

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120744.D
 Acq On : 29 Jun 2020 23:01
 Operator : JU/CG
 Sample : L2811-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Manual Integrations
 APPROVED

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 6/30/2020 4:14:58 PM

Quant Time: Jun 30 03:11:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	62925	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	235093	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	122414	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	234173	20.00	ng	0.01
76) Chrysene-d12	13.97	240	340655	20.00	ng	0.01
86) Perylene-d12	15.41	264	400806	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	760124	207.10	ng	0.08
7) Phenol-d6	6.51	99	455190	99.58	ng	0.08
23) Nitrobenzene-d5	7.37	82	381261	90.65	ng	0.01
42) 2,4,6-Tribromophenol	10.63	330	191071	134.25	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	779311	97.40	ng	0.00
79) Terphenyl-d14	12.91	244	908847	58.93	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	116062	66.720	ng	99
3) Pyridine	3.36	79	241445	49.374	ng	98
4) n-Nitrosodimethylamine	3.29	42	157014	77.369	ng	99
6) Aniline	6.47	93	137519	23.506	ng	97
8) 2-Chlorophenol	6.62	128	187863	45.295	ng	99
9) Benzaldehyde	6.35	77	31755	10.983	ng	96
10) Phenol	6.52	94	179983	36.902	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	175947	43.310	ng	100
12) 1,3-Dichlorobenzene	6.74	146	201772	45.761	ng	96
13) 1,4-Dichlorobenzene	6.82	146	203571	46.794	ng	97
14) 1,2-Dichlorobenzene	6.97	146	187465	44.237	ng	96
15) Benzyl Alcohol	6.96	79	157448	48.568	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	224389	38.360	ng	100
17) 2-Methylphenol	7.10	107	143536	40.576	ng	97
18) Hexachloroethane	7.31	117	65837	41.070	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	131445	49.571	ng	99
20) 3+4-Methylphenols	7.26	107	189233	42.809	ng	# 61
22) Acetophenone	7.21	105	263846	50.200	ng	# 91
24) Nitrobenzene	7.39	77	196934	44.745	ng	96
25) Isophorone	7.63	82	347902	42.464	ng	96
26) 2-Nitrophenol	7.70	139	93555	40.179	ng	# 88
27) 2,4-Dimethylphenol	7.76	122	153092	44.654	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	220815	46.496	ng	98
29) 2,4-Dichlorophenol	7.97	162	160051	45.927	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	181050	46.880	ng	99
31) Naphthalene	8.10	128	569963	49.374	ng	99
32) Benzoic acid	7.92	122	86894	33.034	ng	96
33) 4-Chloroaniline	8.16	127	119945	22.637	ng	98
34) Hexachlorobutadiene	8.22	225	109781	48.766	ng	98
35) Caprolactam	8.54	113	37205	33.380	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	169936	48.809	ng	94
37) 2-Methylnaphthalene	8.79	142	385633	51.173	ng	96
38) 1-Methylnaphthalene	8.89	142	364211	51.362	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	183292	50.146	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	64603	31.540	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	118108	45.552	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	123409	41.952	nq	98
46) 1,1'-Biphenyl	9.26	154	470910	51.518	nq	99
47) 2-Chloronaphthalene	9.29	162	364816	48.807	nq	99
48) 2-Nitroaniline	9.39	65	111955	47.689	nq	93
49) Acenaphthylene	9.70	152	560589	48.595	nq	99
50) Dimethylphthalate	9.56	163	492992	55.918	nq	99
51) 2,6-Dinitrotoluene	9.63	165	95446	47.770	nq #	86
52) Acenaphthene	9.87	154	336229	48.870	nq	98
53) 3-Nitroaniline	9.81	138	82696	34.459	nq	97
54) 2,4-Dinitrophenol	9.91	184	26658	24.935	nq #	92
55) Dibenzofuran	10.05	168	517362	49.042	nq	98
56) 4-Nitrophenol	10.02	139	100090m	55.377	nq	
57) 2,4-Dinitrotoluene	10.03	165	121357	45.773	nq #	85
58) Fluorene	10.39	166	418297	51.436	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	103201	44.593	nq	94
60) Diethylphthalate	10.26	149	453539	52.233	nq	97
61) 4-Chlorophenyl-phenylether	10.37	204	207178	49.332	nq	92
62) 4-Nitroaniline	10.43	138	92025	38.626	nq	88
63) Azobenzene	10.54	77	386655	49.056	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	24944	17.752	nq	95
66) n-Nitrosodiphenylamine	10.50	169	373650	51.959	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	131564	49.503	nq	98
68) Hexachlorobenzene	10.93	284	144756	50.660	nq	97
69) Atrazine	11.03	200	95948	43.116	nq	98
70) Pentachlorophenol	11.15	266	97398	61.310	nq	99
71) Phenanthrene	11.35	178	597759	51.351	nq	99
72) Anthracene	11.40	178	623149	53.108	nq	98
73) Carbazole	11.56	167	550423	47.389	nq	99
74) Di-n-butylphthalate	11.88	149	725922	55.592	nq	99
75) Fluoranthene	12.54	202	634655	47.686	nq	99
77) Benzidine	12.66	184	138975	12.063	nq	98
78) Pyrene	12.77	202	627674	26.009	nq	99
80) Butylbenzylphthalate	13.38	149	282914	26.402	nq	94
81) Benzo(a)anthracene	13.96	228	988276	48.288	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	352361	45.074	nq	99
83) Chrysene	13.99	228	944675	44.999	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	686123	52.464	nq	100
85) Di-n-octyl phthalate	14.55	149	1181773	47.349	nq	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	527288	21.628	nq	98
88) Benzo(b)fluoranthene	15.00	252	1059091	44.360	nq	99
89) Benzo(k)fluoranthene	15.03	252	882879	41.791	nq	99
90) Benzo(a)pyrene	15.35	252	1052692	49.267	nq	98
91) Dibenzo(a,h)anthracene	16.86	278	451206	23.079	nq	99
92) Benzo(g,h,i)perylene	17.28	276	406503	20.628	nq	98

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

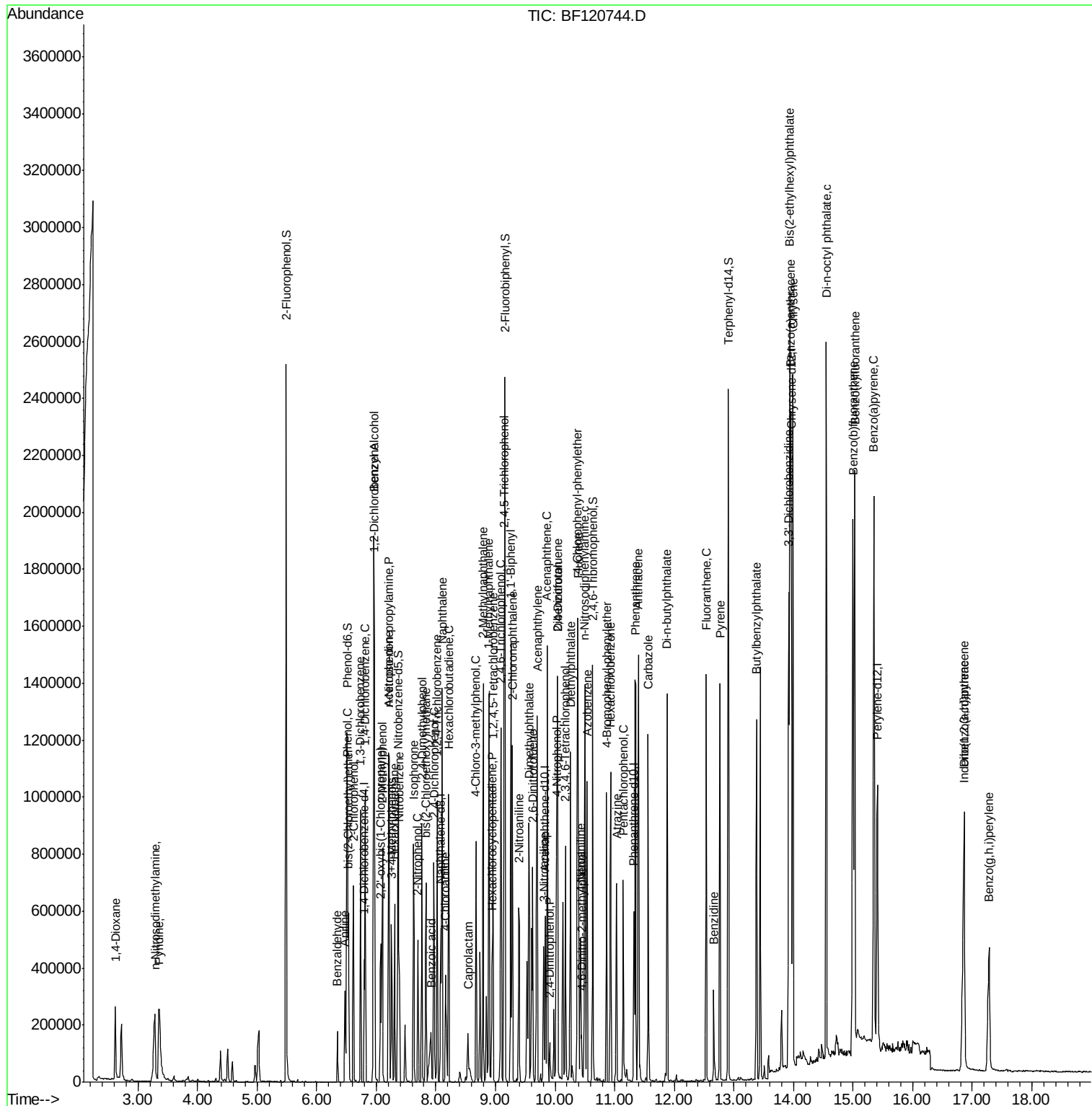
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
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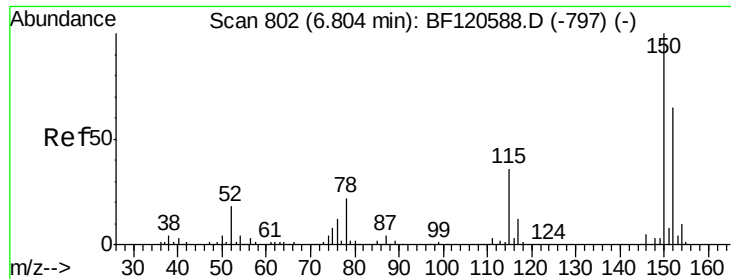
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#1

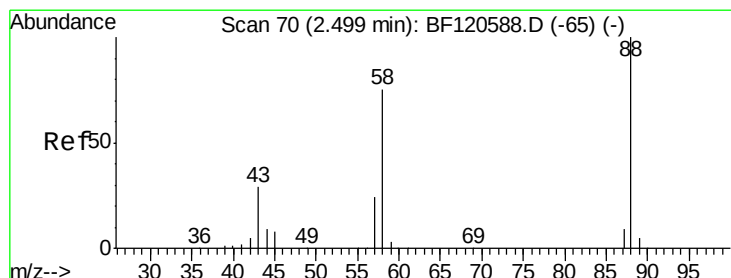
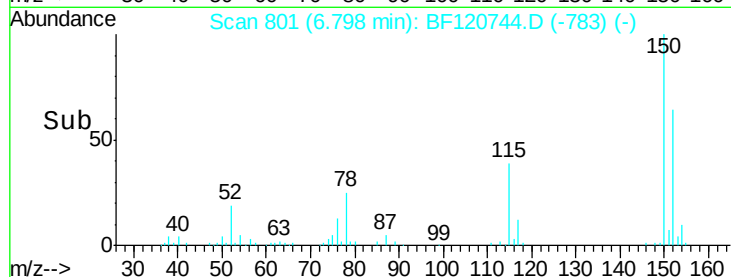
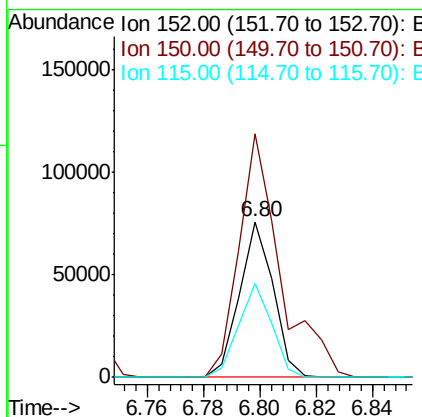
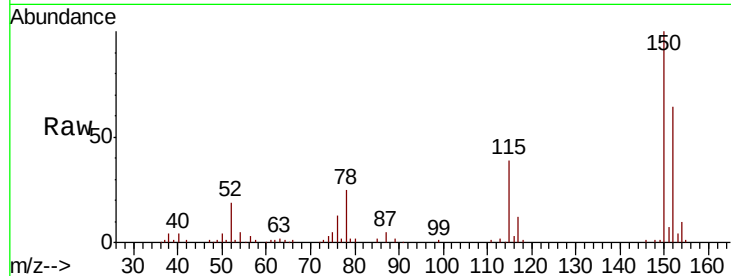
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	187.0
115	60.3	44.2	66.4

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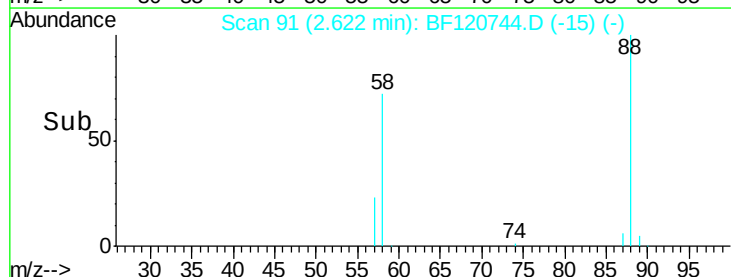
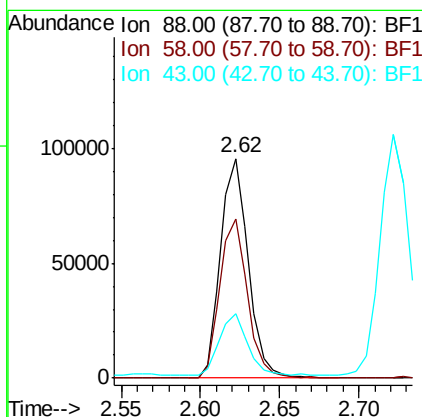
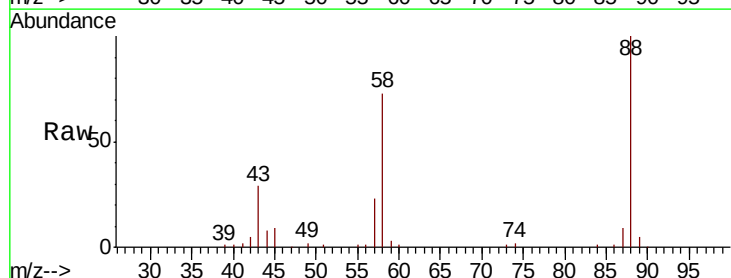
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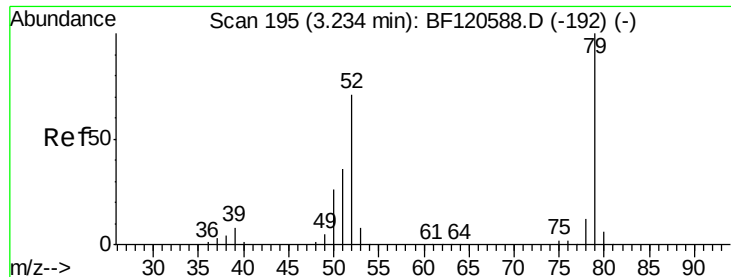


#2

1,4-Dioxane
Concen: 66.720 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.15 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	58.5	87.7
43	28.6	21.8	32.8





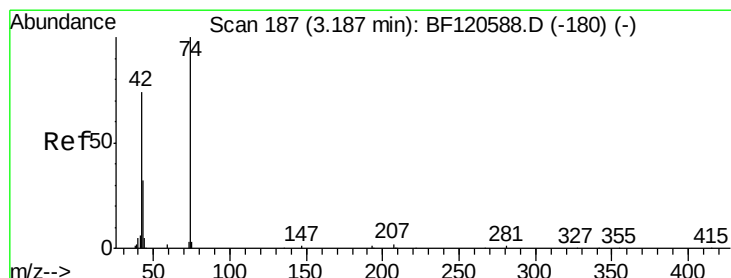
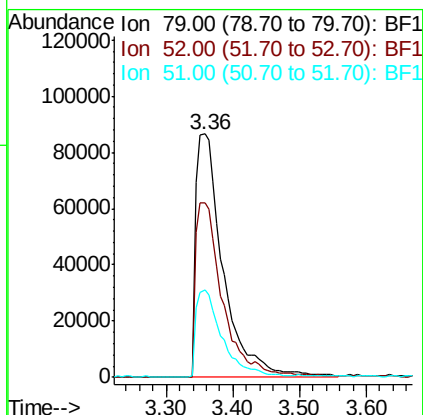
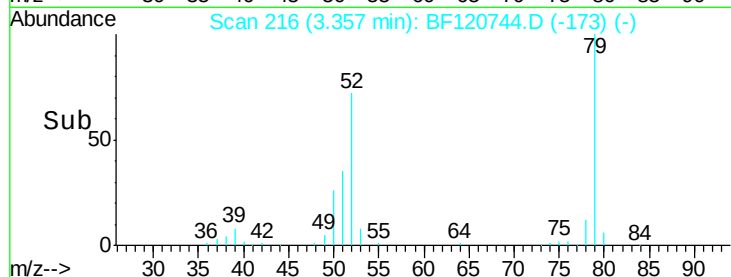
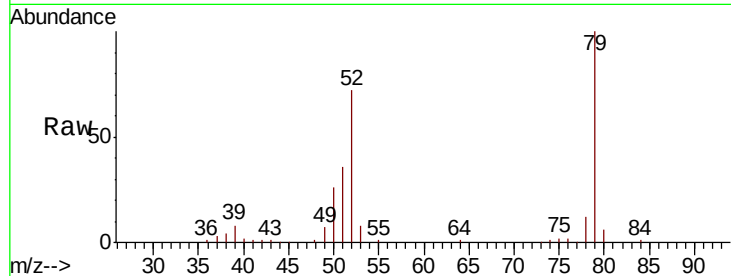
#3
 Pvridine
 Concen: 49.374 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.15 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.6	56.6	84.8
51	35.8	27.4	41.0

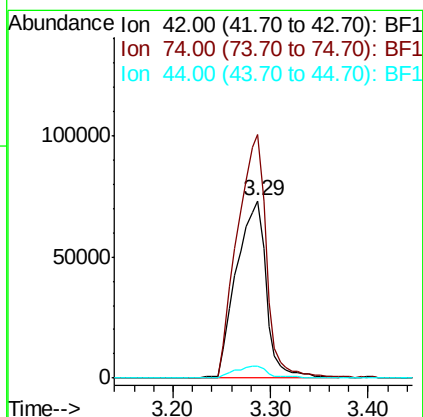
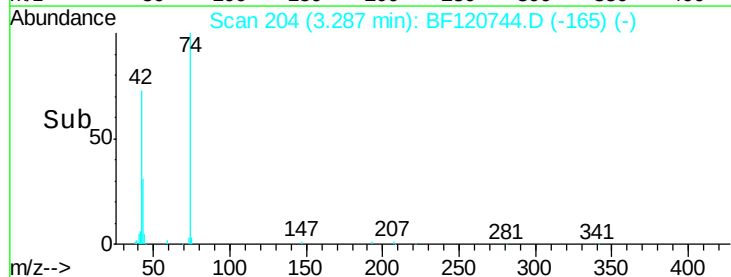
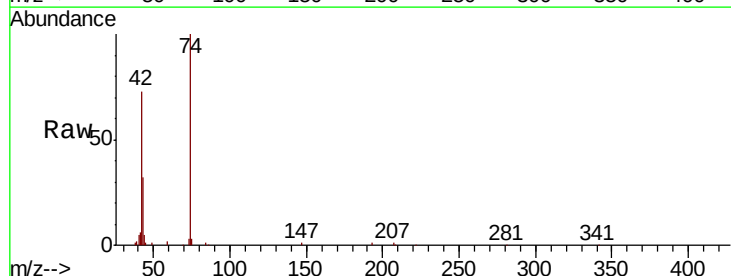
Manual Integrations
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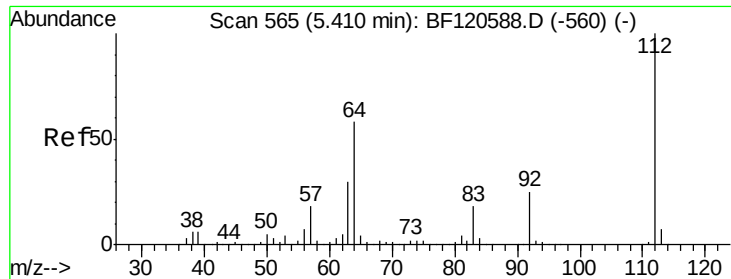
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#4
 n-Nitrosodimethylamine
 Concen: 77.369 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.13 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.5	110.7	166.1
44	6.8	5.6	8.4





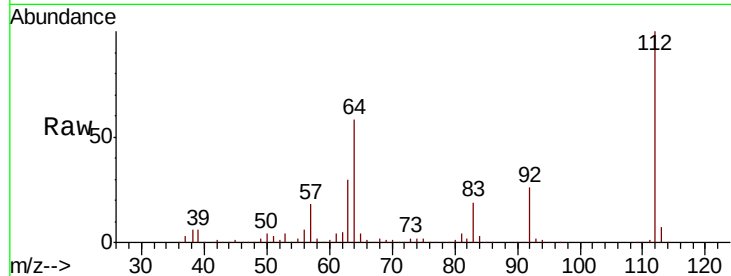
#5
2-Fluorophenol
Concen: 207.103 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.08 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

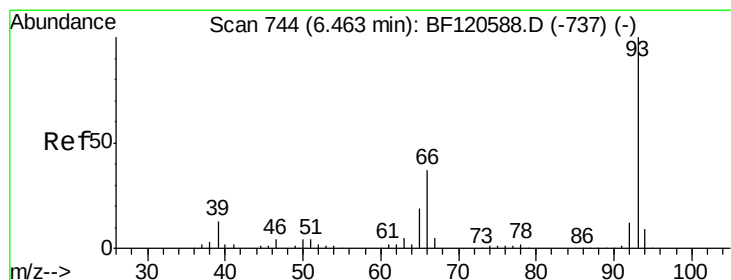
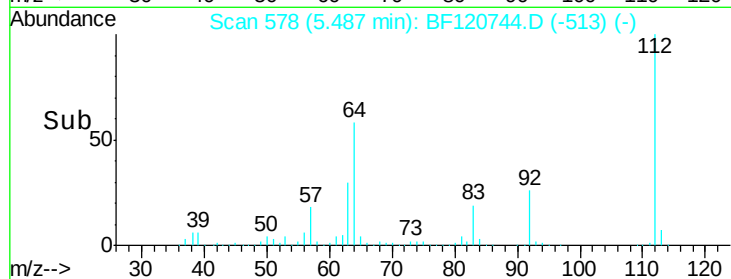
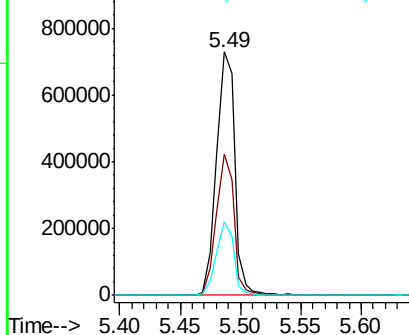
Tot Ion:	112	Resp:	760124
Ion Ratio	Lower	Upper	
112	100		
64	57.8	42.2	63.2
63	30.0	21.7	32.5

Manual Integrations
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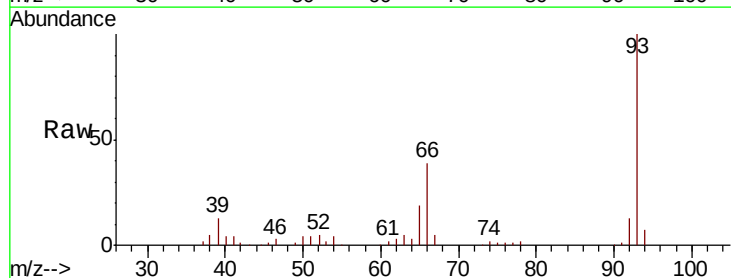


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

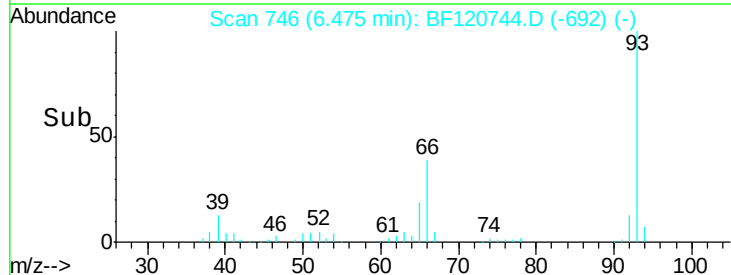
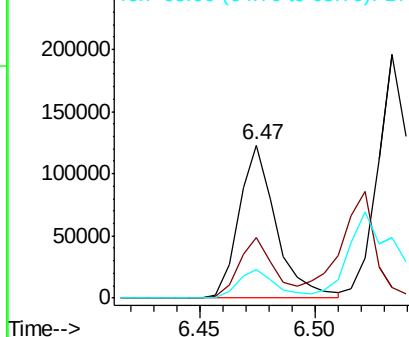


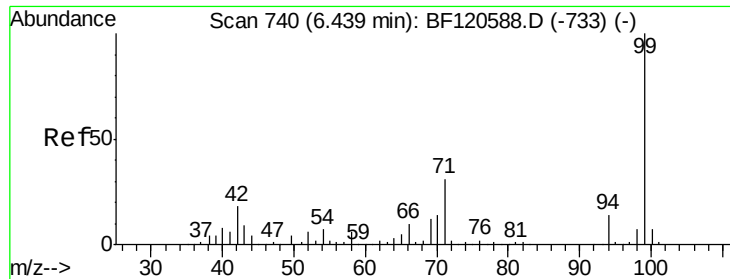
#6
Aniline
Concen: 23.506 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion:	93	Resp:	137519
Ion Ratio	Lower	Upper	
93	100		
66	39.4	29.5	44.3
65	19.0	15.5	23.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.575 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Instrument :

BNA_F

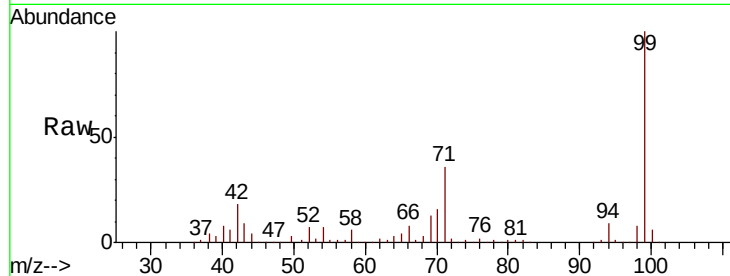
ClientSampleId :

NB-08-061620MSD

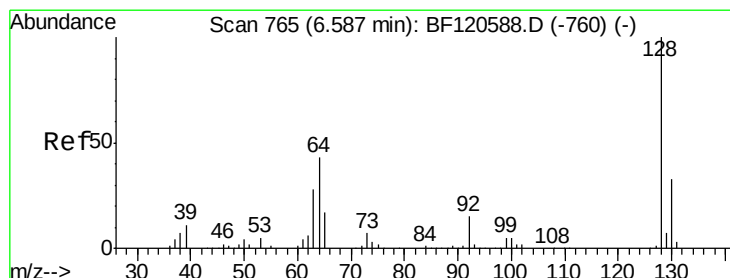
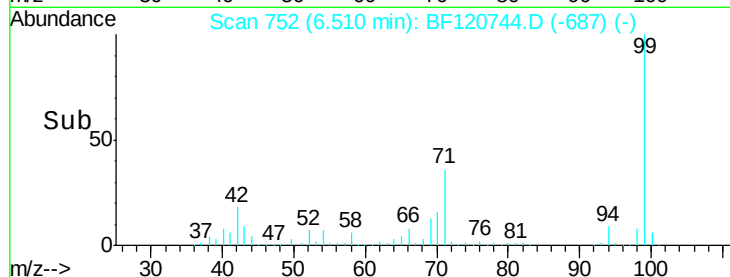
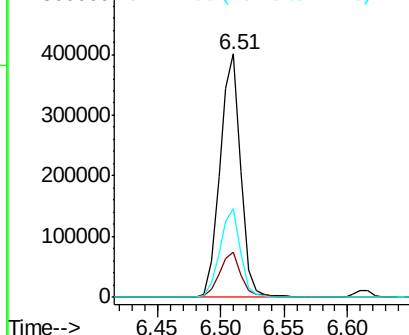
Tot Ion:	99	Resp:	455190
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.2	21.4
71	36.3	25.4	38.2

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.295 ng

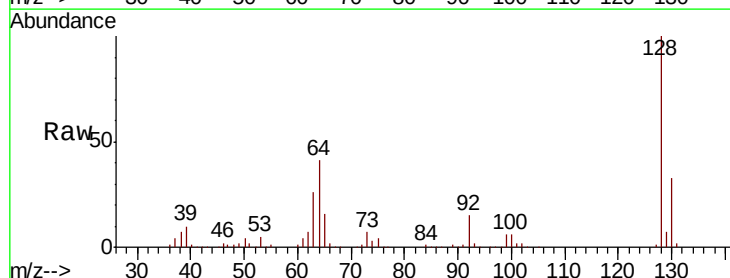
RT: 6.62 min Scan# 770

Delta R.T. 0.04 min

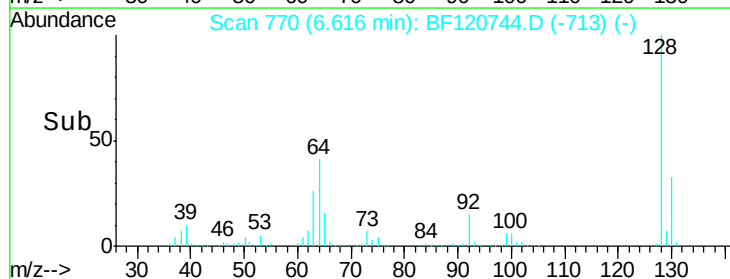
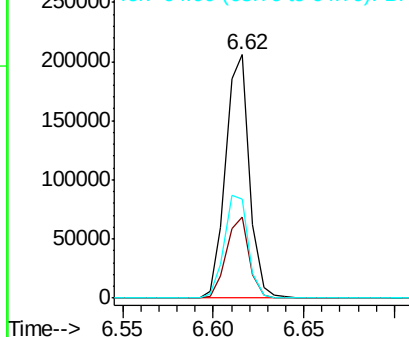
Lab File: BF120744.D

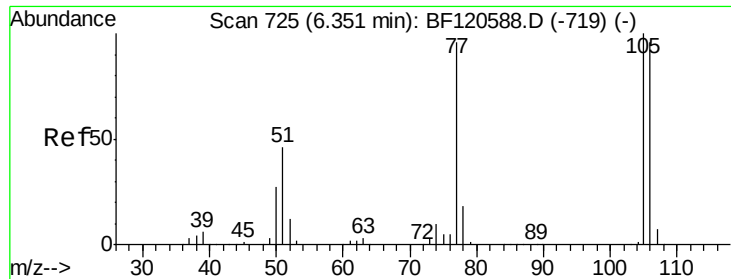
Acq: 29 Jun 2020 23:01

Tgt Ion:	128	Resp:	187863
Ion Ratio	Lower	Upper	
128	100		
130	33.4	13.3	53.3
64	40.6	19.2	59.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





