.7	

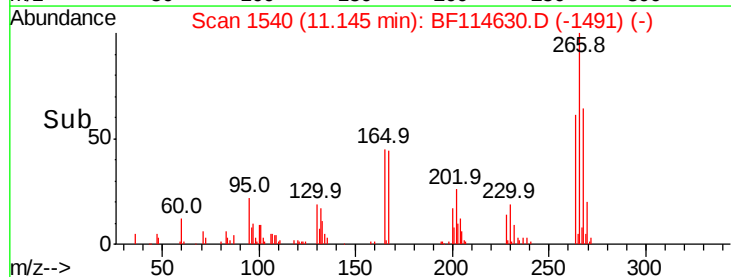
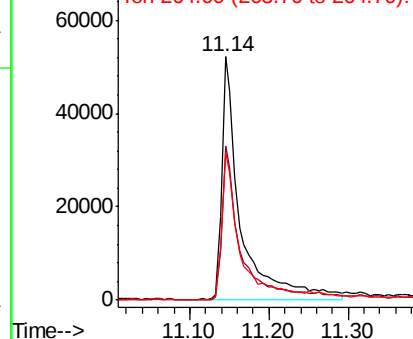


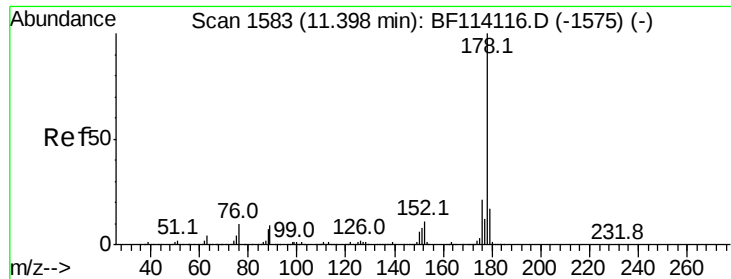
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





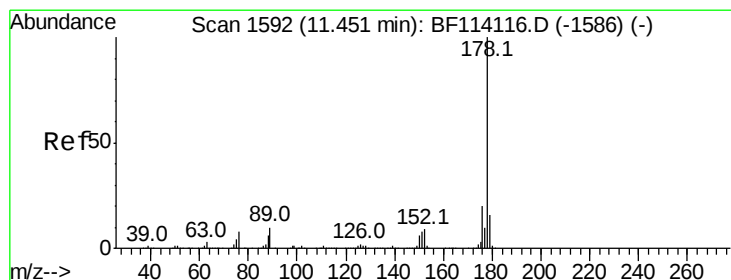
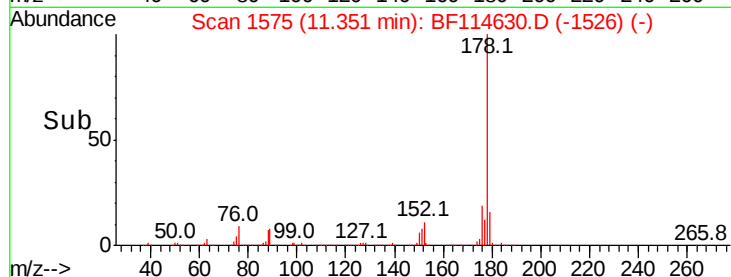
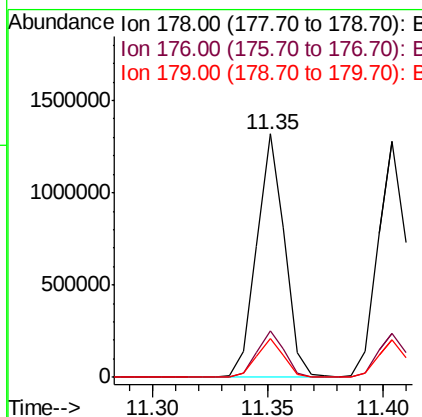
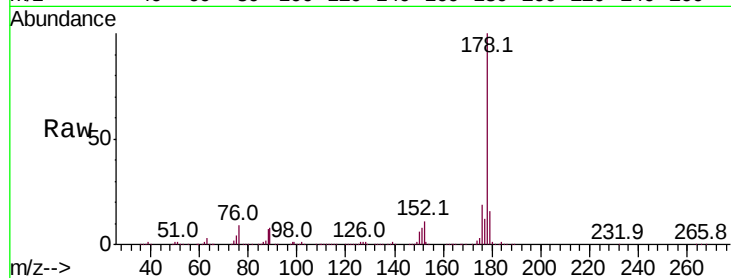
#71
Phenanthrene
Concen: 44.763 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.4	24.6
179	16.0	13.2	19.8

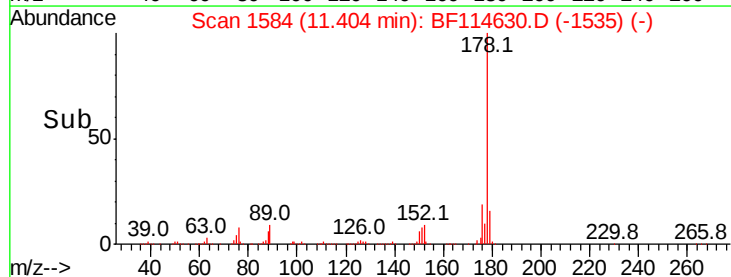
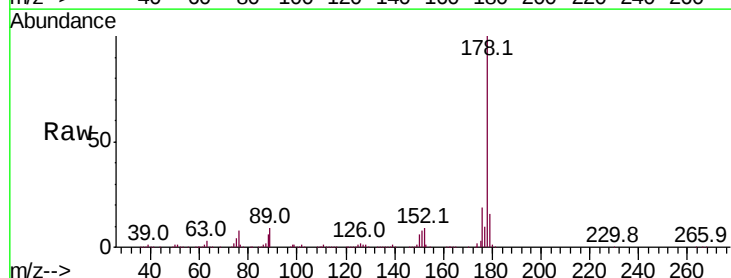
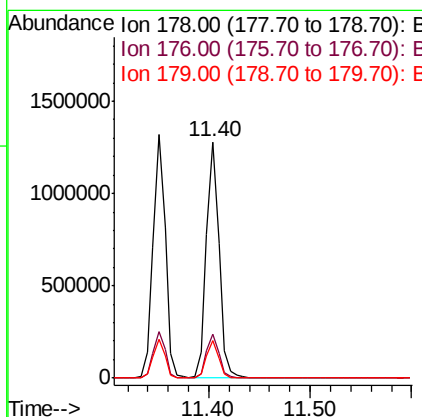
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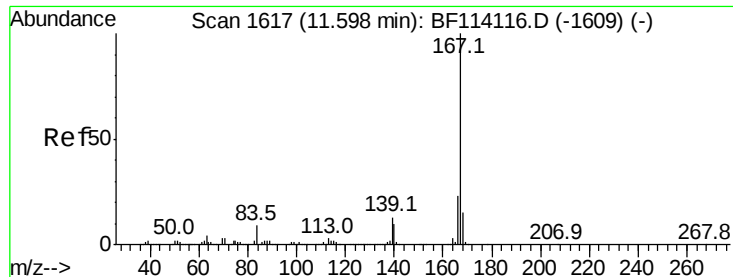
mohammad
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#72
Anthracene
Concen: 44.813 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	16.1	13.0	19.4





