

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121247.D
 Acq On : 11 Aug 2020 18:51
 Operator : JU/CG
 Sample : L3607-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMSD

Manual Integrations
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 8/12/2020 1:47:40 PM

Quant Time: Aug 12 10:56:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141909	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	545084	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	288963	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	576817	20.00	ng	0.00
76) Chrysene-d12	13.97	240	452898	20.00	ng	0.00
86) Perylene-d12	15.42	264	439799	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	866897	100.15	ng	0.00
7) Phenol-d6	6.44	99	966548	86.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	798564	84.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	367451	116.17	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1399233	72.30	ng	0.00
79) Terphenyl-d14	12.91	244	1564105	75.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	149355	37.489	ng	99
3) Pyridine	3.27	79	293478	27.692	ng	99
4) n-Nitrosodimethylamine	3.22	42	177709	39.214	ng	95
6) Aniline	6.46	93	412054	28.230	ng	# 85
8) 2-Chlorophenol	6.58	128	420609	44.107	ng	99
9) Benzaldehyde	6.35	77	307228	68.467	ng	99
10) Phenol	6.45	94	415950	33.816	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	405152	42.979	ng	97
12) 1,3-Dichlorobenzene	6.73	146	410585	39.706	ng	99
13) 1,4-Dichlorobenzene	6.81	146	415025	40.363	ng	99
14) 1,2-Dichlorobenzene	6.96	146	403914	41.523	ng	100
15) Benzyl Alcohol	6.95	79	344412	43.554	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	556925	40.988	ng	94
17) 2-Methylphenol	7.06	107	329376	38.969	ng	99
18) Hexachloroethane	7.30	117	149084	40.059	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	272689	42.887	ng	98
20) 3+4-Methylphenols	7.21	107	378104	35.166	ng	# 82
22) Acetophenone	7.20	105	547608	44.764	ng	95
24) Nitrobenzene	7.38	77	456803	44.991	ng	98
25) Isophorone	7.62	82	800092	42.557	ng	97
26) 2-Nitrophenol	7.70	139	233029	48.326	ng	98
27) 2,4-Dimethylphenol	7.74	122	346979	44.319	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	518997	45.223	ng	100
29) 2,4-Dichlorophenol	7.94	162	362475	45.308	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	371427	41.846	ng	99
31) Naphthalene	8.10	128	1159318	41.463	ng	100
32) Benzoic acid	7.87	122	136015m	23.143	ng	
33) 4-Chloroaniline	8.15	127	271329	21.754	ng	98
34) Hexachlorobutadiene	8.22	225	205925	39.355	ng	99
35) Caprolactam	8.54	113	89405	34.848	ng	87
36) 4-Chloro-3-methylphenol	8.65	107	373535	45.525	ng	99
37) 2-Methylnaphthalene	8.79	142	809694	44.600	ng	99
38) 1-Methylnaphthalene	8.89	142	761541	44.290	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	380501	45.195	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	291634	62.675	nq	99
43) 2,4,6-Trichlorophenol	9.08	196	256275	43.232	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	279600	41.582	nq	98
46) 1,1'-Biphenyl	9.26	154	990224	44.924	nq	100
47) 2-Chloronaphthalene	9.29	162	760905	42.341	nq	99
48) 2-Nitroaniline	9.38	65	149455	27.519	nq	96
49) Acenaphthylene	9.70	152	1224880	43.874	nq	100
50) Dimethylphthalate	9.56	163	946277	45.392	nq	100
51) 2,6-Dinitrotoluene	9.63	165	214340	47.857	nq	99
52) Acenaphthene	9.87	154	708177	39.898	nq	100
53) 3-Nitroaniline	9.80	138	143187	25.491	nq	98
54) 2,4-Dinitrophenol	9.91	184	165920	65.696	nq	# 92
55) Dibenzofuran	10.05	168	1050955	40.944	nq	99
56) 4-Nitrophenol	9.97	139	264891	62.080	nq	94
57) 2,4-Dinitrotoluene	10.03	165	270025	45.910	nq	# 85
58) Fluorene	10.39	166	824552	43.072	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	238031	46.494	nq	98
60) Diethylphthalate	10.26	149	934453	44.316	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	400121	39.186	nq	98
62) 4-Nitroaniline	10.41	138	135584	24.779	nq	96
63) Azobenzene	10.54	77	869181	43.298	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	140424	42.539	nq	99
66) n-Nitrosodiphenylamine	10.50	169	772145	42.553	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	270882	42.121	nq	95
68) Hexachlorobenzene	10.94	284	306175	44.011	nq	99
69) Atrazine	11.03	200	231730	51.566	nq	99
70) Pentachlorophenol	11.14	266	312340	78.371	nq	98
71) Phenanthrene	11.35	178	1270110	42.814	nq	100
72) Anthracene	11.40	178	1290692	43.328	nq	100
73) Carbazole	11.56	167	1265093	42.794	nq	99
74) Di-n-butylphthalate	11.89	149	1467229	43.008	nq	100
75) Fluoranthene	12.54	202	1440035	43.794	nq	97
77) Benzidine	12.66	184	190889	16.031	nq	97
78) Pyrene	12.77	202	1501589	46.895	nq	99
80) Butylbenzylphthalate	13.38	149	668840	46.857	nq	93
81) Benzo(a)anthracene	13.96	228	1294776	47.211	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	114180	11.035	nq	99
83) Chrysene	14.00	228	1285572	44.605	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	883865	50.215	nq	99
85) Di-n-octyl phthalate	14.56	149	1549950	44.261	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1256458	41.079	nq	99
88) Benzo(b)fluoranthene	15.00	252	1296543	48.771	nq	99
89) Benzo(k)fluoranthene	15.03	252	1123035	46.321	nq	100
90) Benzo(a)pyrene	15.36	252	1075760	44.353	nq	98
91) Dibenzo(a,h)anthracene	16.88	278	1053791	42.178	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1072809	43.549	nq	99

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



#1

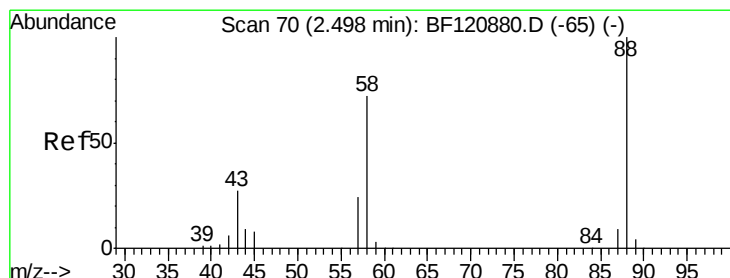
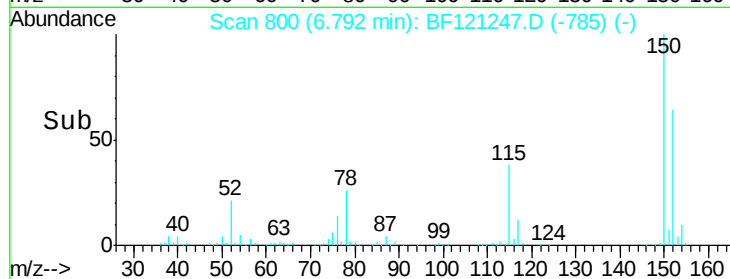
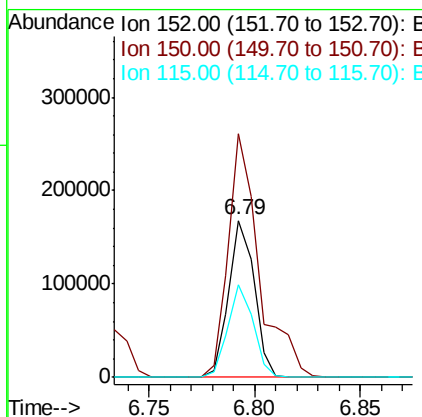
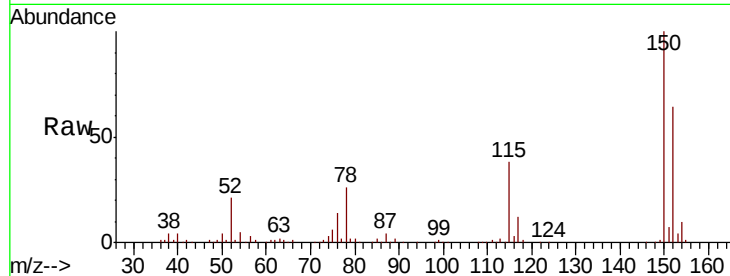
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.6	188.4
115	59.2	46.2	69.2

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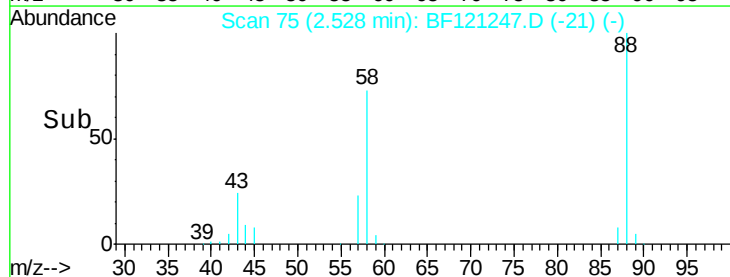
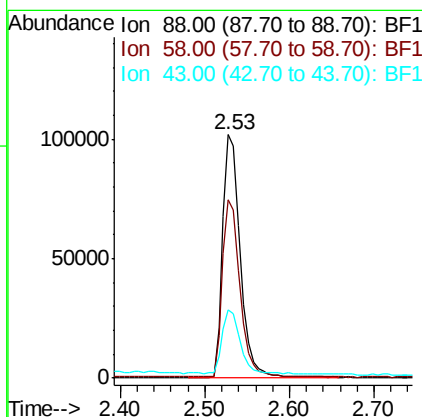
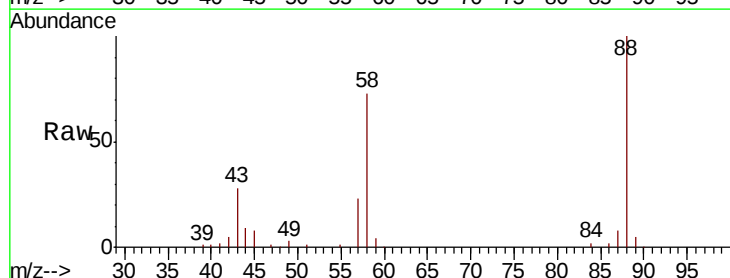
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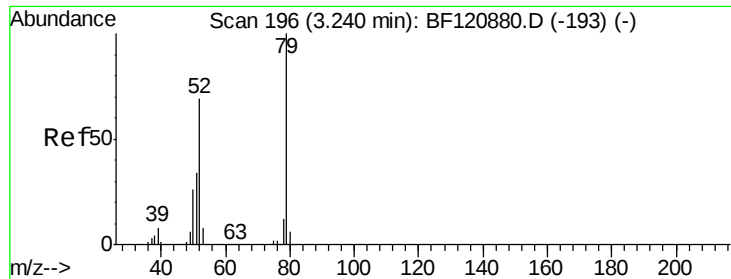


#2

1,4-Dioxane
Concen: 37.489 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	58.2	87.4
43	26.7	21.3	31.9





#3

Pvridine

Concen: 27.692 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.02 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

