

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120404.D
 Acq On : 28 May 2020 13:15
 Operator : MA/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Manual Integrations
 APPROVED

mohammad
 5/29/2020 10:27:54 PM

Quant Time: May 28 13:55:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	267471	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1015892	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	537391	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1014826	20.00	ng	0.00
76) Chrysene-d12	14.00	240	734960	20.00	ng	0.00
86) Perylene-d12	15.44	264	680872	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1060960	75.59	ng	0.00
7) Phenol-d6	6.46	99	1341329	77.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	1209155	77.86	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	388938	78.11	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2193374	69.25	ng	0.00
79) Terphenyl-d14	12.94	244	2435405	73.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	265292	38.159	ng	100
3) Pyridine	3.33	79	606765	31.512	ng	98
4) n-Nitrosodimethylamine	3.29	42	310150	38.062	ng	97
6) Aniline	6.50	93	950599	39.410	ng	100
8) 2-Chlorophenol	6.63	128	609701	38.527	ng	99
9) Benzaldehyde	6.39	77	495218	46.970	ng	99
10) Phenol	6.48	94	725057m	38.327	ng	
11) bis(2-Chloroethyl)ether	6.57	93	594877	37.631	ng	96
12) 1,3-Dichlorobenzene	6.78	146	652784	37.546	ng	99
13) 1,4-Dichlorobenzene	6.86	146	652955	37.642	ng	99
14) 1,2-Dichlorobenzene	7.01	146	609651	38.051	ng	96
15) Benzyl Alcohol	6.98	79	504547	38.691	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	910741	36.544	ng	99
17) 2-Methylphenol	7.09	107	501890	35.466	ng	99
18) Hexachloroethane	7.36	117	242006	38.113	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	411499	37.421	ng	99
20) 3+4-Methylphenols	7.24	107	582356	32.575	ng	# 87
22) Acetophenone	7.25	105	806331	39.081	ng	98
24) Nitrobenzene	7.42	77	639860	38.247	ng	99
25) Isophorone	7.66	82	1163791	37.284	ng	100
26) 2-Nitrophenol	7.74	139	305336	40.480	ng	98
27) 2,4-Dimethylphenol	7.77	122	530484	40.498	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	720966	38.355	ng	100
29) 2,4-Dichlorophenol	7.97	162	506236	38.262	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	556330	37.469	ng	98
31) Naphthalene	8.15	128	1697533	38.048	ng	100
32) Benzoic acid	7.89	122	362785m	37.322	ng	
33) 4-Chloroaniline	8.19	127	737589	37.302	ng	99
34) Hexachlorobutadiene	8.26	225	320727	36.442	ng	98
35) Caprolactam	8.56	113	165664	38.663	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	517036	38.518	ng	99
37) 2-Methylnaphthalene	8.83	142	1155599	39.104	ng	99
38) 1-Methylnaphthalene	8.93	142	1088147	39.009	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	554406	40.229	ng	100

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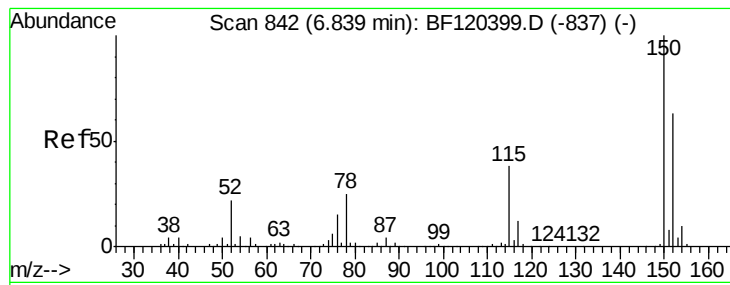
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	329138	42.793	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	378067	37.932	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	392602	34.750	nq	99
46) 1,1'-Biphenyl	9.30	154	1440794	40.813	nq	99
47) 2-Chloronaphthalene	9.32	162	1083587	37.276	nq	97
48) 2-Nitroaniline	9.42	65	335632	37.907	nq	98
49) Acenaphthylene	9.74	152	1739410	38.721	nq	100
50) Dimethylphthalate	9.60	163	1248105	37.150	nq	99
51) 2,6-Dinitrotoluene	9.66	165	284949	38.165	nq	97
52) Acenaphthene	9.91	154	1041766	37.158	nq	100
53) 3-Nitroaniline	9.83	138	315142	35.945	nq	97
54) 2,4-Dinitrophenol	9.93	184	94701	36.110	nq	98
55) Dibenzofuran	10.08	168	1541035	37.824	nq	100
56) 4-Nitrophenol	9.97	139	255602	38.080	nq	99
57) 2,4-Dinitrotoluene	10.06	165	373158	39.052	nq	99
58) Fluorene	10.43	166	1101883	36.040	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	334547	38.000	nq	97
60) Diethylphthalate	10.30	149	1272161	37.472	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	557653	33.642	nq	100
62) 4-Nitroaniline	10.44	138	306971	37.087	nq	100
63) Azobenzene	10.58	77	1205171	37.740	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	150101	40.551	nq	99
66) n-Nitrosodiphenylamine	10.53	169	1074149	38.104	nq	100
67) 4-Bromophenyl-phenylether	10.91	248	375566	36.663	nq	99
68) Hexachlorobenzene	10.97	284	410763	37.653	nq	99
69) Atrazine	11.06	200	327142	41.173	nq	98
70) Pentachlorophenol	11.16	266	257884	38.664	nq	98
71) Phenanthrene	11.39	178	1701517	38.051	nq	99
72) Anthracene	11.44	178	1764677	39.332	nq	100
73) Carbazole	11.59	167	1625872	37.467	nq	99
74) Di-n-butylphthalate	11.93	149	1928433	38.202	nq	100
75) Fluoranthene	12.57	202	1869736	38.859	nq	99
77) Benzidine	12.69	184	902745	46.748	nq	98
78) Pyrene	12.80	202	1907837	37.326	nq	100
80) Butylbenzylphthalate	13.42	149	800534	37.517	nq	99
81) Benzo(a)anthracene	13.99	228	1488803	37.797	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	597061	41.751	nq	98
83) Chrysene	14.02	228	1551517	37.571	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	953104	38.051	nq	100
85) Di-n-octyl phthalate	14.59	149	1671857	38.574	nq	100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1304760	35.037	nq	100
88) Benzo(b)fluoranthene	15.02	252	1436296	37.979	nq	98
89) Benzo(k)fluoranthene	15.06	252	1308368	37.059	nq	100
90) Benzo(a)pyrene	15.38	252	1203613	36.386	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	1086196	35.776	nq	99
92) Benzo(g,h,i)perylene	17.32	276	1059418	35.379	nq	98

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



#1

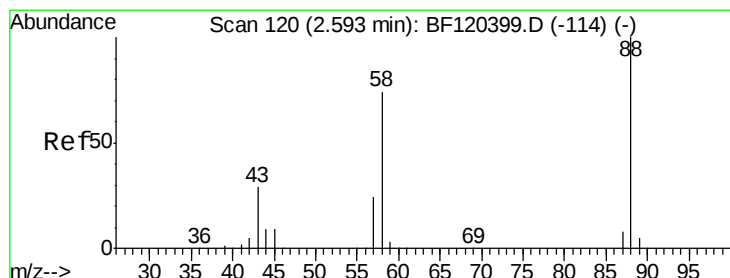
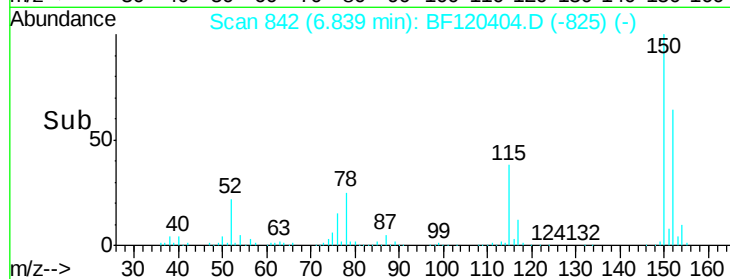
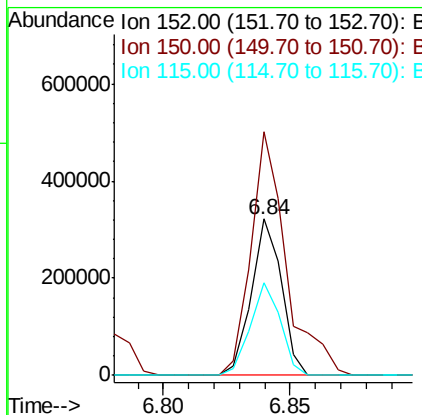
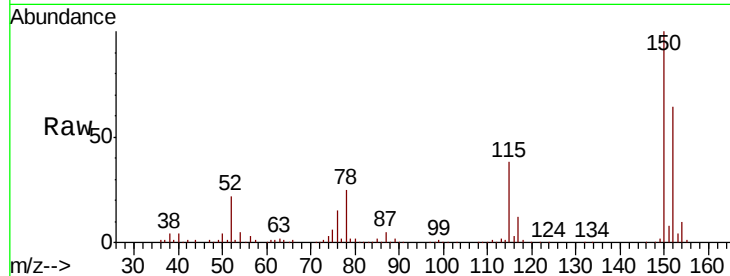
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.5	189.7
115	59.1	47.6	71.4

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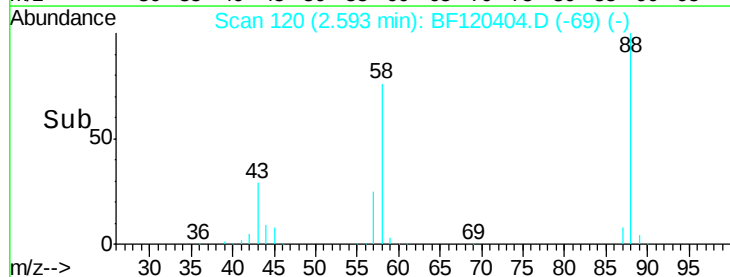
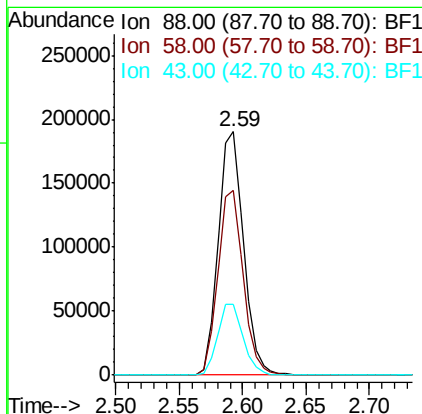
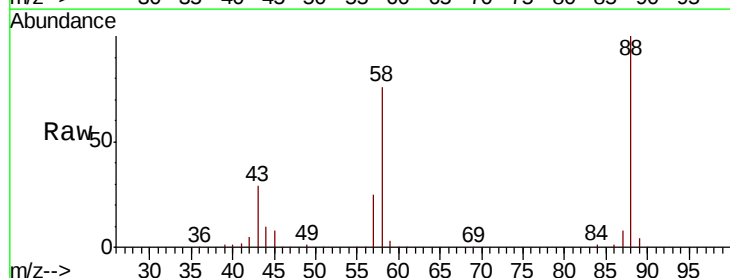
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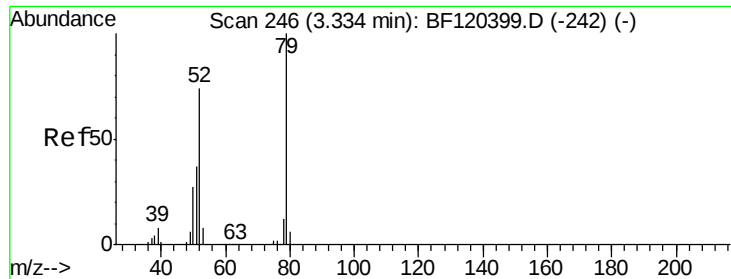


#2

1,4-Dioxane
Concen: 38.159 ng
RT: 2.59 min Scan# 120
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	61.0	91.4
43	29.6	23.6	35.4





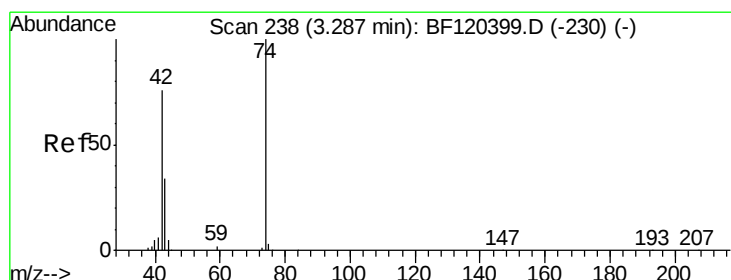
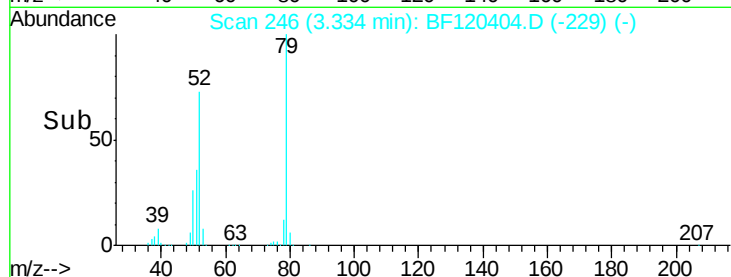
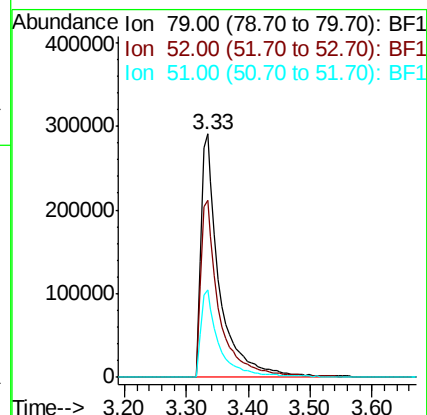
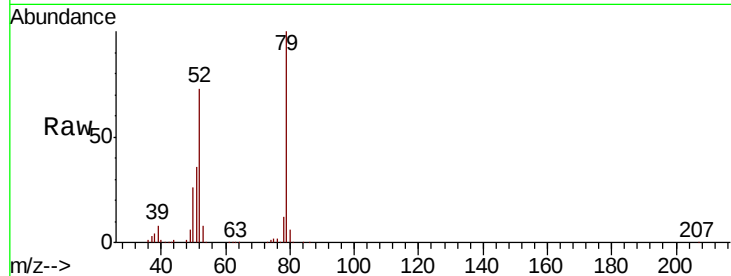
#3
 Pvridine
 Concen: 31.512 ng
 RT: 3.33 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	606765		
52	52	72.7		59.2	88.8
51	51	35.7		29.4	44.2

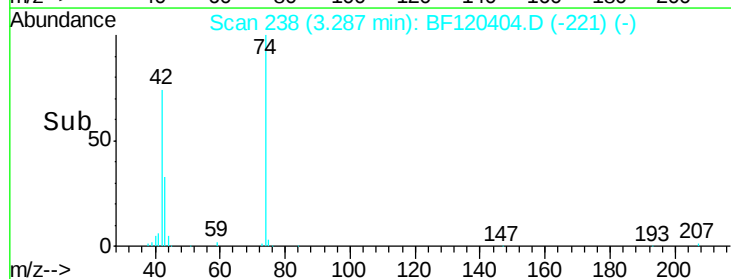
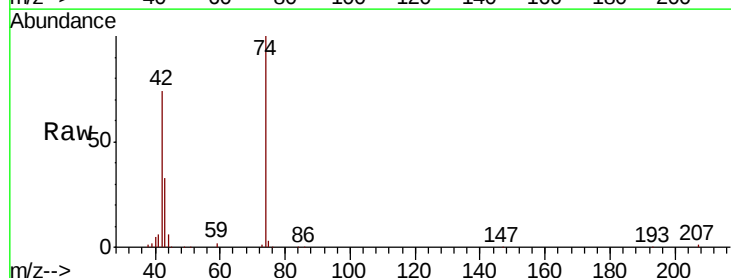
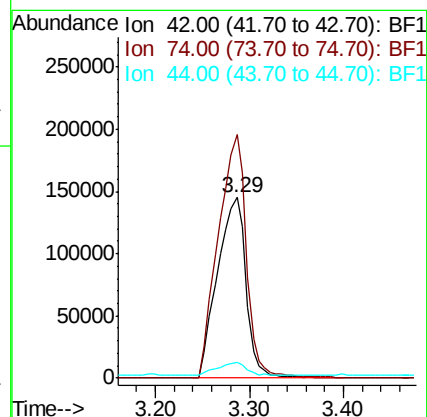
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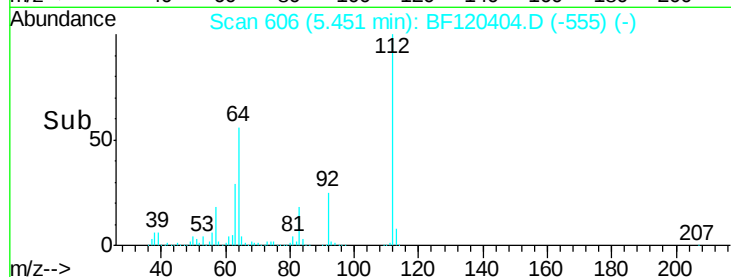
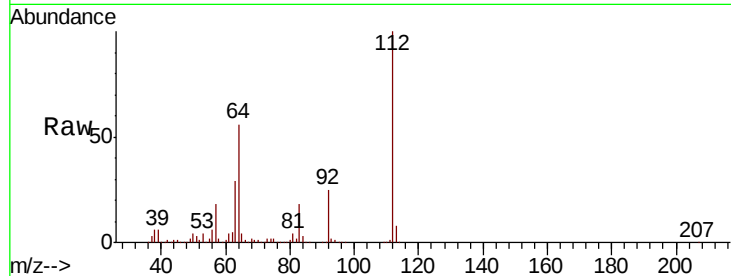
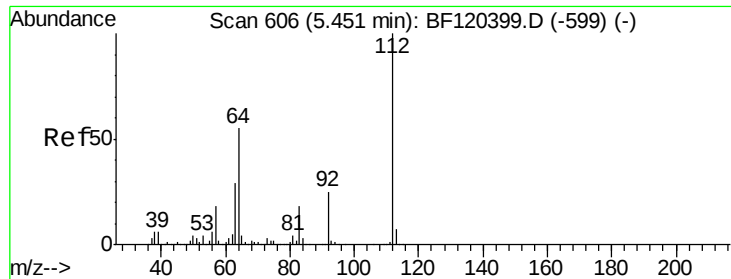
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#4
 n-Nitrosodimethylamine
 Concen: 38.062 ng
 RT: 3.29 min Scan# 238
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	310150		
74	74	134.7		104.8	157.2
44	44	8.6		7.0	10.4





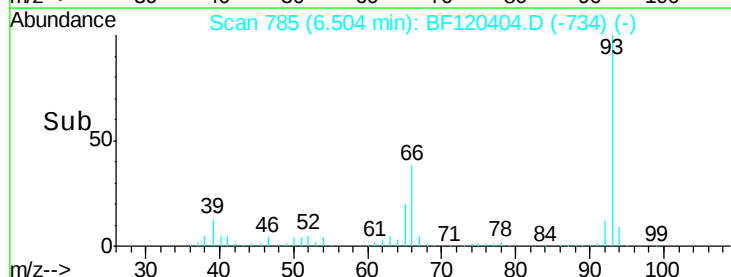
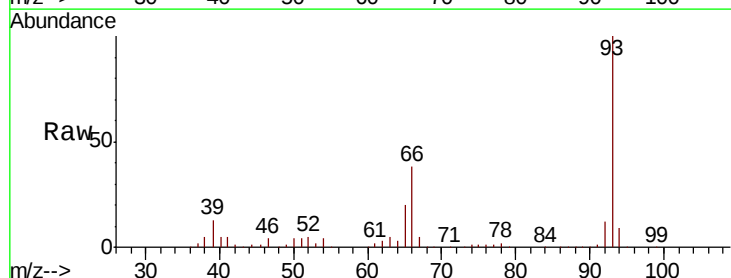
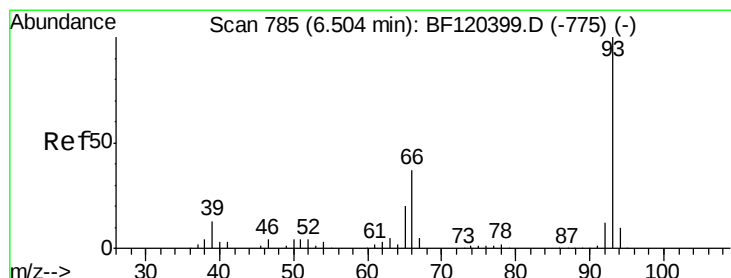
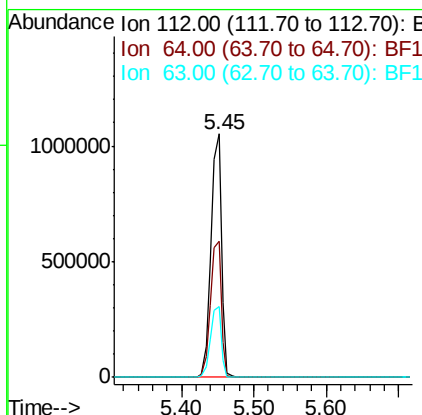
#5
2-Fluorophenol
Concen: 75.594 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.3	66.5
63	28.8	22.9	34.3

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

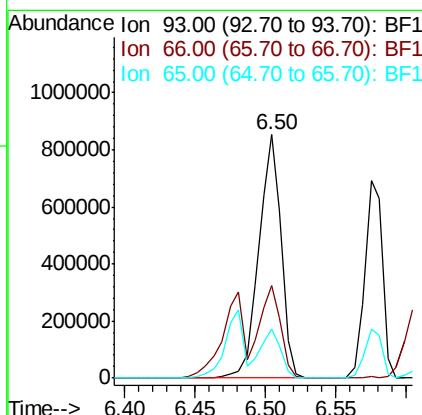
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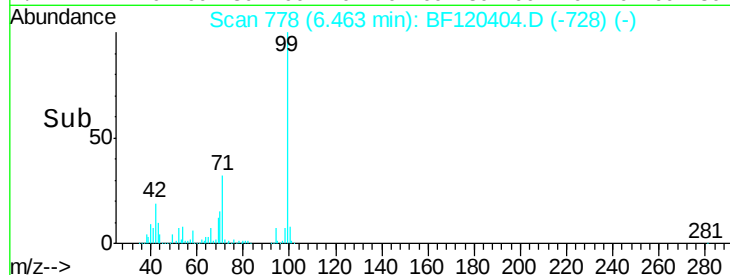
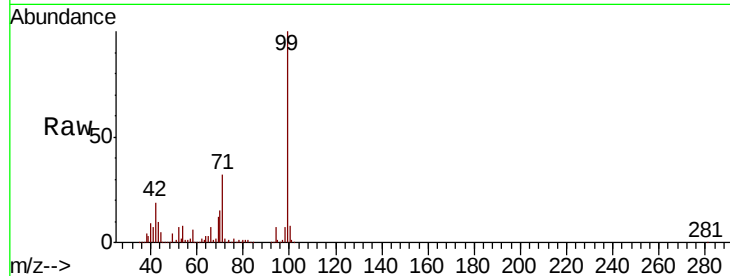
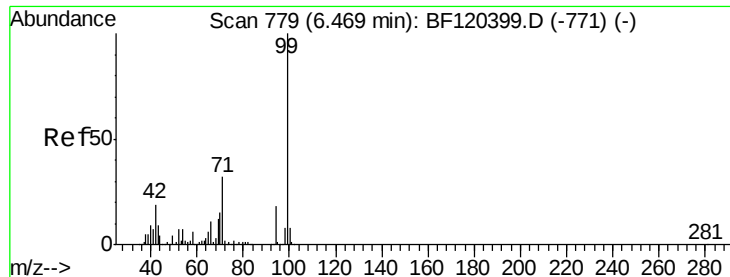
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#6
Aniline
Concen: 39.410 ng
RT: 6.50 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.0	30.4	45.6
65	20.0	16.3	24.5





#7

Phenol-d6

Concen: 77.538 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Tot Ion:	99	Resp:	1341329
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.2	22.8
71	32.3	25.6	38.4

Instrument :

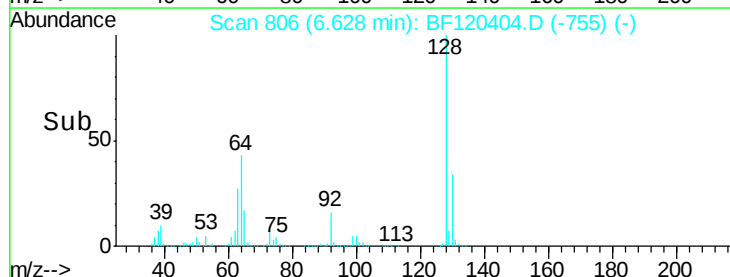
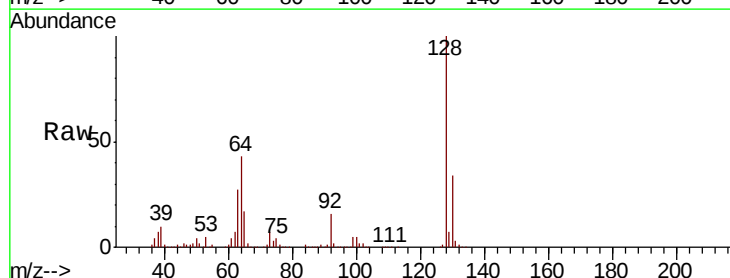
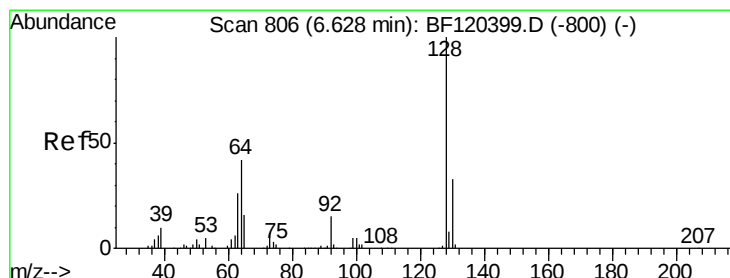
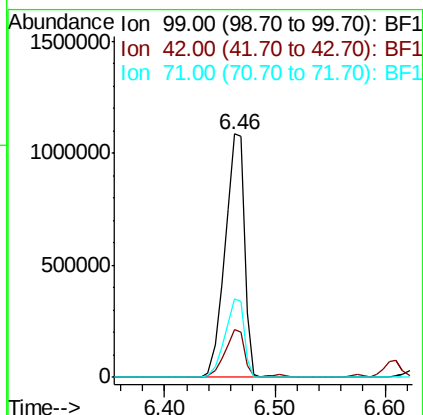
BNA_F

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#8

2-Chlorophenol

Concen: 38.527 ng

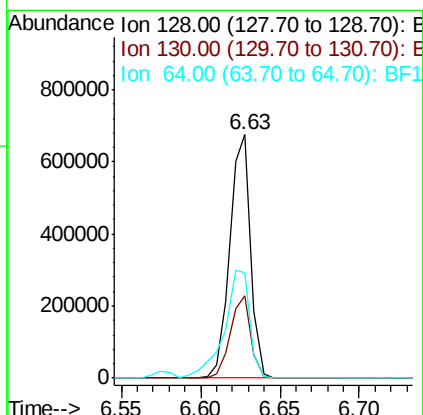
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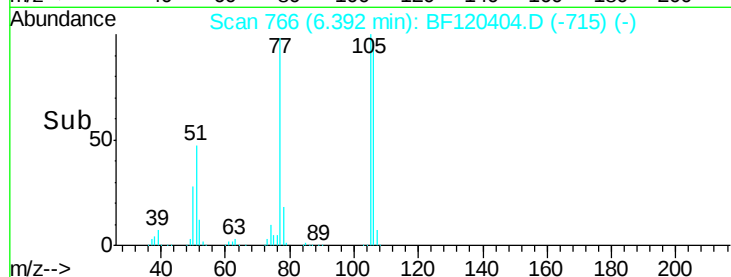
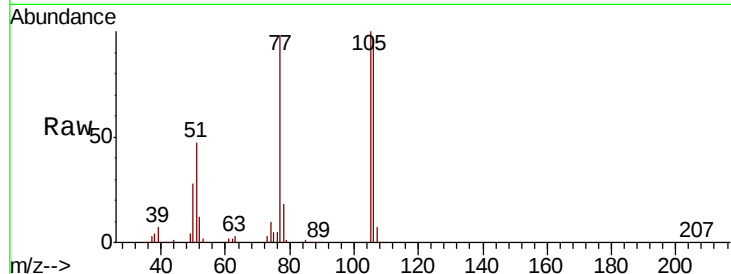
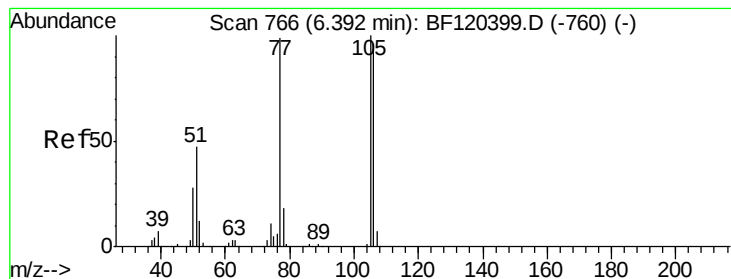
Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Tgt Ion:	128	Resp:	609701
Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.9	52.9
64	43.5	23.2	63.2





#9

Benzaldehyde

Concen: 46.970 ng

RT: 6.39 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Tot Ion:	77	Resp:	495218
Ion Ratio	Lower	Upper	
77	100		
105	101.6	81.5	121.5
106	98.4	77.4	117.4

Instrument :

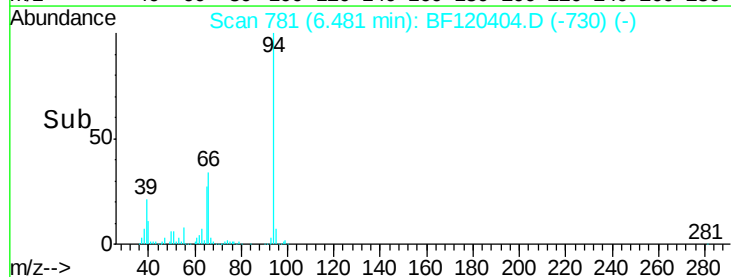
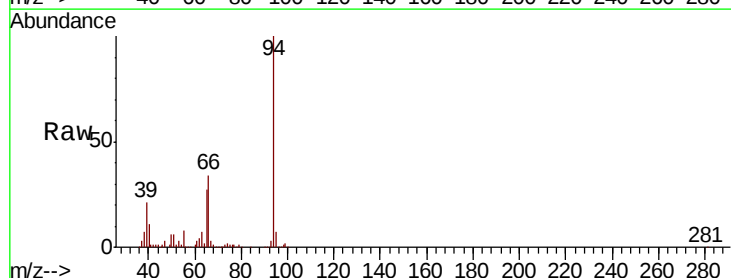
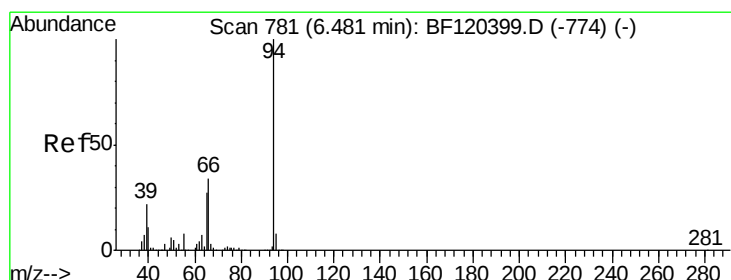
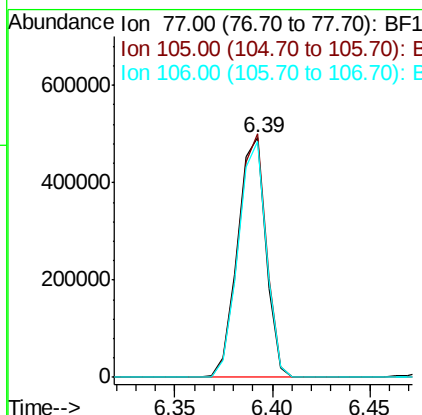
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 38.327 ng m