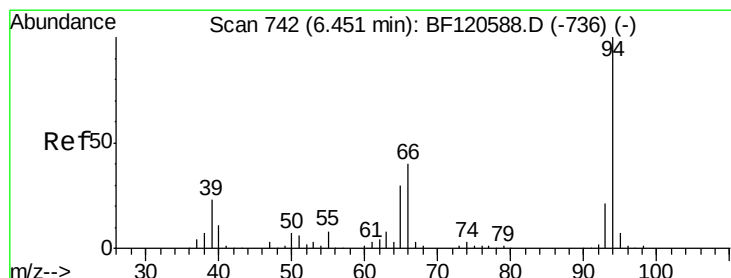
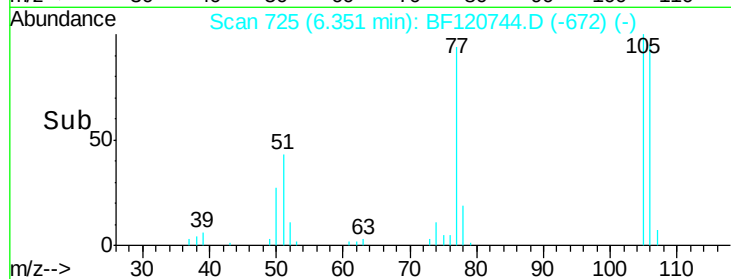
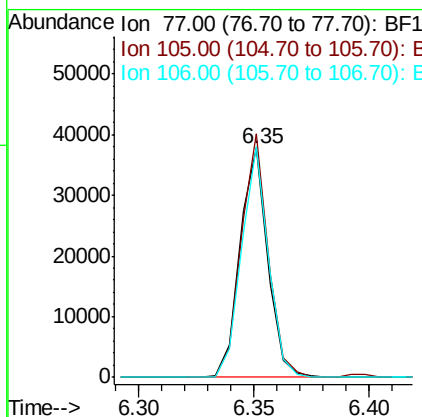
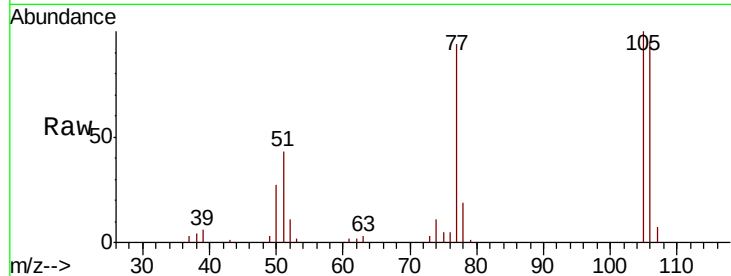
#9
Benzaldehyde
Concen: 10.983 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.1	80.8	120.8
106	100.7	78.1	118.1

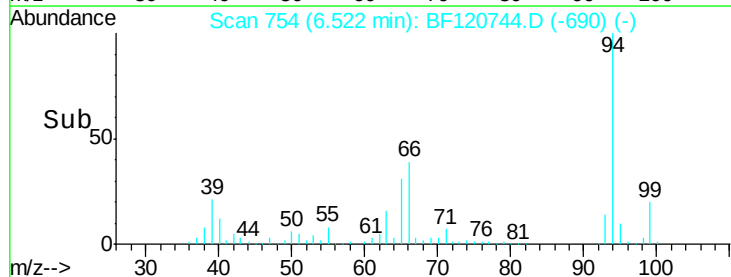
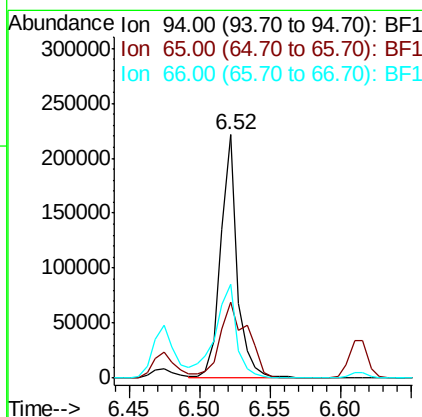
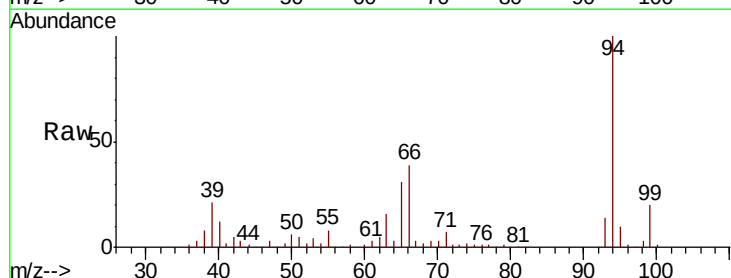
Manual Integrations
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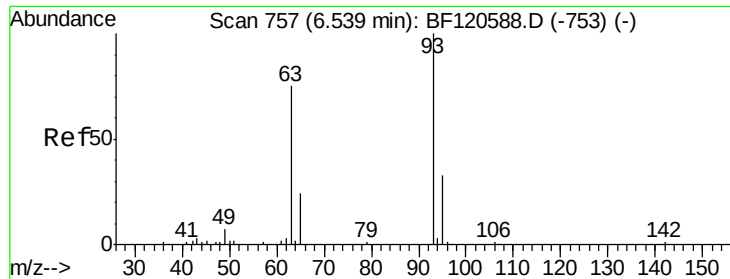
mohammad
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#10
Phenol
Concen: 36.902 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.08 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.1	13.6	53.6
66	38.7	29.2	69.2





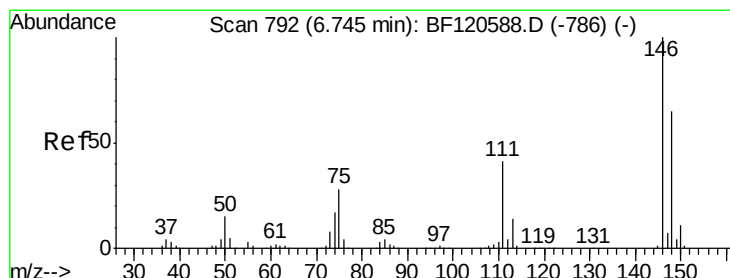
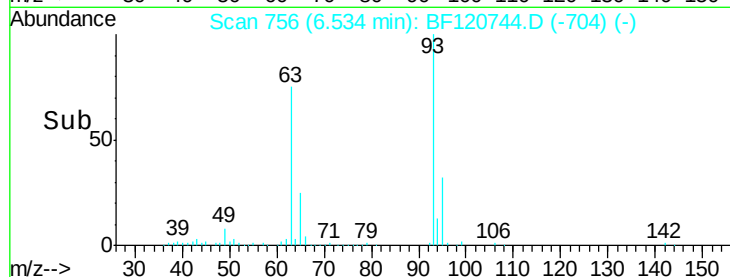
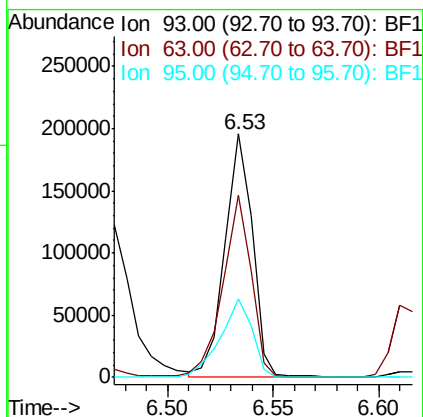
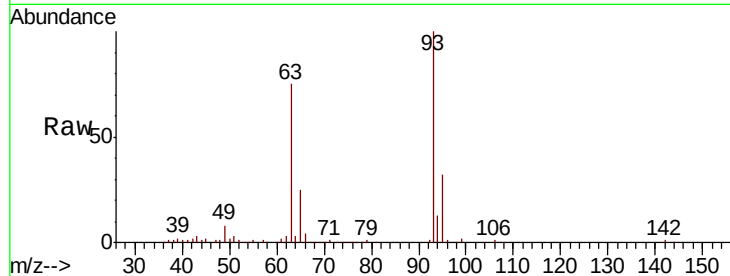
#11
bis(2-Chloroethyl)ether
Concen: 43.310 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion:	93	Resp:	175947
Ion Ratio	Lower	Upper	
93	100		
63	74.6	54.8	94.8
95	32.2	12.1	52.1

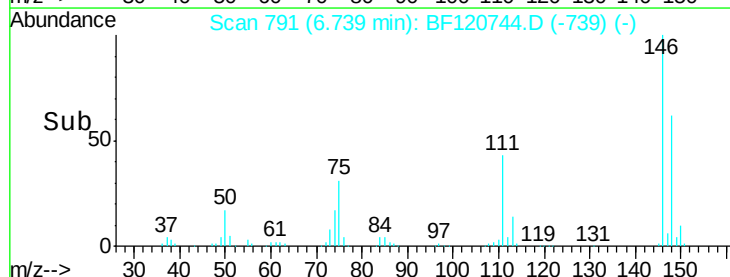
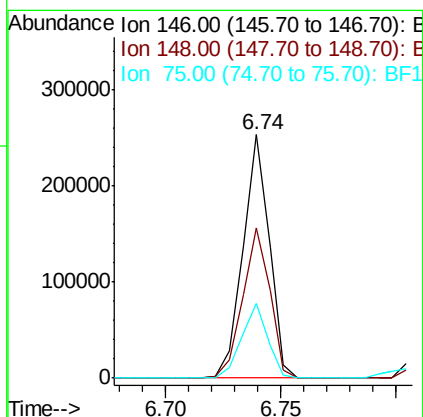
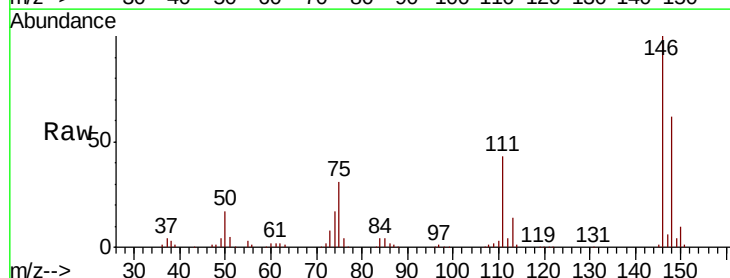
Manual Integrations
APPROVED

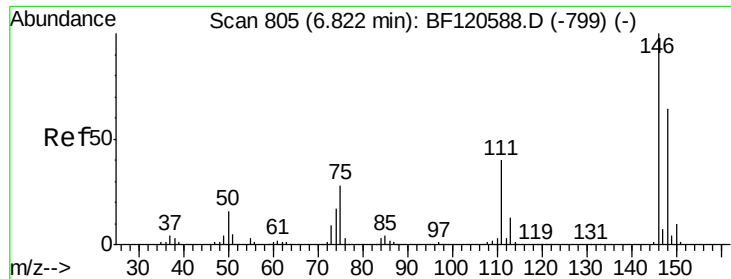
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.761 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion:	146	Resp:	201772
Ion Ratio	Lower	Upper	
146	100		
148	61.7	51.1	76.7
75	30.6	21.5	32.3





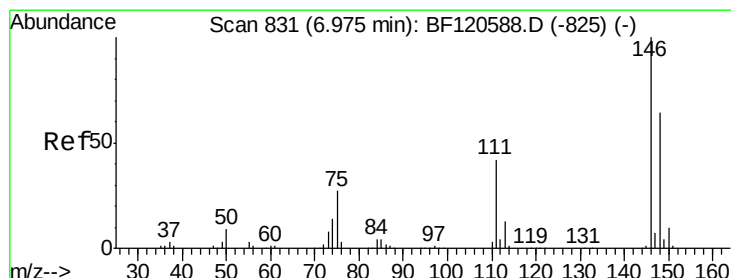
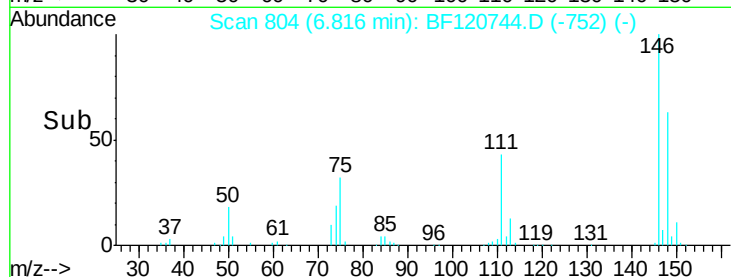
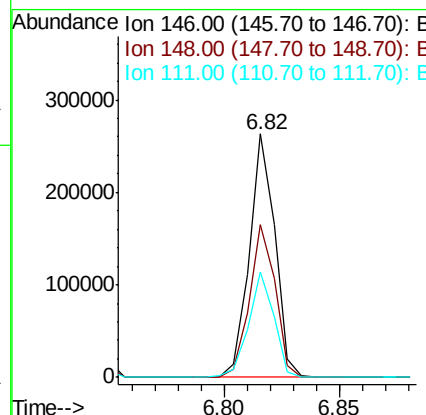
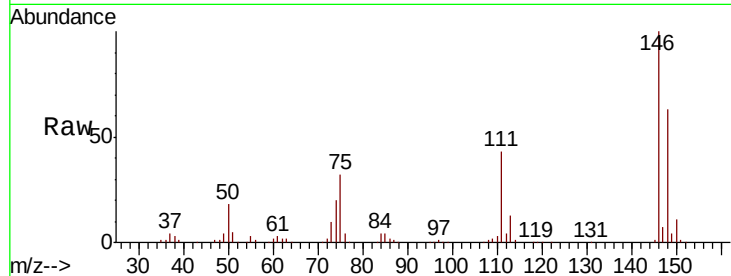
#13
 1,4-Dichlorobenzene
 Concen: 46.794 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.0
111	43.3	32.2	48.2

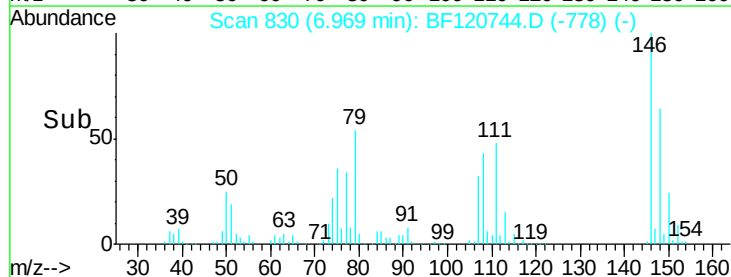
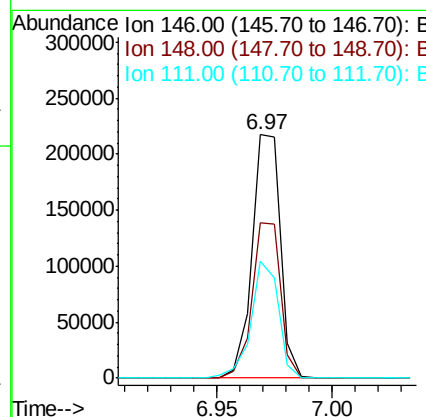
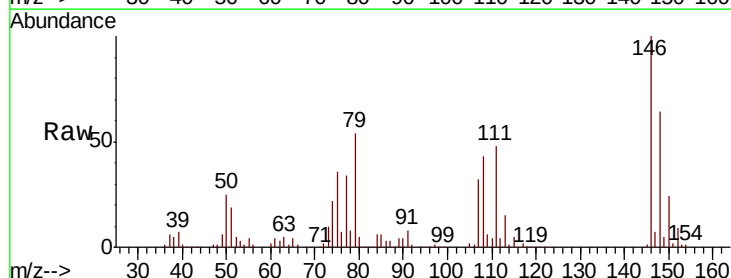
Manual Integrations
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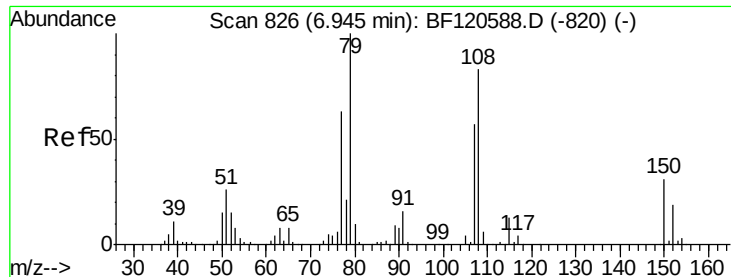
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#14
 1,2-Dichlorobenzene
 Concen: 44.237 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	47.8	33.6	50.4





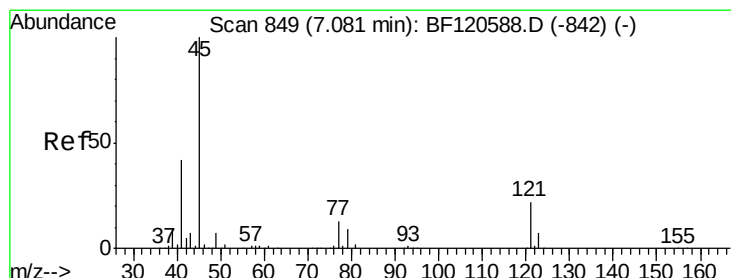
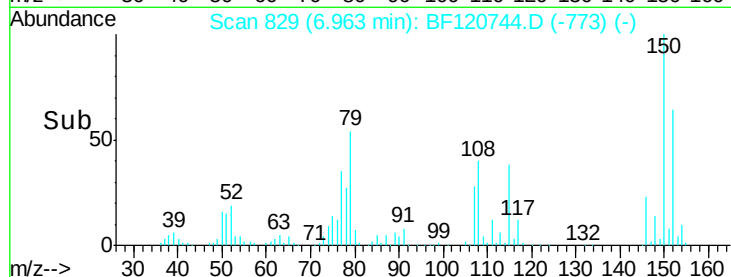
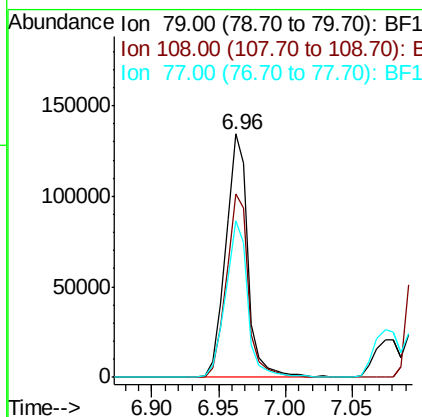
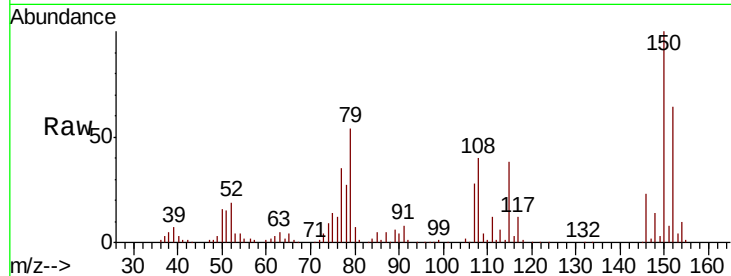
#15
Benzyl Alcohol
Concen: 48.568 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.03 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	157448		
108	75.1	66.1	99.1	
77	64.5	49.8	74.6	

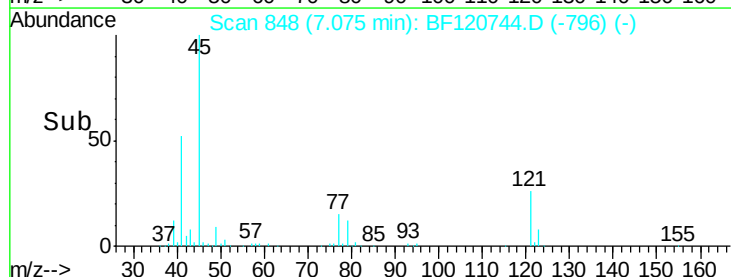
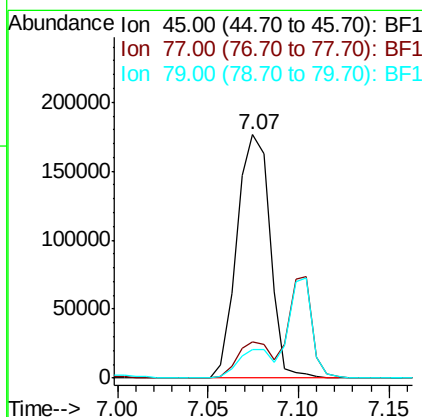
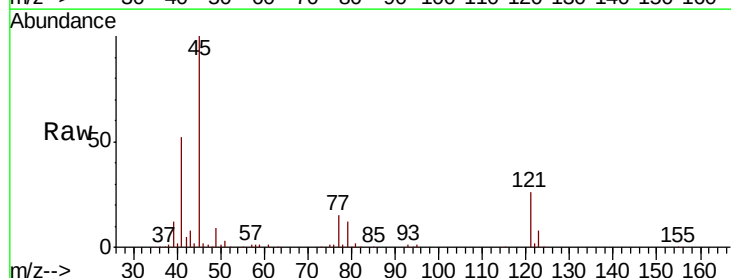
Manual Integrations
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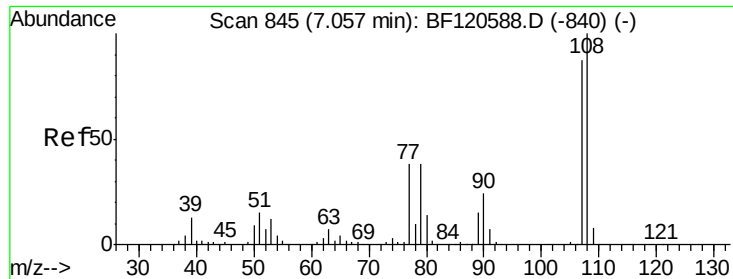
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.360 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	224389		
77	15.0	0.0	34.9	
79	11.6	0.0	31.4	





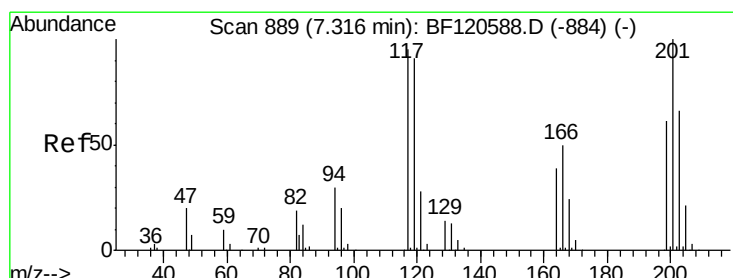
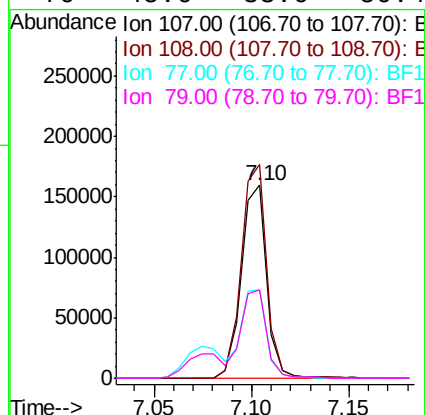
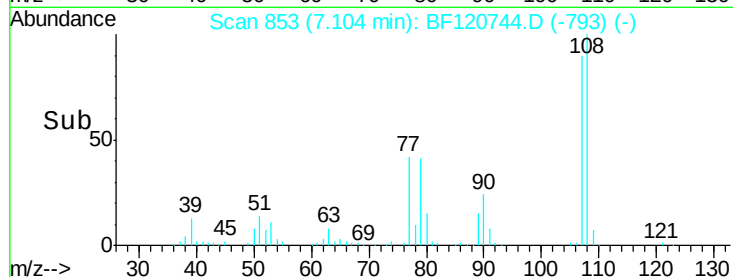
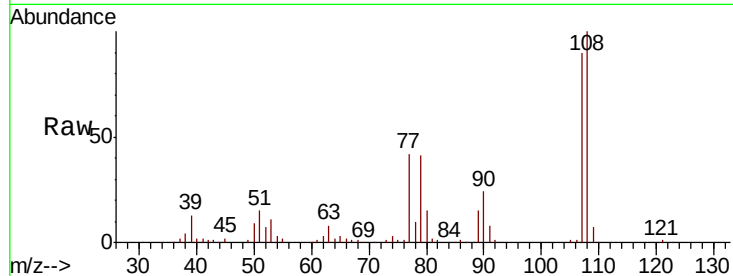
#17
2-Methylphenol
Concen: 40.576 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.05 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.7	136.1
77	46.1	35.0	52.4
79	45.6	33.6	50.4

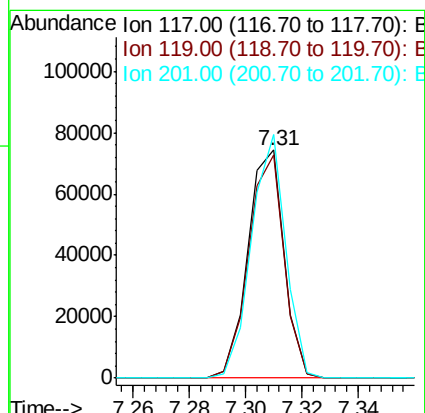
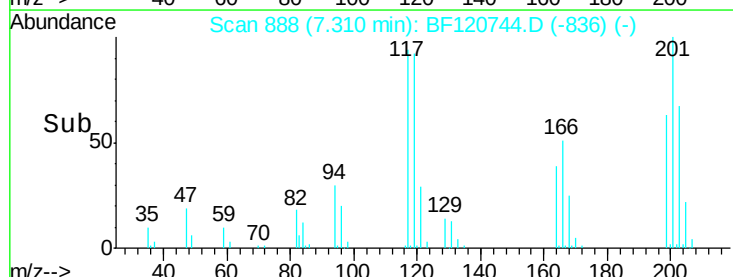
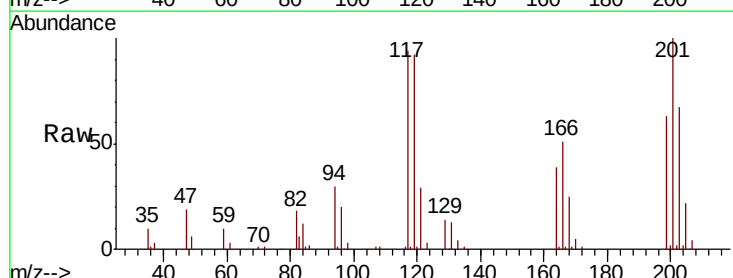
Manual Integrations
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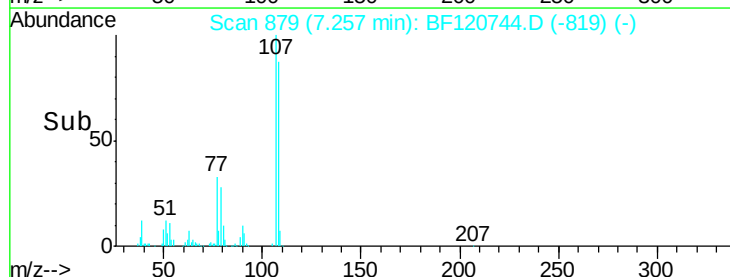
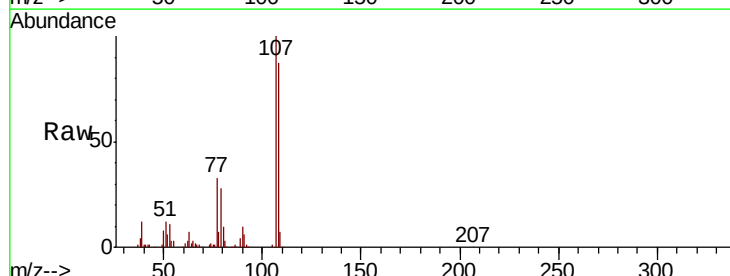
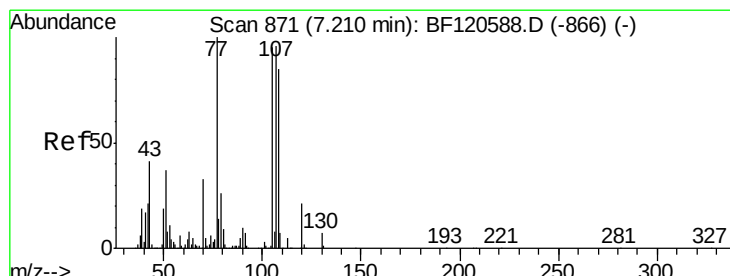
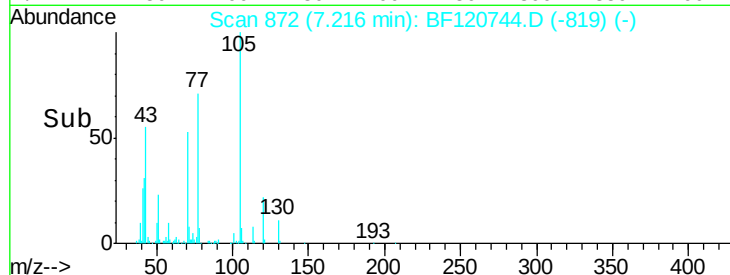
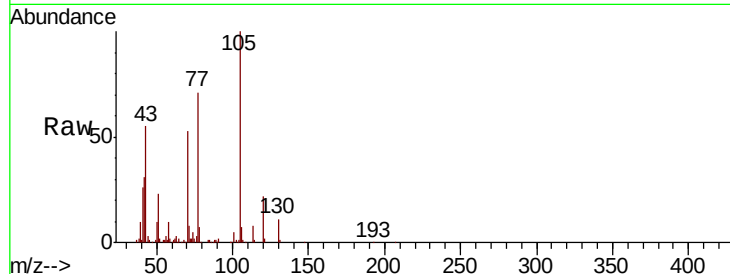
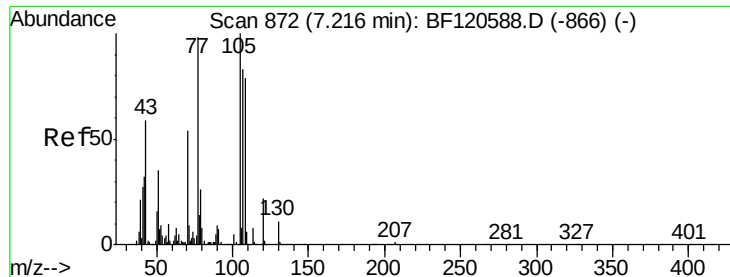
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#18
Hexachloroethane
Concen: 41.070 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

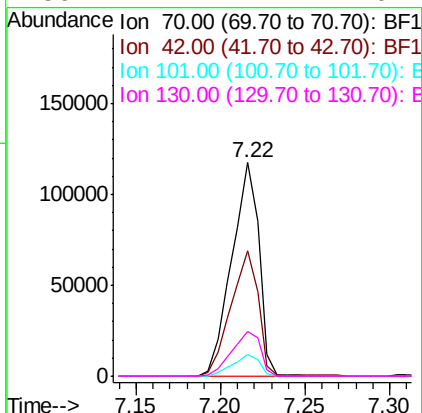
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.1	115.7
201	106.8	86.4	129.6





#19
n-Nitroso-di-n-propylamine
Concen: 49.571 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.6	71.4
101	9.9	7.6	11.4
130	21.2	17.4	26.2



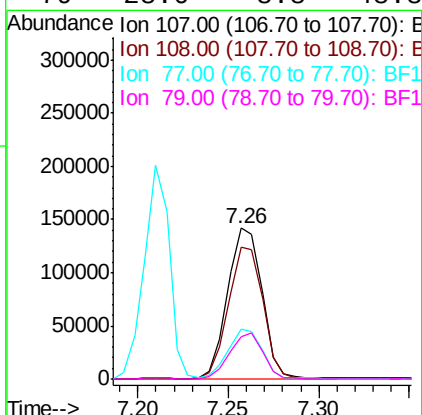
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