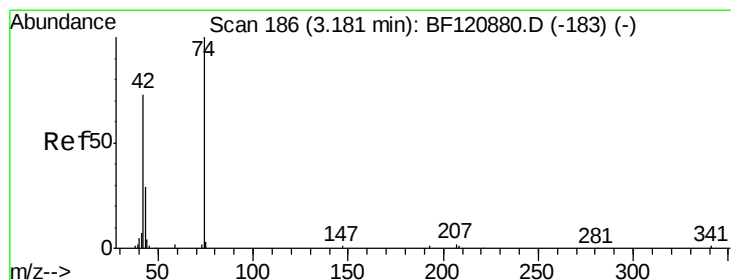
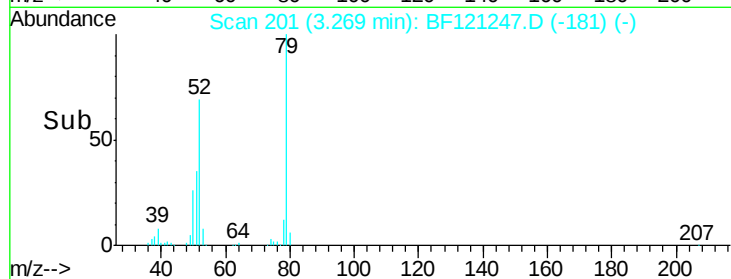
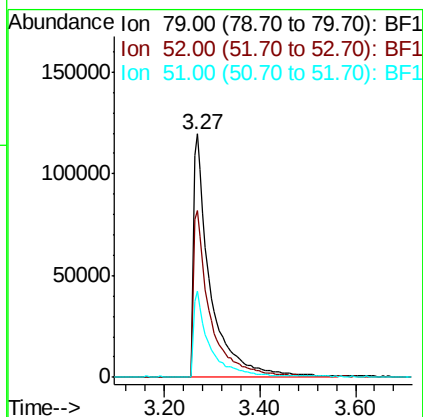
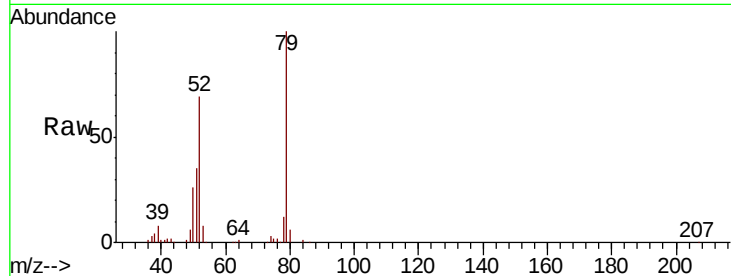
ClientSampleId :

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Tot Ion:	79	Resp:	293478
Ion	Ratio	Lower	Upper
79	100		
52	68.6	54.9	82.3
51	35.2	27.4	41.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.214 ng

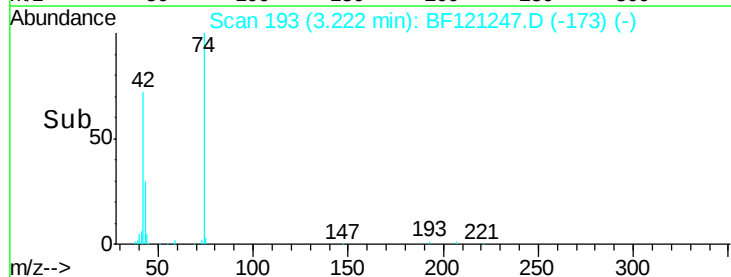
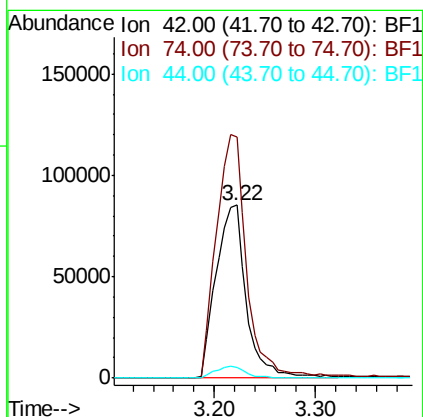
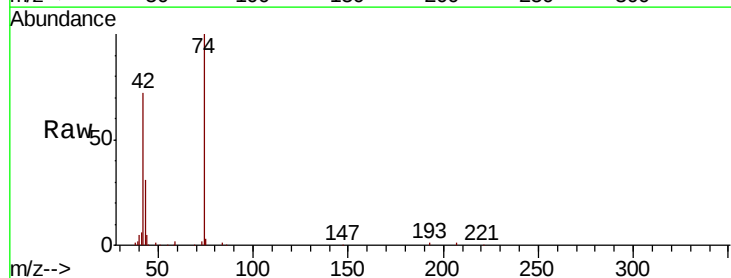
RT: 3.22 min Scan# 193

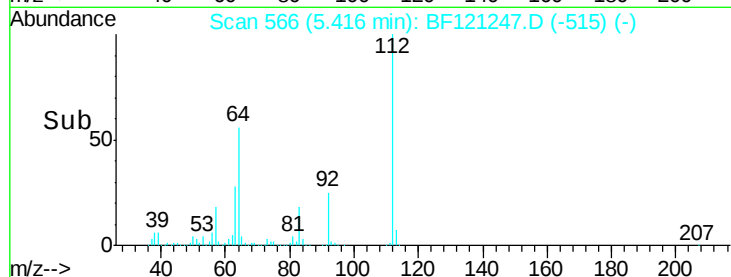
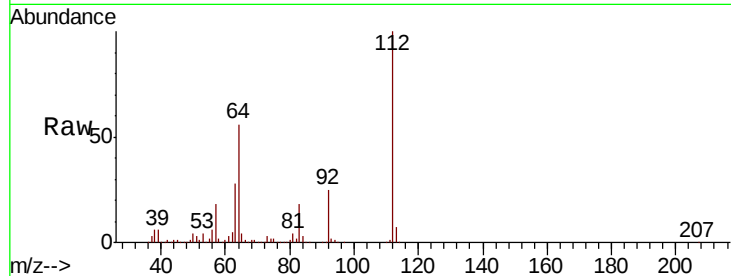
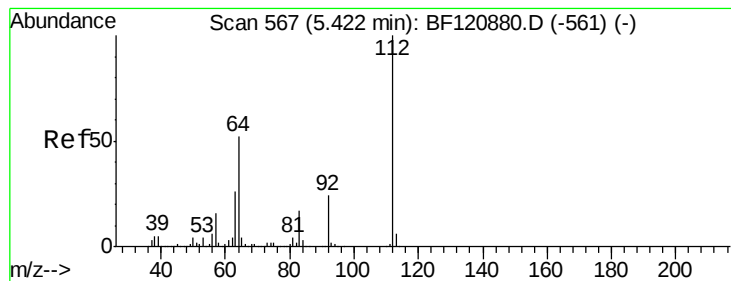
Delta R.T. 0.02 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tgt Ion:	42	Resp:	177709
Ion	Ratio	Lower	Upper
42	100		
74	139.7	117.3	175.9
44	6.5	5.9	8.9





#5

2-Fluorophenol

Concen: 100.145 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		866897		
64	55.8	43.9	65.9		
63	28.5	22.7	34.1		

Instrument :

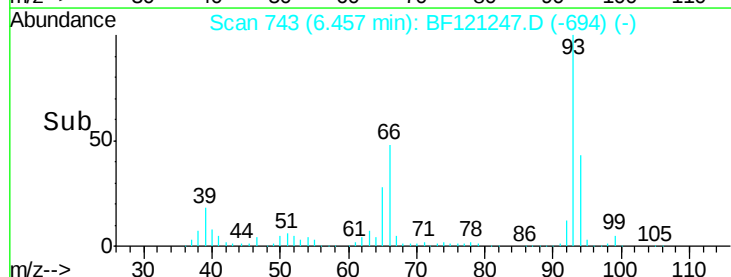
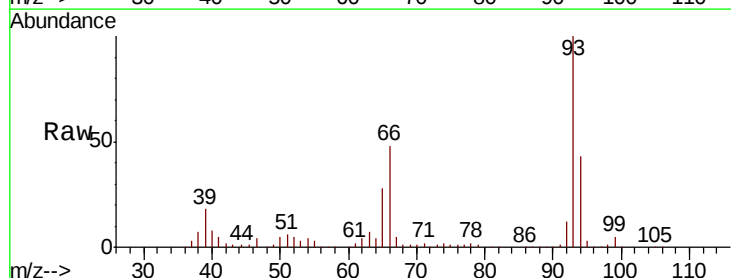
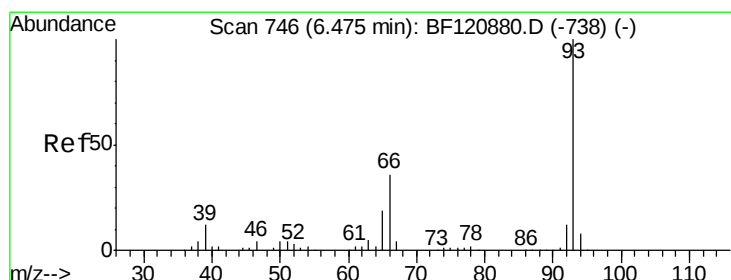
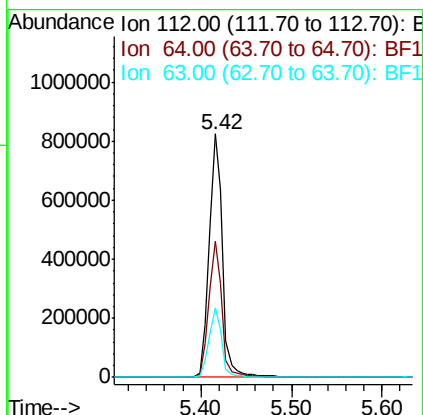
BNA_F

ClientSampleId :

ES-TOTE-COMPMSD

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#6

Aniline

Concen: 28.230 ng

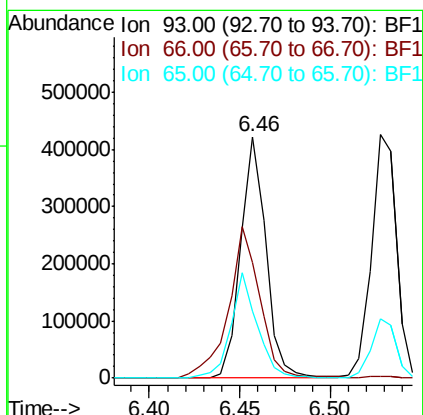
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		412054		
66	47.8	31.0	46.4#		
65	27.8	16.2	24.4#		