#73

Carbazole

Concen: 45.238 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:167 Resp: 1077910

Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

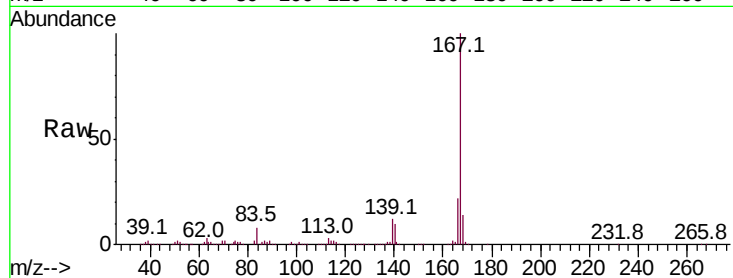
139 12.4 10.6 16.0

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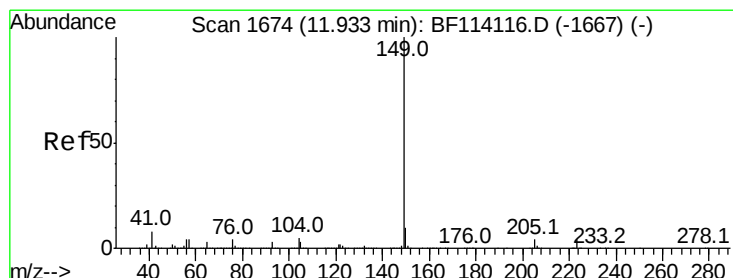
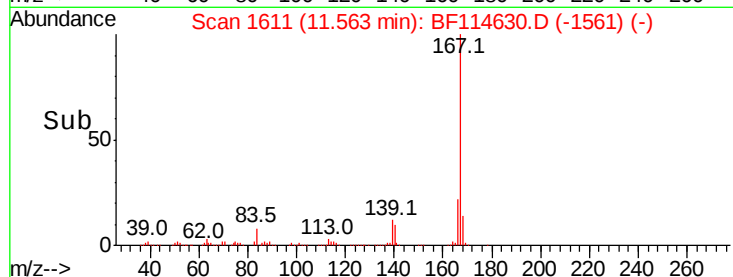
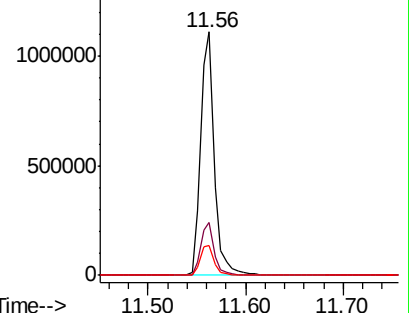
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Abundance Ion 167.00 (166.70 to 167.70): E

1500000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.453 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

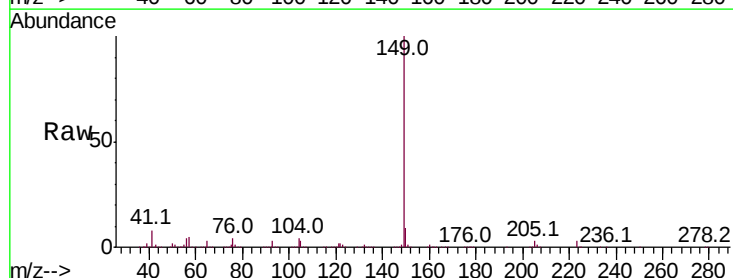
Tgt Ion:149 Resp: 1220285

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

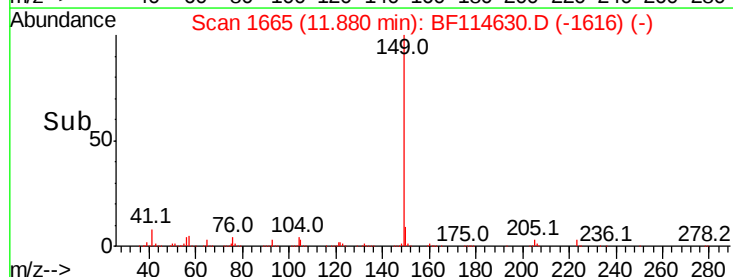
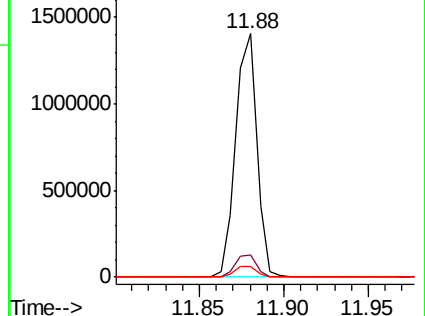
104 4.4 3.6 5.4

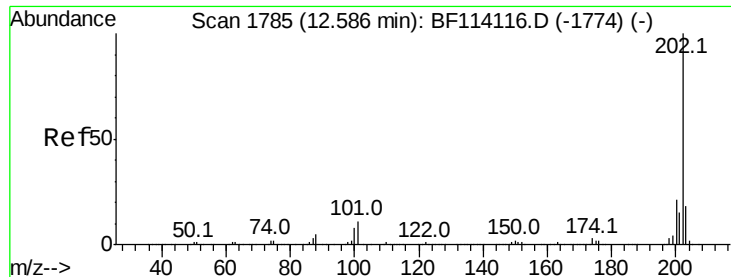


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





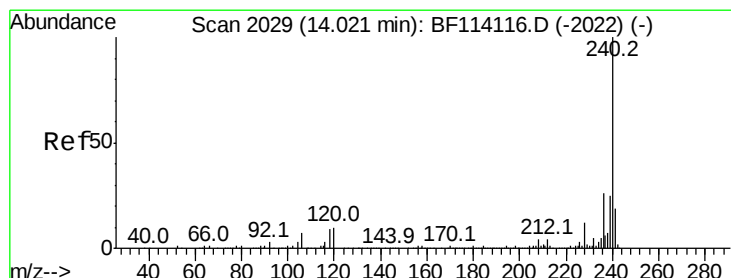
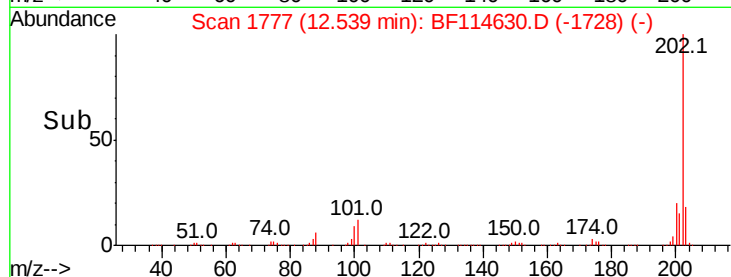
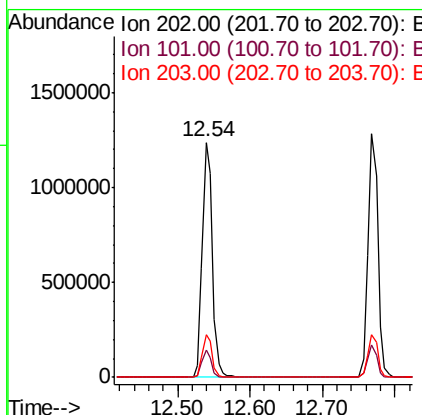
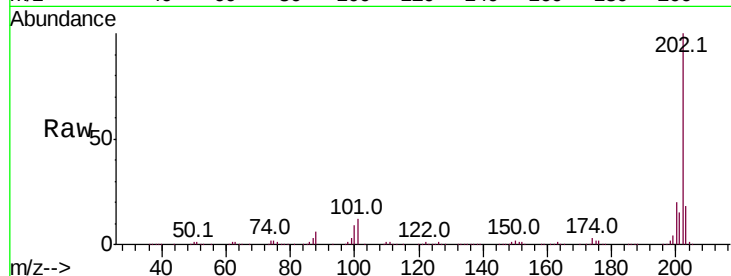
#75
 Fluoranthene
 Concen: 44.650 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1196160		
101	11.7	0.0	31.0	
203	18.1	0.0	38.4	

