

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120671.D
 Acq On : 19 Jun 2020 18:48
 Operator : JU/CG
 Sample : L3020-18MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

Manual Integrations
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 6/22/2020 3:24:53 PM

Quant Time: Jun 22 09:40:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109885	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	354604	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	237773	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	546616	20.00	ng	0.00
76) Chrysene-d12	13.97	240	443220	20.00	ng	0.00
86) Perylene-d12	15.40	264	502120	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	589472	91.97	ng	0.00
7) Phenol-d6	6.45	99	769786	96.43	ng	0.00
23) Nitrobenzene-d5	7.37	82	418051	65.90	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	285477	103.27	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1098375	70.68	ng	0.00
79) Terphenyl-d14	12.91	244	1415344	70.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	154921	50.999	ng	99
3) Pyridine	3.26	79	425476	49.824	ng	98
4) n-Nitrosodimethylamine	3.22	42	194014	54.745	ng	98
6) Aniline	6.46	93	386586	37.840	ng	# 62
8) 2-Chlorophenol	6.59	128	357027	49.294	ng	99
9) Benzaldehyde	6.36	77	335467	66.440	ng	# 1
10) Phenol	6.46	94	449112	52.730	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	345473	48.697	ng	95
12) 1,3-Dichlorobenzene	6.75	146	351554	45.657	ng	97
13) 1,4-Dichlorobenzene	6.82	146	334537	44.035	ng	97
14) 1,2-Dichlorobenzene	6.97	146	352390	47.618	ng	97
15) Benzyl Alcohol	6.95	79	303347	53.584	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	393614	38.533	ng	79
17) 2-Methylphenol	7.06	107	249269	40.352	ng	# 87
18) Hexachloroethane	7.32	117	87750m	31.347	ng	
19) n-Nitroso-di-n-propylamine	7.22	70	374061	80.782	ng	97
20) 3+4-Methylphenols	7.22	107	365388	47.335	ng	94
22) Acetophenone	7.22	105	184213m	23.236	ng	
24) Nitrobenzene	7.39	77	405023	61.009	ng	95
25) Isophorone	7.63	82	745324	60.313	ng	# 94
26) 2-Nitrophenol	7.70	139	197361	56.194	ng	# 88
27) 2,4-Dimethylphenol	7.75	122	266005	51.440	ng	89
28) bis(2-Chloroethoxy)methane	7.84	93	331658	46.299	ng	98
29) 2,4-Dichlorophenol	7.95	162	320779	61.025	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	342863	58.857	ng	99
31) Naphthalene	8.12	128	3279192	188.326	ng	96
32) Benzoic acid	7.87	122	136231	34.336	ng	91
33) 4-Chloroaniline	8.16	127	285145	35.678	ng	# 93
34) Hexachlorobutadiene	8.23	225	205541	60.531	ng	99
35) Caprolactam	8.51	113	87043	51.774	ng	# 1
36) 4-Chloro-3-methylphenol	8.65	107	290619	55.339	ng	95
37) 2-Methylnaphthalene	8.81	142	2280146	200.597	ng	# 96
38) 1-Methylnaphthalene	8.90	142	1442148	134.832	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	340518	47.962	ng	99

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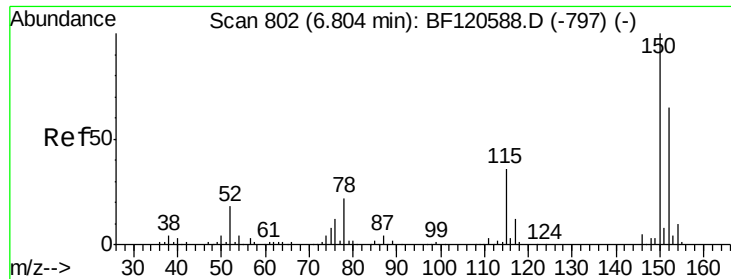
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Quant Time: Jun 22 09:40:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	340823	85.667	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	219717	43.627	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	257914	45.139	nq	98
46) 1,1'-Biphenyl	9.26	154	991578	55.849	nq	99
47) 2-Chloronaphthalene	9.29	162	733458	50.518	nq	99
48) 2-Nitroaniline	9.38	65	228504	50.112	nq	99
49) Acenaphthylene	9.70	152	1023959	45.698	nq	99
50) Dimethylphthalate	9.56	163	1038996	60.673	nq	99
51) 2,6-Dinitrotoluene	9.63	165	179488	46.249	nq	87
52) Acenaphthene	9.87	154	729283m	54.573	nq	
53) 3-Nitroaniline	9.79	138	128015	27.463	nq	95
54) 2,4-Dinitrophenol	9.90	184	186461	81.827	nq	96
55) Dibenzofuran	10.05	168	945020	46.120	nq	98
56) 4-Nitrophenol	9.96	139	328866	93.676	nq	99
57) 2,4-Dinitrotoluene	10.03	165	232059	45.063	nq	92
58) Fluorene	10.39	166	719962	45.579	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	207300	46.116	nq	98
60) Diethylphthalate	10.26	149	772973	45.831	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	349600	42.857	nq	99
62) 4-Nitroaniline	10.41	138	168675	36.450	nq	95
63) Azobenzene	10.54	77	668258	43.650	nq	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	123146	37.546	nq	95
66) n-Nitrosodiphenylamine	10.50	169	745110	44.388	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	274054	44.176	nq	99
68) Hexachlorobenzene	10.93	284	305730	45.837	nq	98
69) Atrazine	11.03	200	222801	42.892	nq	99
70) Pentachlorophenol	11.13	266	323794	87.318	nq	99
71) Phenanthrene	11.35	178	1259943	46.369	nq	100
72) Anthracene	11.40	178	1302192	47.545	nq	99
73) Carbazole	11.56	167	1209456	44.609	nq	99
74) Di-n-butylphthalate	11.89	149	1467750	48.153	nq	100
75) Fluoranthene	12.54	202	1417263	45.620	nq	98
77) Benzidine	12.66	184	653969	43.629	nq	99
78) Pyrene	12.77	202	1439388	45.843	nq	99
80) Butylbenzylphthalate	13.39	149	647901	46.471	nq	94
81) Benzo(a)anthracene	13.96	228	1247168	46.836	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	422253	41.515	nq	99
83) Chrysene	13.99	228	1266091	46.353	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	855250	50.263	nq	98
85) Di-n-octyl phthalate	14.56	149	1584974	48.809	nq	100
87) Indeno(1,2,3-cd)pyrene	16.84	276	1493681	48.904	nq	99
88) Benzo(b)fluoranthene	14.99	252	1463228	48.921	nq	100
89) Benzo(k)fluoranthene	15.03	252	1176483	44.452	nq	98
90) Benzo(a)pyrene	15.35	252	1237110	46.215	nq	100
91) Dibenzo(a,h)anthracene	16.86	278	1218107	49.734	nq	99
92) Benzo(g,h,i)perylene	17.27	276	1220492	49.438	nq	99

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



#1

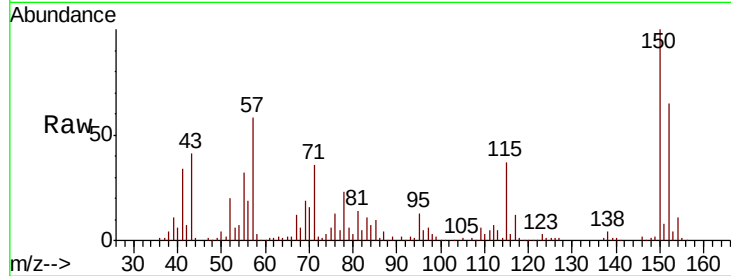
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.2	184.8
115	57.3	43.9	65.9

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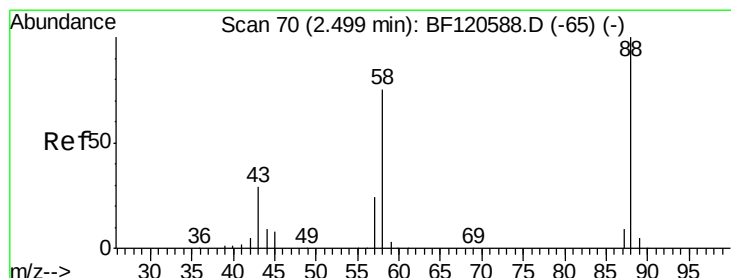
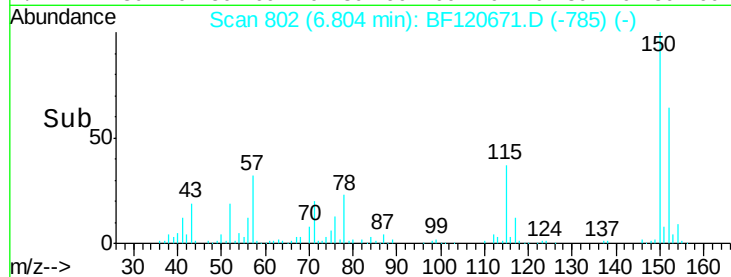
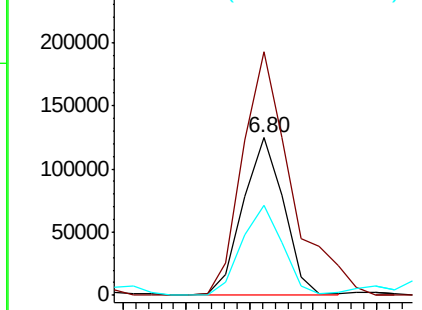


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

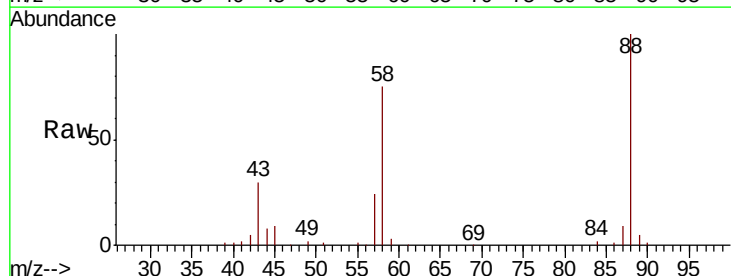
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 50.999 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	59.6	89.4
43	28.0	23.1	34.7

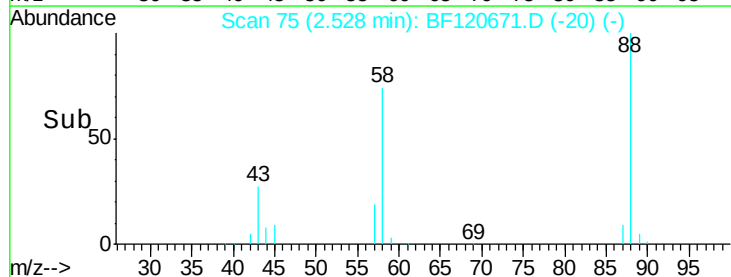
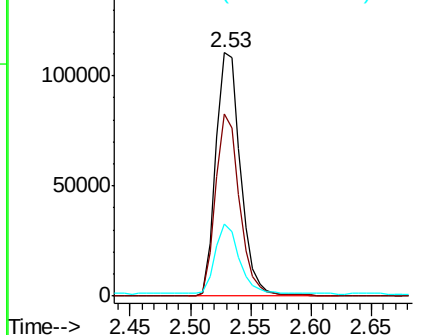


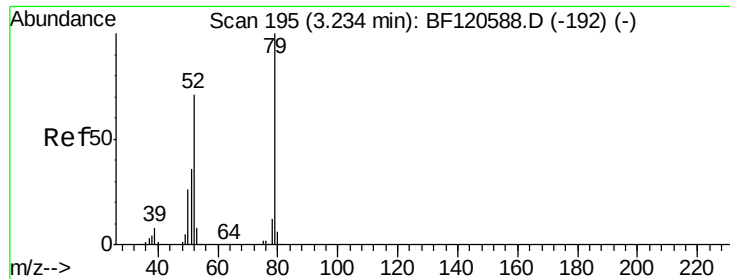
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





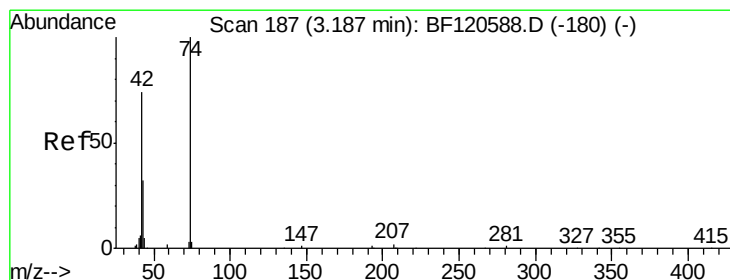
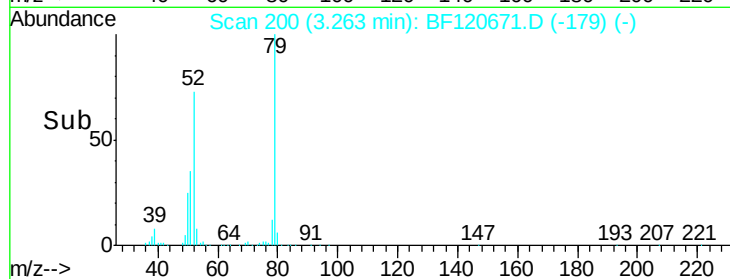
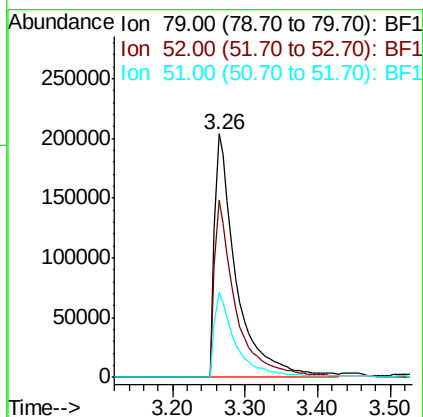
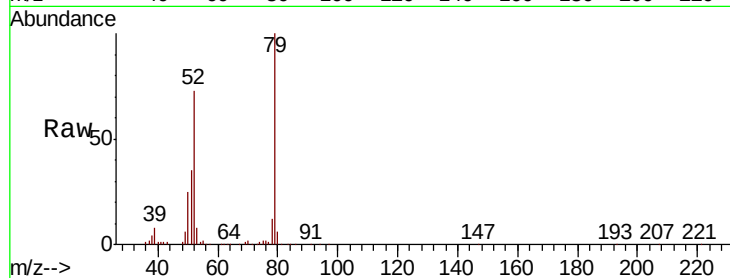
#3
 Pvridine
 Concen: 49.824 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.02 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	72.8	57.0	85.6
51	51	34.7	28.5	42.7

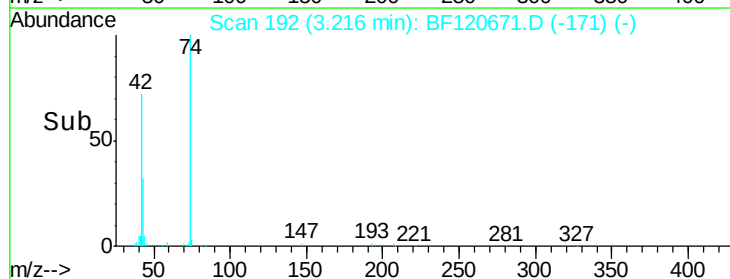
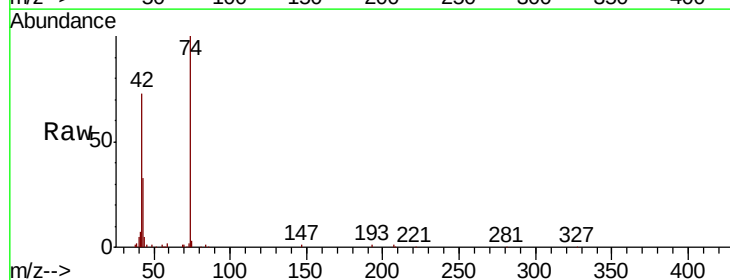
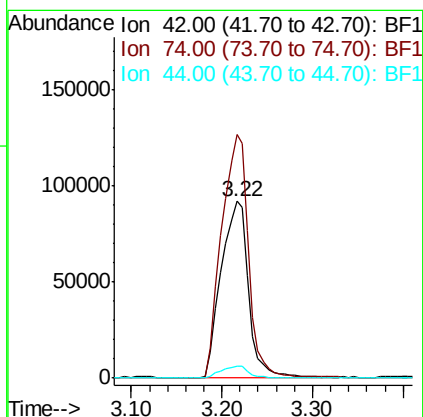
Manual Integrations
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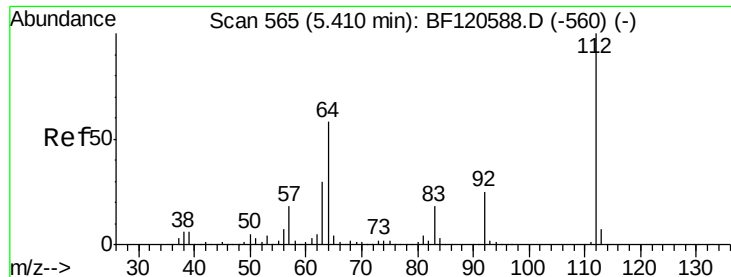
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#4
 n-Nitrosodimethylamine
 Concen: 54.745 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.02 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	137.7	107.8	161.6
44	44	6.9	5.1	7.7





#5

2-Fluorophenol

Concen: 91.971 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

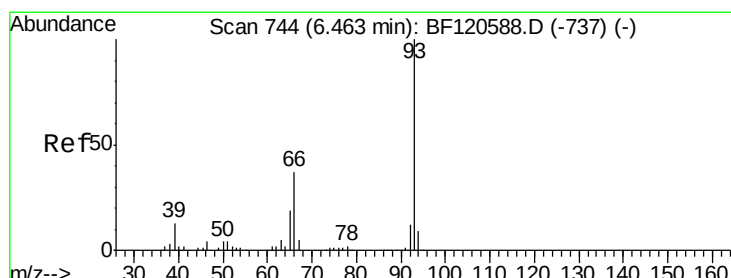
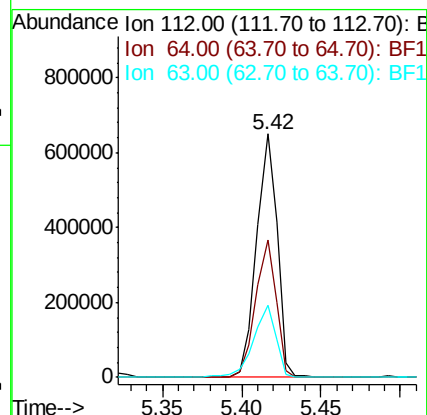
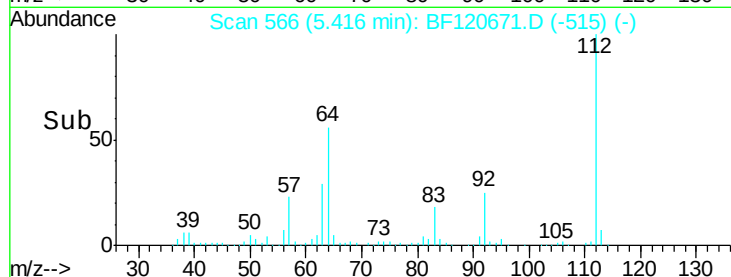
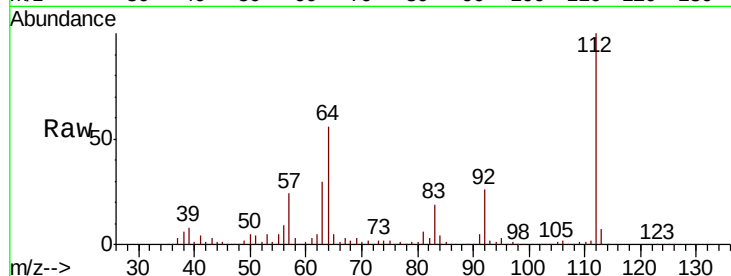
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	589472		
64	56.3	46.1	69.1	
63	29.6	23.7	35.5	

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#6

Aniline

Concen: 37.840 ng

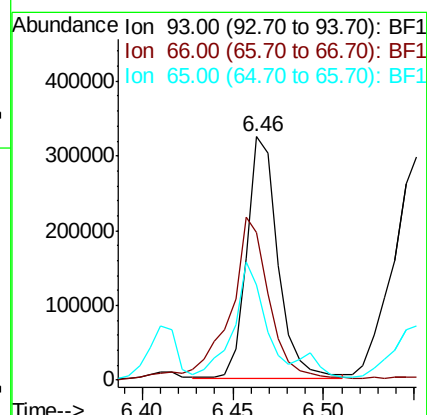
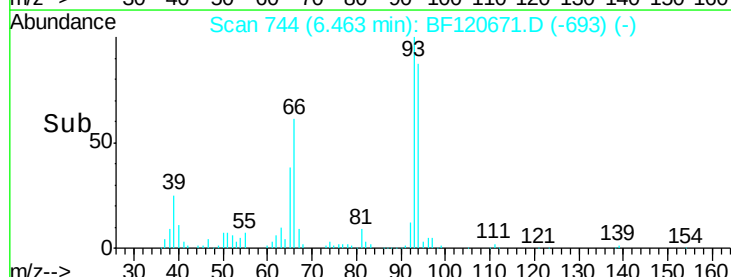
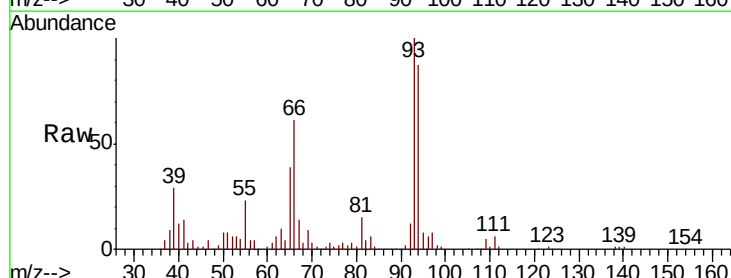
RT: 6.46 min Scan# 744

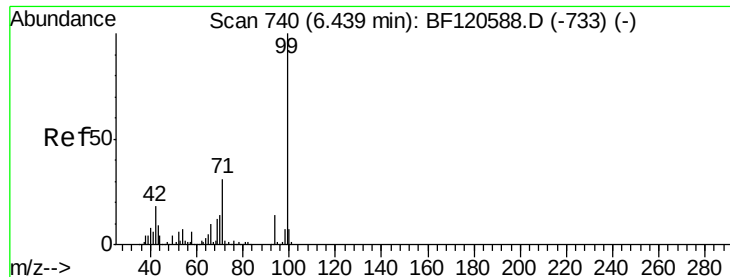
Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	386586		
66	60.8	30.9	46.3#	
65	38.8	15.9	23.9#	





#7

Phenol-d6

Concen: 96.430 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

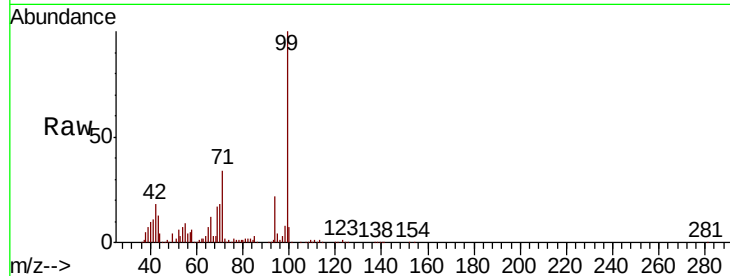
ClientSampleId :

MW-27(16.5-18.5)MS

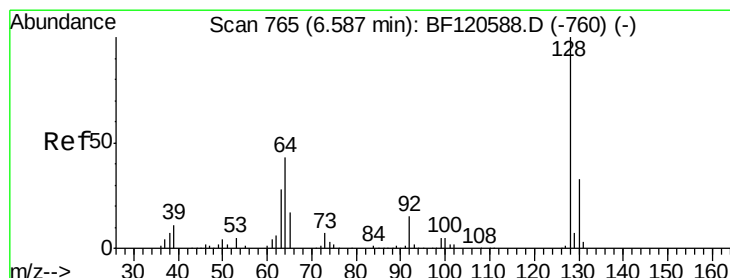
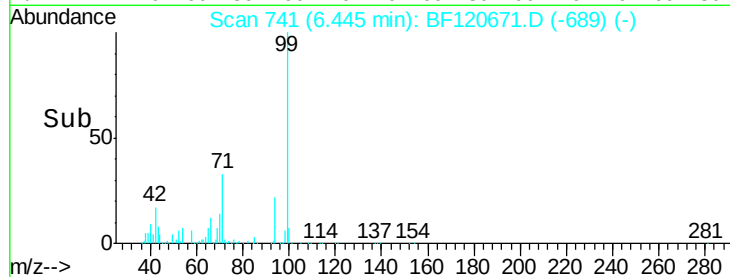
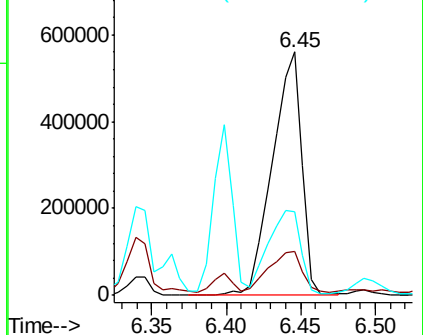
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		769786		
42	18.2	14.0	21.0		
71	34.2	24.9	37.3		

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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: 49.294 ng

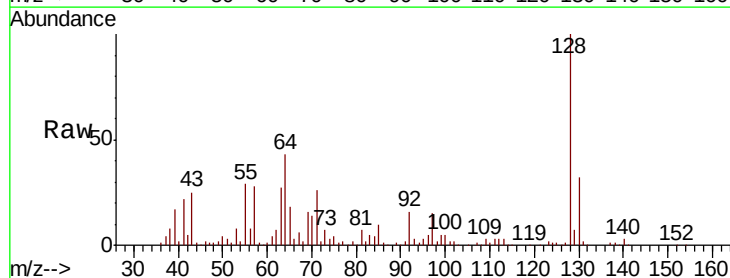
RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

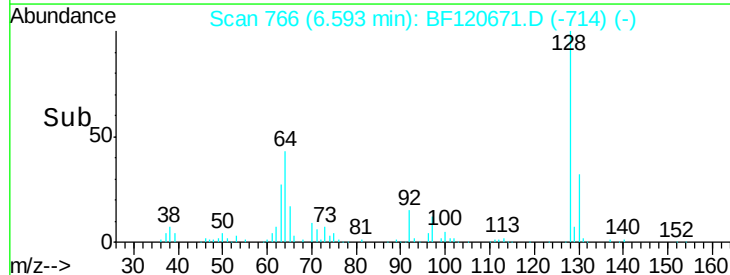
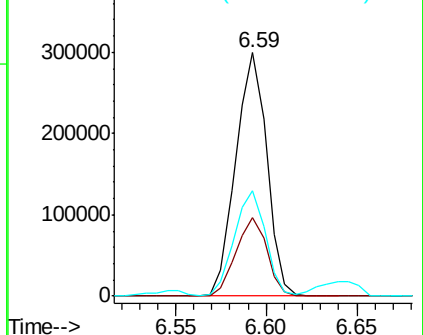
Lab File: BF120671.D

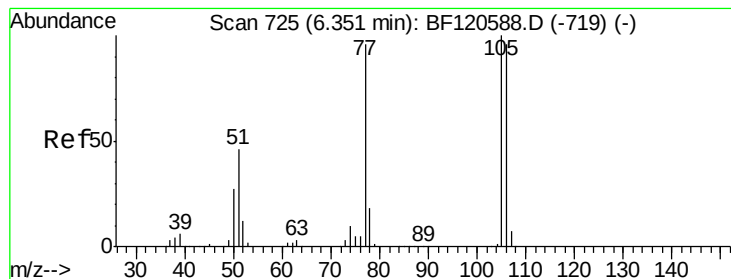
Acq: 19 Jun 2020 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		357027		
130	32.4	12.6	52.6		
64	43.3	24.3	64.3		



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: 66.440 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

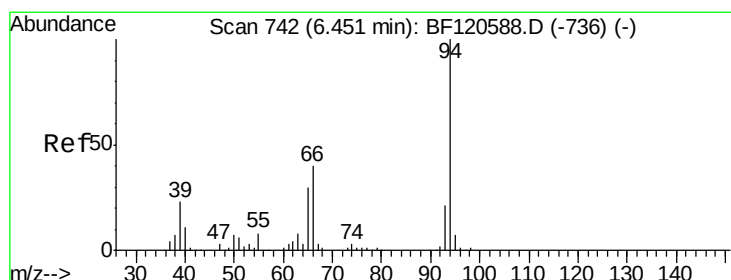
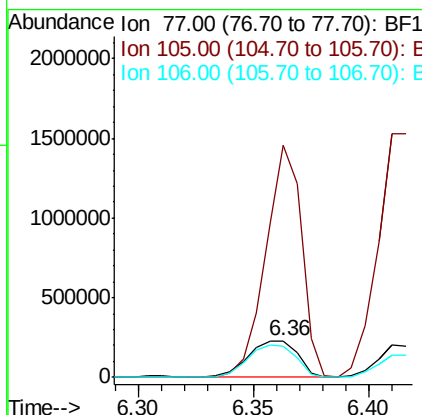
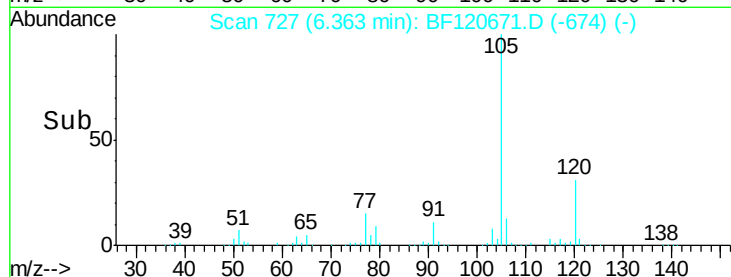
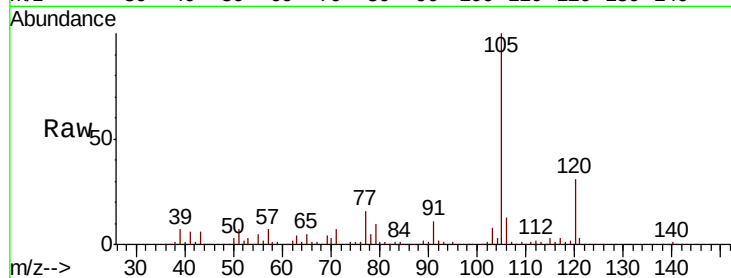
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	633.0	83.8	123.8#
106	83.2	79.3	119.3