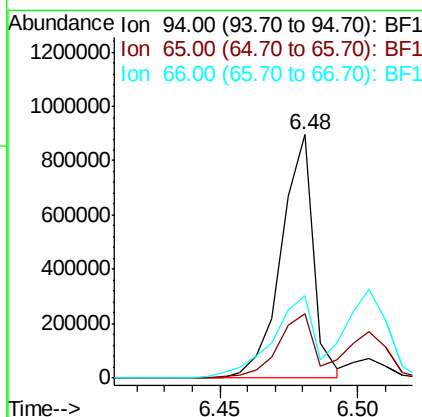
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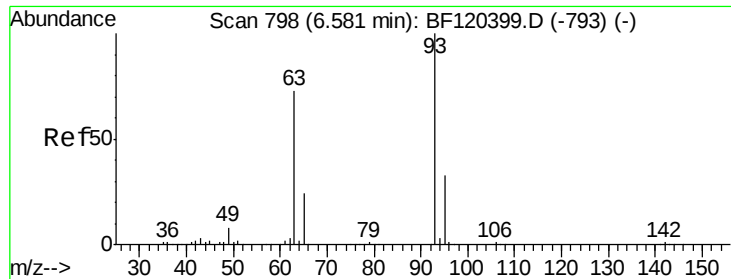
Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Tgt Ion:	94	Resp:	725057
Ion Ratio	Lower	Upper	
94	100		
65	26.7	6.8	46.8
66	33.6	13.9	53.9





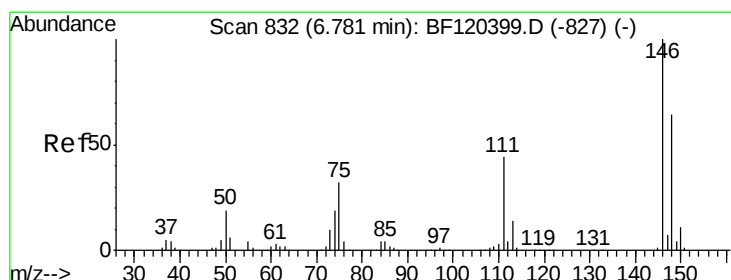
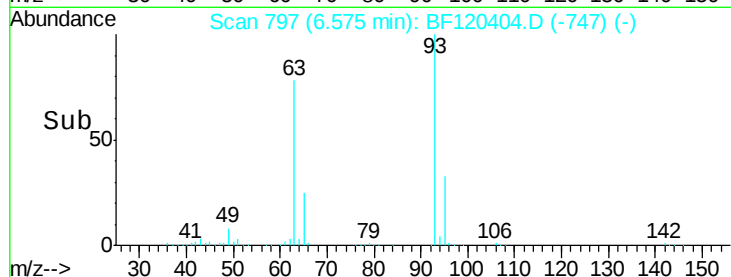
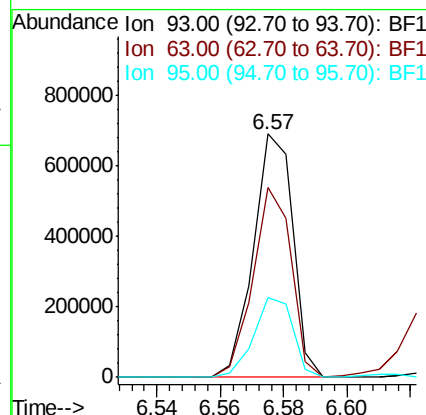
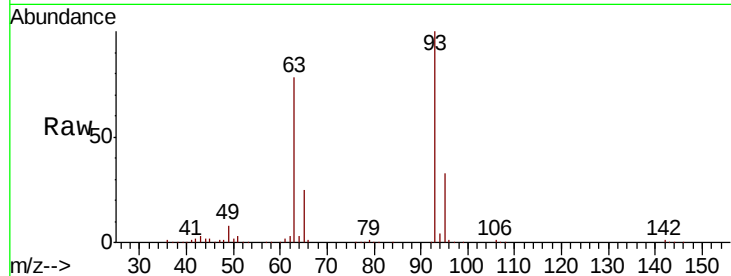
#11
bis(2-Chloroethyl)ether
Concen: 37.631 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion:	93	Resp:	594877
Ion	Ratio	Lower	Upper
93	100		
63	77.7	52.8	92.8
95	32.5	12.6	52.6

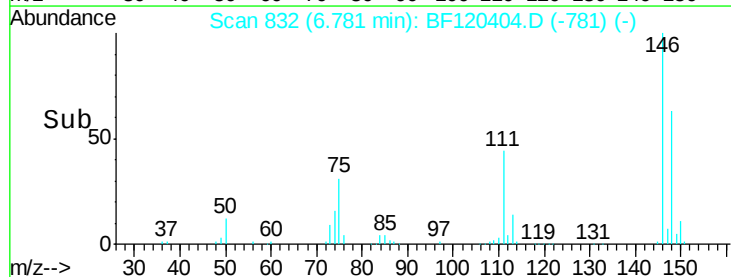
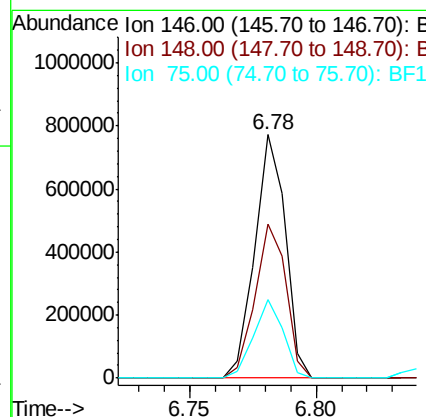
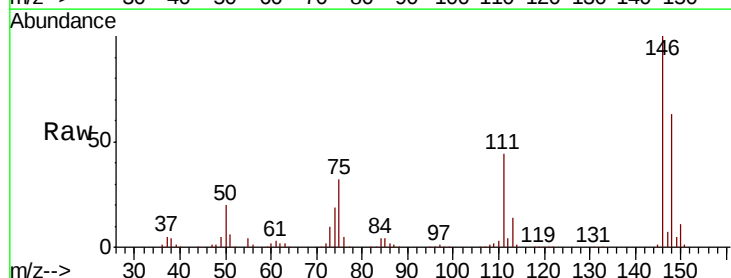
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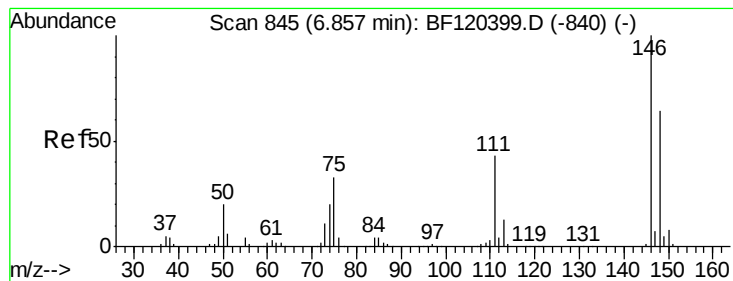
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.546 ng
RT: 6.78 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:	146	Resp:	652784
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.2	76.8
75	32.3	25.9	38.9





#13

1,4-Dichlorobenzene

Concen: 37.642 ng

RT: 6.86 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

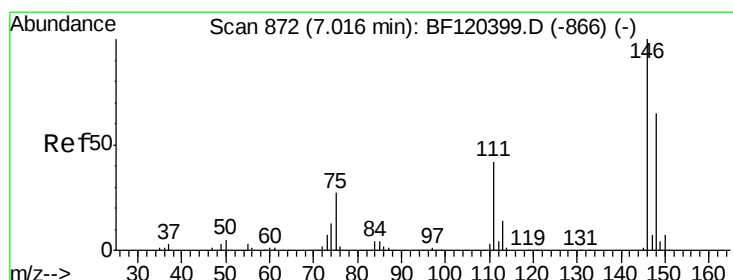
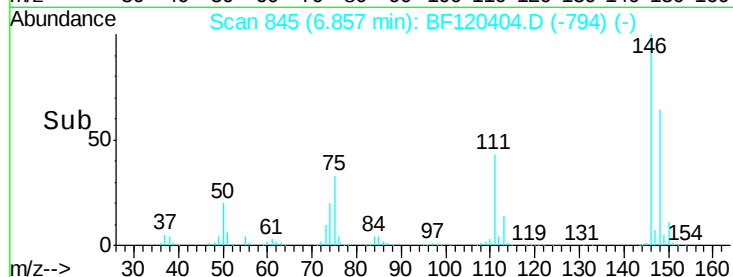
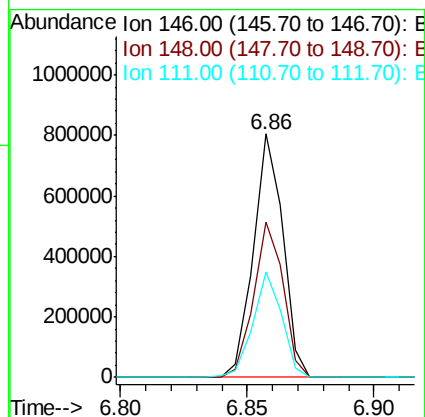
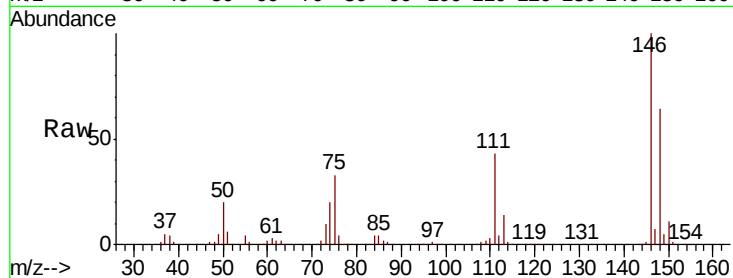
ClientSampleId :

ICVBF052820

Tot Ion:	146	Resp:	652955
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.4	77.0
111	43.0	34.2	51.4

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#14

1,2-Dichlorobenzene

Concen: 38.051 ng

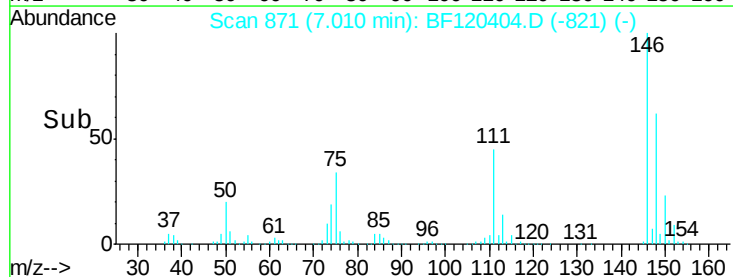
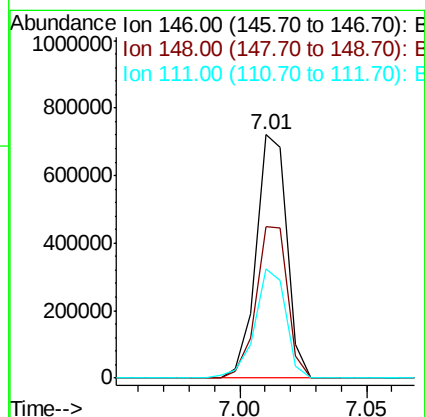
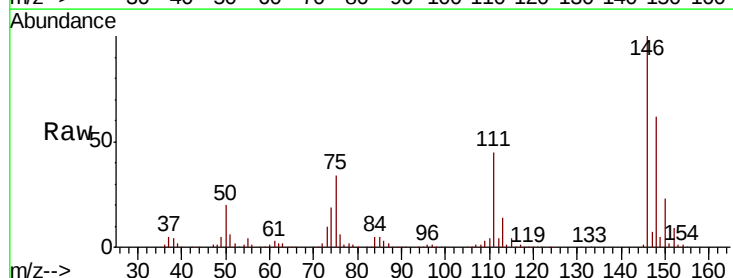
RT: 7.01 min Scan# 871

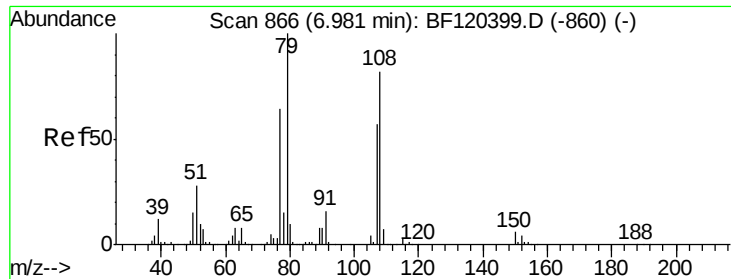
Delta R.T. -0.01 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Tgt Ion:	146	Resp:	609651
Ion Ratio	Lower	Upper	
146	100		
148	62.2	52.3	78.5
111	44.9	33.9	50.9





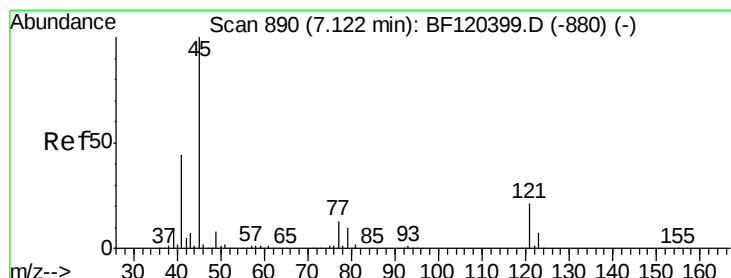
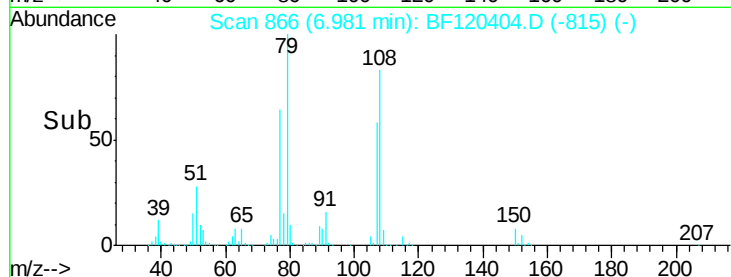
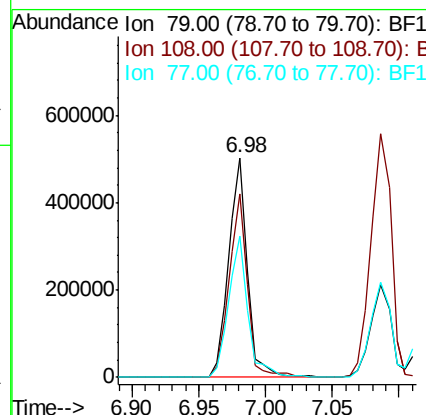
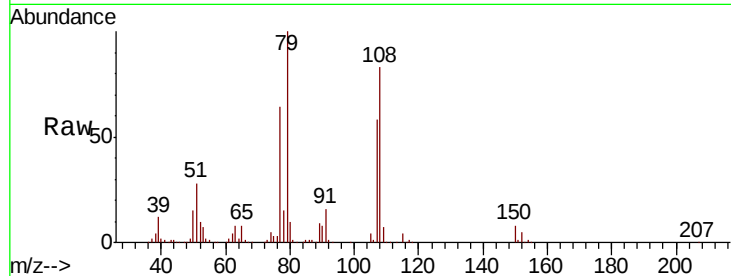
#15
Benzyl Alcohol
Concen: 38.691 ng
RT: 6.98 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.4	65.8	98.8
77	64.4	51.5	77.3

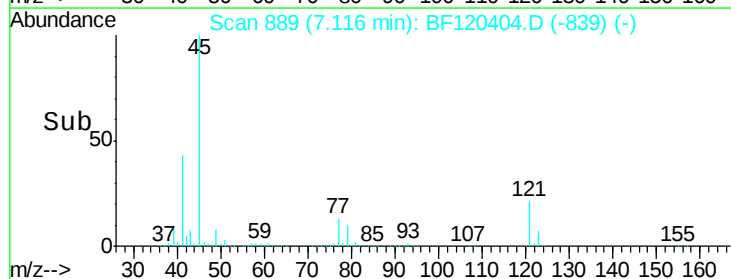
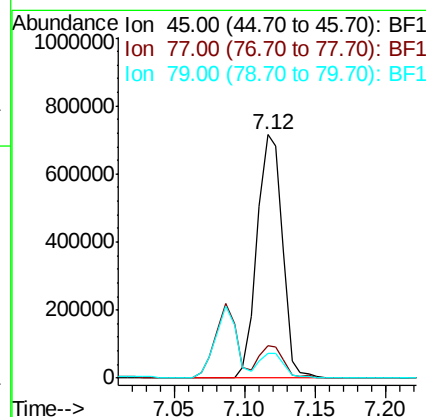
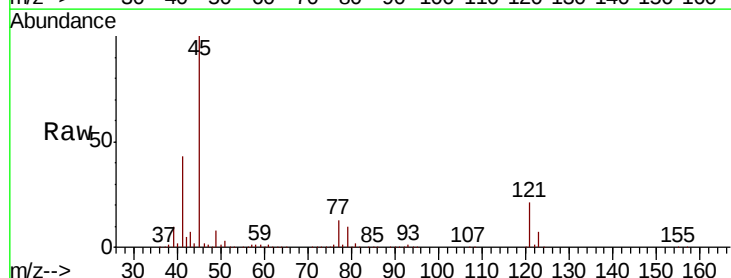
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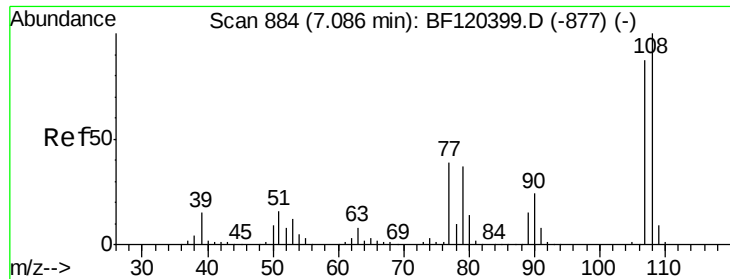
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.544 ng
RT: 7.12 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	33.5
79	10.2	0.0	30.3





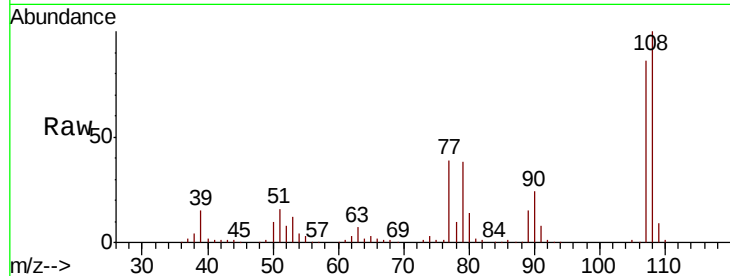
#17
2-Methylphenol
Concen: 35.466 ng
RT: 7.09 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

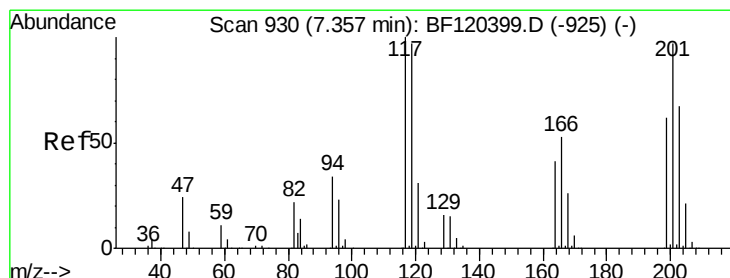
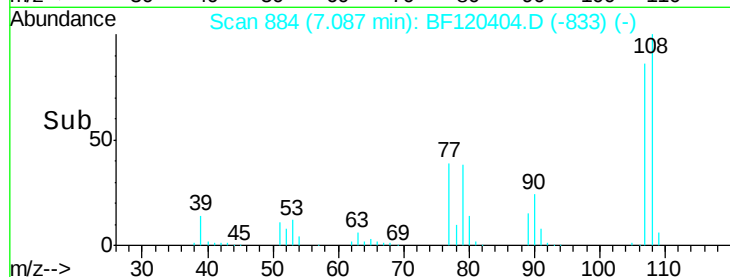
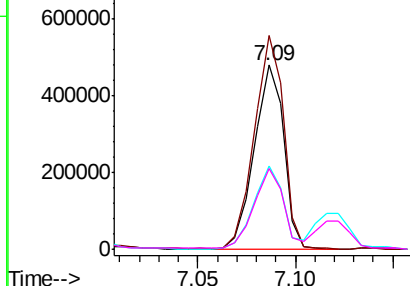
Tot Ion	107	Resp	501890
Ion Ratio	Lower	Upper	
107	100		
108	116.1	92.3	138.5
77	45.3	35.7	53.5
79	44.1	34.1	51.1

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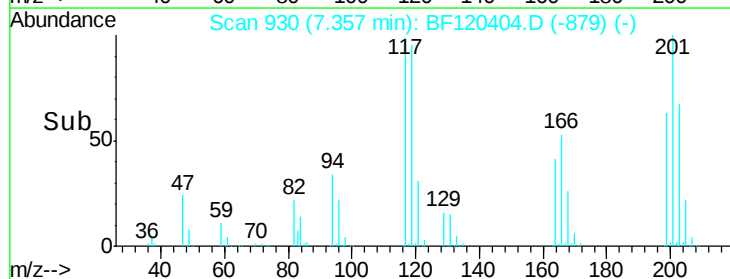
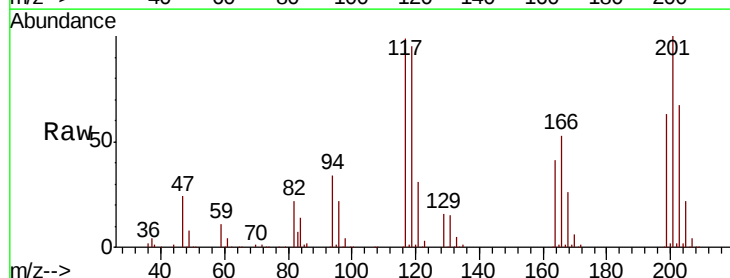
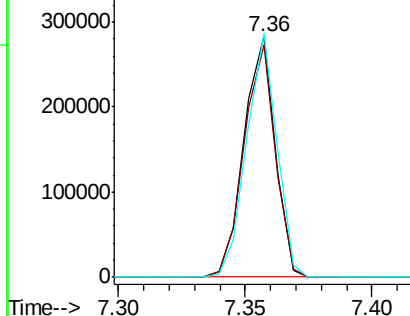
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

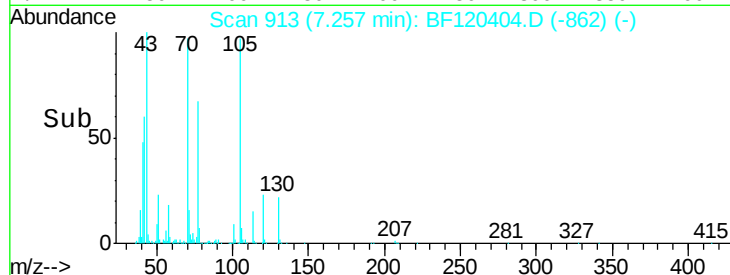
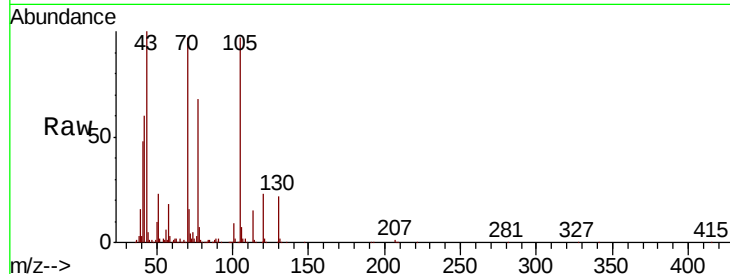
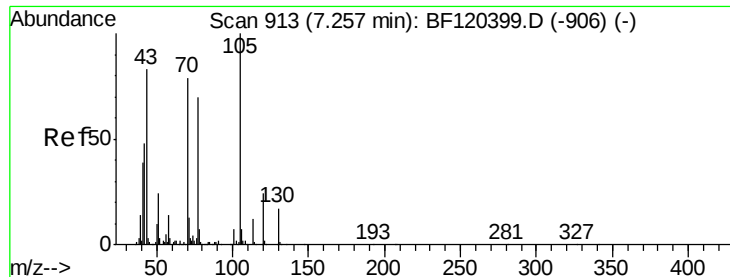


#18
Hexachloroethane
Concen: 38.113 ng
RT: 7.36 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	117	Resp	242006
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.4	116.2
201	101.0	77.7	116.5

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





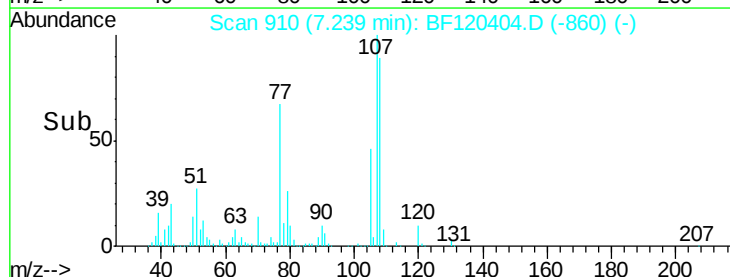
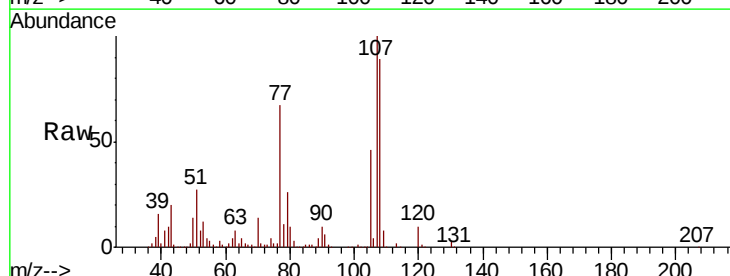
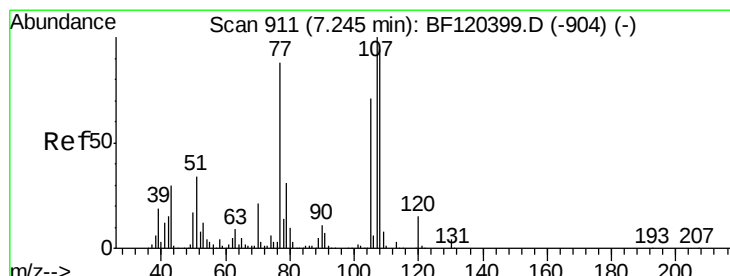
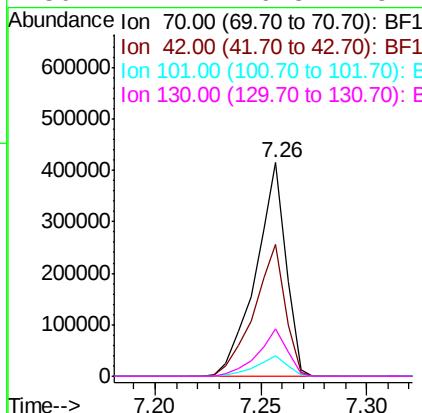
#19
n-Nitroso-di-n-propylamine
Concen: 37.421 ng
RT: 7.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.5	48.9	73.3		
101	9.6	7.4	11.2		
130	22.2	16.8	25.2		

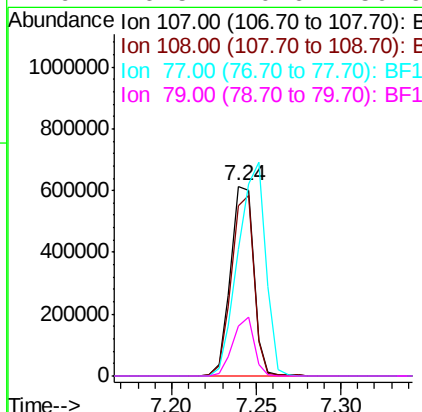
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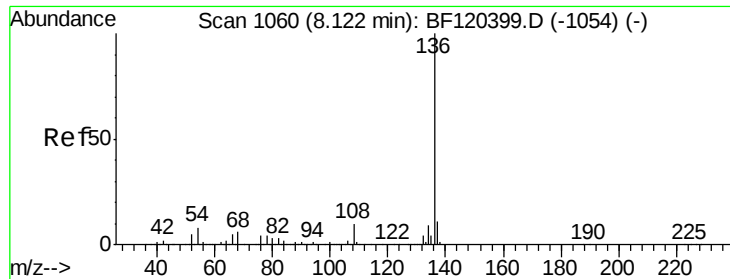
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#20
3+4-Methylphenols
Concen: 32.575 ng
RT: 7.24 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.4	74.4	114.4		
77	66.9	67.6	107.6		
79	26.5	10.6	50.6		





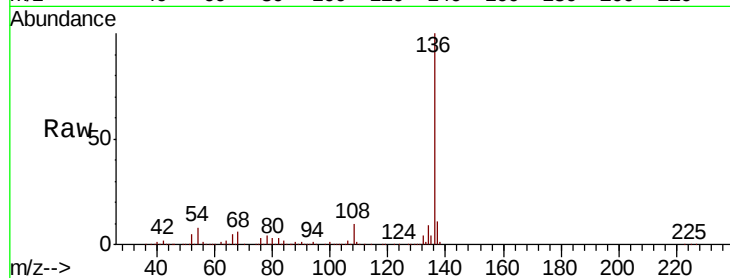
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

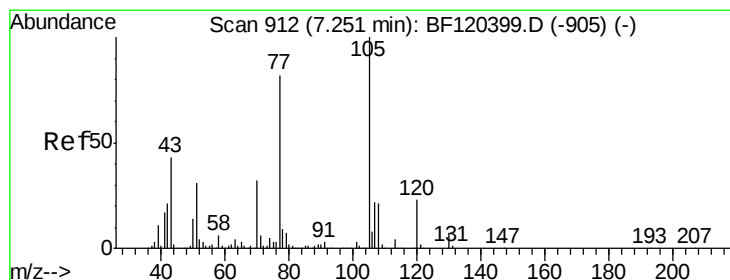
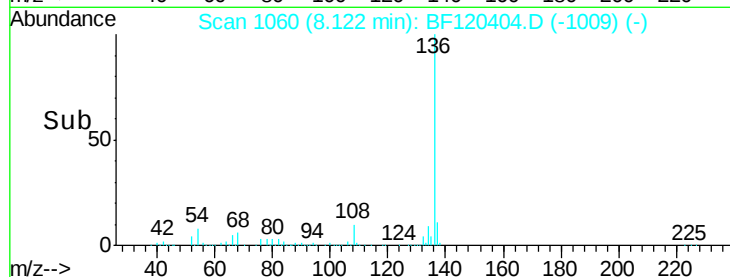
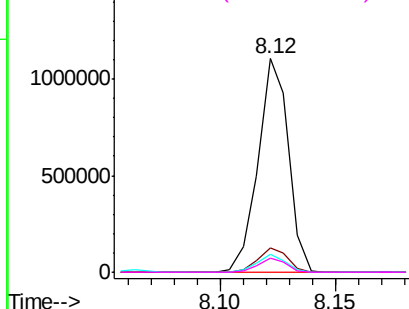
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.4	6.7	10.1
68	6.3	5.0	7.4