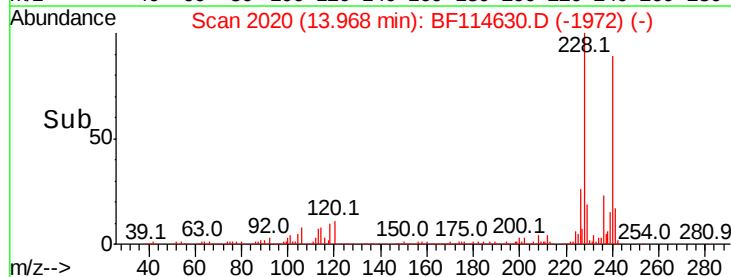
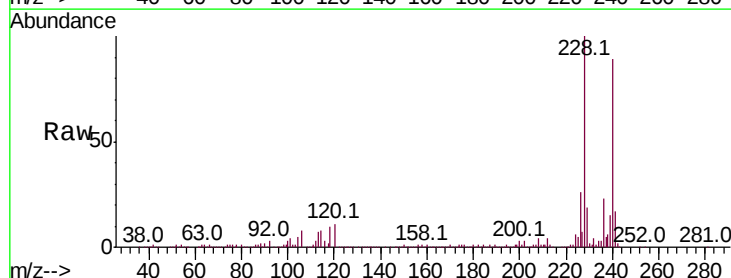
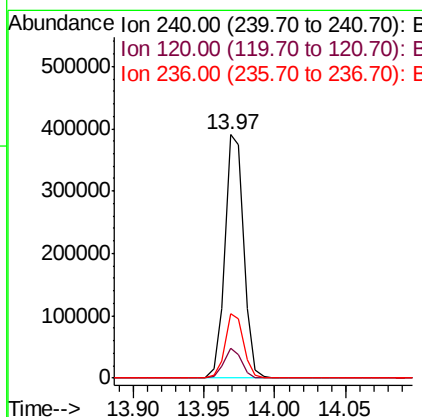
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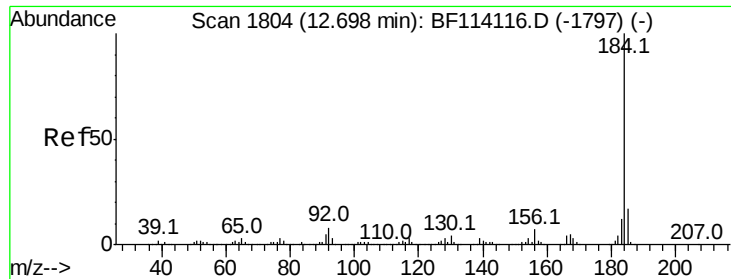
mohammad
 5/27/2019 3:50:51 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	361132		
120	12.5	8.3	12.5#	
236	26.2	20.8	31.2	





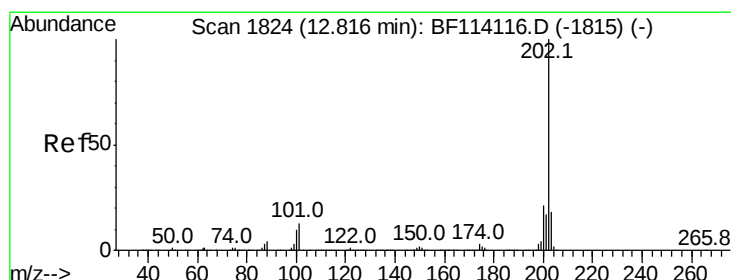
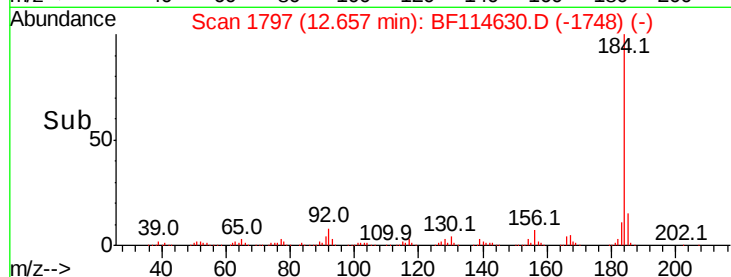
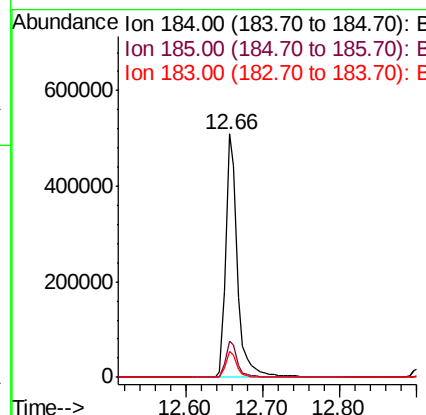
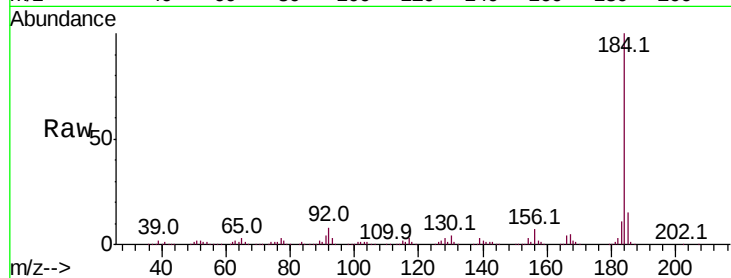
#77
Benzidine
Concen: 33.174 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.6	20.4
183	10.7	9.2	13.8

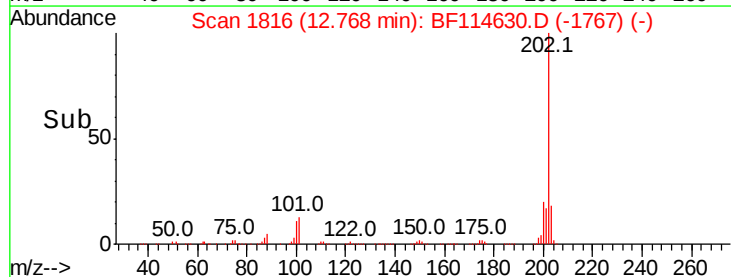
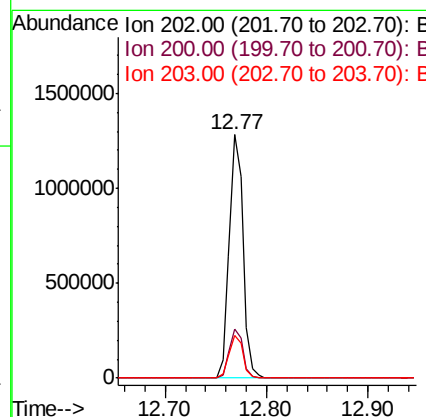
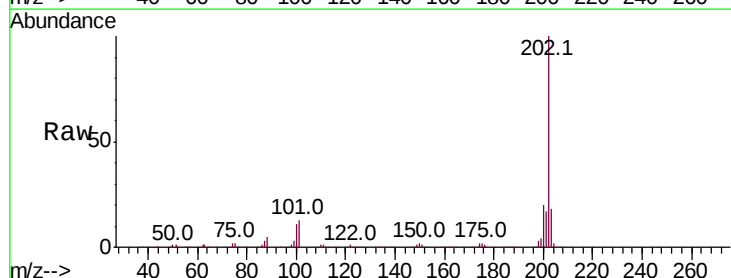
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#78
Pyrene
Concen: 41.713 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.7	14.5	21.7