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#10

Phenol

Concen: 52.730 ng

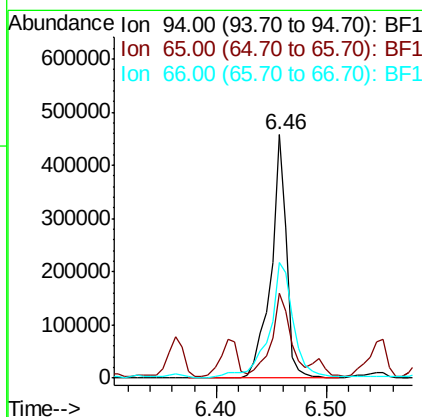
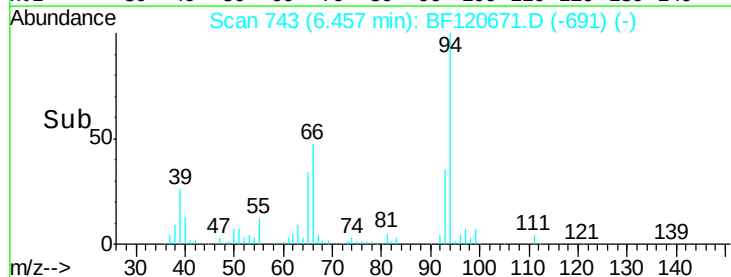
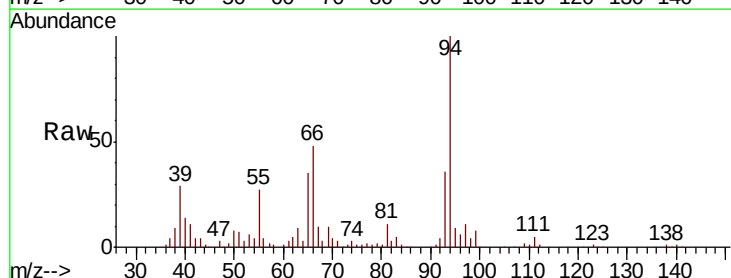
RT: 6.46 min Scan# 743

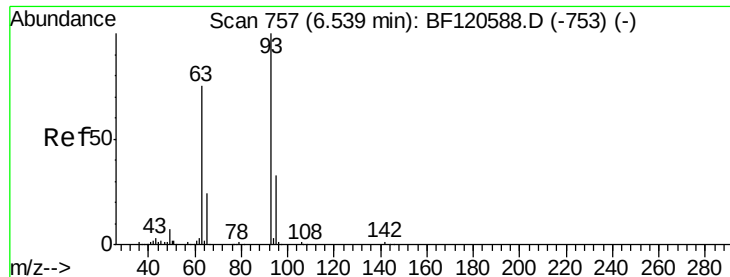
Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.7	9.9	49.9
66	47.6	20.1	60.1





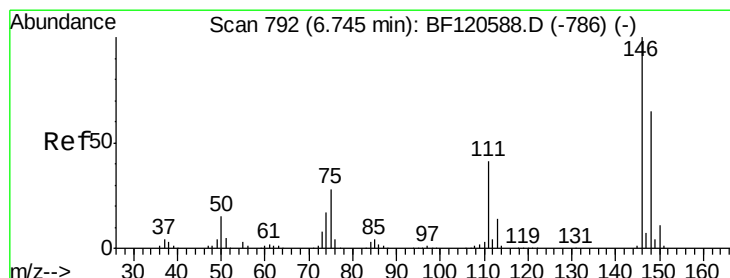
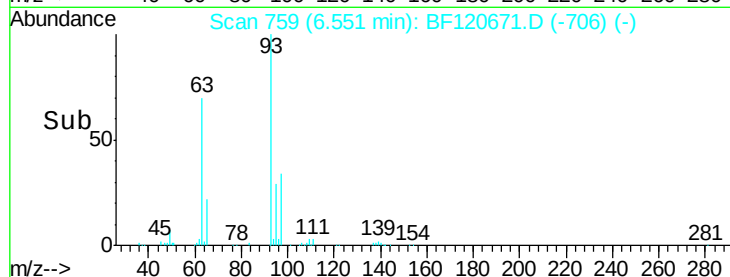
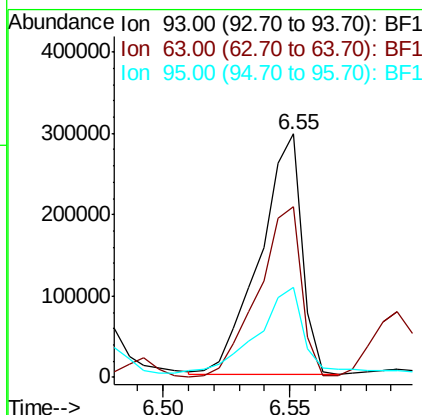
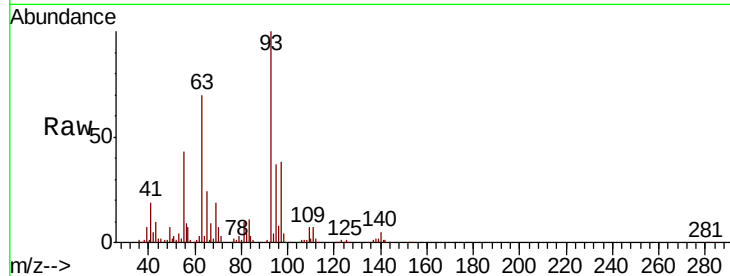
#11
bis(2-Chloroethyl)ether
Concen: 48.697 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion:	93	Resp:	345473
Ion Ratio	Lower	Upper	
93	100		
63	70.4	54.4	94.4
95	36.8	12.9	52.9

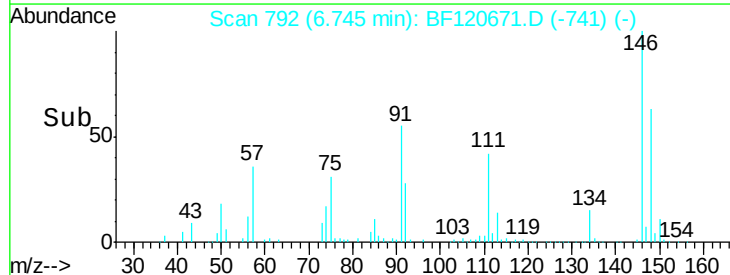
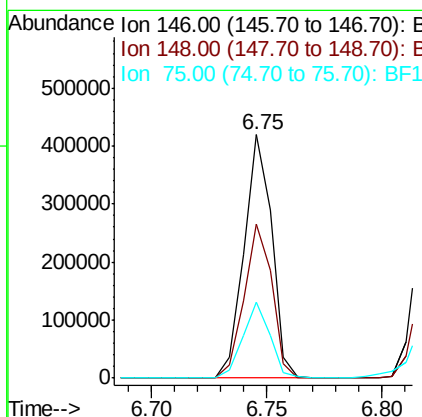
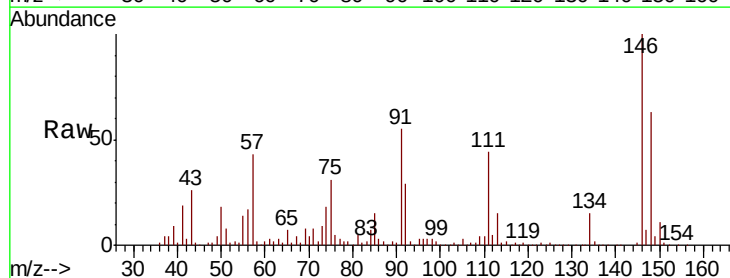
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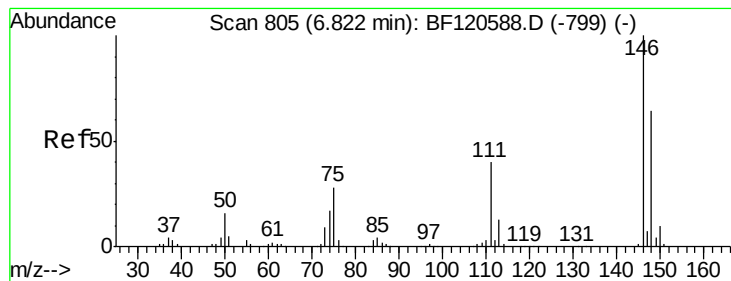
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.657 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:	146	Resp:	351554
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.6
75	31.0	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 44.035 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

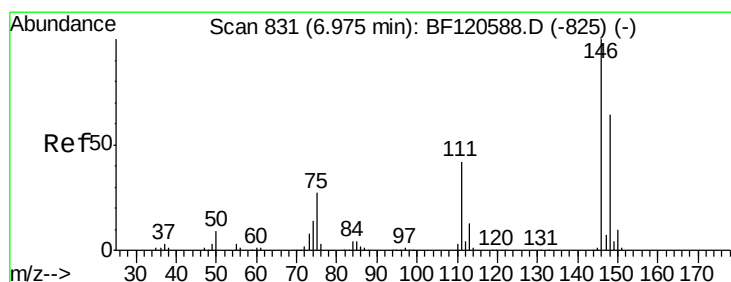
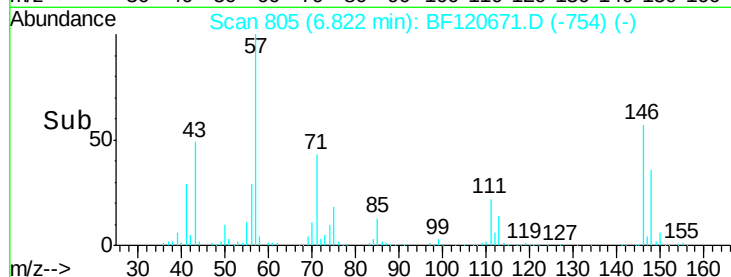
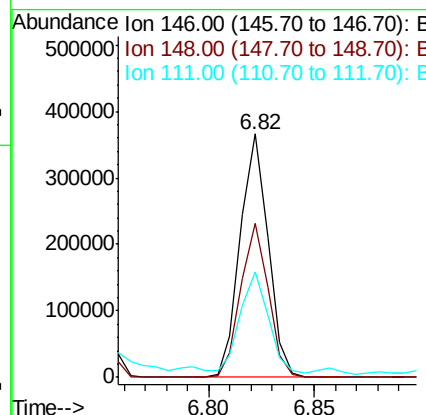
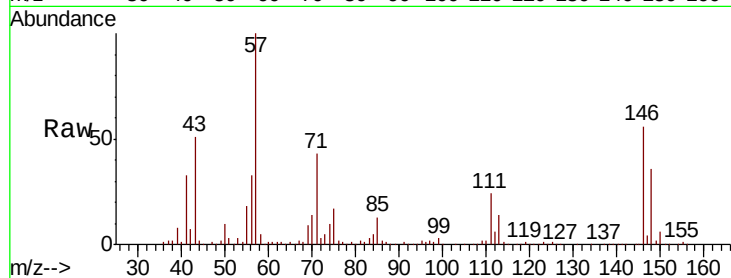
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:	146	Resp:	334537
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.5	77.3
111	43.3	32.2	48.4

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#14

1,2-Dichlorobenzene

Concen: 47.618 ng

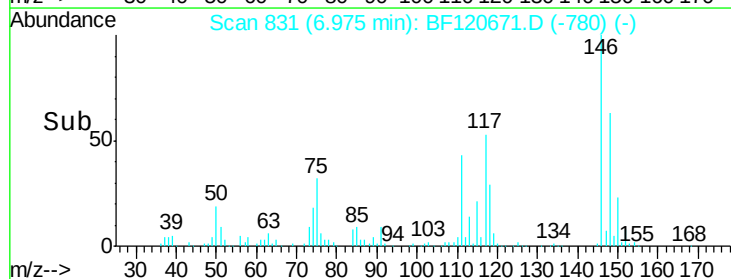
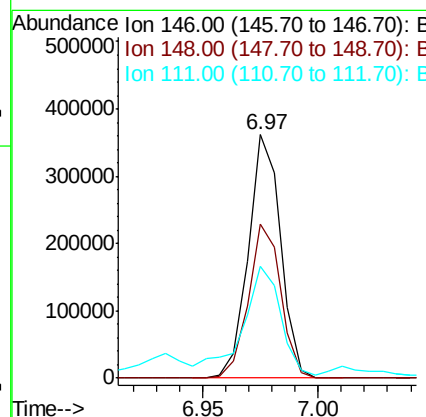
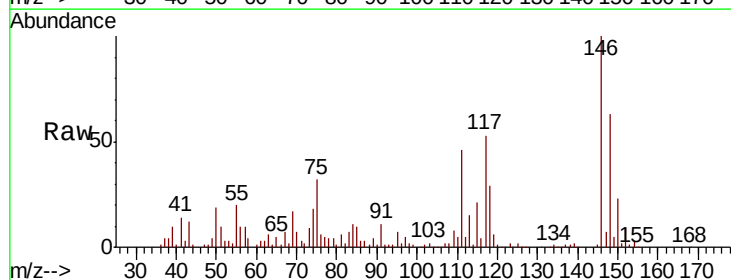
RT: 6.97 min Scan# 831

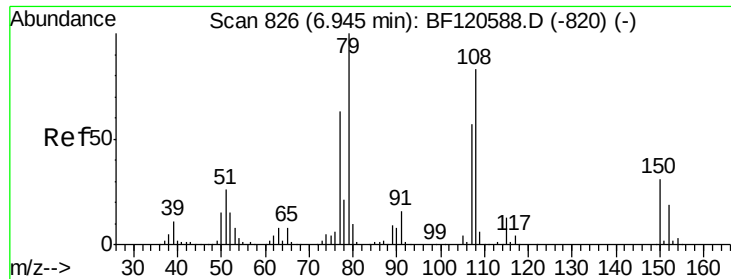
Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Tgt Ion:	146	Resp:	352390
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.8	76.2
111	45.7	33.6	50.4





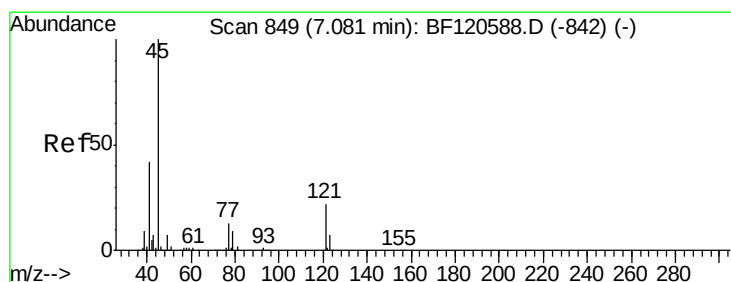
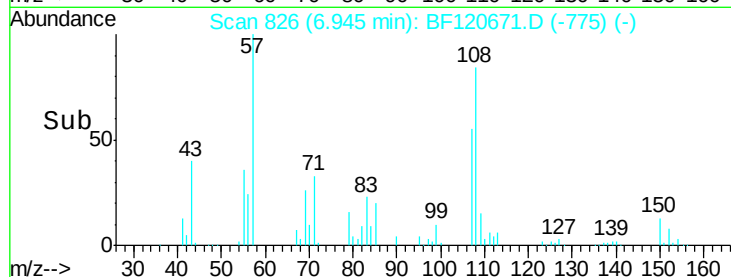
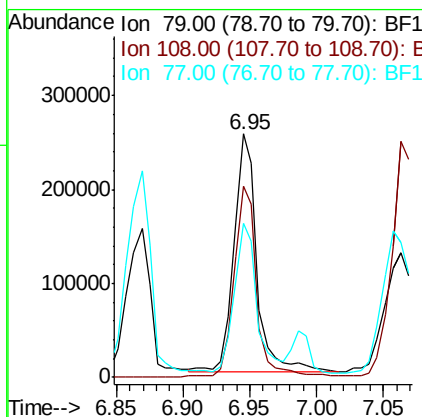
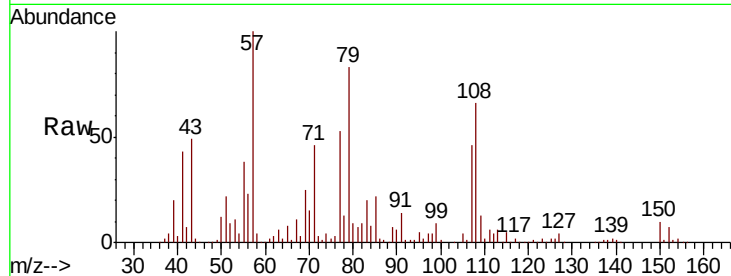
#15
Benzyl Alcohol
Concen: 53.584 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.8	66.8	100.2
77	63.5	50.6	76.0

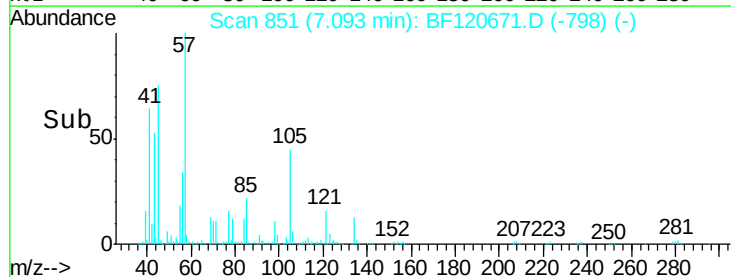
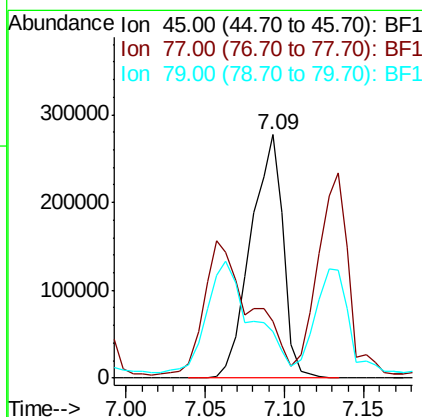
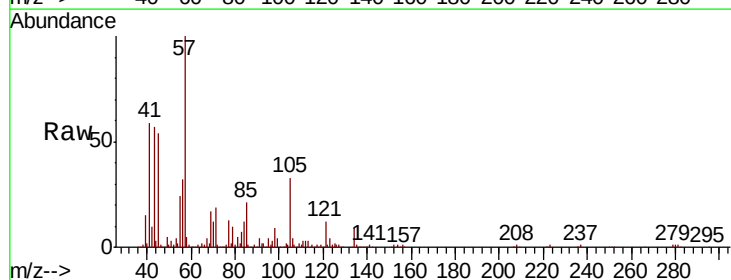
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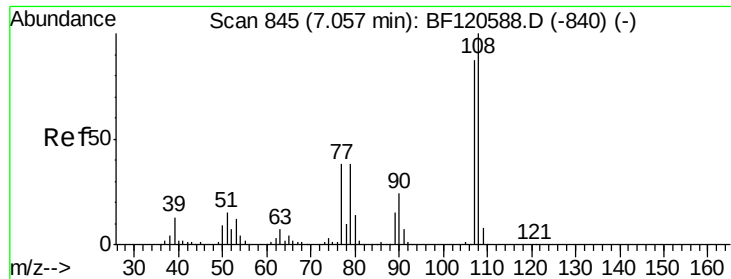
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.533 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.1	0.0	34.2
79	18.9	0.0	30.9





#17

2-Methylphenol

Concen: 40.352 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

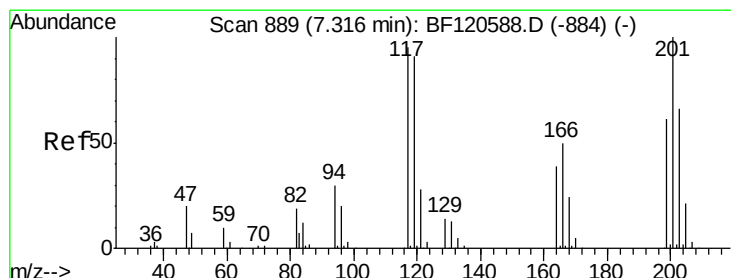
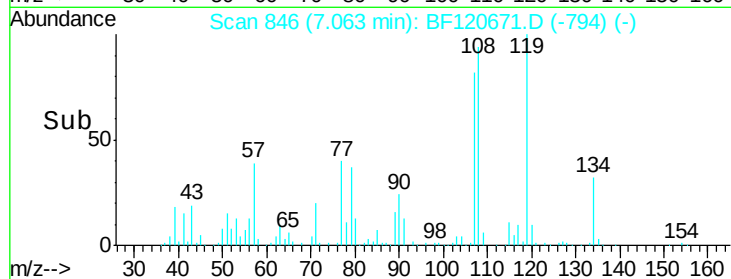
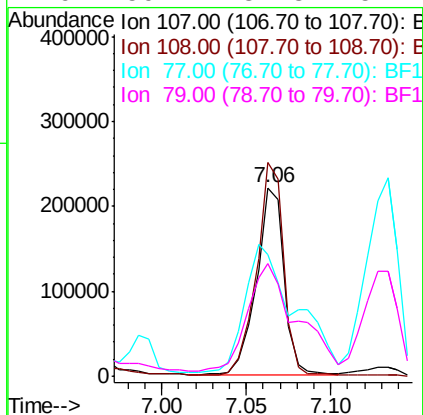
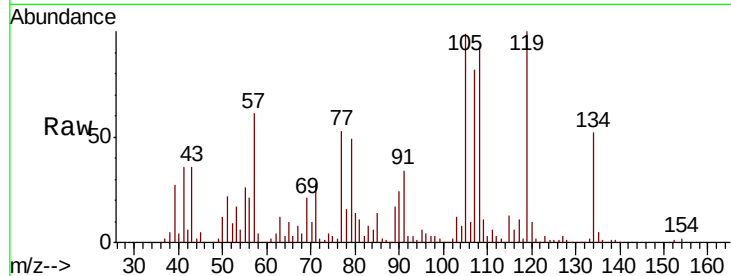
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:	107	Resp:	249269
Ion Ratio	Lower	Upper	
107	100		
108	113.4	91.9	137.9
77	64.9	35.4	53.2#
79	59.7	34.8	52.2#

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#18

Hexachloroethane

Concen: 31.347 ng m

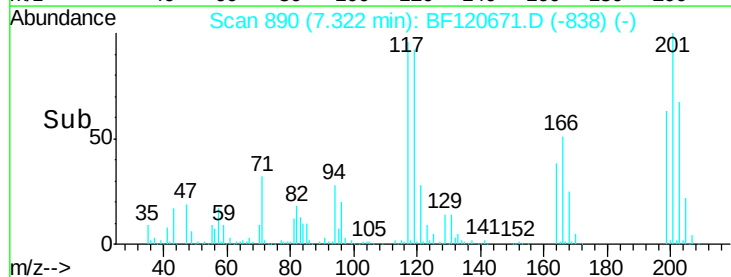
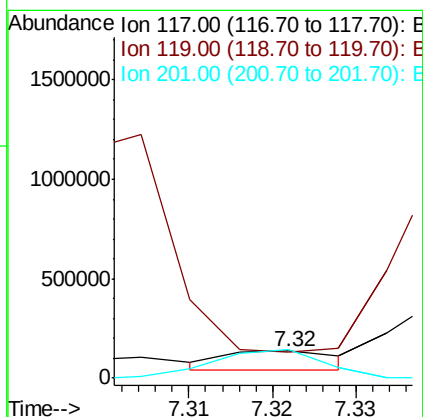
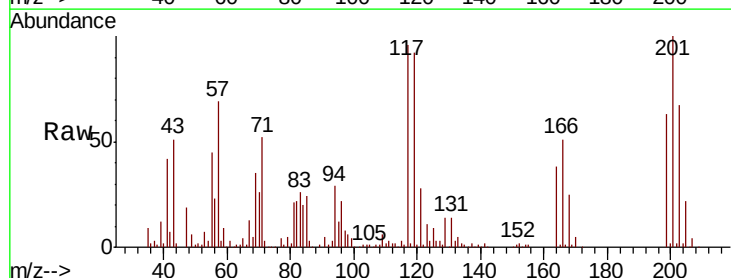
RT: 7.32 min Scan# 890

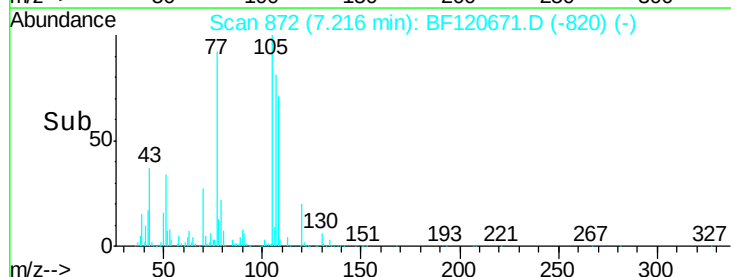
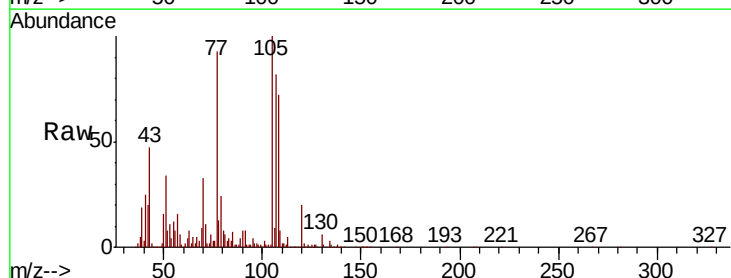
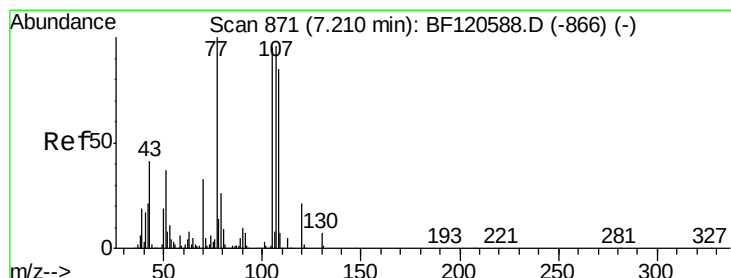
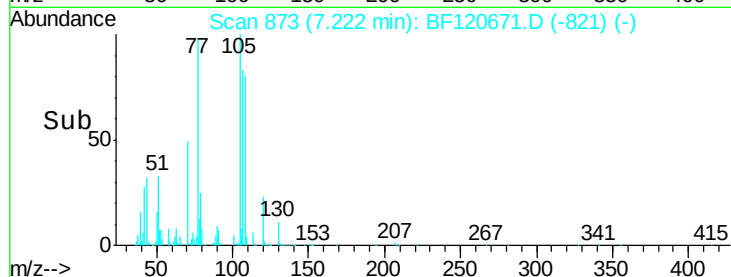
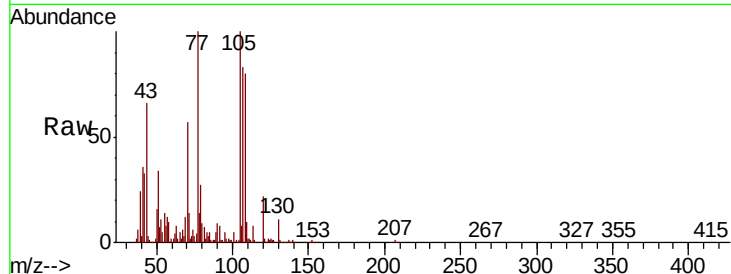
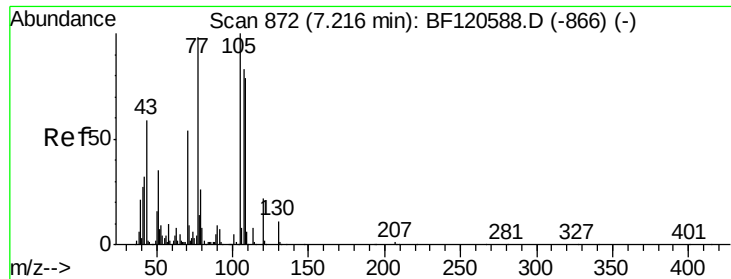
Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Tgt Ion:	117	Resp:	87750
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.9	115.3
201	104.1	84.6	127.0





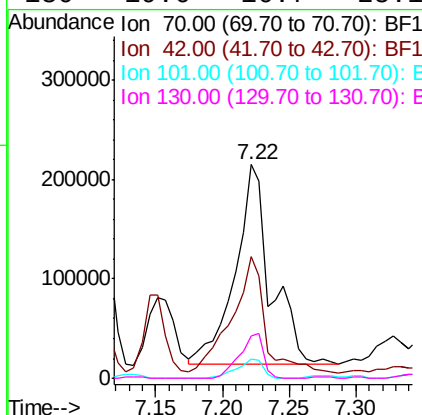
#19
n-Nitroso-di-n-propylamine
Concen: 80.782 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.7	71.5
101	9.0	7.6	11.4
130	19.6	16.7	25.1

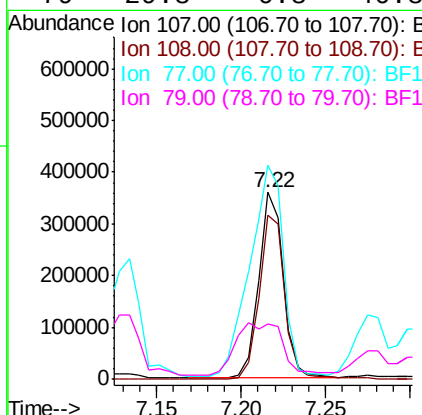
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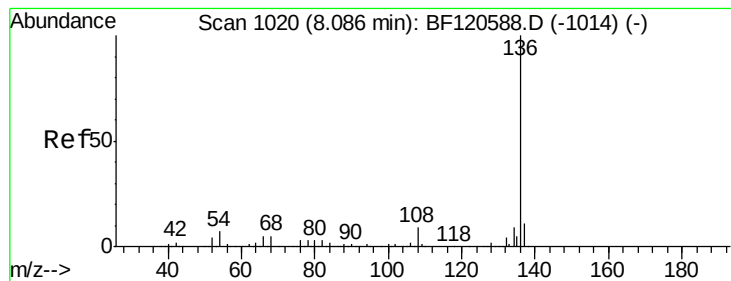
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#20
3+4-Methylphenols
Concen: 47.335 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.7	108.7
77	114.6	84.2	124.2
79	29.8	6.8	46.8





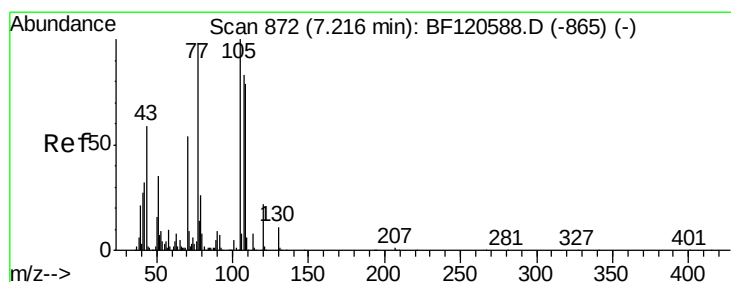
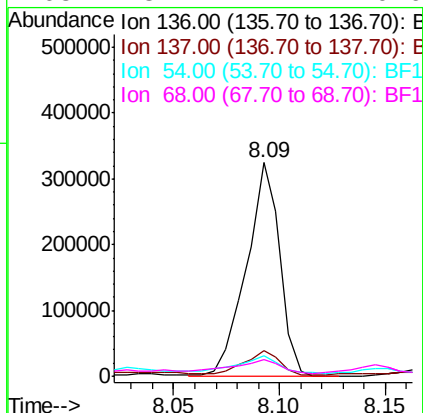
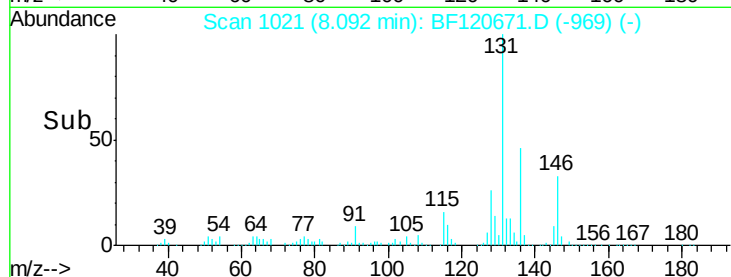
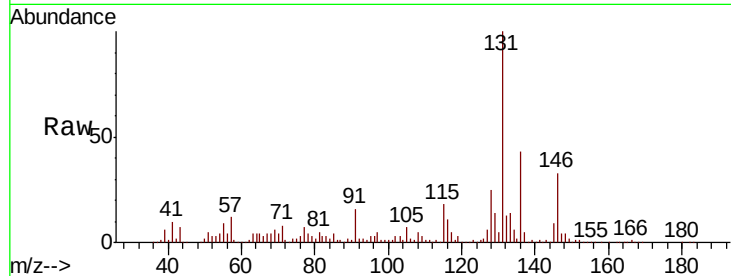
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.1	8.6	13.0	
54	9.9	5.8	8.6#	
68	8.1	4.4	6.6#	