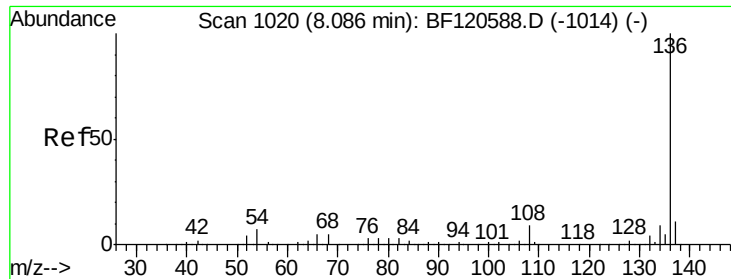
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#20
3+4-Methylphenols
Concen: 42.809 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.05 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	70.9	110.9
77	33.3	95.7	135.7#
79	28.0	8.8	48.8





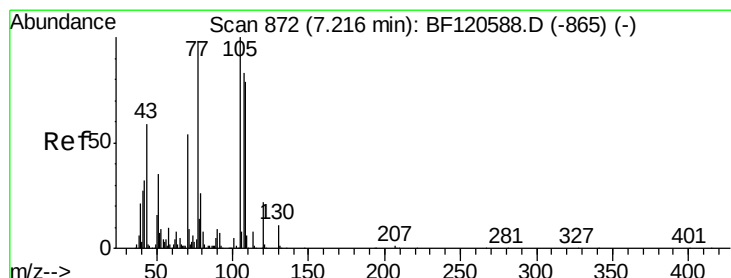
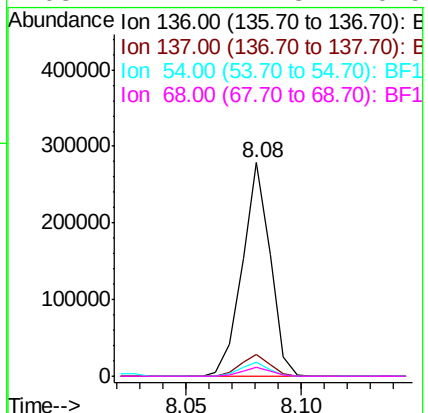
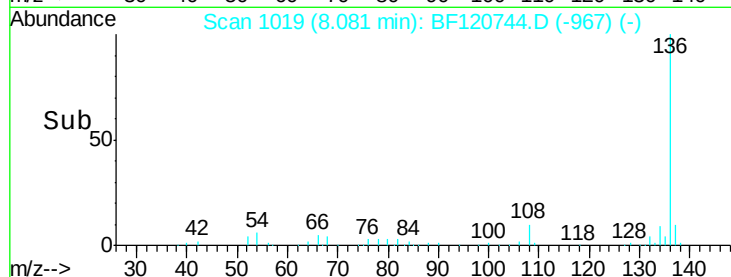
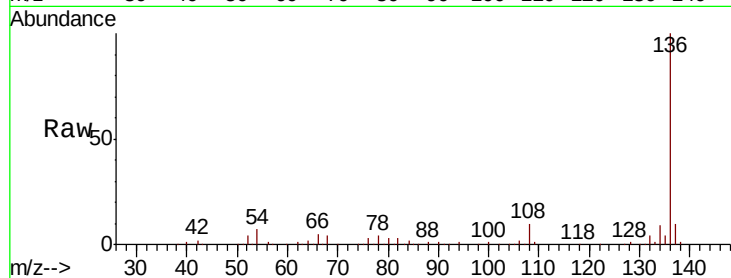
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		235093		
137	10.4	8.6	12.8		
54	6.5	5.3	7.9		
68	4.4	4.3	6.5		

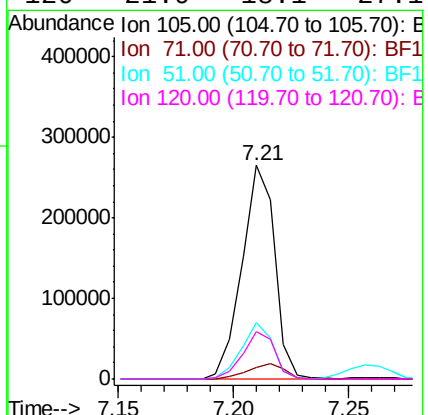
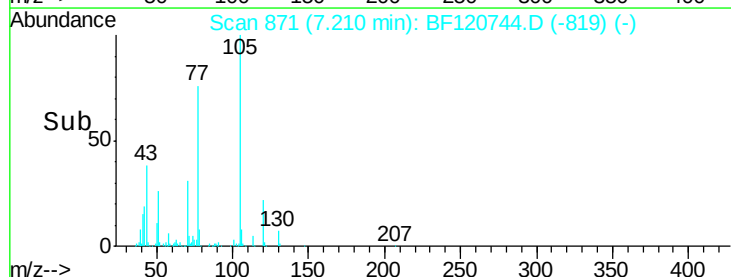
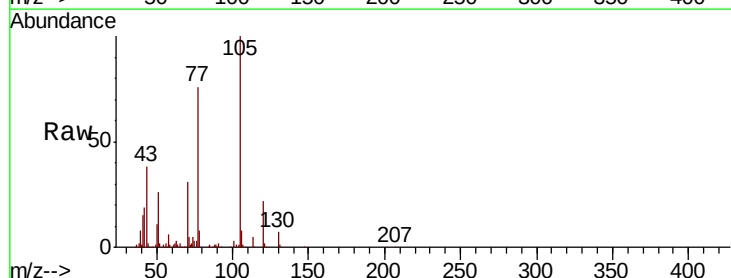
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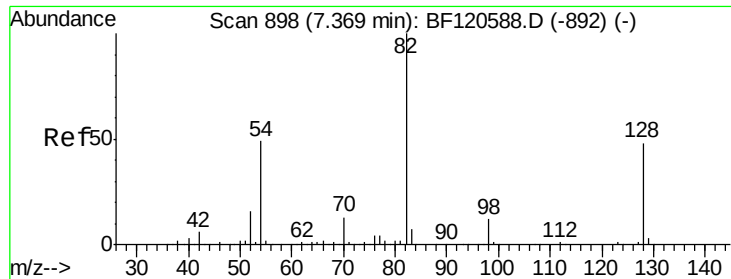
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#22
Acetophenone
Concen: 50.200 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		263846		
71	5.2	6.6	9.8#		
51	26.4	27.4	41.0#		
120	21.9	18.1	27.1		





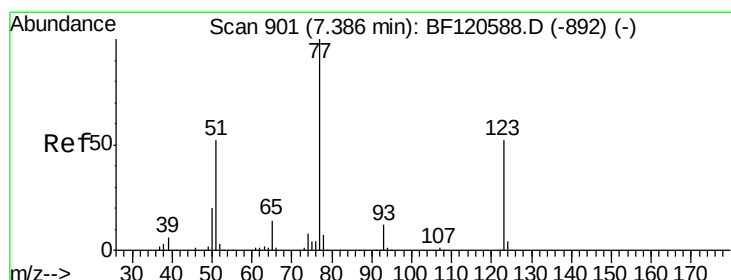
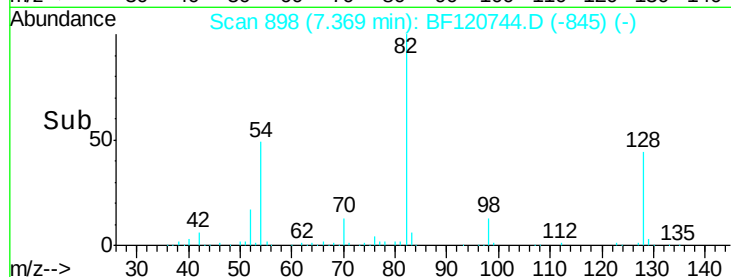
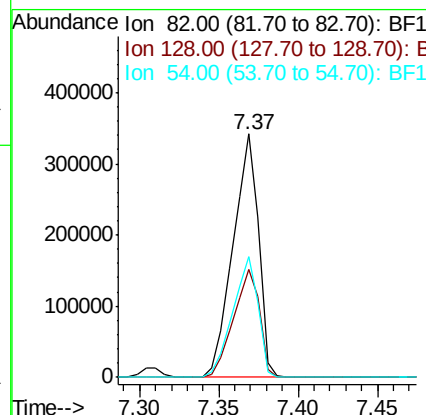
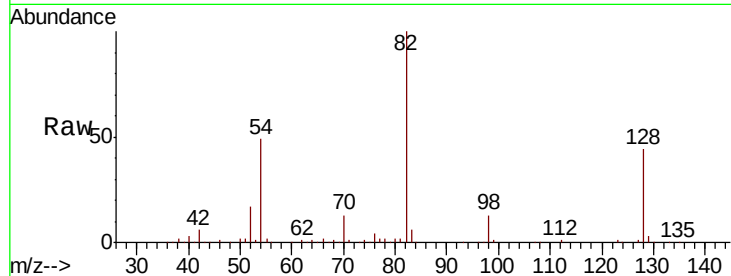
#23
Nitrobenzene-d5
Concen: 90.650 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	82	Resp	381261
Ion Ratio	Lower	Upper	
82	100		
128	44.4	38.1	57.1
54	49.4	38.8	58.2

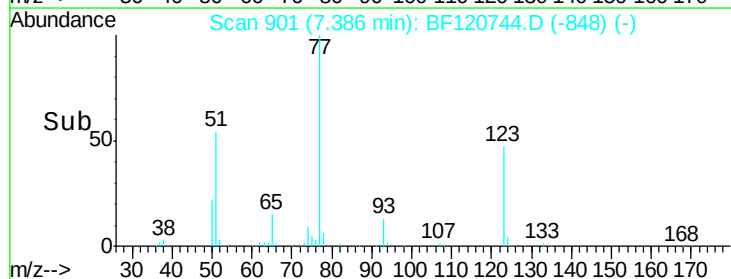
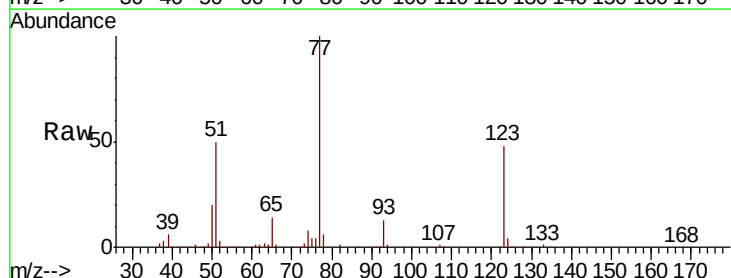
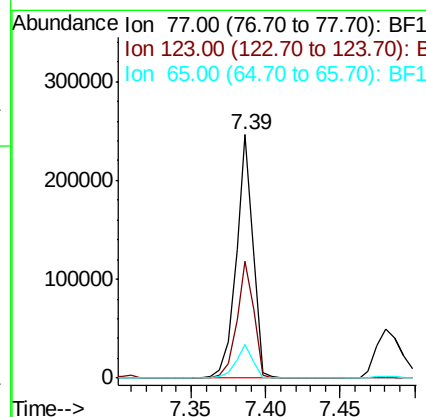
Manual Integrations
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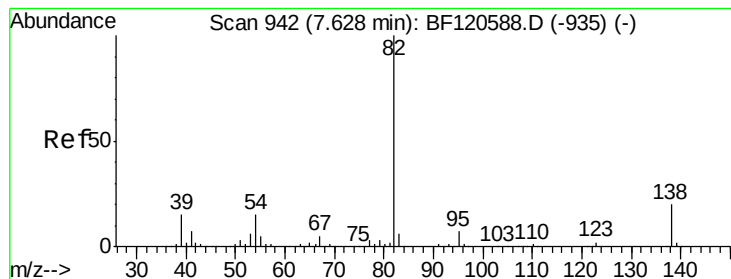
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#24
Nitrobenzene
Concen: 44.745 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	77	Resp	196934
Ion Ratio	Lower	Upper	
77	100		
123	48.0	41.5	62.3
65	13.7	10.9	16.3





#25

Isophorone

Concen: 42.464 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Instrument :

BNA_F

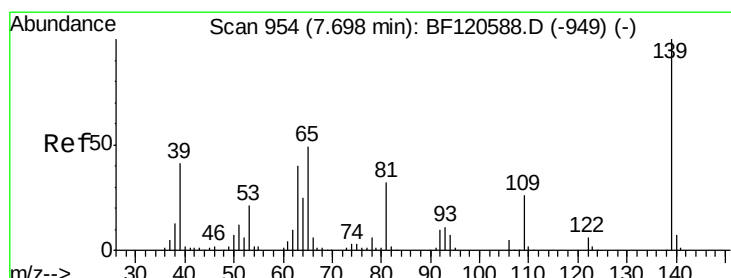
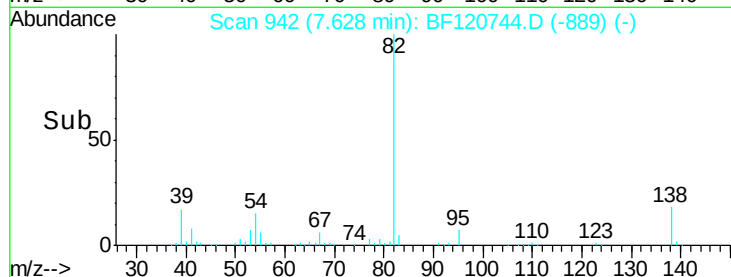
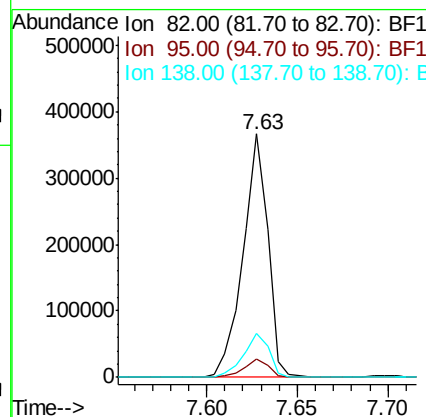
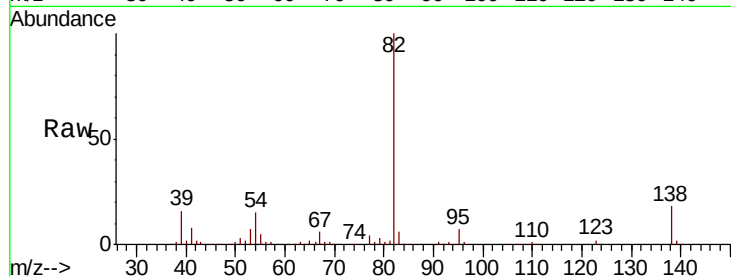
ClientSampleId :

NB-08-061620MSD

Tot Ion:	82	Resp:	347902
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.6	8.4
138	17.9	16.1	24.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.179 ng

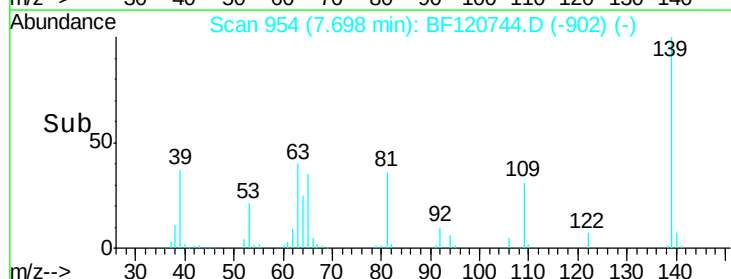
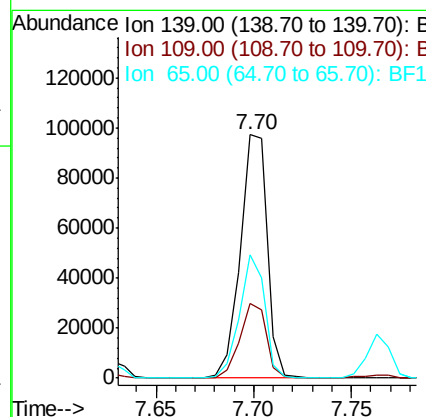
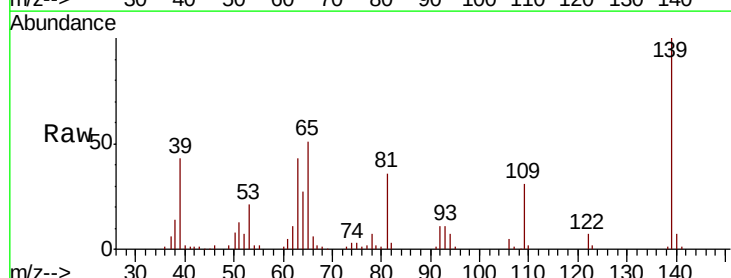
RT: 7.70 min Scan# 954

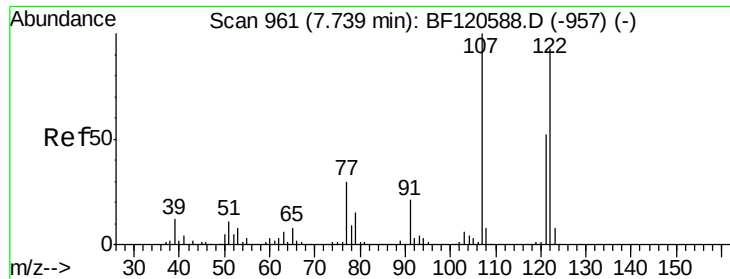
Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Tgt Ion:	139	Resp:	93555
Ion Ratio	Lower	Upper	
139	100		
109	30.7	20.7	31.1
65	50.9	33.6	50.4





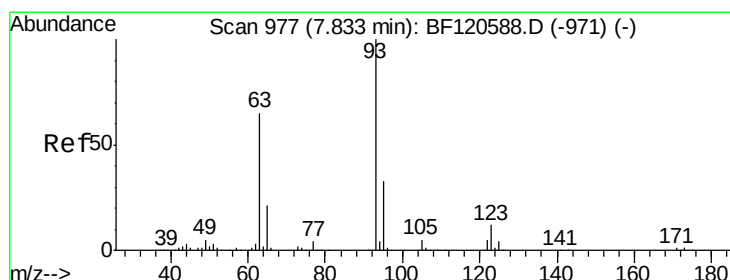
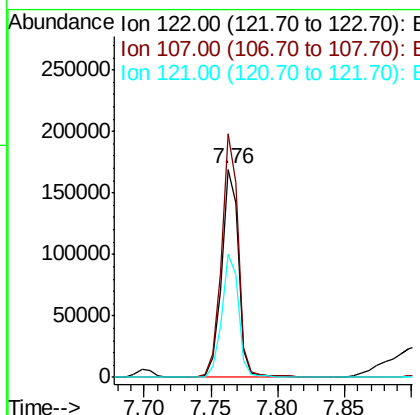
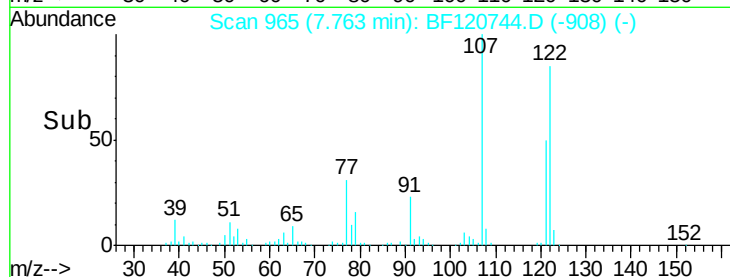
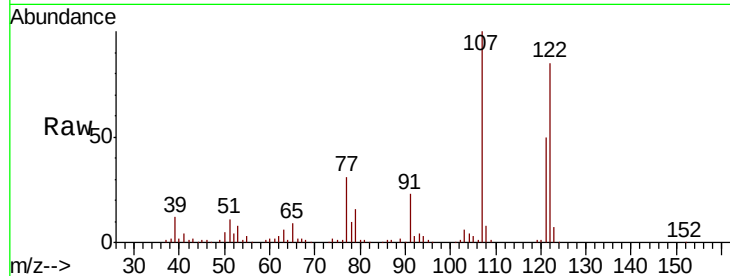
#27
2,4-Dimethylphenol
Concen: 44.654 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.04 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.1	89.4	134.2
121	59.1	46.2	69.4

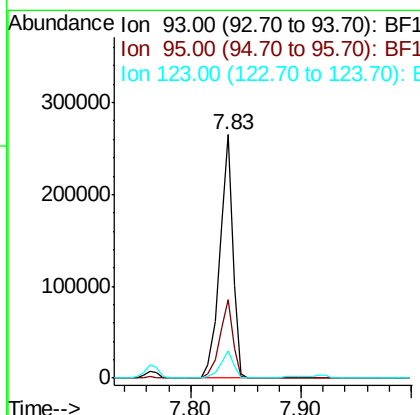
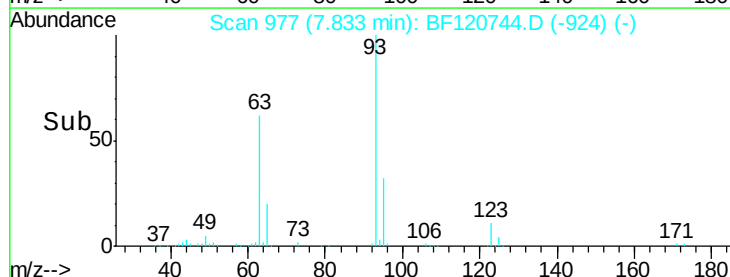
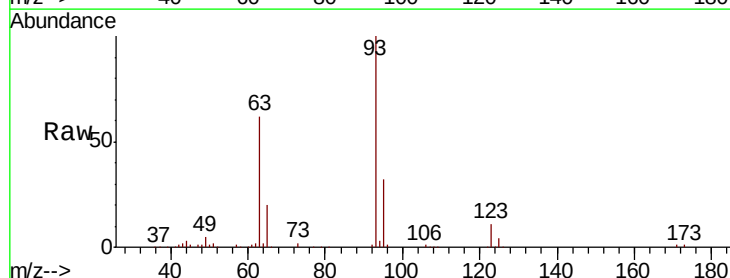
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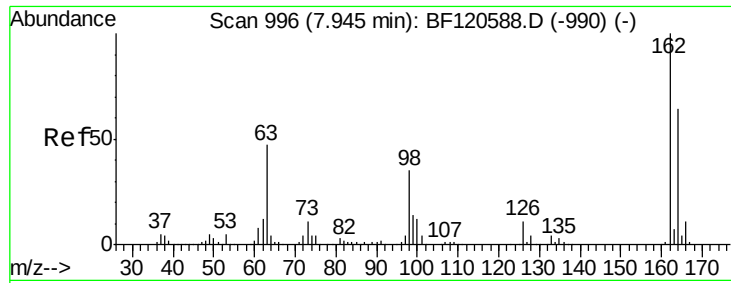
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.496 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.2
123	11.0	9.7	14.5





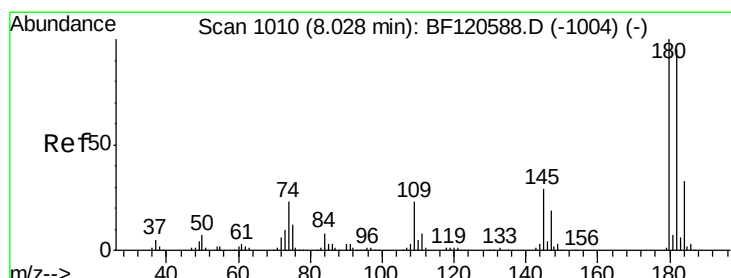
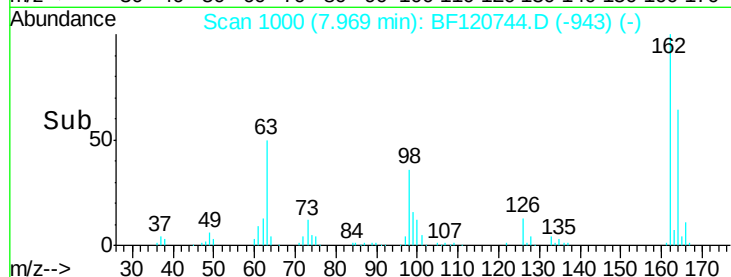
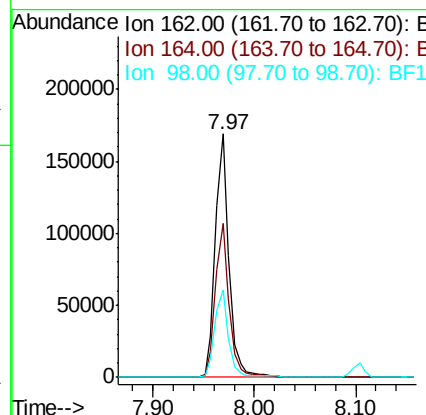
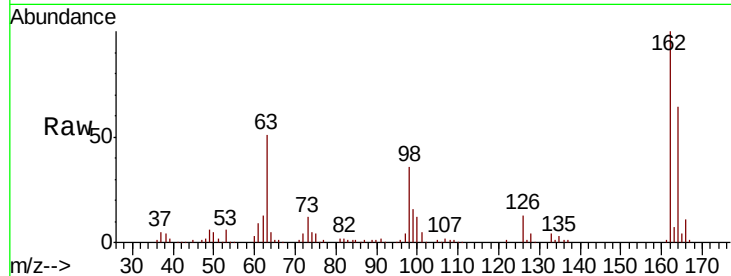
#29
2,4-Dichlorophenol
Concen: 45.927 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.04 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		160051		
164	63.5	45.1	85.1		
98	36.0	16.2	56.2		

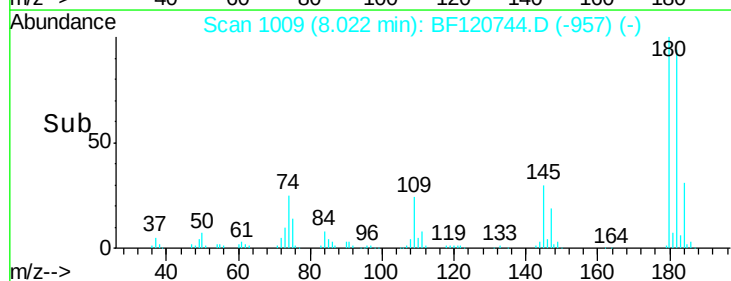
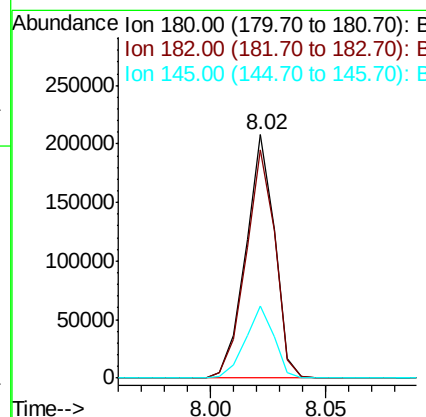
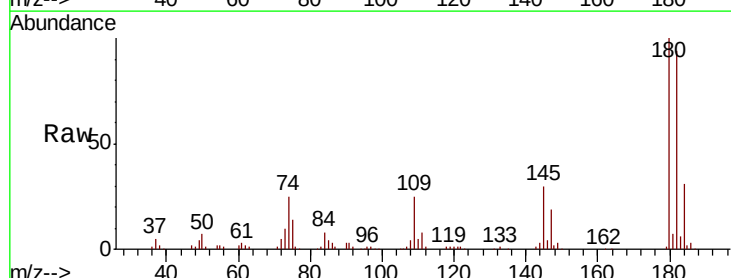
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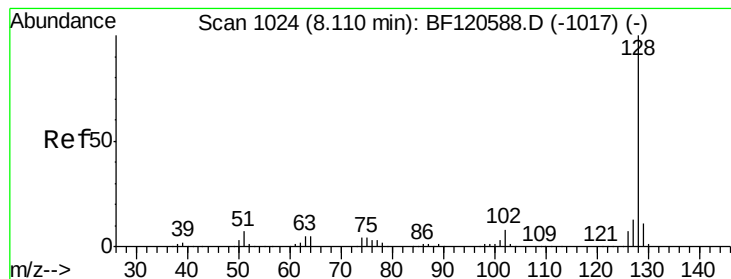
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.880 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		181050		
182	93.8	76.0	114.0		
145	29.7	23.4	35.2		





#31

Naphthalene

Concen: 49.374 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Instrument :

BNA_F

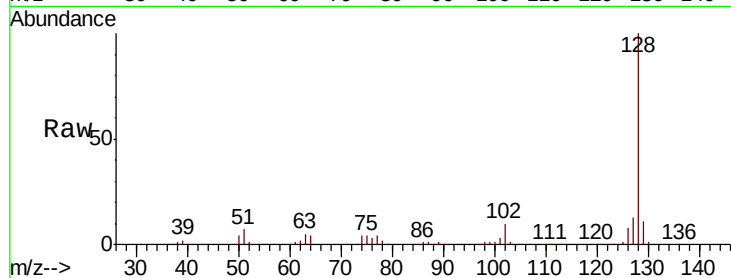
ClientSampleId :

NB-08-061620MSD

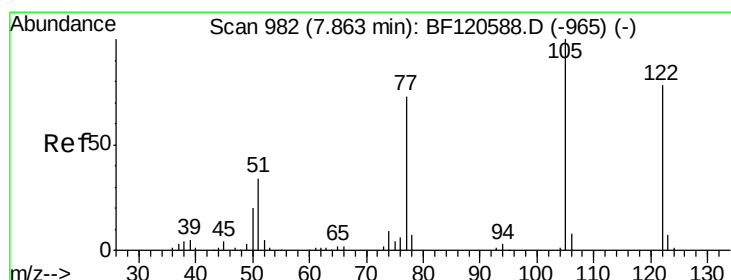
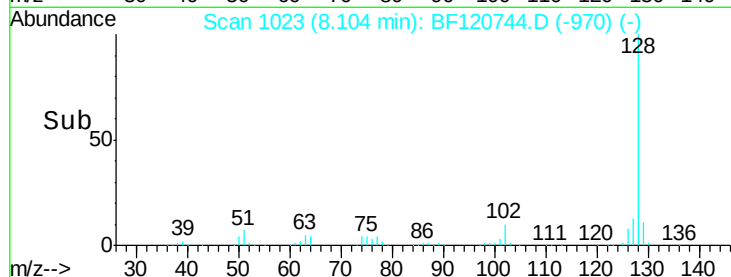
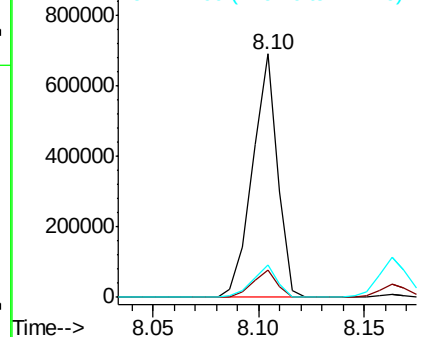
Tot Ion	128	Resp	569963
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.1	13.7
127	13.4	10.7	16.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.034 ng

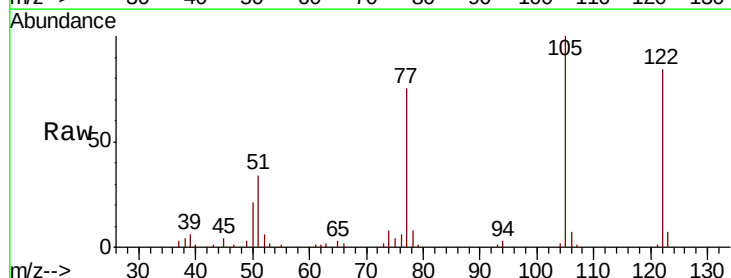
RT: 7.92 min Scan# 992

Delta R.T. 0.06 min

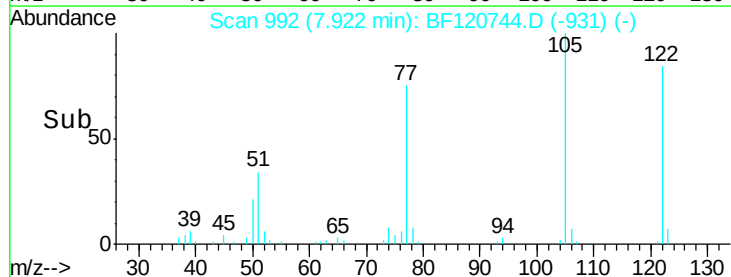
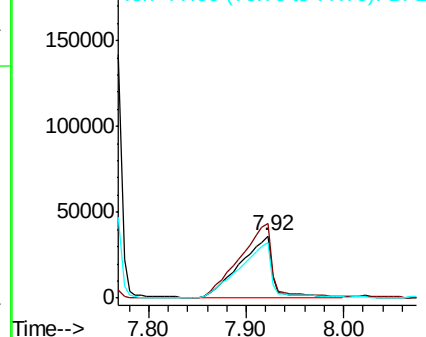
Lab File: BF120744.D