#7

Phenol-d6

Concen: 86.439 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

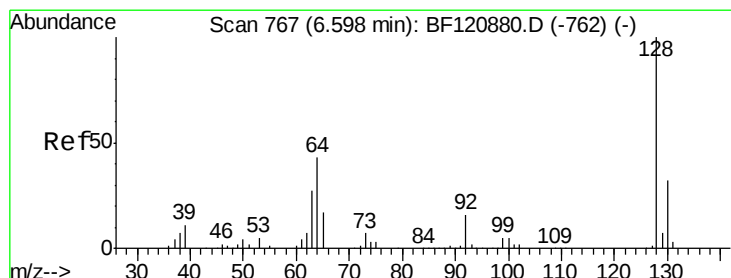
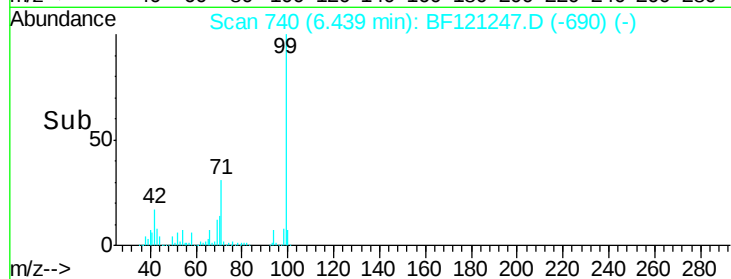
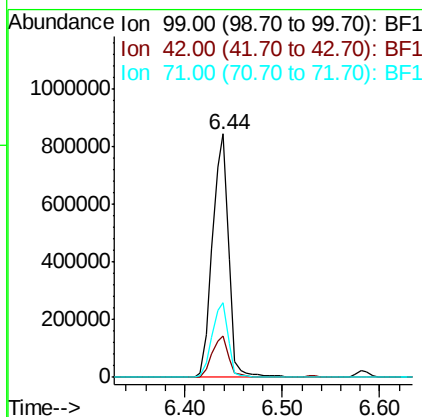
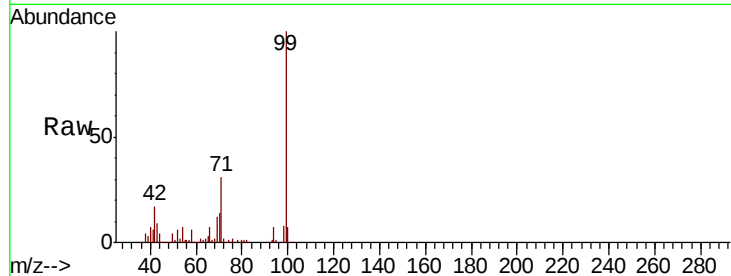
ClientSampleId :

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Tot Ion:	99	Resp:	966548
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.5	20.3
71	30.8	25.0	37.4

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#8

2-Chlorophenol

Concen: 44.107 ng

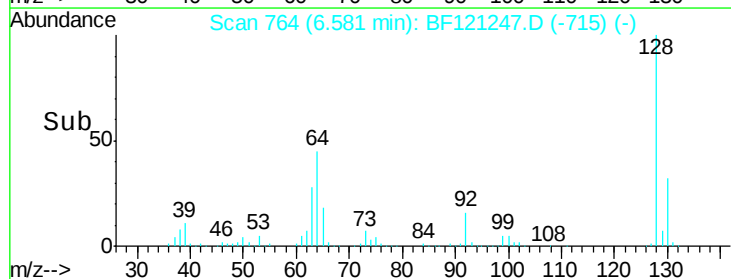
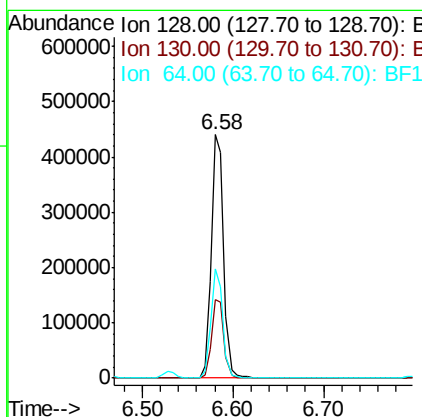
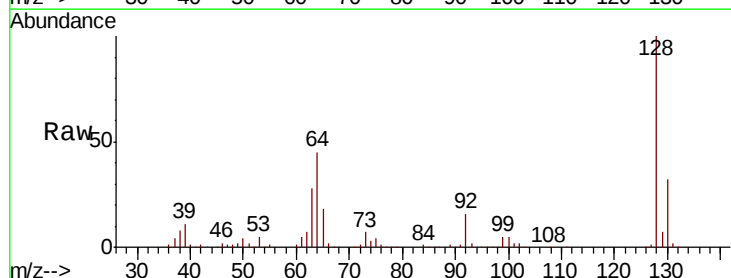
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tgt Ion:	128	Resp:	420609
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.7	52.7
64	44.9	23.8	63.8





#9

Benzaldehyde

Concen: 68.467 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

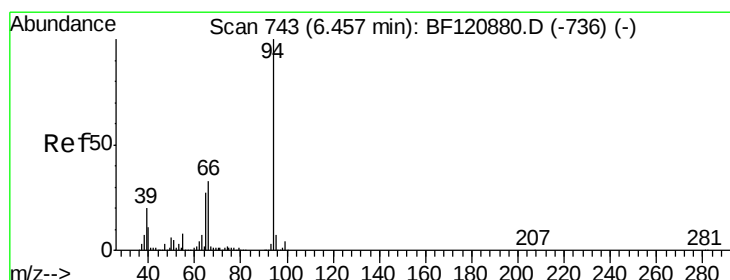
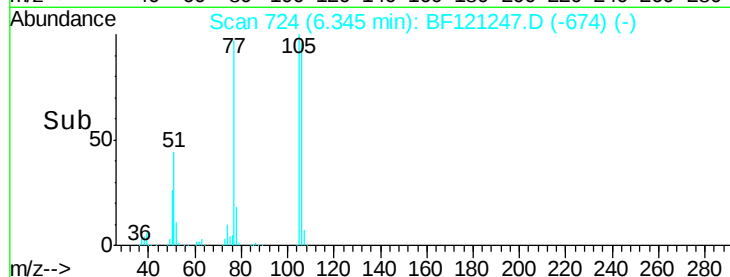
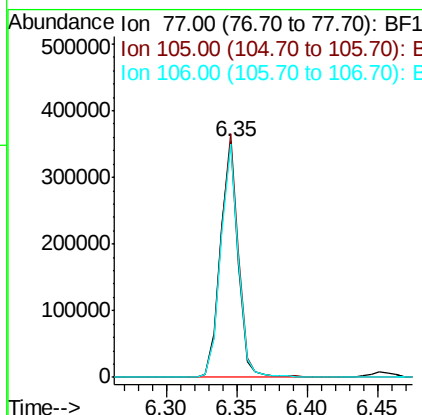
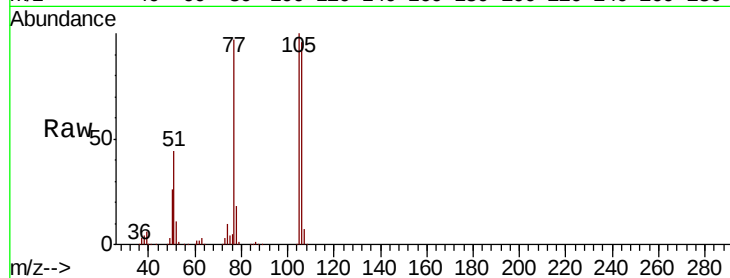
ClientSampleId :

ES-TOTE-COMPMSD

Tot Ion:	77	Resp:	307228
Ion	Ratio	Lower	Upper
77	100		
105	103.3	82.4	122.4
106	99.2	78.9	118.9

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#10

Phenol

Concen: 33.816 ng

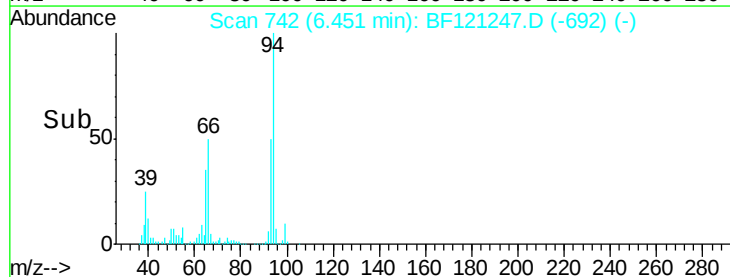
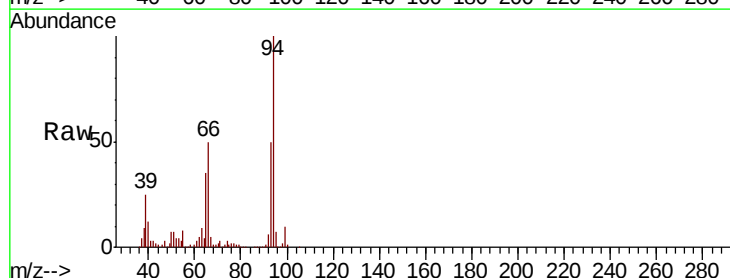
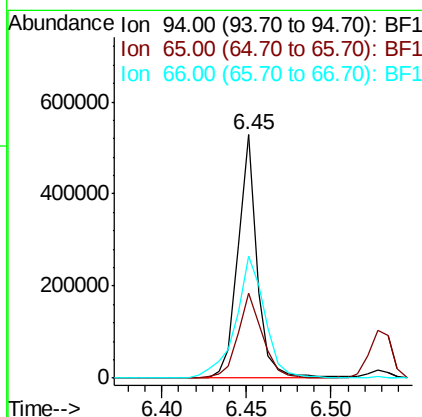
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tgt Ion:	94	Resp:	415950
Ion	Ratio	Lower	Upper
94	100		
65	34.9	12.6	52.6
66	50.2	25.6	65.6





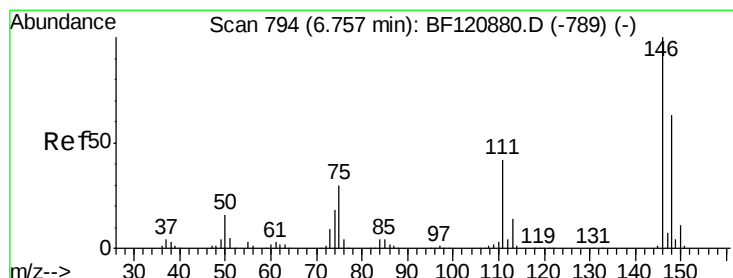
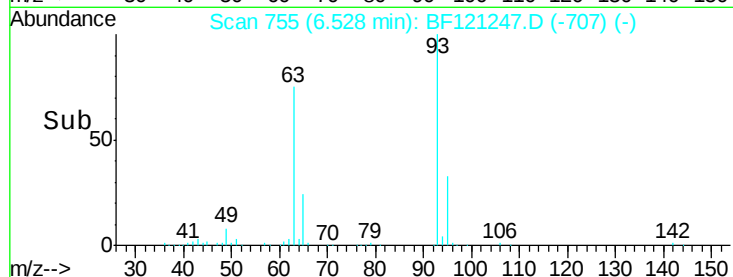
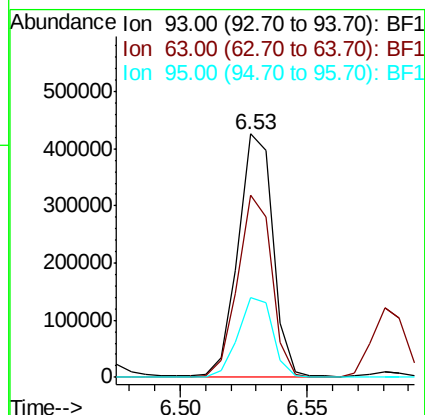
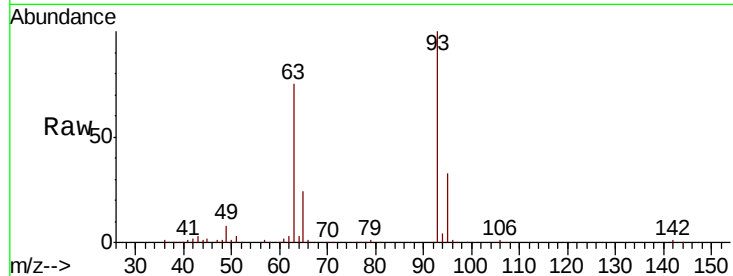
#11
bis(2-Chloroethyl)ether
Concen: 42.979 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion:	93	Resp:	405152
Ion Ratio	Lower	Upper	
93	100		
63	74.9	51.9	91.9
95	32.7	13.2	53.2