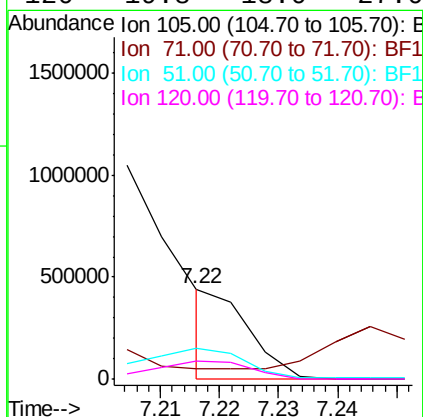
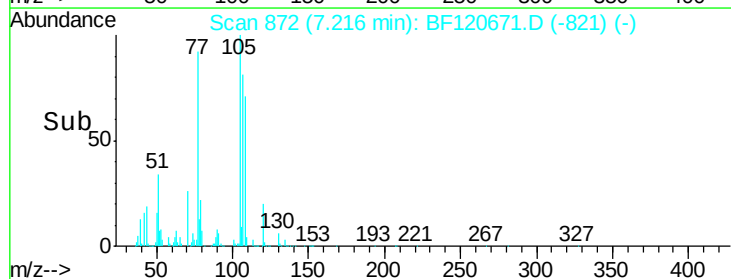
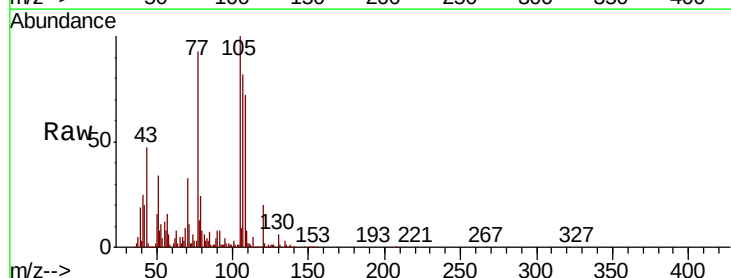
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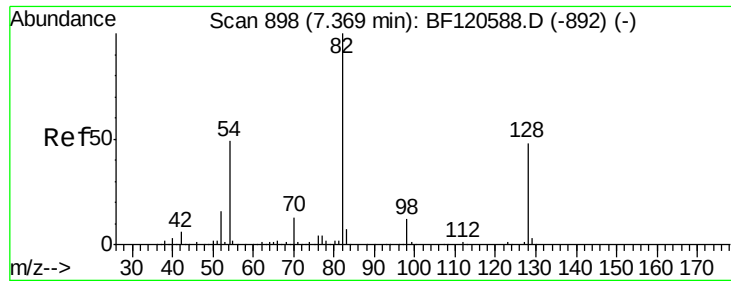
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#22
Acetophenone
Concen: 23.236 ng m
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	11.4	7.2	10.8#	
51	34.5	27.8	41.8	
120	19.8	18.0	27.0	





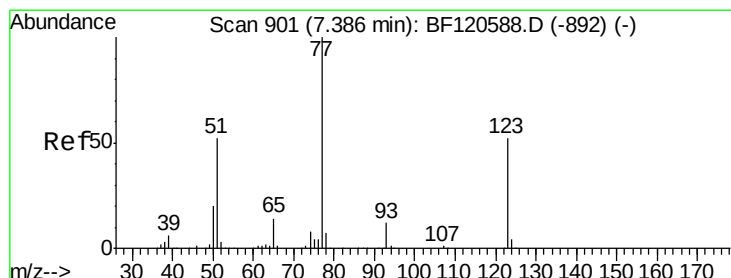
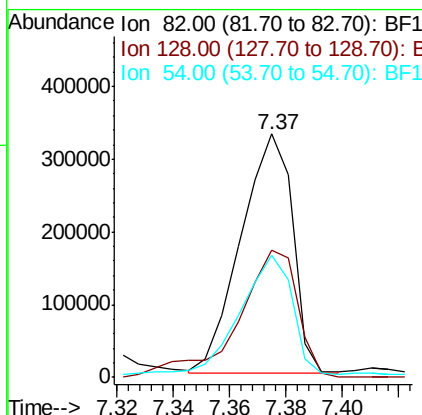
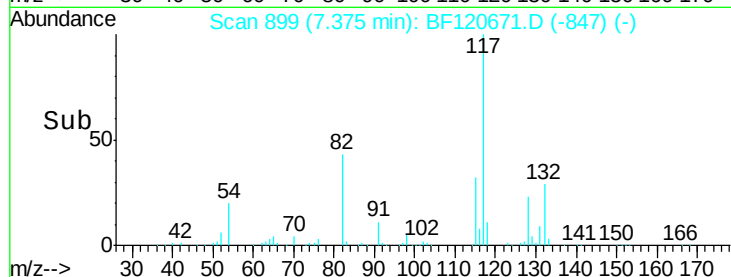
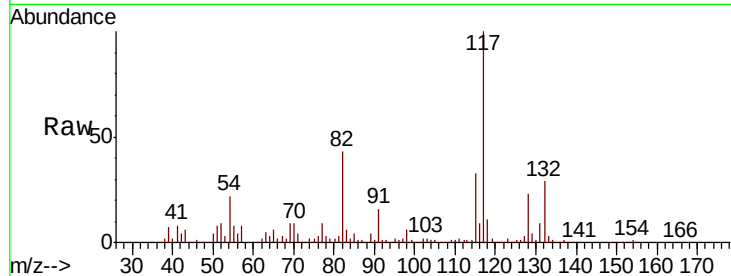
#23
Nitrobenzene-d5
Concen: 65.898 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	82	Resp	418051
Ion Ratio	Lower	Upper	
82	100		
128	52.3	38.0	57.0
54	49.9	38.8	58.2

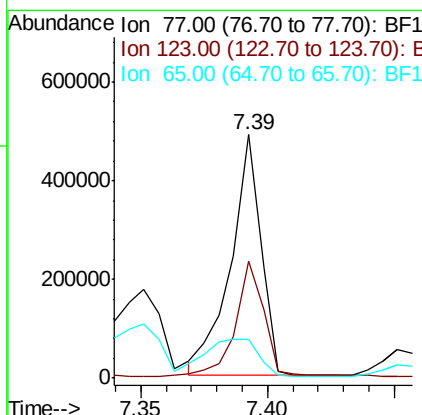
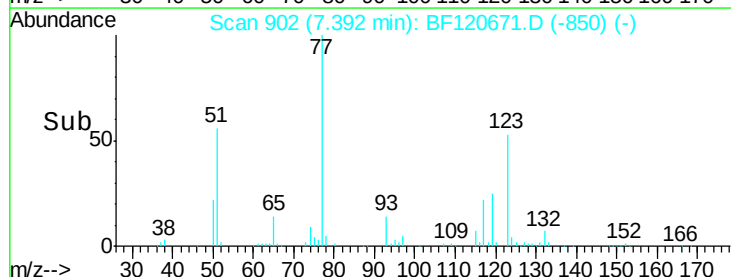
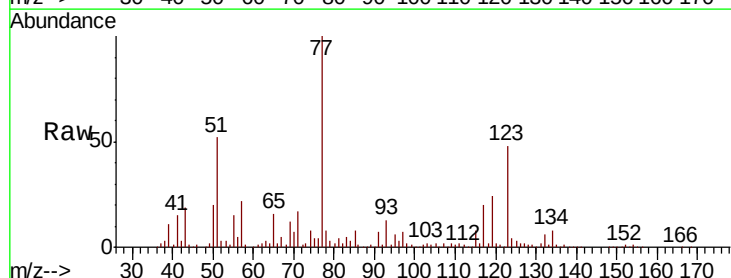
Manual Integrations
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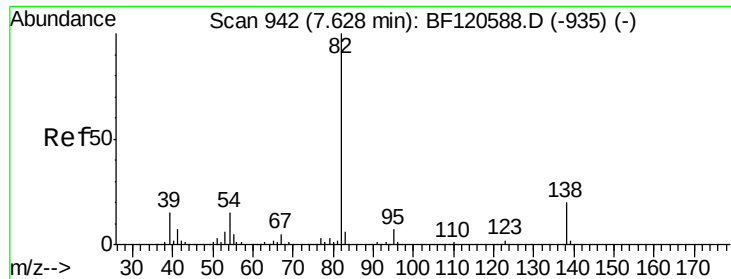
mohammad
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#24
Nitrobenzene
Concen: 61.009 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	77	Resp	405023
Ion Ratio	Lower	Upper	
77	100		
123	48.2	41.4	62.0
65	15.8	11.0	16.4





#25

Isophorone

Concen: 60.313 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

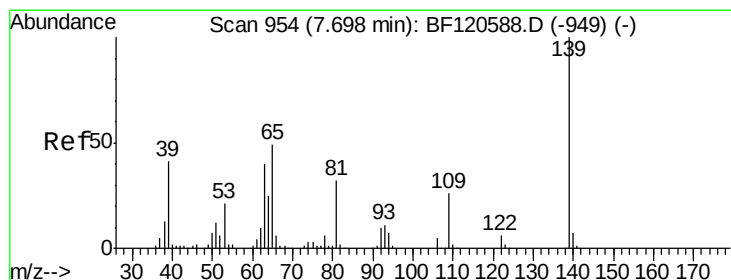
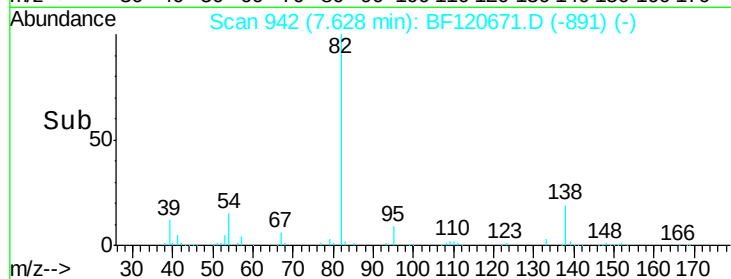
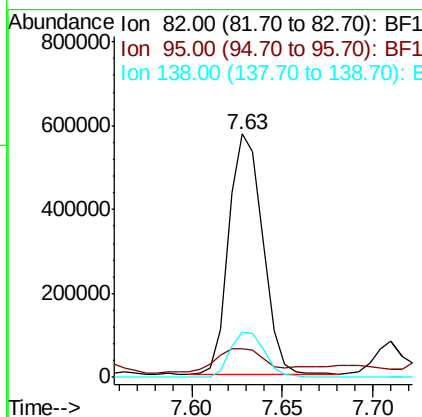
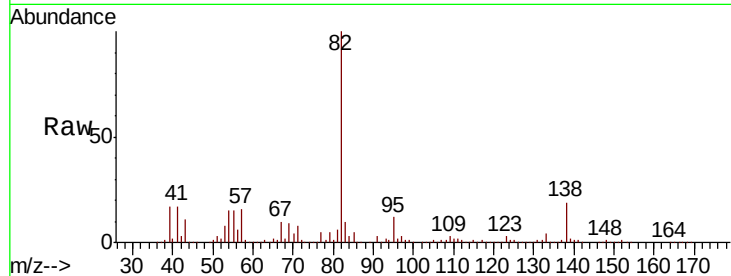
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion	82	Resp	745324
Ion Ratio	Lower	Upper	
82	100		
95	11.9	5.7	8.5#
138	18.6	16.2	24.4

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#26

2-Nitrophenol

Concen: 56.194 ng

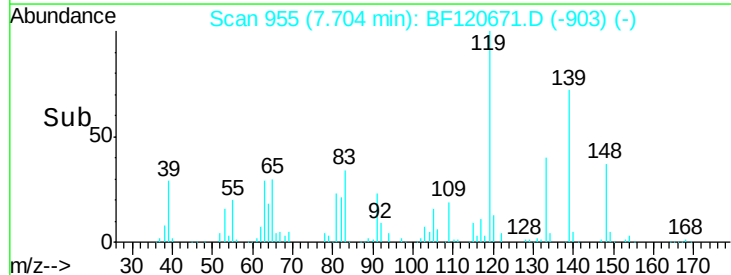
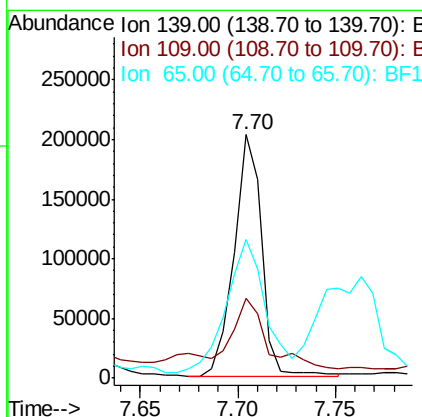
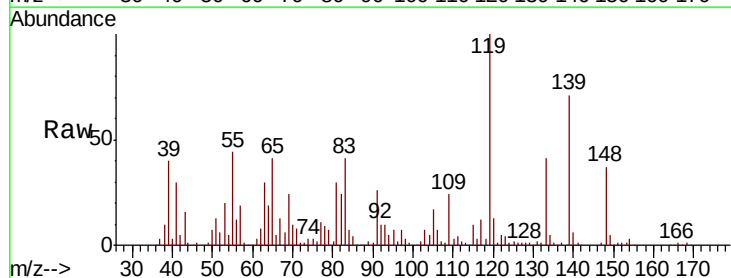
RT: 7.70 min Scan# 955

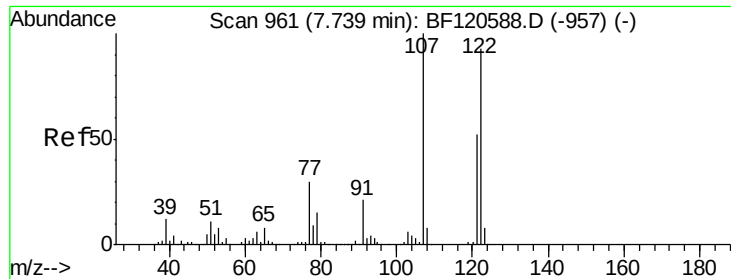
Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Tgt Ion	139	Resp	197361
Ion Ratio	Lower	Upper	
139	100		
109	33.0	21.1	31.7#
65	56.8	39.4	59.0





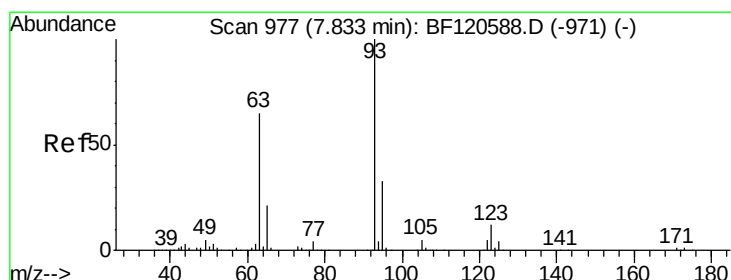
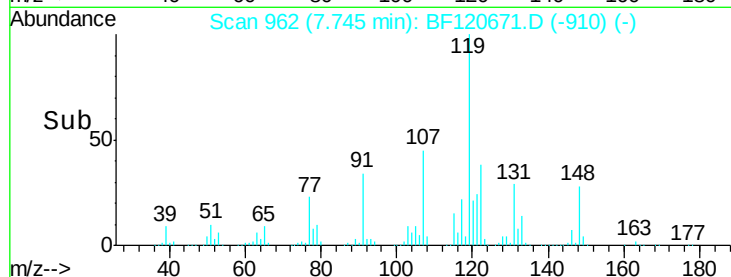
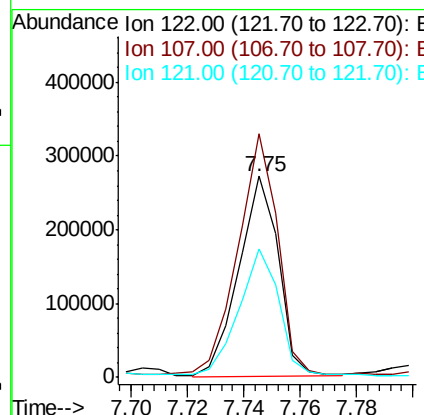
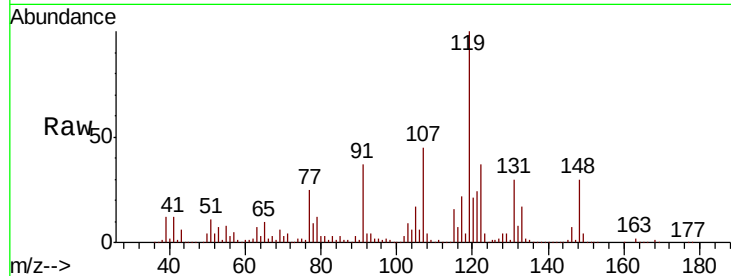
#27
2,4-Dimethylphenol
Concen: 51.440 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	266005		
107	121.0	86.4	129.6	
121	63.6	45.2	67.8	

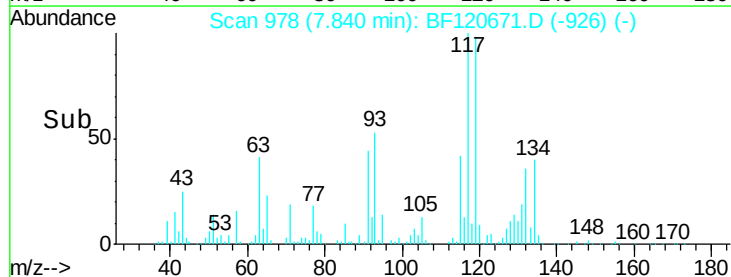
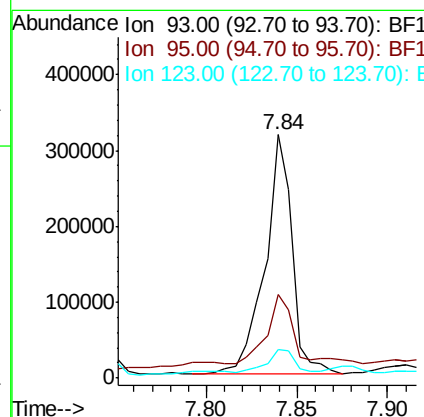
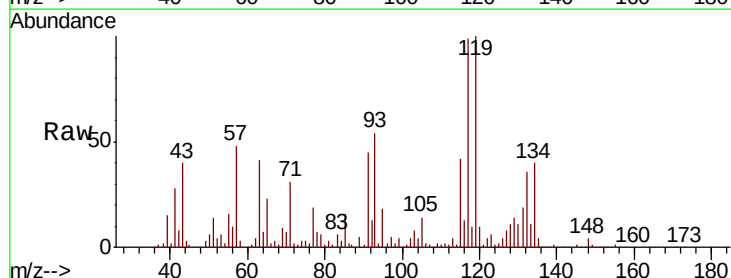
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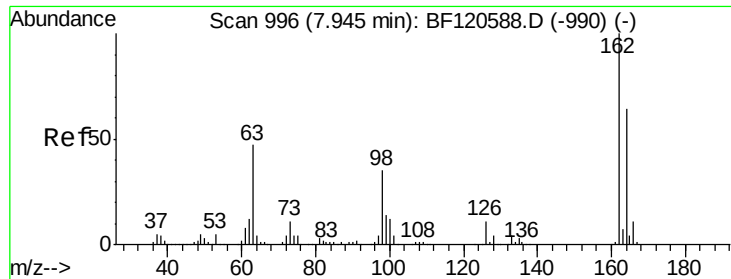
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.299 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	331658		
95	34.5	26.2	39.4	
123	11.8	9.5	14.3	





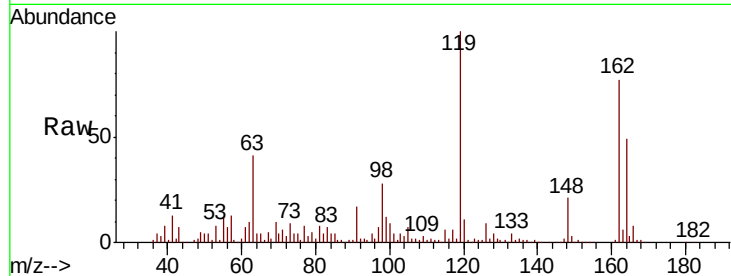
#29
2,4-Dichlorophenol
Concen: 61.025 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.1	84.1
98	36.7	14.7	54.7

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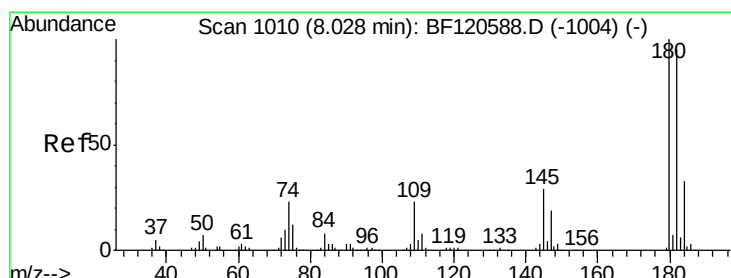
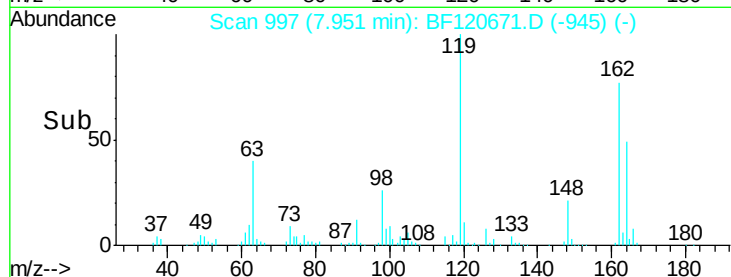
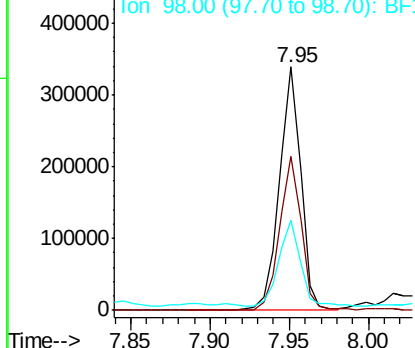


Abundance

Ion 162.00 (161.70 to 162.70): E

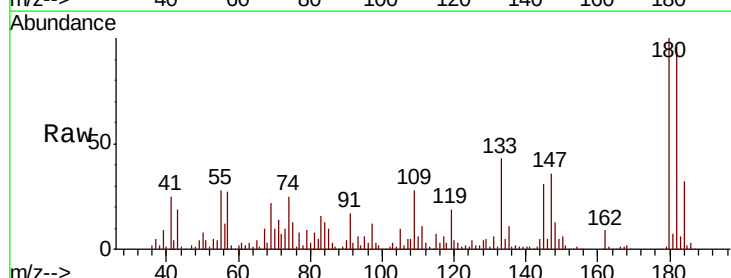
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 58.857 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	30.5	23.0	34.6

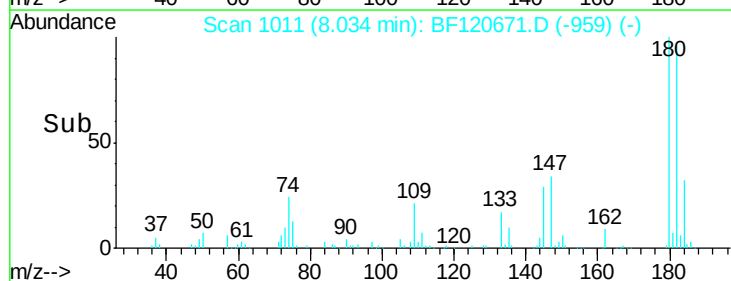
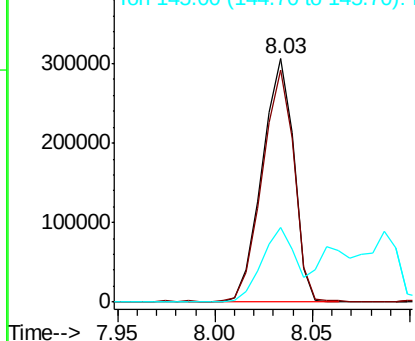


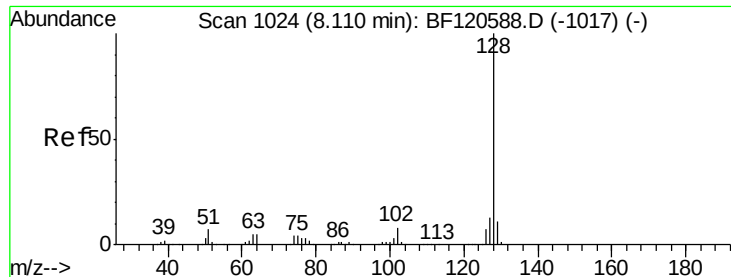
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





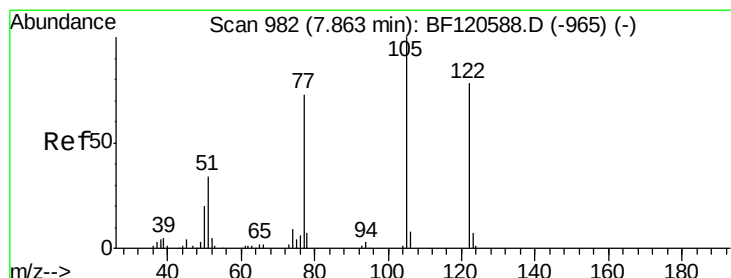
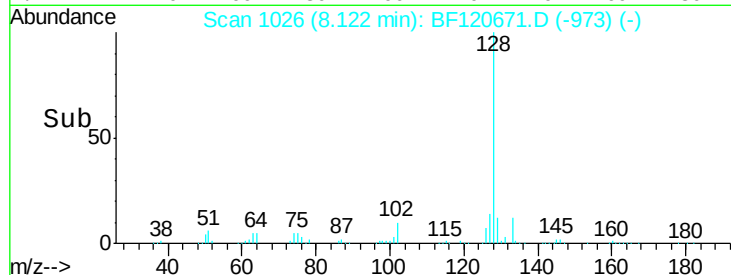
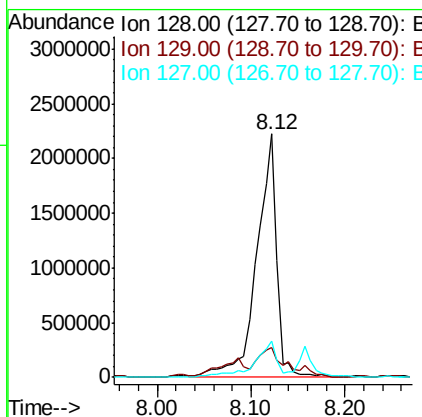
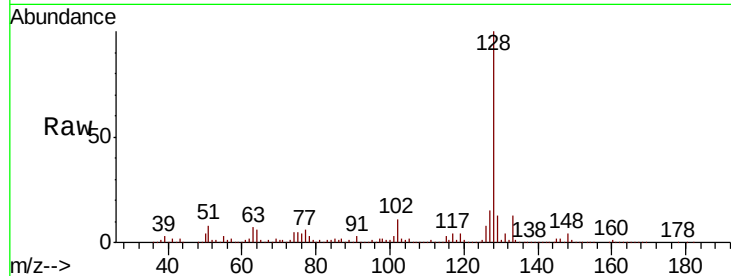
#31
Naphthalene
Concen: 188.326 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.8	13.2
127	14.7	10.6	15.8

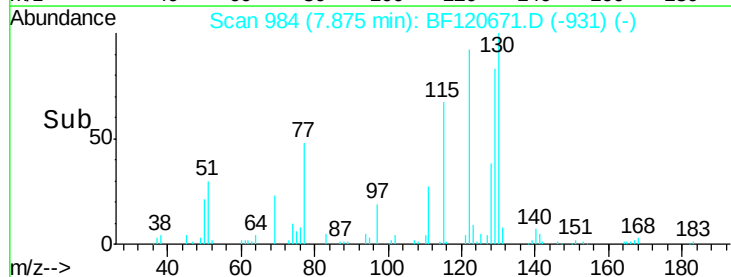
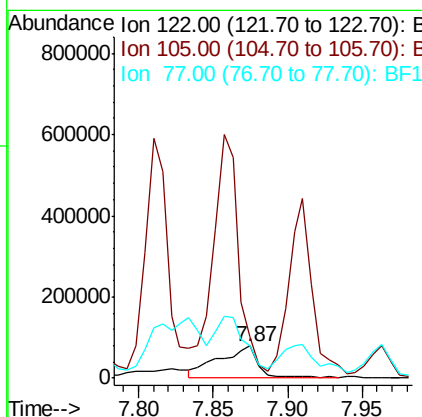
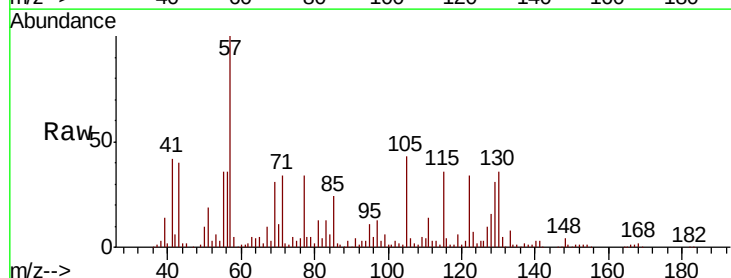
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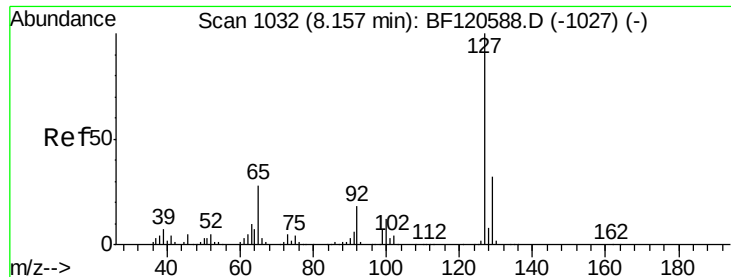
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#32
Benzoic acid
Concen: 34.336 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	101.0	141.0
77	101.6	69.8	109.8





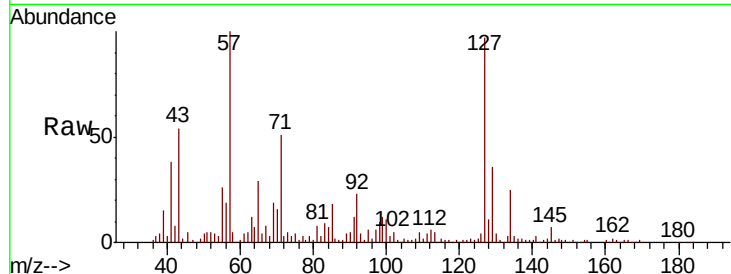
#33
4-Chloroaniline
Concen: 35.678 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