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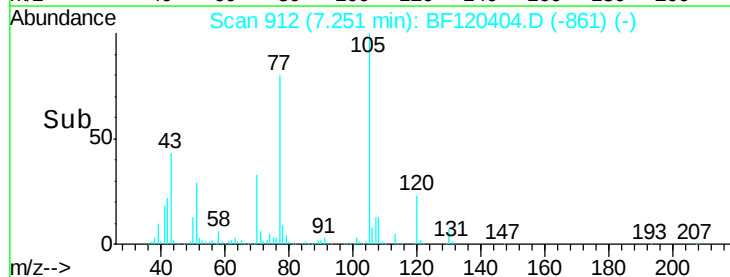
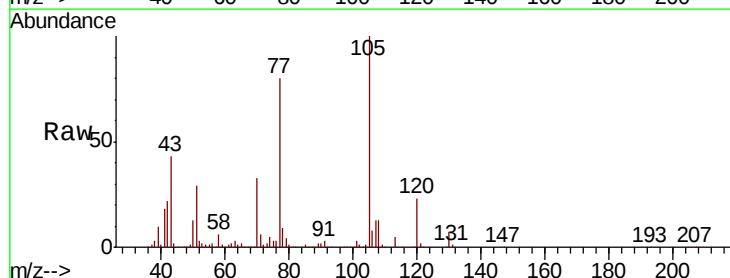
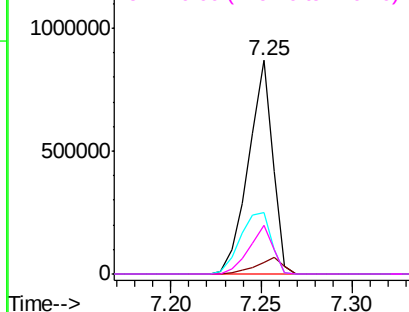
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

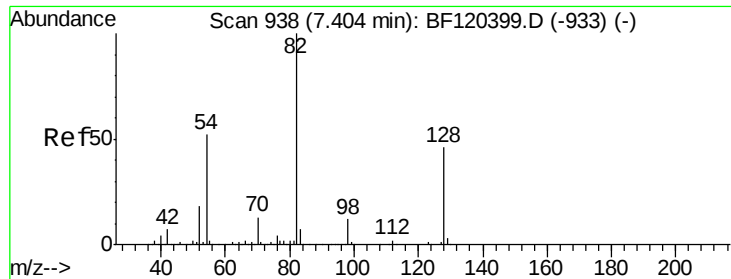


#22
Acetophenone
Concen: 39.081 ng
RT: 7.25 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.4	6.6
51	28.7	24.5	36.7
120	22.6	18.2	27.2

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





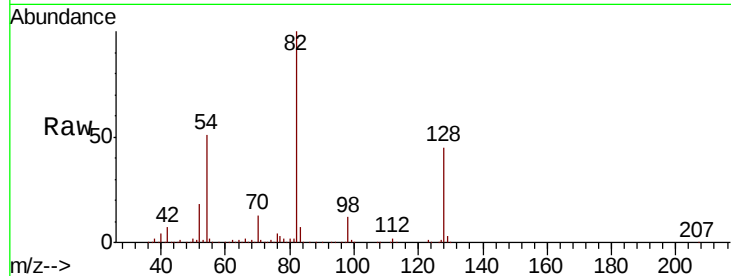
#23
Nitrobenzene-d5
Concen: 77.857 ng
RT: 7.40 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

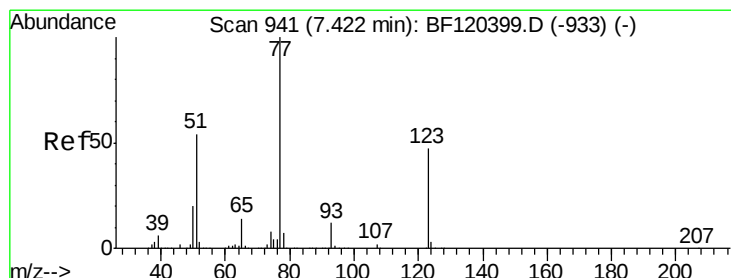
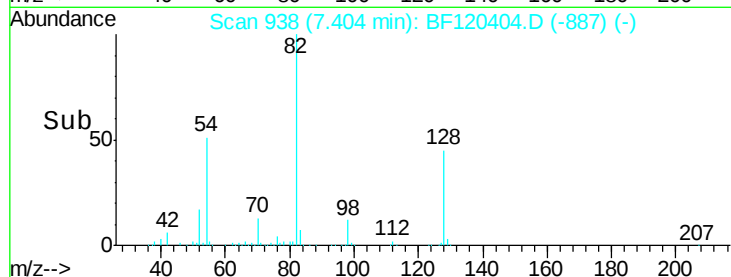
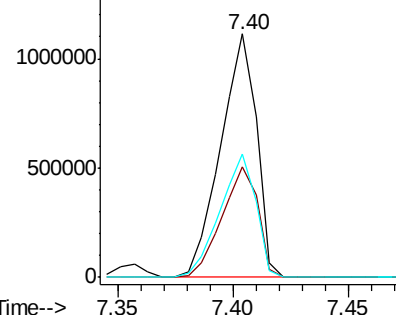
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.8	55.2
54	50.9	41.6	62.4

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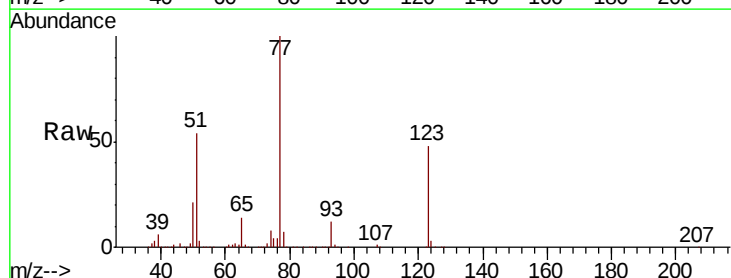


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

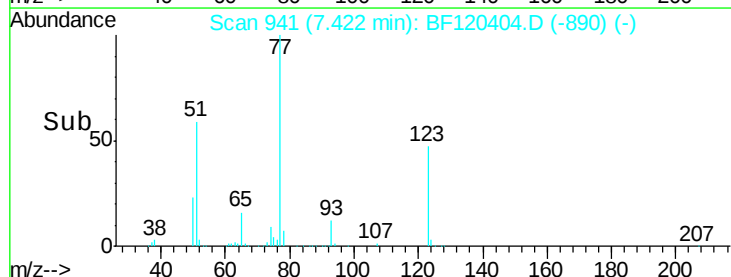
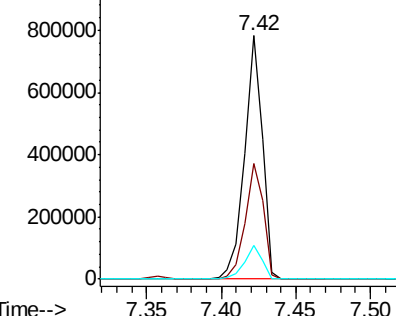


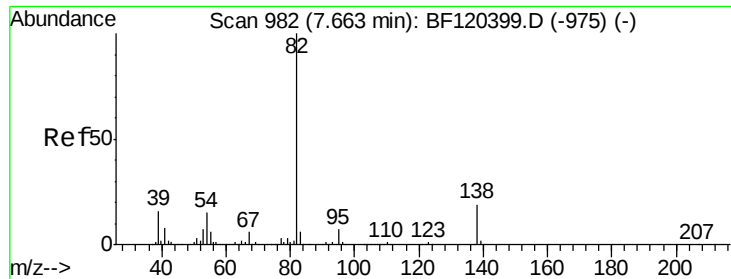
#24
Nitrobenzene
Concen: 38.247 ng
RT: 7.42 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.8	56.6
65	13.8	11.3	16.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.284 ng

RT: 7.66 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

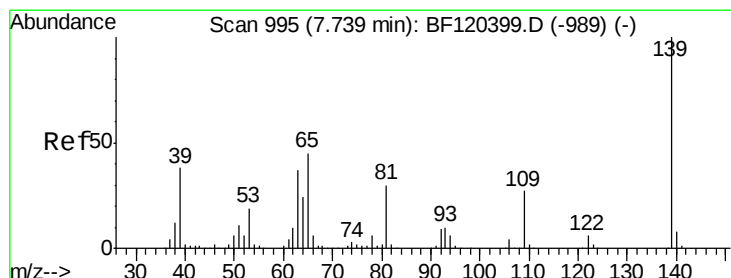
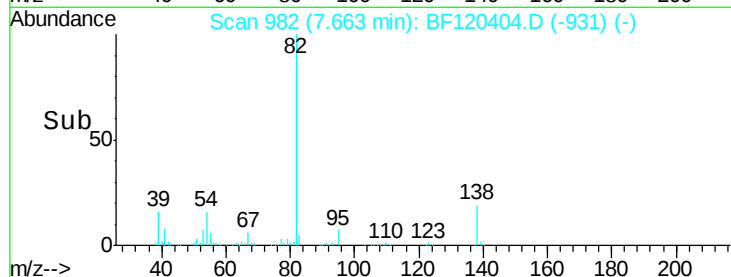
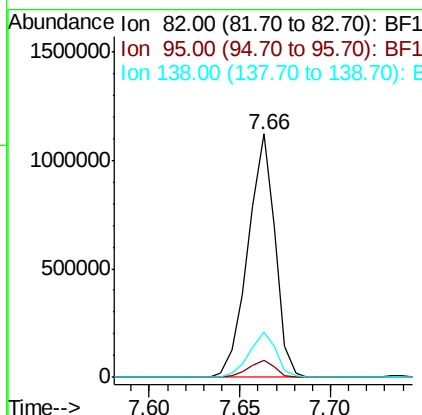
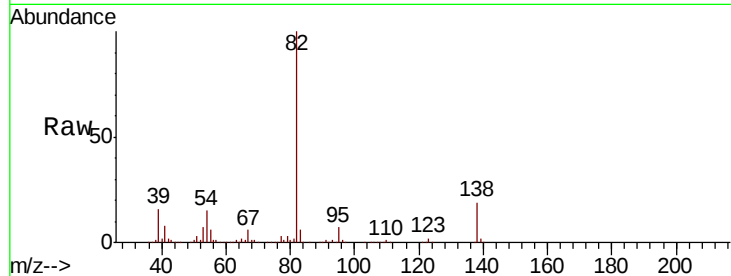
ClientSampleId :

ICVBF052820

Tot Ion:	82	Resp:	1163791
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.6	8.4
138	18.6	15.0	22.4

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#26

2-Nitrophenol

Concen: 40.480 ng

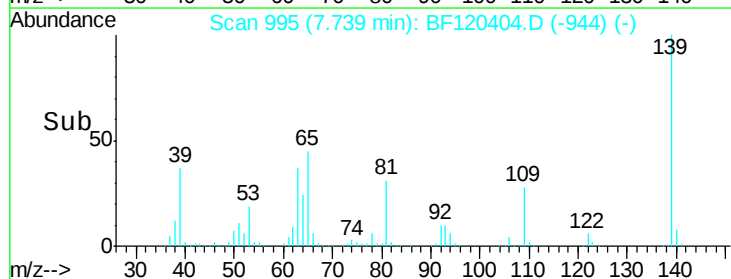
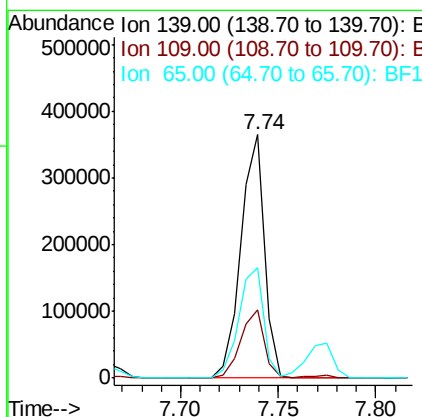
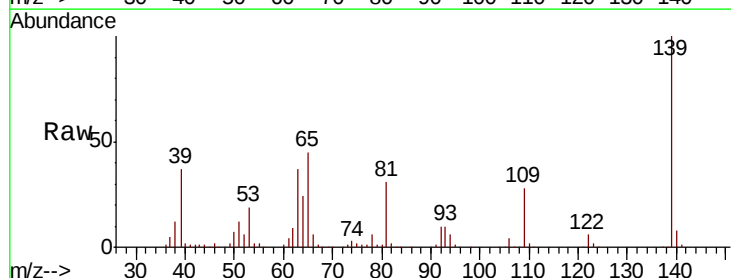
RT: 7.74 min Scan# 995

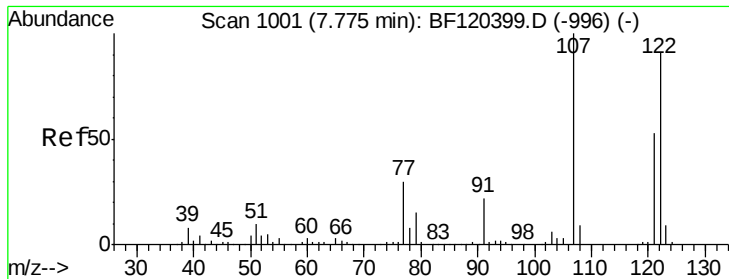
Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Tgt Ion:	139	Resp:	305336
Ion	Ratio	Lower	Upper
139	100		
109	27.9	21.2	31.8
65	45.3	35.8	53.6





#27

2,4-Dimethylphenol

Concen: 40.498 ng

RT: 7.77 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

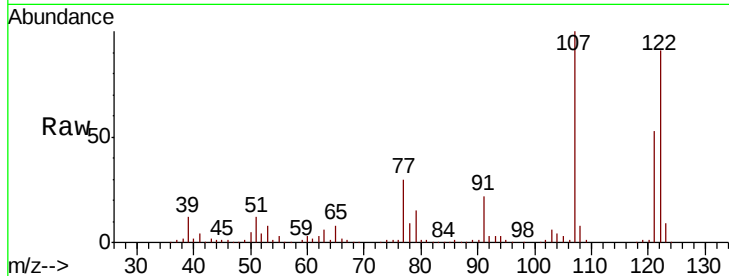
ClientSampleId :

ICVBF052820

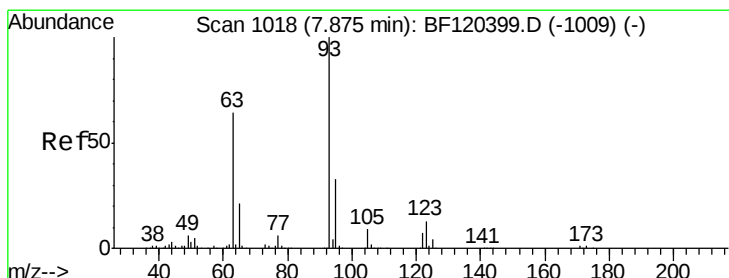
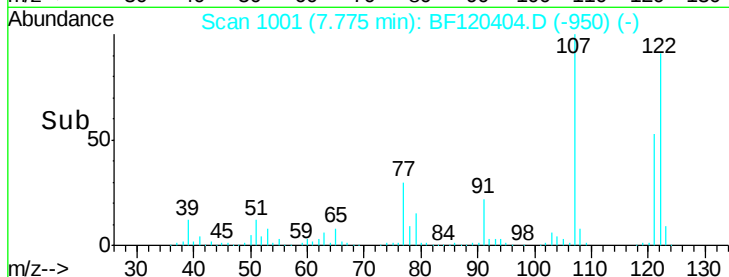
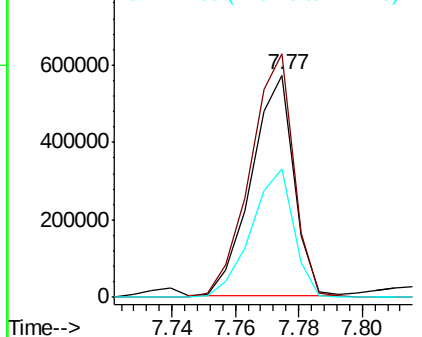
Tot Ion:	122	Resp:	530484
Ion Ratio	Lower	Upper	
122	100		
107	109.6	87.3	130.9
121	57.7	46.2	69.2

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.355 ng

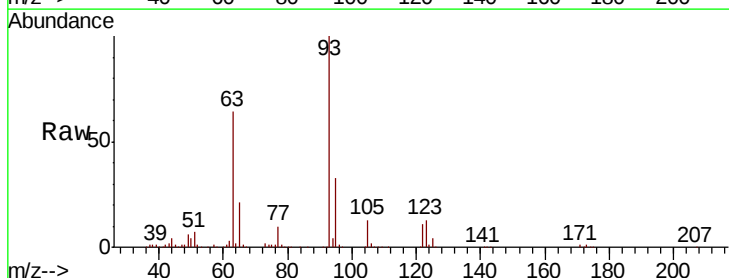
RT: 7.87 min Scan# 1018

Delta R.T. 0.00 min

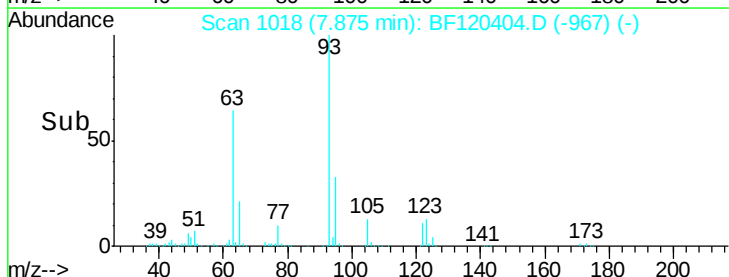
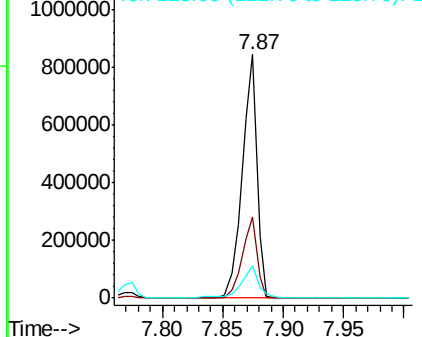
Lab File: BF120404.D

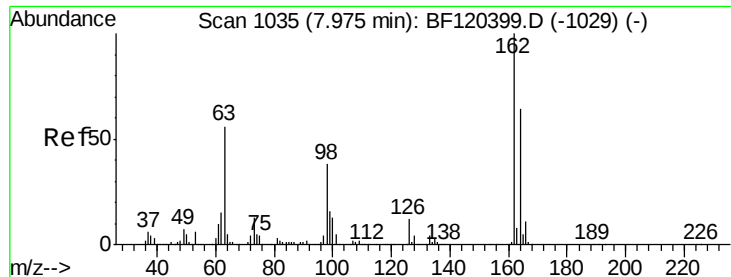
Acq: 28 May 2020 13:15

Tgt Ion:	93	Resp:	720966
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.6	39.8
123	13.1	10.3	15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





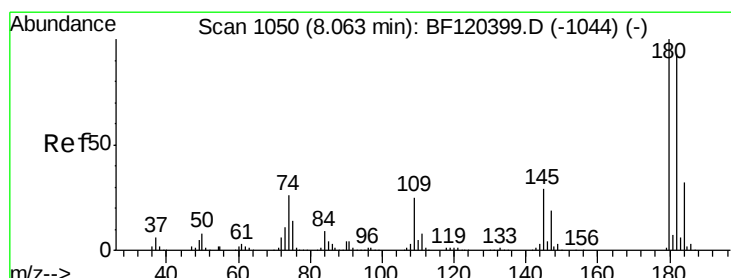
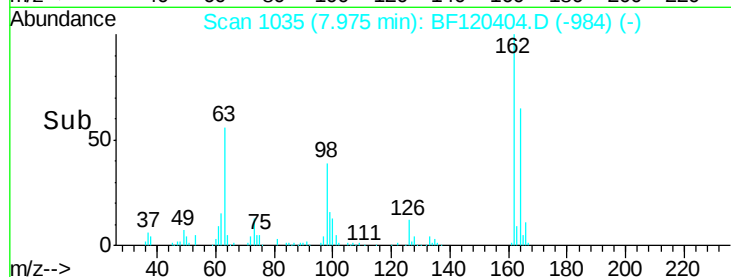
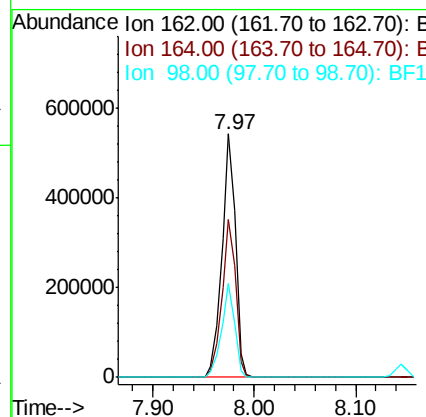
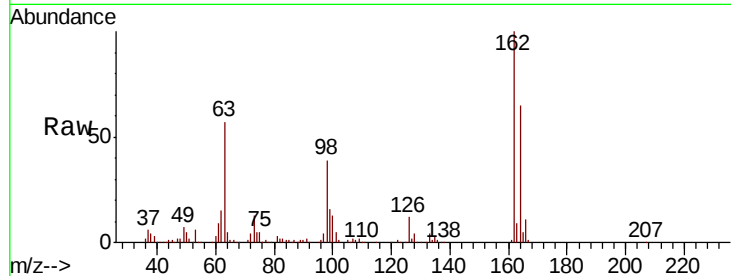
#29
2,4-Dichlorophenol
Concen: 38.262 ng
RT: 7.97 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Resp	Lower	Upper
162	100	506236		
164	64.9	43.9	83.9	
98	38.7	17.8	57.8	

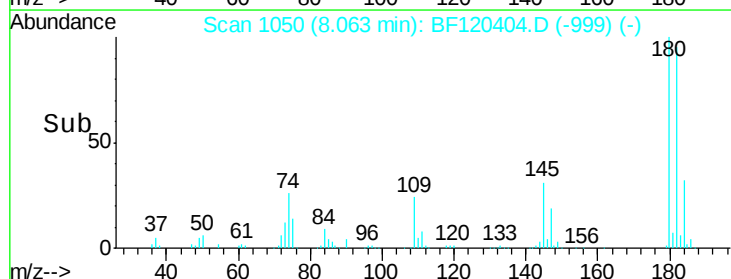
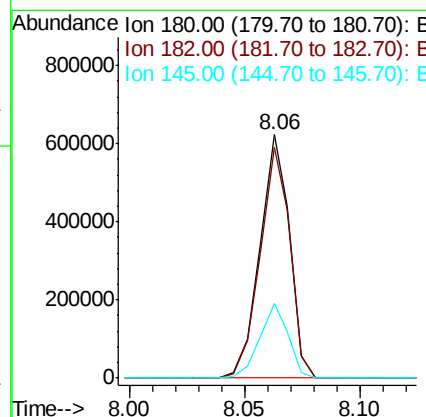
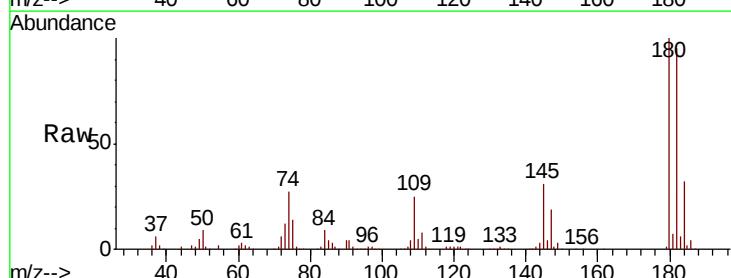
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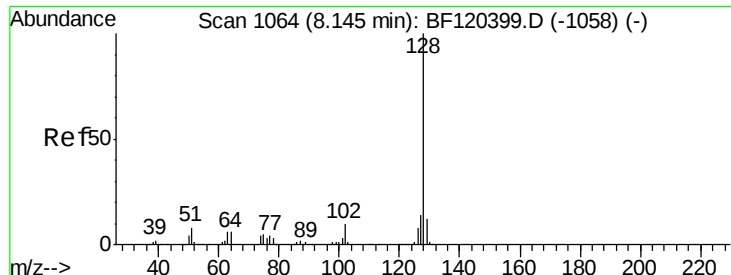
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#30
1,2,4-Trichlorobenzene
Concen: 37.469 ng
RT: 8.06 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	556330		
182	94.9	74.6	111.8	
145	30.9	23.4	35.2	





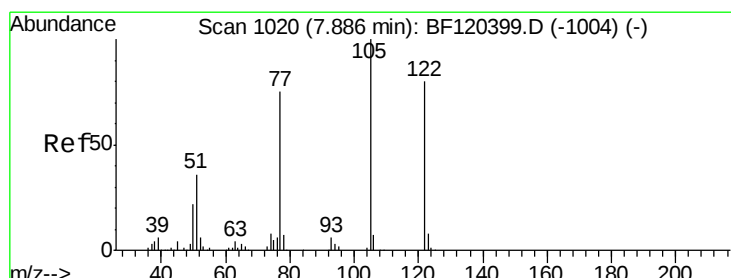
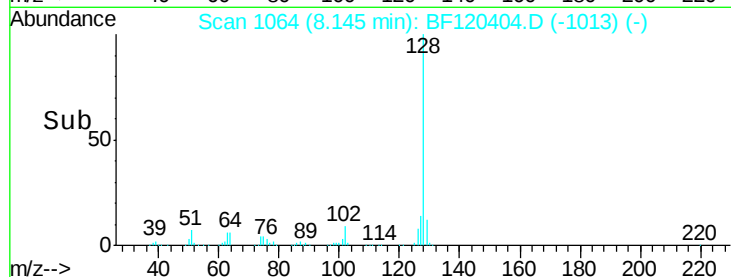
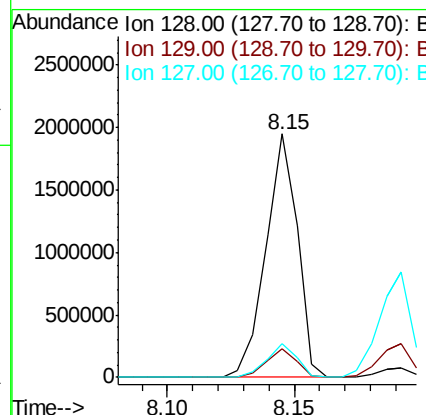
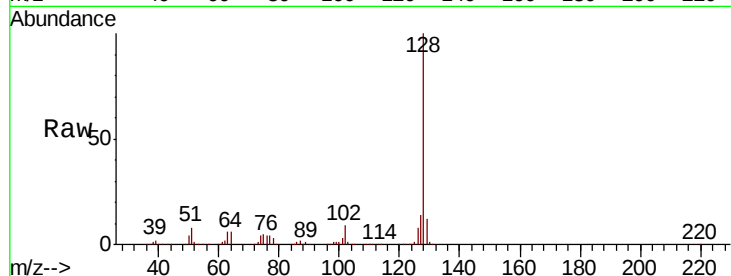
#31
Naphthalene
Concen: 38.048 ng
RT: 8.15 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	13.9	11.0	16.6

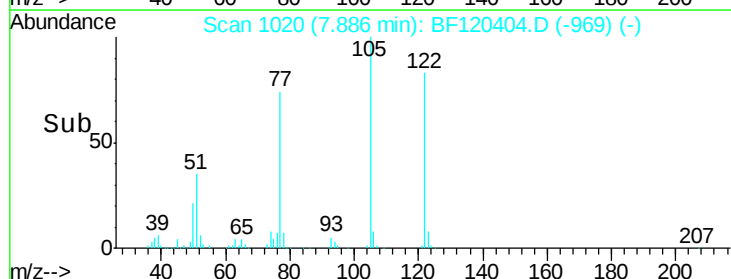
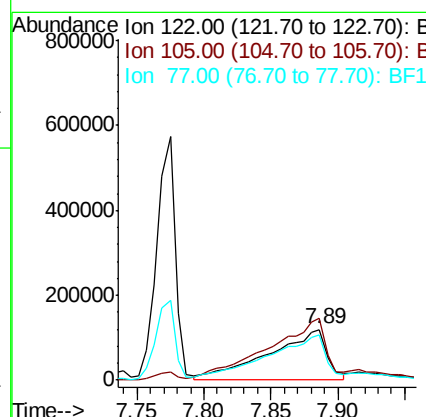
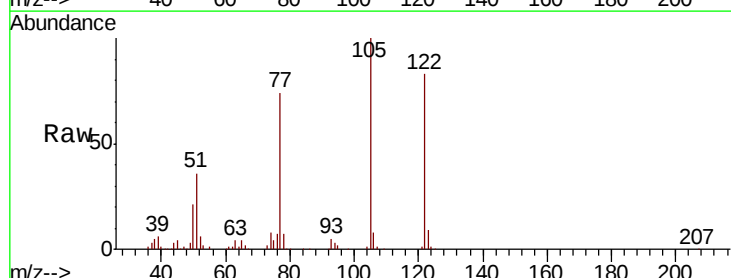
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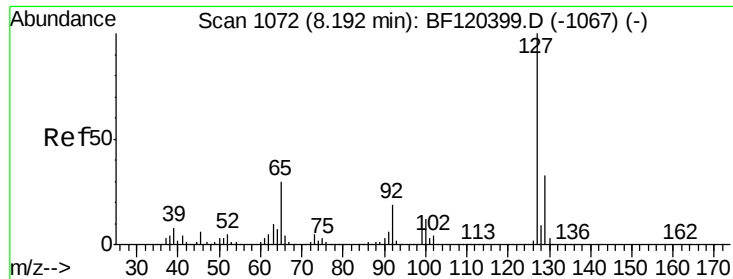
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#32
Benzoic acid
Concen: 37.322 ng m
RT: 7.89 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.7	101.1	141.1
77	89.6	71.9	111.9