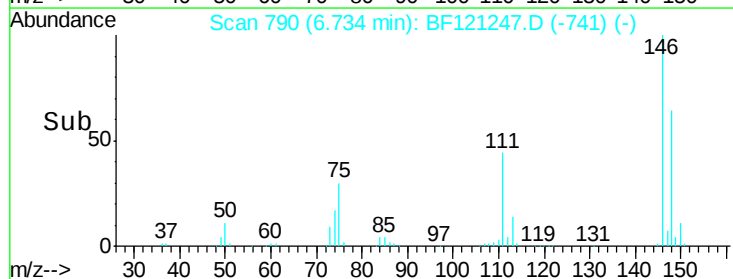
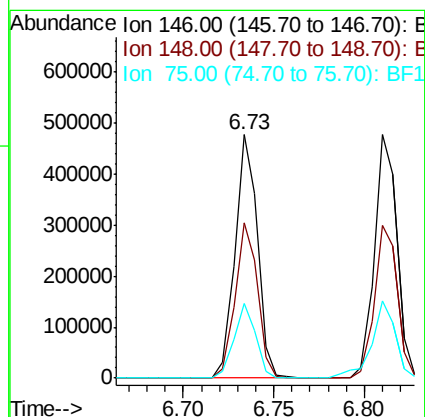
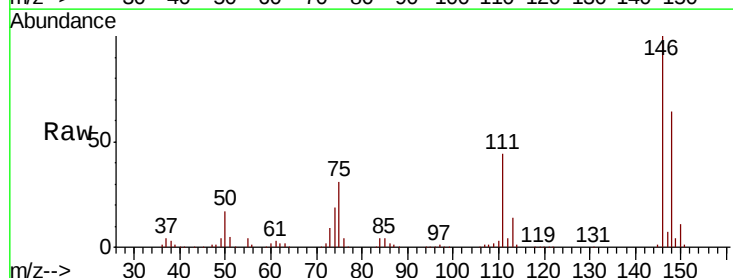
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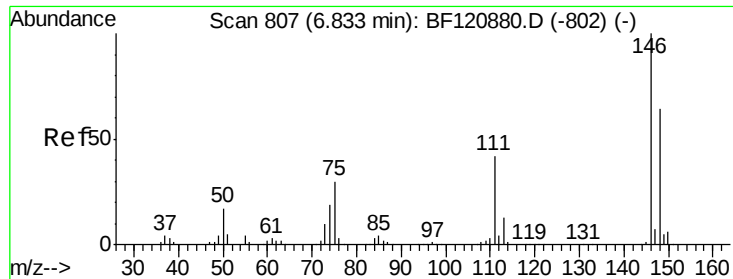
mohammad
8/12/2020 1:47:40 PM



#12
1,3-Dichlorobenzene
Concen: 39.706 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion:	146	Resp:	410585
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.7	77.5
75	30.6	23.8	35.6





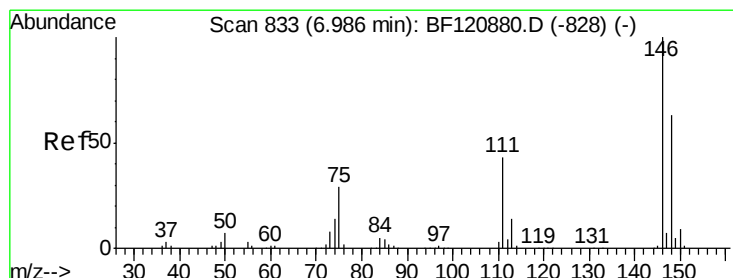
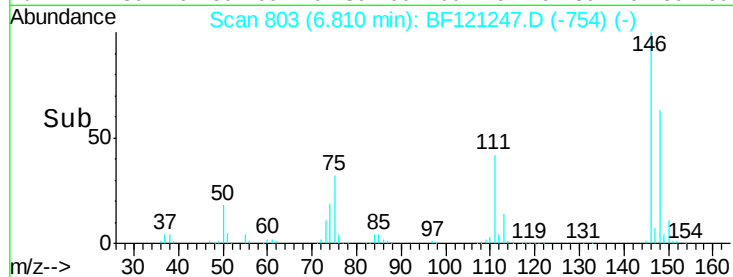
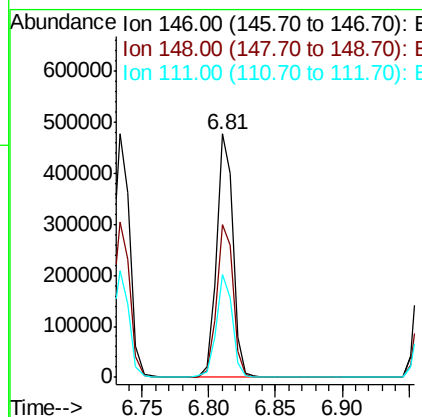
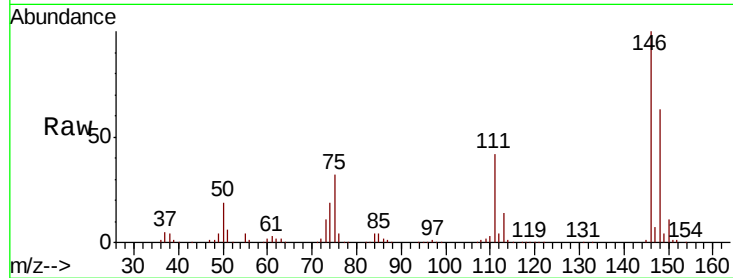
#13
 1,4-Dichlorobenzene
 Concen: 40.363 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.5	75.7
111	42.4	32.8	49.2

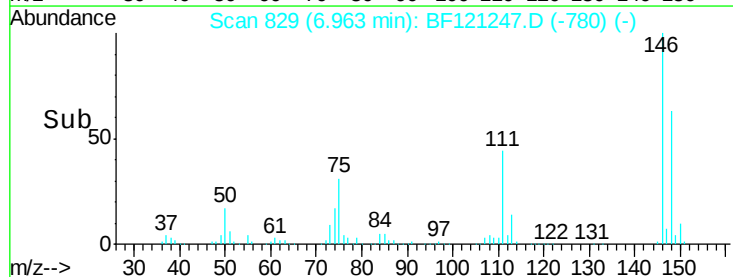
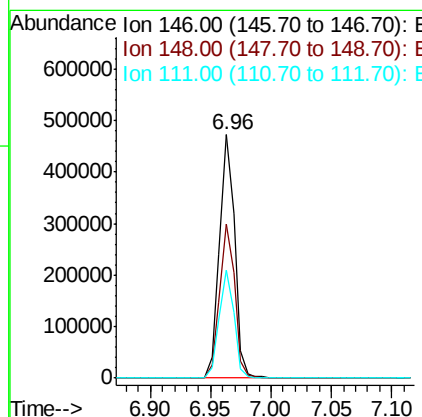
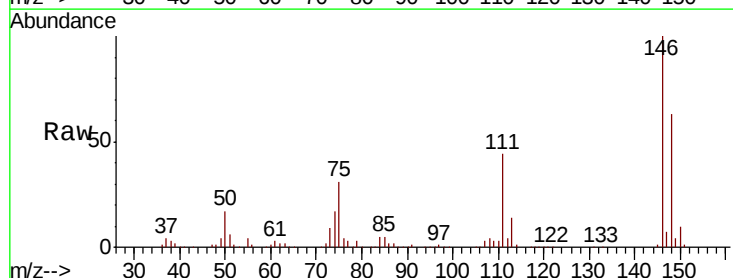
Manual Integrations
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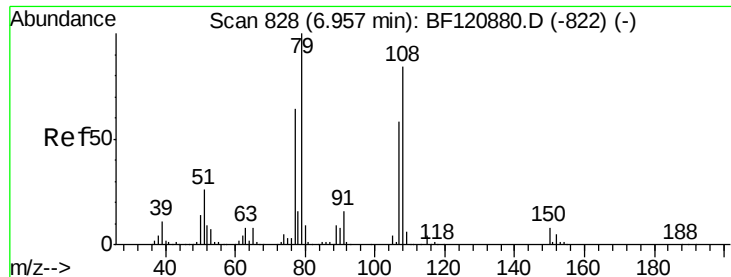
mohammad
 8/12/2020 1:47:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.523 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	44.2	35.4	53.0





#15

Benzyl Alcohol

Concen: 43.554 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

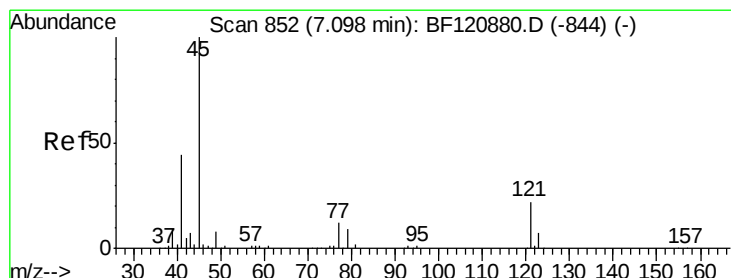
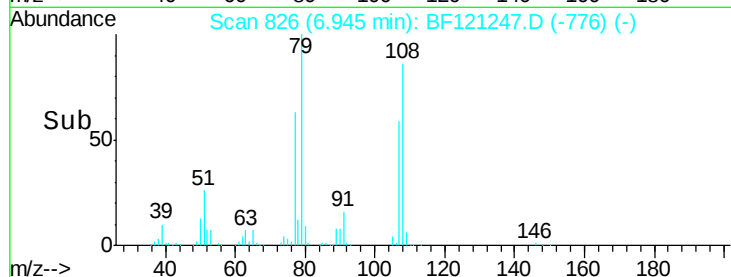
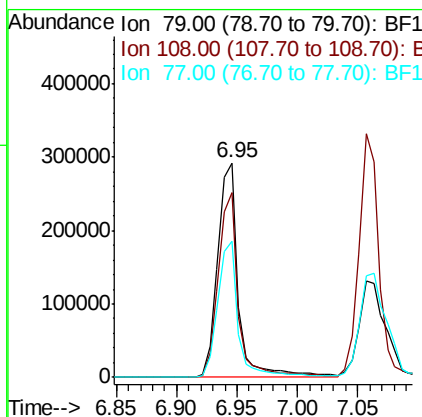
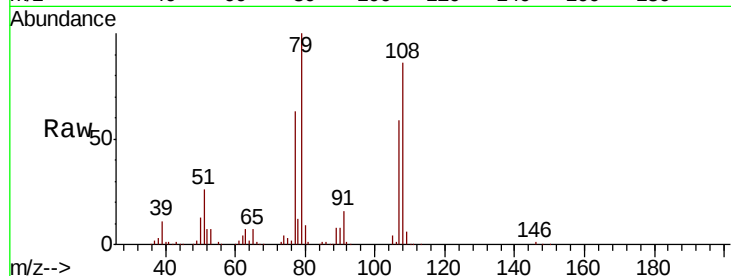
ClientSampleId :