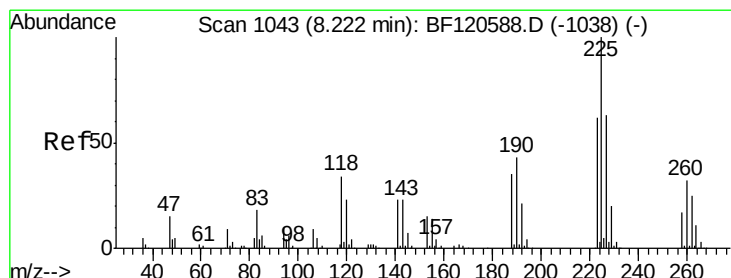
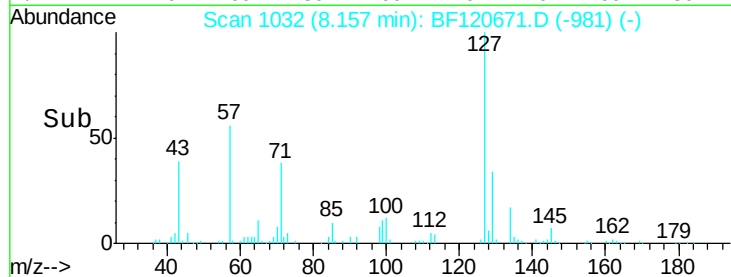
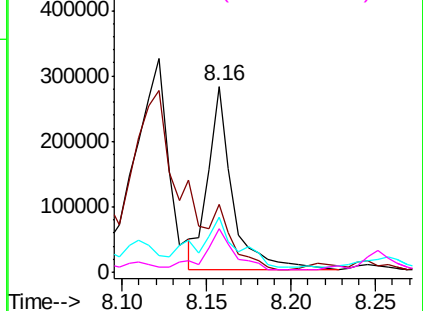
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	36.8	25.9	38.9	
65	29.5	22.2	33.4	
92	23.5	14.2	21.2	

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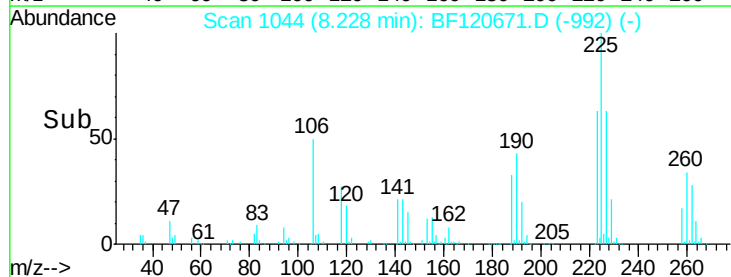
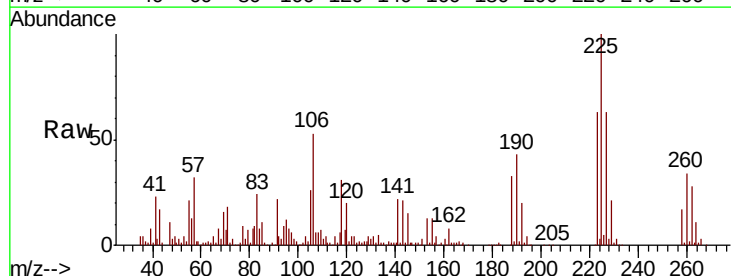
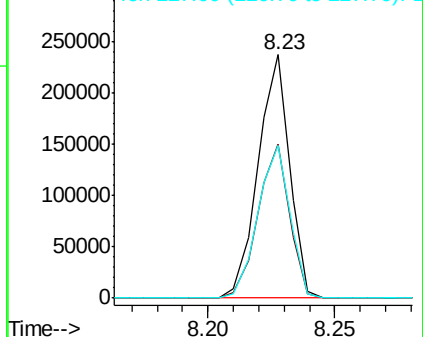
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

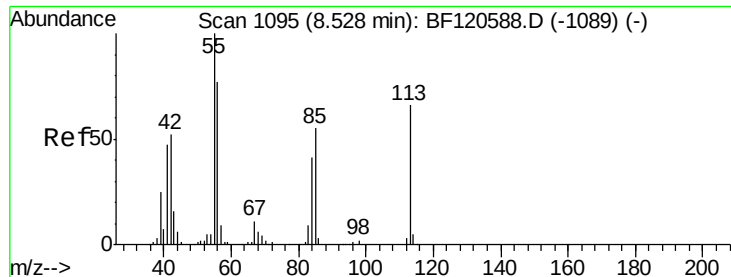


#34
Hexachlorobutadiene
Concen: 60.531 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	49.9	74.9	
227	62.5	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: 51.774 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

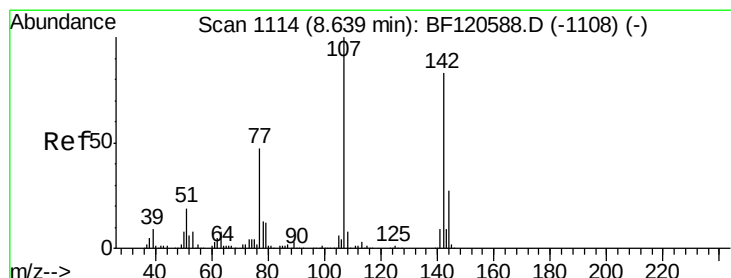
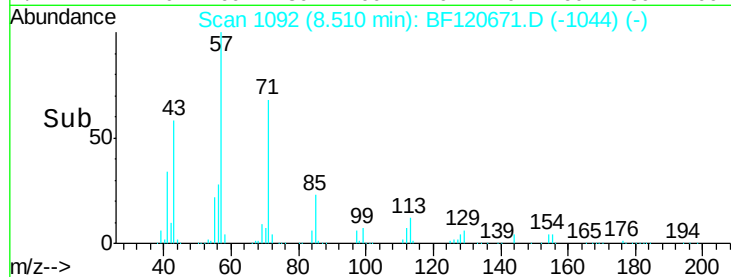
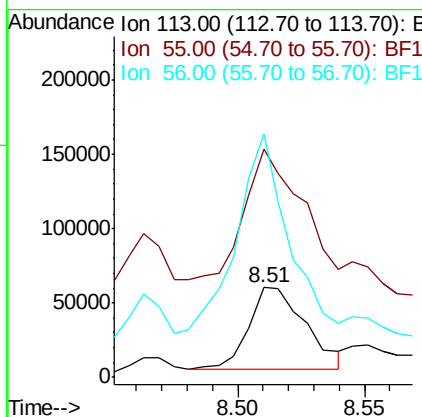
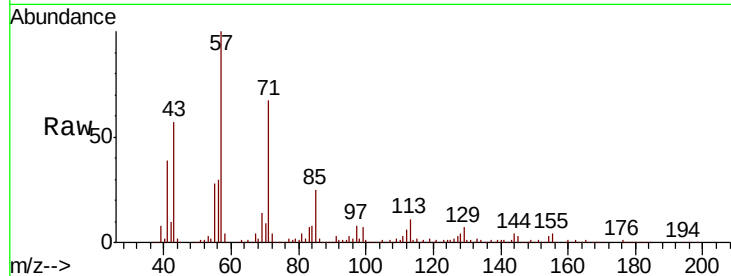
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:	113	Resp:	87043
Ion Ratio	Lower	Upper	
113	100		
55	255.0	133.1	173.1#
56	272.4	98.4	138.4#

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#36

4-Chloro-3-methylphenol

Concen: 55.339 ng

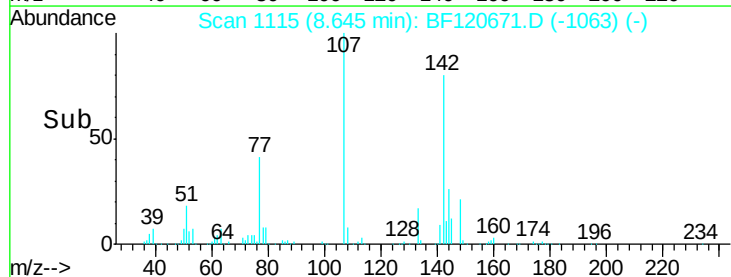
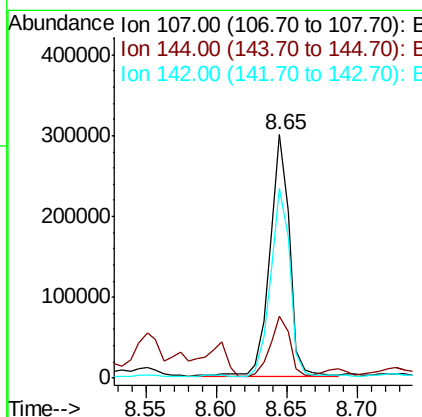
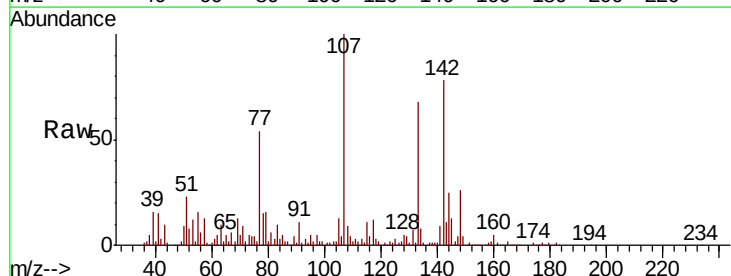
RT: 8.65 min Scan# 1115

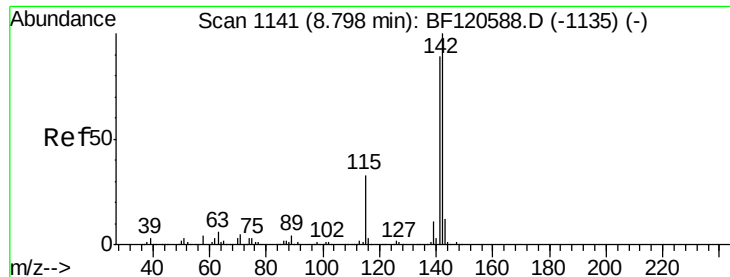
Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Tgt Ion:	107	Resp:	290619
Ion Ratio	Lower	Upper	
107	100		
144	25.3	21.4	32.2
142	78.2	66.3	99.5





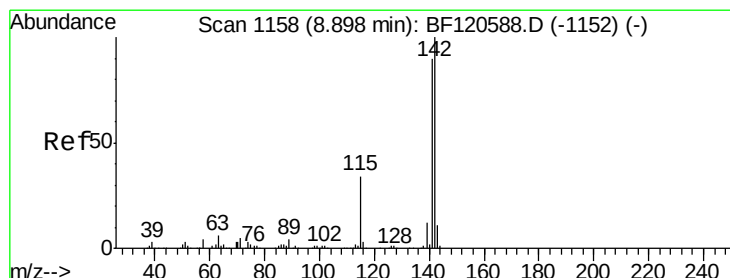
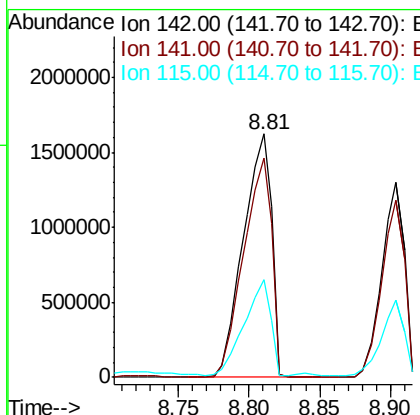
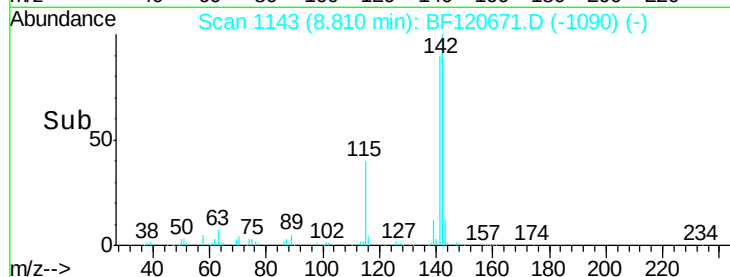
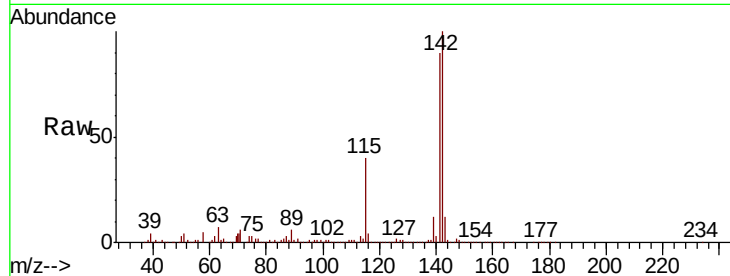
#37
2-Methylnaphthalene
Concen: 200.597 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.0
115	40.2	26.1	39.1#

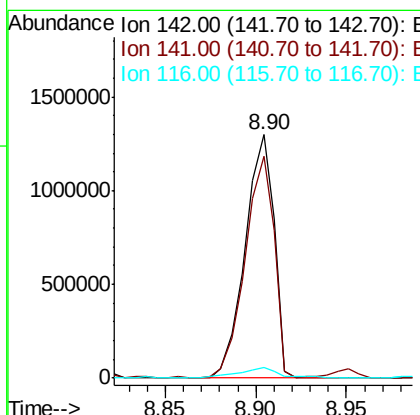
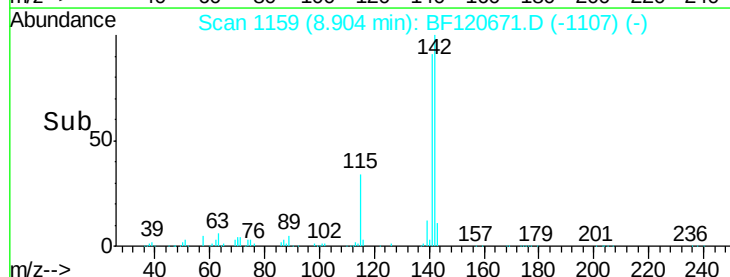
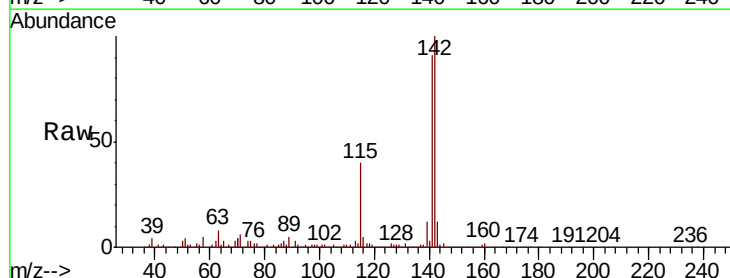
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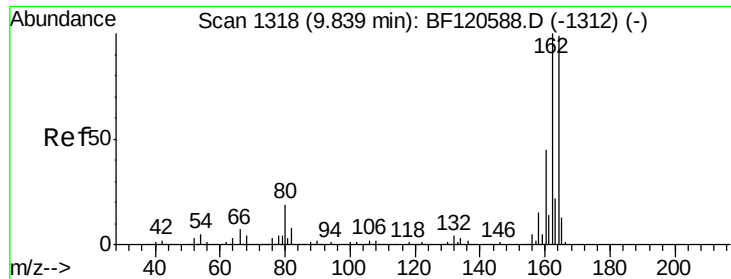
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#38
1-Methylnaphthalene
Concen: 134.832 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.1	108.1
116	4.5	2.7	4.1#





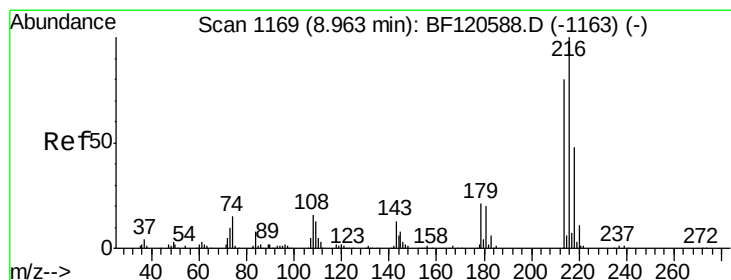
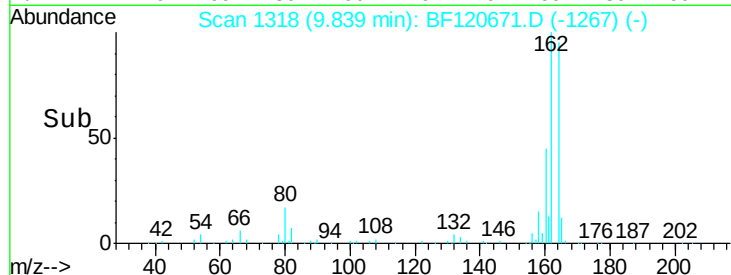
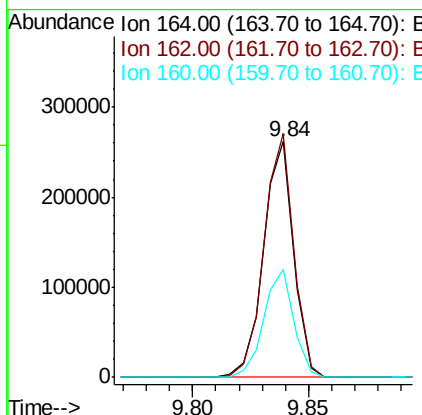
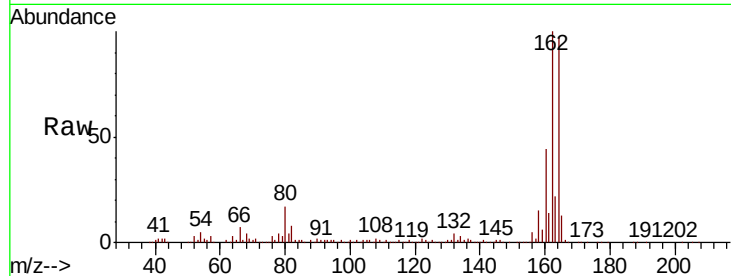
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.6	120.8
160	45.7	36.2	54.2

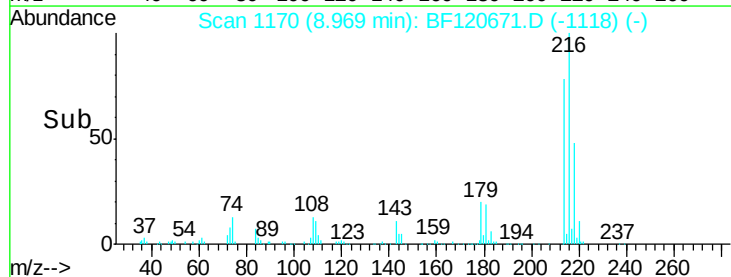
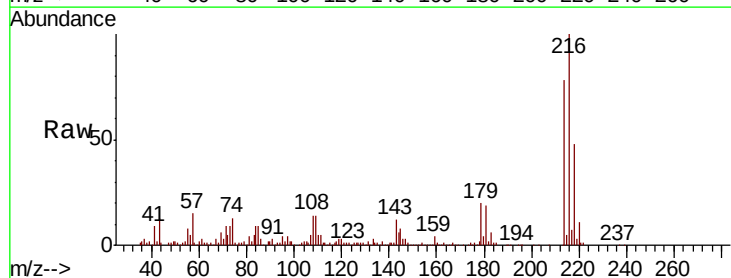
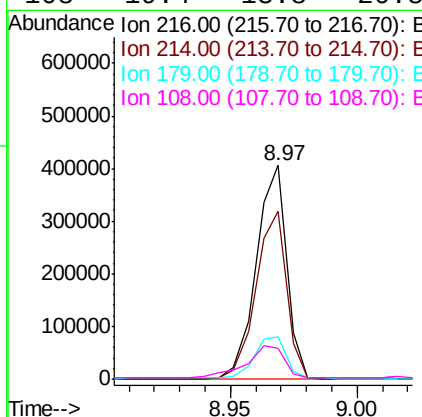
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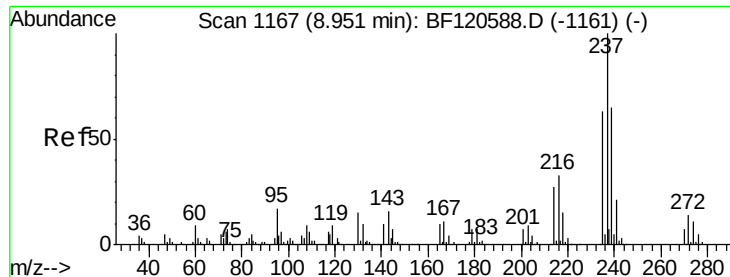
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.962 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	21.0	16.4	24.6
108	19.4	13.8	20.8





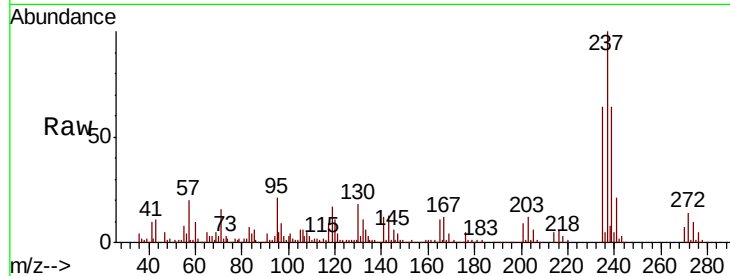
#41
Hexachlorocyclopentadiene
Concen: 85.667 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

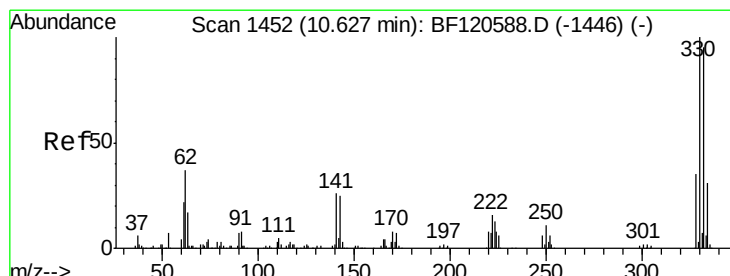
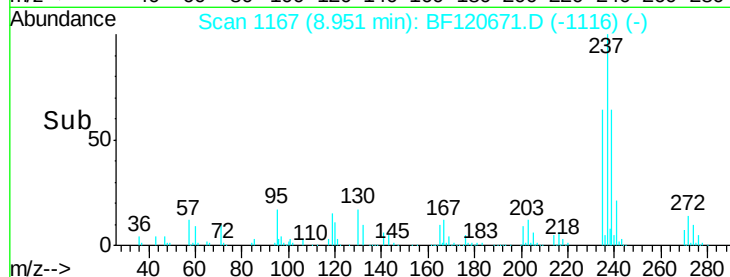
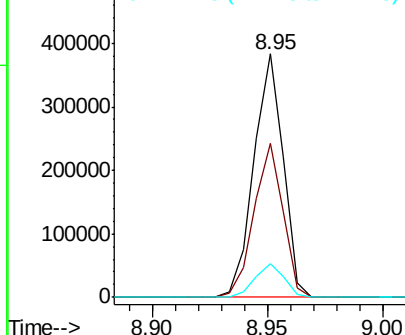
Tot Ion:	237	Resp:	340823
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.2	83.2
272	13.8	0.0	33.9

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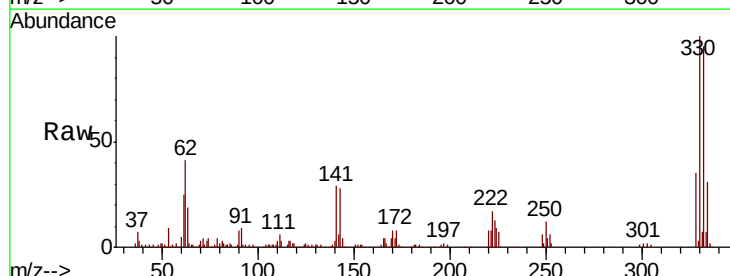


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

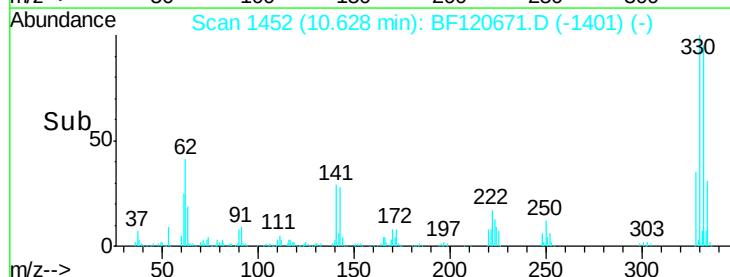
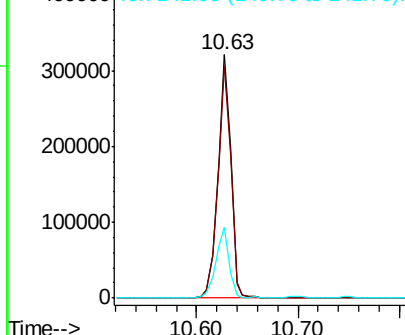


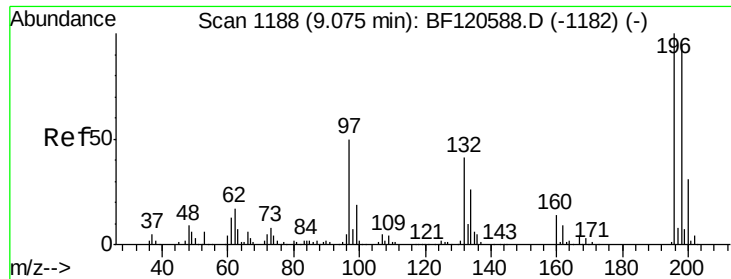
#42
2,4,6-Tribromophenol
Concen: 103.267 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:	330	Resp:	285477
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.8	115.2
141	29.1	23.2	34.8



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





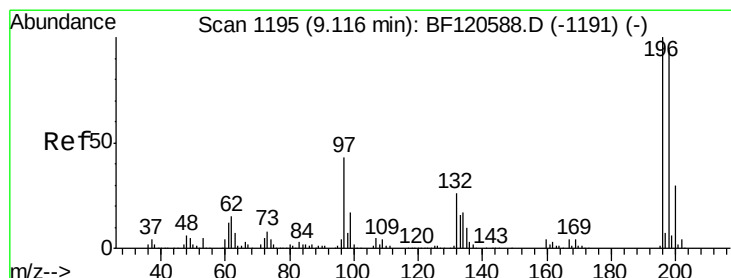
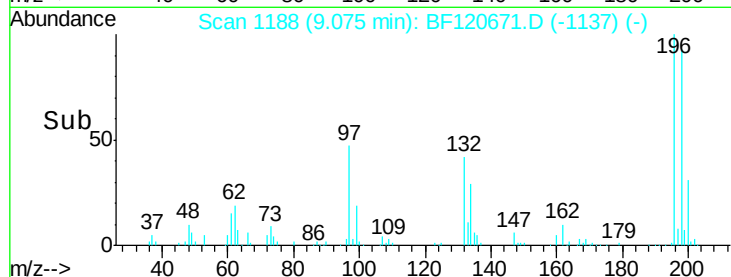
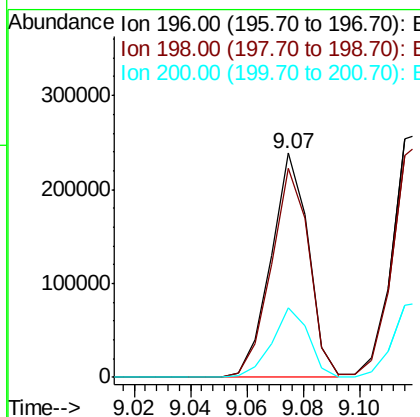
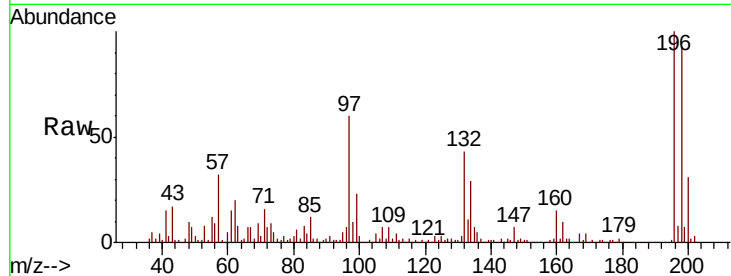
#43
 2,4,6-Trichlorophenol
 Concen: 43.627 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	219717		
198	93.3	76.2	114.2	
200	30.8	24.6	37.0	

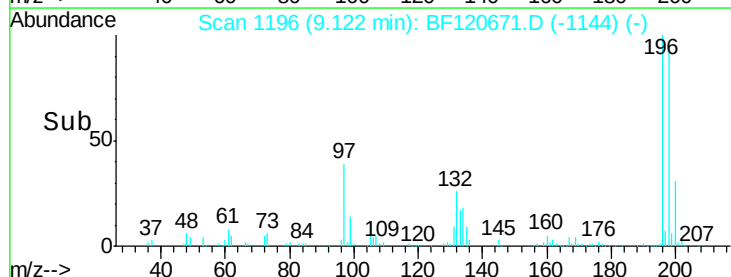
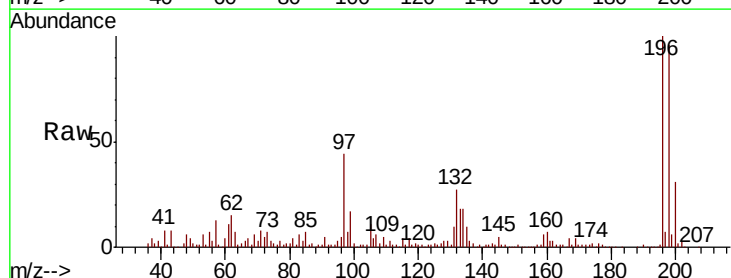
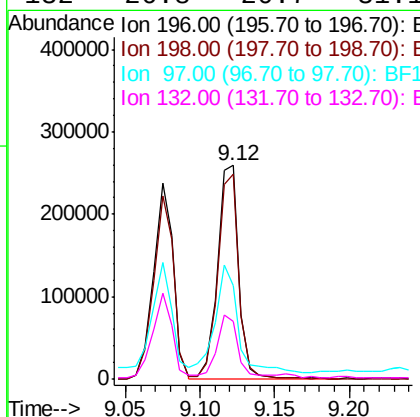
Manual Integrations
 APPROVED

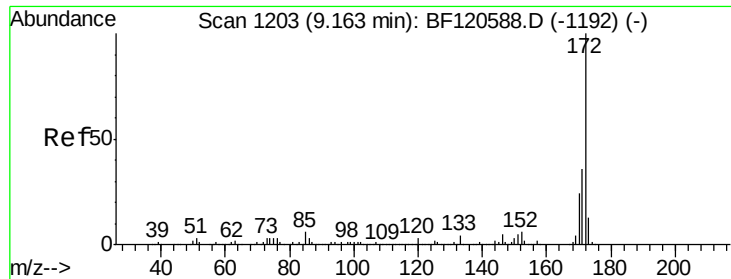
mohammad
 6/22/2020 3:24:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.139 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	257914		
198	96.2	75.5	113.3	
97	44.0	34.4	51.6	
132	26.8	20.7	31.1	