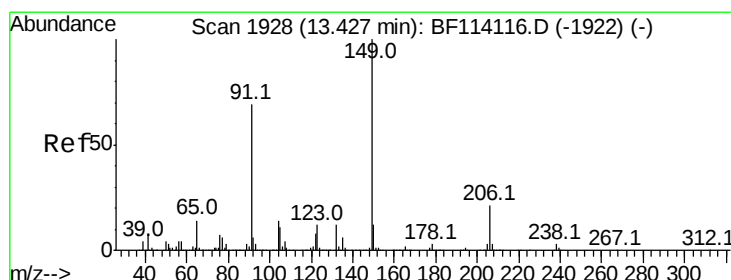
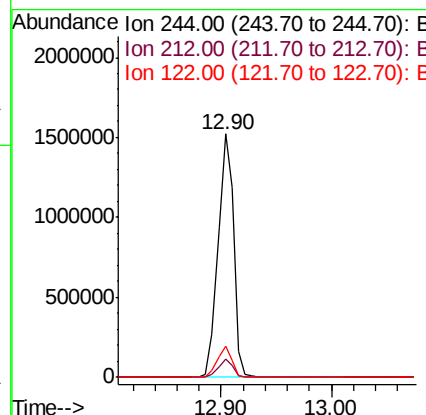
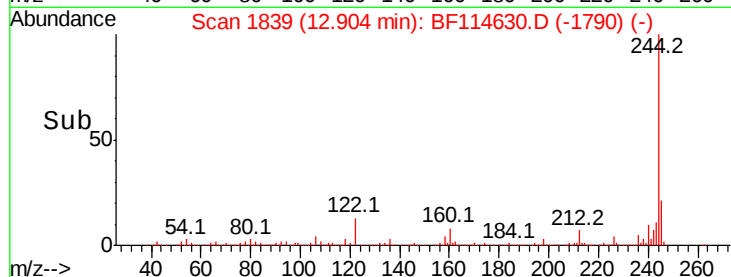
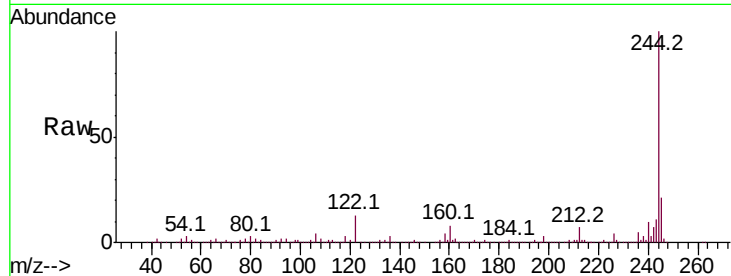
#79
 Terphenyl-d14
 Concen: 83.597 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	13.0	9.4	14.2

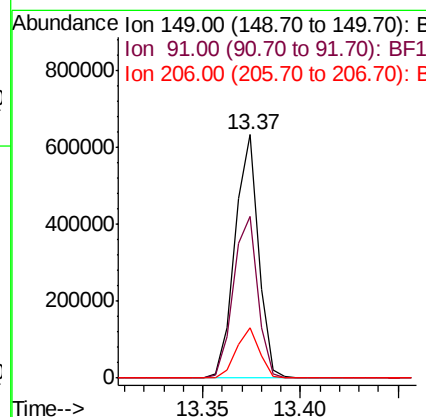
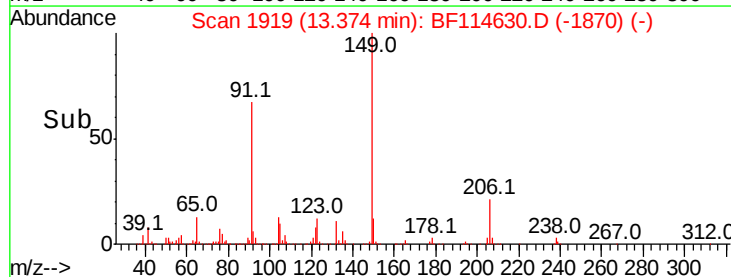
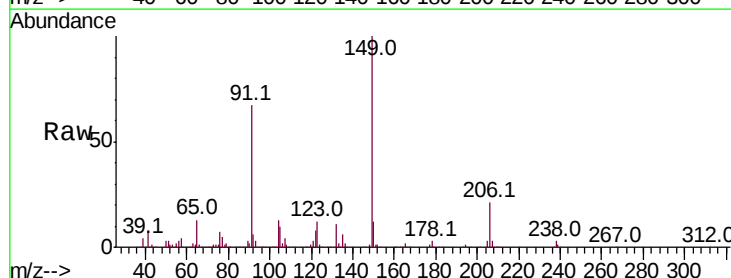
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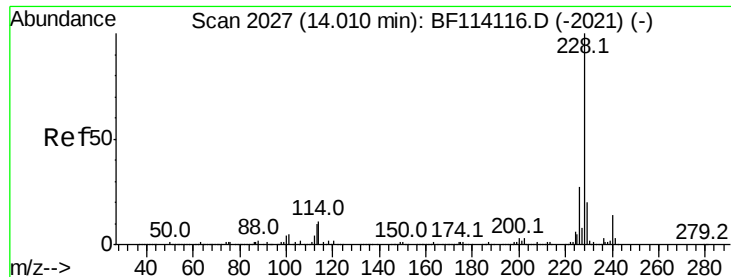
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#80
 Butylbenzylphthalate
 Concen: 43.423 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.6	55.0	82.4
206	20.8	16.9	25.3