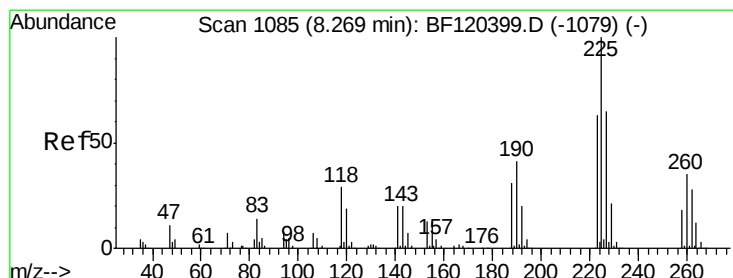
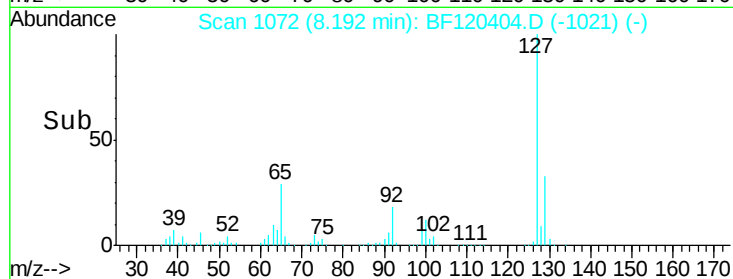
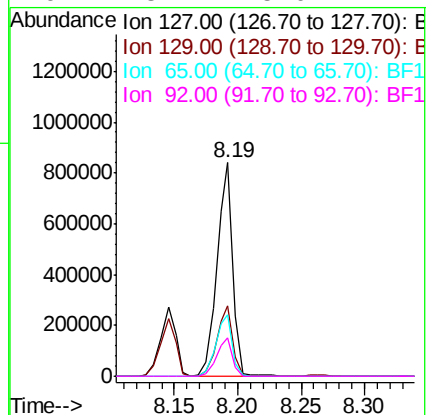
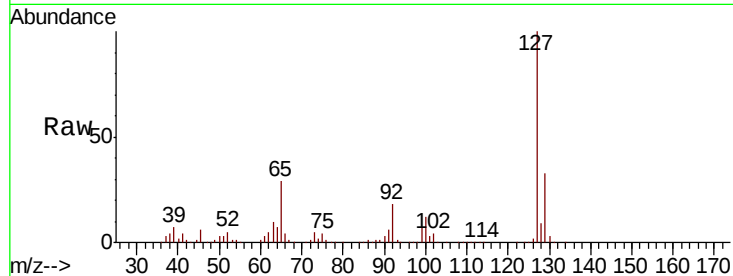
#33
4-Chloroaniline
Concen: 37.302 ng
RT: 8.19 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.8	40.2
65	28.9	23.7	35.5
92	18.1	15.0	22.4

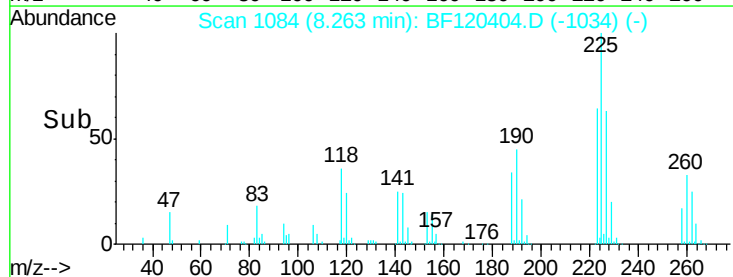
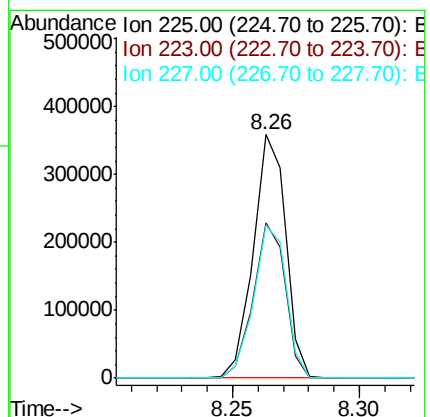
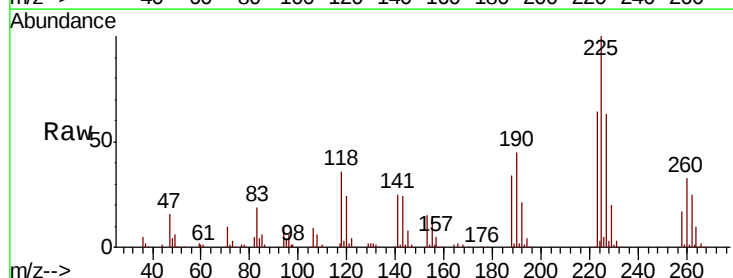
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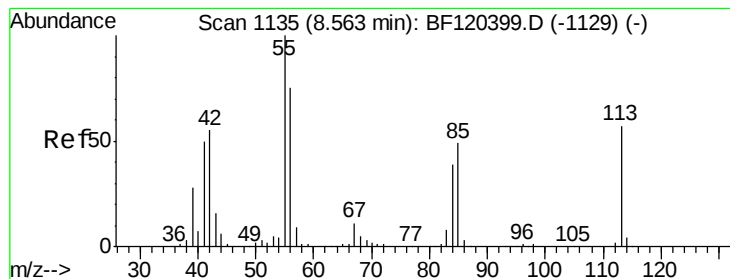
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#34
Hexachlorobutadiene
Concen: 36.442 ng
RT: 8.26 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	62.8	52.1	78.1





#35

Caprolactam

Concen: 38.663 ng

RT: 8.56 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

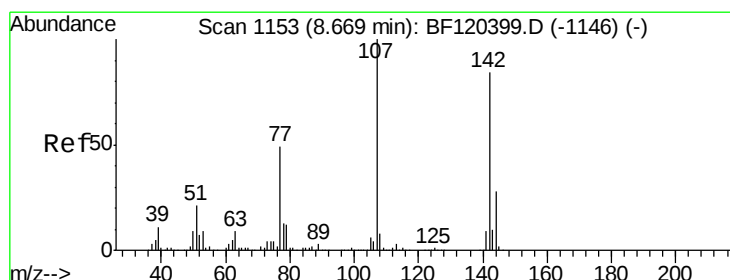
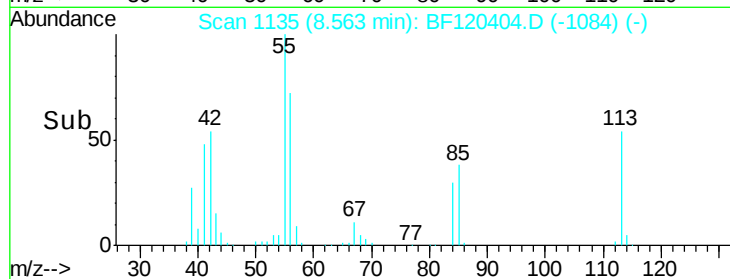
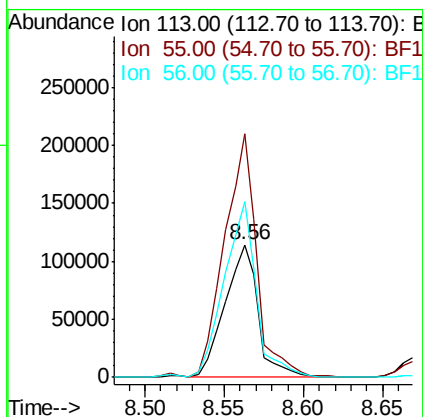
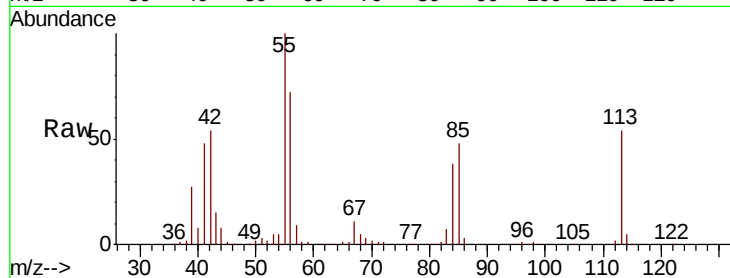
ClientSampleId :

ICVBF052820

Tot Ion:	113	Resp:	165664
Ion Ratio	Lower	Upper	
113	100		
55	183.8	154.9	194.9
56	133.1	110.9	150.9

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 38.518 ng

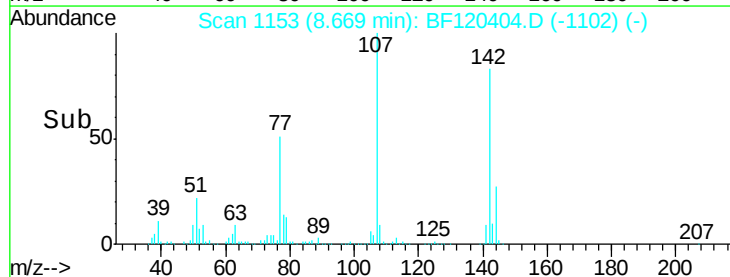
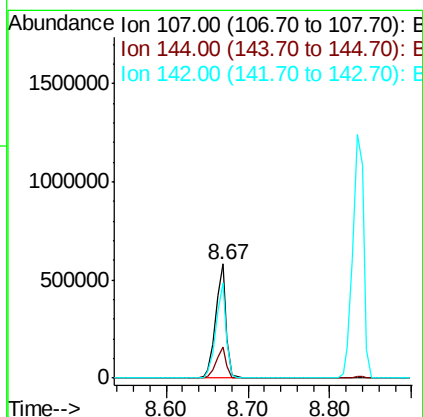
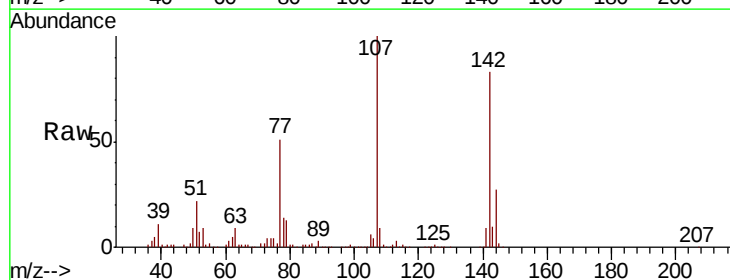
RT: 8.67 min Scan# 1153

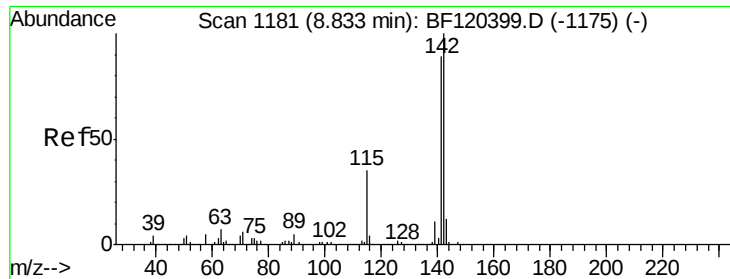
Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Tgt Ion:	107	Resp:	517036
Ion Ratio	Lower	Upper	
107	100		
144	26.9	22.0	33.0
142	83.1	67.0	100.4





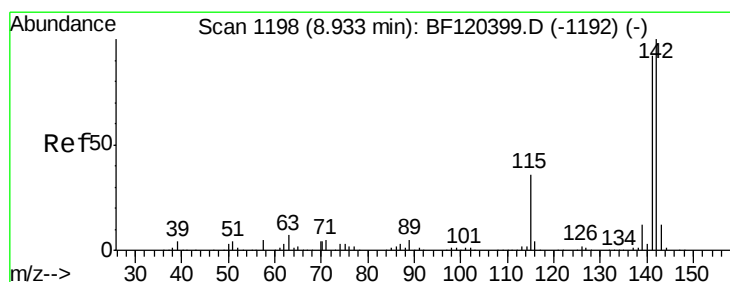
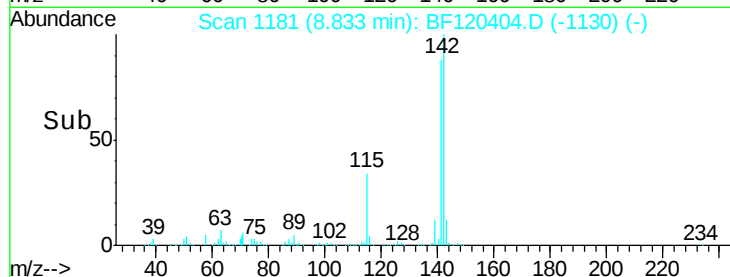
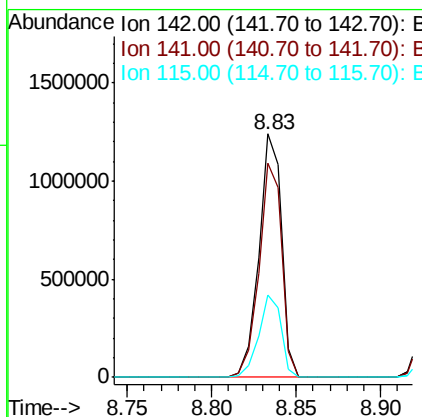
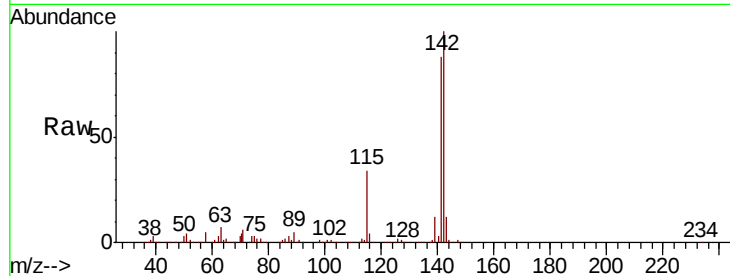
#37
2-Methylnaphthalene
Concen: 39.104 ng
RT: 8.83 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.0
115	34.0	27.8	41.8

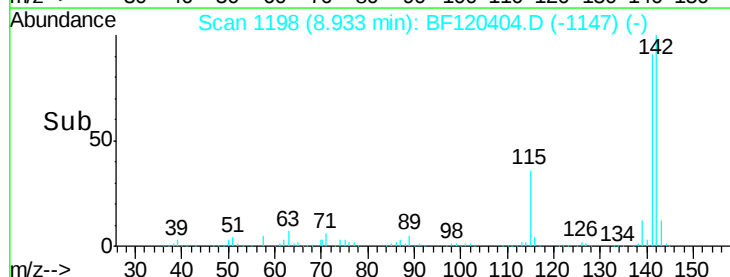
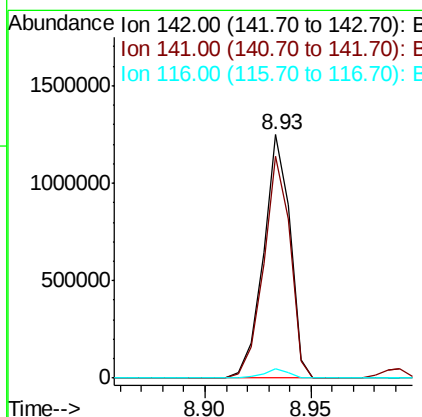
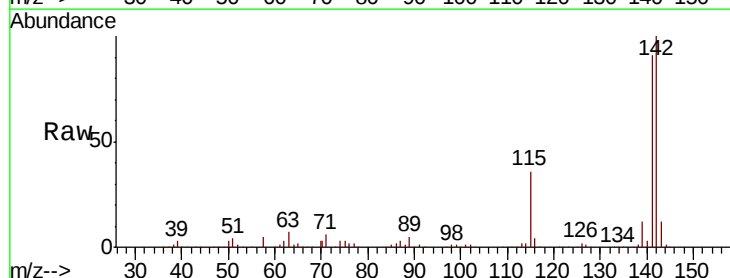
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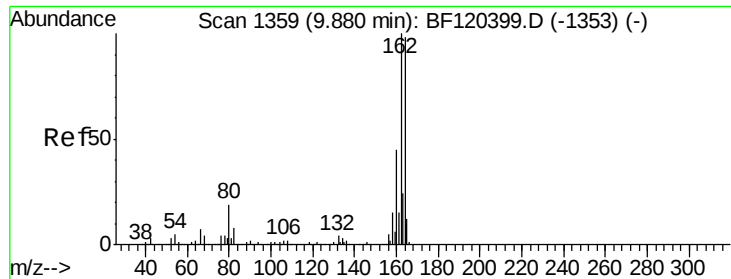
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#38
1-Methylnaphthalene
Concen: 39.009 ng
RT: 8.93 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.9	110.9
116	3.8	3.1	4.7





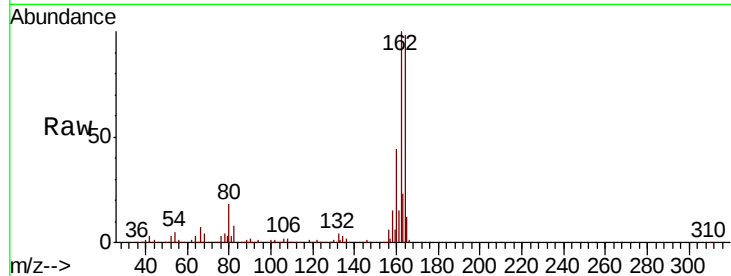
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	81.3	121.9	
160	45.3	36.9	55.3	

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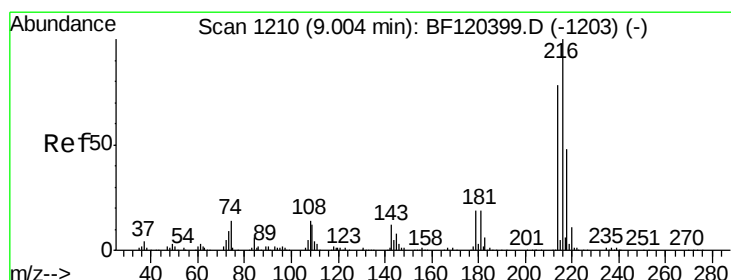
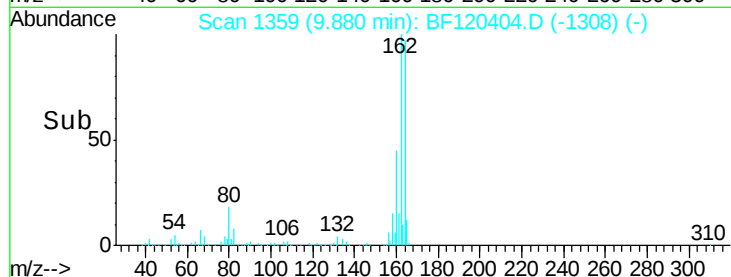
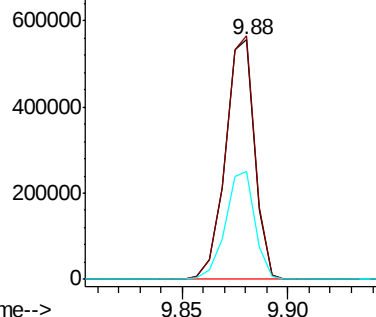


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.229 ng
RT: 9.00 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	63.6	95.4	
179	20.6	16.5	24.7	
108	19.0	15.0	22.4	

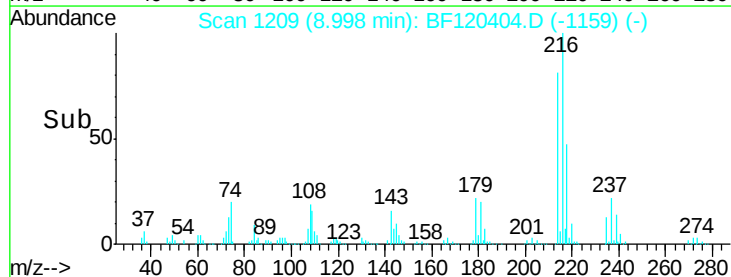
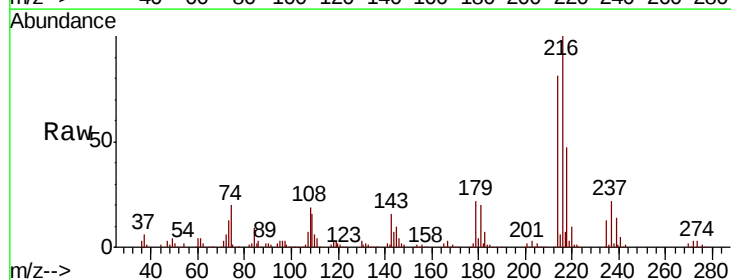
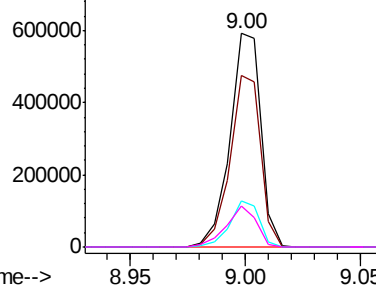
Abundance

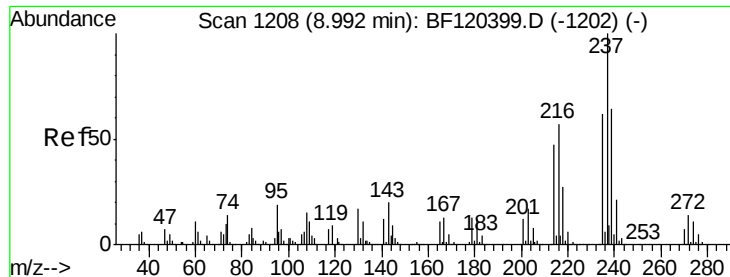
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.793 ng

RT: 8.99 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

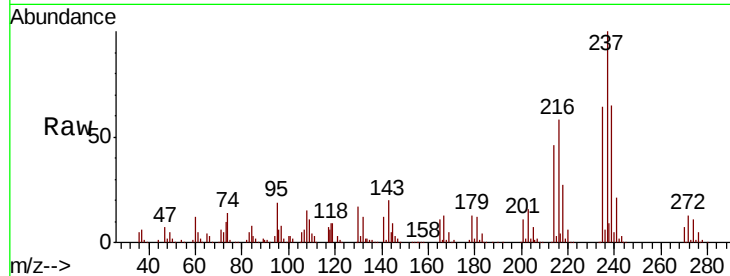
ClientSampleId :

ICVBF052820

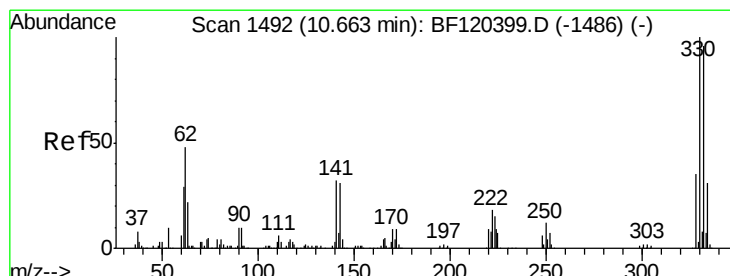
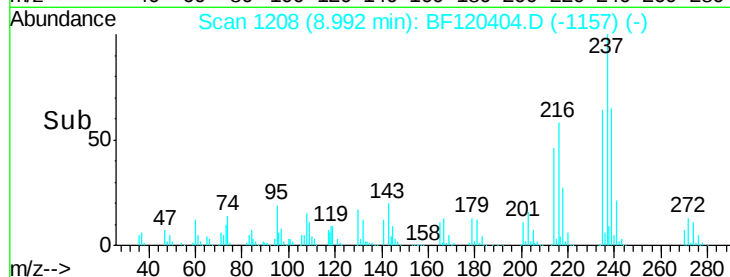
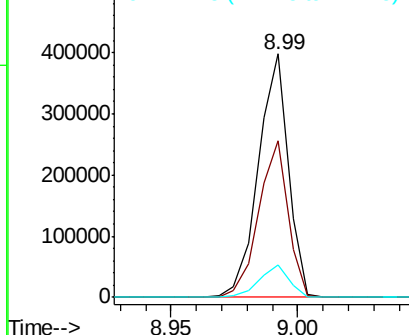
Tot Ion:	237	Resp:	329138
Ion Ratio		Lower	Upper
237	100		
235	64.4	42.4	82.4
272	13.5	0.0	33.6

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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: 78.113 ng

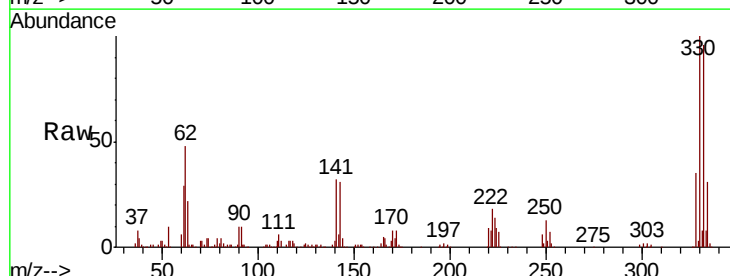
RT: 10.66 min Scan# 1492

Delta R.T. 0.00 min

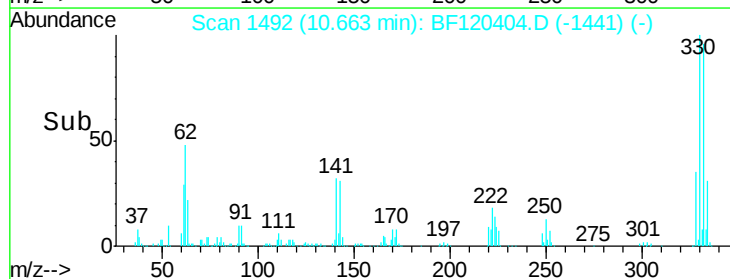
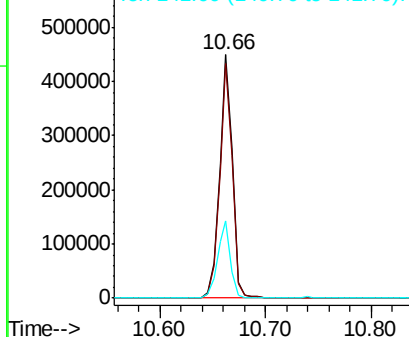
Lab File: BF120404.D

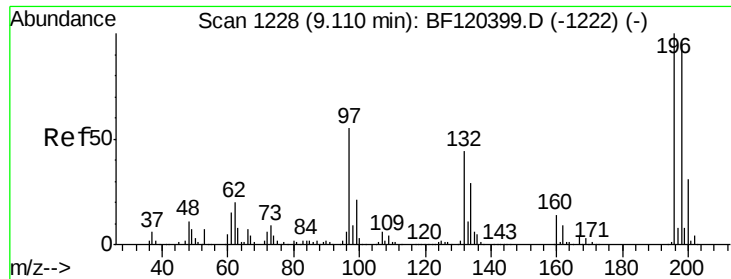
Acq: 28 May 2020 13:15

Tgt Ion:	330	Resp:	388938
Ion Ratio		Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.9	25.3	37.9



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





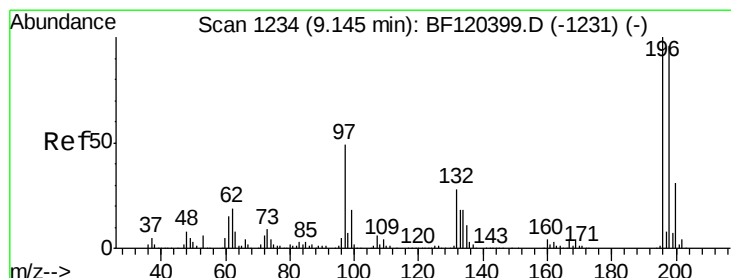
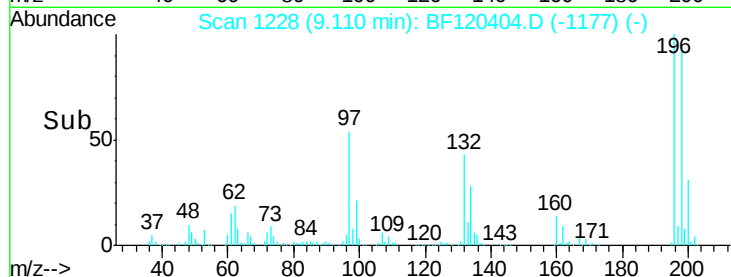
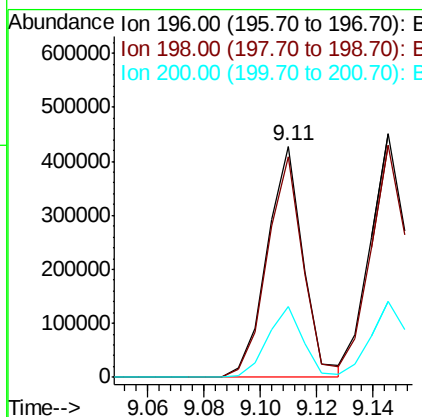
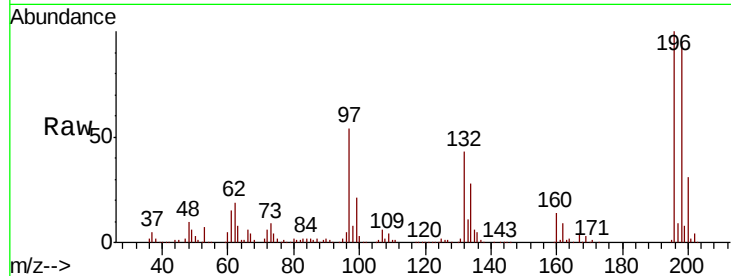
#43
 2,4,6-Trichlorophenol
 Concen: 37.932 ng
 RT: 9.11 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Tot Ion	Ratio	Resp	Lower	Upper
196	100	378067		
198	95.3	77.1	115.7	
200	30.8	25.0	37.6	

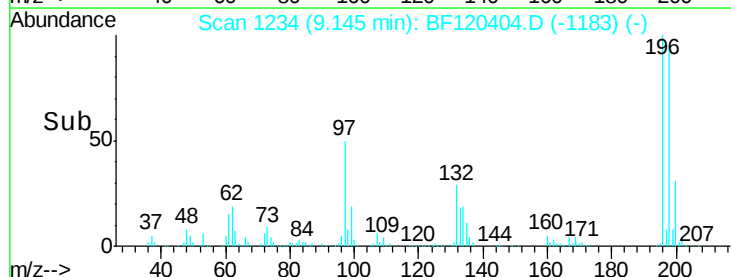
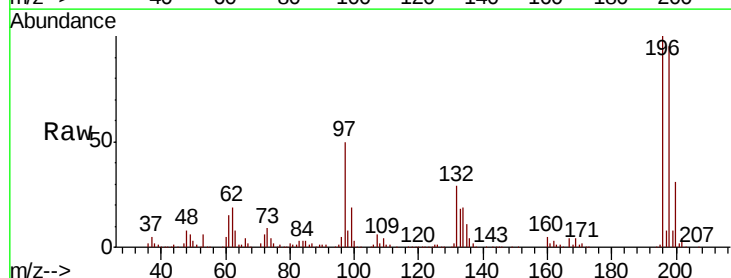
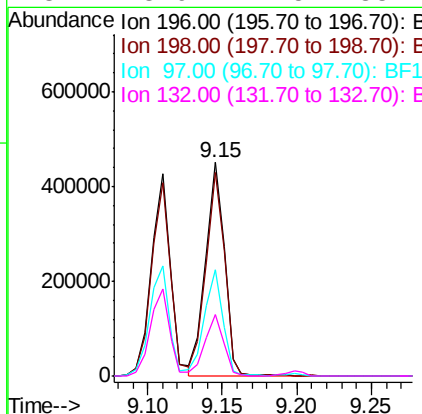
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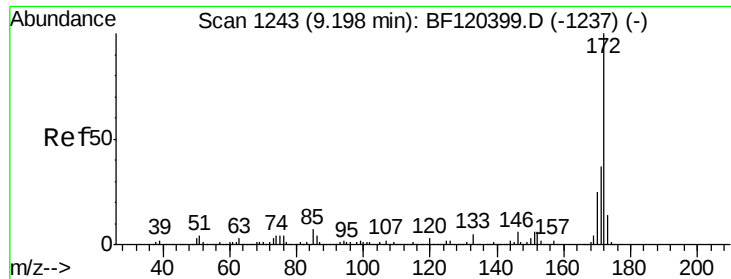
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 34.750 ng
 RT: 9.15 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	392602		
198	95.4	76.6	115.0	
97	49.5	39.5	59.3	
132	28.9	22.5	33.7	