ES-TOTE-COMPMSD

Tot Ion:	79	Resp:	344412
Ion Ratio	Lower	Upper	
79	100		
108	86.3	68.6	103.0
77	63.3	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.988 ng

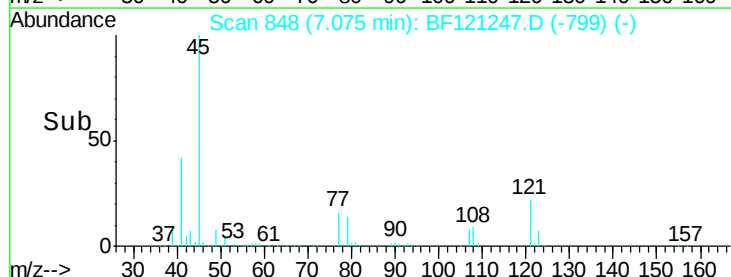
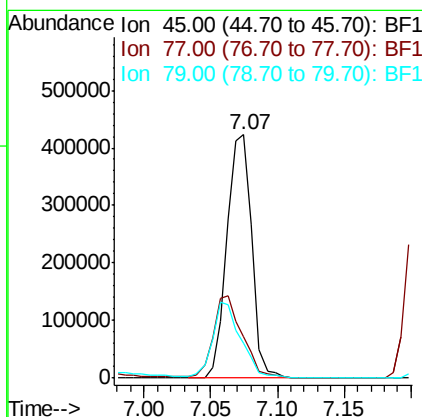
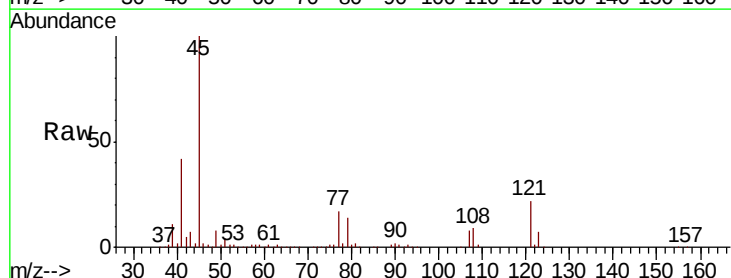
RT: 7.07 min Scan# 848

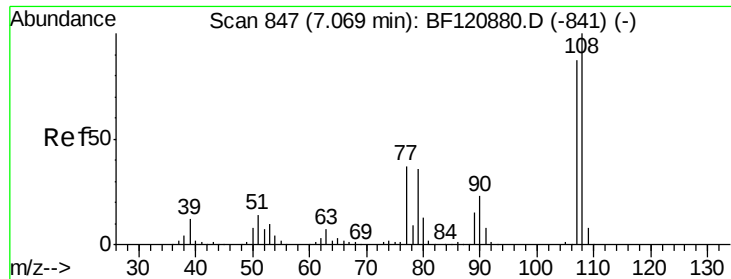
Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tgt Ion:	45	Resp:	556925
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	34.7
79	14.5	0.0	32.0





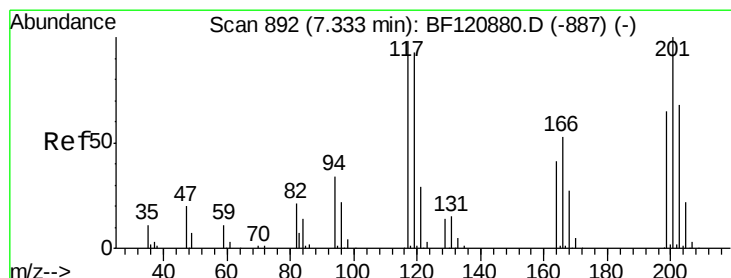
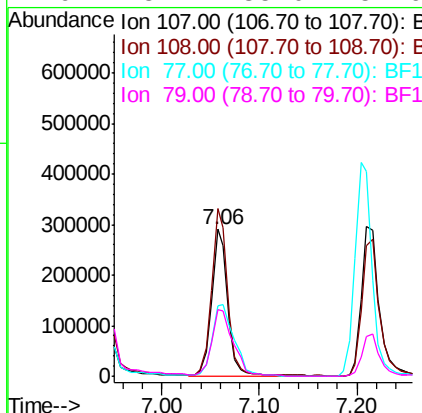
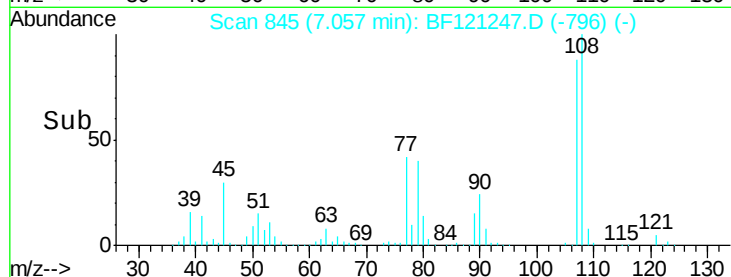
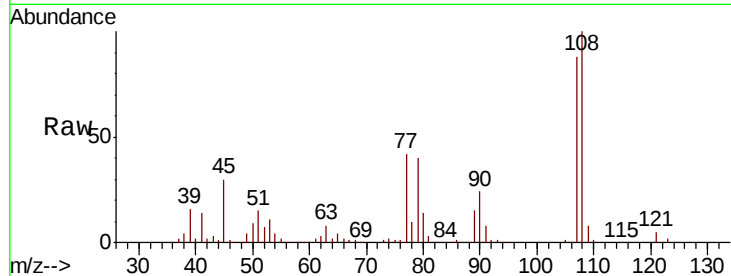
#17
2-Methylphenol
Concen: 38.969 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	91.2	136.8	
77	47.6	36.5	54.7	
79	45.2	35.0	52.6	

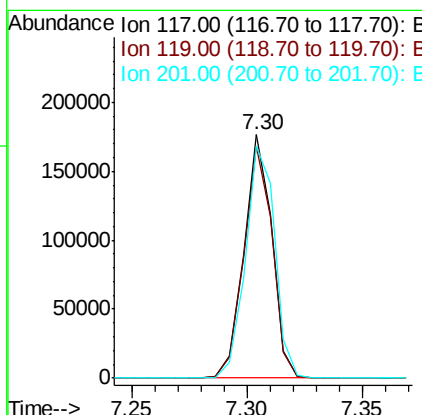
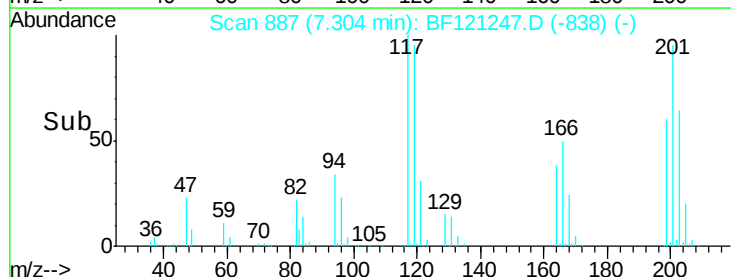
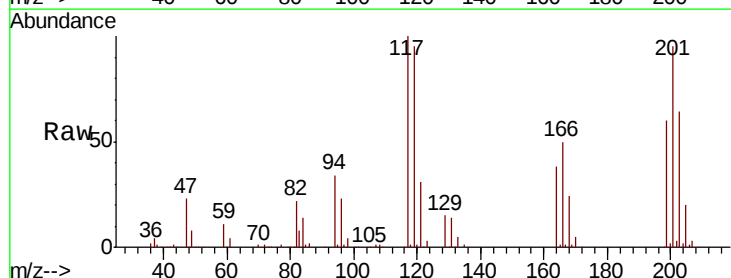
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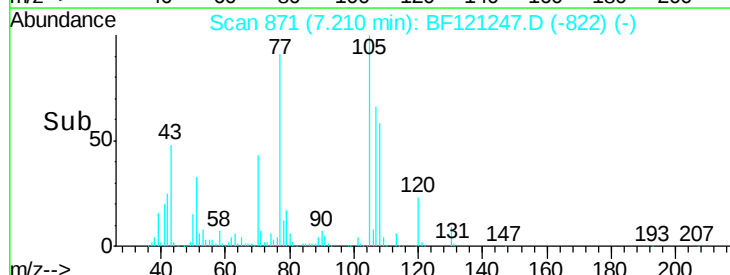
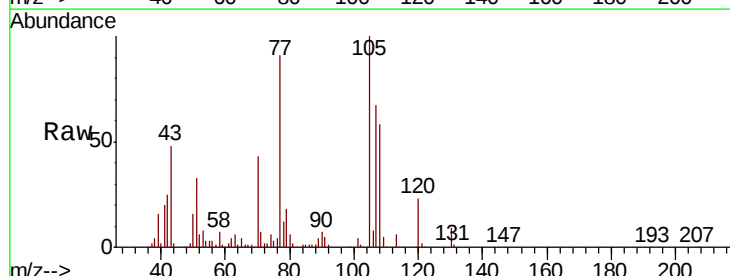
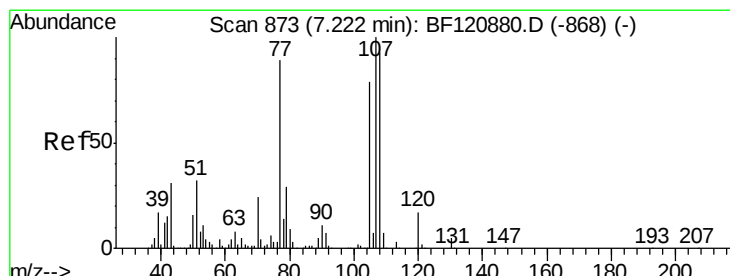
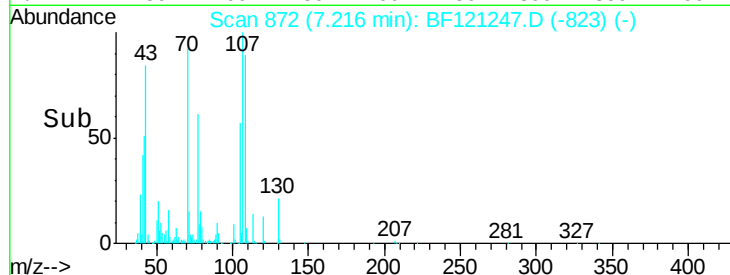
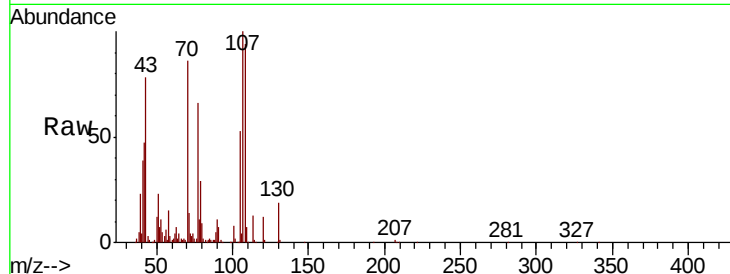
mohammad
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#18
Hexachloroethane
Concen: 40.059 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.6	114.8	
201	95.4	75.0	112.4	