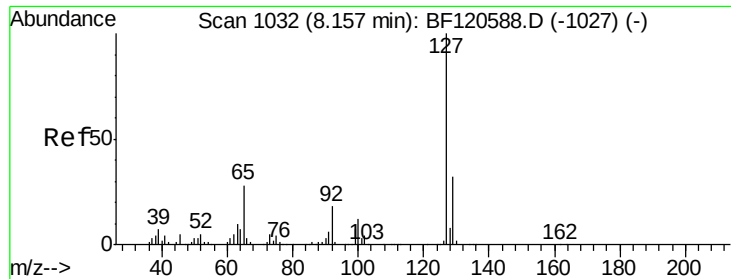
Acq: 29 Jun 2020 23:01

Tgt Ion	122	Resp	86894
Ion Ratio	Lower	Upper	
122	100		
105	119.6	98.4	138.4
77	90.2	63.8	103.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





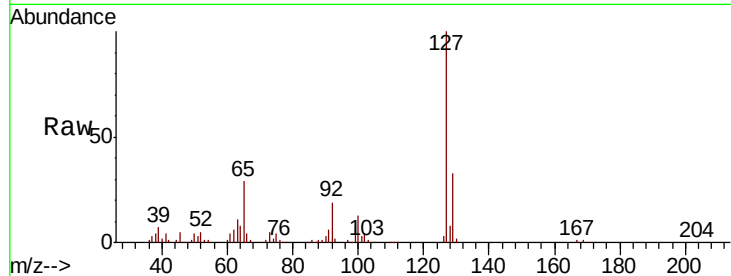
#33
4-Chloroaniline
Concen: 22.637 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

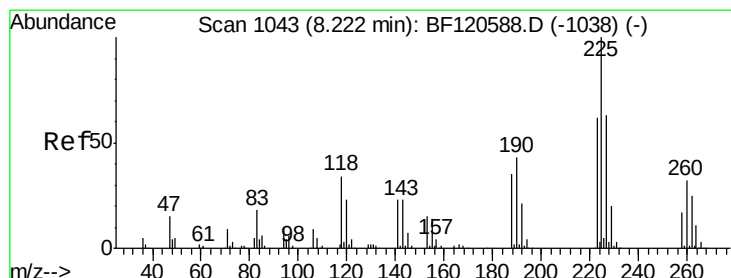
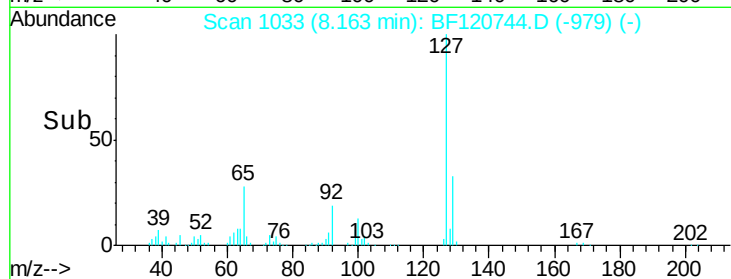
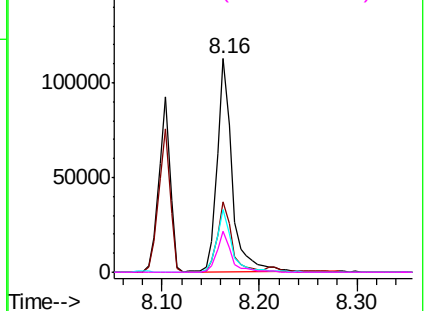
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.2	39.2		
65	29.1	21.8	32.6		
92	19.2	14.5	21.7		

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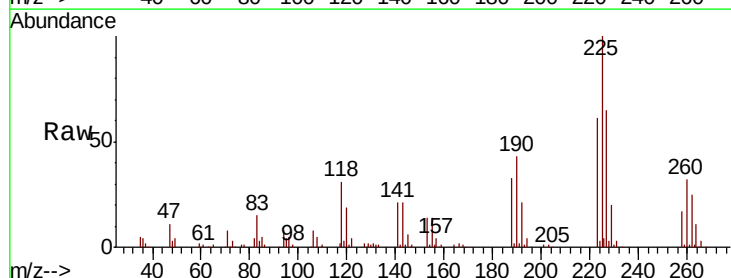


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

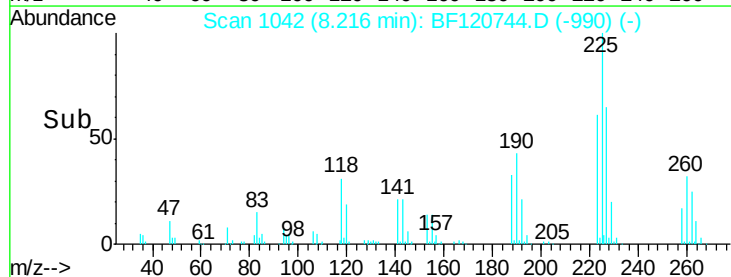
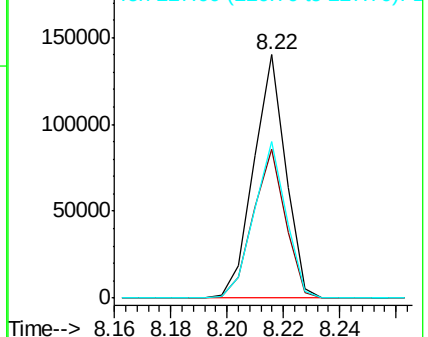


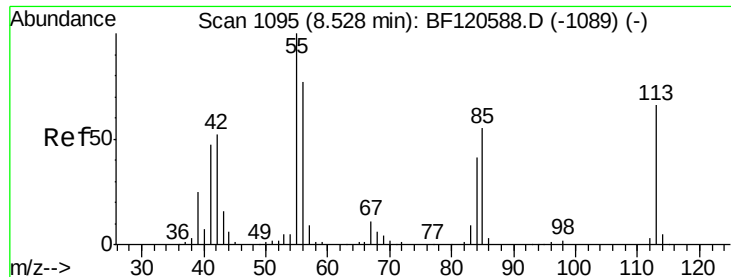
#34
Hexachlorobutadiene
Concen: 48.766 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	50.0	75.0		
227	64.5	50.5	75.7		



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





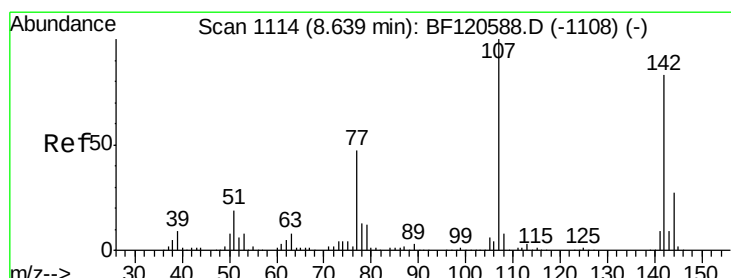
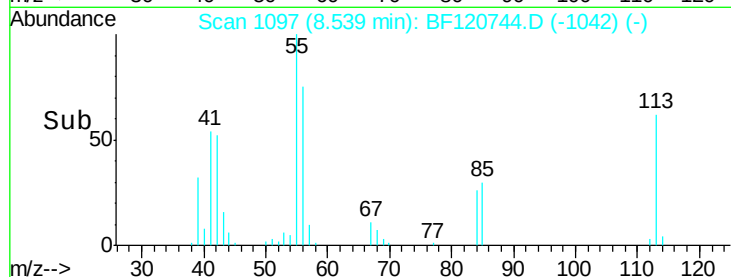
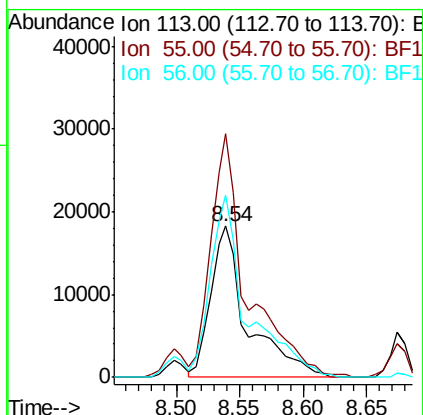
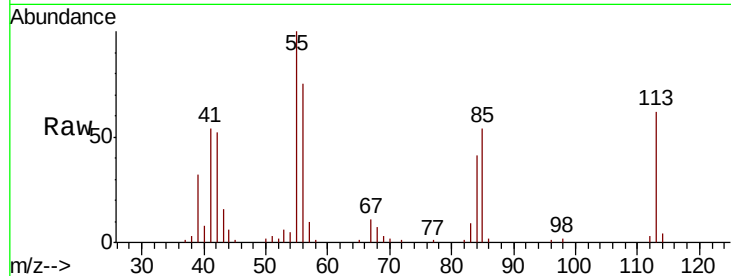
#35
Caprolactam
Concen: 33.380 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	161.0	143.7	183.7	
56	120.7	98.6	138.6	

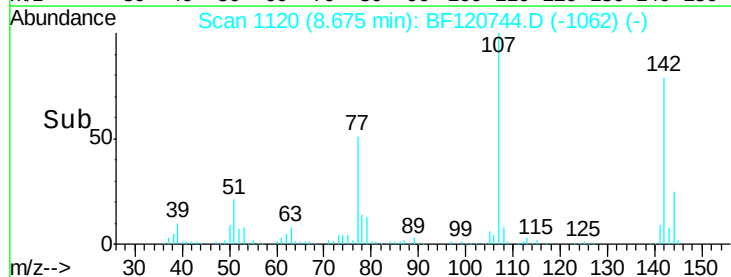
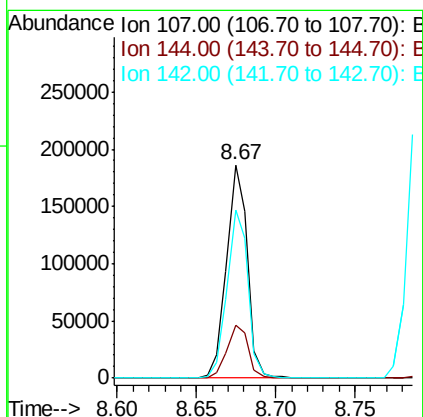
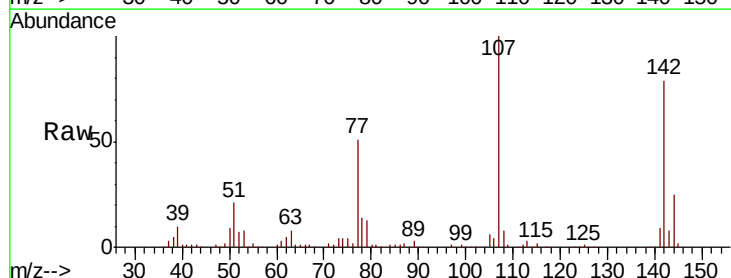
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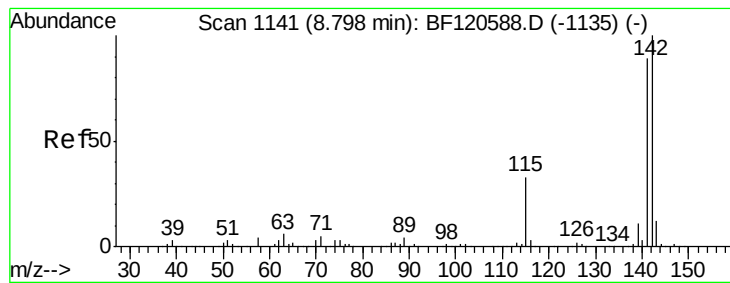
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#36
4-Chloro-3-methylphenol
Concen: 48.809 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.04 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.0	21.9	32.9	
142	78.8	67.7	101.5	





#37

2-Methylnaphthalene

Concen: 51.173 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

Tot Ion:142 Resp: 385633

Ion Ratio Lower Upper

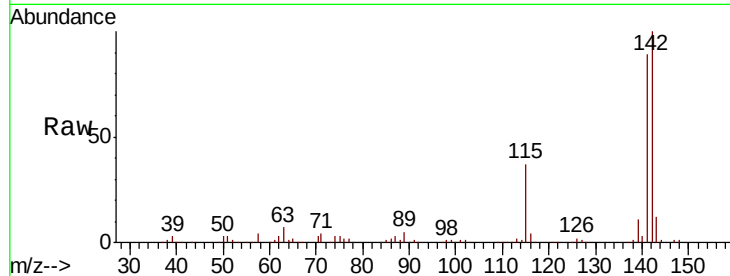
142 100

141 89.3 69.2 103.8

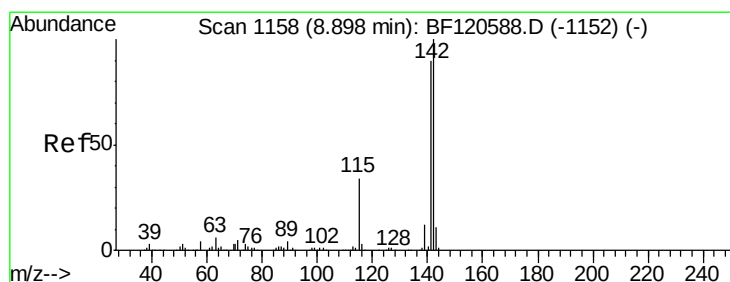
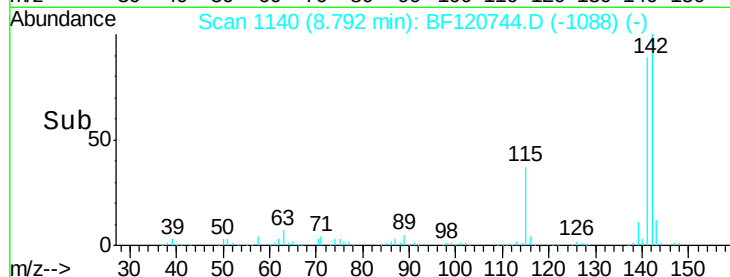
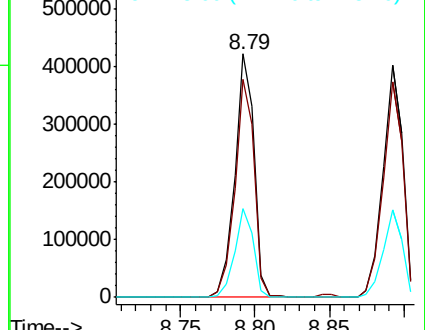
115 36.6 26.3 39.5

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.362 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

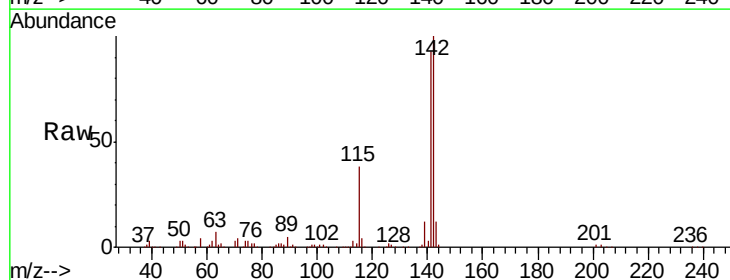
Tgt Ion:142 Resp: 364211

Ion Ratio Lower Upper

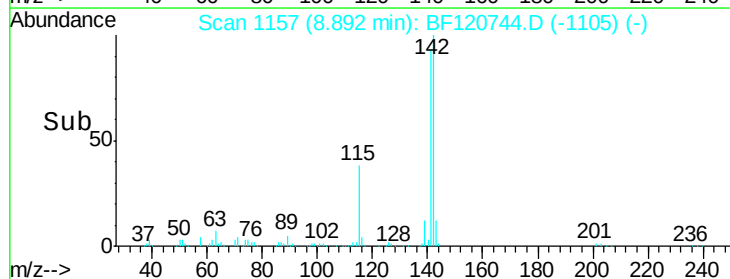
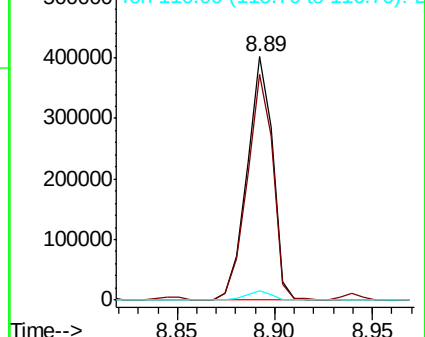
142 100

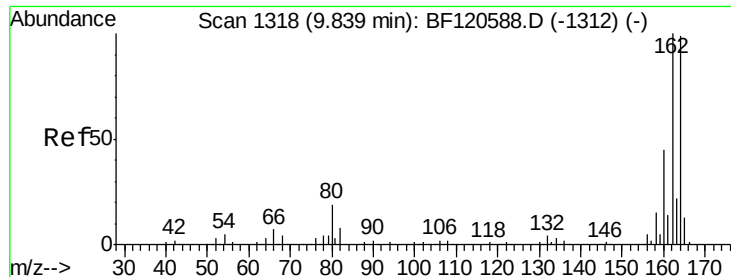
141 92.9 72.7 109.1

116 3.9 2.7 4.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Instrument :

BNA_F

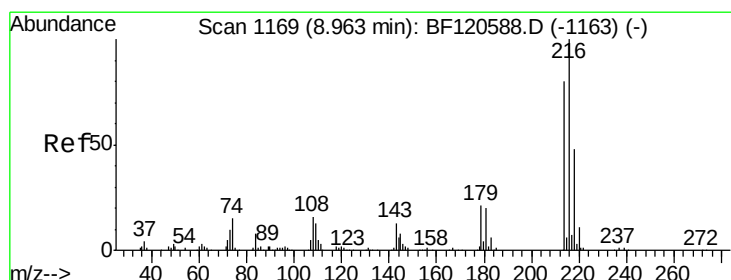
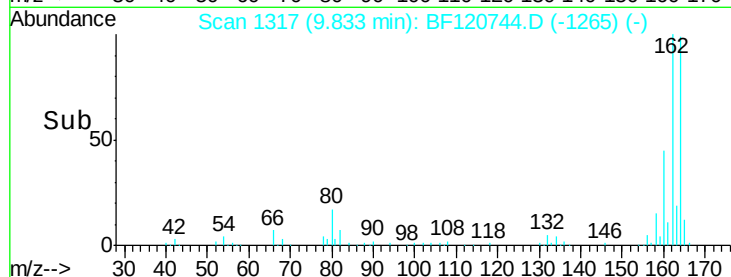
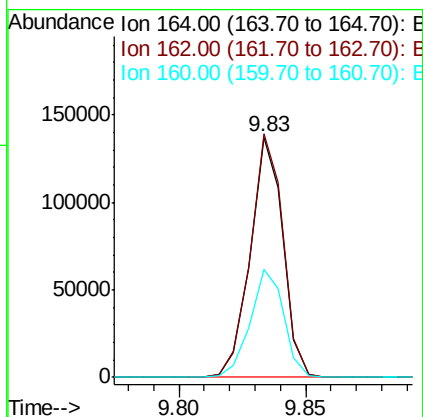
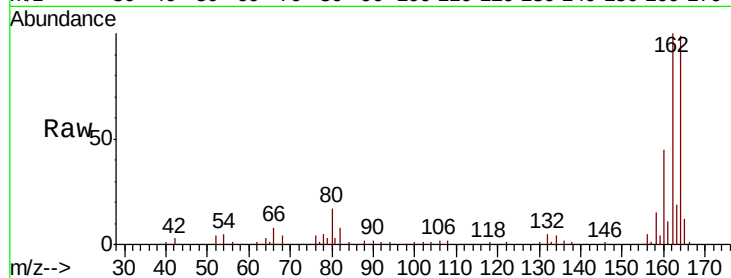
ClientSampleId :

NB-08-061620MSD

Tot Ion:	164	Resp:	122414
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.4	122.0
160	45.2	36.6	55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.146 ng

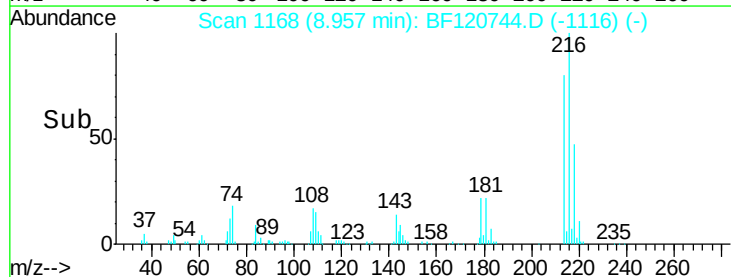
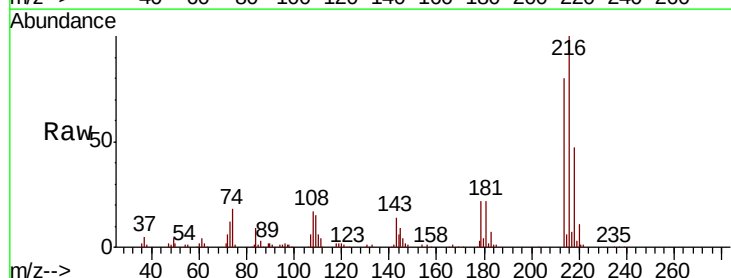
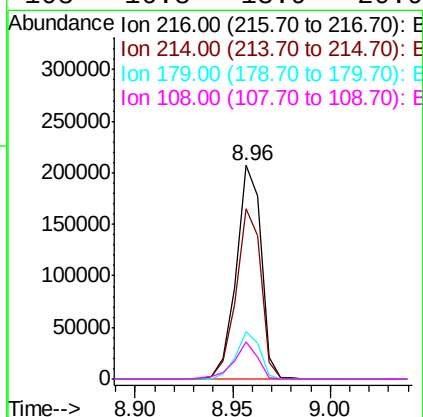
RT: 8.96 min Scan# 1168

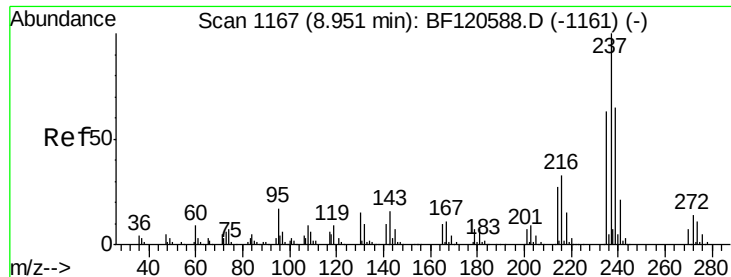
Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Tgt Ion:	216	Resp:	183292
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.1	94.7
179	21.1	16.3	24.5
108	16.8	13.9	20.9





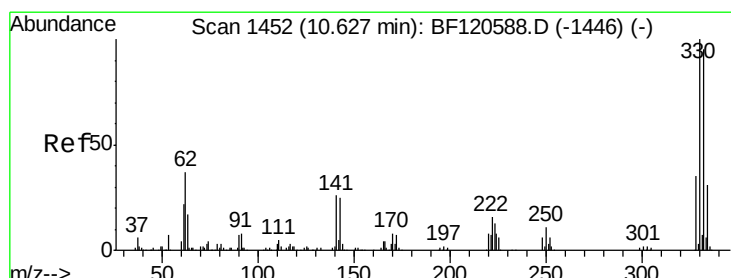
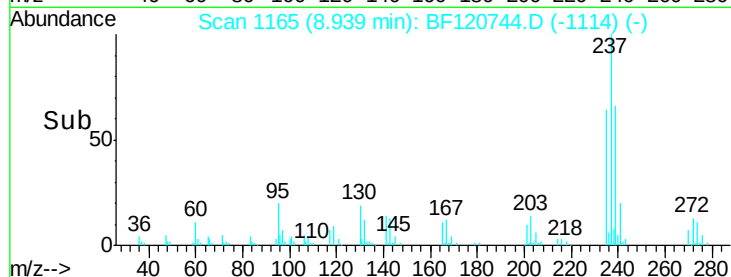
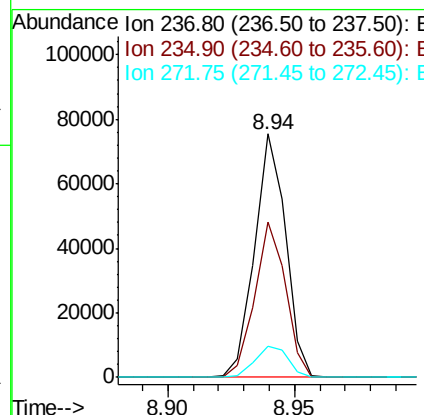
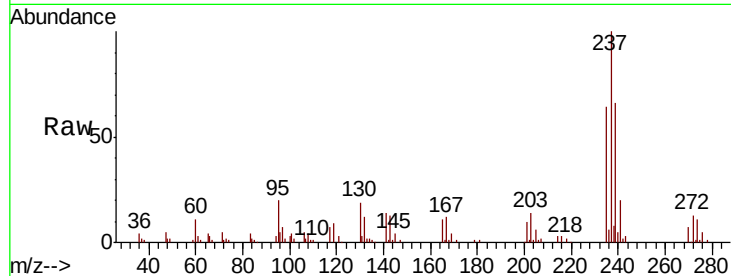
#41
Hexachlorocyclopentadiene
Concen: 31.540 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.2	82.2
272	13.0	0.0	33.6

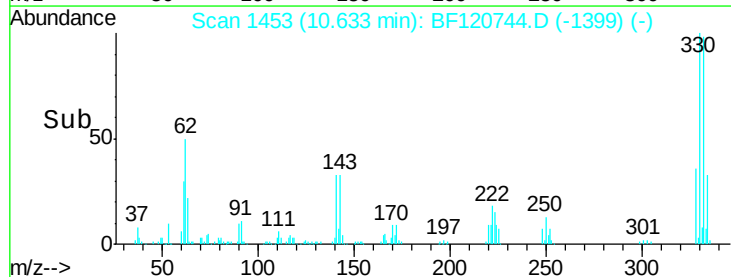
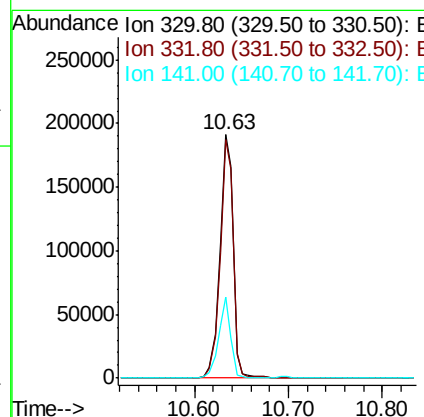
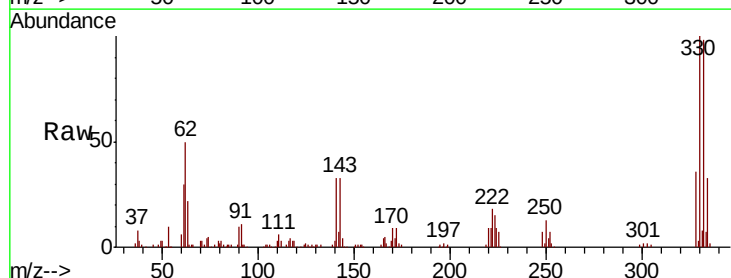
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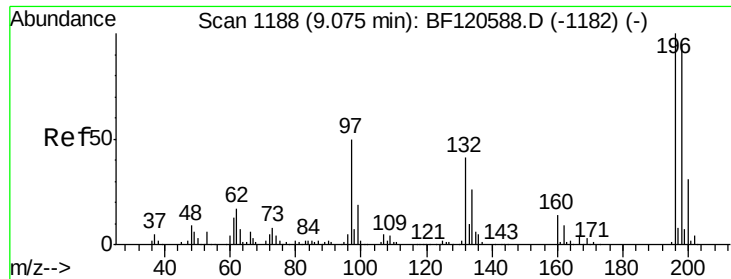
mohammad
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#42
2,4,6-Tribromophenol
Concen: 134.251 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.4	114.6
141	30.6	23.0	34.6





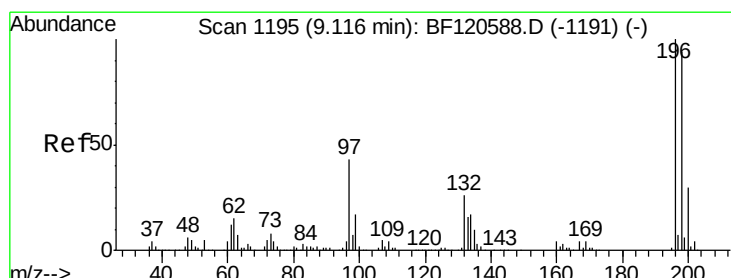
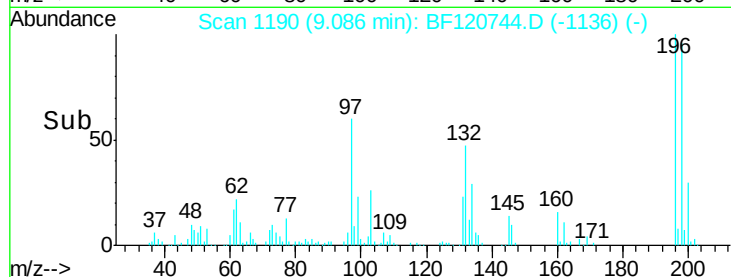
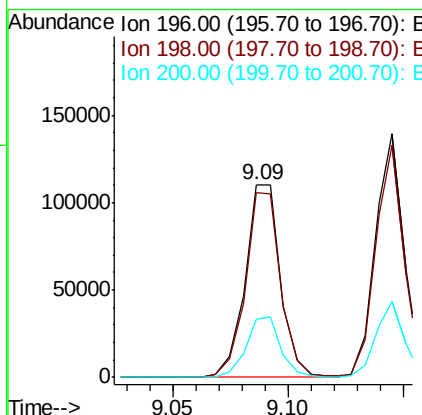
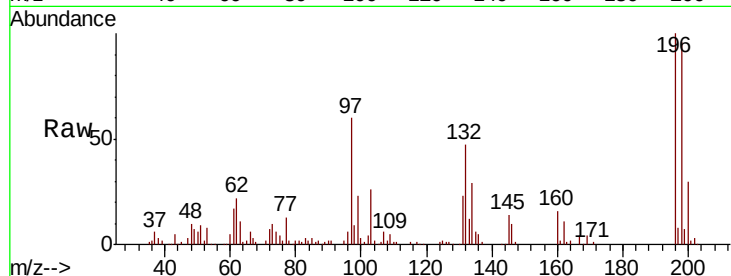
#43
 2,4,6-Trichlorophenol
 Concen: 45.552 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.02 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	118108		
198	95.5	77.8	116.6	
200	30.3	24.7	37.1	