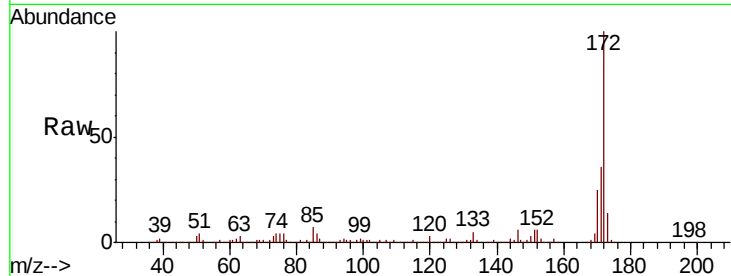
#45
2-Fluorobiphenyl
Concen: 69.251 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.8	19.9	29.9

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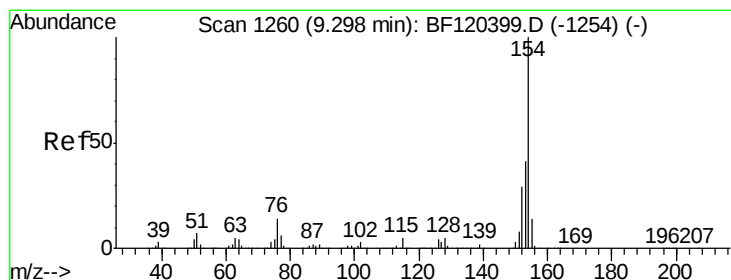
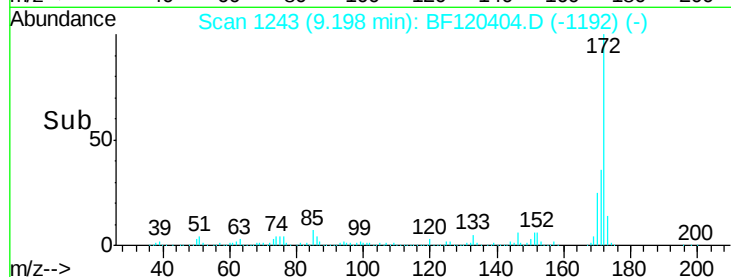
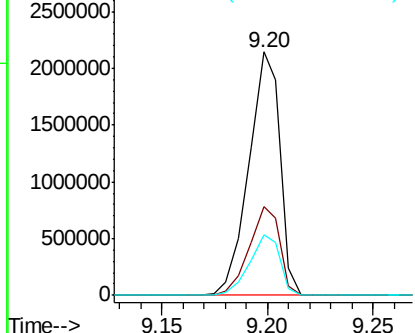


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.813 ng
RT: 9.30 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

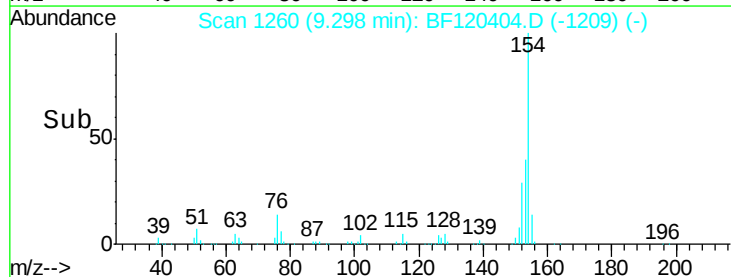
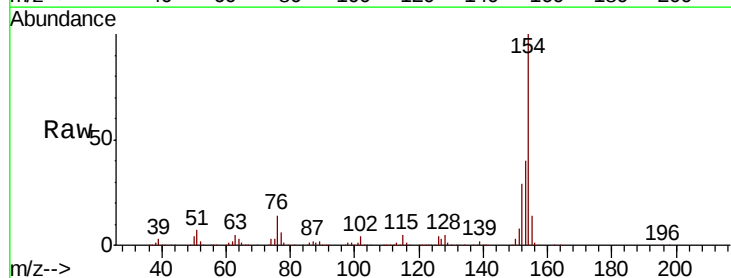
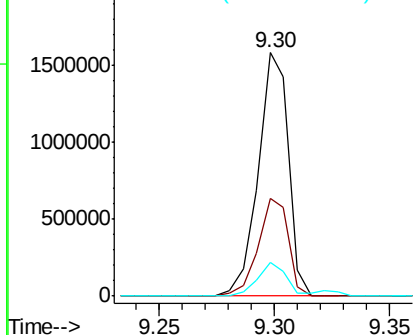
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.9	60.9
76	13.6	0.0	33.7

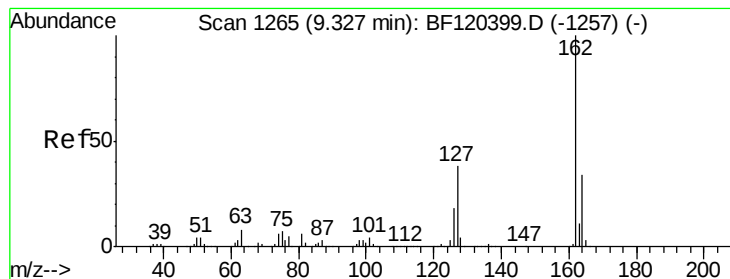
Abundance

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





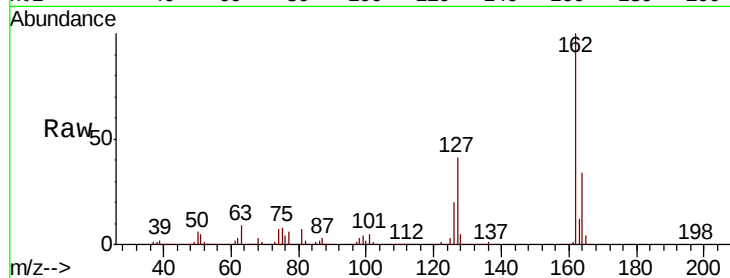
#47
 2-Chloronaphthalene
 Concen: 37.276 ng
 RT: 9.32 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

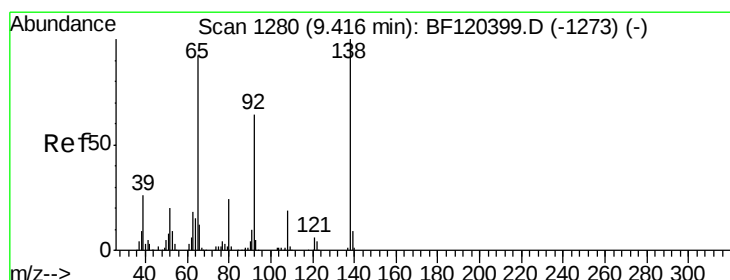
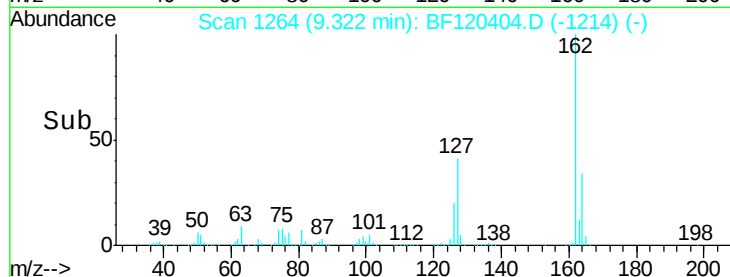
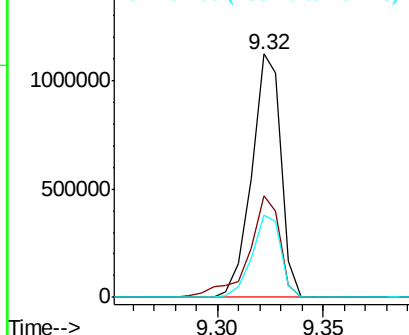
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	30.6	46.0
164	33.7	27.1	40.7

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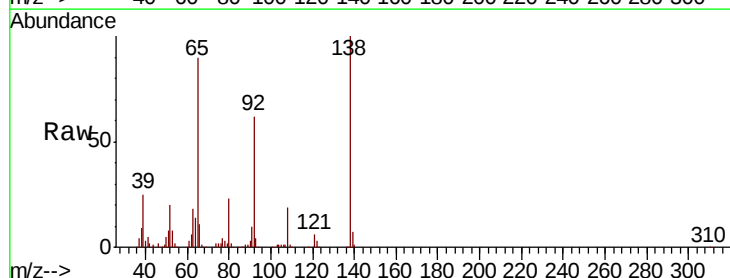


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

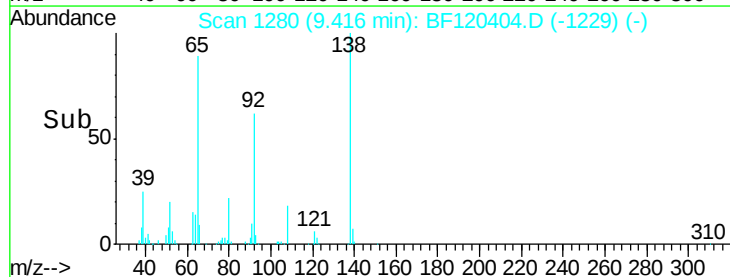
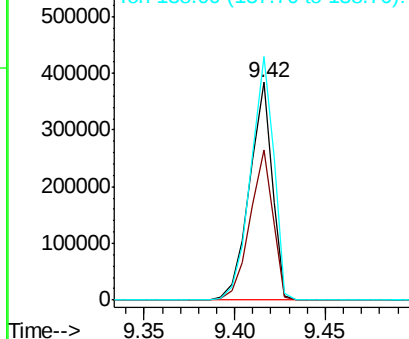


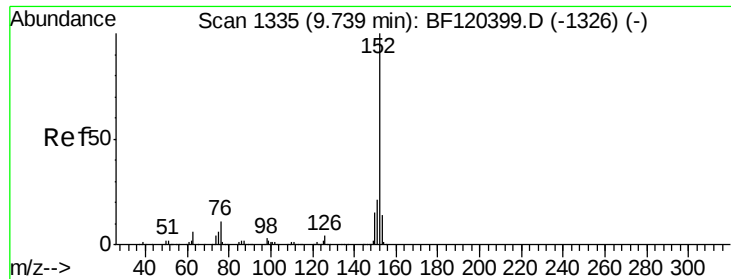
#48
 2-Nitroaniline
 Concen: 37.907 ng
 RT: 9.42 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.7	83.5
138	111.7	86.9	130.3



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





#49

Acenaphthylene

Concen: 38.721 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

Tot Ion:152 Resp: 1739410

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

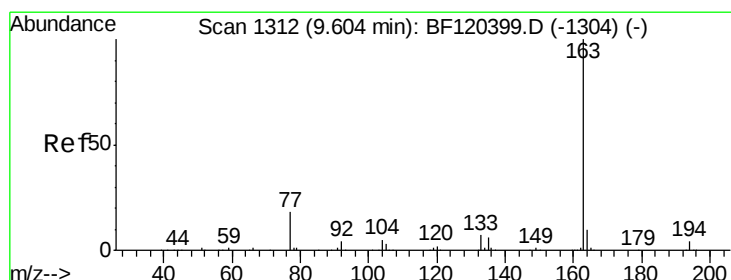
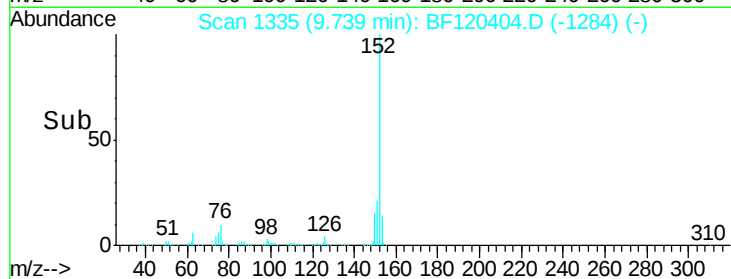
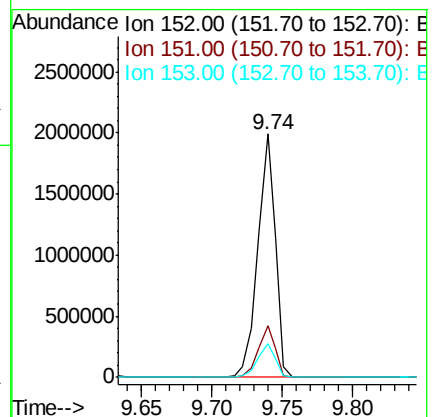
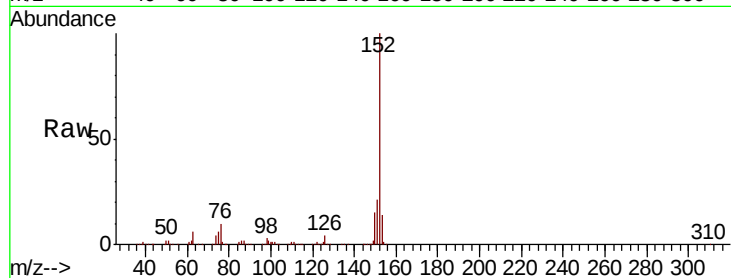
153 13.9 11.2 16.8

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#50

Dimethylphthalate

Concen: 37.150 ng

RT: 9.60 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

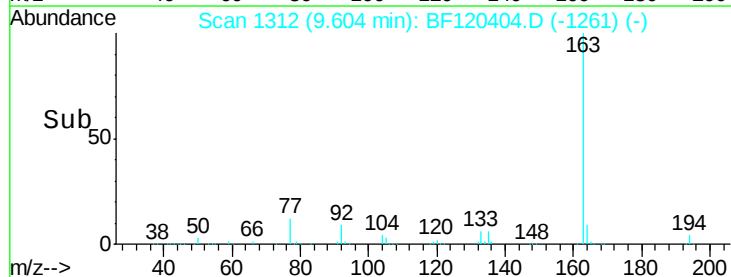
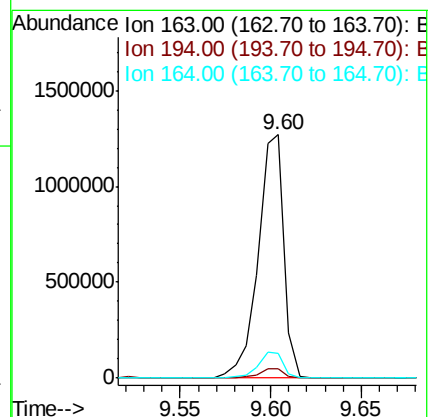
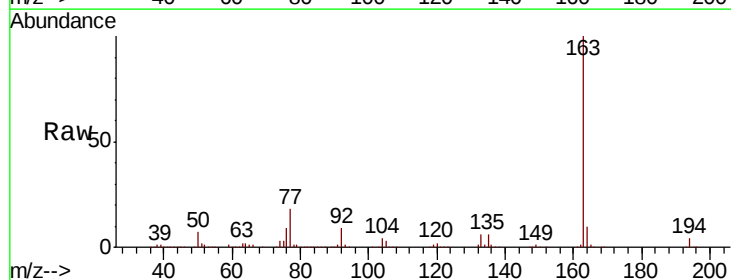
Tgt Ion:163 Resp: 1248105

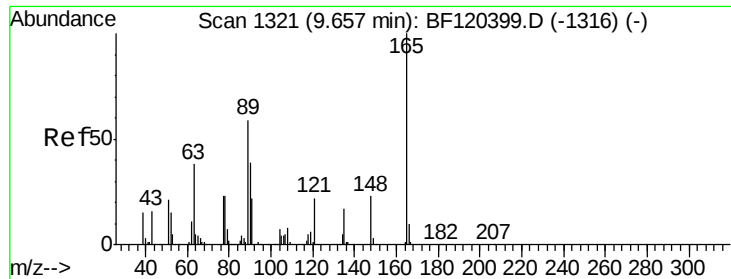
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 38.165 ng

RT: 9.66 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

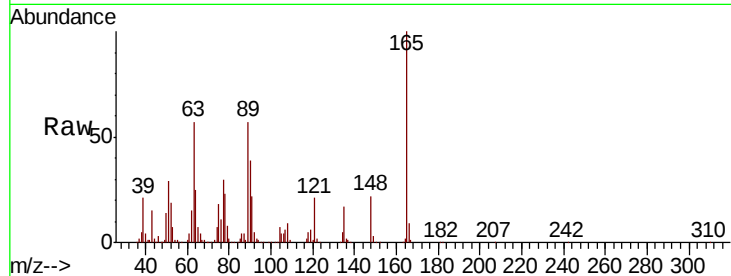
ClientSampleId :

ICVBF052820

Tot Ion:	165	Resp:	284949
Ion Ratio	Lower	Upper	
165	100		
63	57.1	46.9	70.3
89	56.8	47.5	71.3

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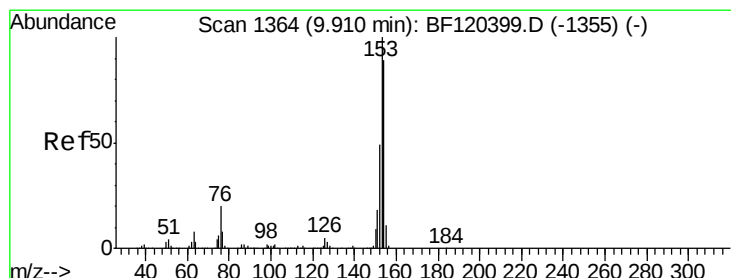
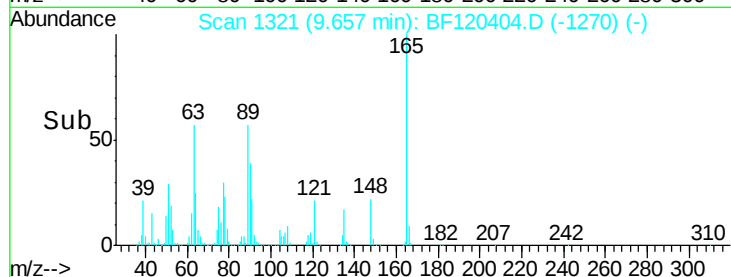
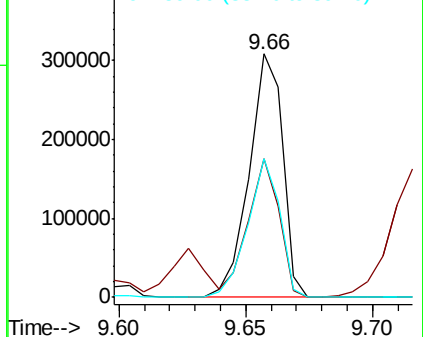
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.158 ng

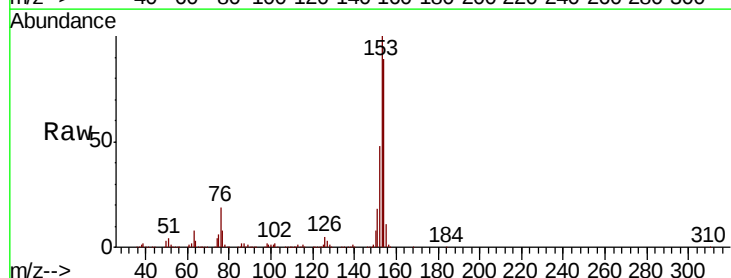
RT: 9.91 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

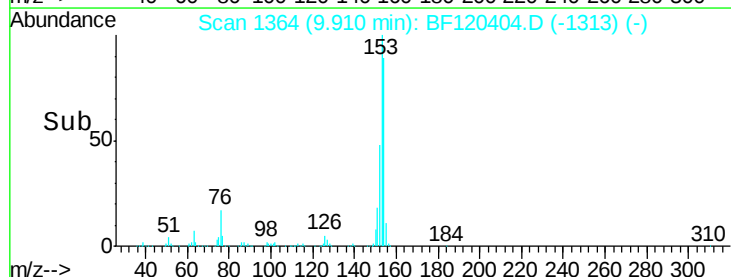
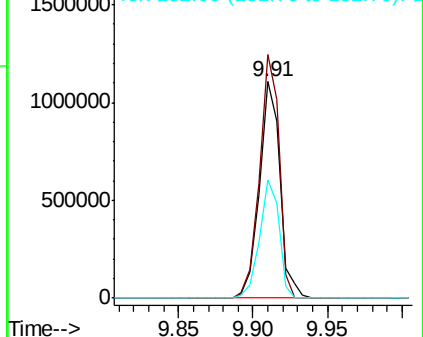
Tgt Ion:	154	Resp:	1041766
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.0	135.0
152	54.4	43.9	65.9

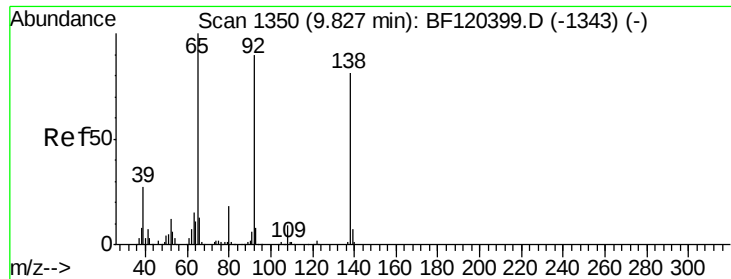


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





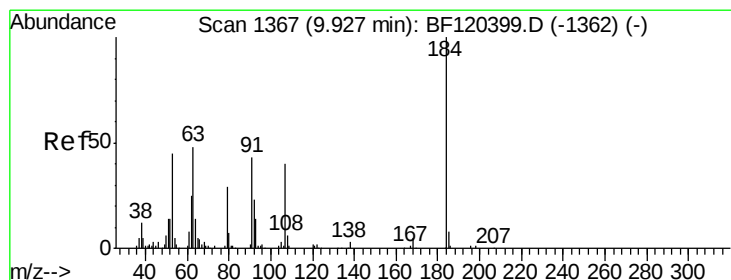
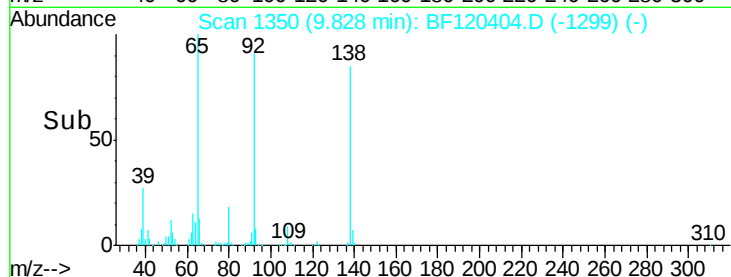
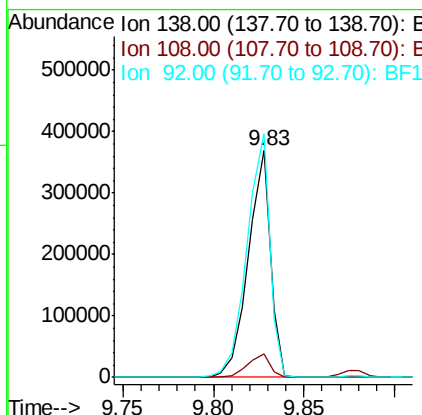
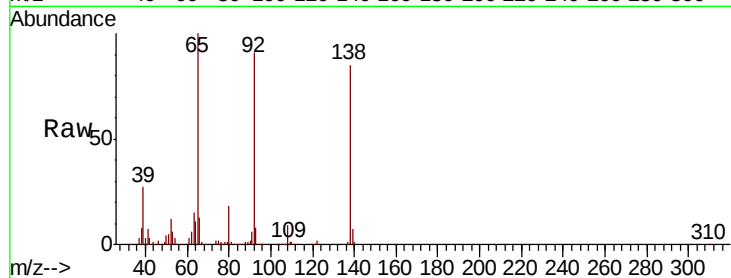
#53
3-Nitroaniline
Concen: 35.945 ng
RT: 9.83 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.5	12.7
92	107.4	89.0	133.4

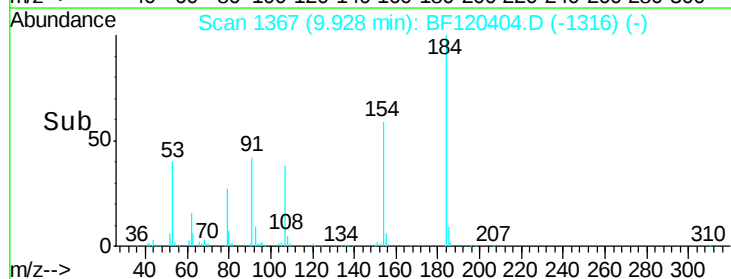
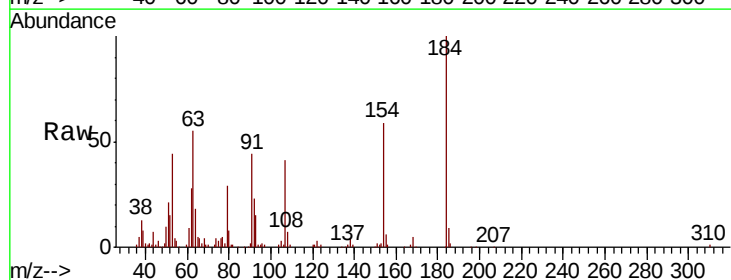
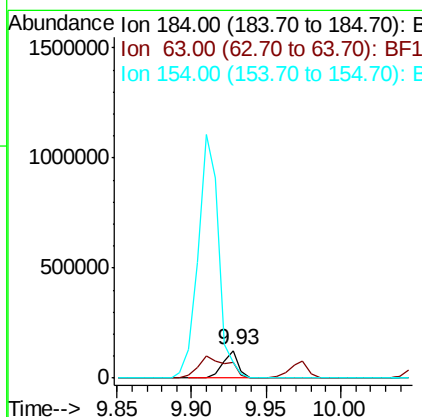
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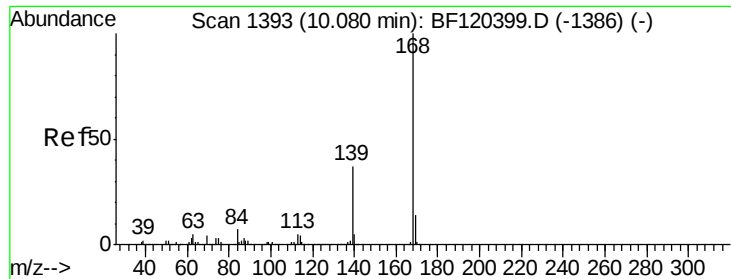
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#54
2,4-Dinitrophenol
Concen: 36.110 ng
RT: 9.93 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.0	45.9	68.9
154	59.1	46.4	69.6





#55

Dibenzofuran

Concen: 37.824 ng

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

Tot Ion:168 Resp: 1541035

Ion Ratio Lower Upper

168 100

139 37.7 30.0 45.0

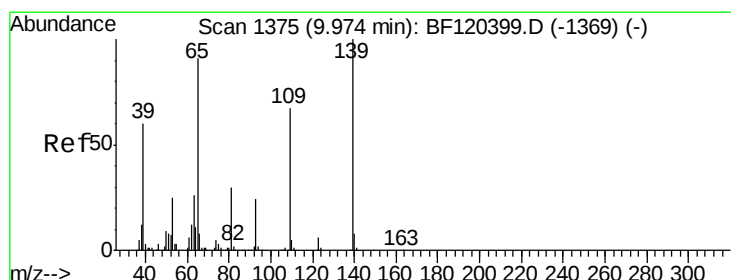
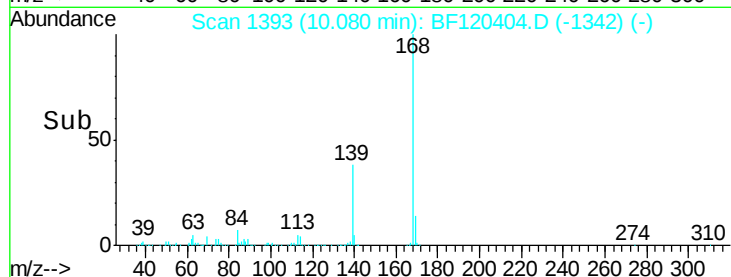
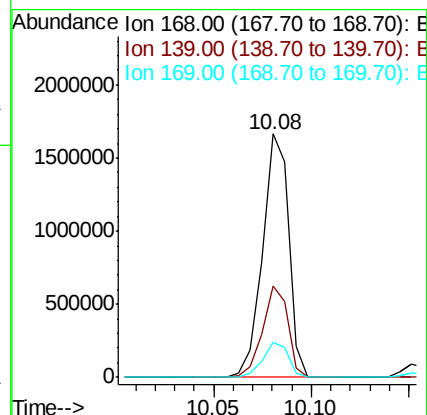
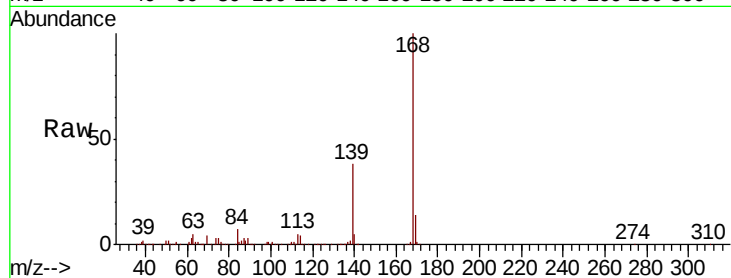
169 14.4 11.5 17.3

Manual Integrations

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#56

4-Nitrophenol

Concen: 38.080 ng

RT: 9.97 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

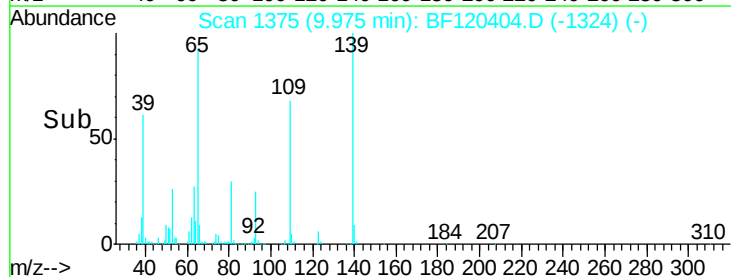
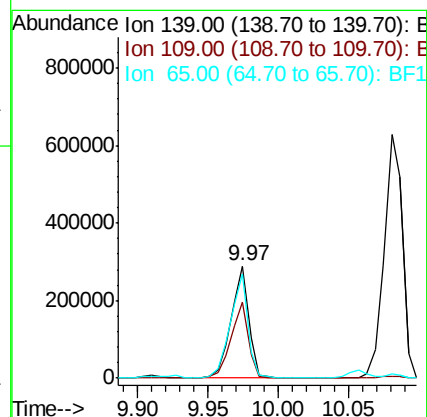
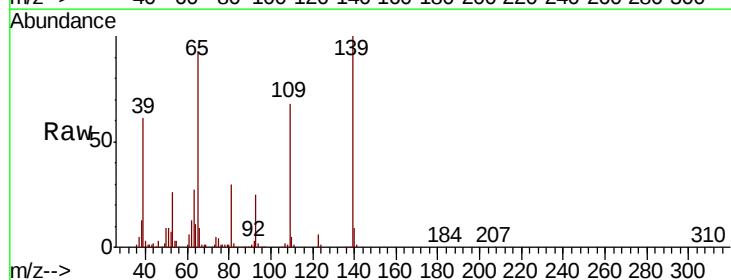
Tgt Ion:139 Resp: 255602