#81

Benzo(a)anthracene

Concen: 44.809 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

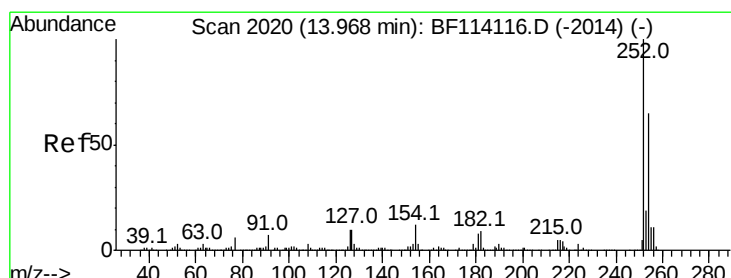
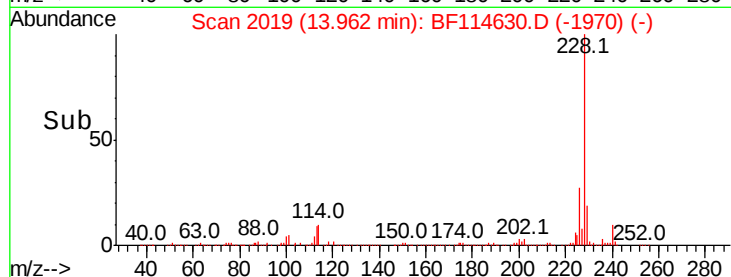
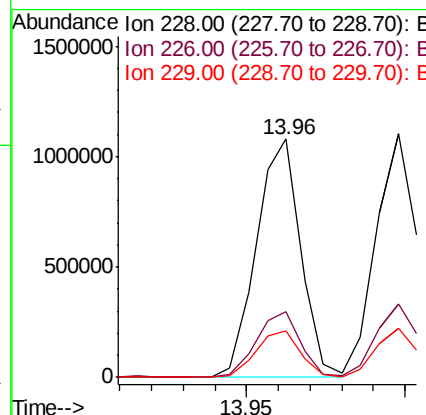
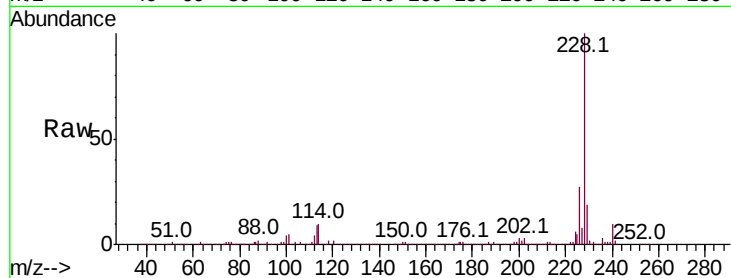
ClientSampleId :

SSTDCCC040EC

Tot Ion:	228	Resp:	1046641
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.2	33.2
229	19.3	16.4	24.6

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#82

3,3'-Dichlorobenzidine

Concen: 44.325 ng

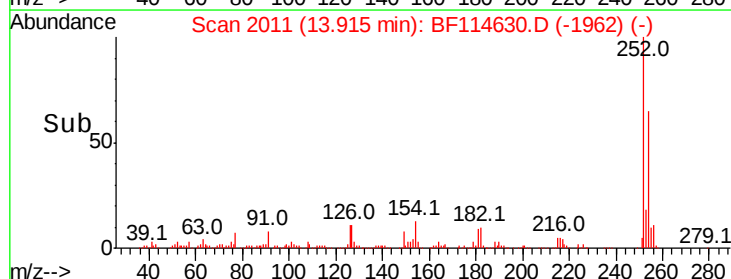
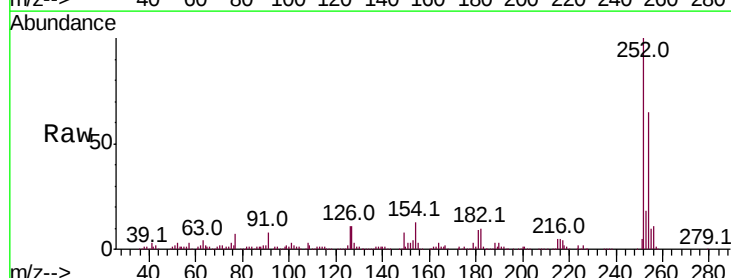
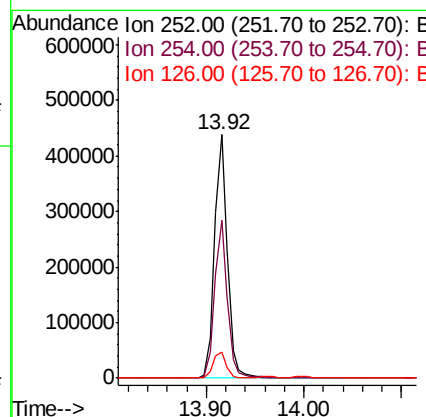
RT: 13.92 min Scan# 2011

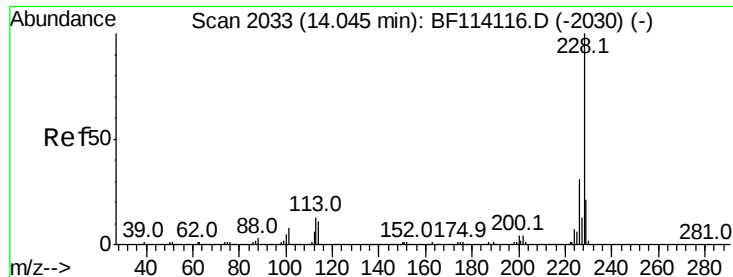
Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion:	252	Resp:	401633
Ion Ratio	Lower	Upper	
252	100		
254	64.8	51.9	77.9
126	10.9	7.9	11.9





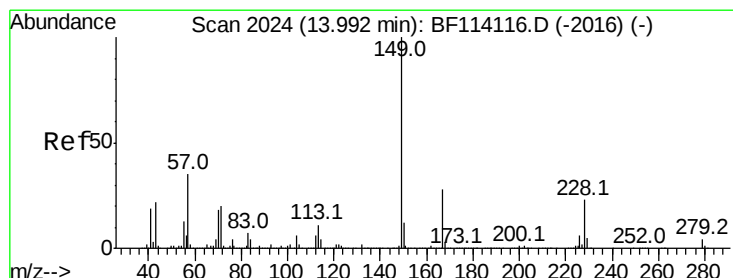
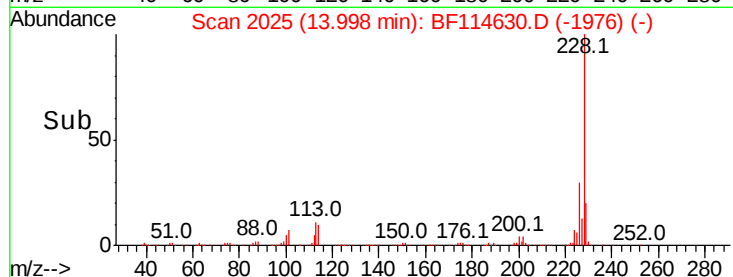
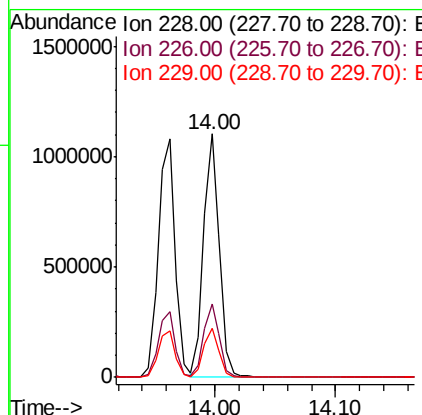
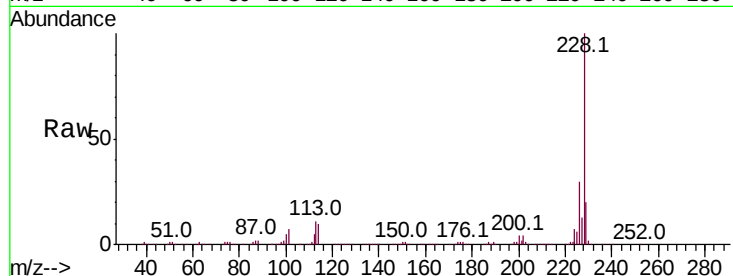
#83
 Chrvsene
 Concen: 43.743 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.9	17.0	25.6