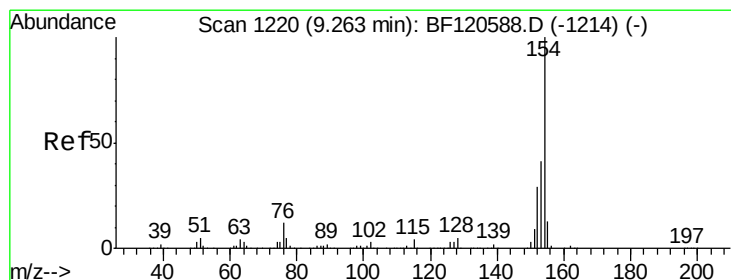
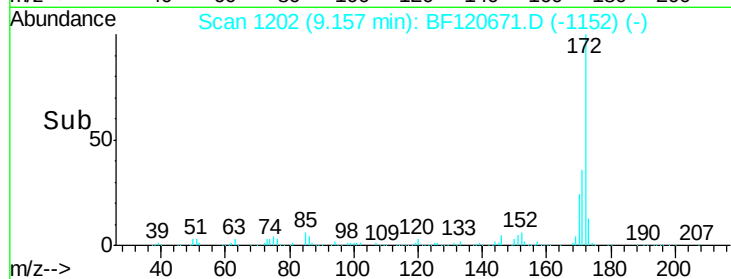
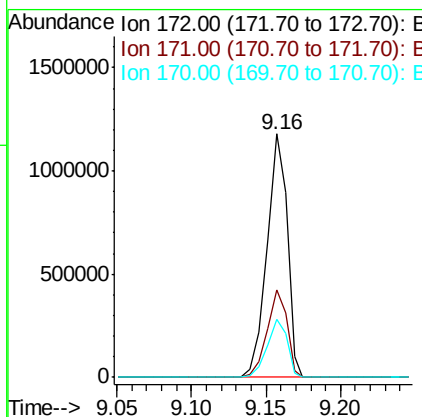
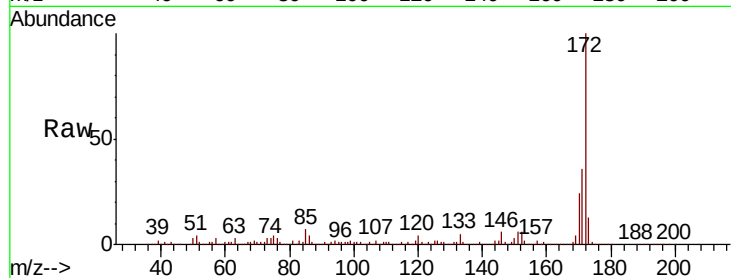
#45
2-Fluorobiphenyl
Concen: 70.677 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	23.6	19.4	29.2

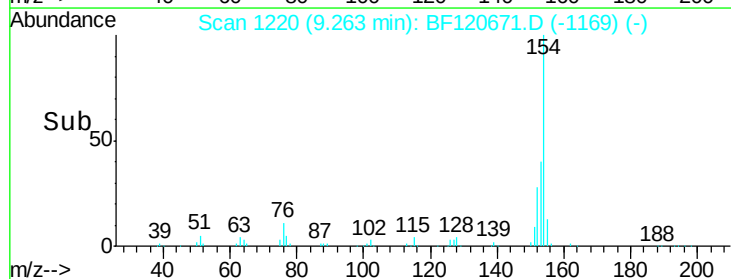
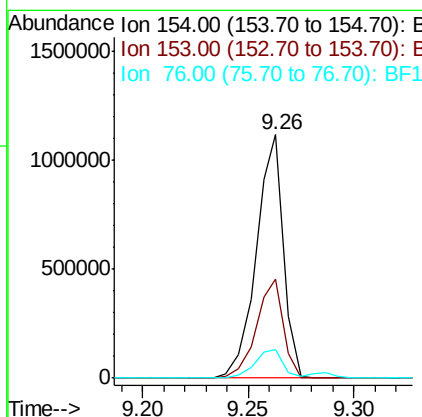
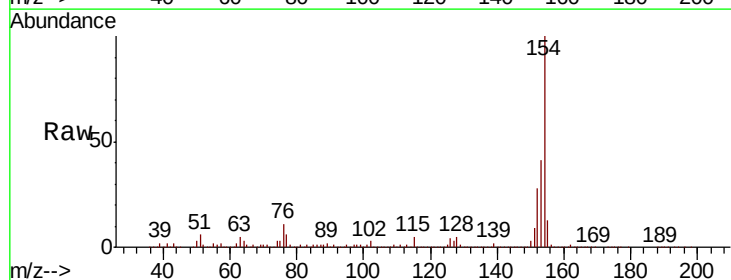
Manual Integrations
APPROVED

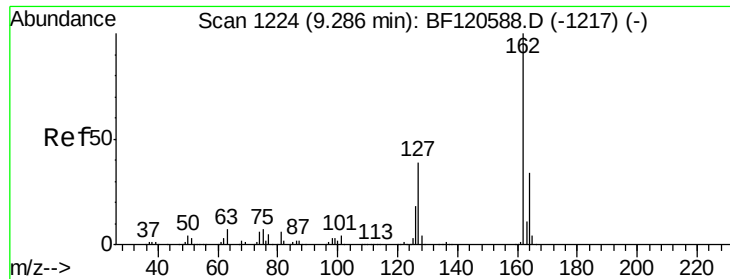
mohammad
6/22/2020 3:24:53 PM



#46
1,1'-Biphenyl
Concen: 55.849 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.4	61.4
76	11.5	0.0	31.6





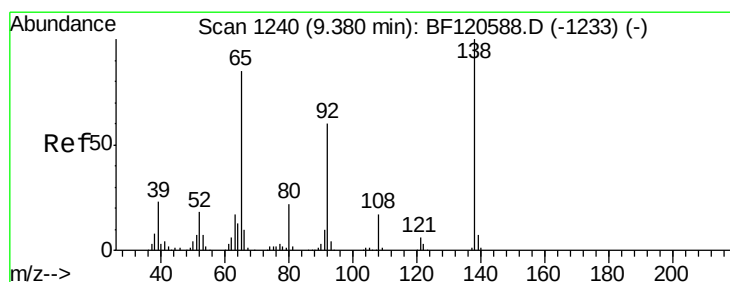
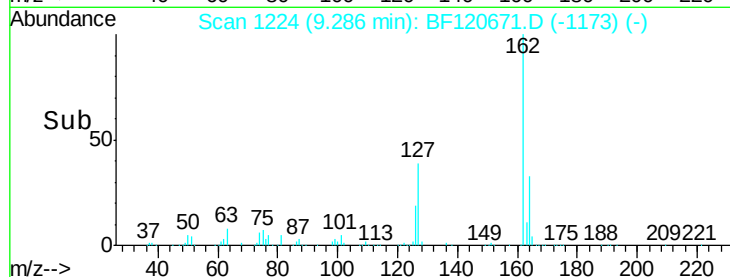
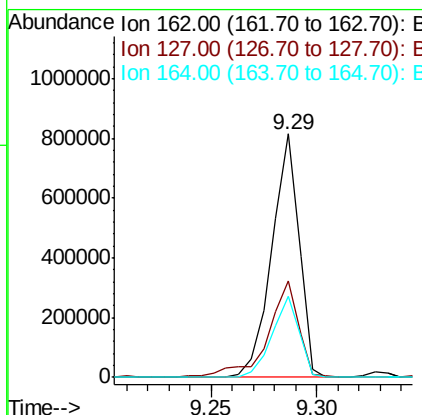
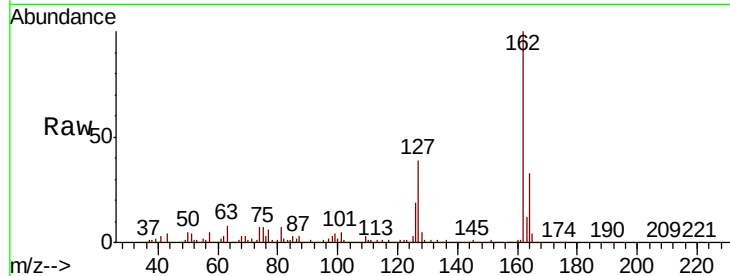
#47
2-Chloronaphthalene
Concen: 50.518 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.3	46.9
164	33.1	26.9	40.3

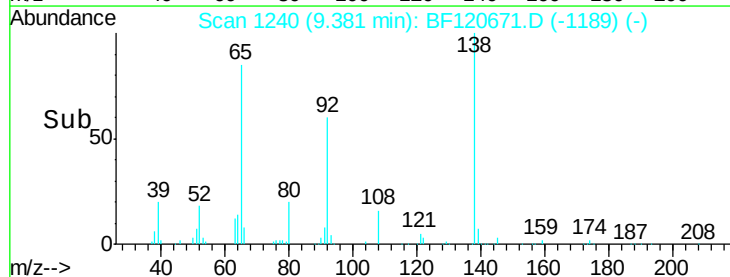
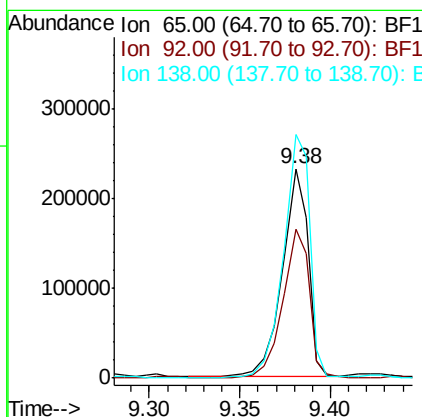
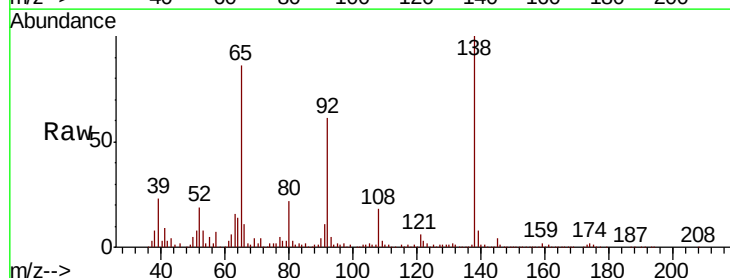
Manual Integrations
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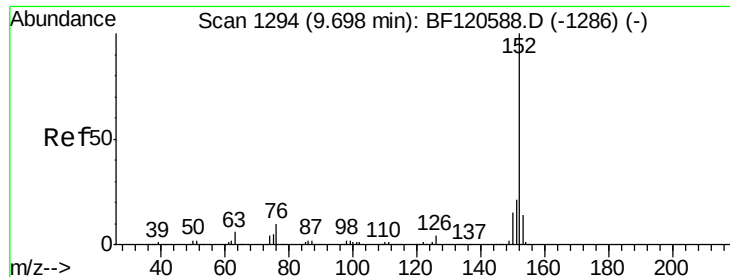
mohammad
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#48
2-Nitroaniline
Concen: 50.112 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	56.0	84.0
138	116.4	94.0	141.0





#49

Acenaphthylene

Concen: 45.698 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:152 Resp: 1023959

Ion Ratio Lower Upper

152 100

151 20.4 16.6 25.0

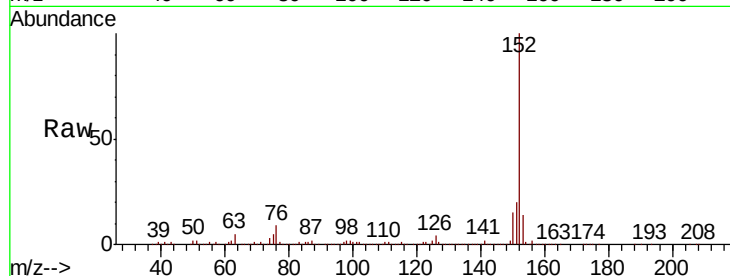
153 13.5 11.0 16.6

Manual Integrations

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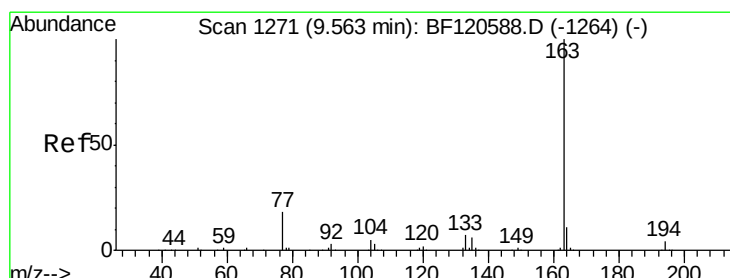
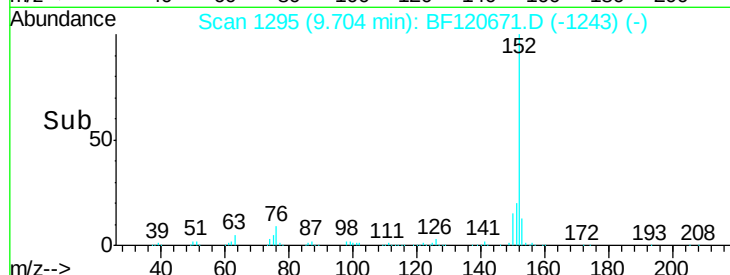
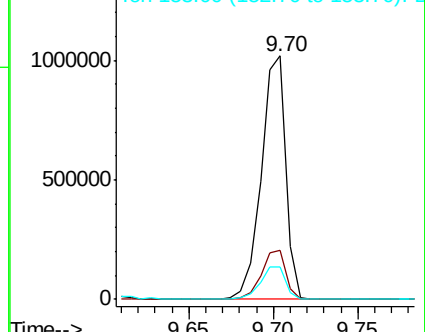
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 60.673 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

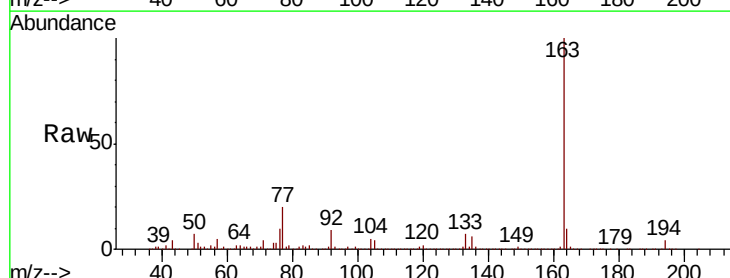
Tgt Ion:163 Resp: 1038996

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

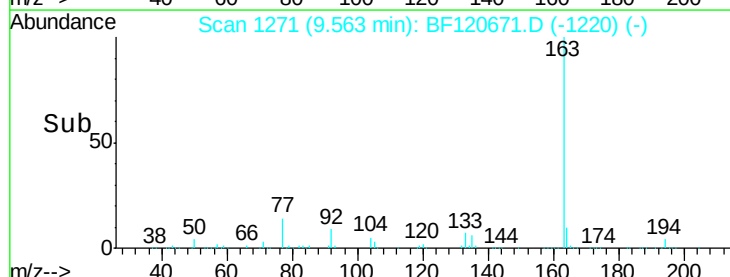
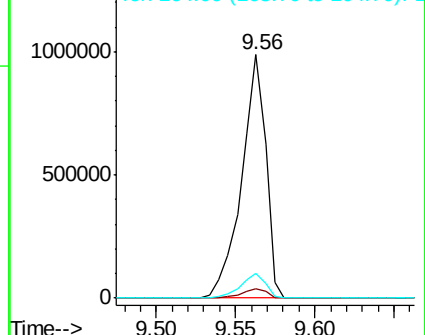
164 10.1 8.5 12.7

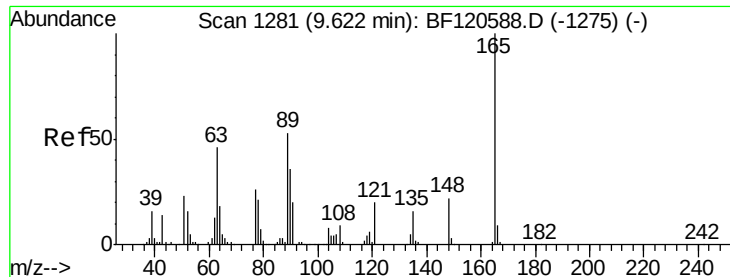


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





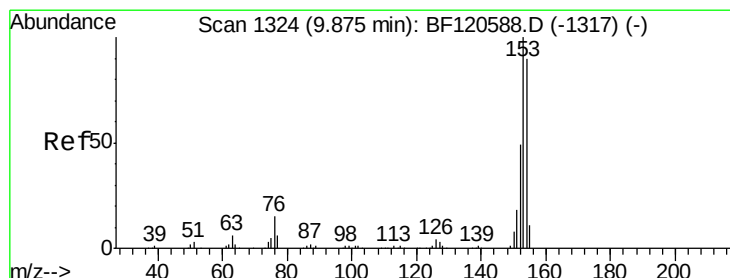
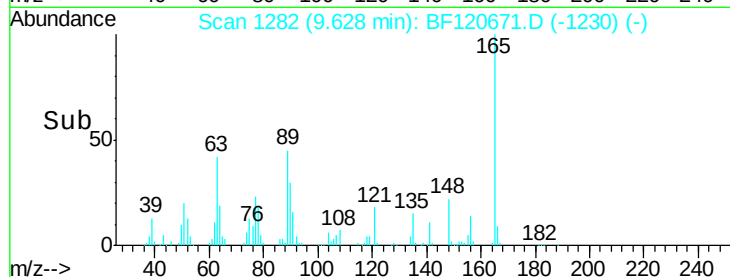
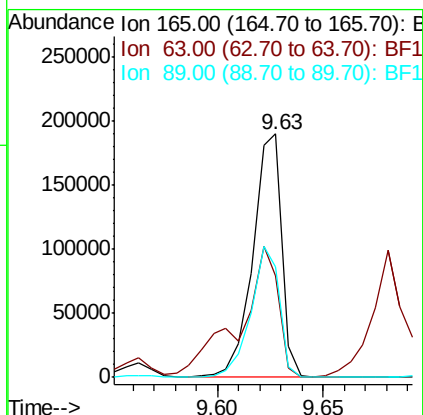
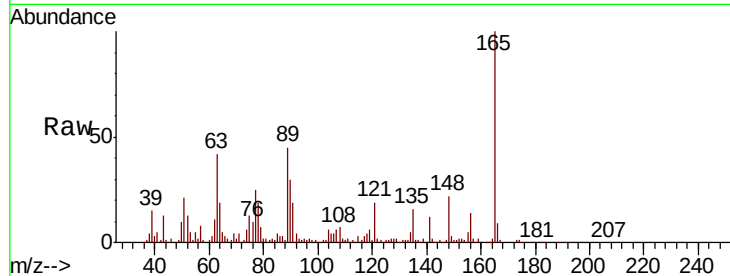
#51
 2,6-Dinitrotoluene
 Concen: 46.249 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	179488		
63	41.8		41.7	62.5
89	45.3		42.6	64.0

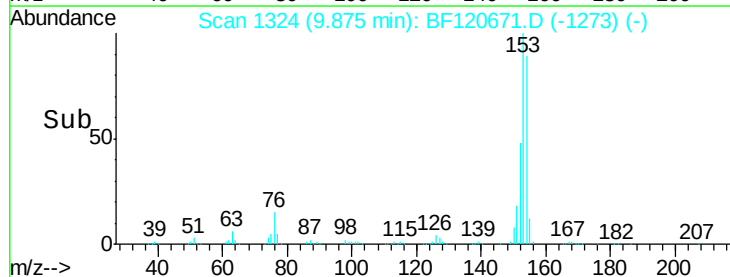
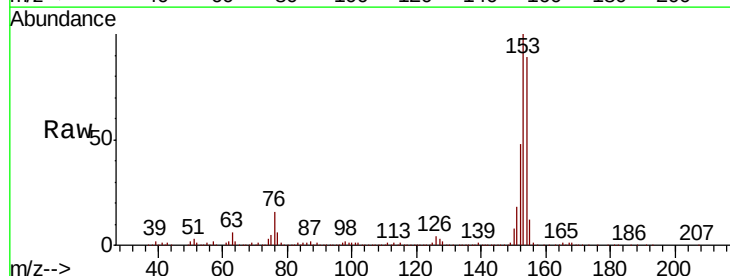
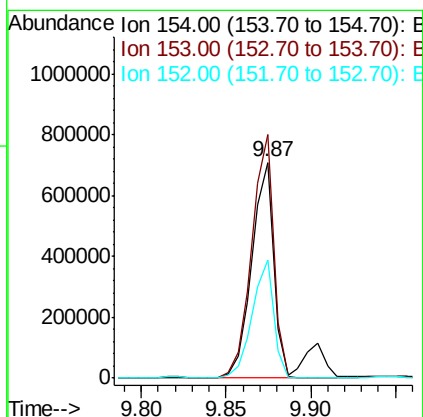
Manual Integrations
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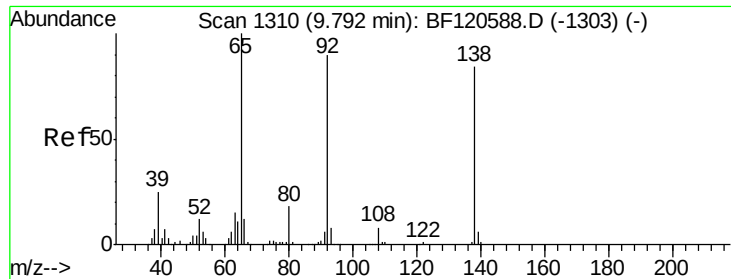
mohammad
 6/22/2020 3:24:53 PM



#52
 Acenaphthene
 Concen: 54.573 ng m
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	729283		
153	112.8		89.1	133.7
152	54.5		43.7	65.5





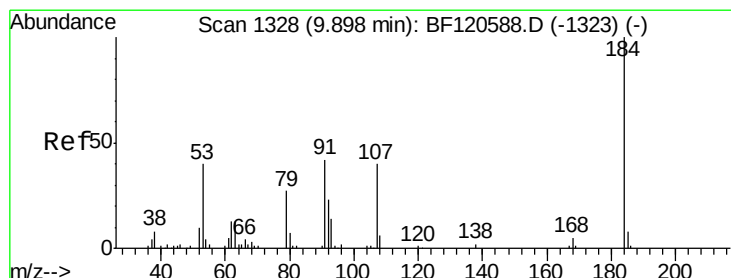
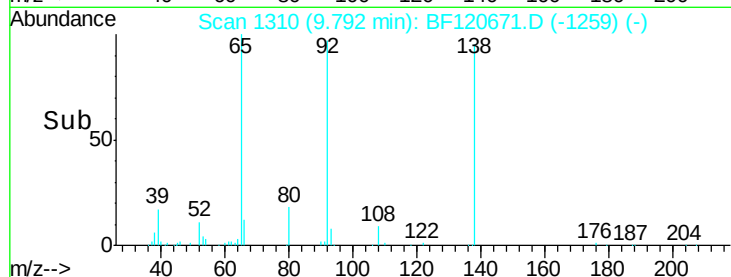
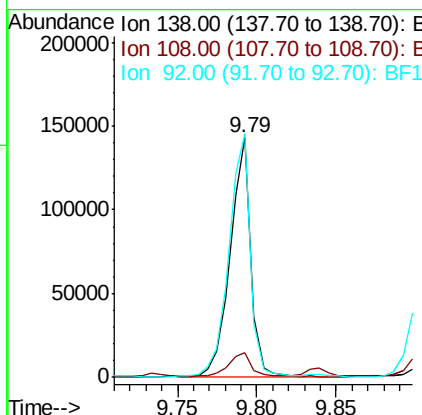
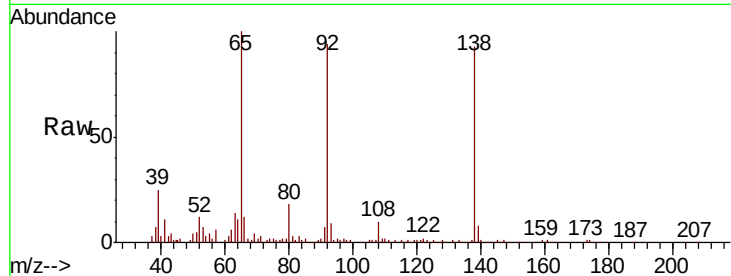
#53
3-Nitroaniline
Concen: 27.463 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.0	12.0
92	101.7	86.0	129.0

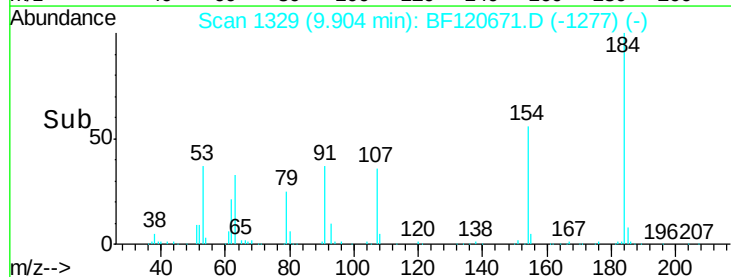
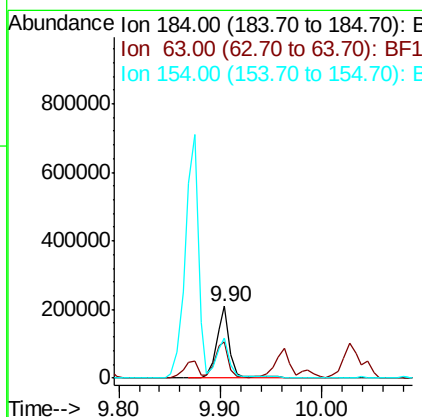
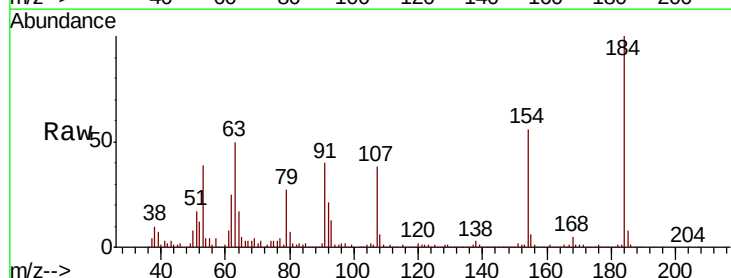
Manual Integrations
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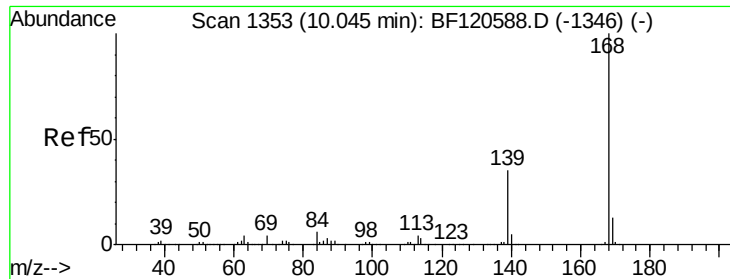
mohammad
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#54
2,4-Dinitrophenol
Concen: 81.827 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.9	44.2	66.2
154	56.1	45.9	68.9





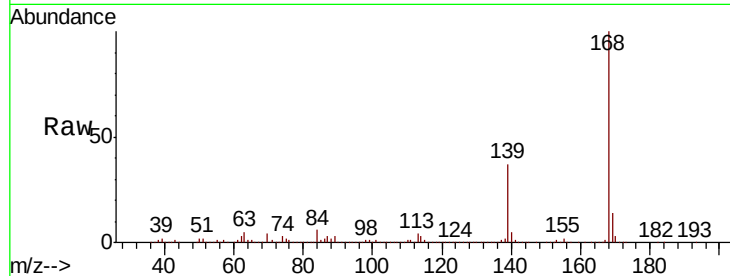
#55
Dibenzofuran
Concen: 46.120 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	28.1	42.1
169	14.0	10.6	16.0

Manual Integrations
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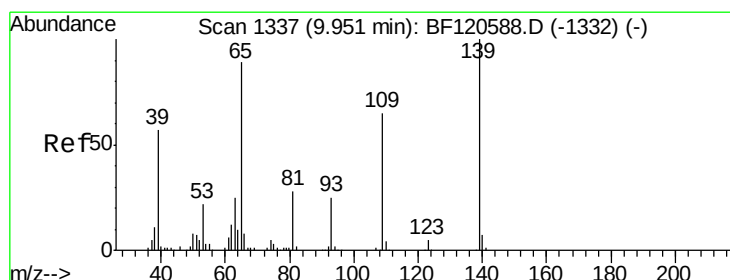
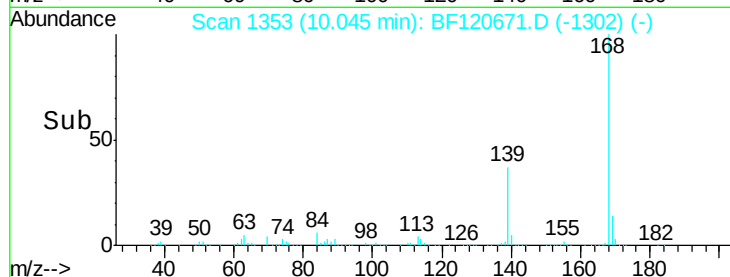
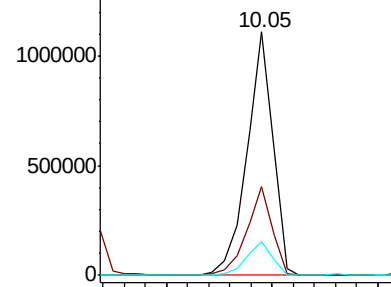


Abundance

Ion 168.00 (167.70 to 168.70): E

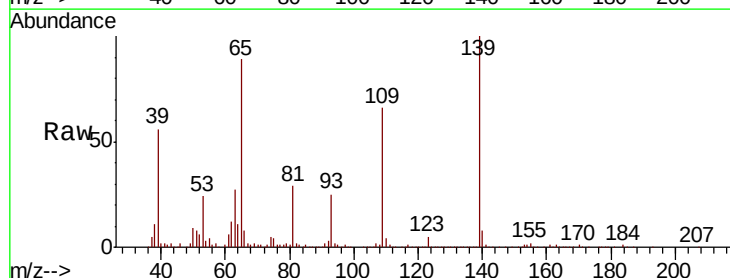
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 93.676 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	44.6	84.6
65	89.5	69.2	109.2

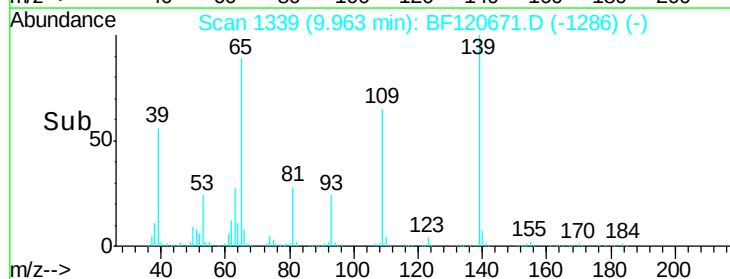
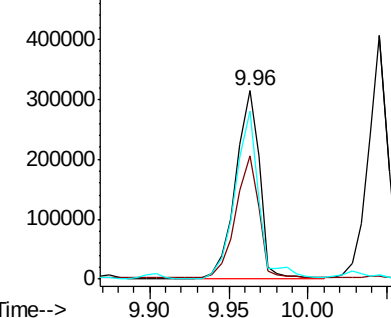