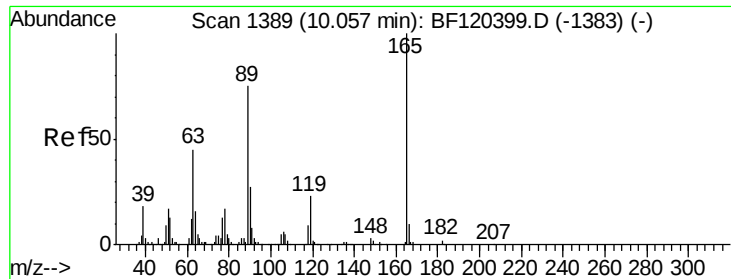
Ion Ratio Lower Upper

139 100

109 67.7 47.3 87.3

65 92.5 71.5 111.5





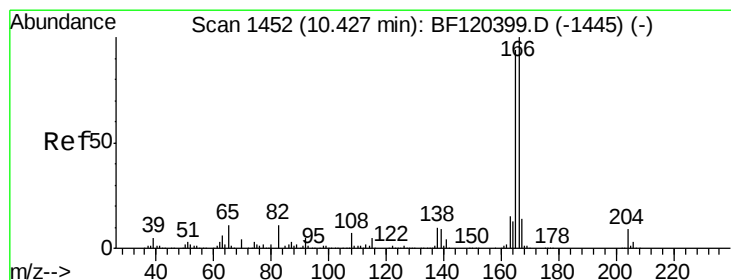
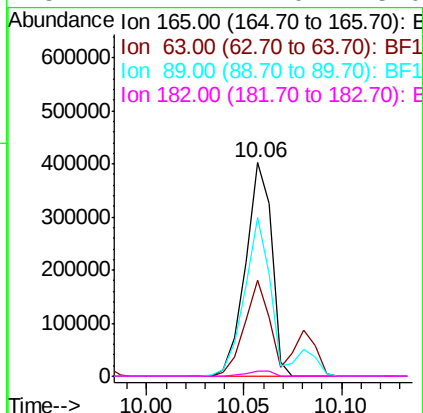
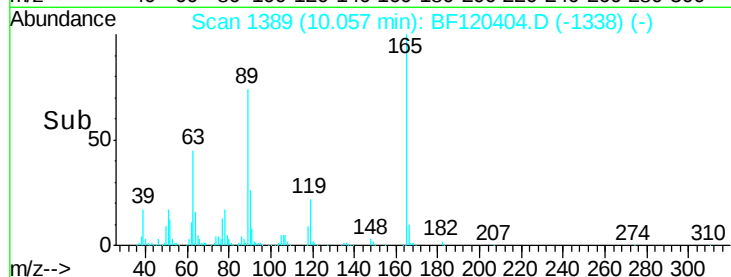
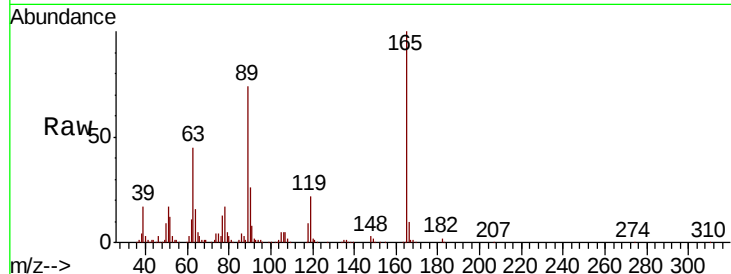
#57
2,4-Dinitrotoluene
Concen: 39.052 ng
RT: 10.06 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Resp	Lower	Upper
165	100	373158		
63	44.8	35.9	53.9	
89	74.1	60.0	90.0	
182	2.4	2.0	3.0	

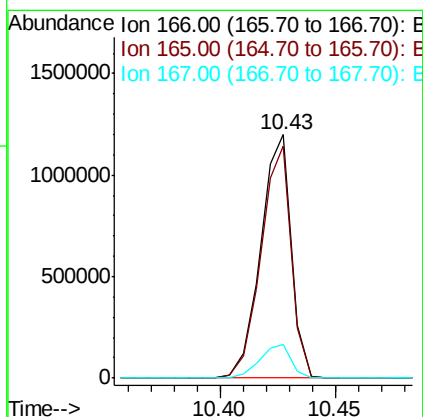
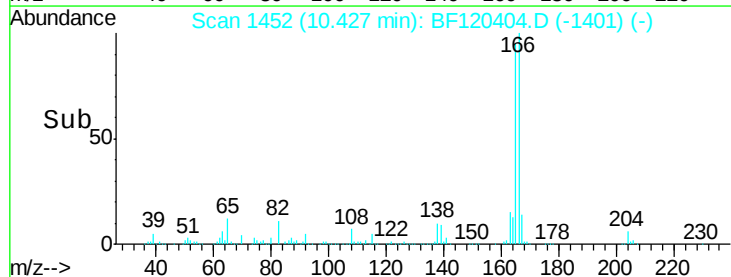
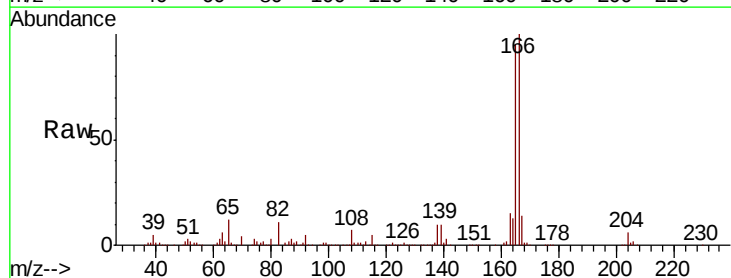
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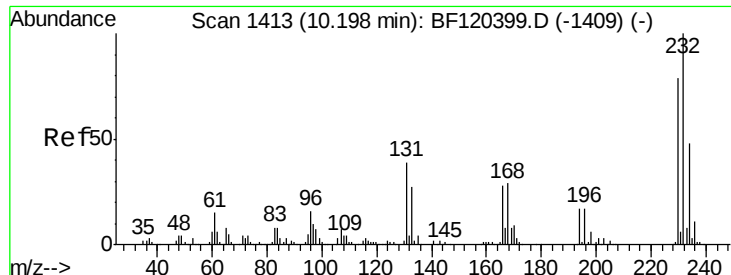
mohammad
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#58
Fluorene
Concen: 36.040 ng
RT: 10.43 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1101883		
165	95.5	75.6	113.4	
167	13.7	10.9	16.3	





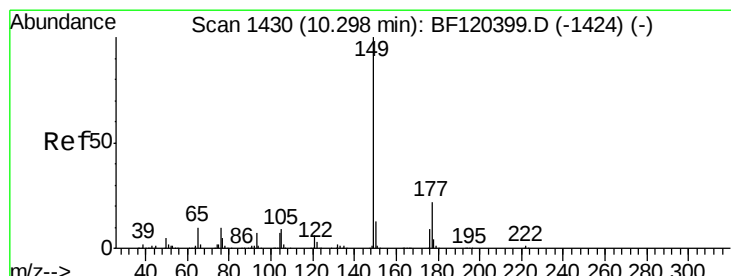
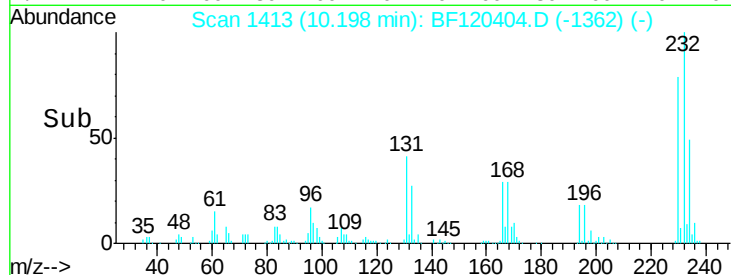
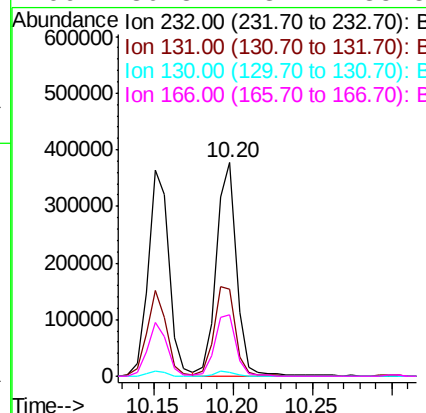
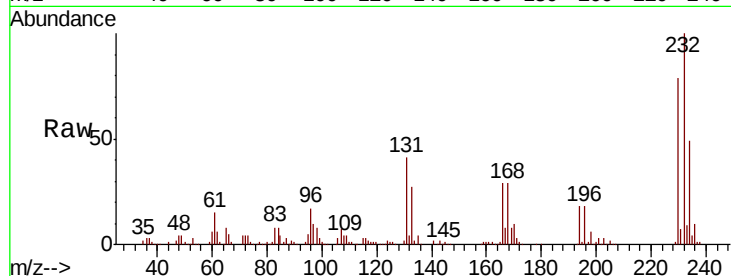
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.000 ng
 RT: 10.20 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	34.6	51.8
130	2.2	1.7	2.5
166	30.8	23.7	35.5

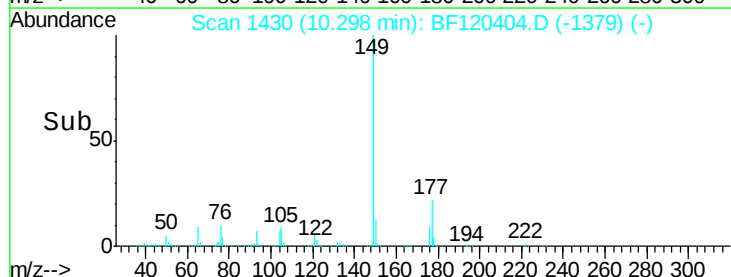
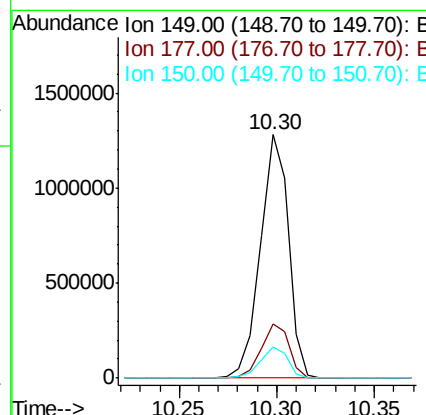
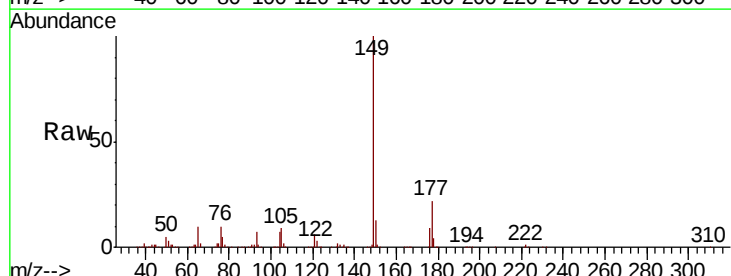
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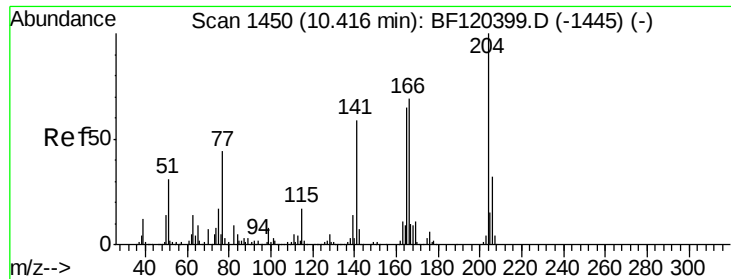
mohammad
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#60
 Diethylphthalate
 Concen: 37.472 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.9	10.3	15.5





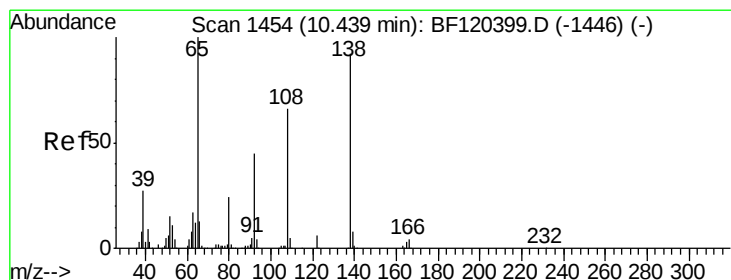
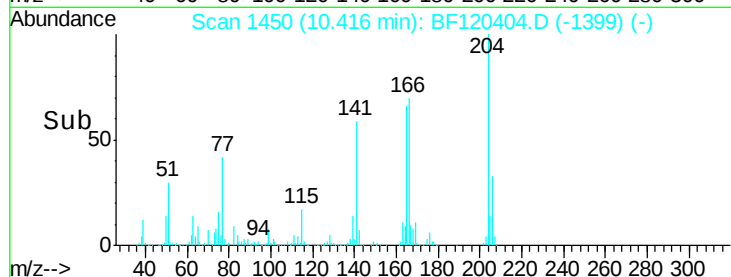
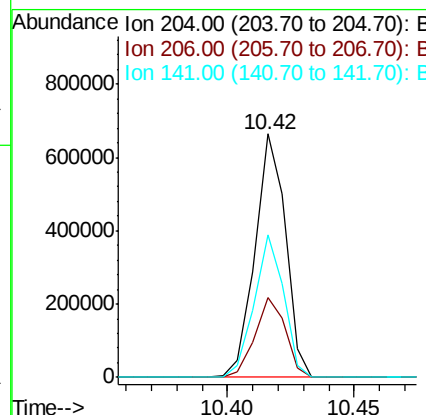
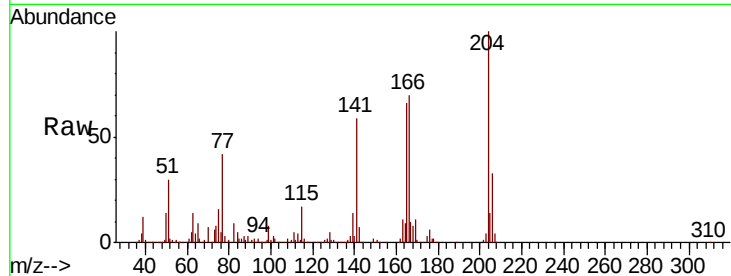
#61
4-Chlorophenyl-phenylether
Concen: 33.642 ng
RT: 10.42 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.8
141	58.7	47.2	70.8

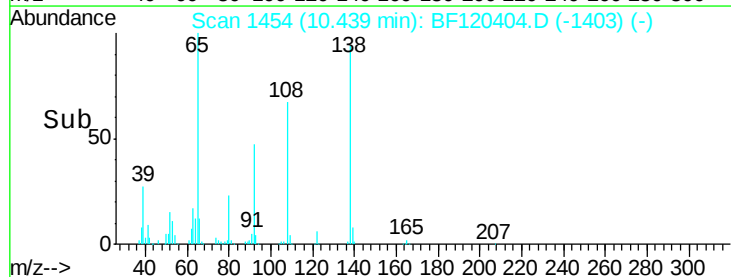
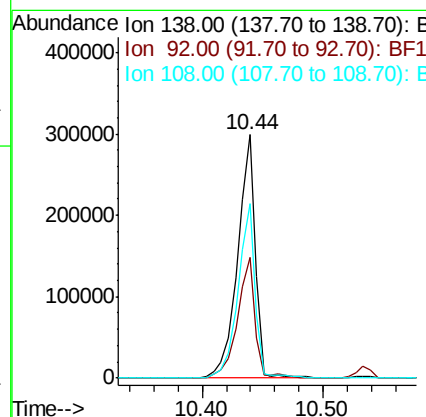
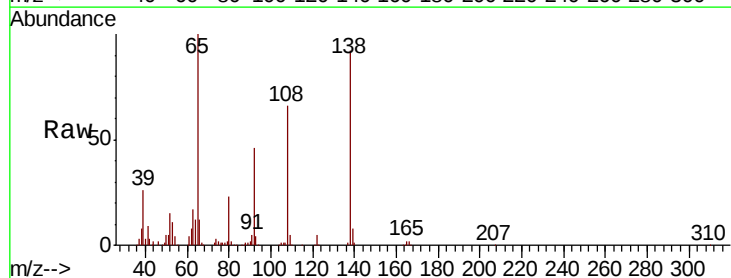
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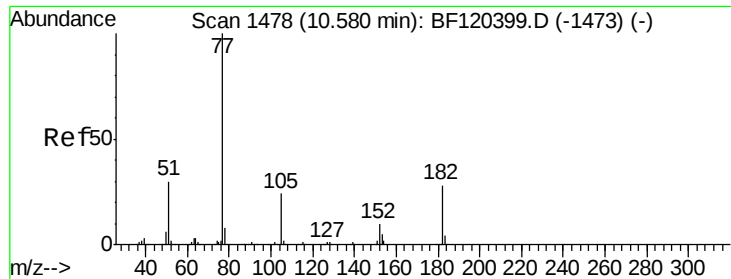
mohammad
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#62
4-Nitroaniline
Concen: 37.087 ng
RT: 10.44 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.3	69.3
108	71.9	51.8	91.8





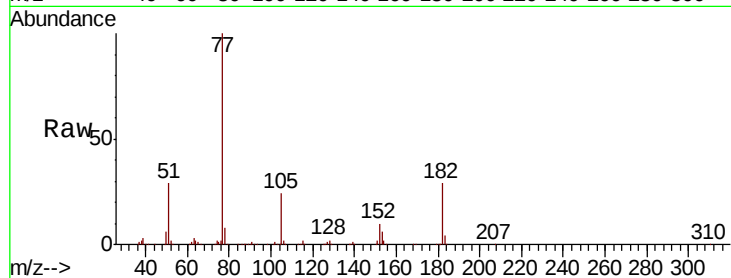
#63
Azobenzene
Concen: 37.740 ng
RT: 10.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

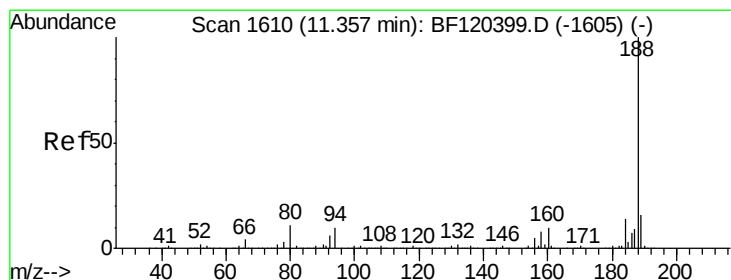
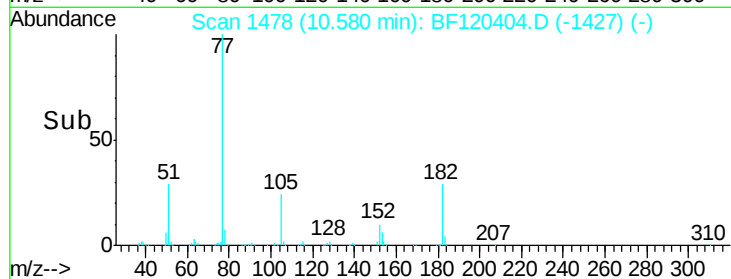
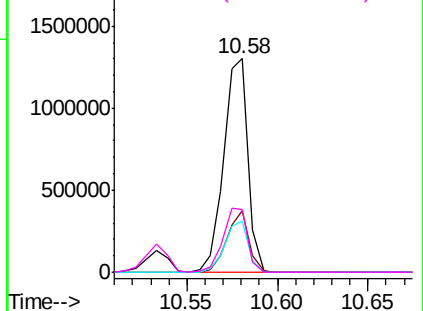
Tot Ion:	77	Resp:	1205171
Ion	Ratio	Lower	Upper
77	100		
182	29.1	8.1	48.1
105	24.1	3.8	43.8
51	29.4	10.1	50.1

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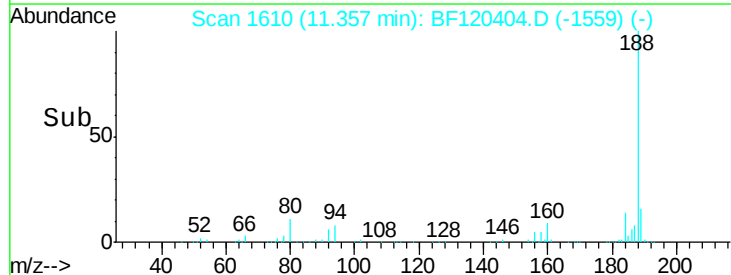
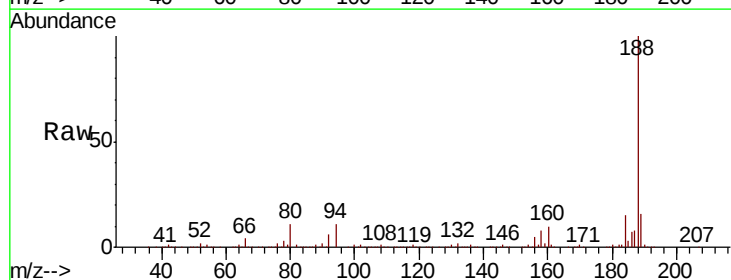
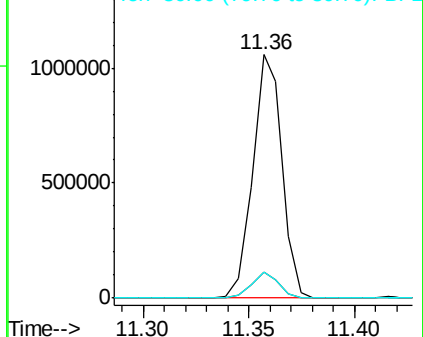
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

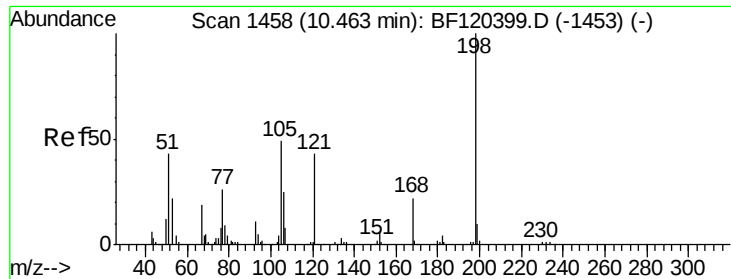


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion:	188	Resp:	1014826
Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.9	11.9
80	10.9	8.6	13.0

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





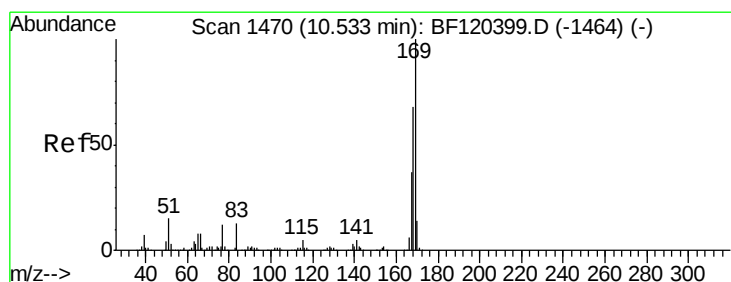
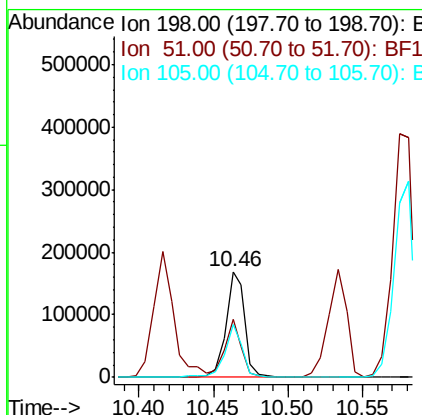
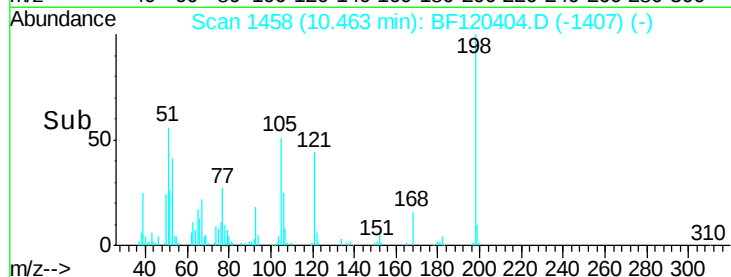
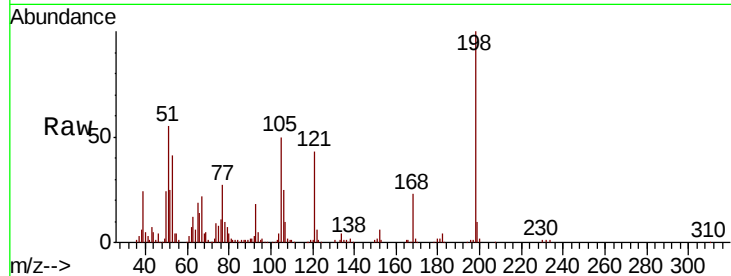
#65
4,6-Dinitro-2-methylphenol
Concen: 40.551 ng
RT: 10.46 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Resp	Lower	Upper
198	100	150101		
51	55.1	34.1	74.1	
105	50.1	30.5	70.5	

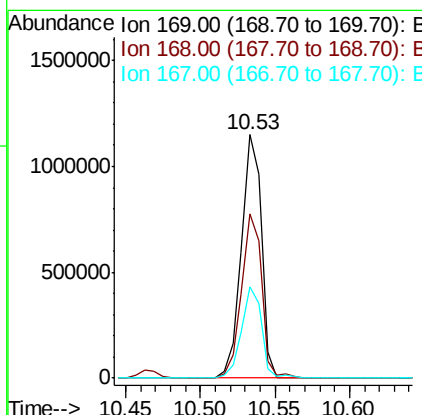
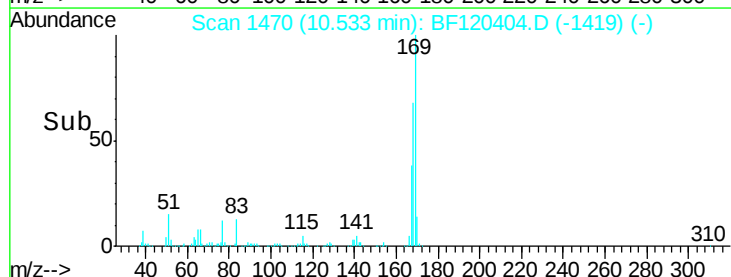
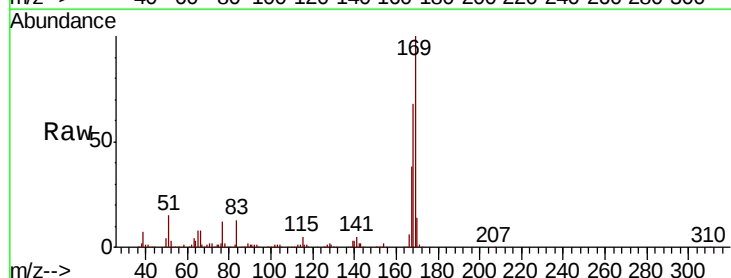
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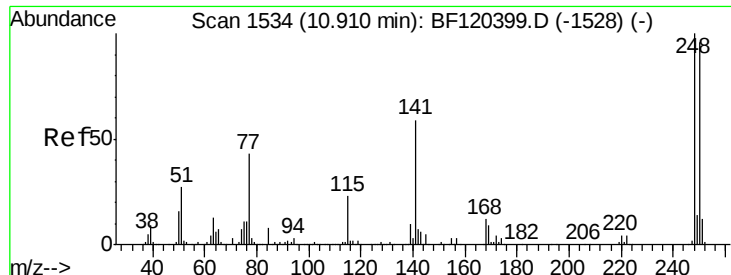
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#66
n-Nitrosodiphenylamine
Concen: 38.104 ng
RT: 10.53 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1074149		
168	67.6	54.2	81.2	
167	37.6	29.8	44.8	





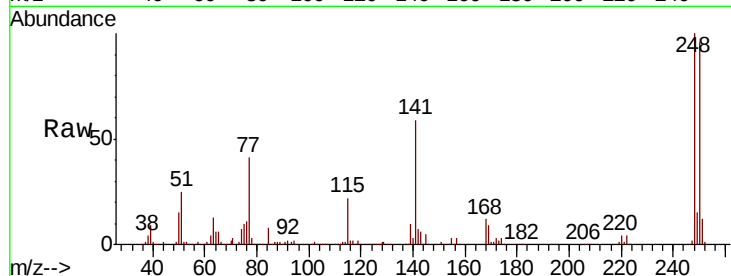
#67
 4-Bromophenyl-phenylether
 Concen: 36.663 ng
 RT: 10.91 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampled :
 ICVBF052820

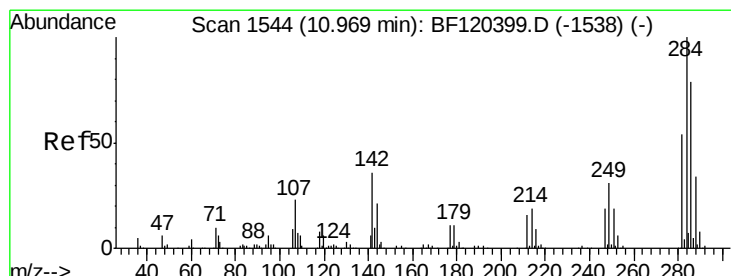
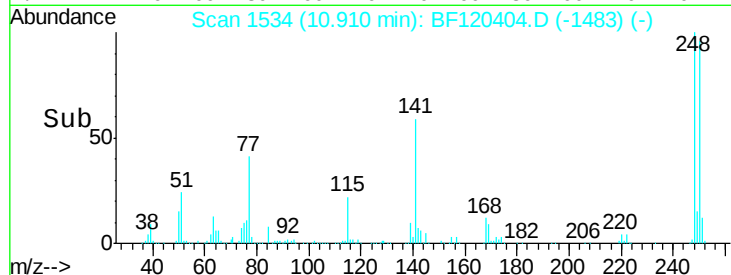
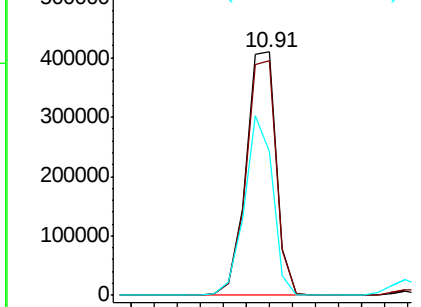
Tot Ion:	248	Resp:	375566
Ion Ratio	Lower	Upper	
248	100		
250	96.4	76.5	114.7
141	59.1	47.2	70.8

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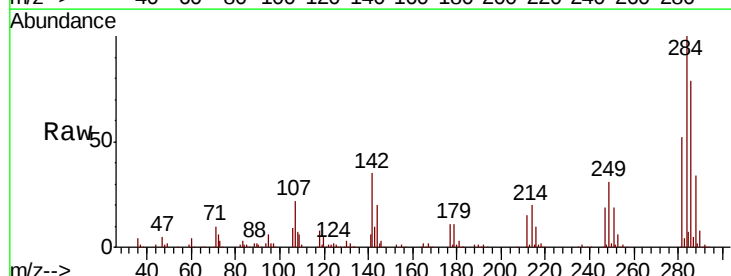