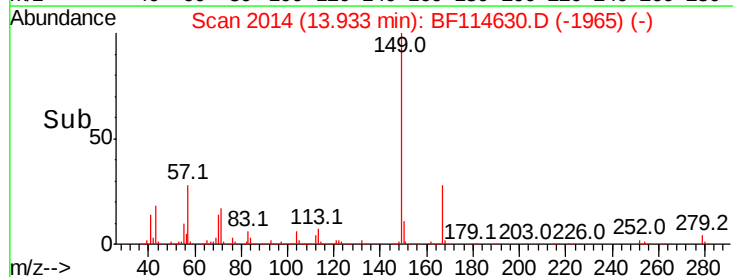
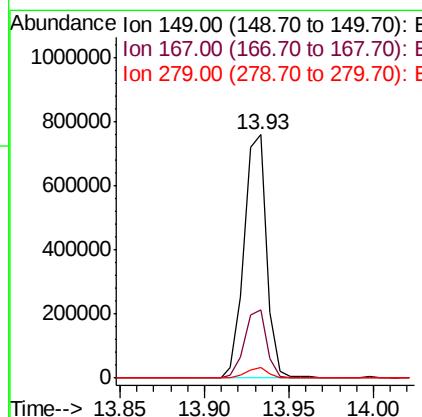
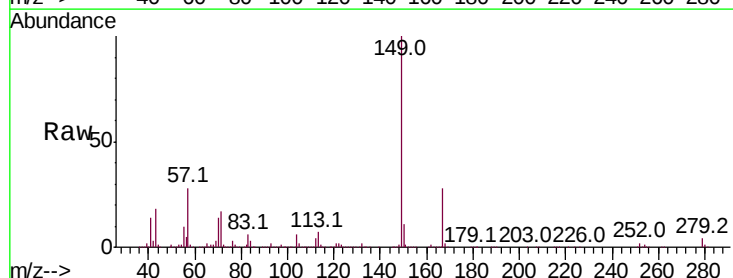
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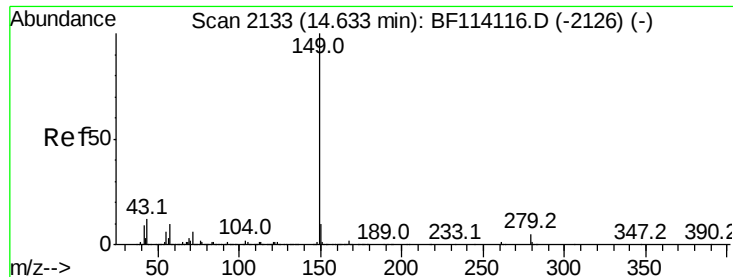
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.393 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	33.8
279	4.3	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 43.920 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1138618

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

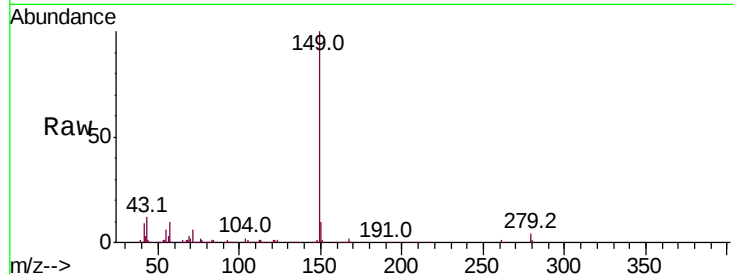
43 12.0 10.1 15.1

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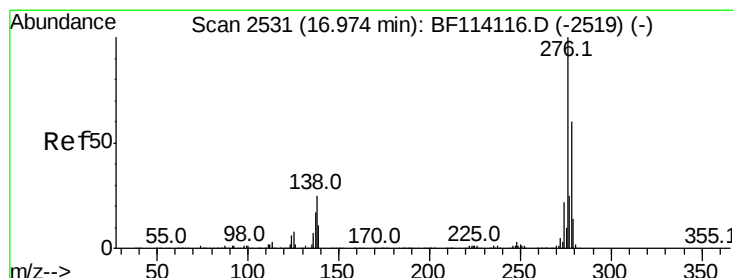
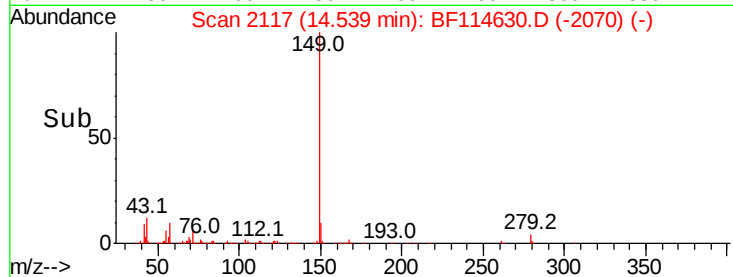
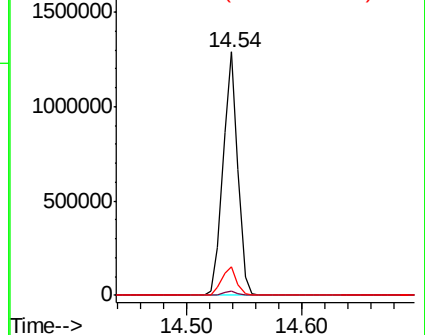
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.631 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

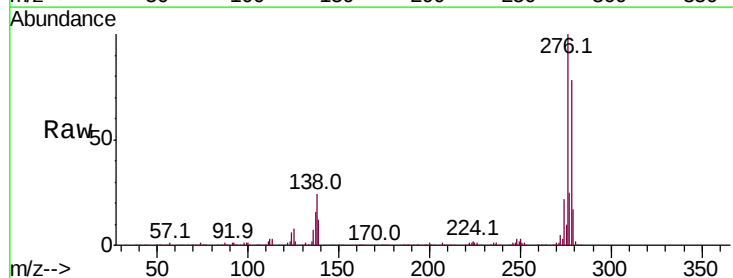
Tgt Ion:276 Resp: 943624

Ion Ratio Lower Upper

276 100

138 24.6 20.2 30.2

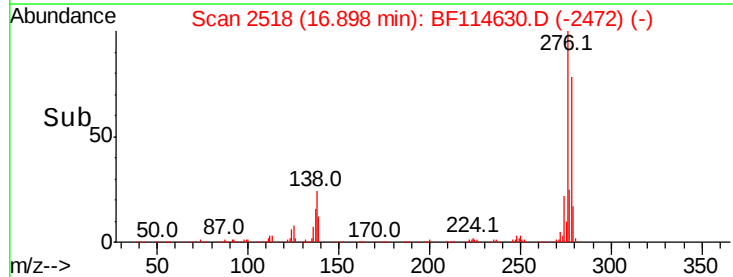
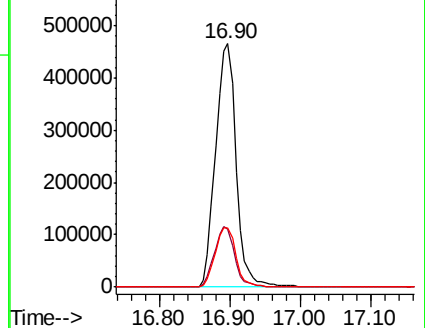
277 25.0 20.0 30.0