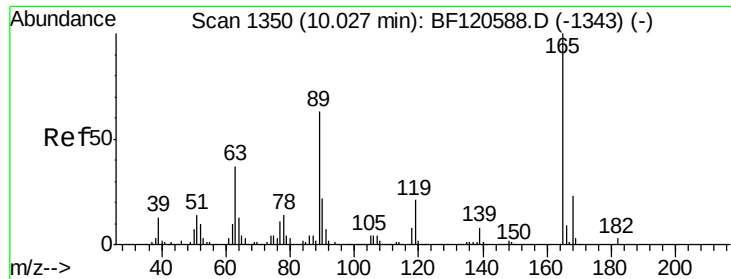
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





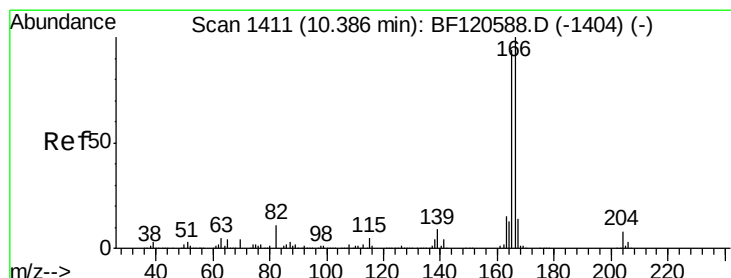
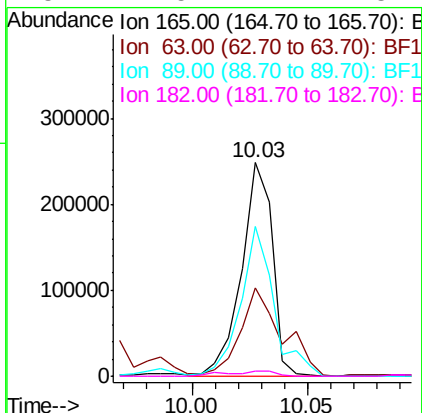
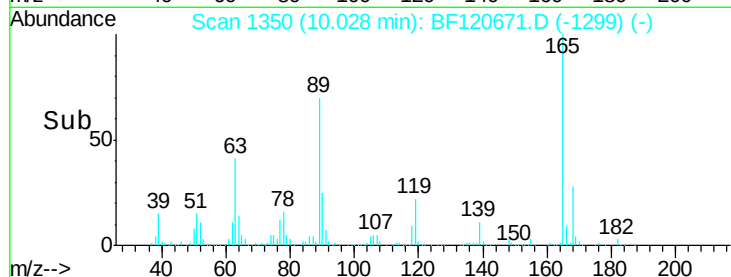
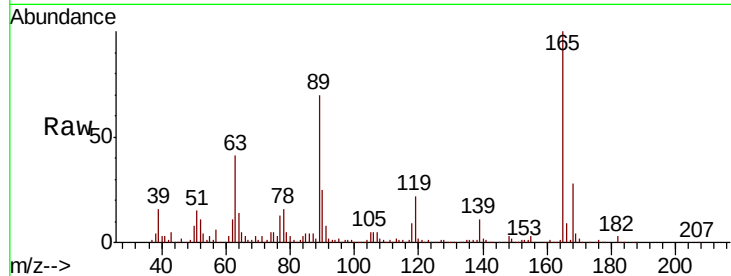
#57
 2,4-Dinitrotoluene
 Concen: 45.063 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		232059		
63	41.4	29.8	44.8		
89	70.0	50.4	75.6		
182	2.5	2.1	3.1		

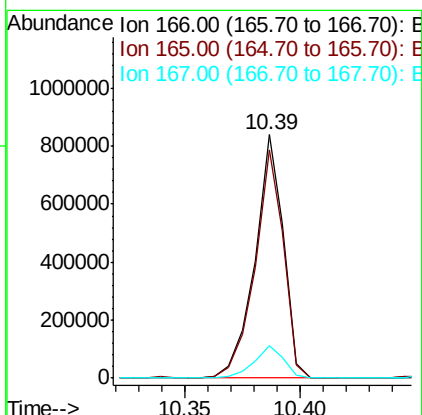
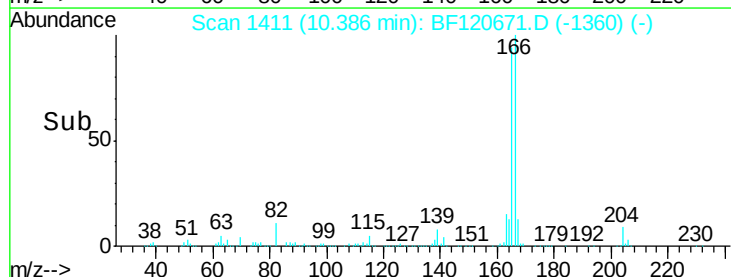
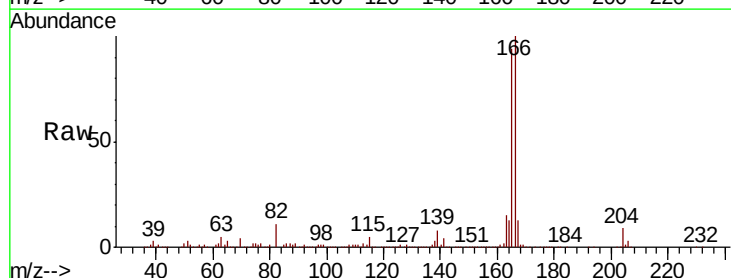
Manual Integrations
 APPROVED

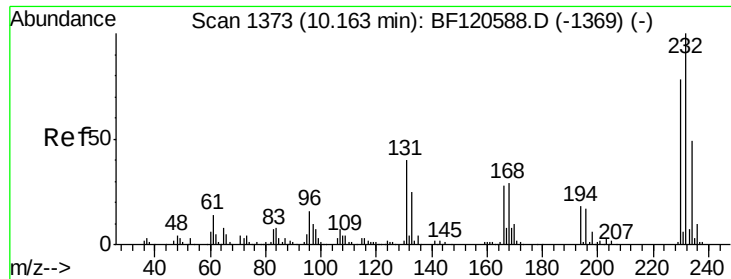
mohammad
 6/22/2020 3:24:53 PM



#58
 Fluorene
 Concen: 45.579 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		719962		
165	93.8	75.0	112.6		
167	13.4	11.0	16.4		





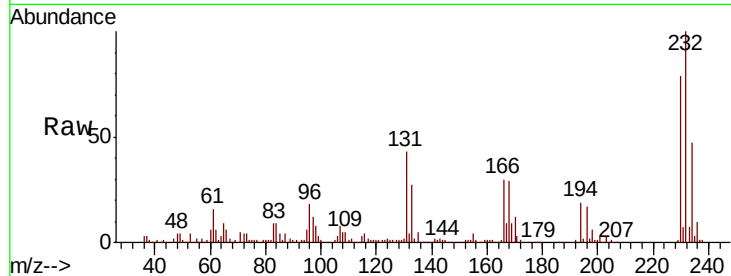
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.116 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

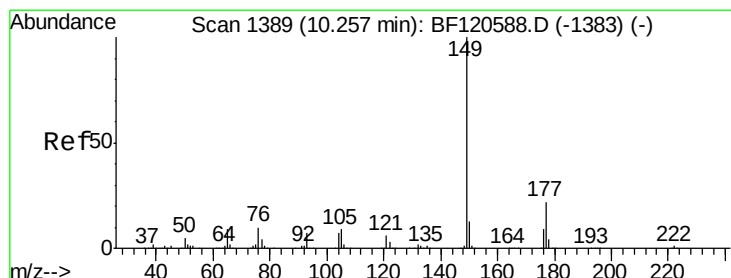
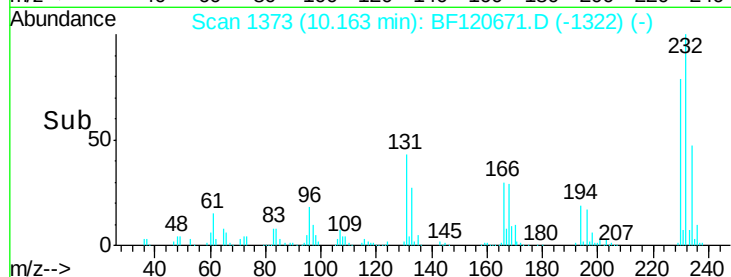
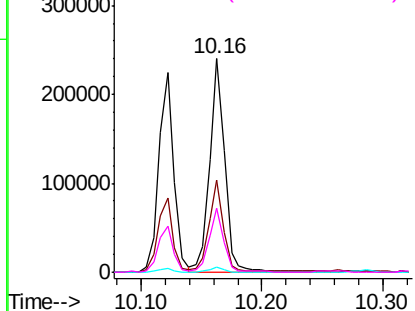
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	33.5	50.3
130	2.1	1.5	2.3
166	28.7	23.4	35.0

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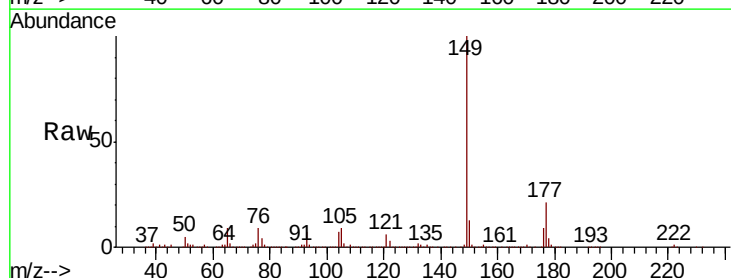


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

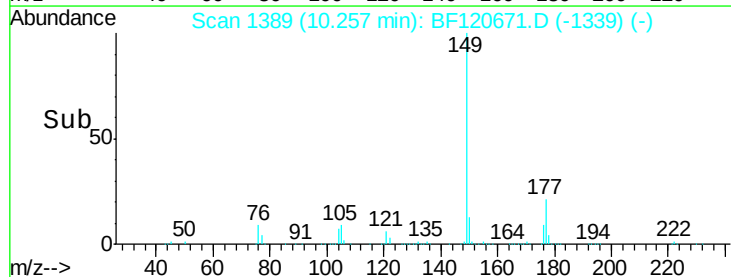
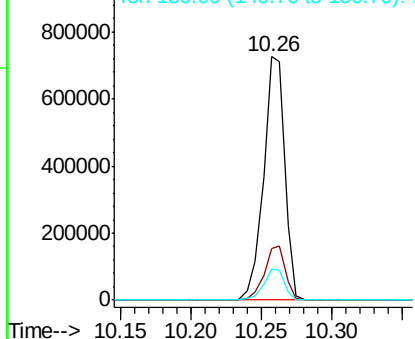


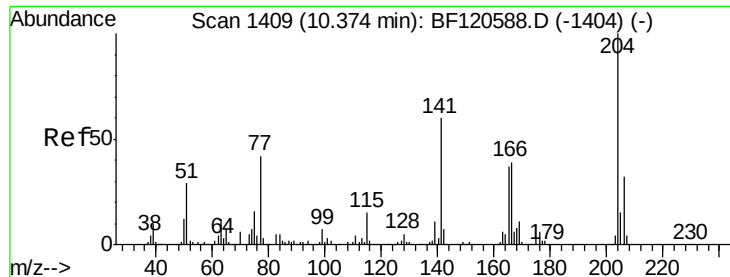
#60
Diethylphthalate
Concen: 45.831 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.3	25.9
150	12.7	10.3	15.5



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





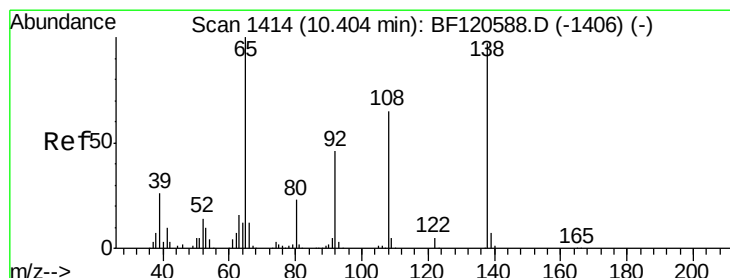
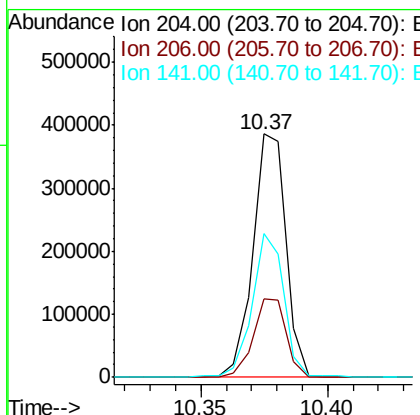
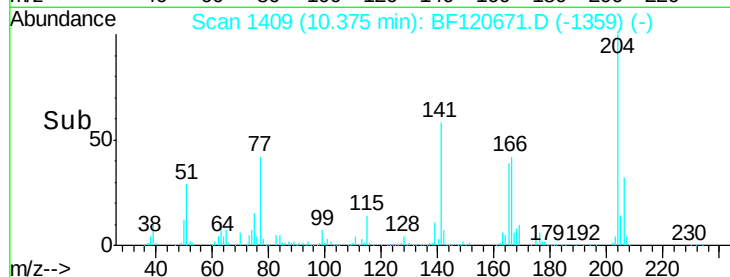
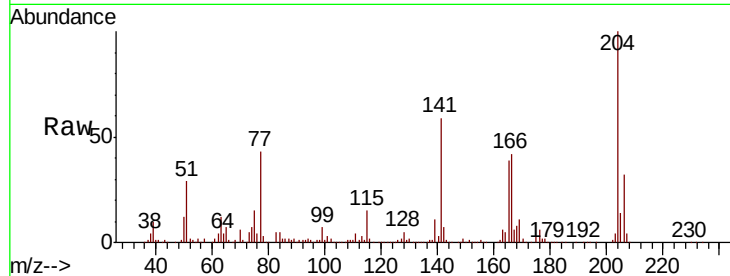
#61
4-Chlorophenyl-phenylether
Concen: 42.857 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.9	38.9
141	58.8	47.6	71.4

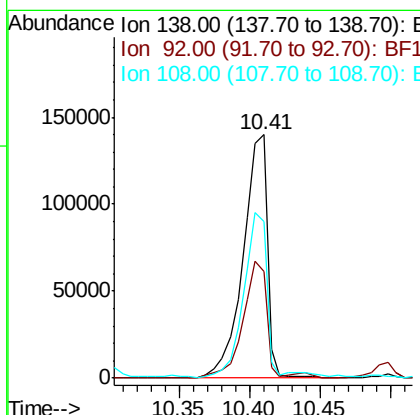
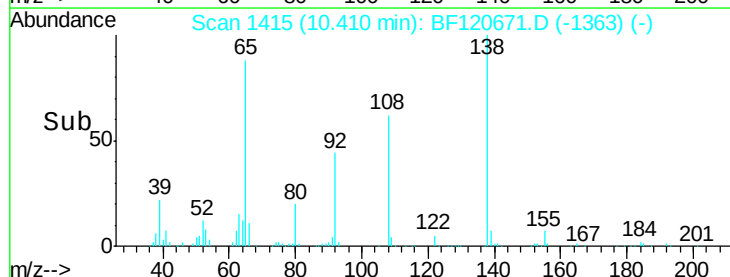
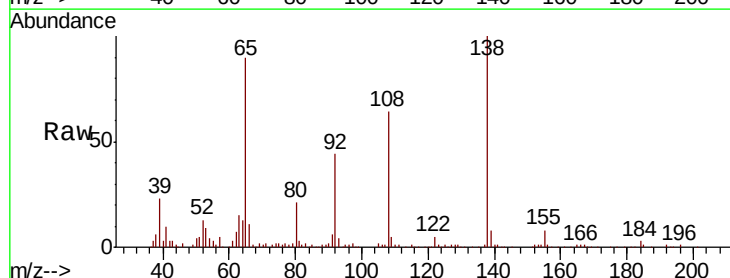
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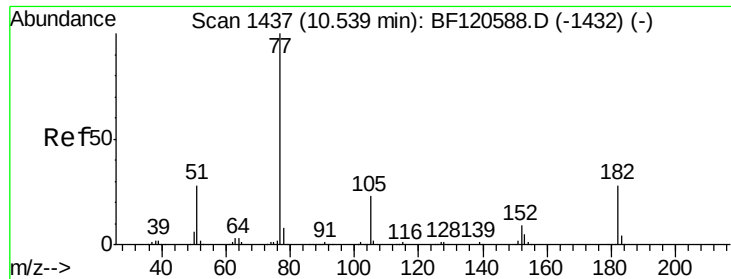
mohammad
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#62
4-Nitroaniline
Concen: 36.450 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.7	27.3	67.3
108	64.2	47.4	87.4





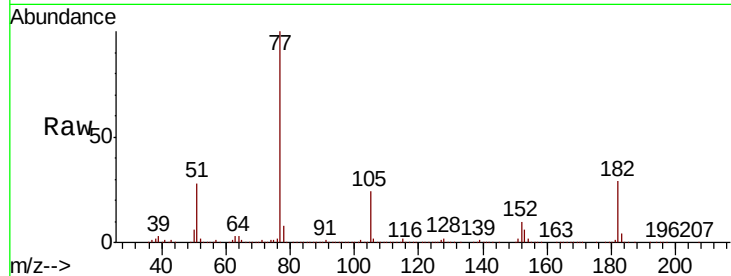
#63
Azobenzene
Concen: 43.650 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

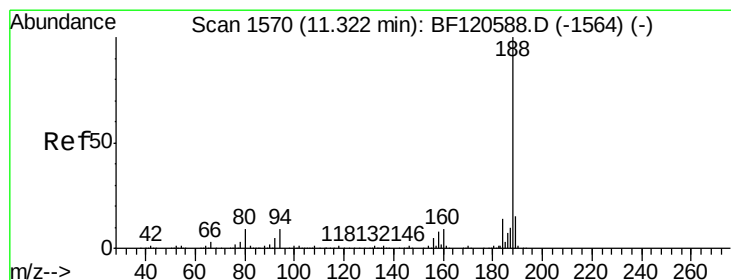
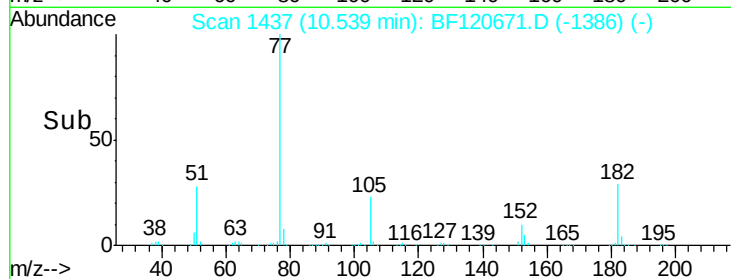
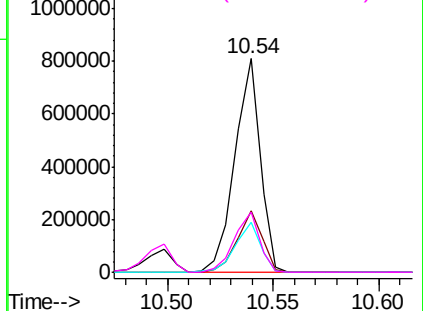
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		668258		
182	28.9	7.7	47.7		
105	23.6	3.2	43.2		
51	28.5	8.5	48.5		

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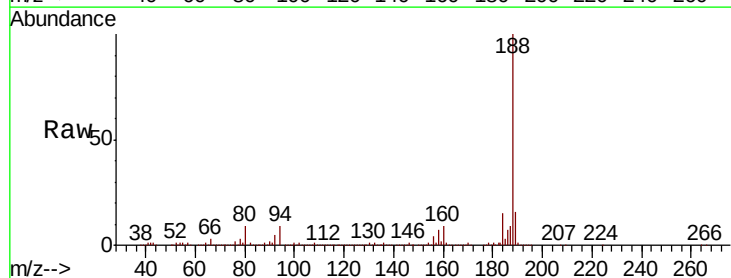


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

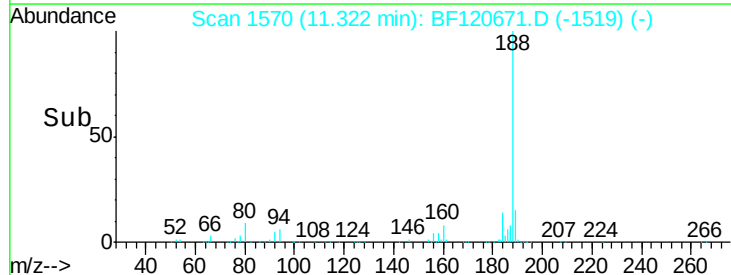
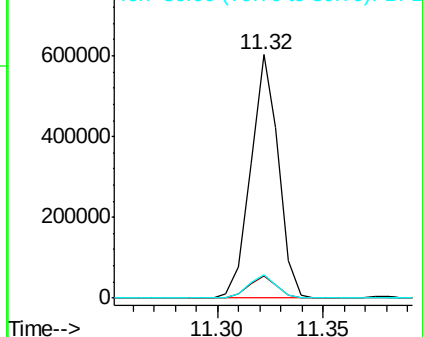


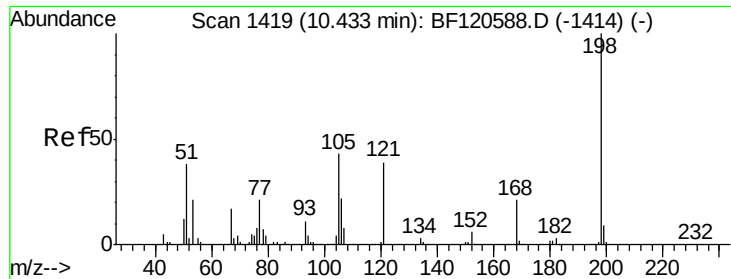
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		546616		
94	9.3	7.2	10.8		
80	9.5	7.4	11.2		



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





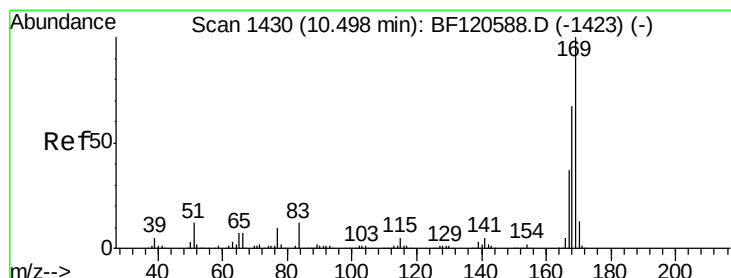
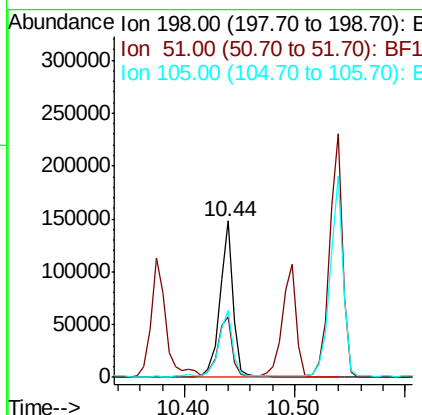
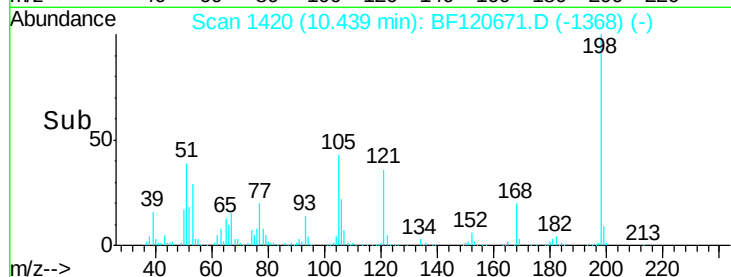
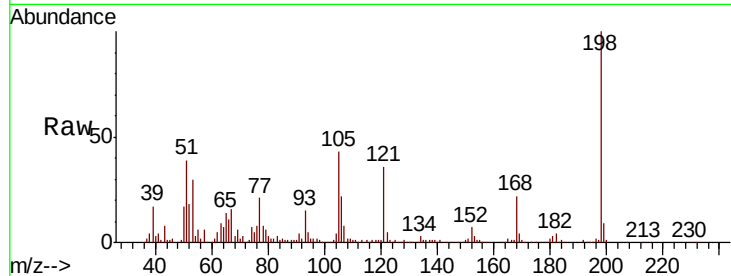
#65
4,6-Dinitro-2-methylphenol
Concen: 37.546 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	123146		
51	39.0	24.8	64.8	
105	43.2	23.9	63.9	

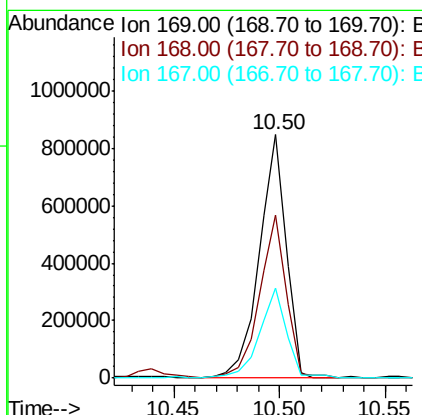
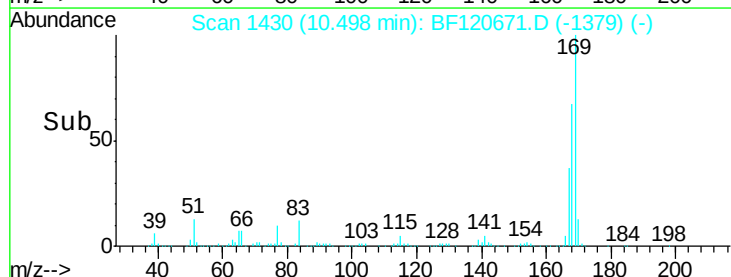
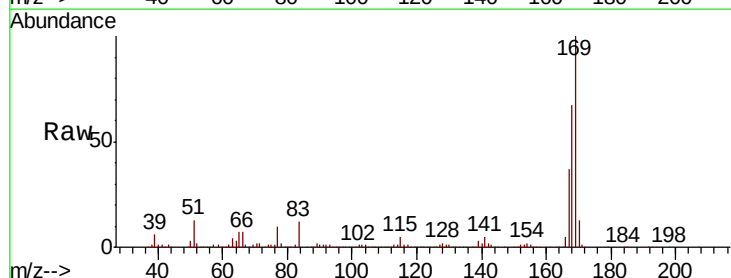
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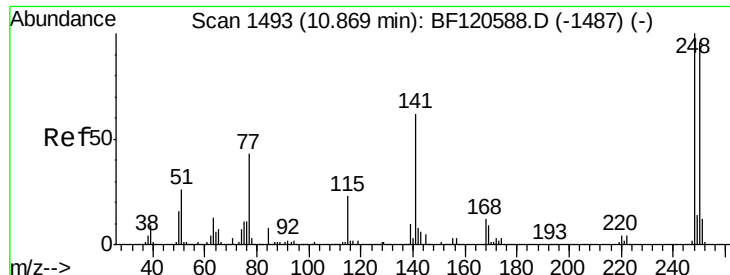
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#66
n-Nitrosodiphenylamine
Concen: 44.388 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	745110		
168	66.8	53.7	80.5	
167	37.0	29.9	44.9	





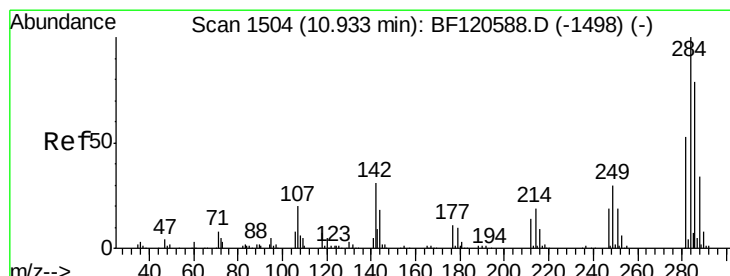
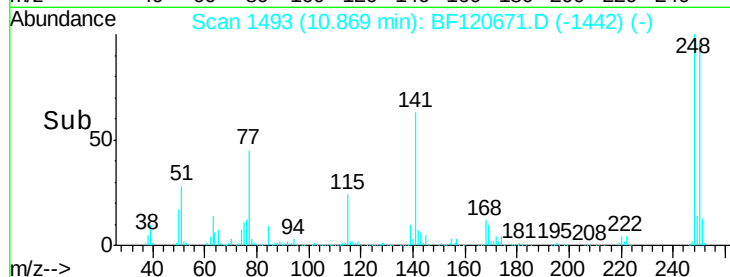
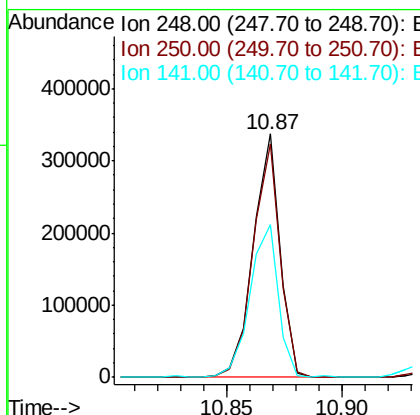
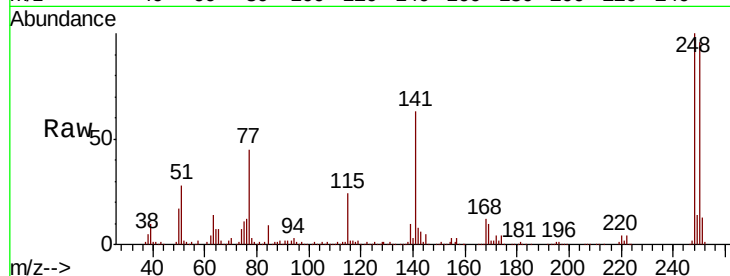
#67
4-Bromophenyl-phenylether
Concen: 44.176 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.7	115.1
141	62.9	49.4	74.0