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

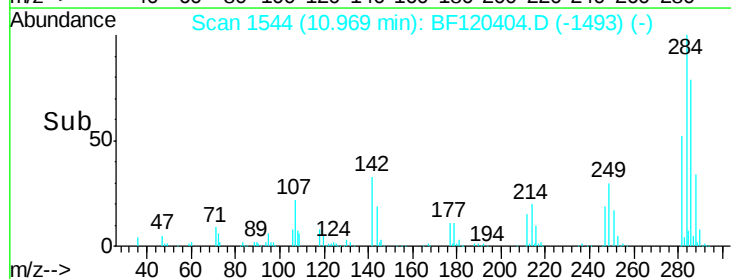
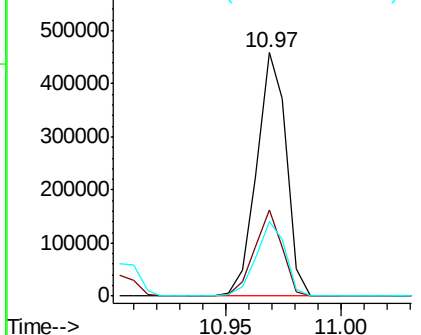


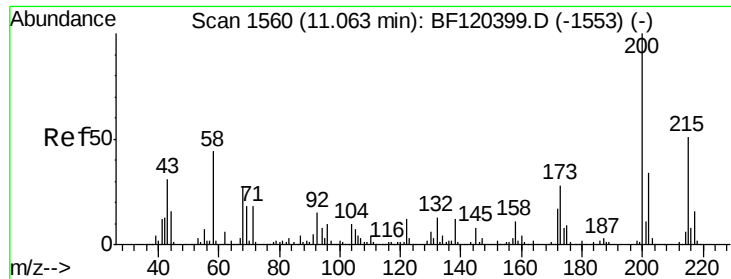
#68
 Hexachlorobenzene
 Concen: 37.653 ng
 RT: 10.97 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion:	284	Resp:	410763
Ion Ratio	Lower	Upper	
284	100		
142	35.4	28.5	42.7
249	30.7	25.0	37.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





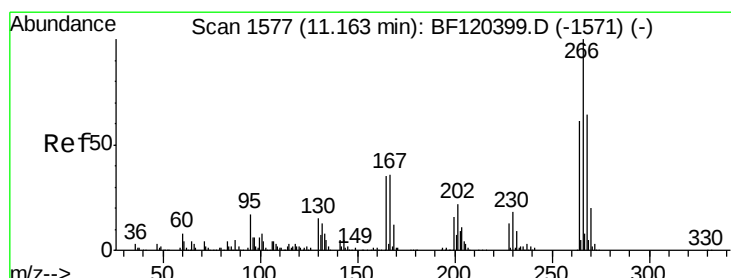
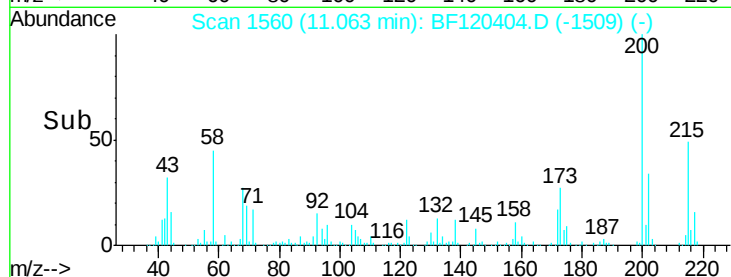
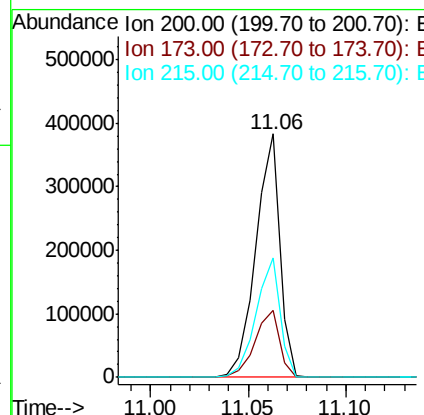
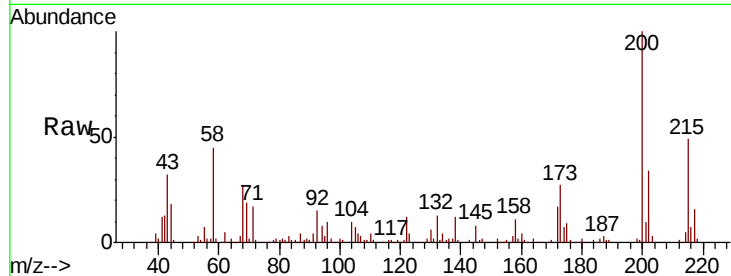
#69
 Atrazine
 Concen: 41.173 ng
 RT: 11.06 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.9	47.9
215	49.1	31.2	71.2

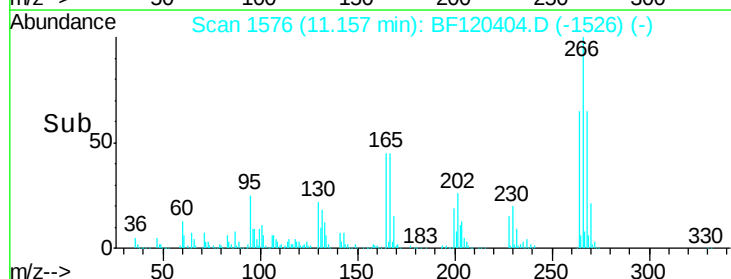
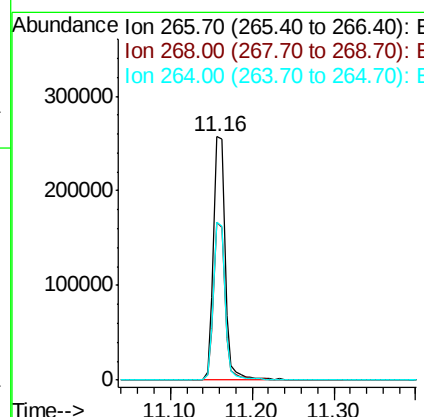
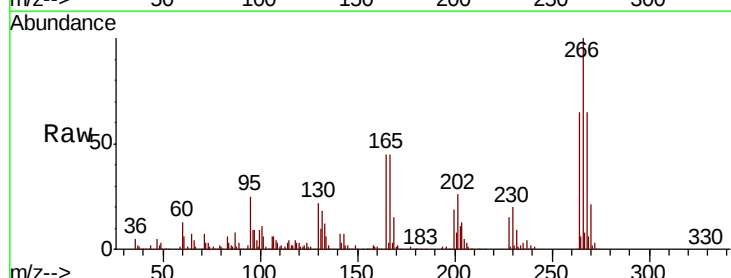
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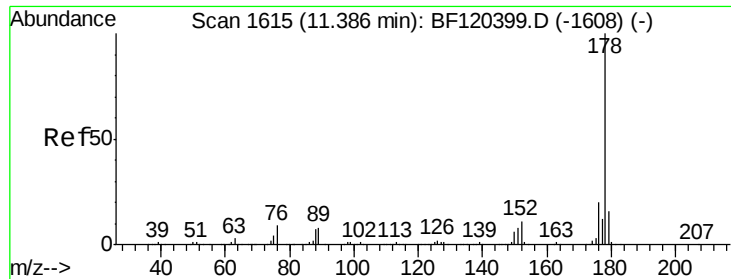
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#70
 Pentachlorophenol
 Concen: 38.664 ng
 RT: 11.16 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.5	77.3
264	64.6	49.1	73.7





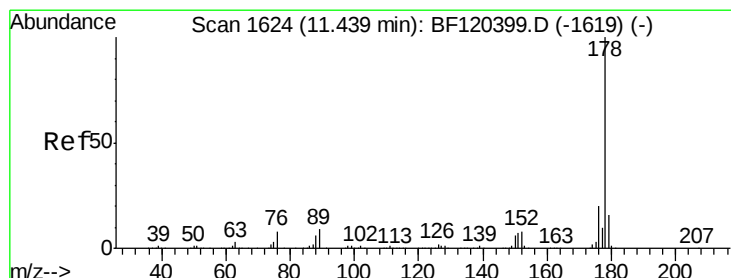
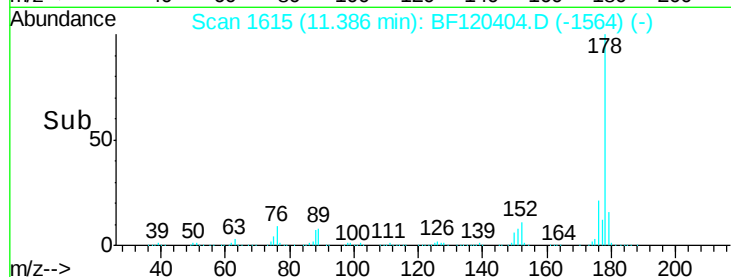
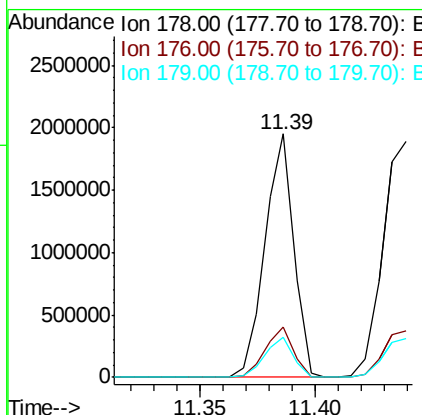
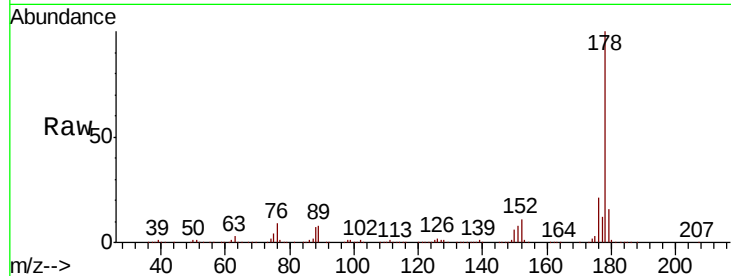
#71
Phenanthrene
Concen: 38.051 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.4	13.0	19.4

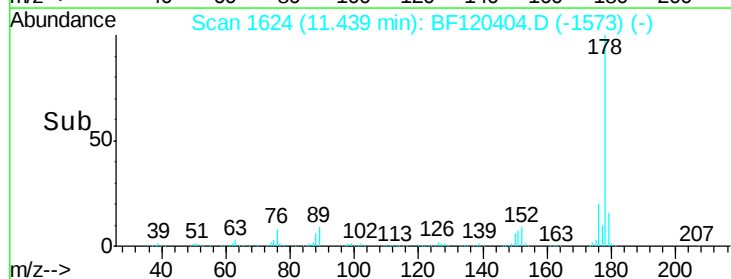
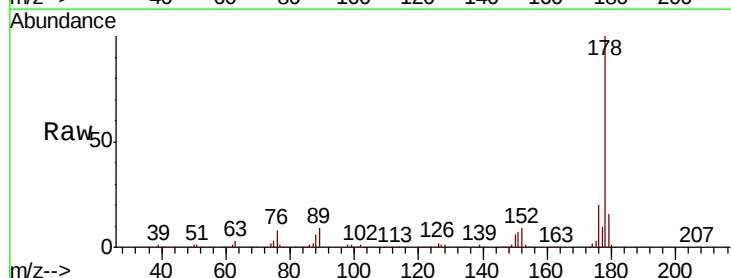
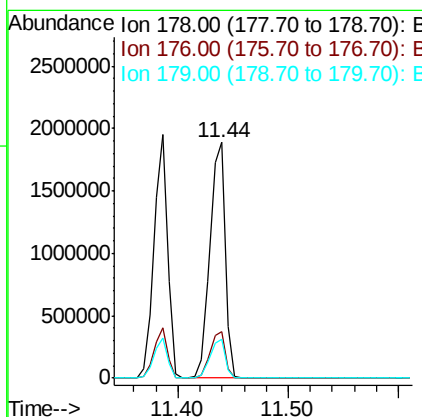
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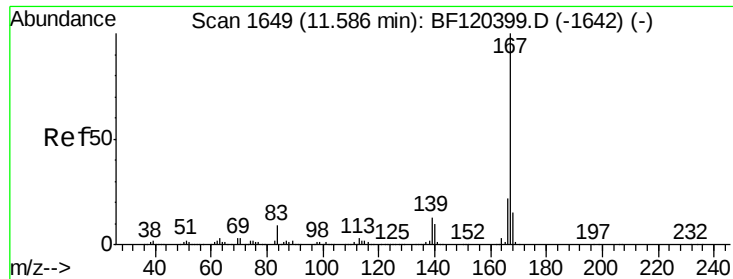
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#72
Anthracene
Concen: 39.332 ng
RT: 11.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.2	12.8	19.2





#73

Carbazole

Concen: 37.467 ng

RT: 11.59 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

Tot Ion:167 Resp: 1625872

Ion Ratio Lower Upper

167 100

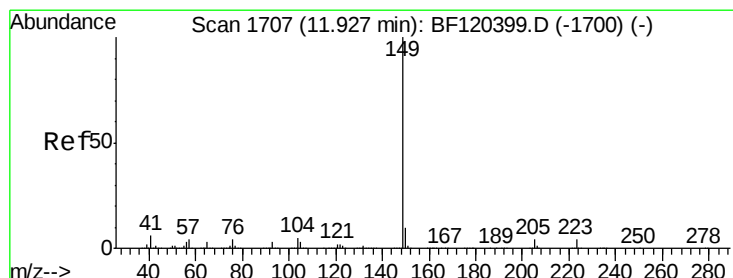
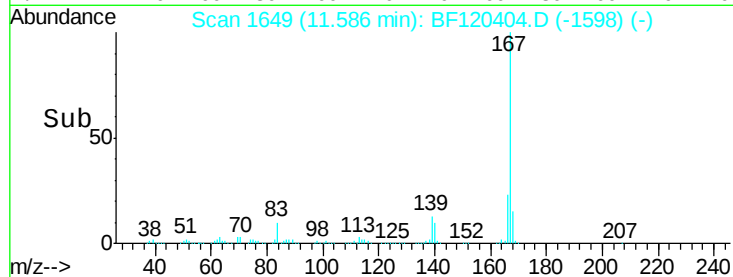
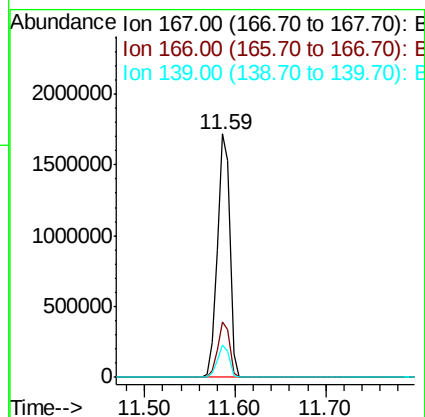
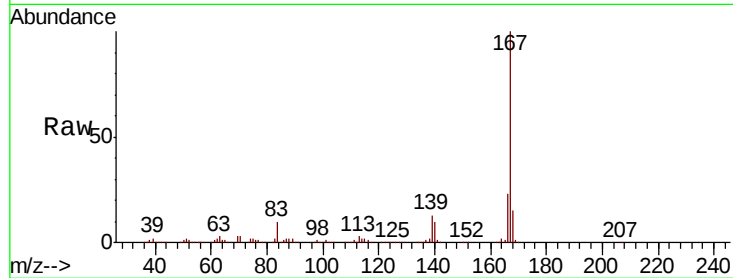
166 22.7 17.8 26.6

139 13.3 10.4 15.6

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#74

Di-n-butylphthalate

Concen: 38.202 ng

RT: 11.93 min Scan# 1707

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

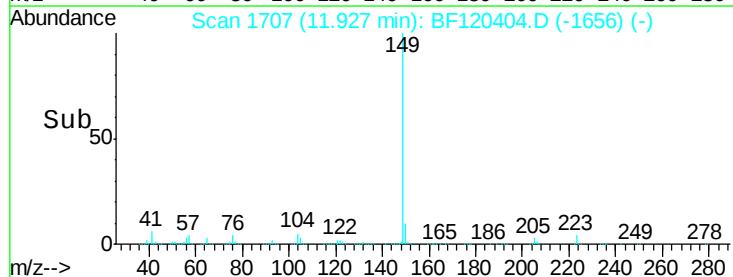
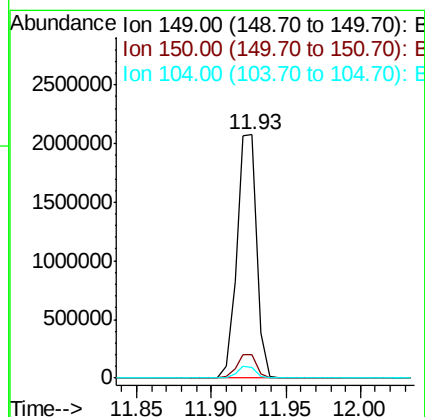
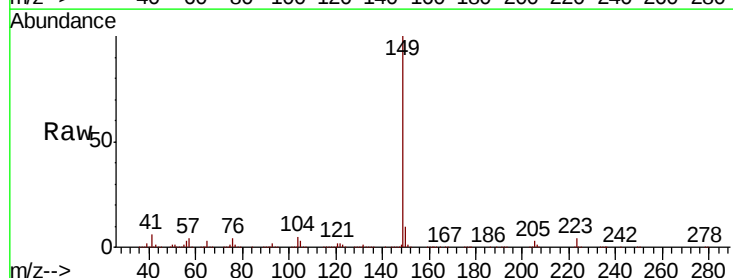
Tgt Ion:149 Resp: 1928433

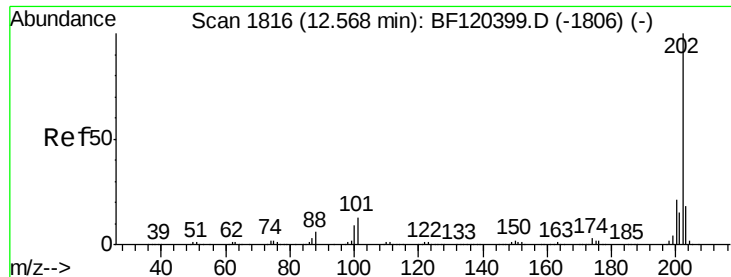
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 4.6 3.6 5.4





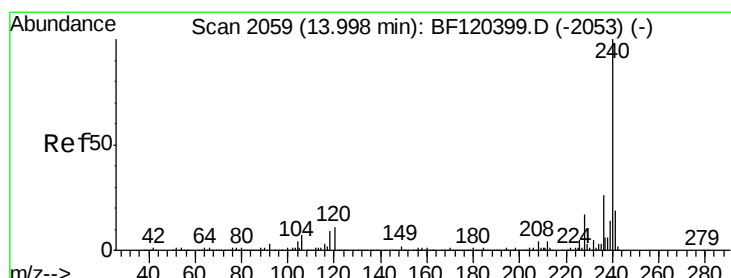
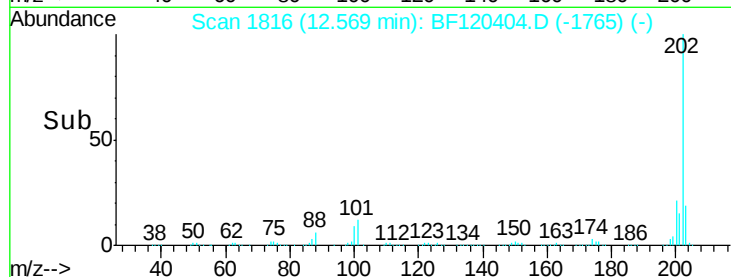
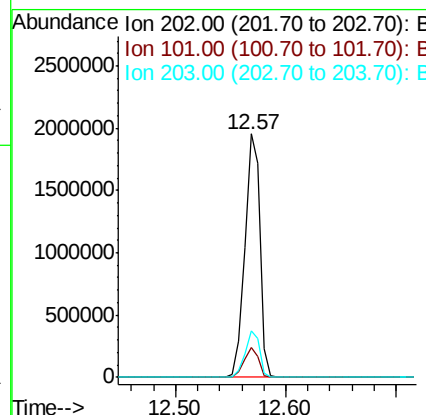
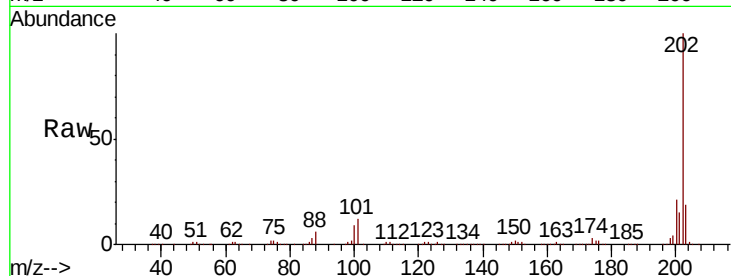
#75
Fluoranthene
Concen: 38.859 ng
RT: 12.57 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.6
203	18.8	0.0	38.4

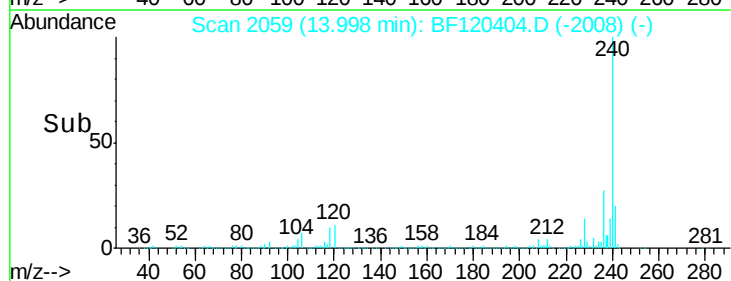
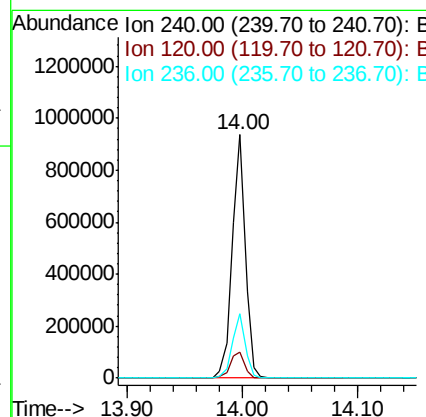
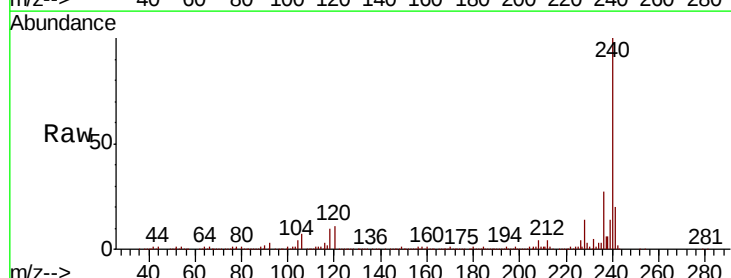
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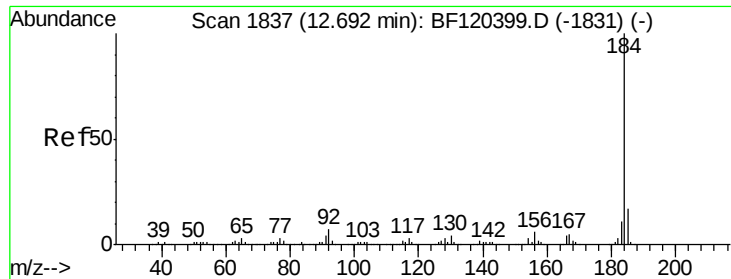
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.8	13.2
236	26.6	21.0	31.4





#77

Benzidine

Concen: 46.748 ng

RT: 12.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

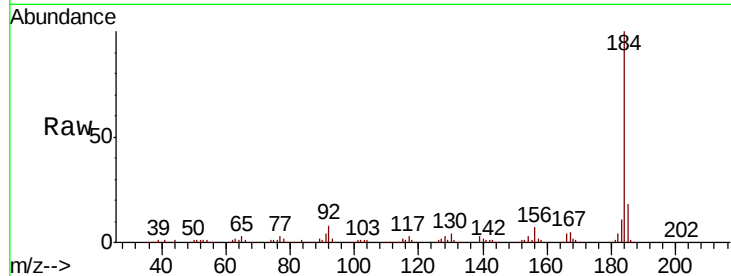
ClientSampled :

ICVBF052820

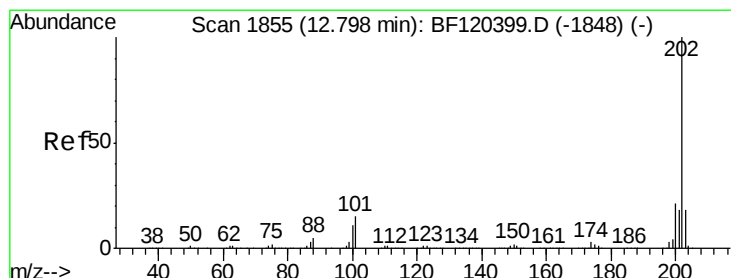
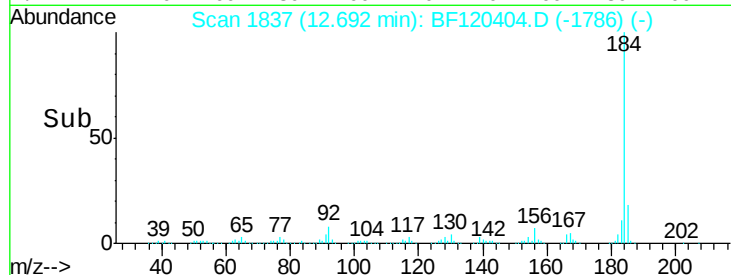
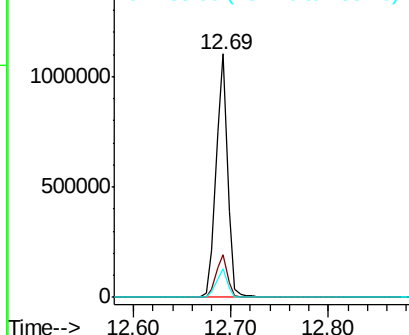
Tot Ion:	184	Resp:	902745
Ion Ratio	Lower	Upper	
184	100		
185	17.5	13.4	20.0
183	11.5	8.6	12.8

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Abundance Ion 184.00 (183.70 to 184.70): E
1500000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.326 ng

RT: 12.80 min Scan# 1855

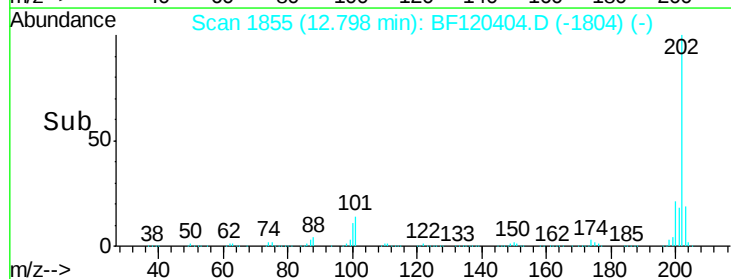
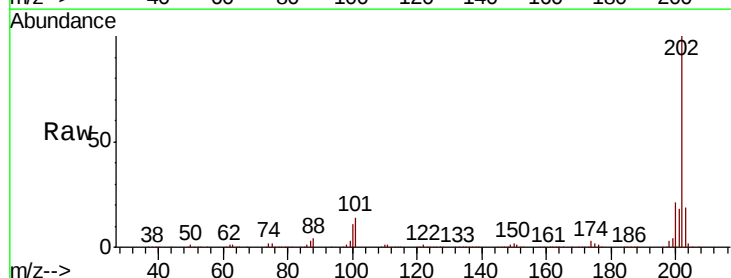
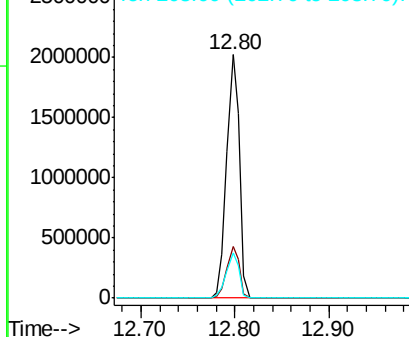
Delta R.T. 0.00 min

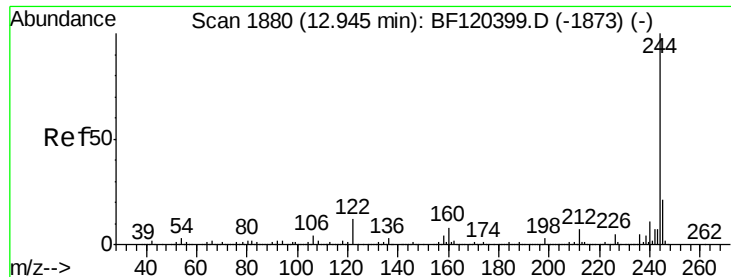
Lab File: BF120404.D

Acq: 28 May 2020 13:15

Tgt Ion:	202	Resp:	1907837
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	18.6	14.7	22.1

Abundance Ion 202.00 (201.70 to 202.70): E
2500000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.737 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

Tot Ion:244 Resp: 2435405

Ion Ratio Lower Upper

244 100

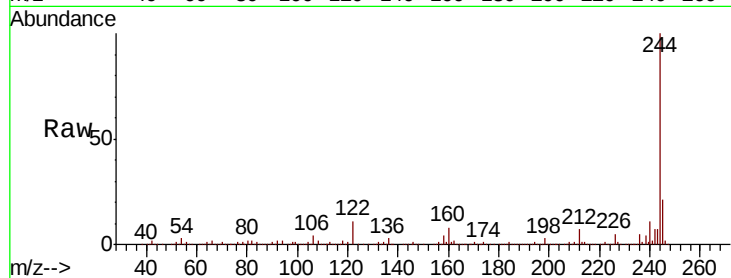
212 7.4 5.9 8.9

122 11.4 9.2 13.8

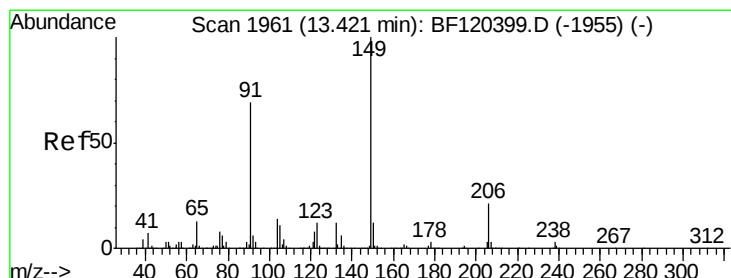
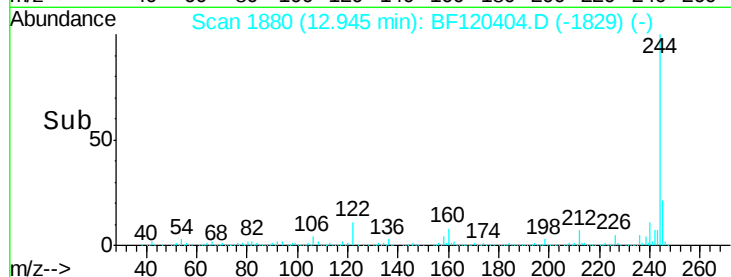
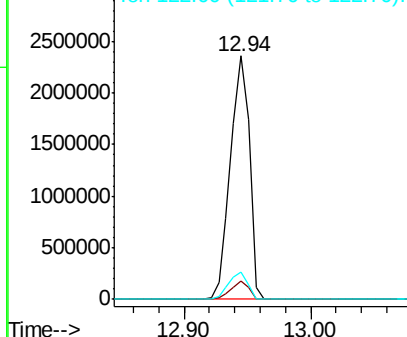
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.517 ng