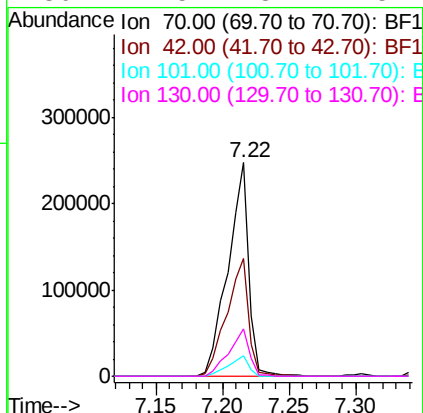
#19
n-Nitroso-di-n-propylamine
Concen: 42.887 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.3	43.3	64.9	
101	9.8	8.4	12.6	
130	22.5	18.7	28.1	

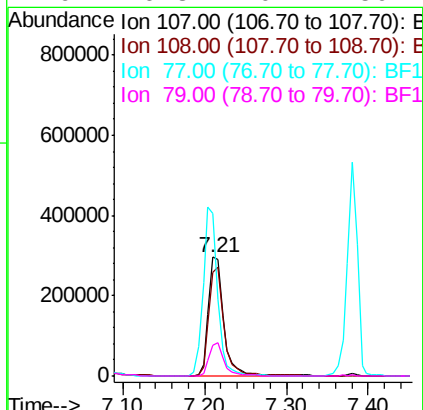
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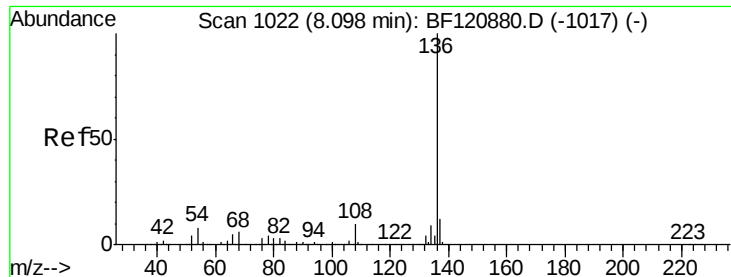
mohammad
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#20
3+4-Methylphenols
Concen: 35.166 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	73.7	113.7	
77	136.9	84.9	124.9	
79	26.3	10.7	50.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

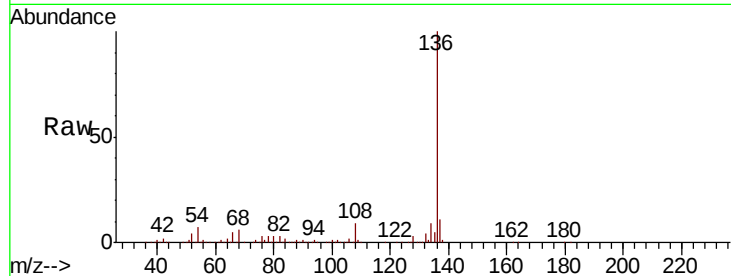
ClientSampleId :

ES-TOTE-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		545084		
137	10.7		9.0	13.4	
54	6.9		6.1	9.1	
68	5.7		5.0	7.6	

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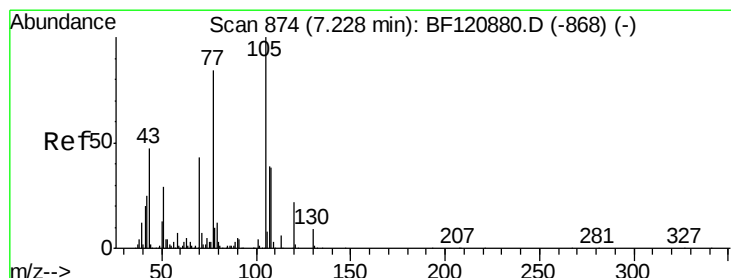
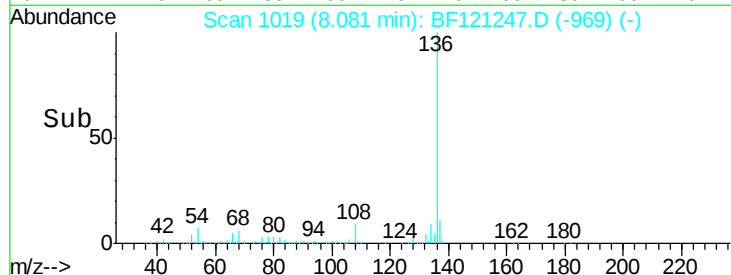
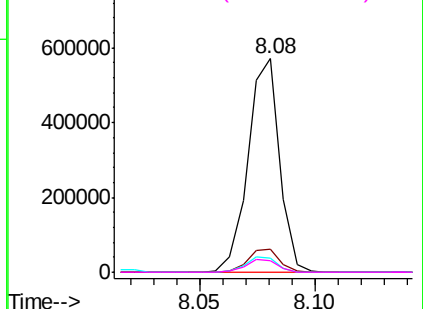
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.764 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		547608		
71	3.9		3.8	5.8	
51	30.3		28.0	42.0	
120	22.5		17.8	26.6	

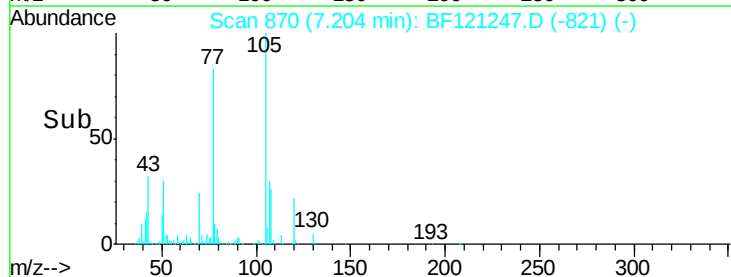
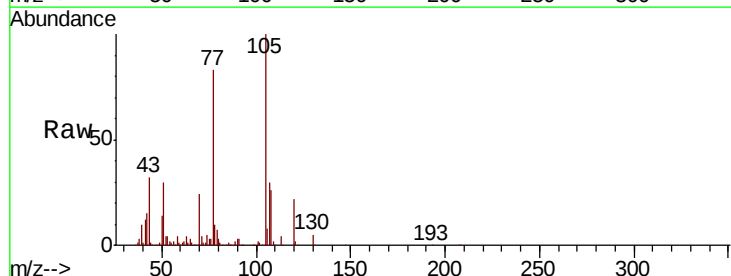
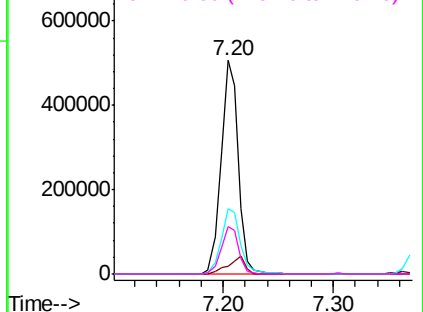
Abundance

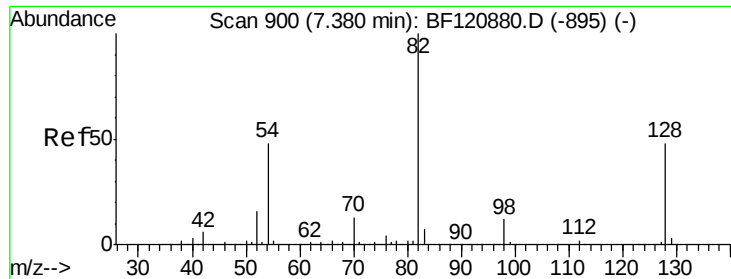
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





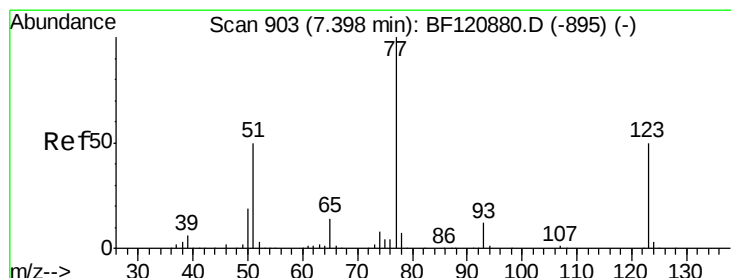
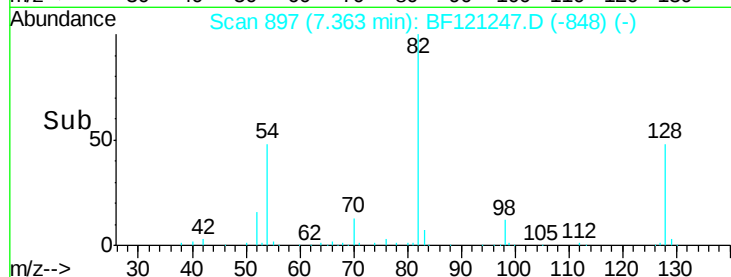
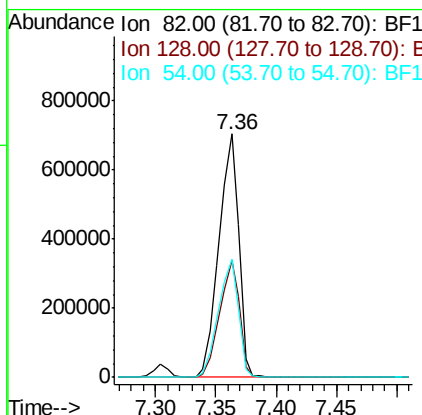
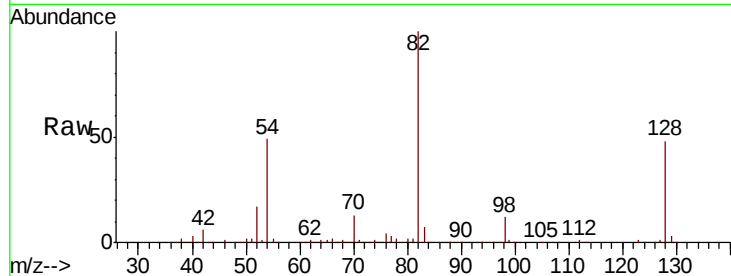
#23
 Nitrobenzene-d5
 Concen: 84.771 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMSD

Tot Ion:	82	Resp:	798564
Ion Ratio	Lower	Upper	
82	100		
128	47.9	39.2	58.8
54	48.6	37.8	56.8