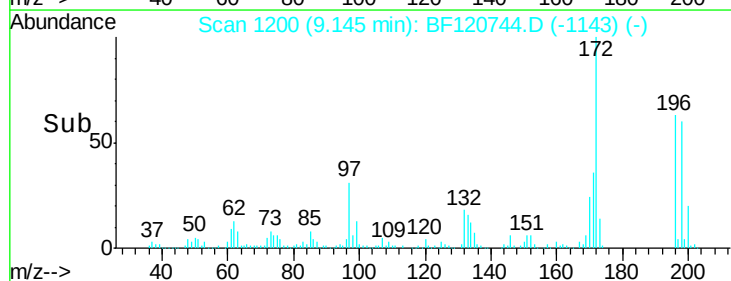
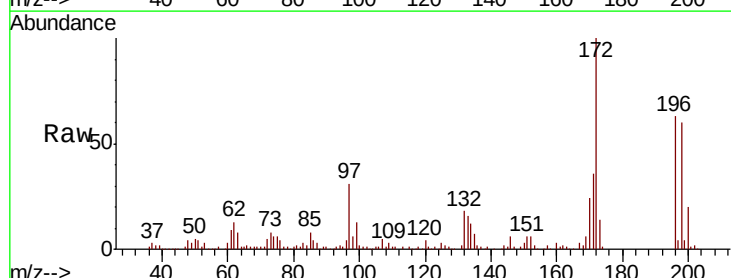
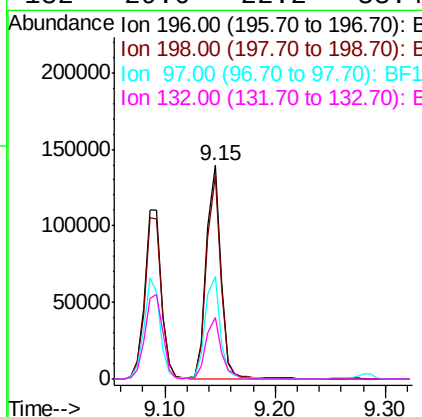
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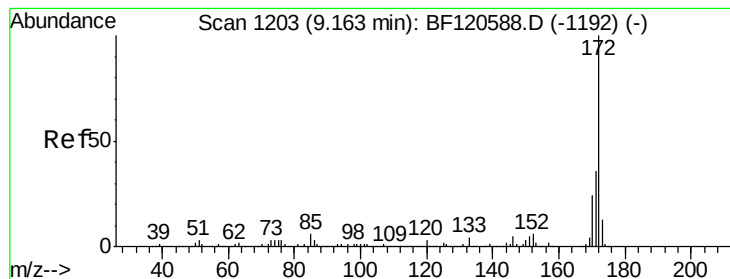
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#44
 2,4,5-Trichlorophenol
 Concen: 41.952 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.04 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	123409		
198	95.3	76.2	114.2	
97	48.2	35.8	53.8	
132	29.0	22.2	33.4	





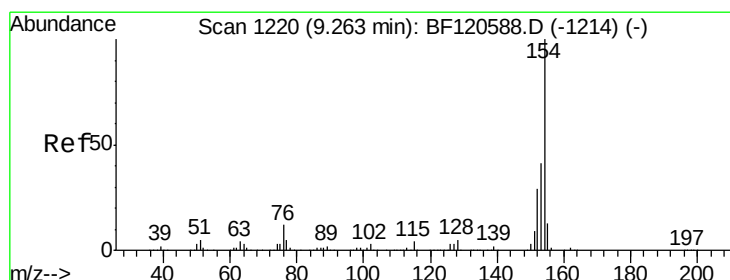
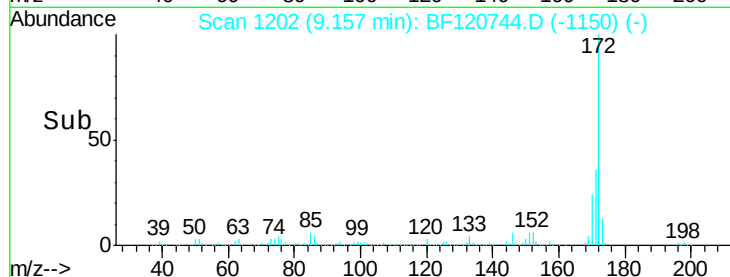
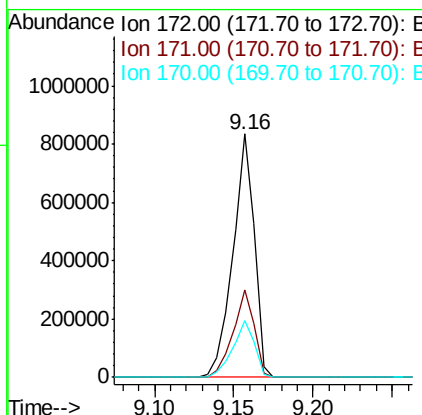
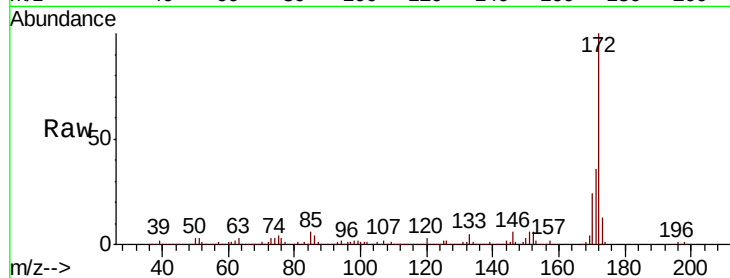
#45
2-Fluorobiphenyl
Concen: 97.402 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		779311		
171	35.7	28.6	43.0		
170	23.6	19.1	28.7		

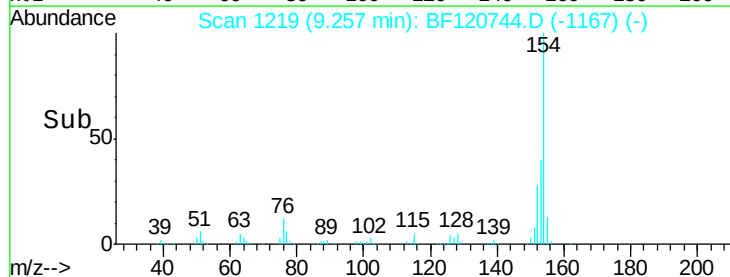
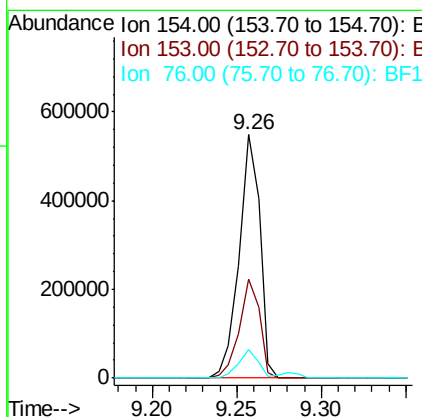
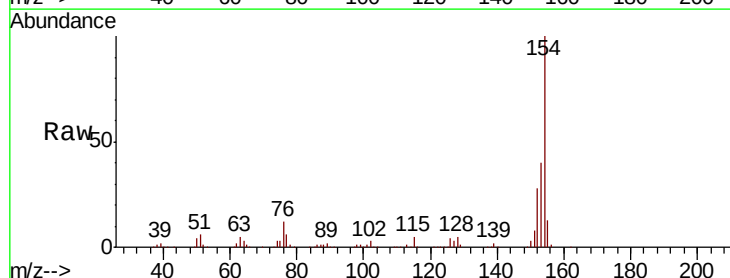
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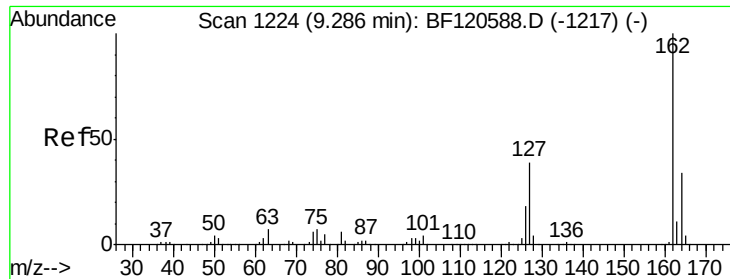
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#46
1,1'-Biphenyl
Concen: 51.518 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		470910		
153	40.4	19.9	59.9		
76	11.9	0.0	31.0		





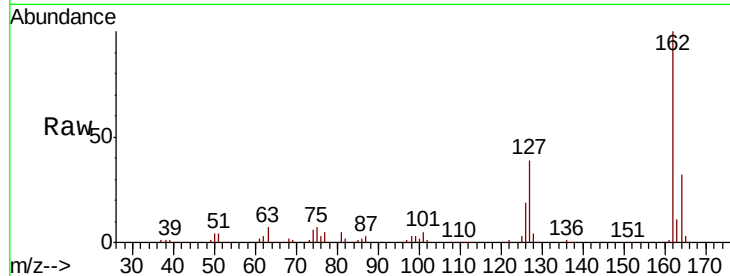
#47
 2-Chloronaphthalene
 Concen: 48.807 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

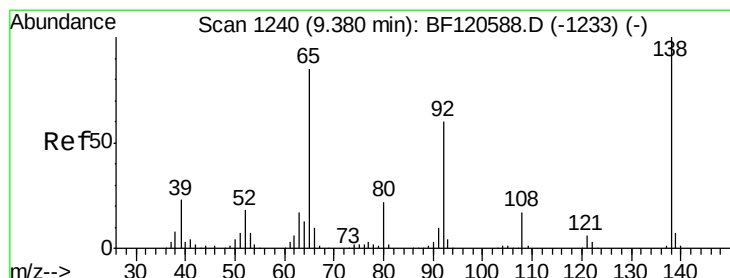
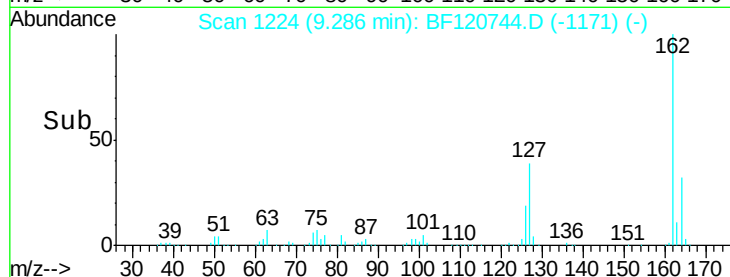
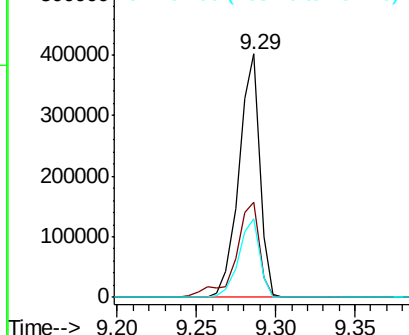
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.2	46.8
164	32.3	26.6	40.0

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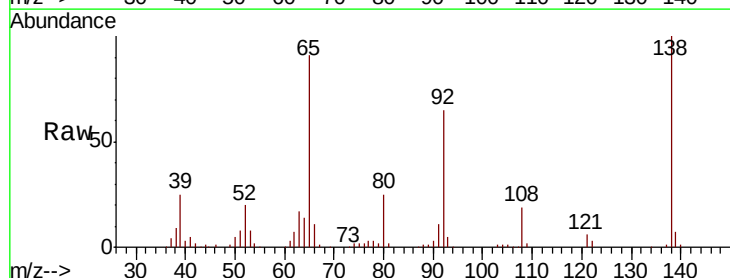


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

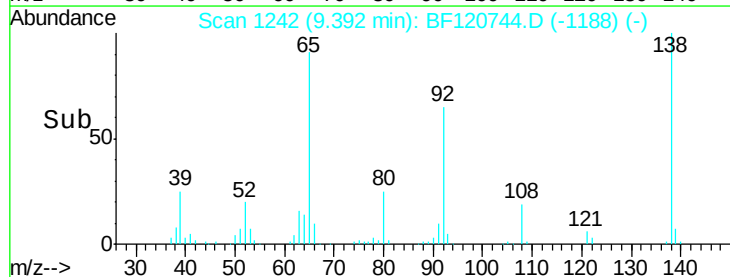
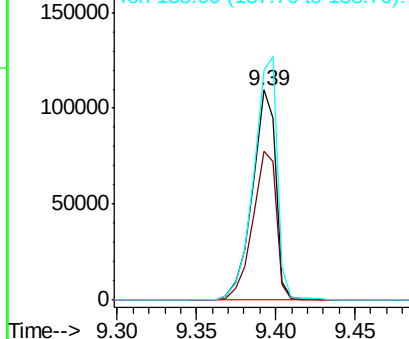


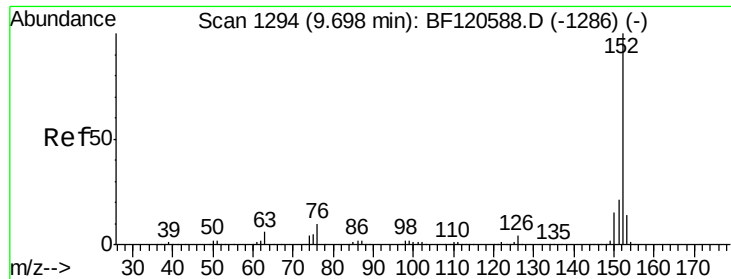
#48
 2-Nitroaniline
 Concen: 47.689 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.02 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.7	86.5
138	109.3	96.6	145.0



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





#49

Acenaphthylene

Concen: 48.595 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Instrument :

BNA_F

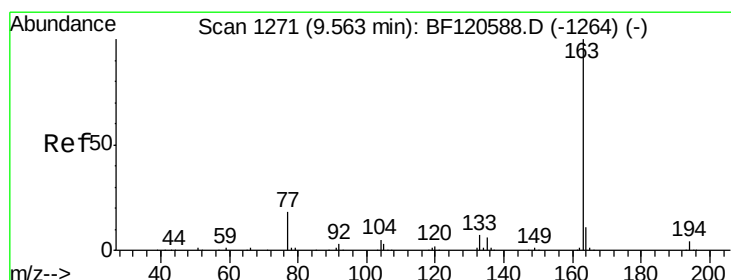
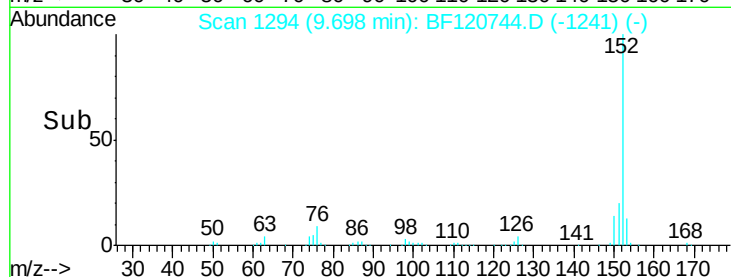
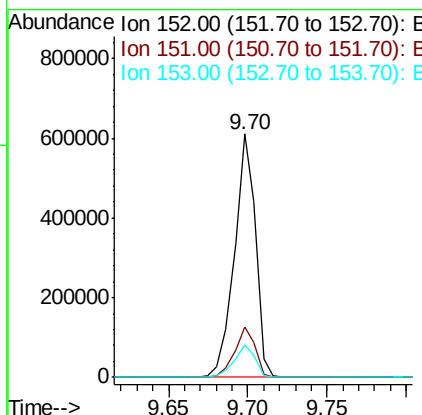
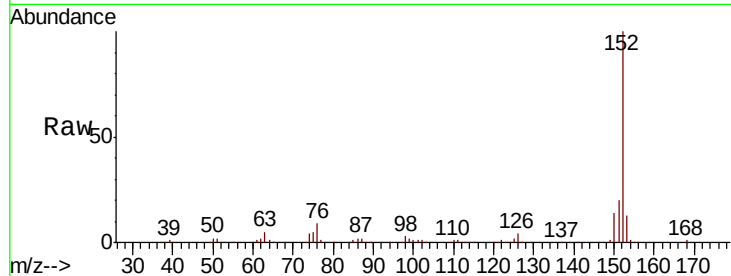
ClientSampleId :

NB-08-061620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		560589		
151	20.4	15.8	23.8		
153	13.2	10.9	16.3		

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#50

Dimethylphthalate

Concen: 55.918 ng

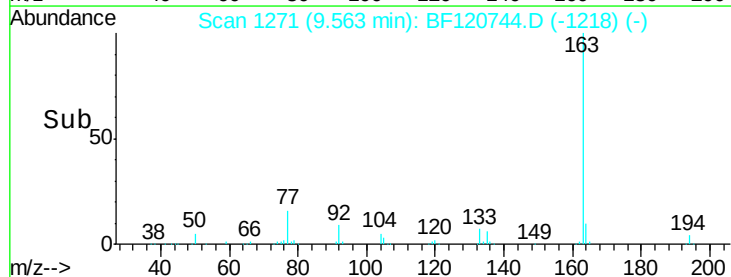
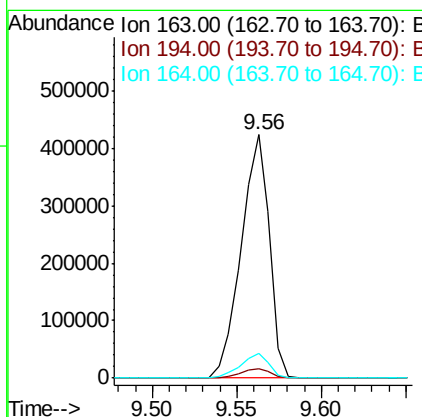
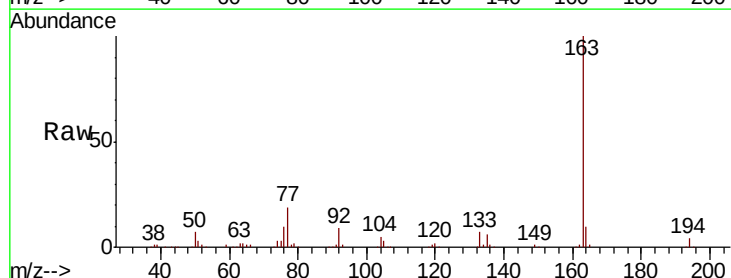
RT: 9.56 min Scan# 1271

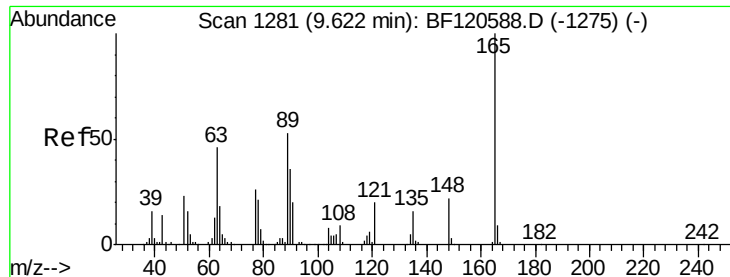
Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		492992		
194	3.7	3.0	4.6		
164	9.9	8.2	12.2		





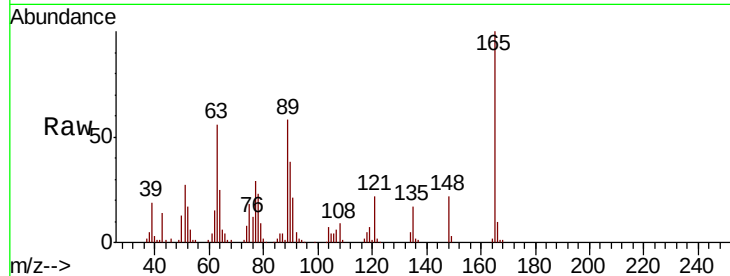
#51
 2,6-Dinitrotoluene
 Concen: 47.770 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.0	36.8	55.2#
89	57.6	39.4	59.0

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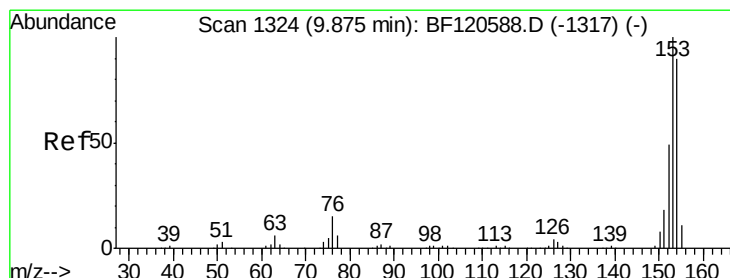
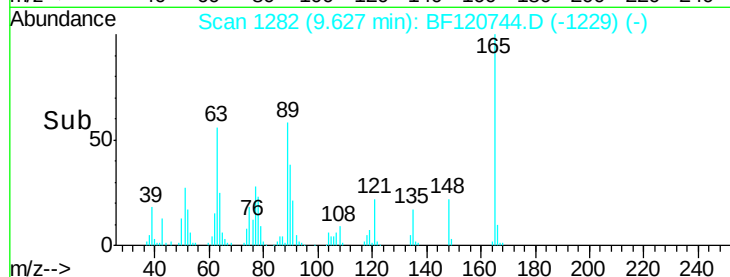
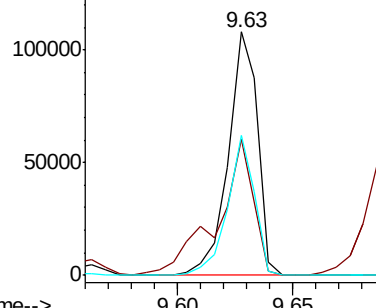


Abundance

Ion 165.00 (164.70 to 165.70): E

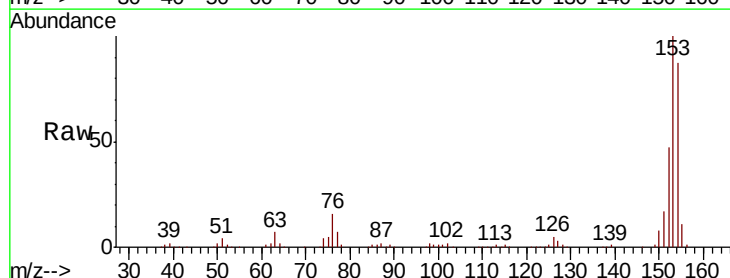
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 48.870 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	90.1	135.1
152	54.0	43.1	64.7

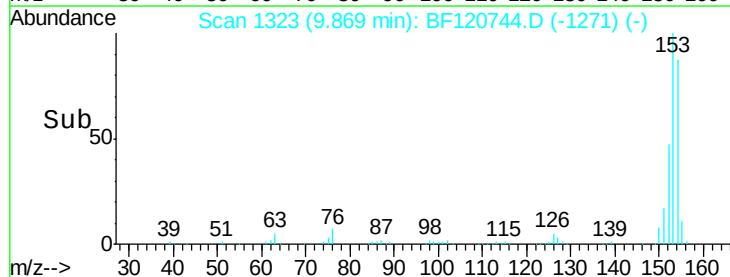
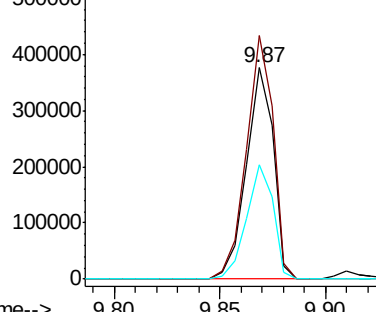


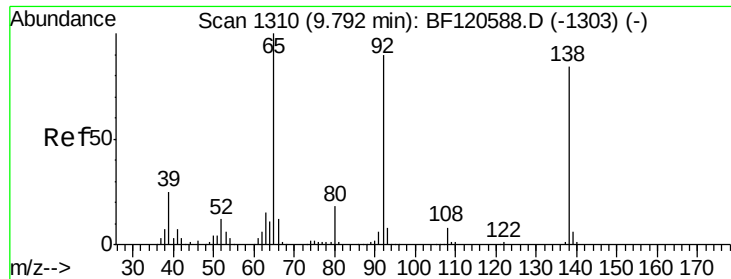
Abundance

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





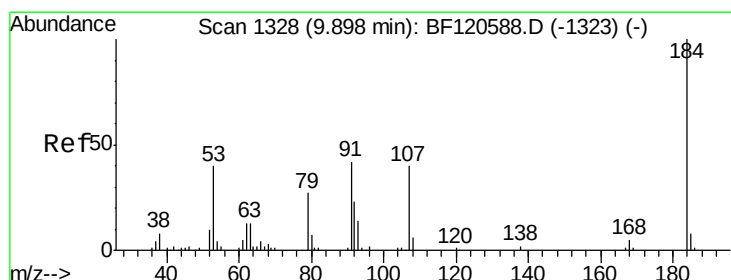
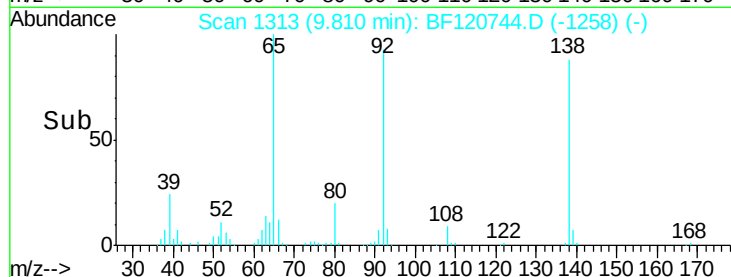
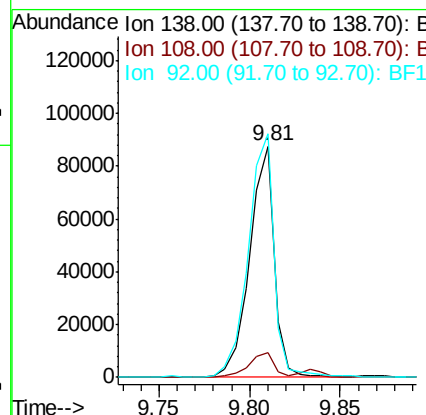
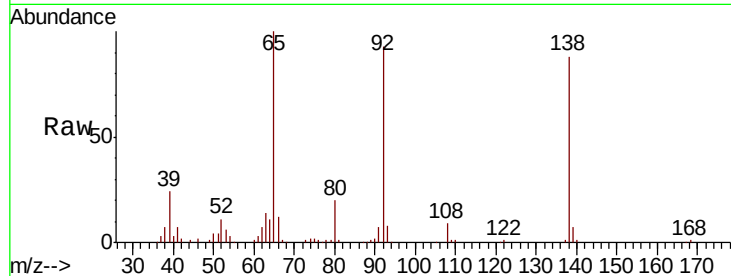
#53
3-Nitroaniline
Concen: 34.459 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.6	11.4
92	105.5	82.2	123.4

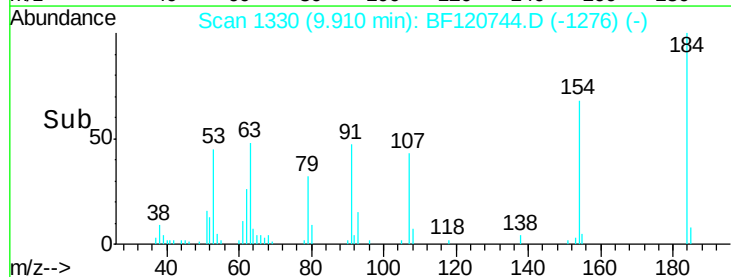
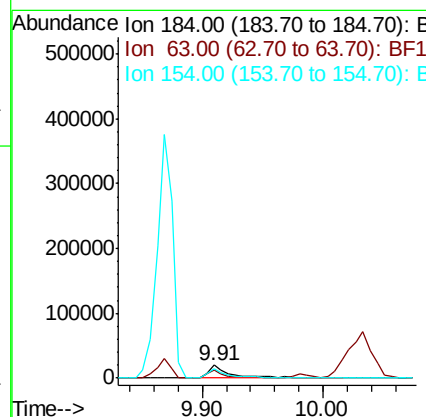
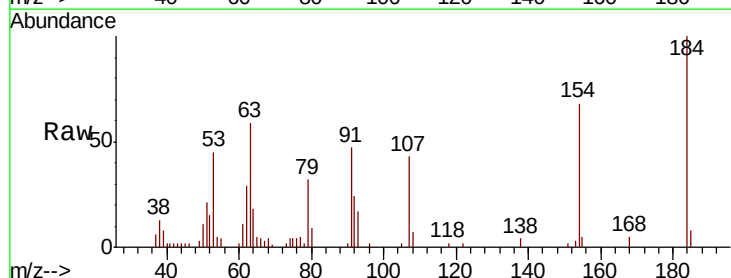
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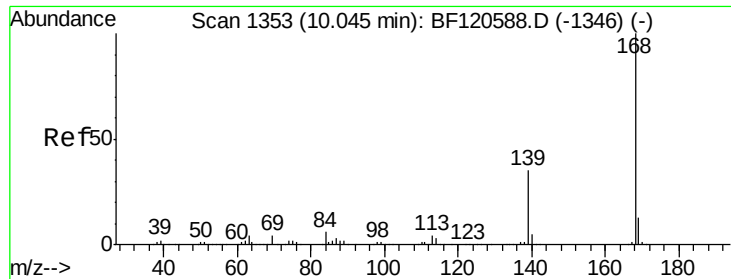
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#54
2,4-Dinitrophenol
Concen: 24.935 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.8	47.4	71.0
154	68.0	45.3	67.9#





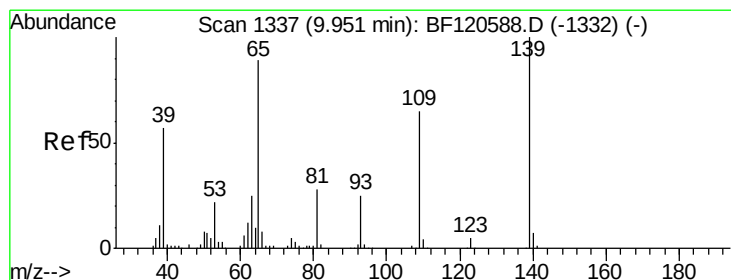
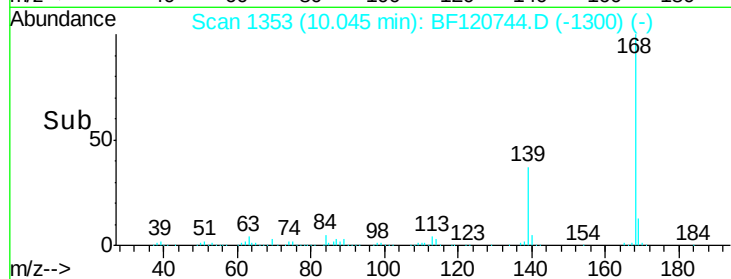
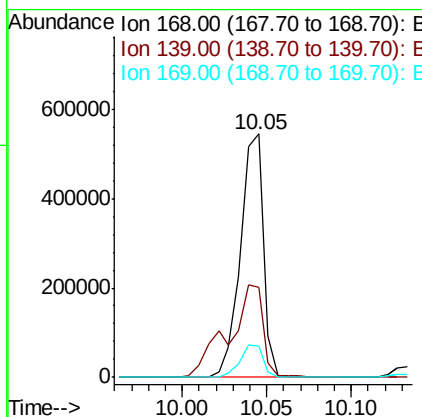
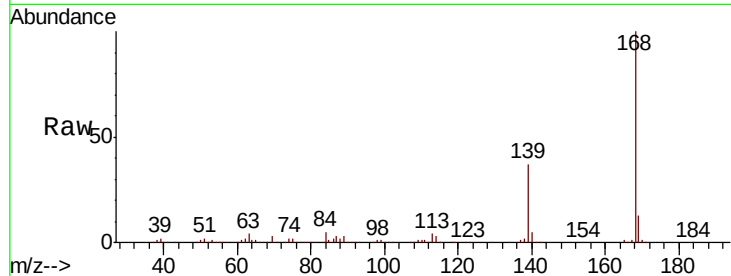
#55
Dibenzenofuran
Concen: 49.042 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	28.6	43.0
169	13.0	10.7	16.1