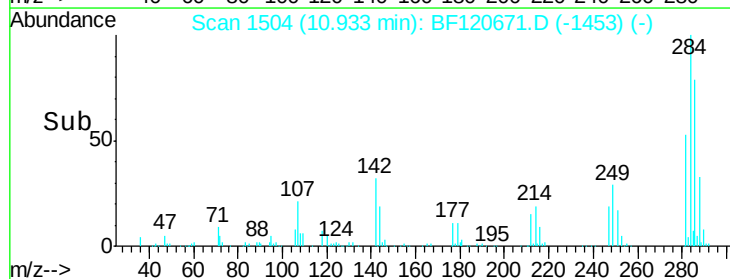
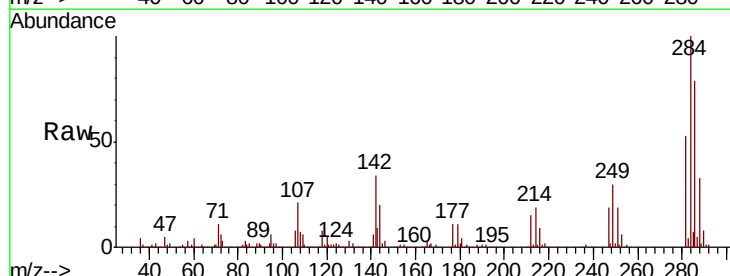
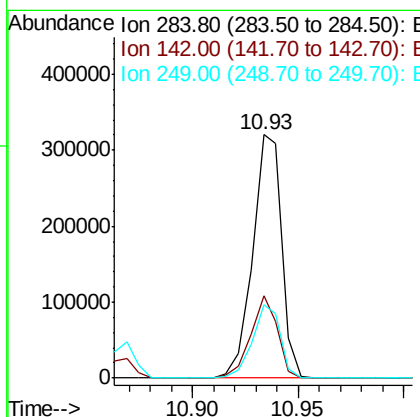
Manual Integrations
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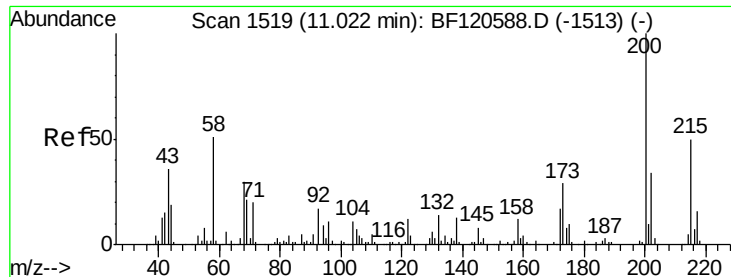
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#68
Hexachlorobenzene
Concen: 45.837 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	25.1	37.7
249	30.1	24.0	36.0





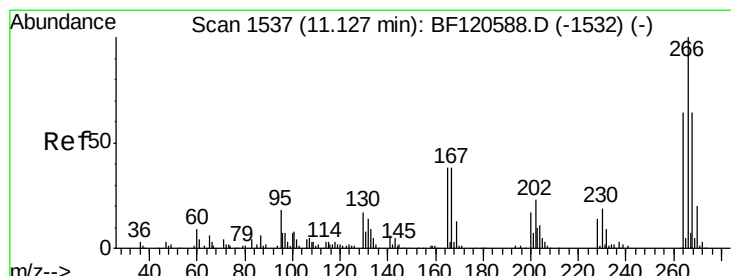
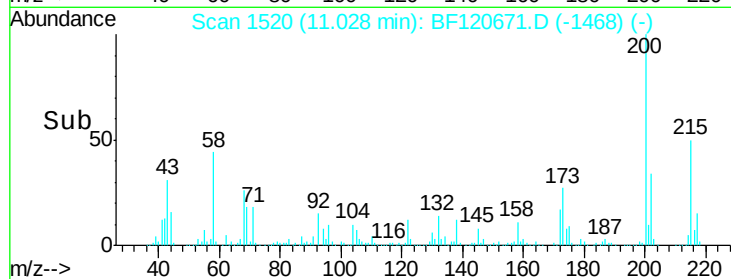
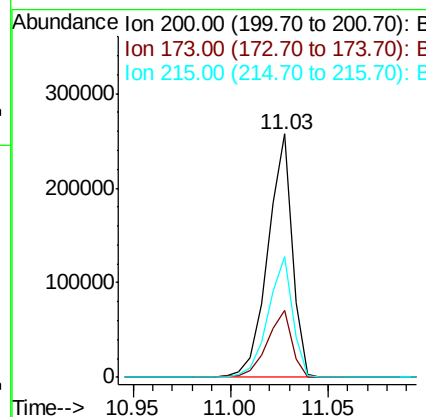
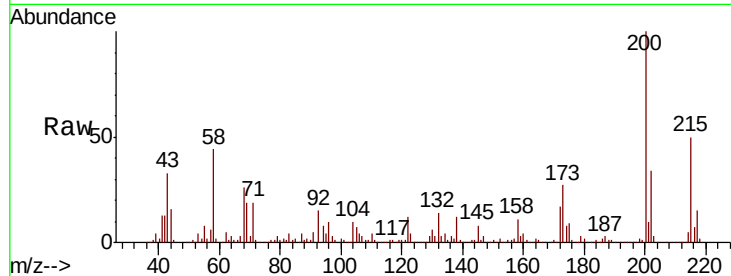
#69
Atrazine
Concen: 42.892 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	9.1	49.1
215	49.7	29.8	69.8

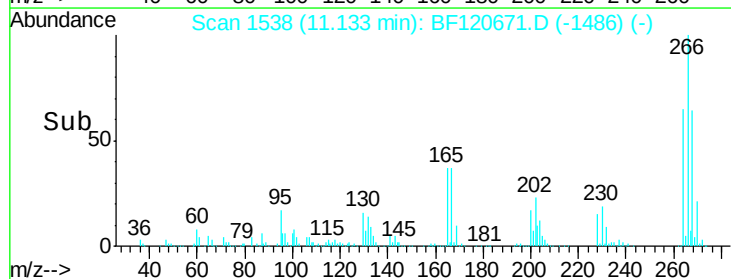
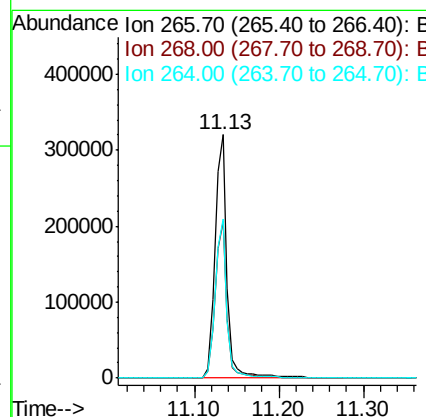
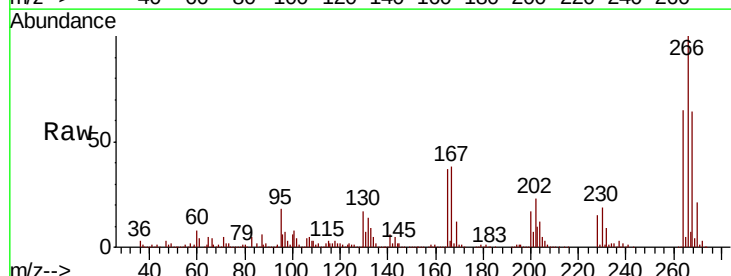
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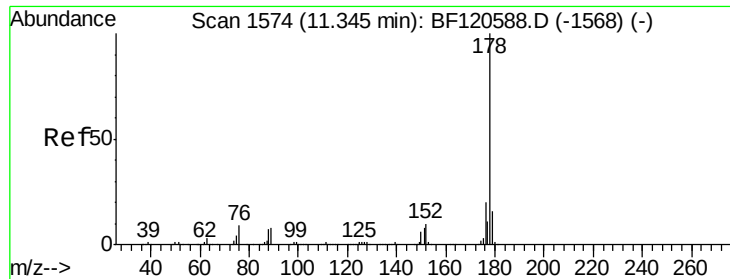
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#70
Pentachlorophenol
Concen: 87.318 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.4	77.0
264	65.2	50.8	76.2





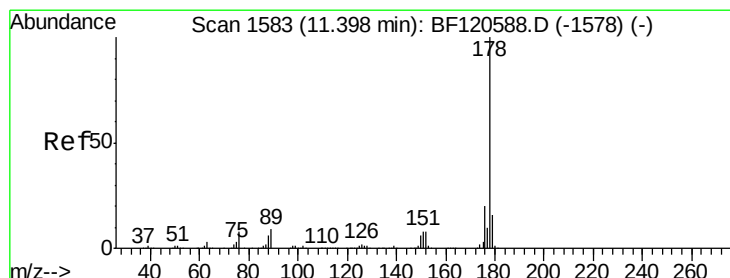
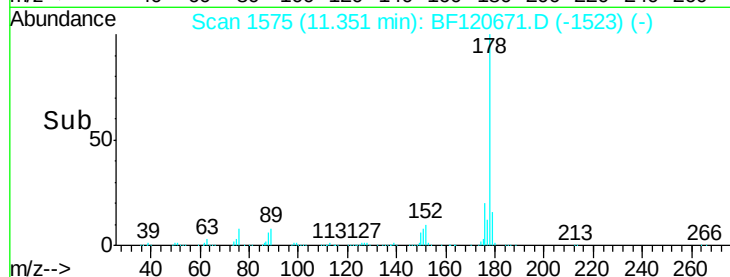
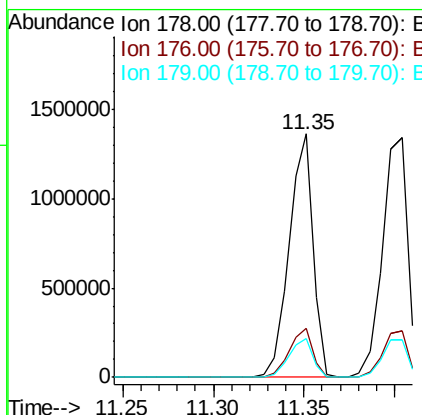
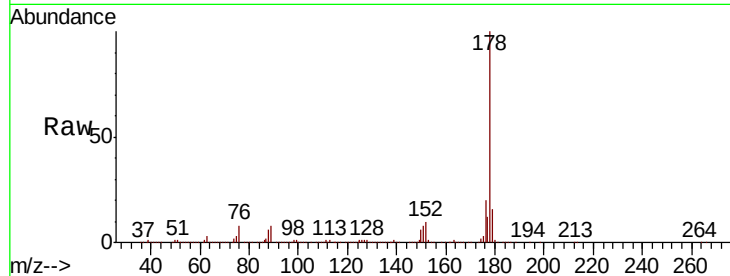
#71
Phenanthrene
Concen: 46.369 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion:178 Resp: 1259943
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.9 12.8 19.2

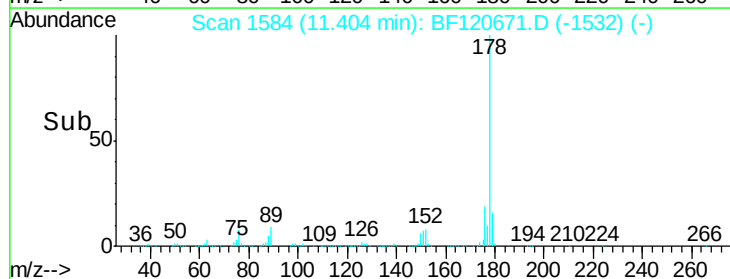
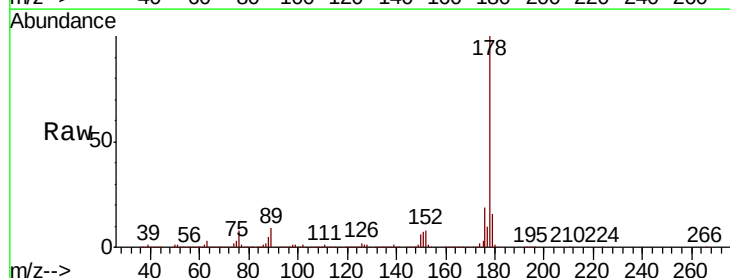
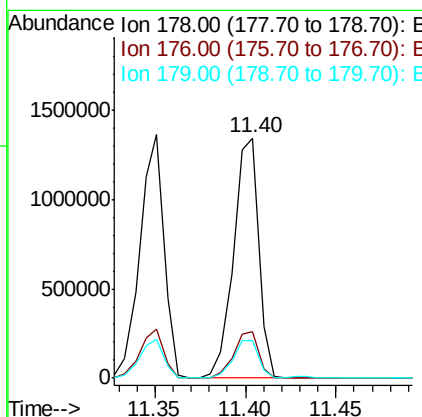
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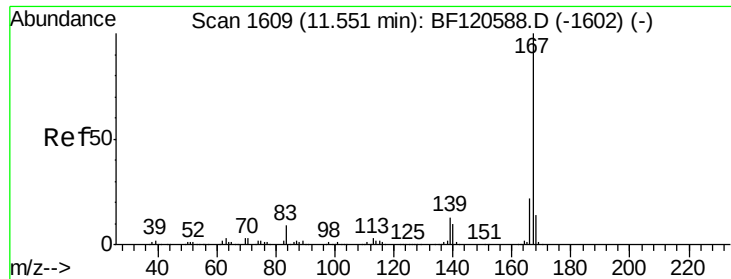
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#72
Anthracene
Concen: 47.545 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:178 Resp: 1302192
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.8 12.9 19.3





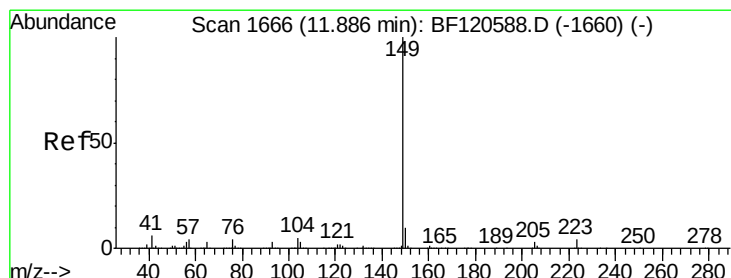
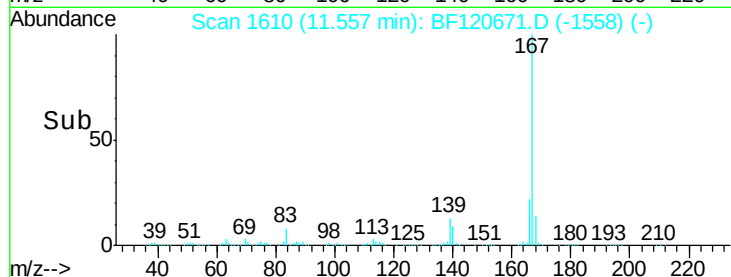
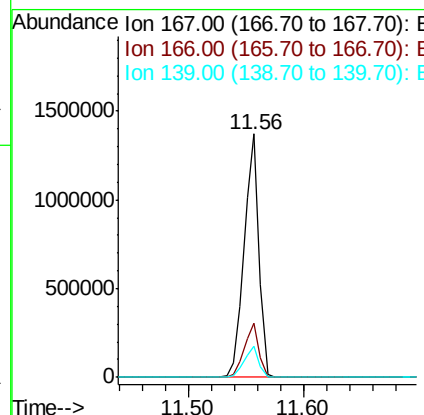
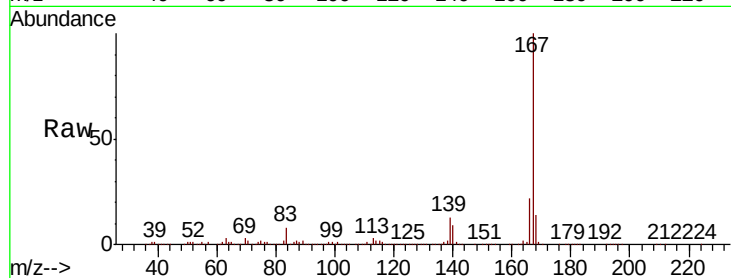
#73
 Carbazole
 Concen: 44.609 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	12.7	10.1	15.1

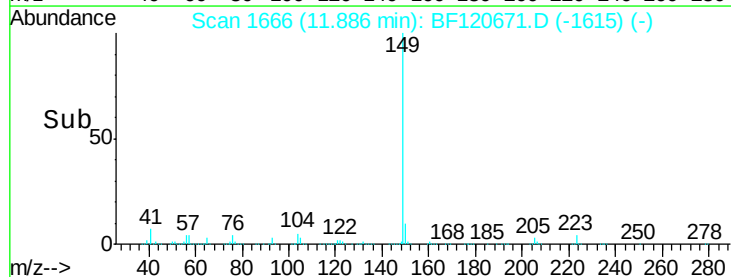
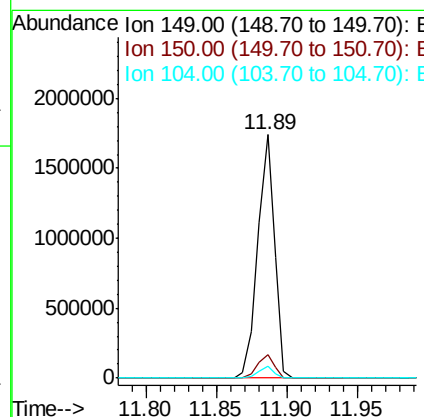
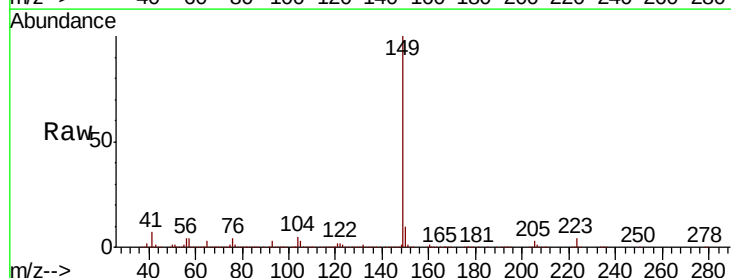
Manual Integrations
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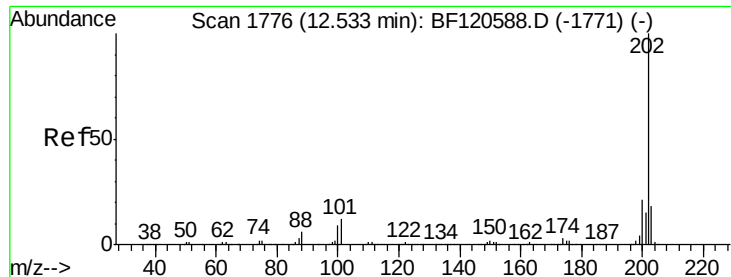
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.153 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 45.620 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

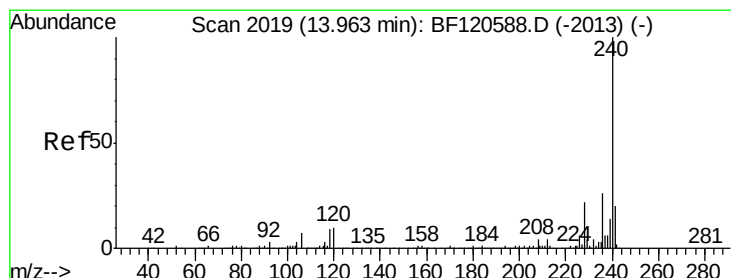
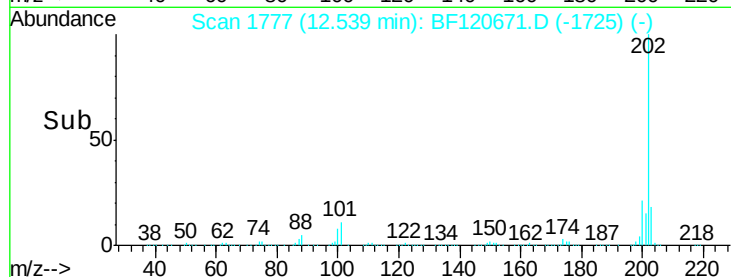
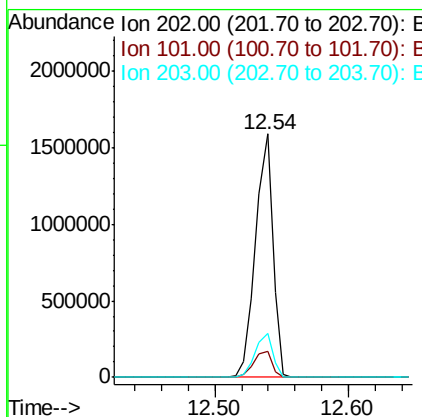
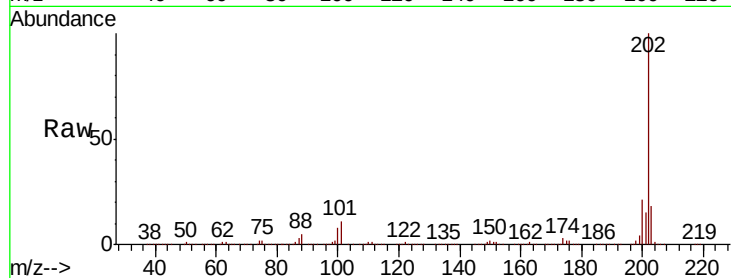
ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.7	0.0	32.0		
203	18.1	0.0	38.3		

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#76

Chrysene-d12

Concen: 20.000 ng

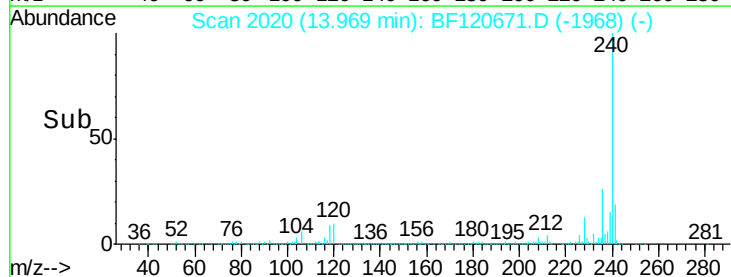
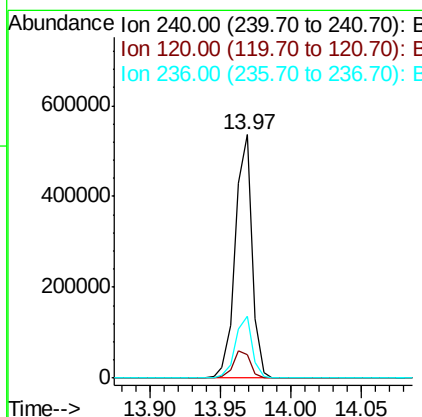
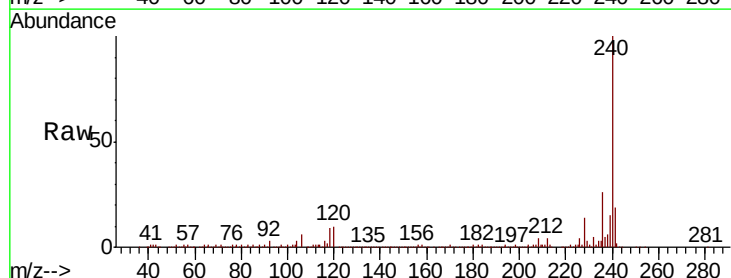
RT: 13.97 min Scan# 2020

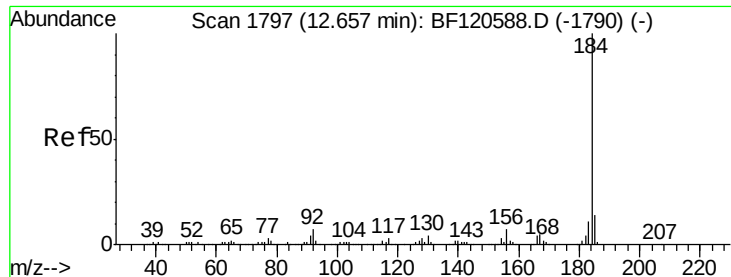
Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	9.5	8.3	12.5		
236	25.6	21.0	31.4		





#77

Benzidine

Concen: 43.629 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

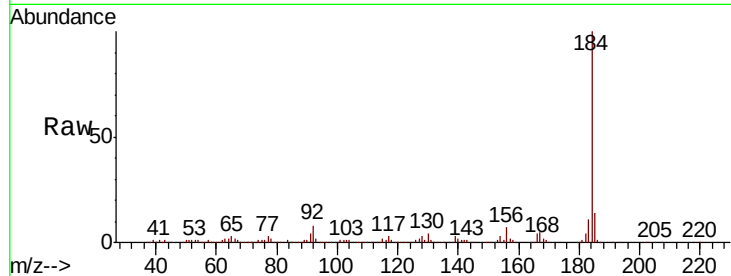
ClientSampleId :

MW-27(16.5-18.5)MS

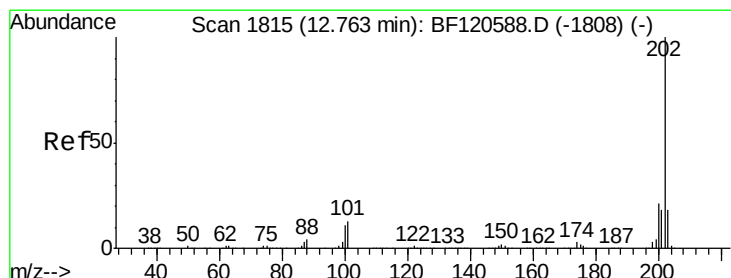
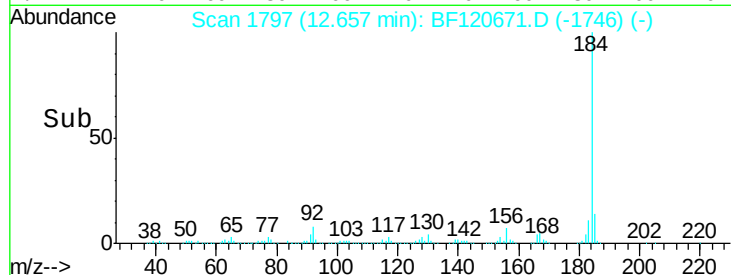
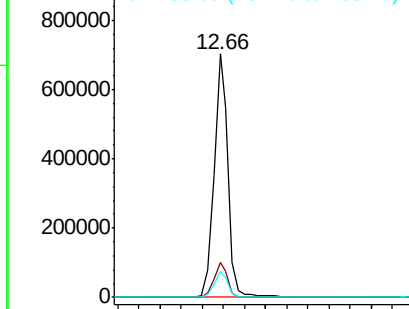
Tot Ion:	184	Resp:	653969
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.4	17.0
183	10.9	9.0	13.6

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



#78

Pyrene

Concen: 45.843 ng

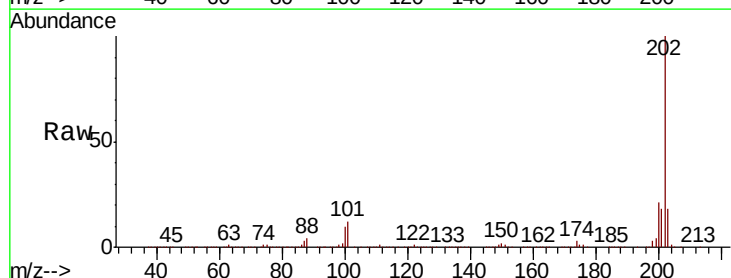
RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

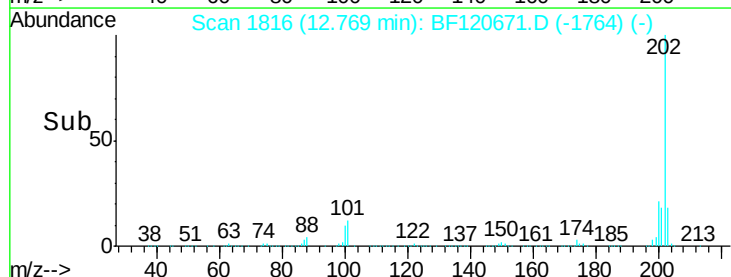
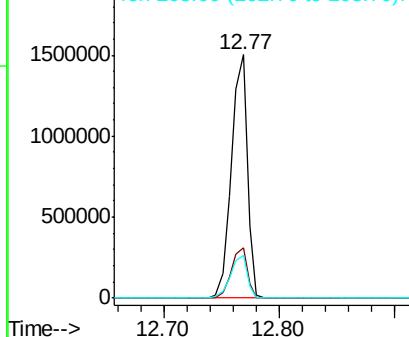
Lab File: BF120671.D

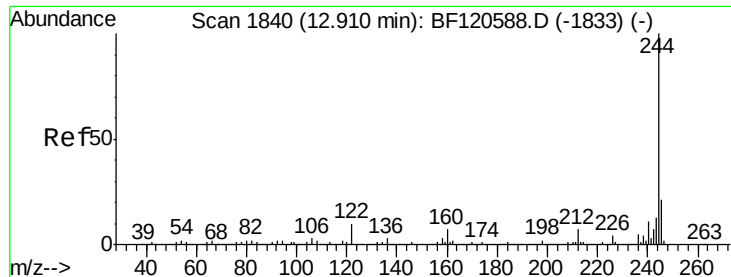
Acq: 19 Jun 2020 18:48

Tgt Ion:	202	Resp:	1439388
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.8	25.2
203	17.6	14.3	21.5



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





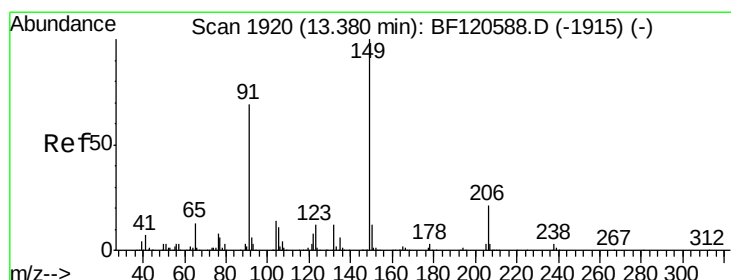
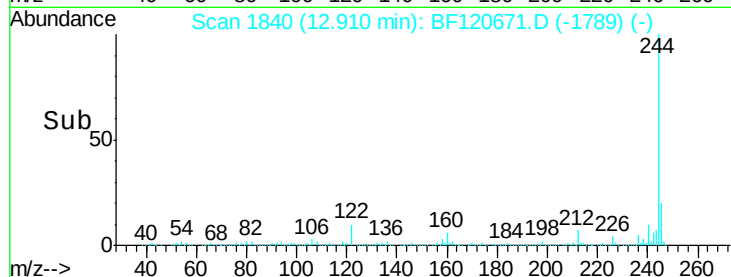
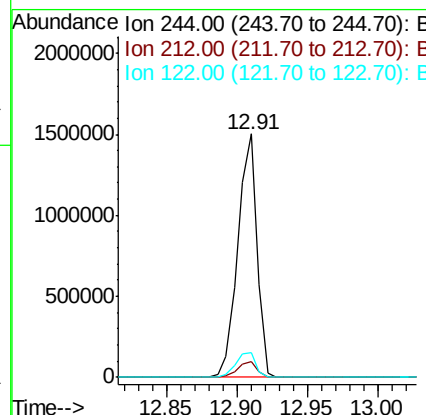
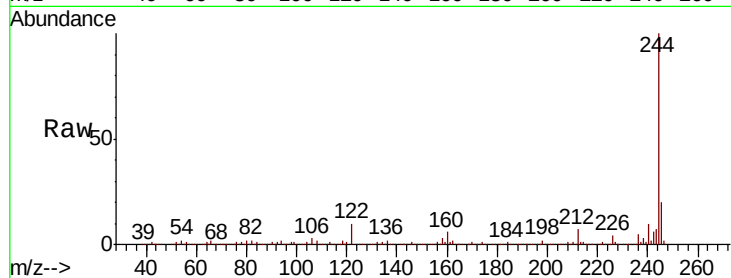
#79
 Terphenyl-d14
 Concen: 70.537 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	10.1	8.3	12.5