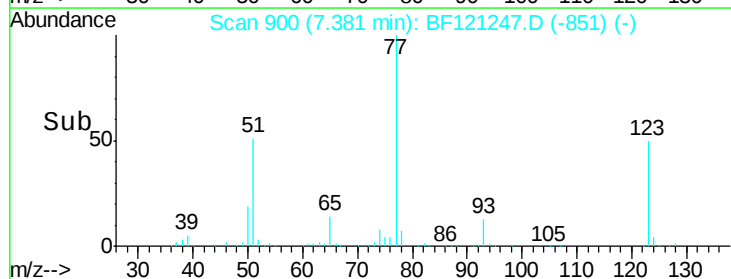
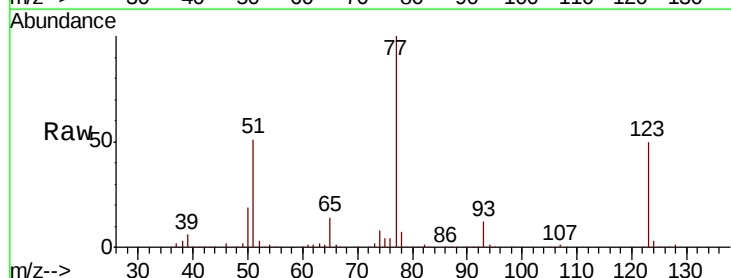
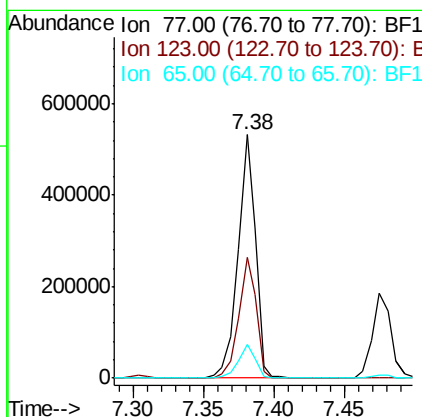
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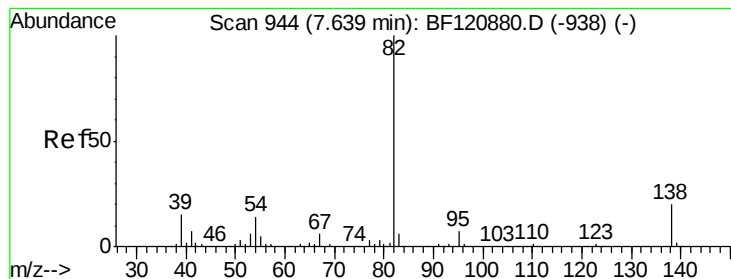
mohammad
 8/12/2020 1:47:40 PM



#24
 Nitrobenzene
 Concen: 44.991 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Tgt Ion:	77	Resp:	456803
Ion Ratio	Lower	Upper	
77	100		
123	49.6	41.0	61.6
65	13.7	10.3	15.5





#25

Isophorone

Concen: 42.557 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

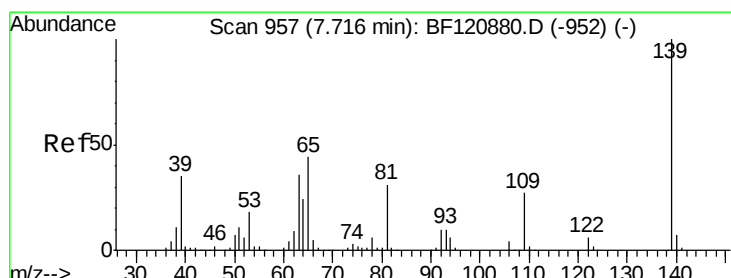
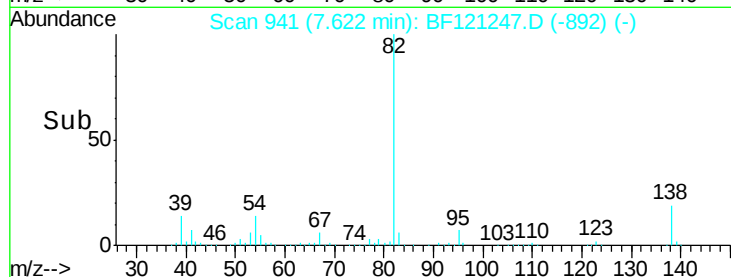
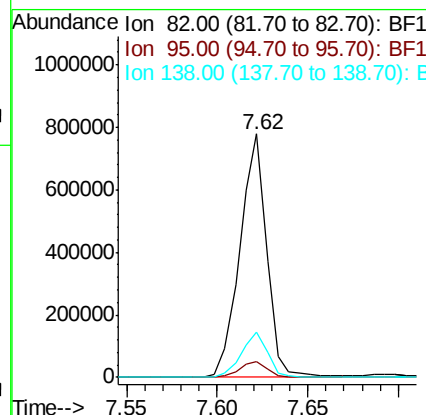
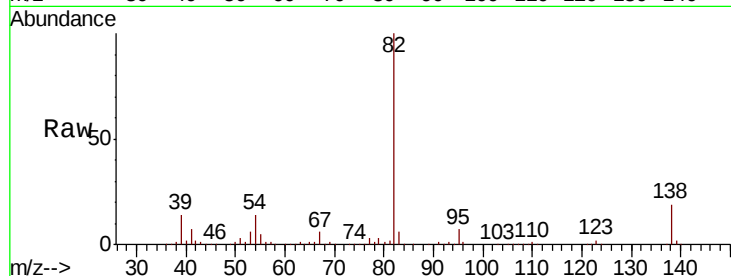
ClientSampleId :

ES-TOTE-COMPMSD

Tot Ion	82	Resp	800092
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	18.7	16.2	24.2

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#26

2-Nitrophenol

Concen: 48.326 ng

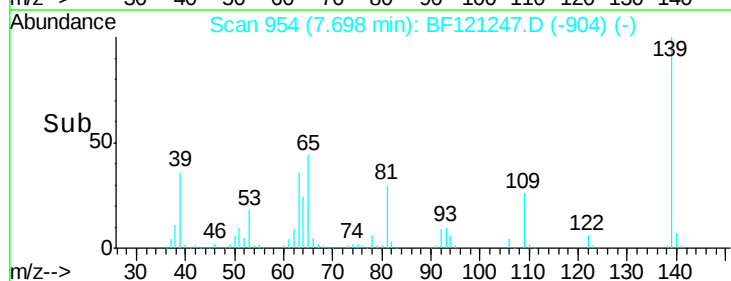
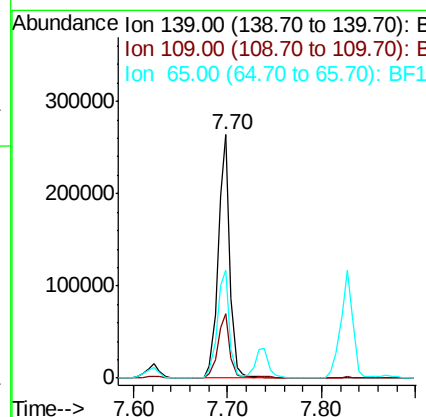
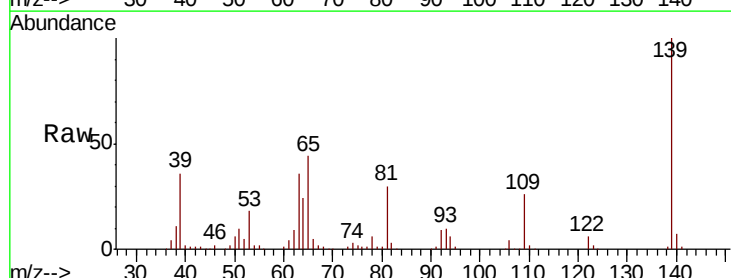
RT: 7.70 min Scan# 954

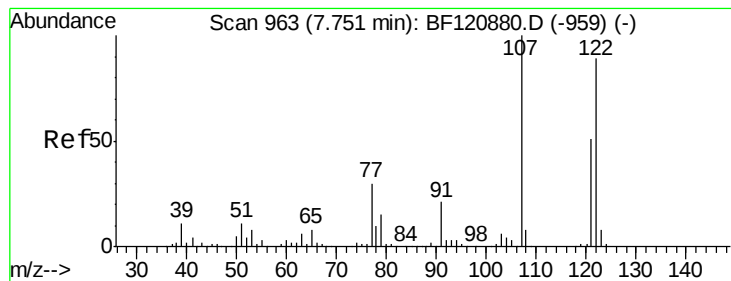
Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tgt Ion	139	Resp	233029
Ion Ratio	Lower	Upper	
139	100		
109	26.2	21.7	32.5
65	44.4	36.3	54.5





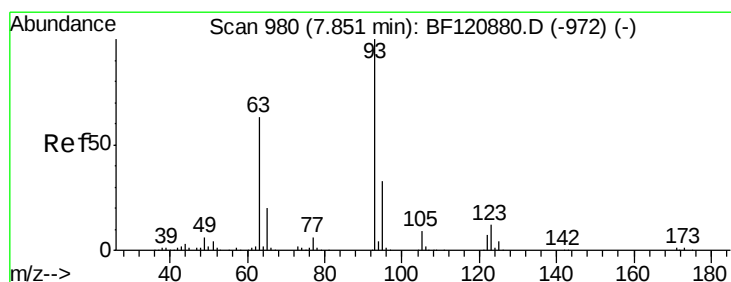
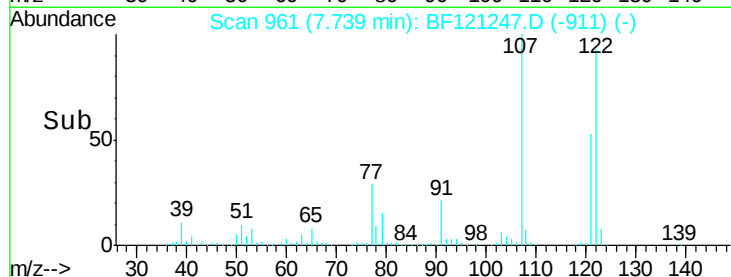
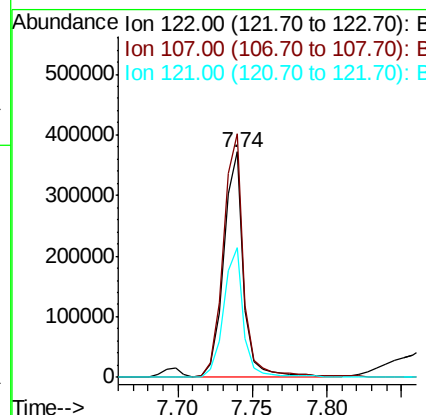
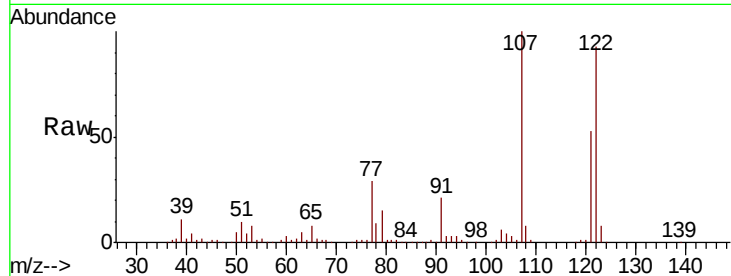
#27
2,4-Dimethylphenol
Concen: 44.319 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.0	87.1	130.7
121	57.4	45.5	68.3