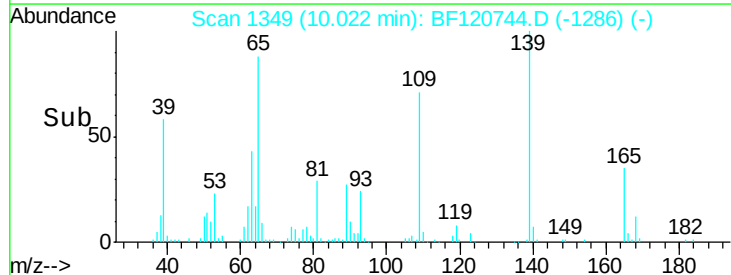
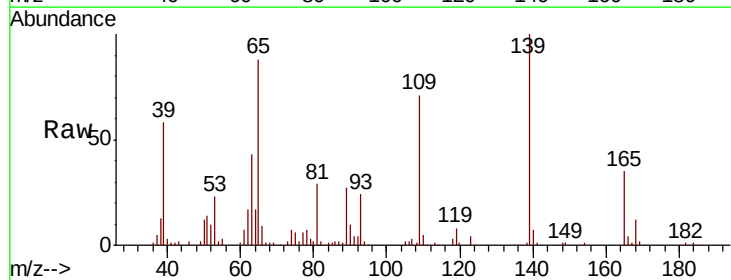
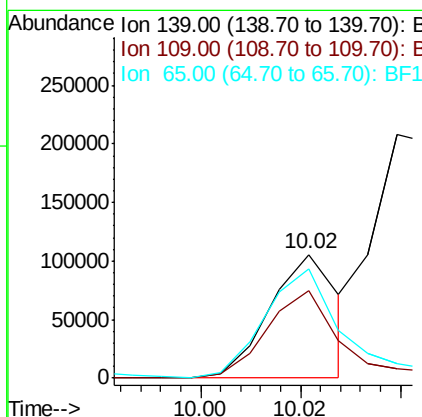
Manual Integrations
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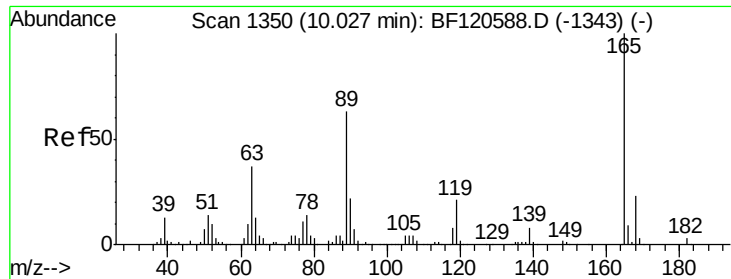
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#56
4-Nitrophenol
Concen: 55.377 ng m
RT: 10.02 min Scan# 1349
Delta R.T. 0.07 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.9	44.5	84.5
65	88.0	69.7	109.7





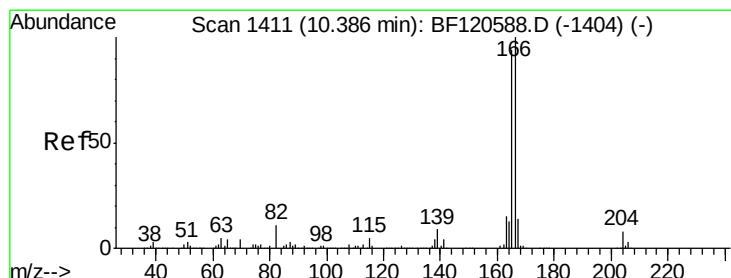
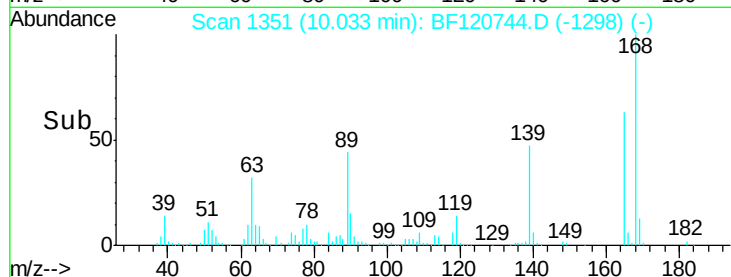
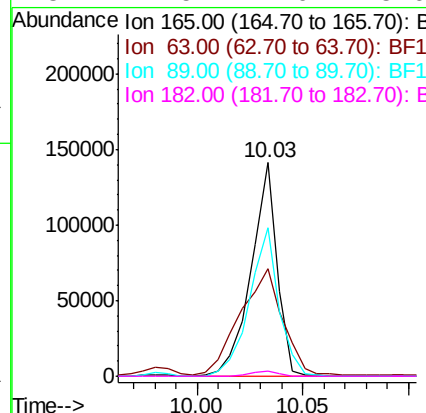
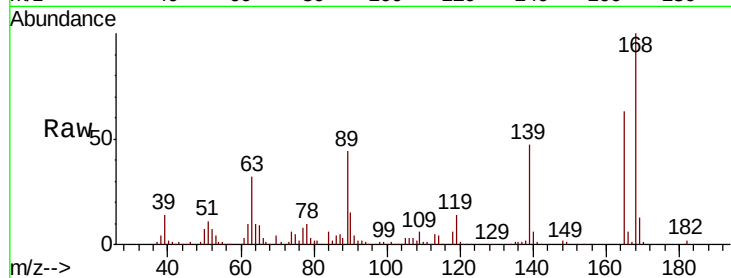
#57
2,4-Dinitrotoluene
Concen: 45.773 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.7	30.1	45.1#
89	69.8	49.2	73.8
182	2.5	2.0	3.0

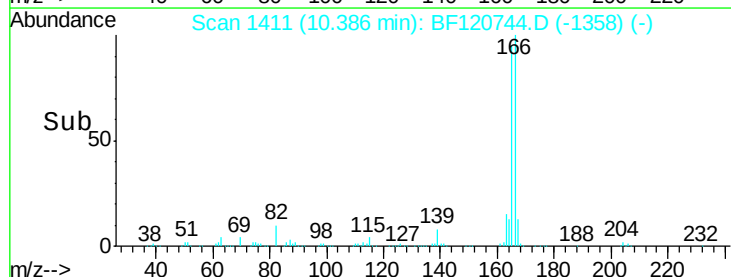
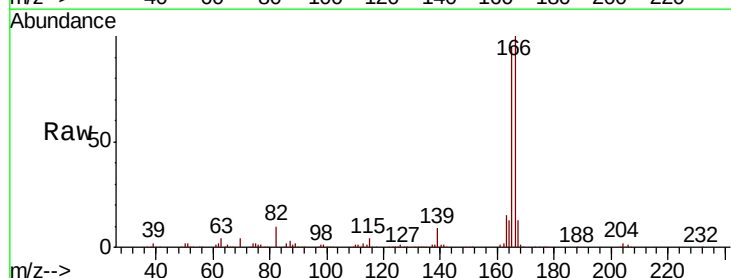
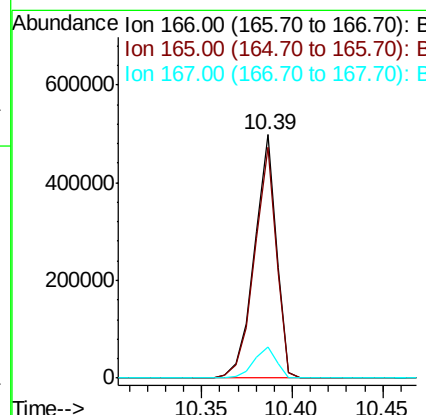
Manual Integrations
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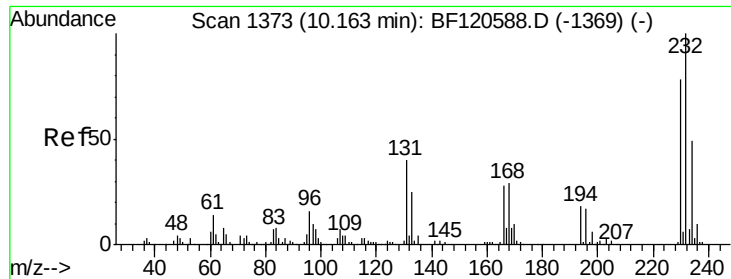
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#58
Fluorene
Concen: 51.436 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	74.6	112.0
167	13.0	10.9	16.3





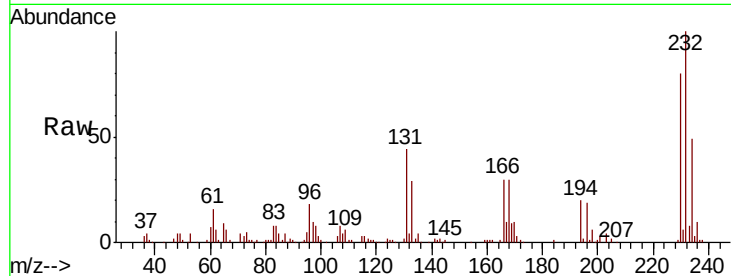
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.593 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

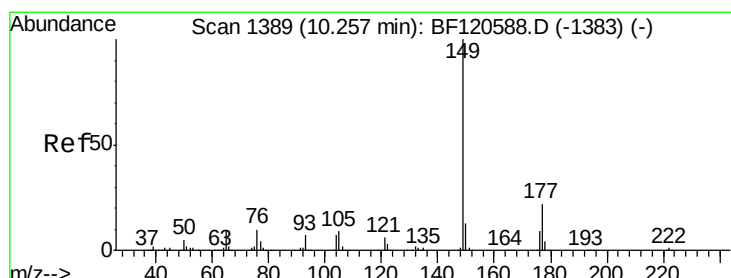
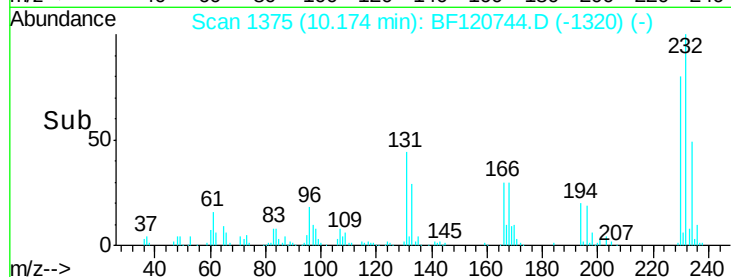
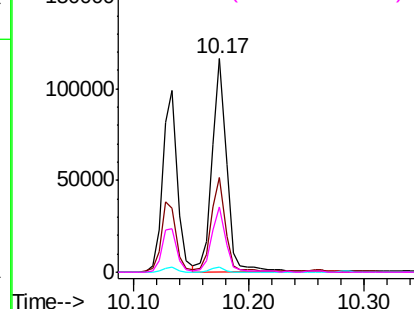
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	32.4	48.6
130	2.1	1.4	2.2
166	30.2	22.1	33.1

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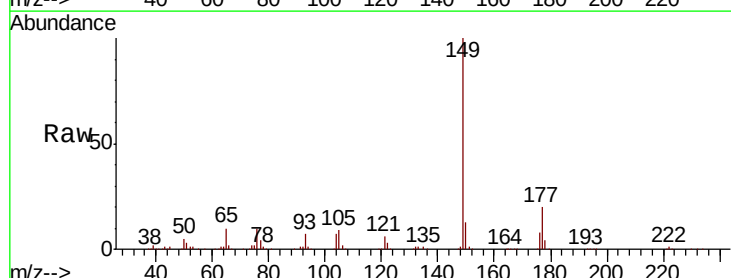


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

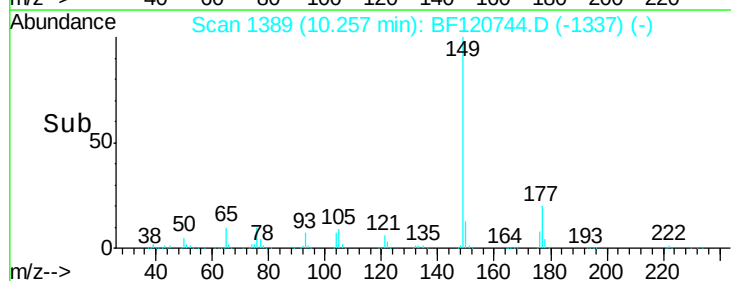
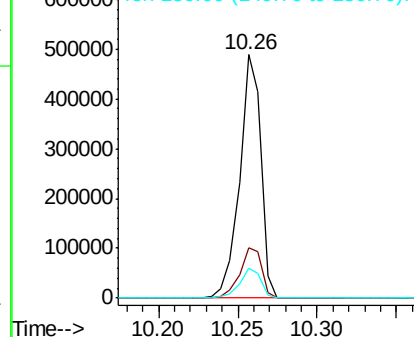


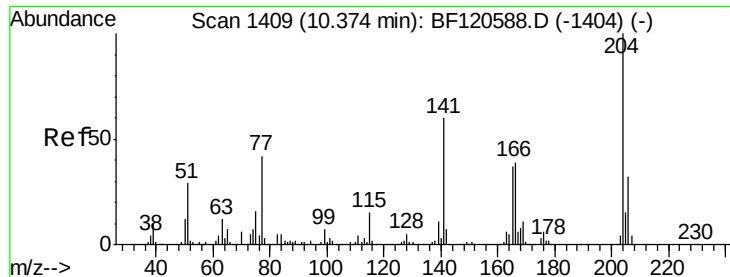
#60
Diethylphthalate
Concen: 52.233 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	18.0	27.0
150	12.5	9.8	14.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





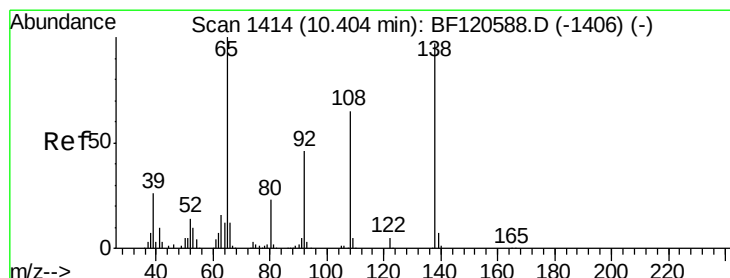
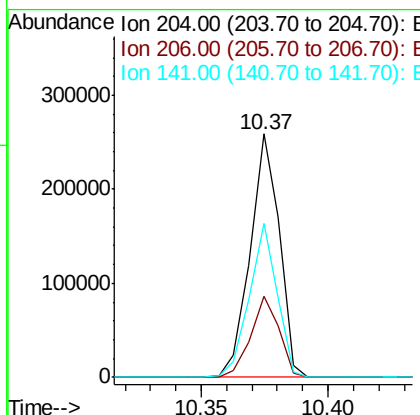
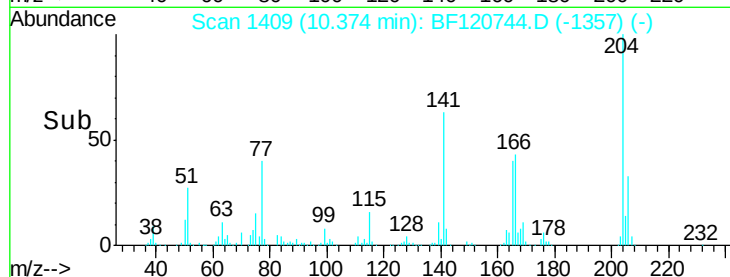
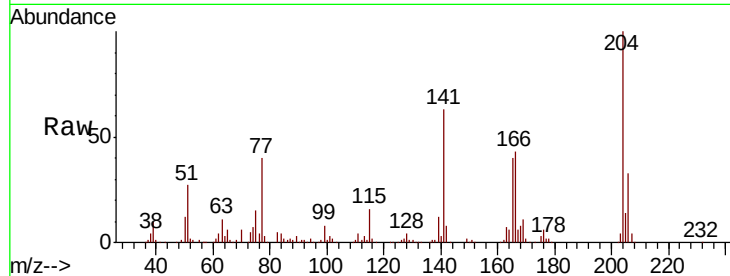
#61
 4-Chlorophenyl-phenylether
 Concen: 49.332 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	63.0	42.9	64.3

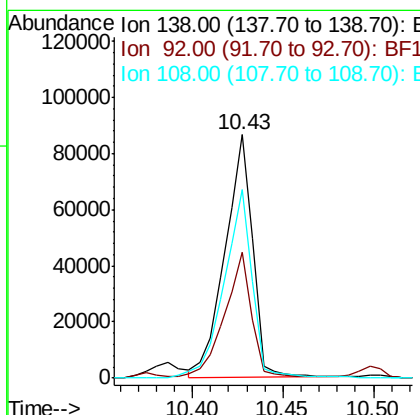
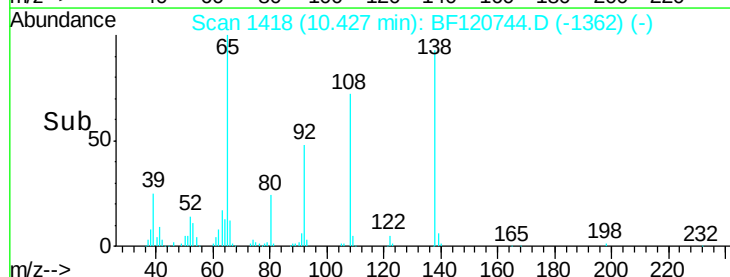
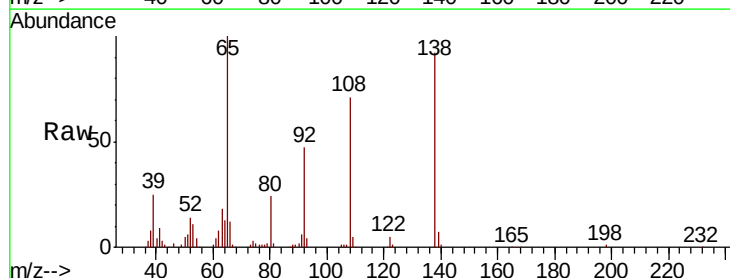
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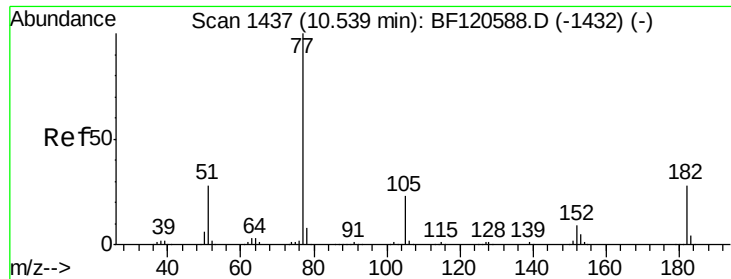
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#62
 4-Nitroaniline
 Concen: 38.626 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.03 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	26.4	66.4
108	77.3	45.5	85.5





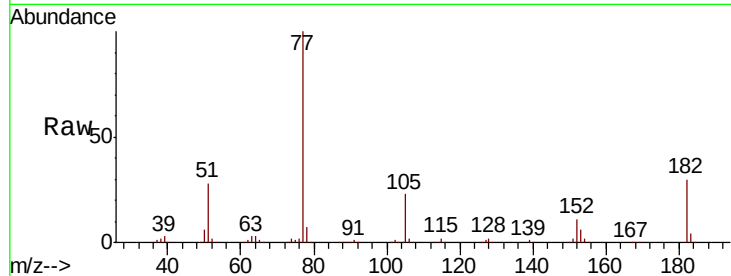
#63
Azobenzene
Concen: 49.056 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.5	7.6	47.6	
105	23.1	3.9	43.9	
51	28.2	8.8	48.8	

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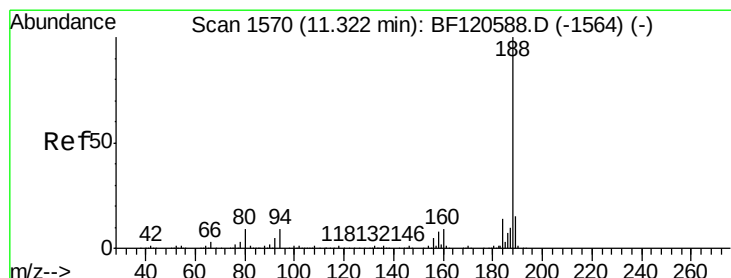
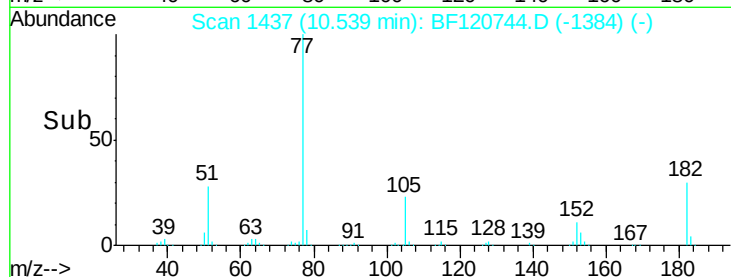
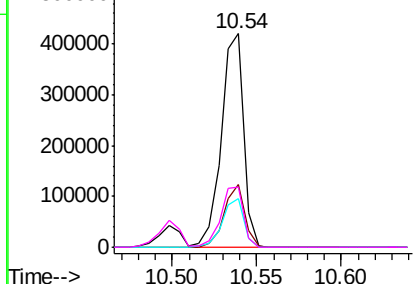
Abundance

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: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

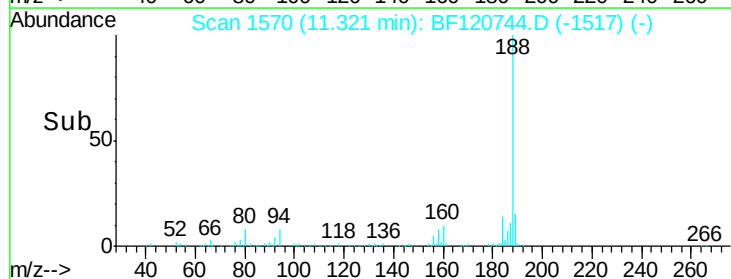
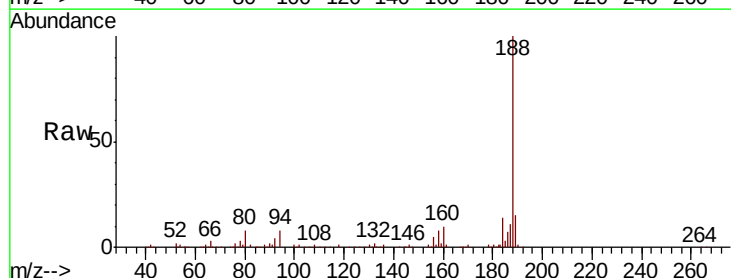
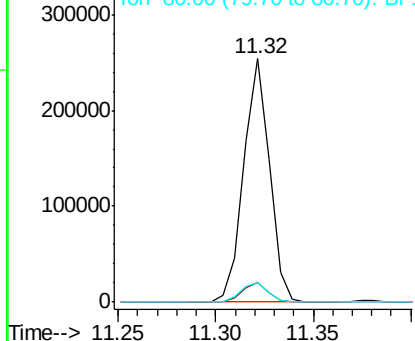
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	7.5	11.3	
80	7.9	7.7	11.5	

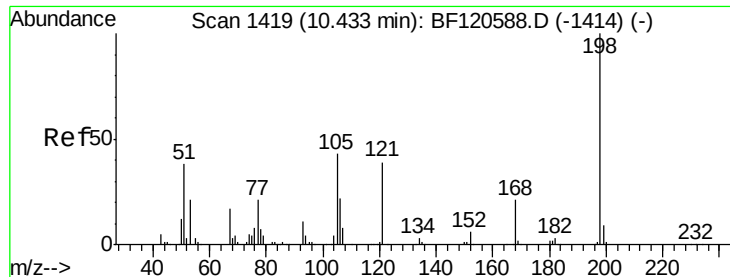
Abundance

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: 17.752 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.02 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

Tot Ion:198 Resp: 24944

Ion Ratio Lower Upper

198 100

51 40.9 23.6 63.6

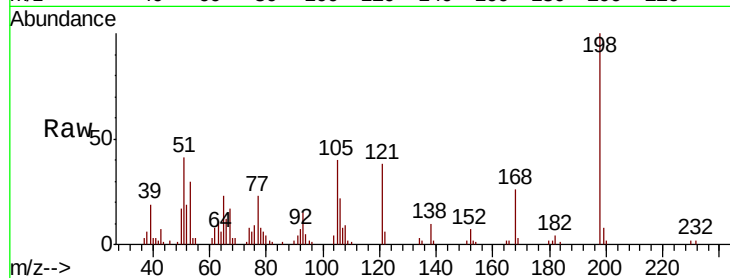
105 40.4 24.0 64.0

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

150000

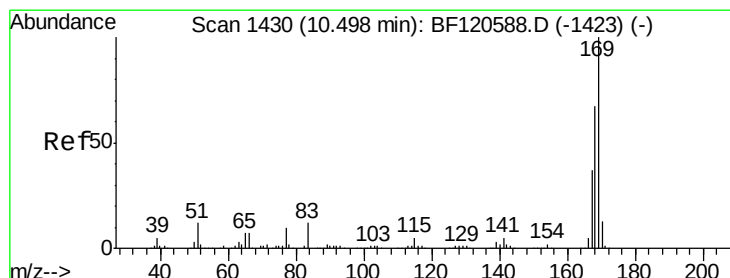
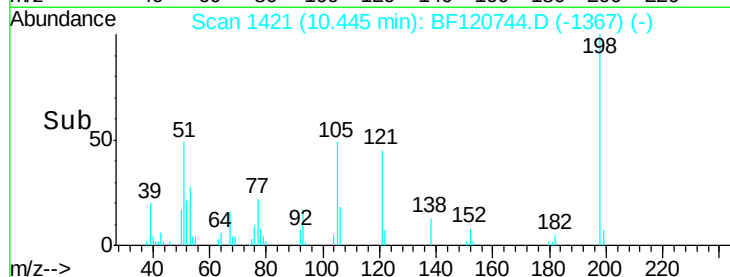
100000

50000

0

10.40 10.50

Time-->



#66

n-Nitrosodiphenylamine

Concen: 51.959 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

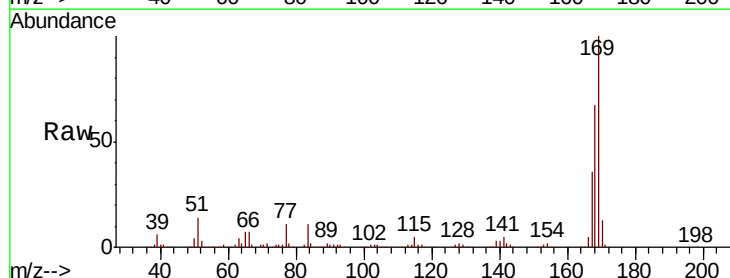
Tgt Ion:169 Resp: 373650

Ion Ratio Lower Upper

169 100

168 66.9 53.2 79.8

167 35.8 29.2 43.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

500000

400000

300000

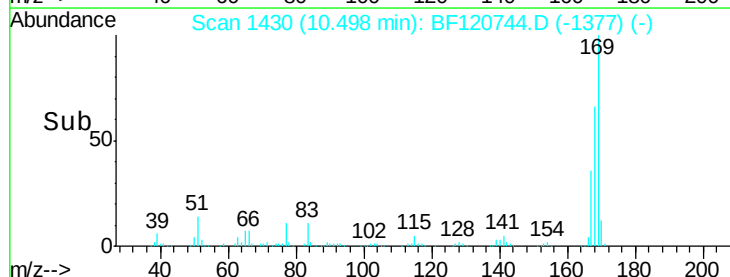
200000

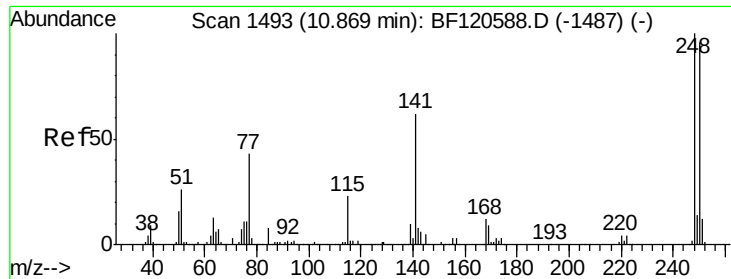
100000

0

10.45 10.50 10.55

Time-->





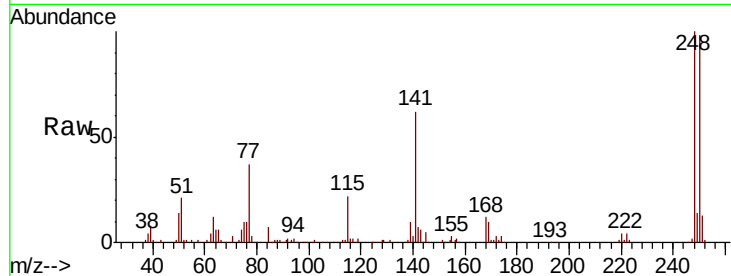
#67
 4-Bromophenyl-phenylether
 Concen: 49.503 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

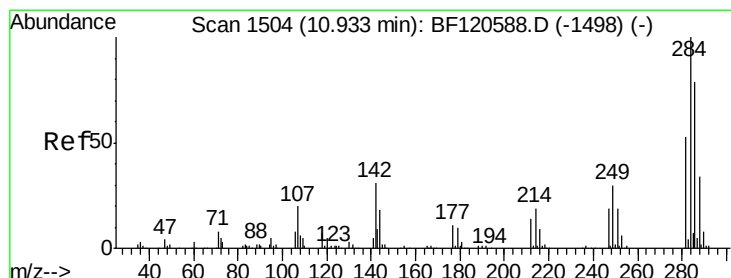
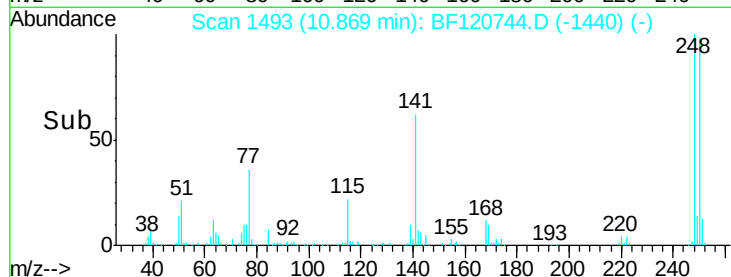
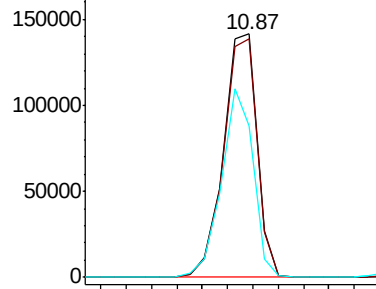
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.8	116.6
141	62.2	52.0	78.0

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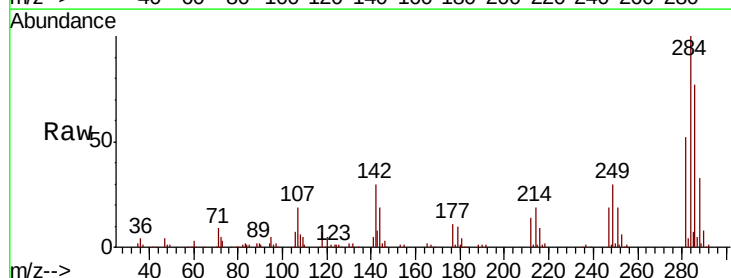


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

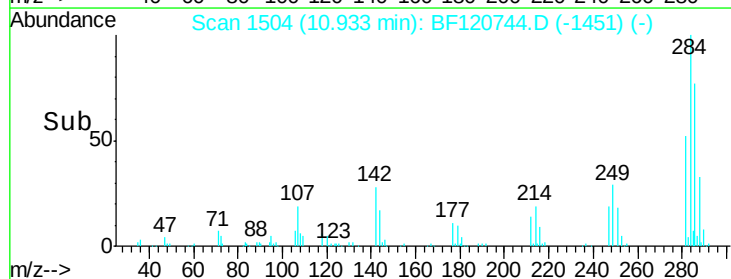
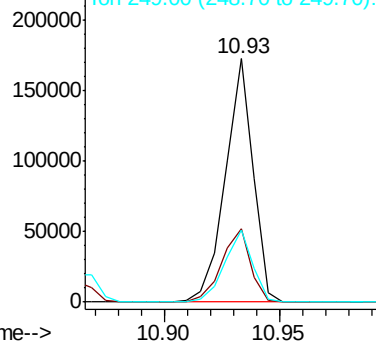