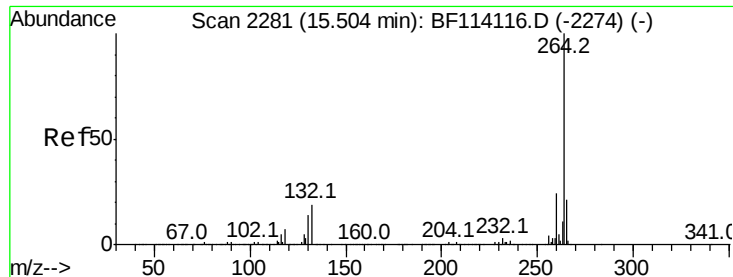


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

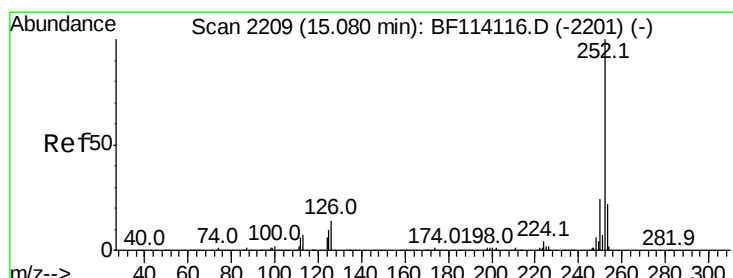
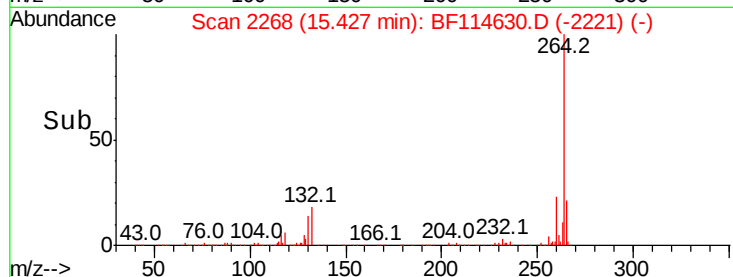
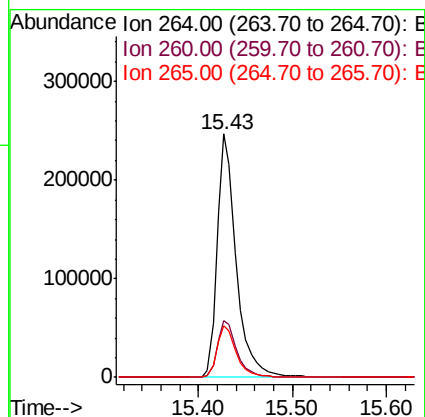
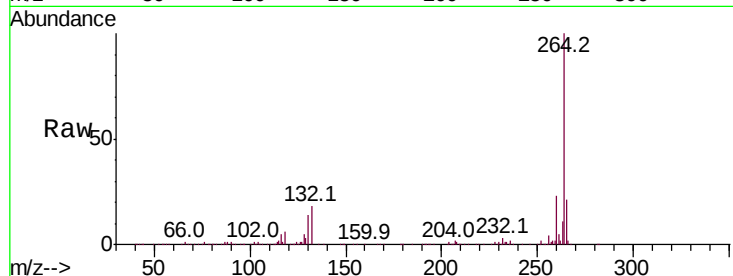
ClientSampleId :

SSTDCCC040EC

Tot Ion:	264	Resp:	352385
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.4	29.0
265	21.5	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 43.040 ng

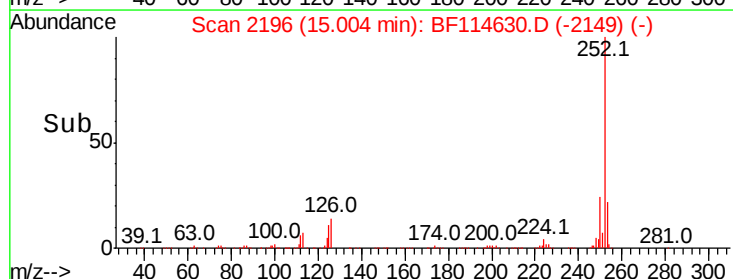
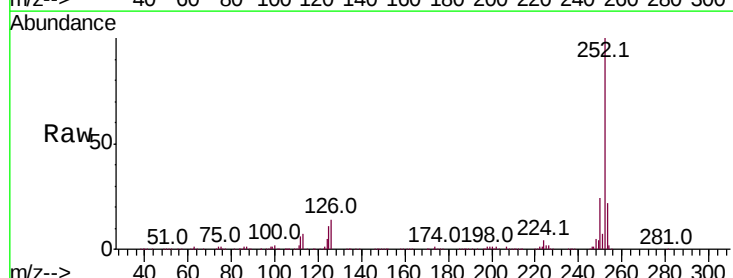
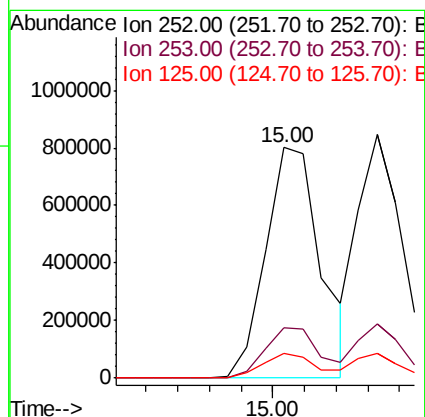
RT: 15.00 min Scan# 2196

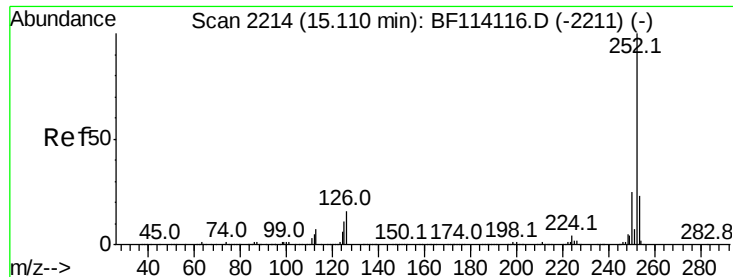
Delta R.T. -0.02 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion:	252	Resp:	971654
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.8
125	10.8	8.3	12.5