RT: 13.42 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

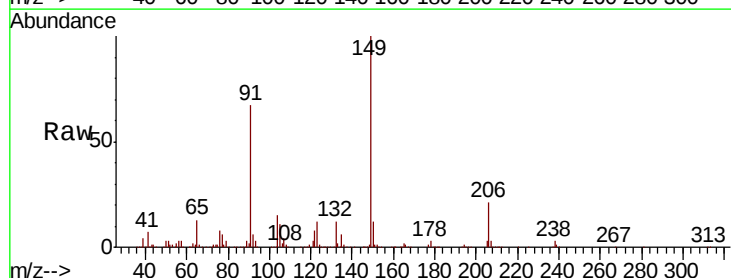
Tgt Ion:149 Resp: 800534

Ion Ratio Lower Upper

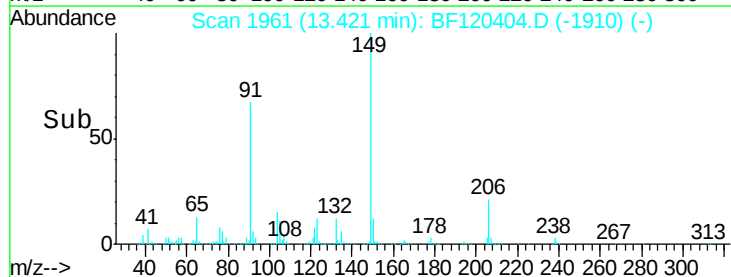
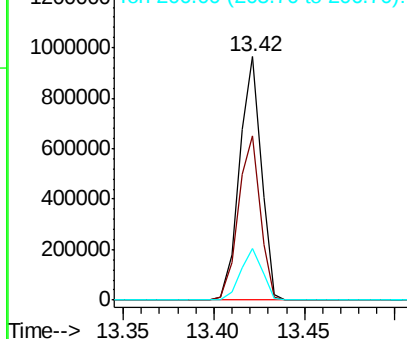
149 100

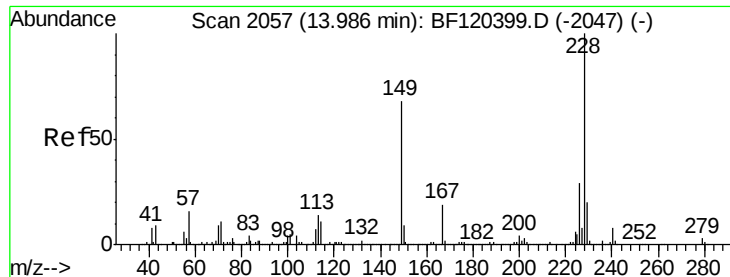
91 67.3 55.0 82.4

206 21.0 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.797 ng

RT: 13.99 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

Instrument :

BNA_F

ClientSampleId :

ICVBF052820

Tot Ion:228 Resp: 1488803

Ion Ratio Lower Upper

228 100

226 27.6 23.0 34.4

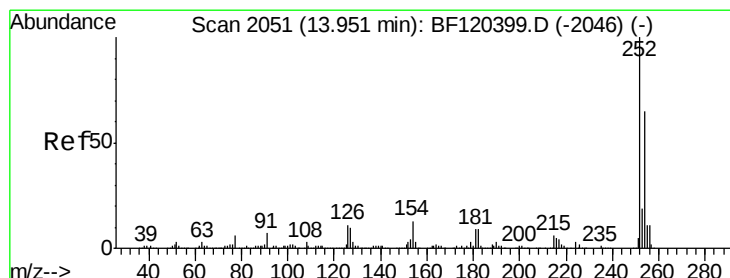
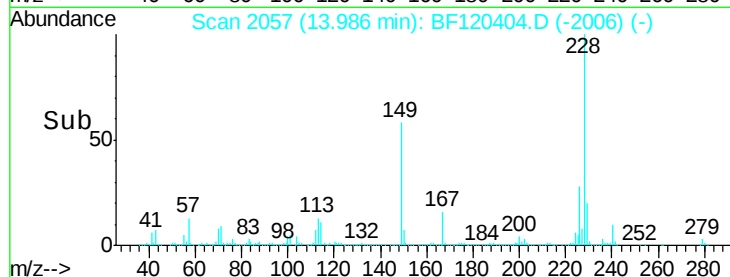
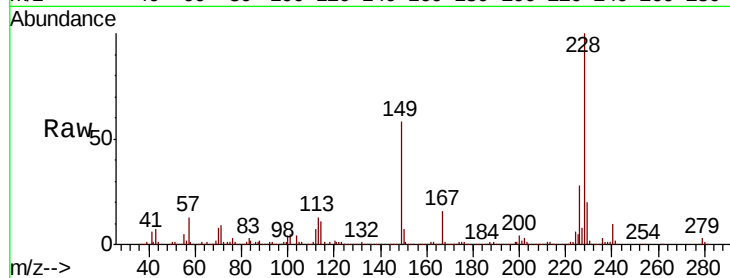
229 20.2 16.2 24.4

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#82

3,3'-Dichlorobenzidine

Concen: 41.751 ng

RT: 13.95 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF120404.D

Acq: 28 May 2020 13:15

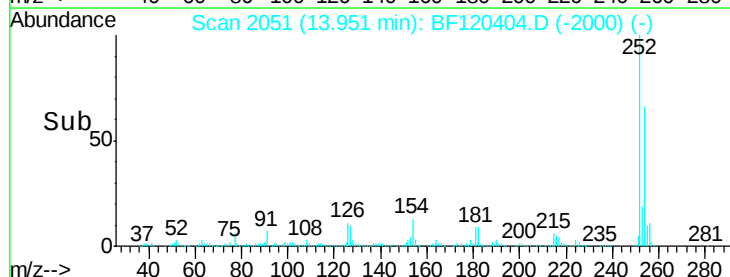
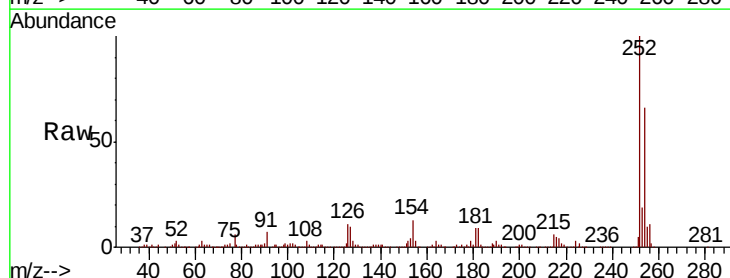
Tgt Ion:252 Resp: 597061

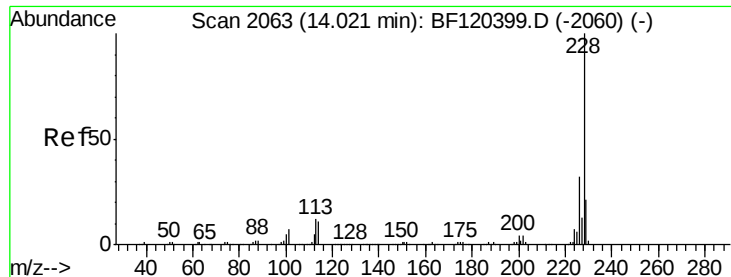
Ion Ratio Lower Upper

252 100

254 66.3 51.8 77.6

126 10.9 8.5 12.7





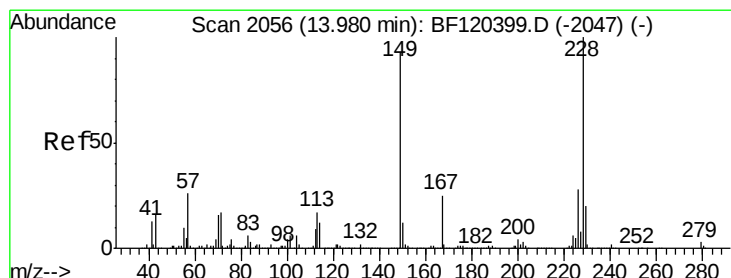
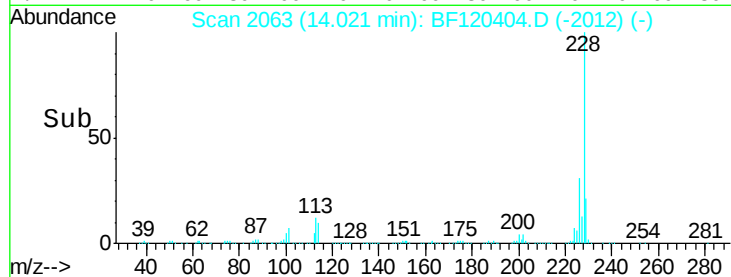
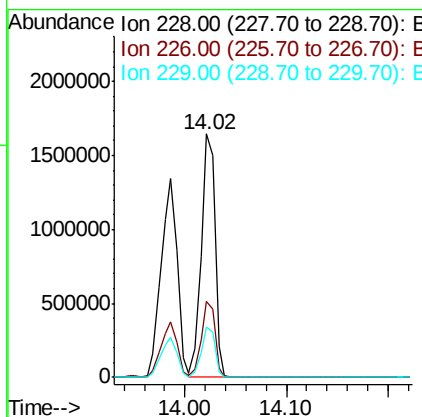
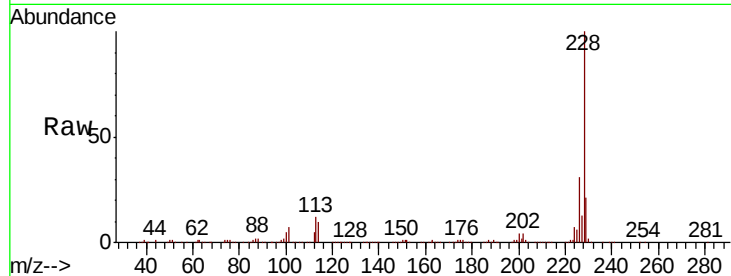
#83
Chrysene
Concen: 37.571 ng
RT: 14.02 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.6	38.4
229	20.9	16.6	25.0

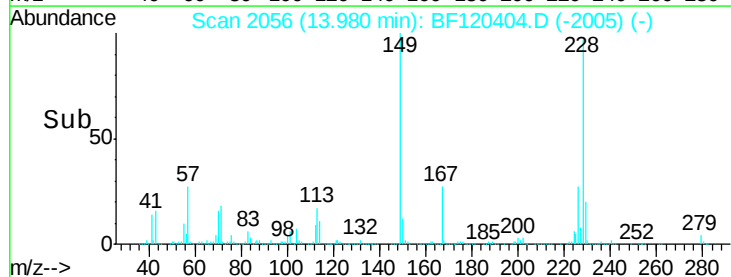
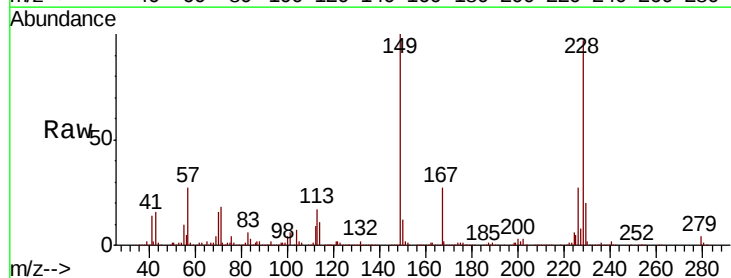
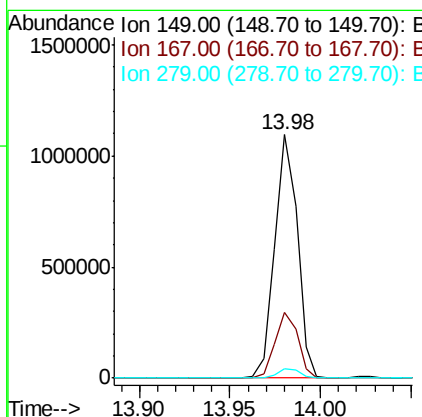
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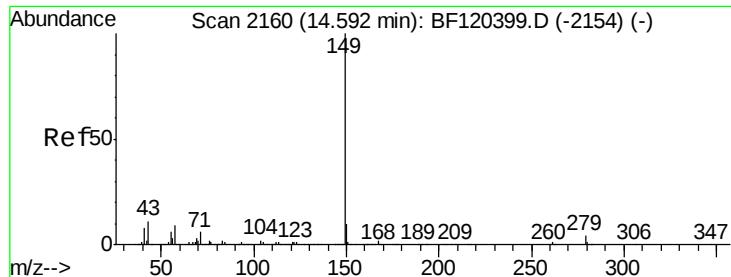
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.051 ng
RT: 13.98 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.7	32.5
279	3.6	2.9	4.3





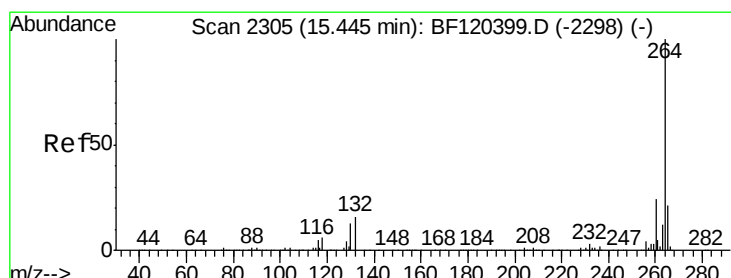
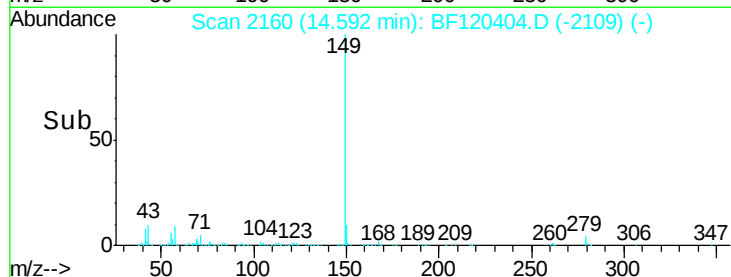
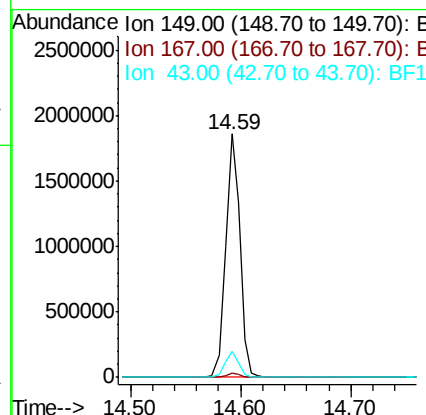
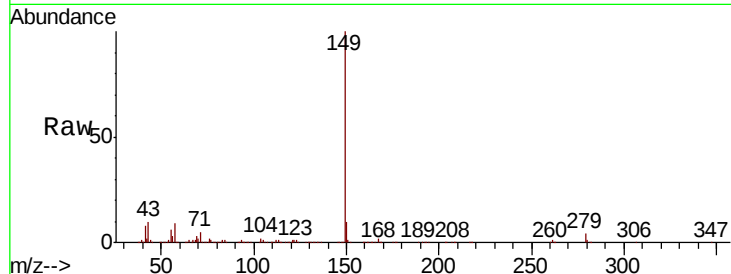
#85
Di-n-octyl phthalate
Concen: 38.574 ng
RT: 14.59 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.2	8.1	12.1

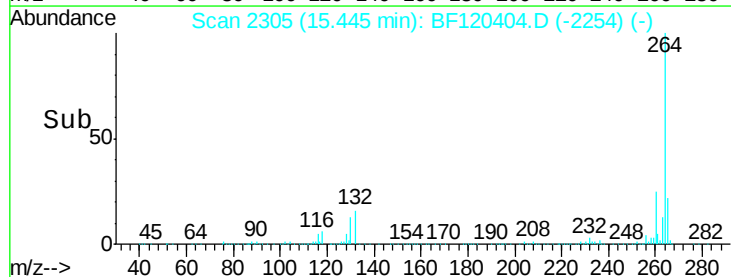
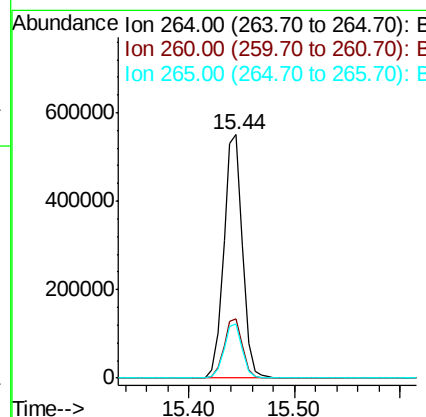
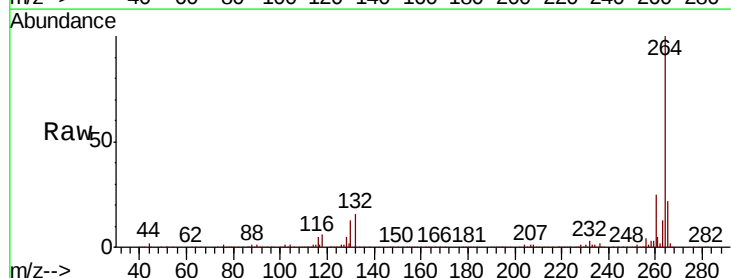
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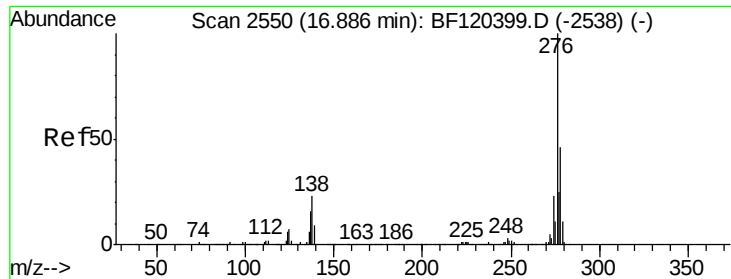
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.2	16.9	25.3





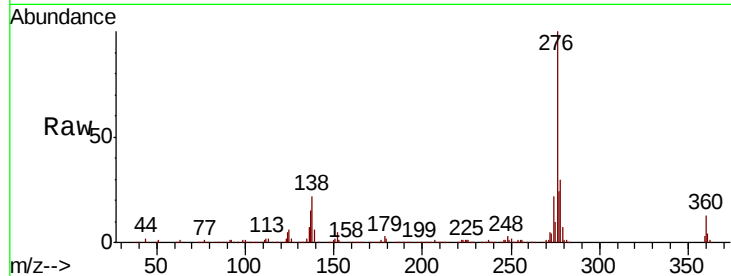
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.037 ng
 RT: 16.88 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052820

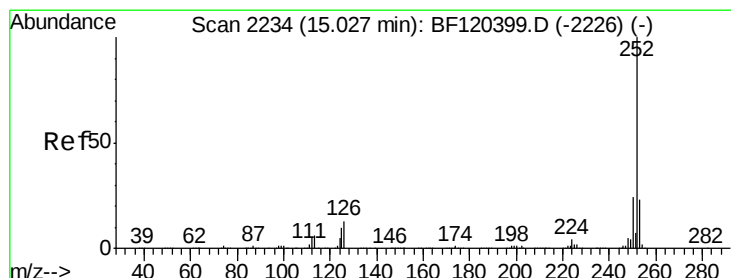
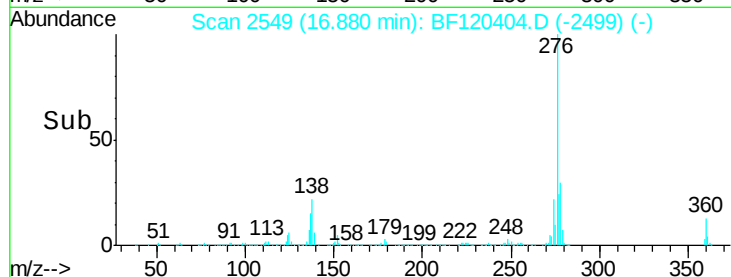
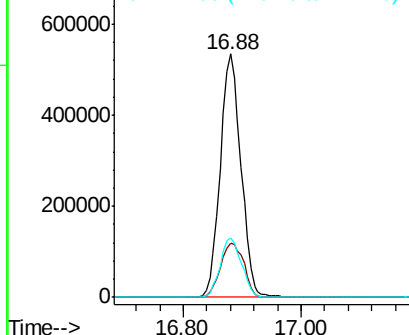
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.4	30.6
277	25.2	20.4	30.6

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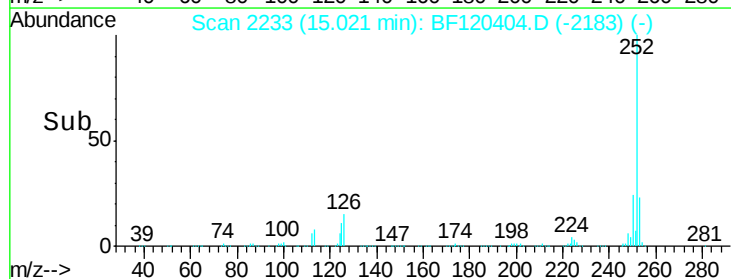
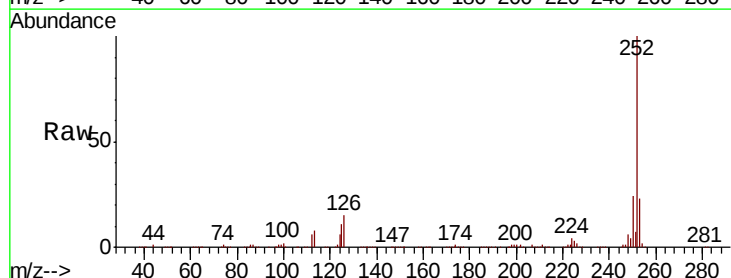
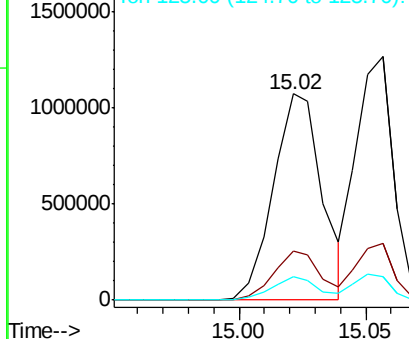
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

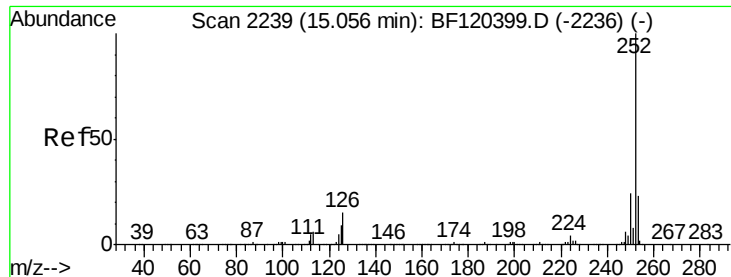


#88
 Benzo(b)fluoranthene
 Concen: 37.979 ng
 RT: 15.02 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120404.D
 Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	11.2	7.8	11.8

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





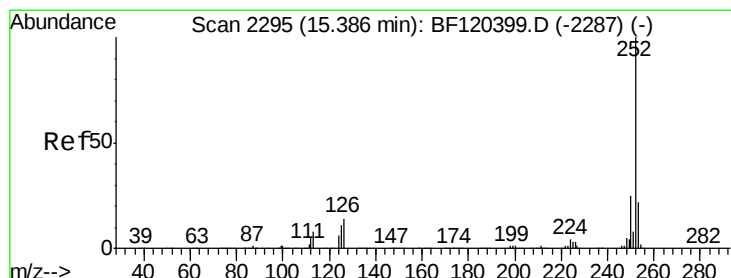
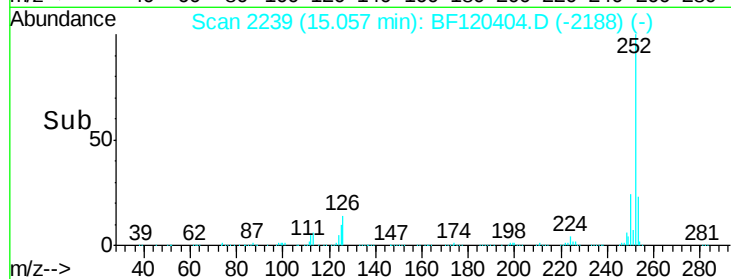
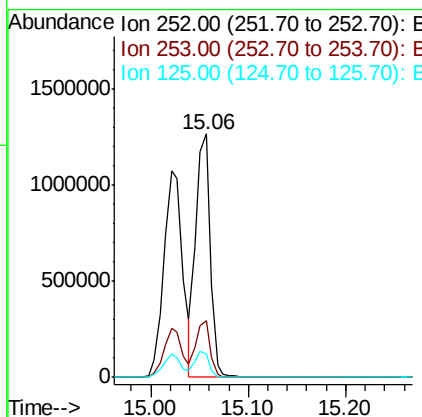
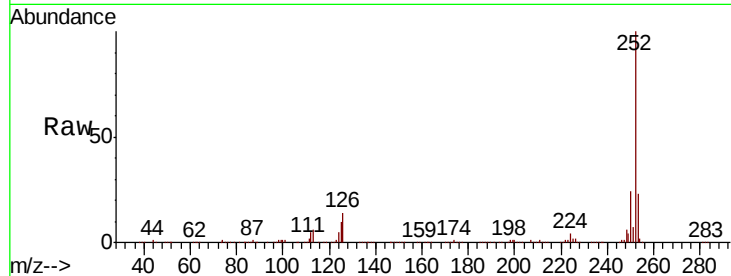
#89
Benzo(k)fluoranthene
Concen: 37.059 ng
RT: 15.06 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	9.8	8.0	12.0

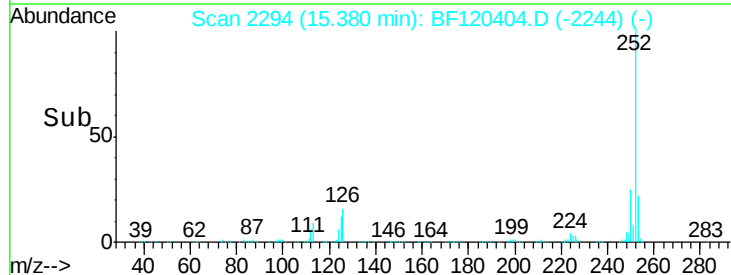
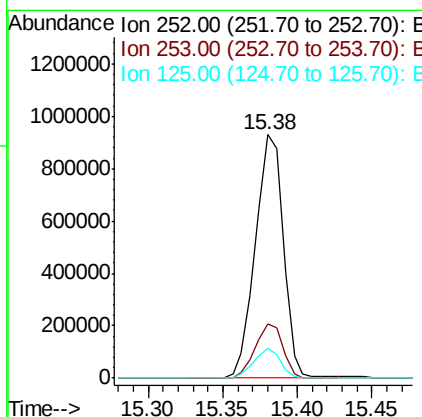
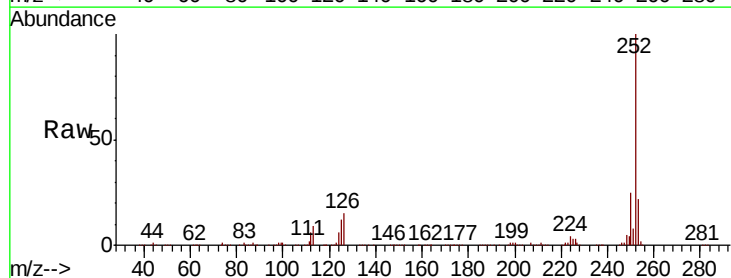
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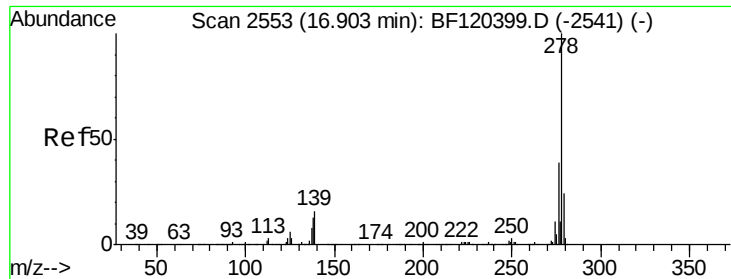
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#90
Benzo(a)pyrene
Concen: 36.386 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	12.0	8.7	13.1





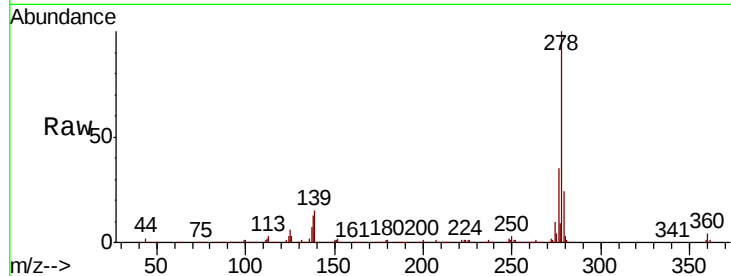
#91
Dibenzo(a,h)anthracene
Concen: 35.776 ng
RT: 16.90 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Instrument :
BNA_F
ClientSampleId :
ICVBF052820

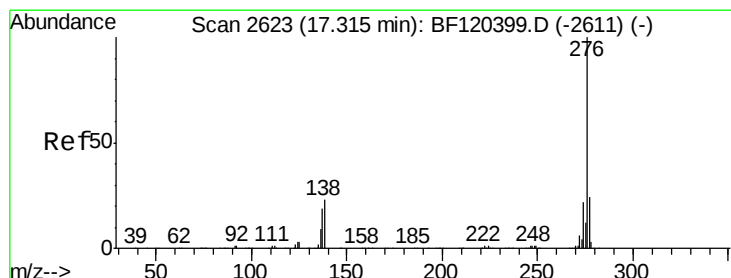
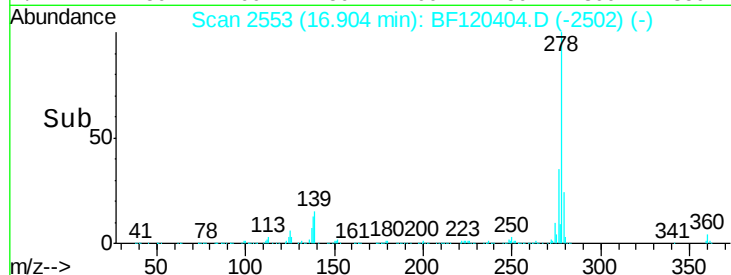
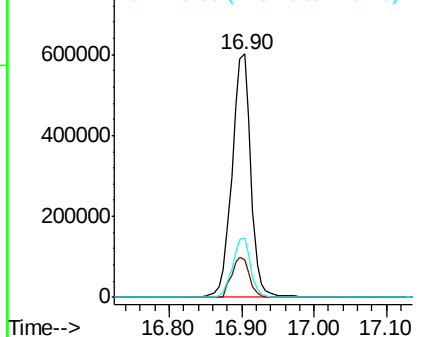
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.8	19.2
279	24.4	19.0	28.4

Manual Integrations
APPROVED

mohammad
5/29/2020 10:27:54 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.379 ng
RT: 17.32 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF120404.D
Acq: 28 May 2020 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	21.1	18.1	27.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