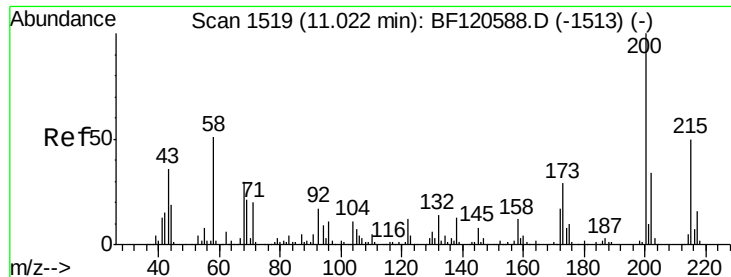
#68
 Hexachlorobenzene
 Concen: 50.660 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	26.7	40.1
249	29.7	24.0	36.0



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





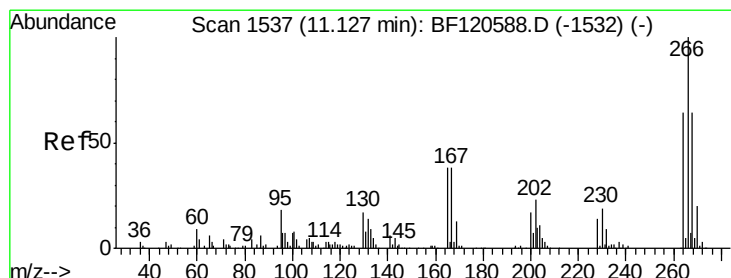
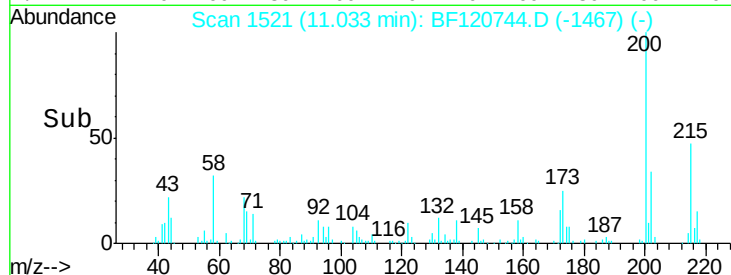
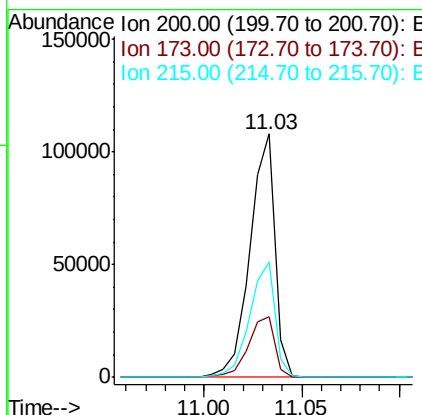
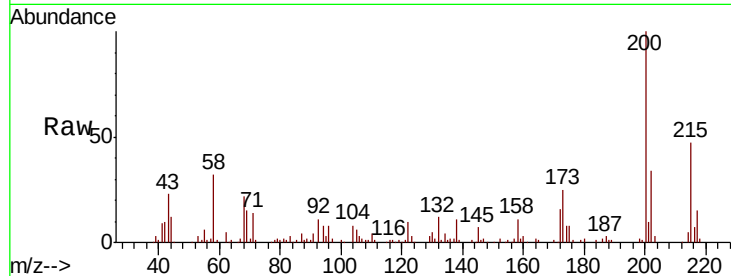
#69
Atrazine
Concen: 43.116 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	6.7	46.7
215	47.4	28.6	68.6

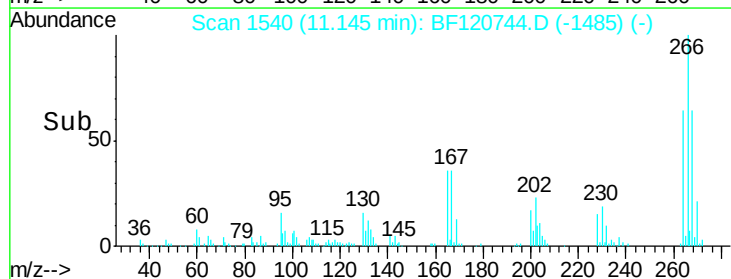
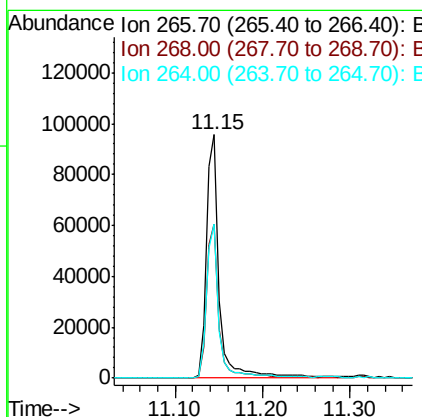
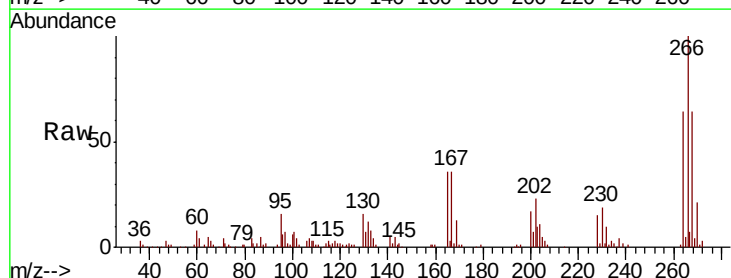
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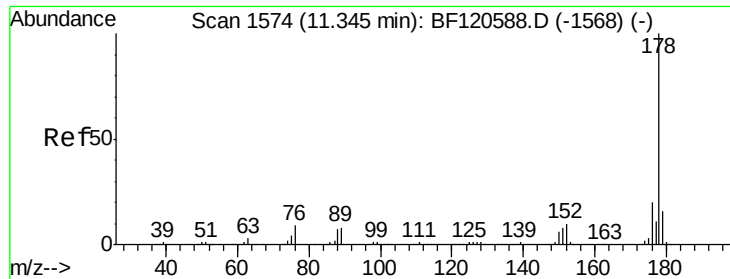
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#70
Pentachlorophenol
Concen: 61.310 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.8	77.6
264	63.5	51.3	76.9





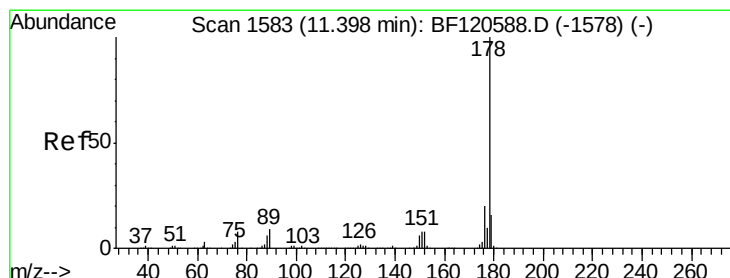
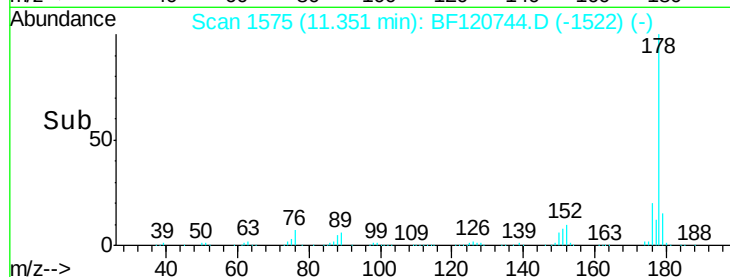
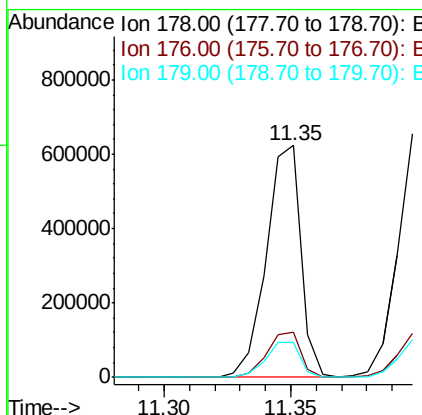
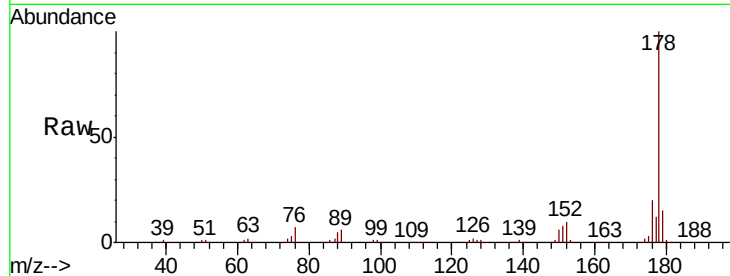
#71
Phenanthrene
Concen: 51.351 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	14.9	12.3	18.5

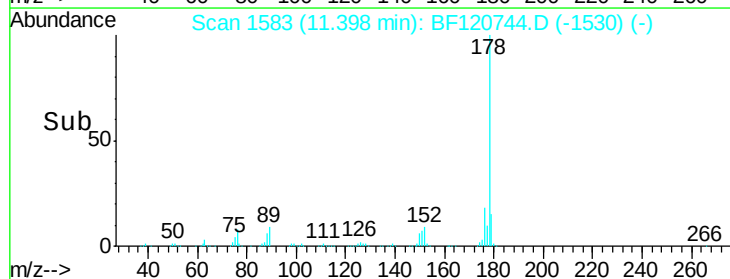
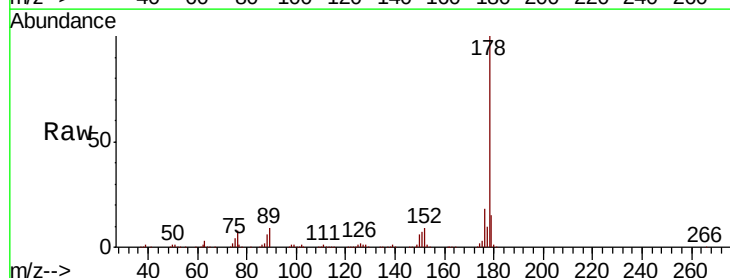
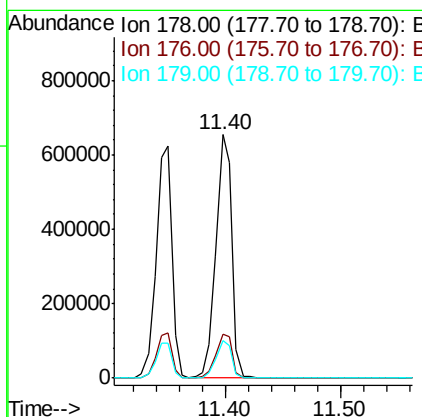
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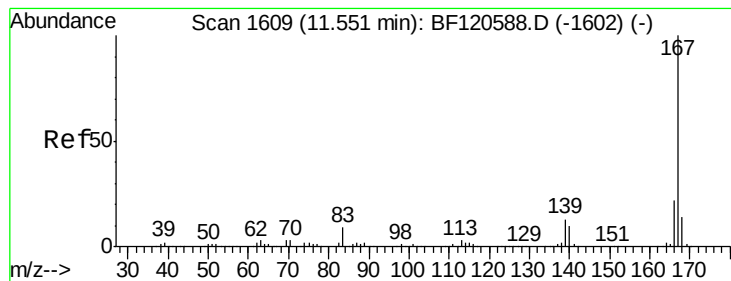
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#72
Anthracene
Concen: 53.108 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.3	12.9	19.3





#73

Carbazole

Concen: 47.389 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.02 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Instrument :

BNA_F

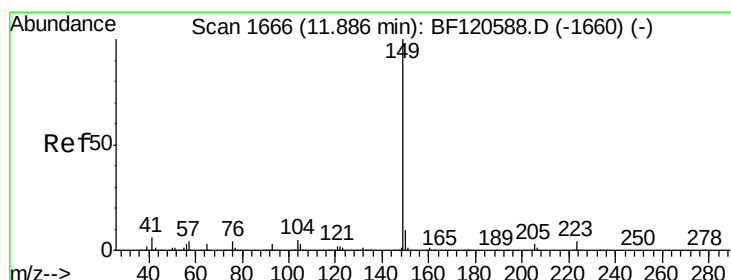
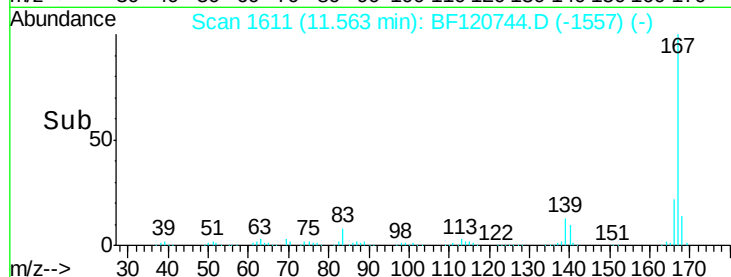
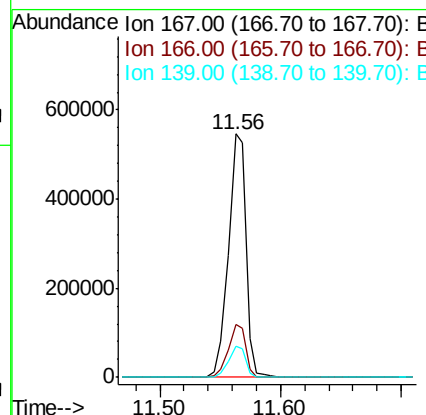
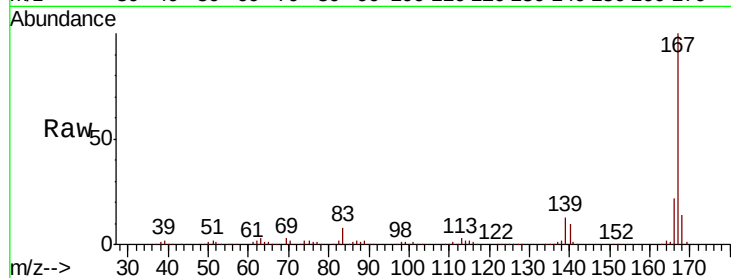
ClientSampleId :

NB-08-061620MSD

Tot Ion:	167	Resp:	550423
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.7	26.5
139	12.7	10.2	15.2

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#74

Di-n-butylphthalate

Concen: 55.592 ng

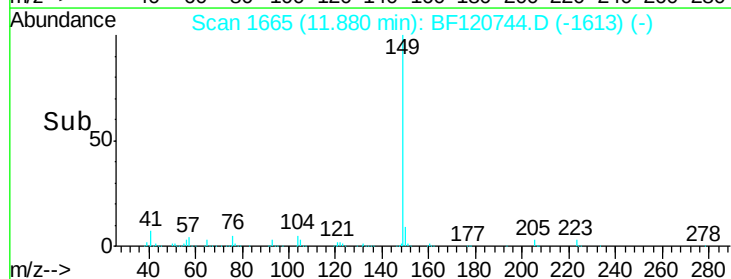
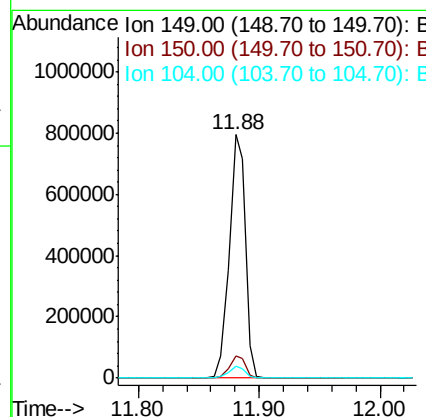
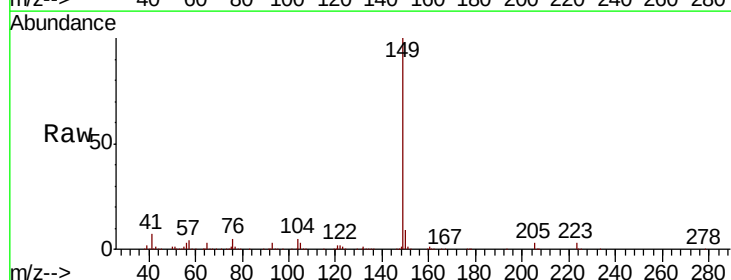
RT: 11.88 min Scan# 1665

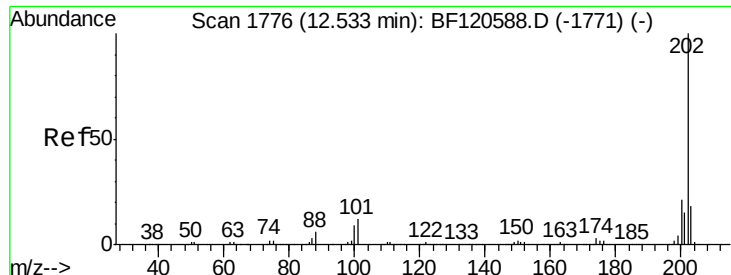
Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Tgt Ion:	149	Resp:	725922
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	4.9	3.6	5.4





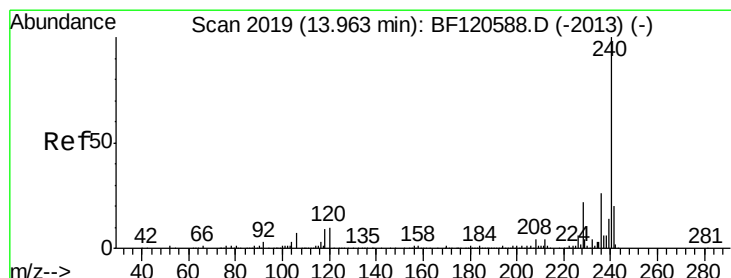
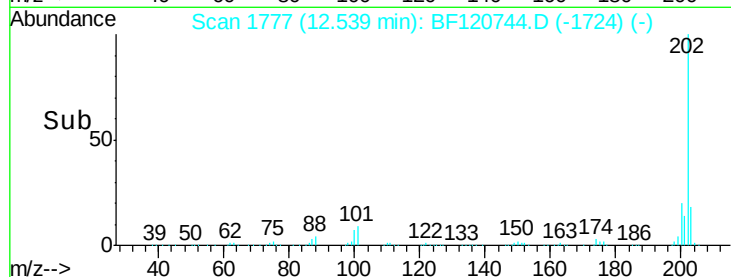
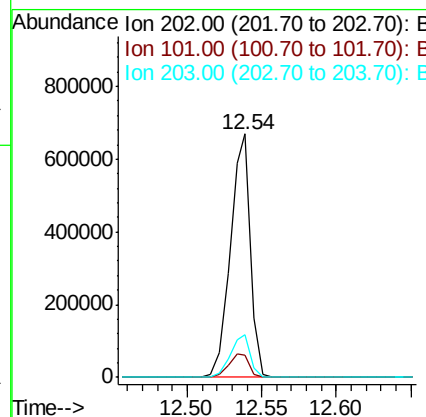
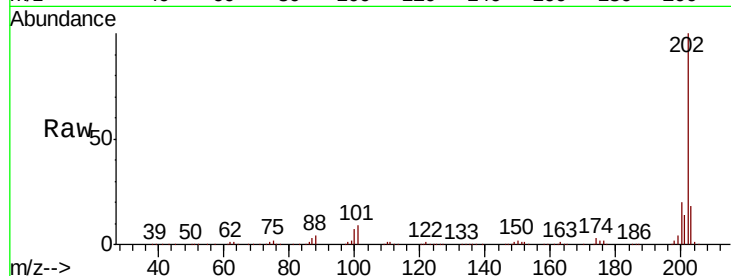
#75
Fluoranthene
 Concen: 47.686 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	0.0	29.8
203	17.5	0.0	37.7

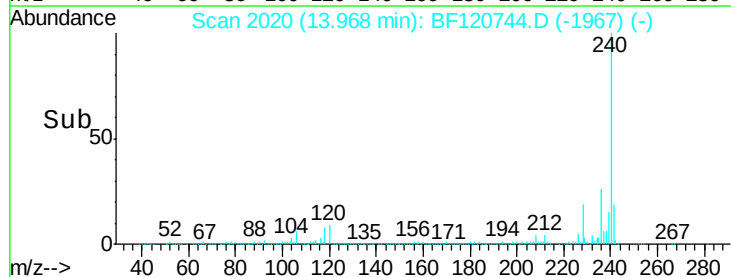
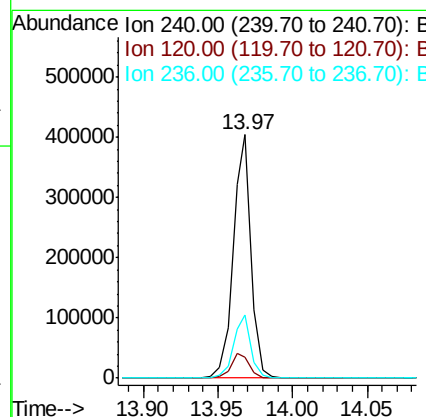
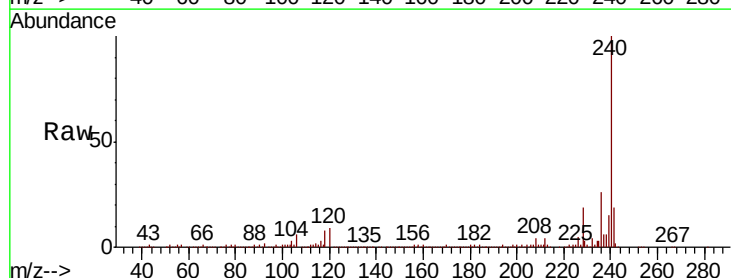
Manual Integrations
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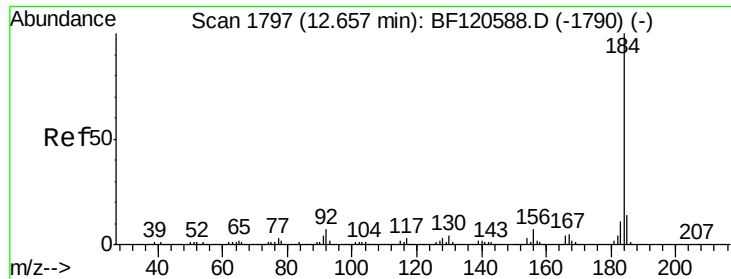
mohammad
 6/30/2020 4:14:58 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	7.6	11.4
236	25.7	21.0	31.4





#77

Benzidine

Concen: 12.063 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Instrument :

BNA_F

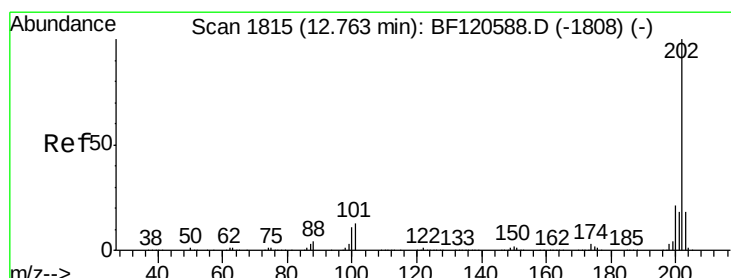
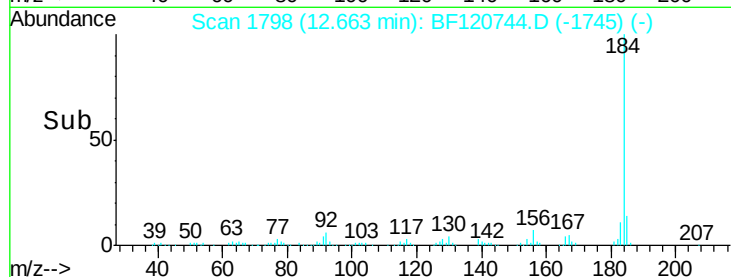
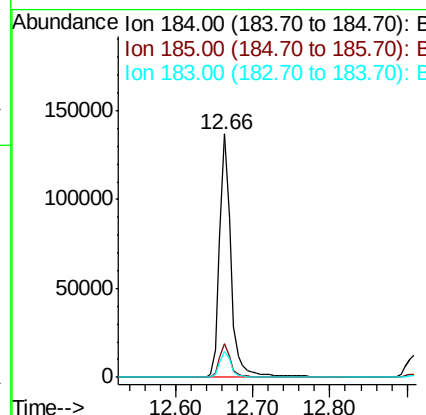
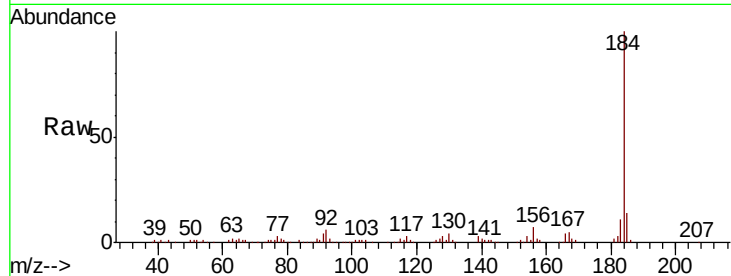
ClientSampleId :

NB-08-061620MSD

Tot Ion:	184	Resp:	138975
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.9	17.9
183	10.7	8.6	12.8

Manual Integrations
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#78

Pyrene

Concen: 26.009 ng

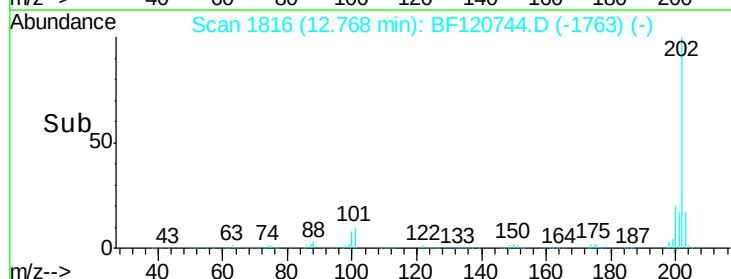
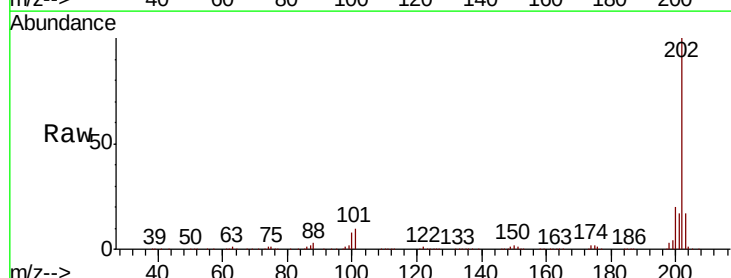
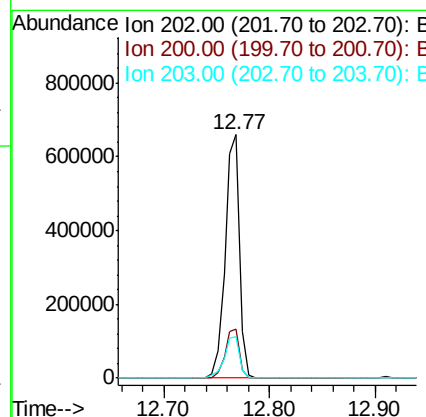
RT: 12.77 min Scan# 1816

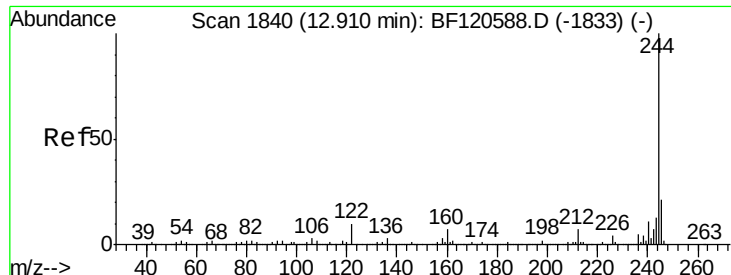
Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Tgt Ion:	202	Resp:	627674
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.6	25.0
203	17.2	14.2	21.2





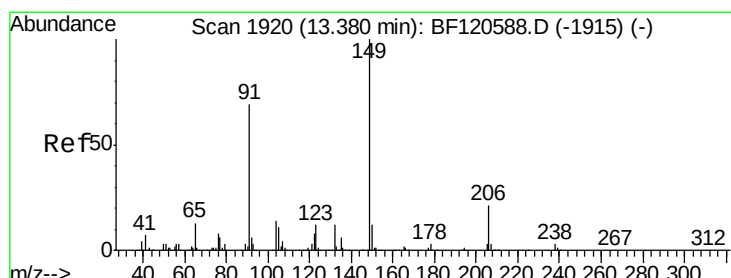
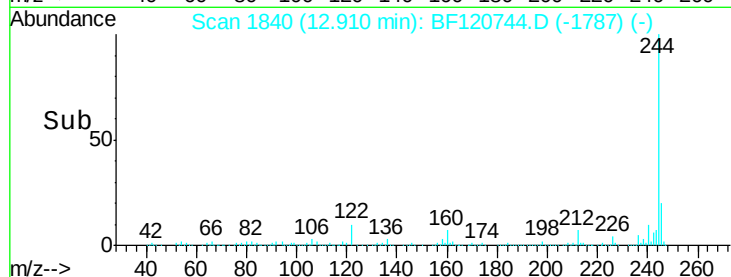
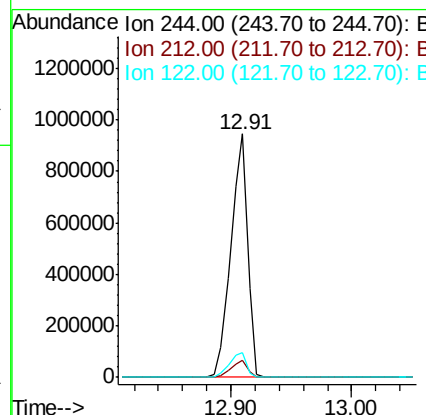
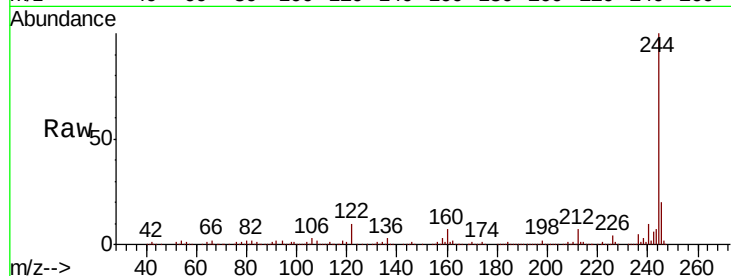
#79
 Terphenyl-d14
 Concen: 58.932 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.3	8.8	13.2