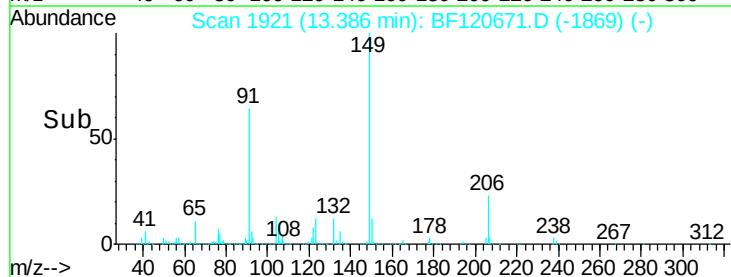
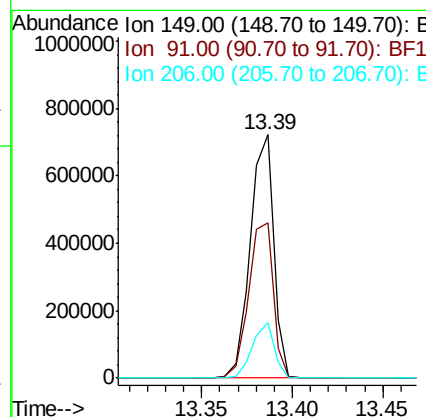
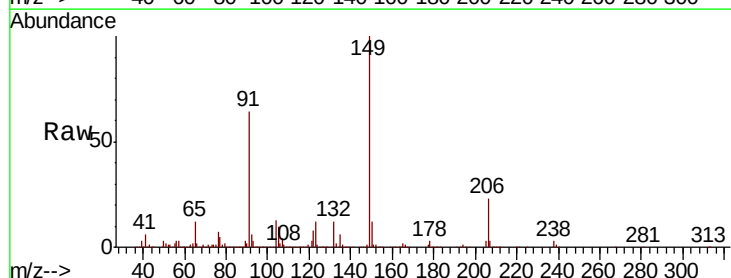
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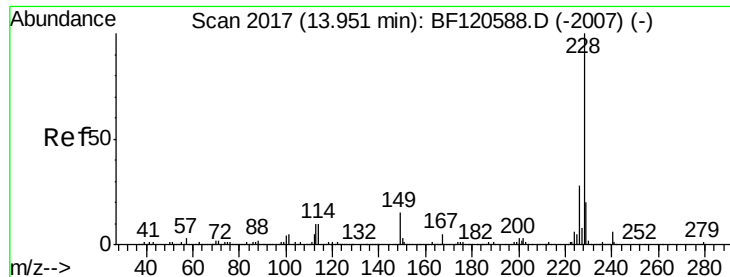
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#80
 Butylbenzylphthalate
 Concen: 46.471 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.9	55.4	83.0
206	22.7	17.0	25.4





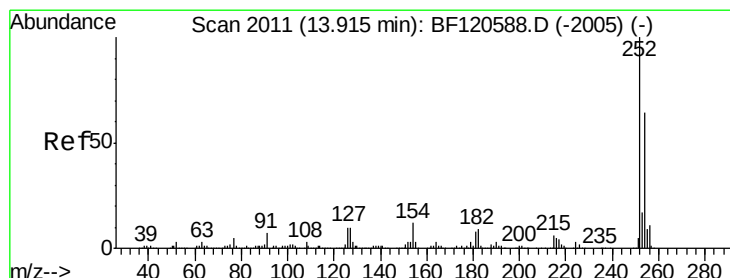
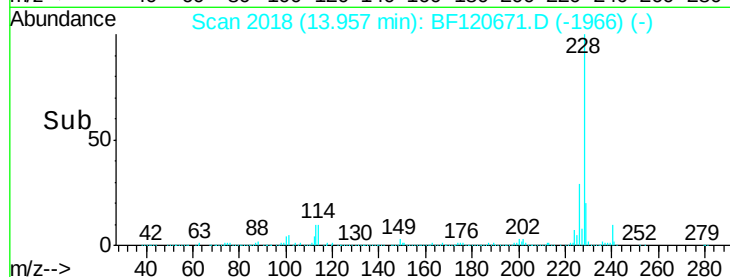
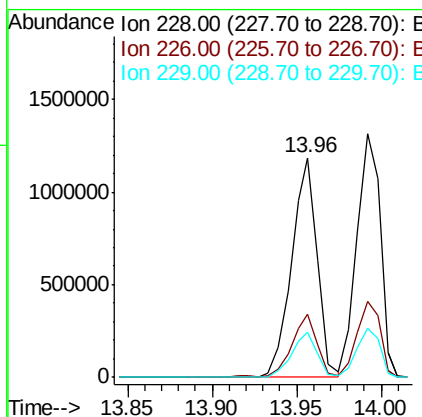
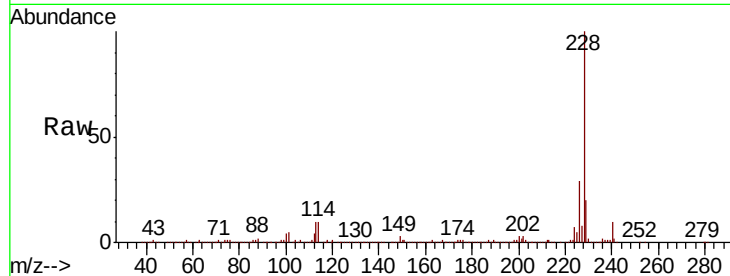
#81
Benzo(a)anthracene
Concen: 46.836 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	20.4	16.1	24.1

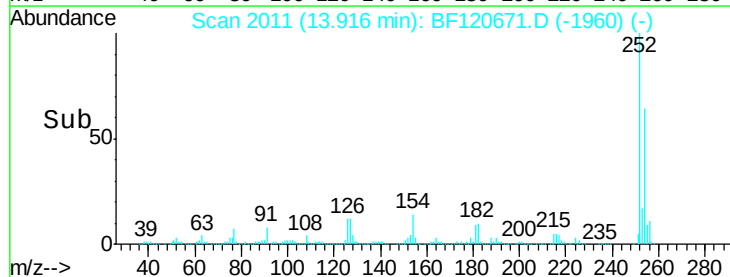
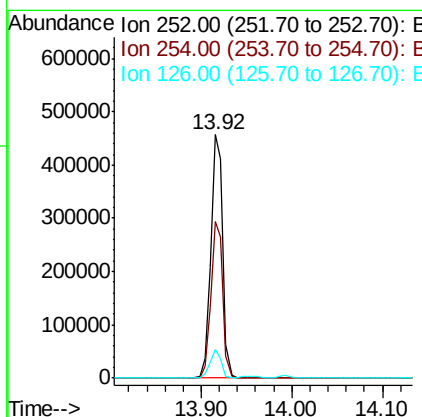
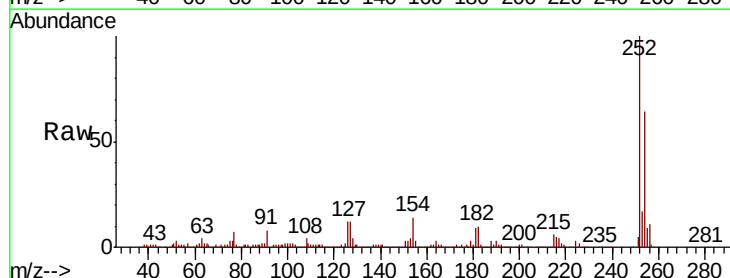
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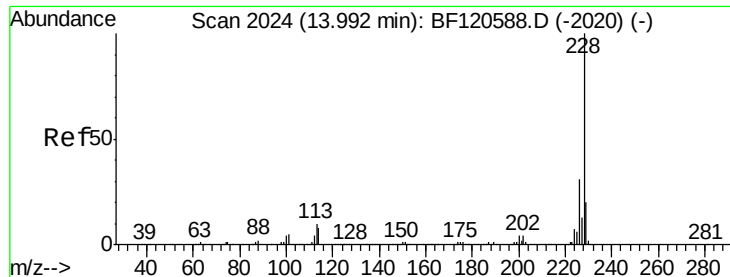
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#82
3,3'-Dichlorobenzidine
Concen: 41.515 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	11.7	7.9	11.9





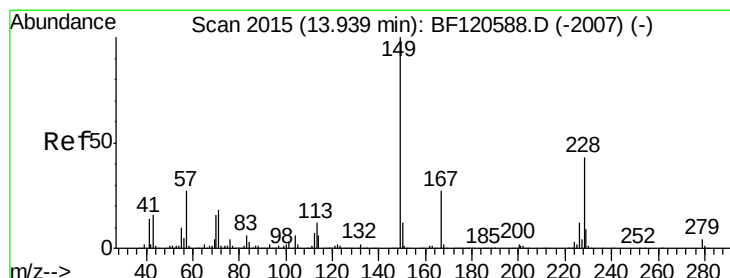
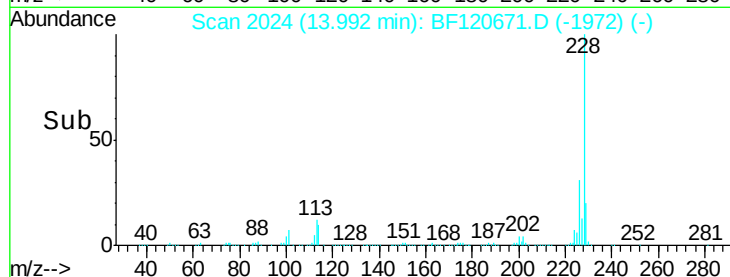
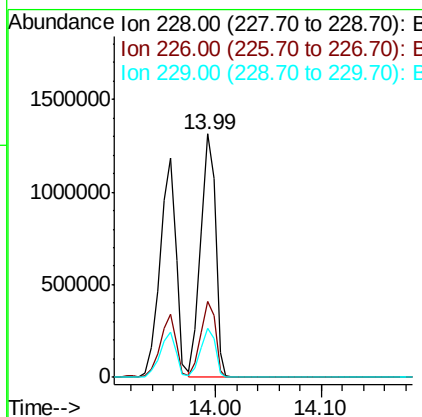
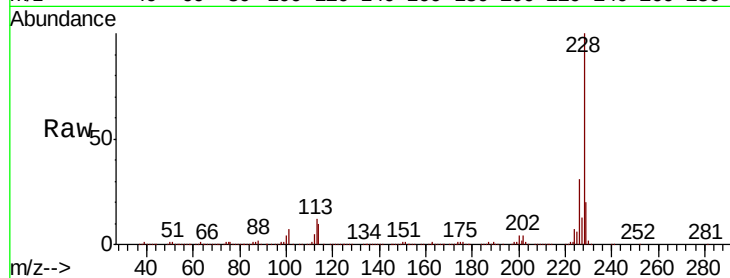
#83
Chrysene
Concen: 46.353 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.2	16.1	24.1

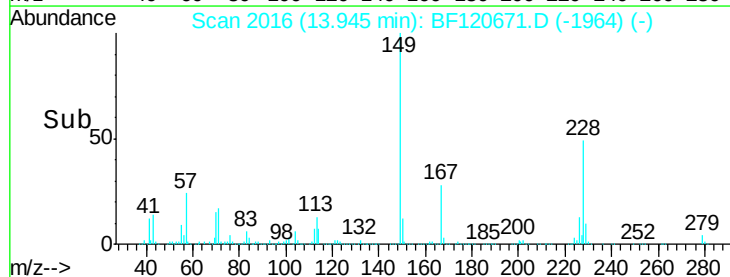
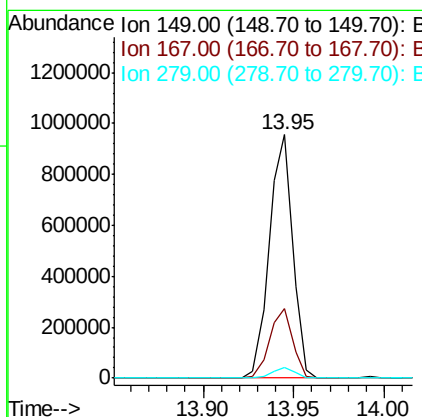
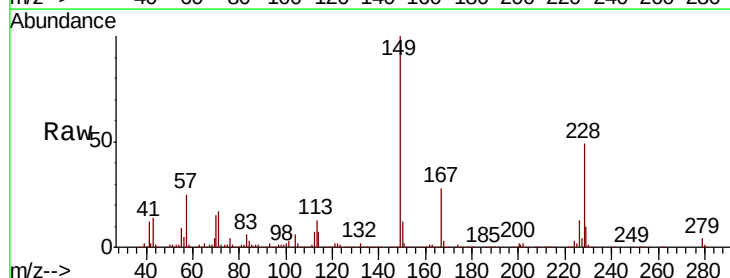
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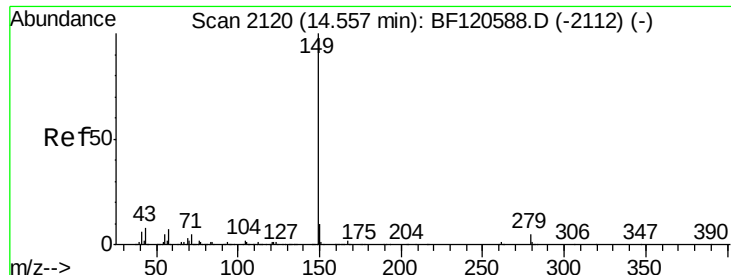
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.263 ng
RT: 13.95 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.0	33.0
279	4.4	3.0	4.6





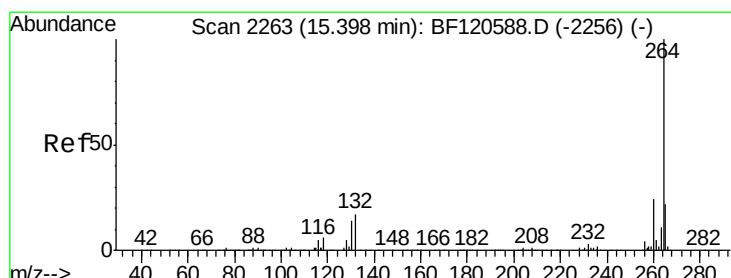
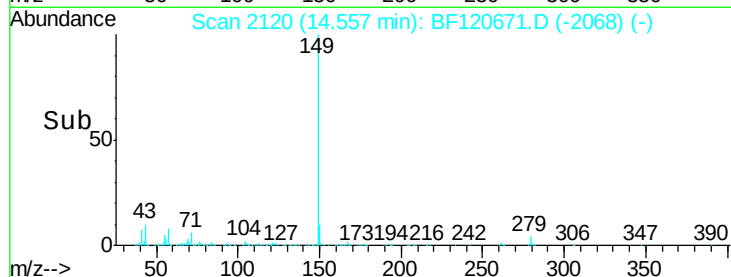
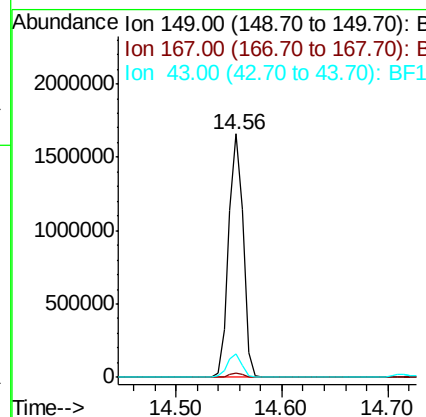
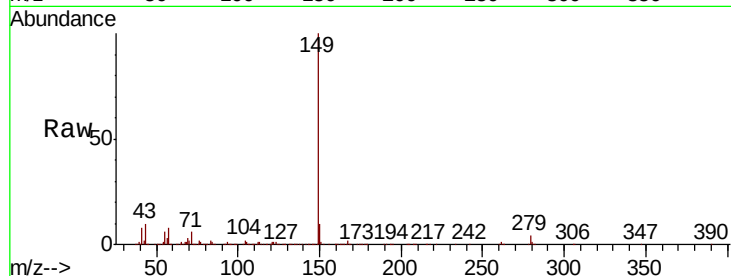
#85
Di-n-octyl phthalate
Concen: 48.809 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.6	11.4

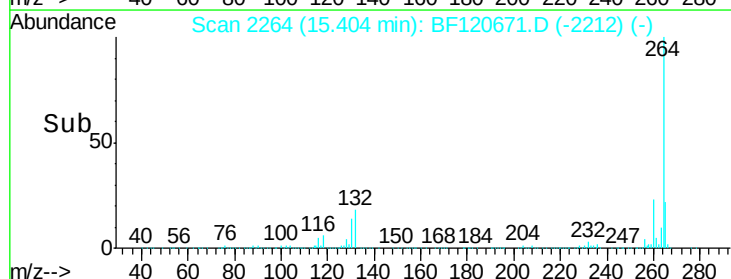
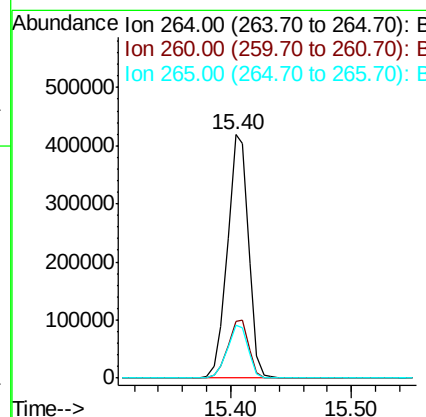
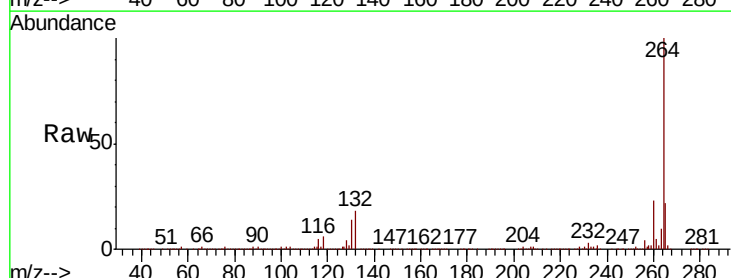
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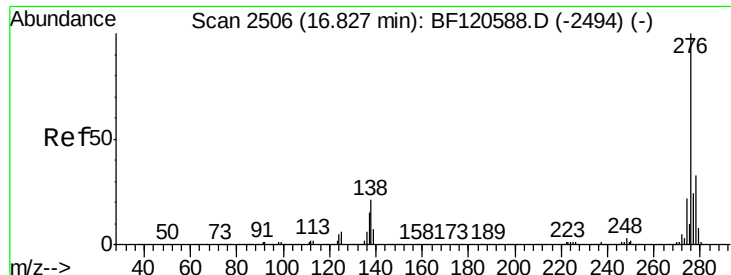
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.9	17.8	26.8





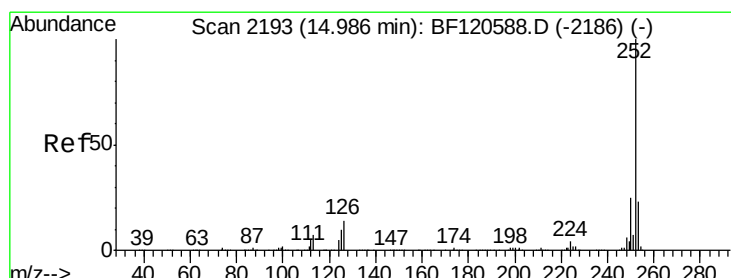
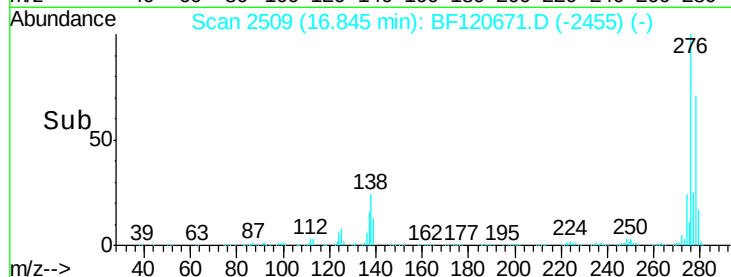
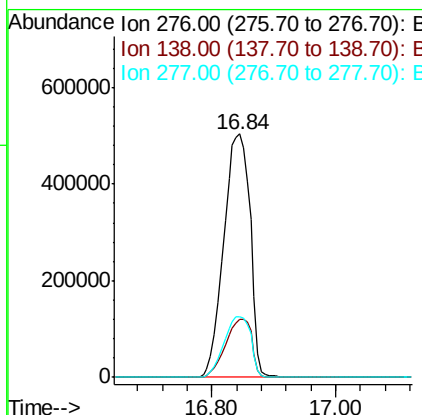
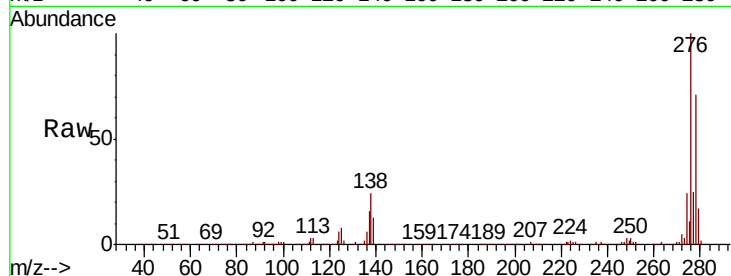
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.904 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.02 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.9	28.3
277	25.3	20.2	30.2

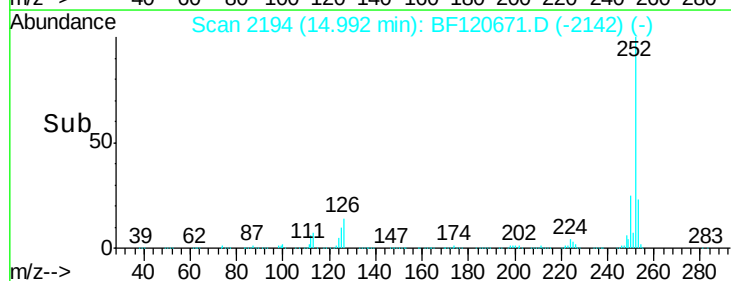
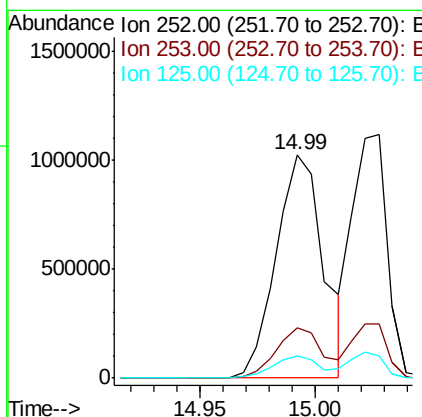
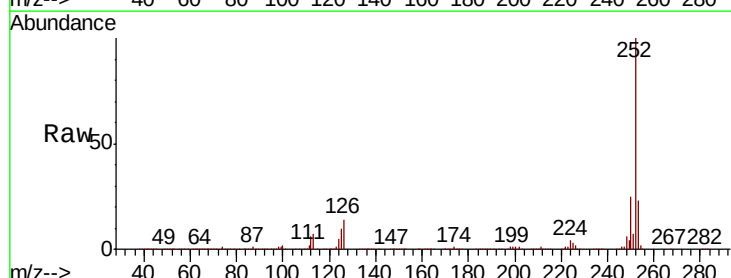
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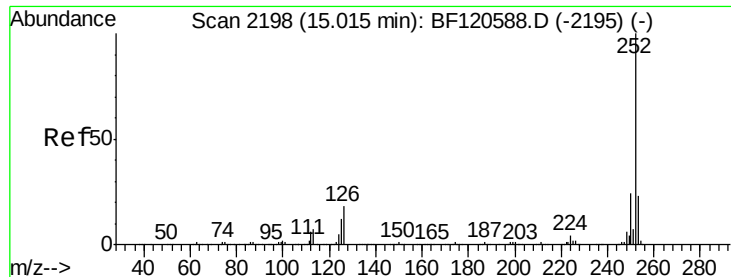
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#88
 Benzo(b)fluoranthene
 Concen: 48.921 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.1	8.3	12.5





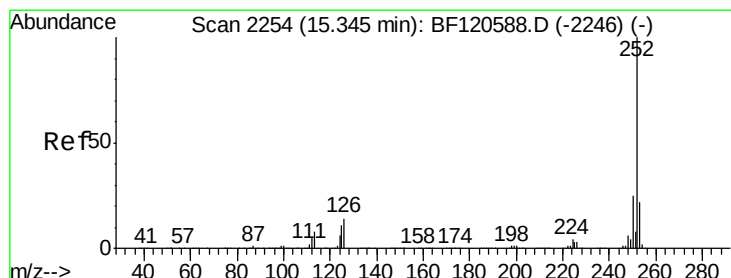
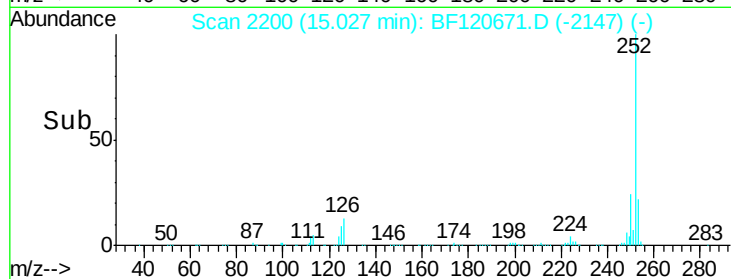
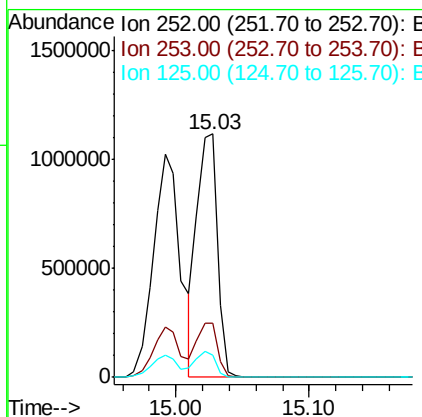
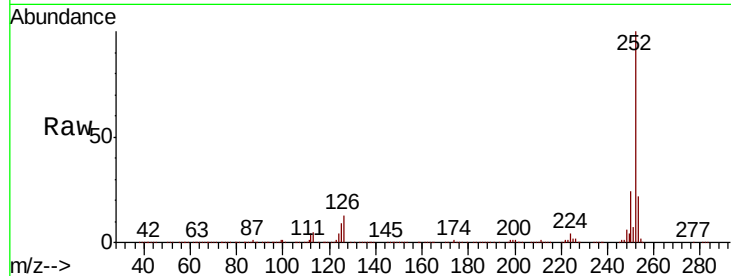
#89
Benzo(k)fluoranthene
Concen: 44.452 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.0	8.3	12.5

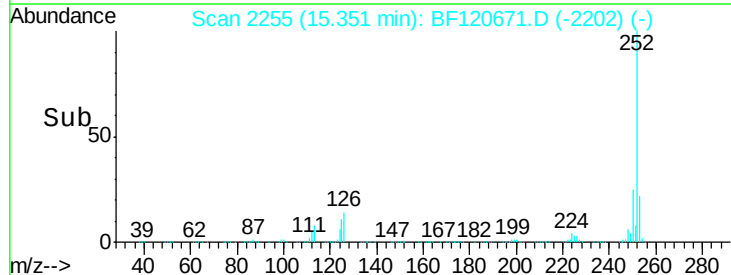
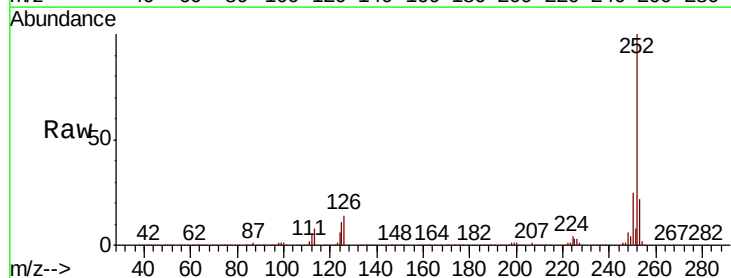
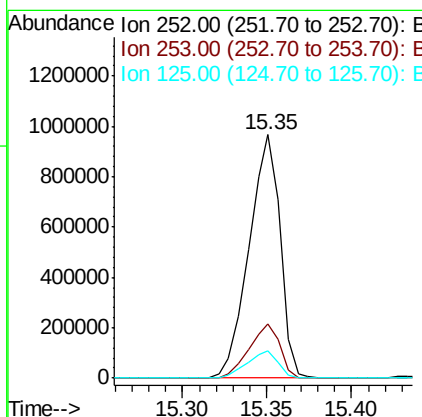
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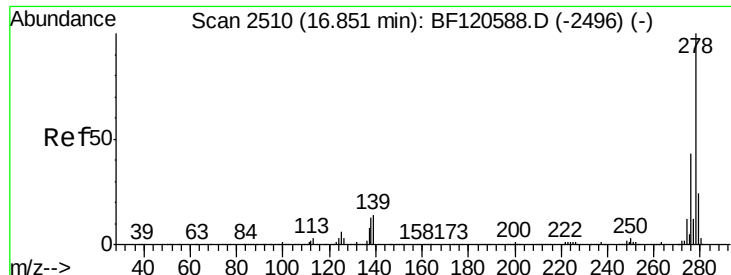
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#90
Benzo(a)pyrene
Concen: 46.215 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.2	8.6	12.8





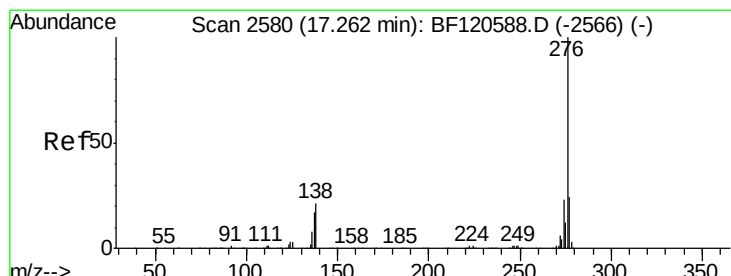
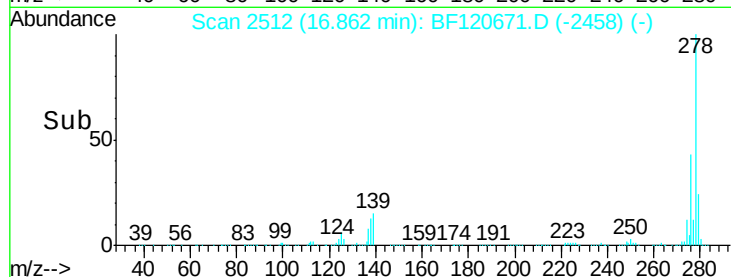
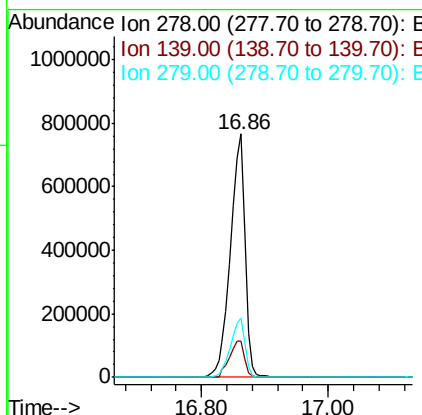
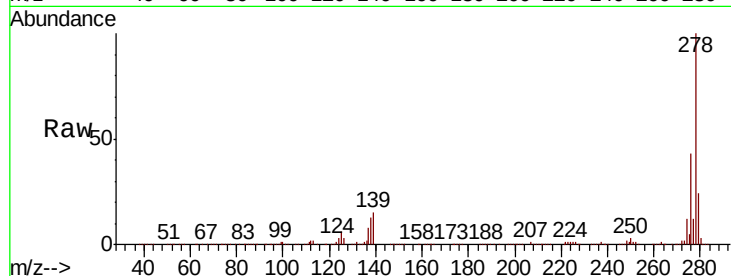
#91
Dibenzo(a,h)anthracene
Concen: 49.734 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.02 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.4	17.2
279	24.2	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 49.438 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	21.0	16.5	24.7