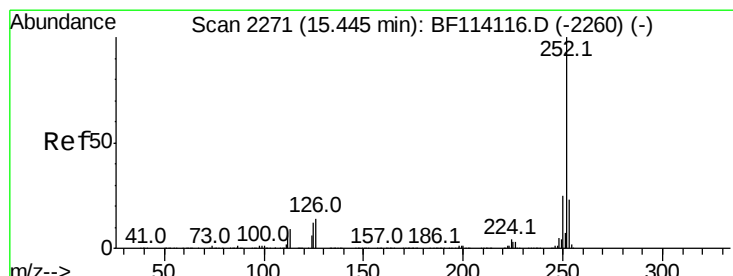
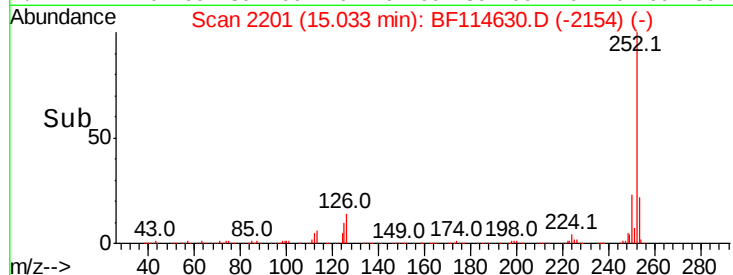
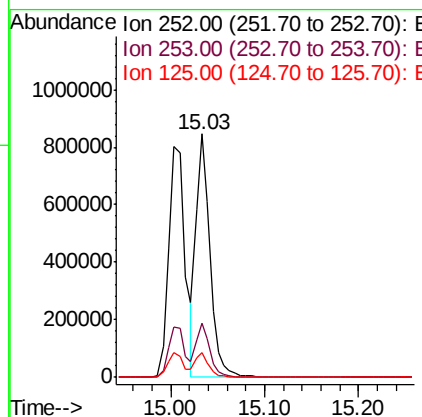
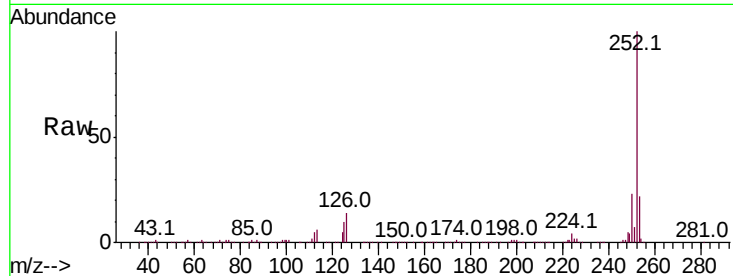
#89
Benzo(k)fluoranthene
Concen: 41.954 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.1	8.6	13.0

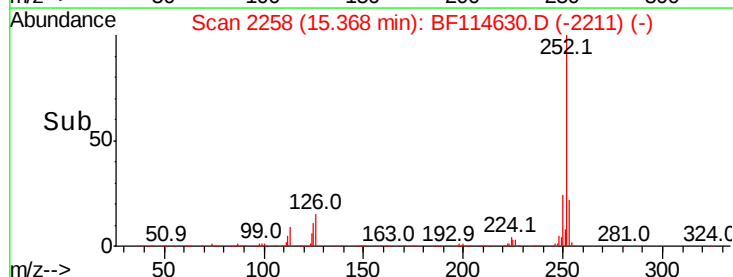
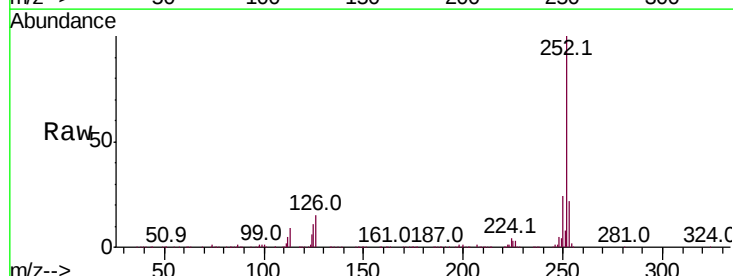
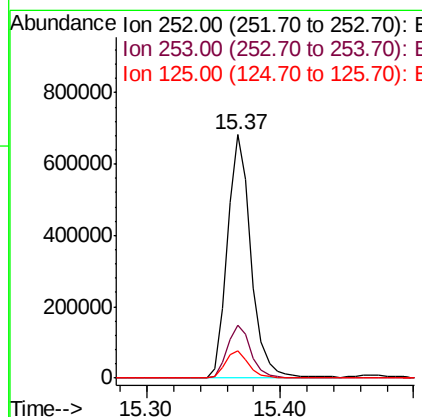
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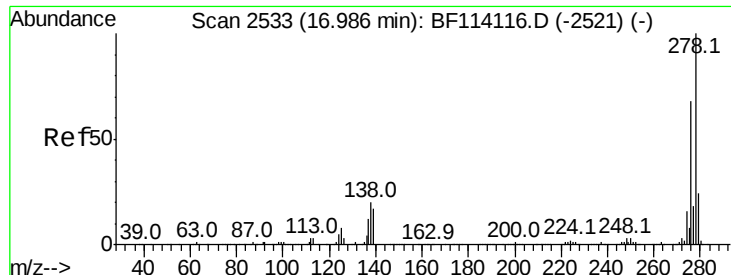
mohammad
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#90
Benzo(a)pyrene
Concen: 42.798 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.4	9.5	14.3





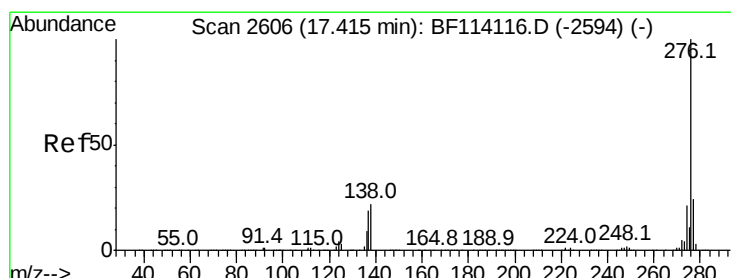
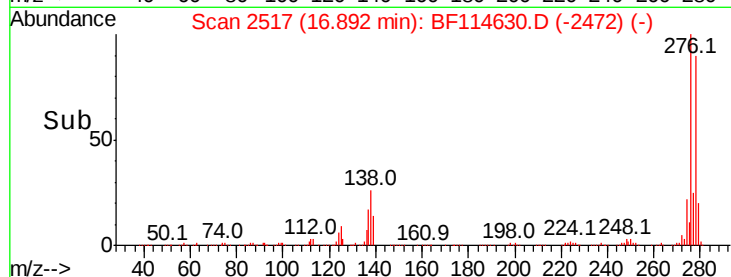
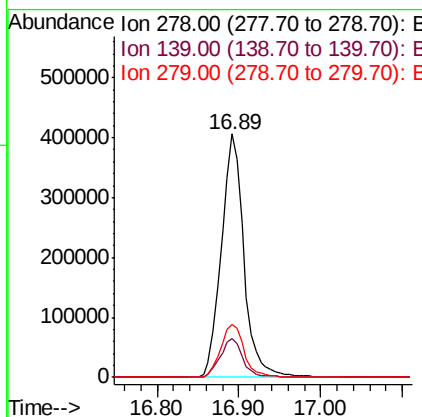
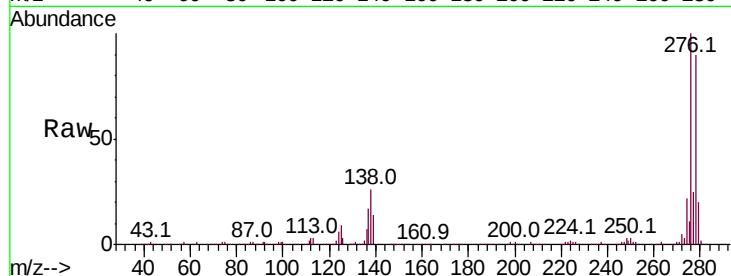
#91
 Dibenzo(a,h)anthracene
 Concen: 47.221 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.04 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.5	20.3
279	21.8	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:50:51 AM



#92
 Benzo(g,h,i)perylene
 Concen: 47.923 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. -0.04 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	21.3	17.8	26.6