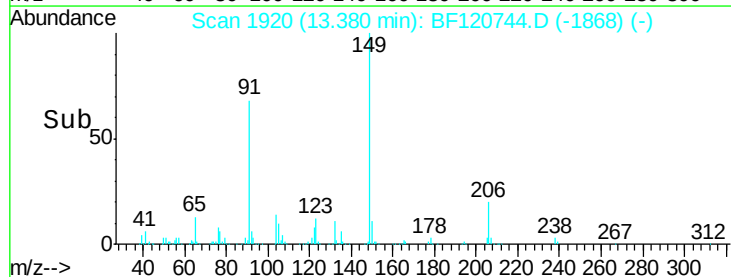
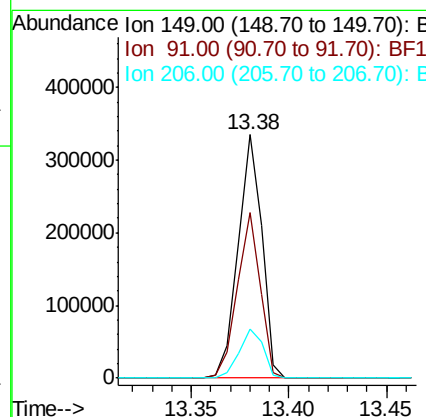
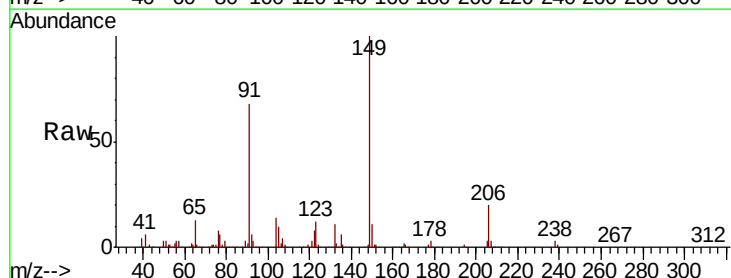
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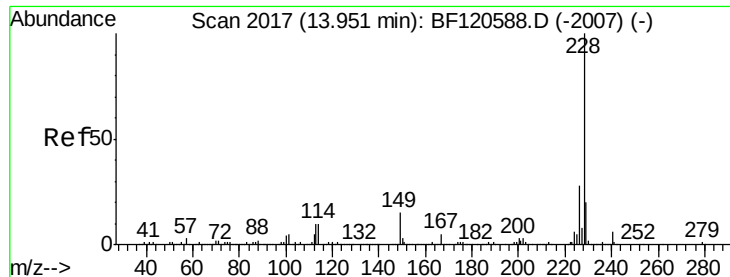
mohammad
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#80
 Butylbenzylphthalate
 Concen: 26.402 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.8	50.0	75.0
206	20.3	17.6	26.4





#81

Benzo(a)anthracene

Concen: 48.288 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Instrument :

BNA_F

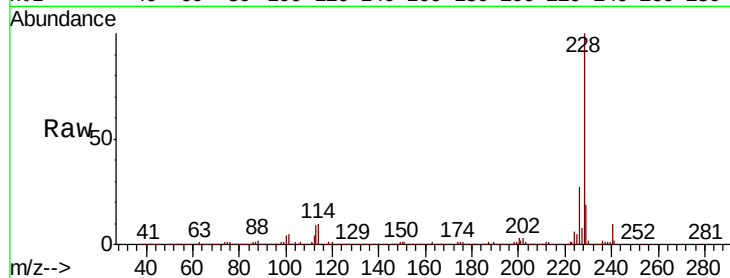
ClientSampleId :

NB-08-061620MSD

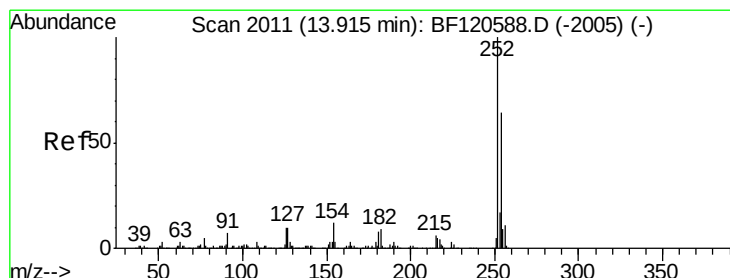
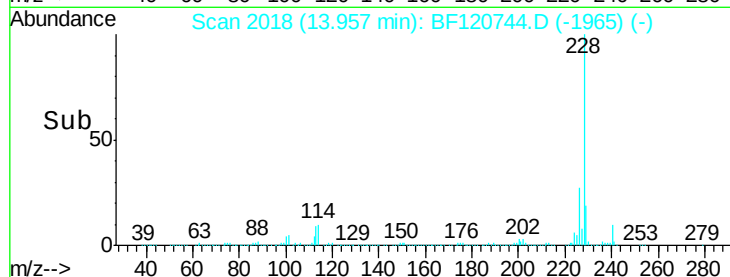
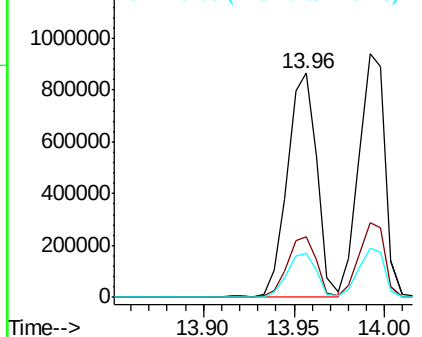
Tot Ion:	228	Resp:	988276
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	33.8
229	19.4	16.3	24.5

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.074 ng

RT: 13.92 min Scan# 2012

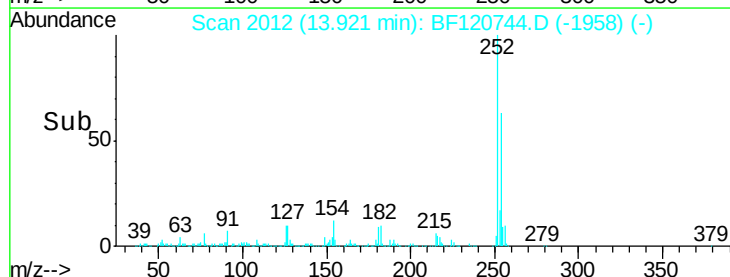
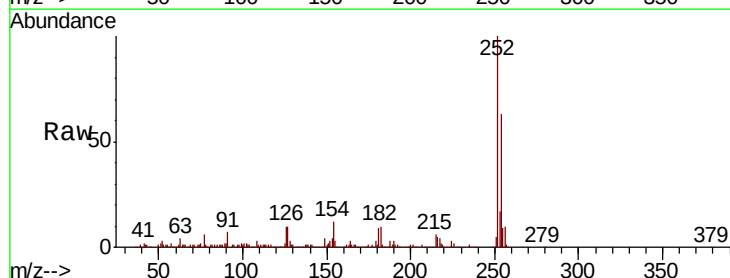
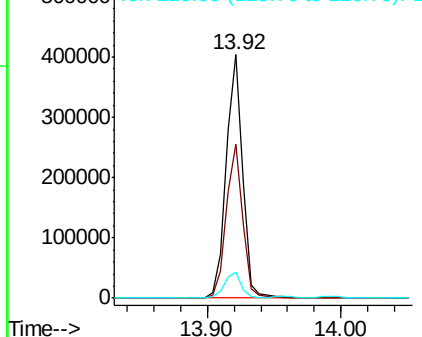
Delta R.T. 0.02 min

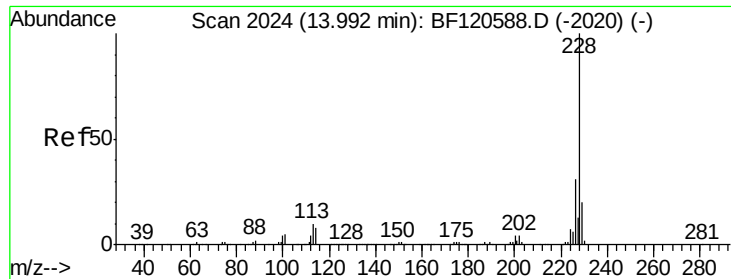
Lab File: BF120744.D

Acq: 29 Jun 2020 23:01

Tgt Ion:	252	Resp:	352361
Ion Ratio	Lower	Upper	
252	100		
254	63.2	50.8	76.2
126	10.5	9.6	14.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





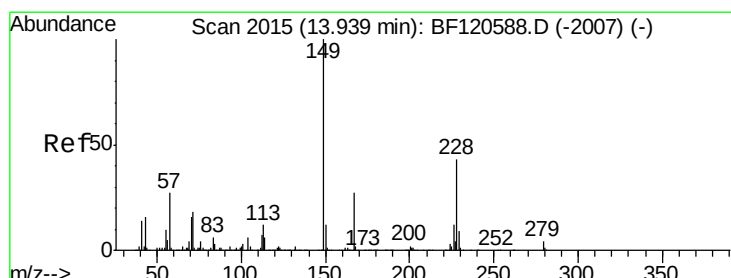
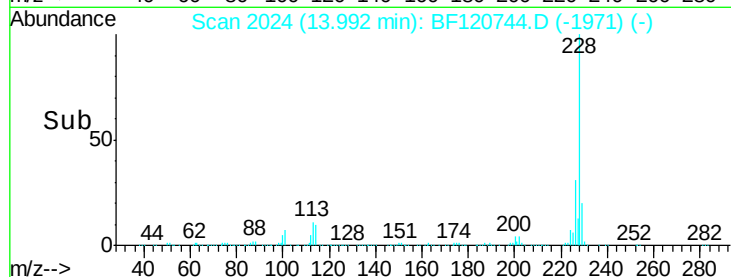
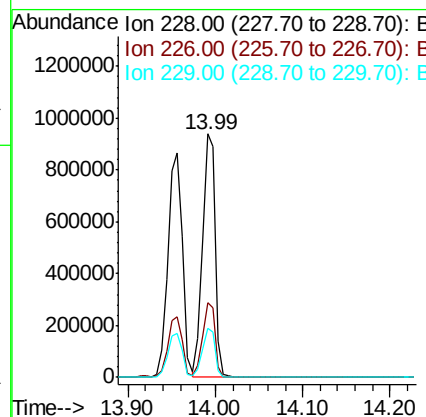
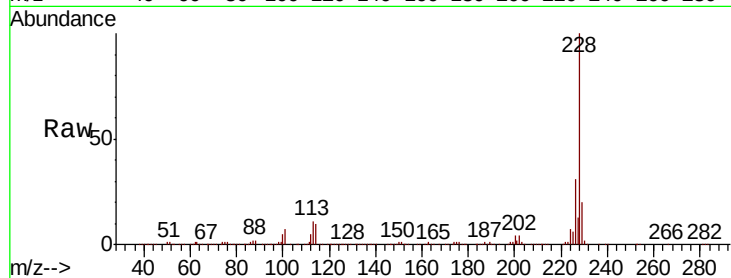
#83
 Chrvsene
 Concen: 44.999 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.1	16.1	24.1

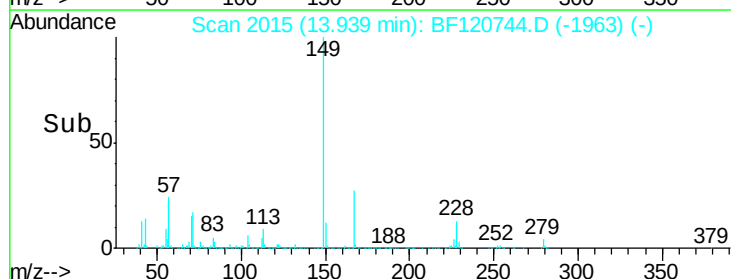
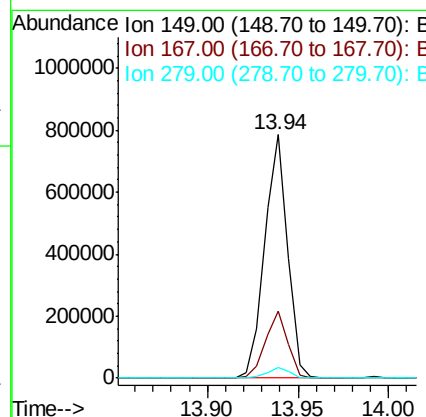
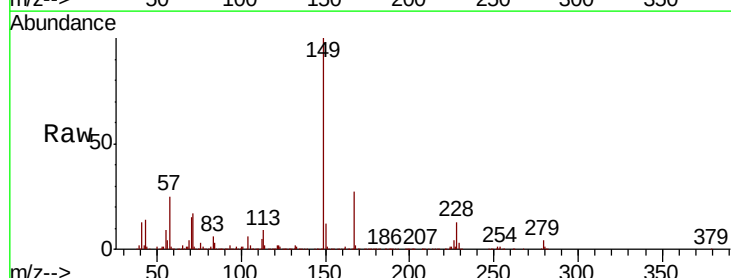
Manual Integrations
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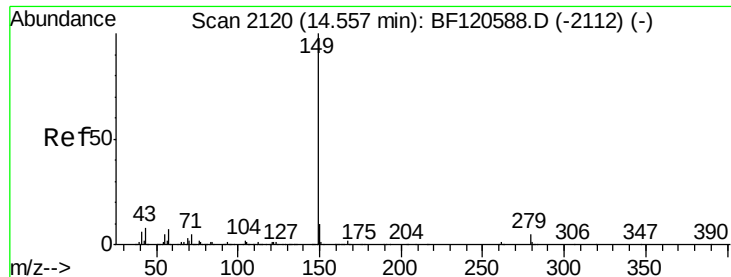
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.464 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.9	32.9
279	4.2	3.6	5.4





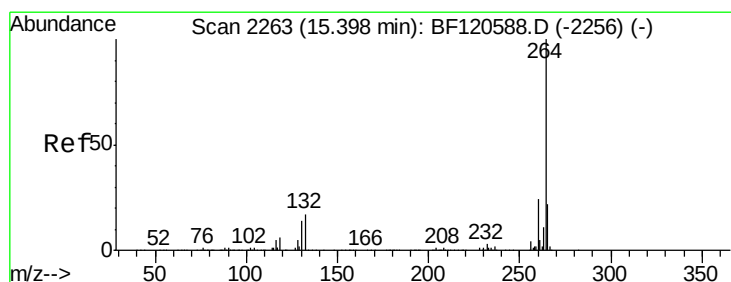
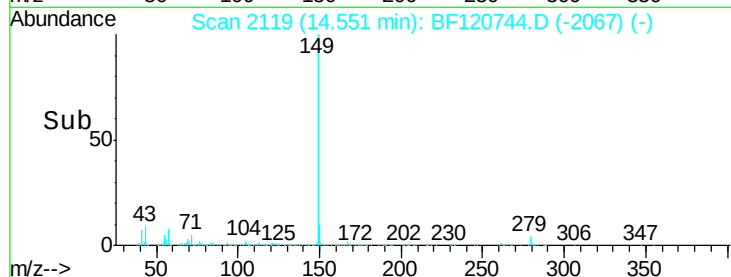
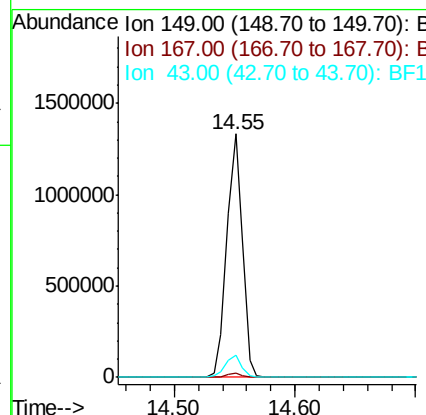
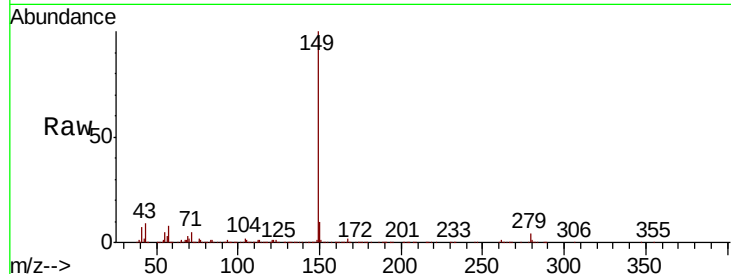
#85
Di-n-octyl phthalate
Concen: 47.349 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.2	7.3	10.9

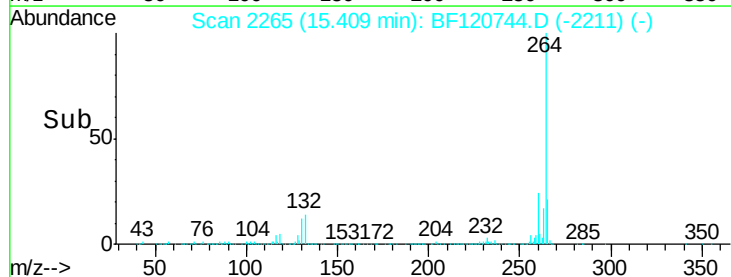
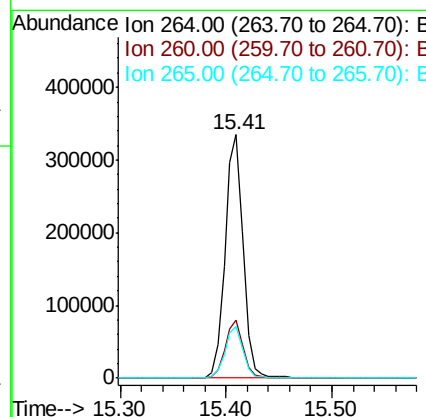
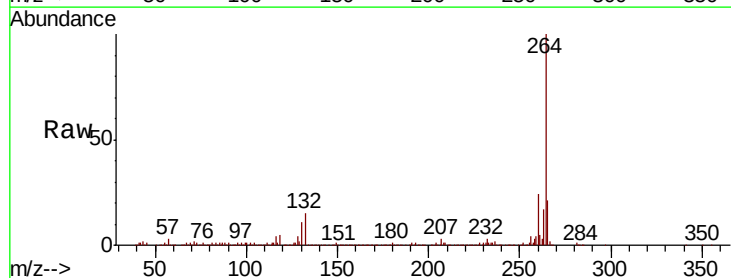
Manual Integrations
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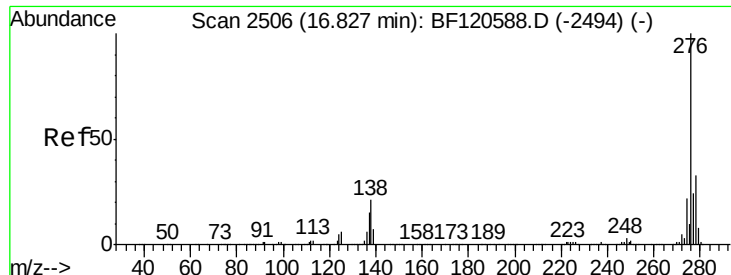
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.5	17.4	26.0





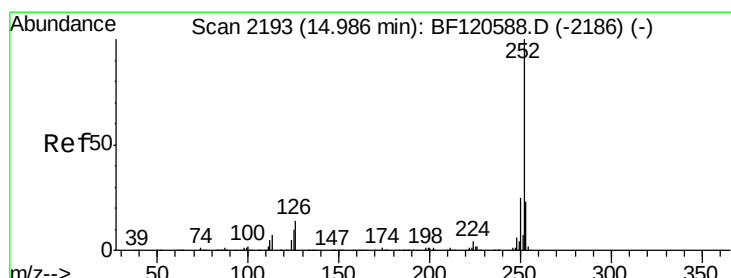
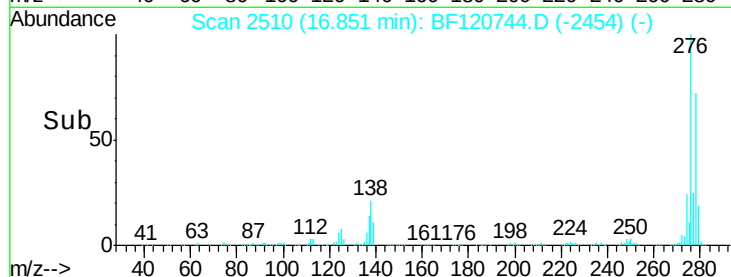
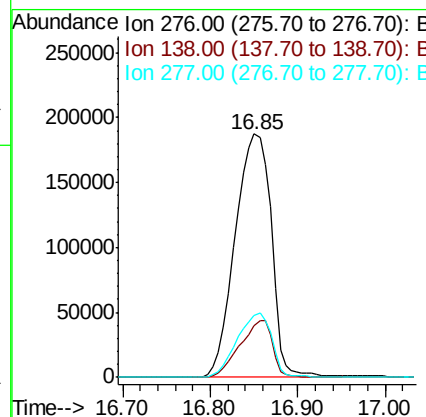
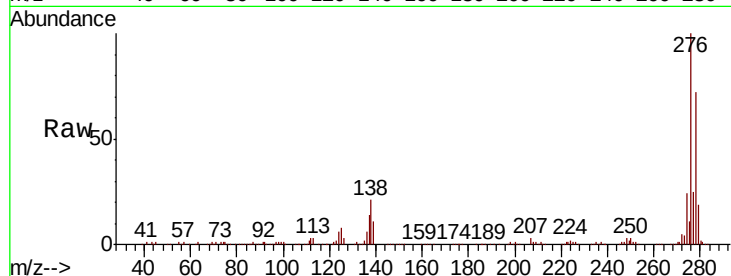
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 21.628 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.03 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.4	27.6
277	25.3	19.8	29.8

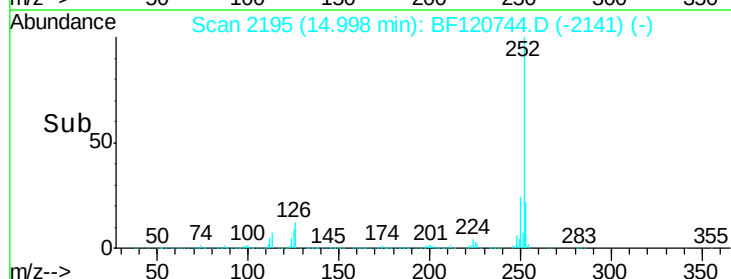
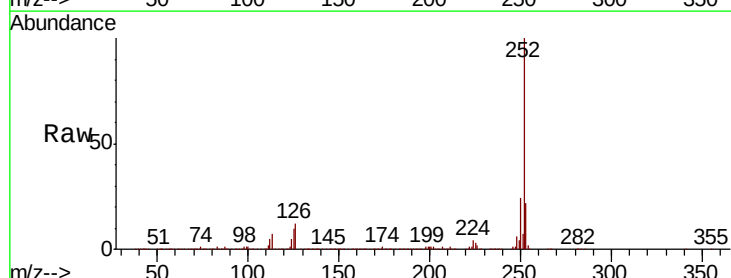
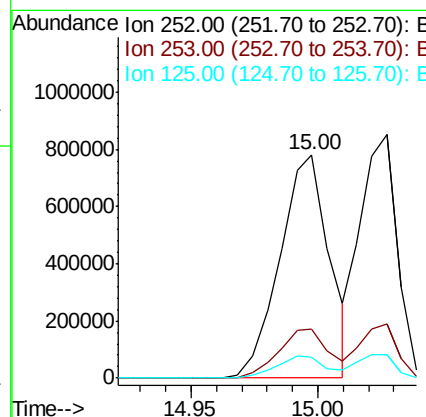
Manual Integrations
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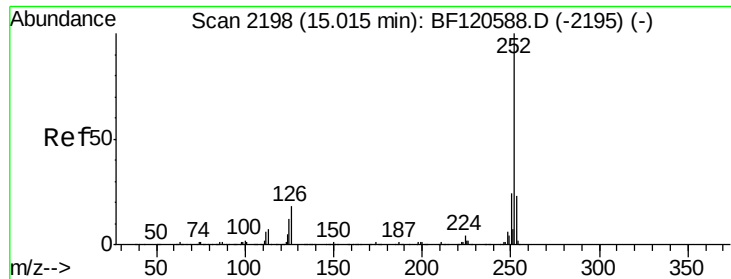
mohammad
 6/30/2020 4:14:58 PM



#88
 Benzo(b)fluoranthene
 Concen: 44.360 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.02 min
 Lab File: BF120744.D
 Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.5	7.9	11.9





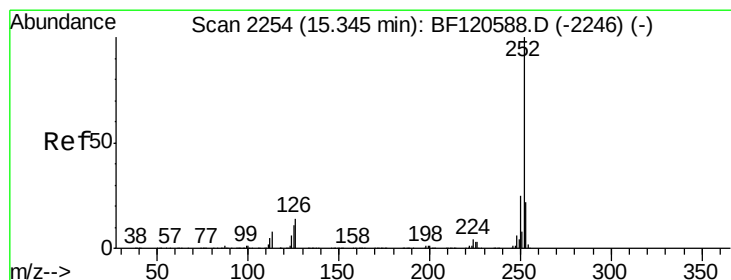
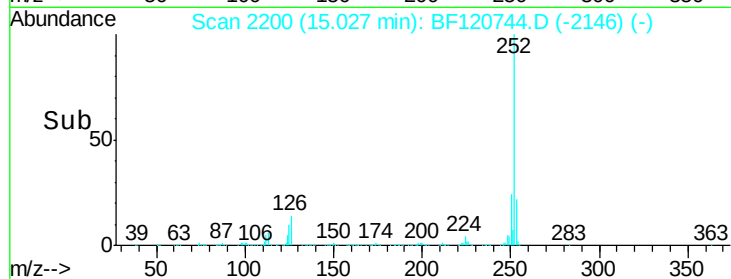
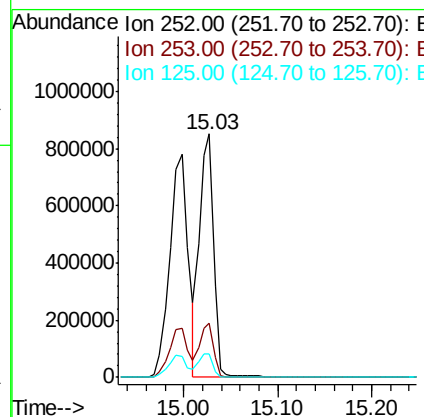
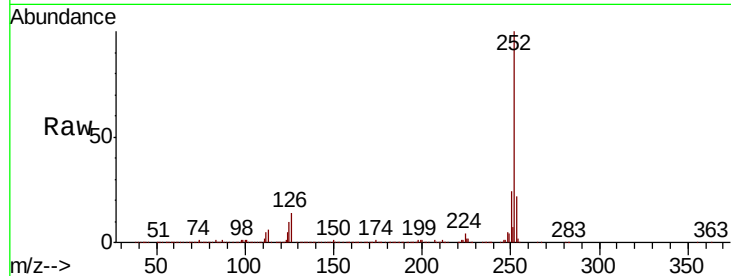
#89
Benzo(k)fluoranthene
Concen: 41.791 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.9	7.4	11.2

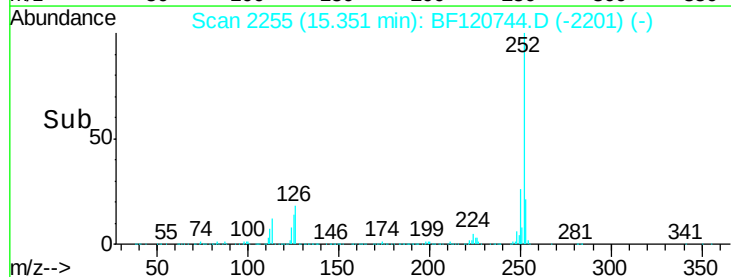
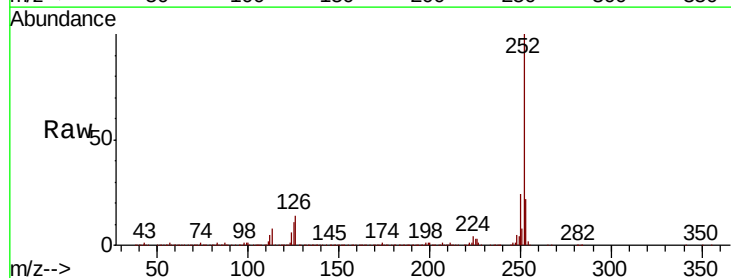
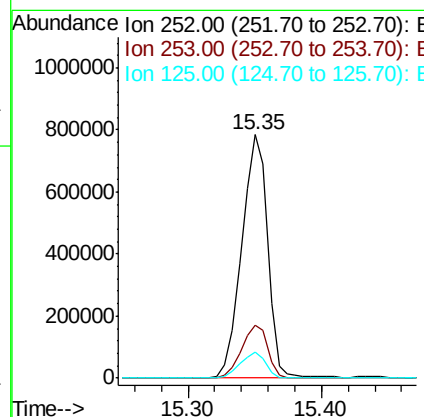
Manual Integrations
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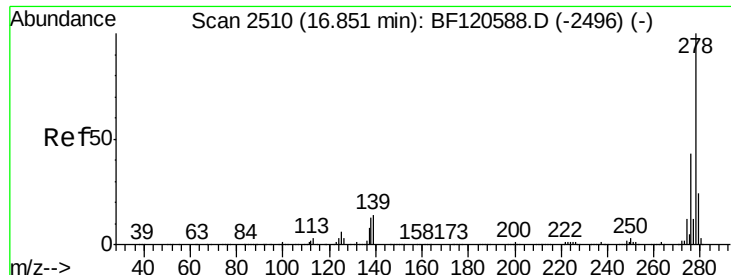
mohammad
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#90
Benzo(a)pyrene
Concen: 49.267 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.8	9.0	13.6





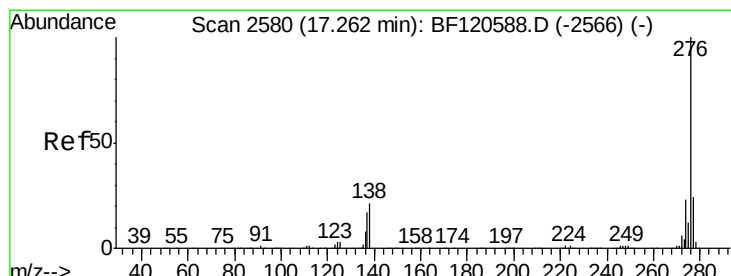
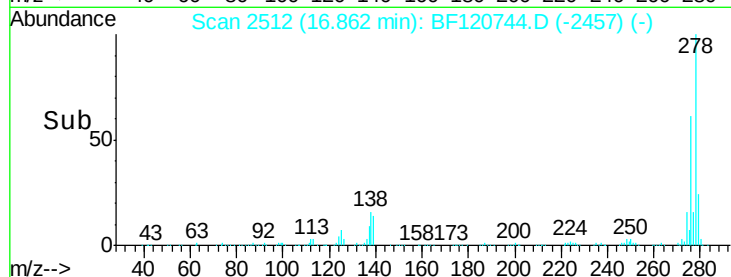
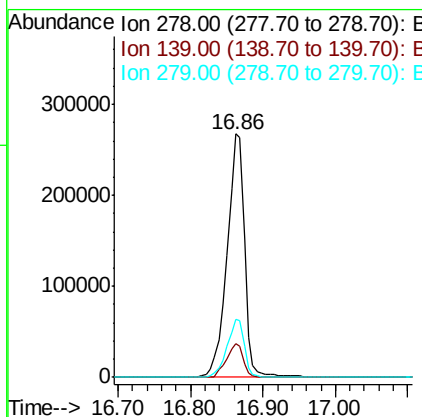
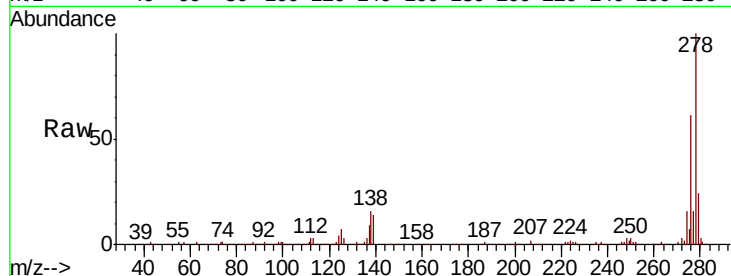
#91
Dibenzo(a,h)anthracene
Concen: 23.079 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.02 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.9	17.9
279	23.7	19.2	28.8

Manual Integrations
APPROVED

mohammad
6/30/2020 4:14:58 PM



#92
Benzo(g,h,i)perylene
Concen: 20.628 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.03 min
Lab File: BF120744.D
Acq: 29 Jun 2020 23:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	19.4	16.6	24.8