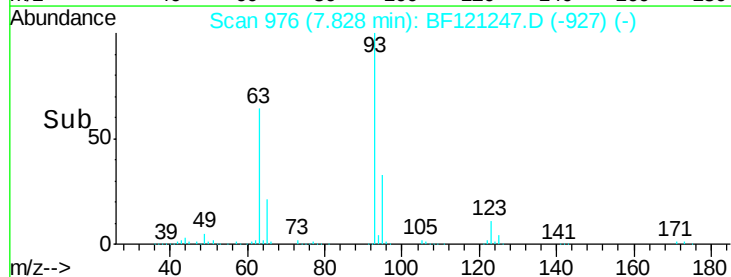
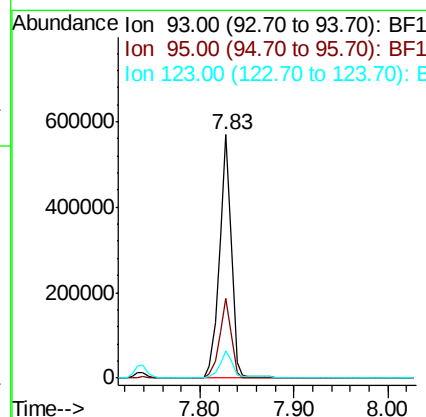
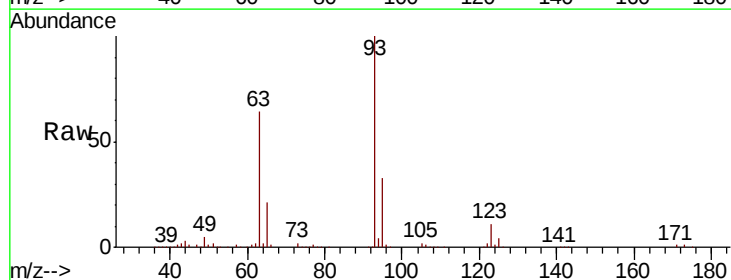
Manual Integrations
APPROVED

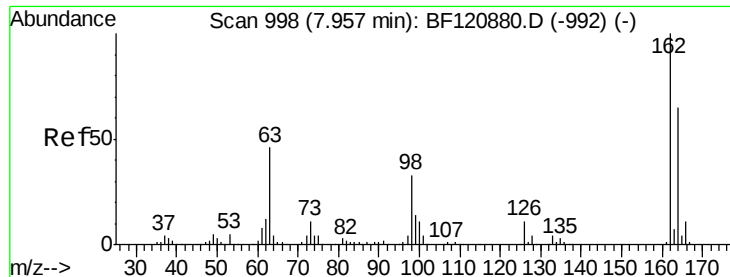
mohammad
8/12/2020 1:47:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.223 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	11.3	9.5	14.3





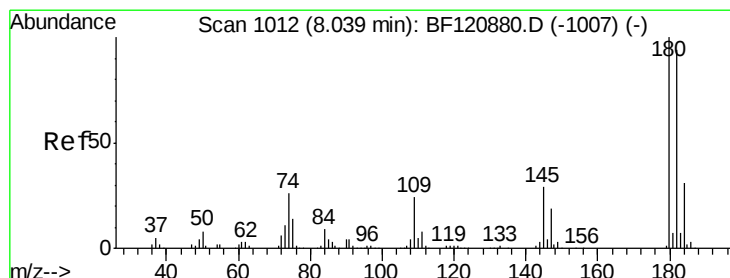
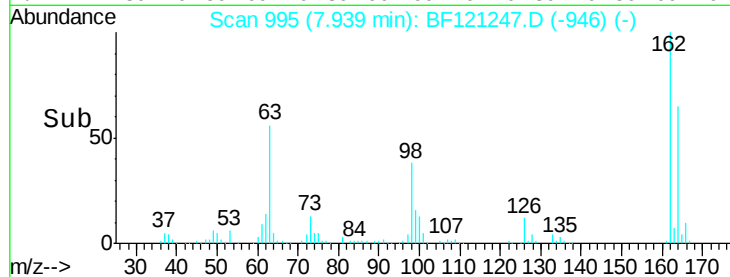
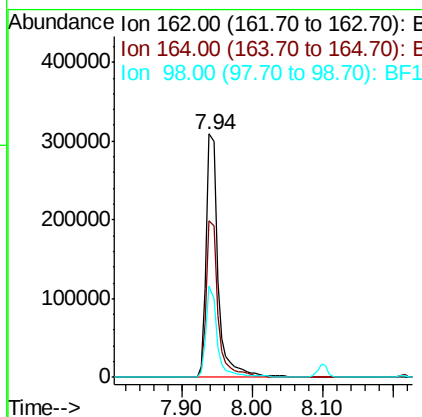
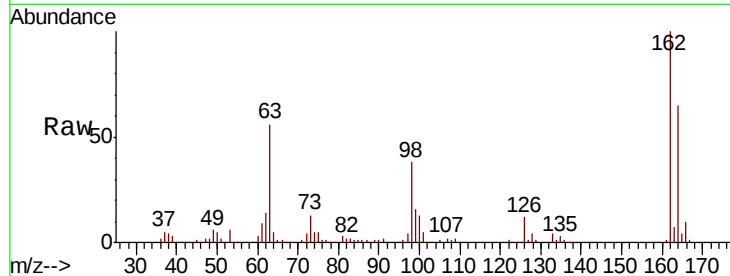
#29
 2,4-Dichlorophenol
 Concen: 45.308 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMSD

Tot Ion:	162	Resp:	362475
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.7	84.7
98	37.6	14.2	54.2

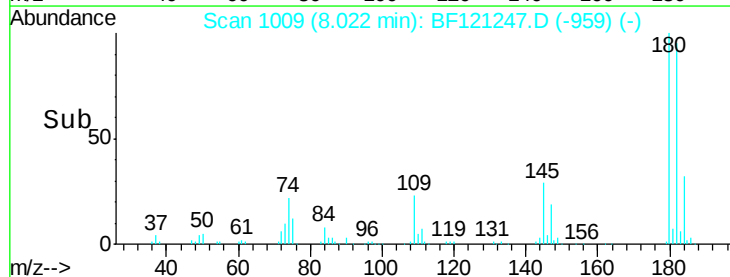
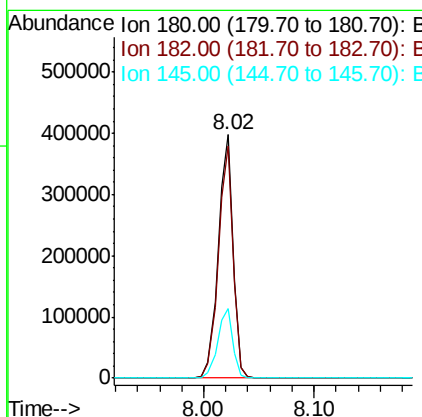
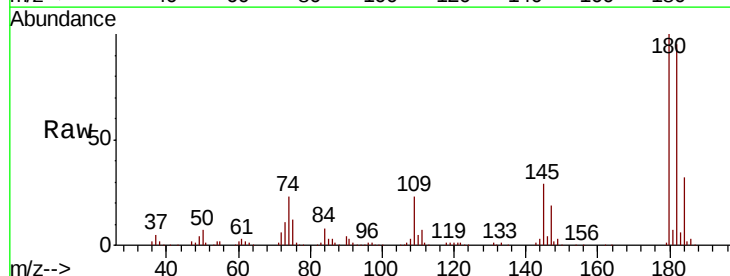
Manual Integrations
 APPROVED

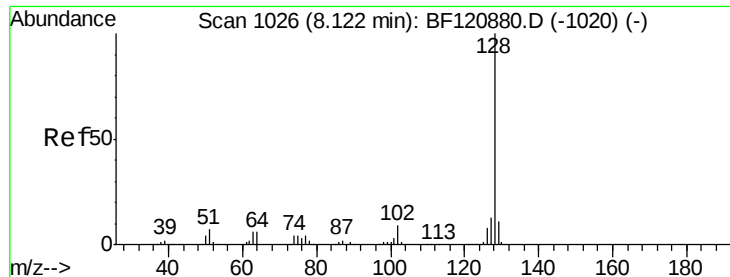
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.846 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Tgt Ion:	180	Resp:	371427
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.4	114.6
145	28.8	24.2	36.4





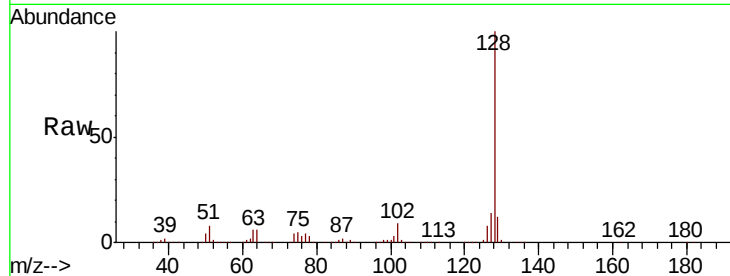
#31
Naphthalene
Concen: 41.463 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.8	10.8	16.2

Manual Integrations
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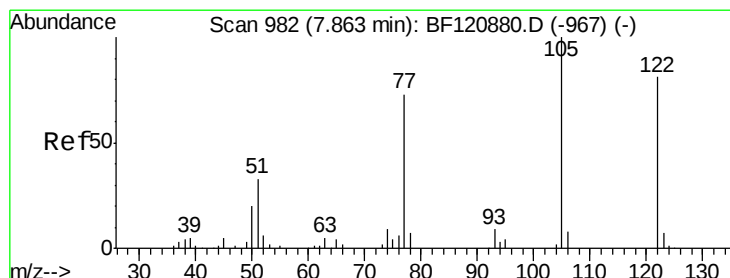
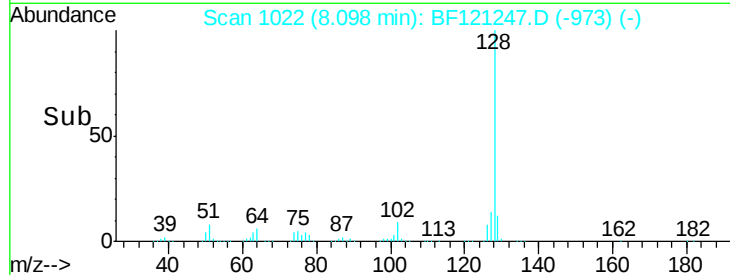
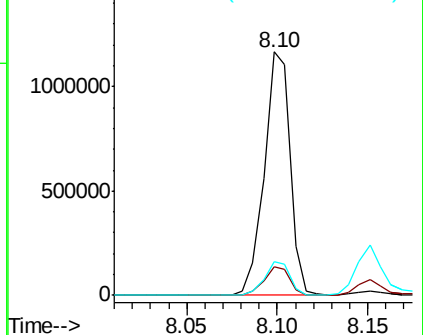


Abundance

Ion 128.00 (127.70 to 128.70): E

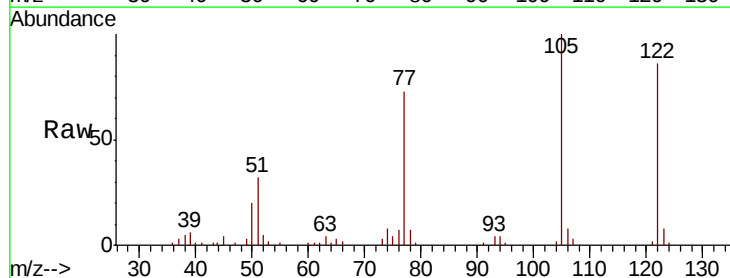
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 23.143 ng m
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.2	100.9	140.9
77	84.4	67.8	107.8

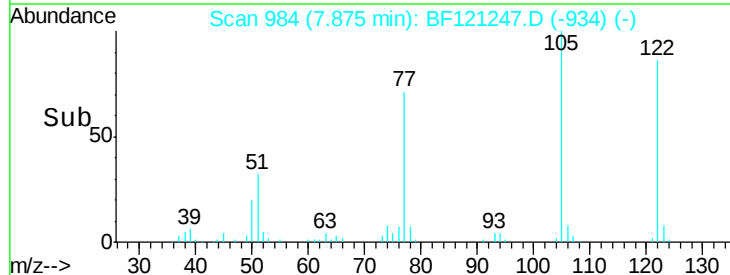
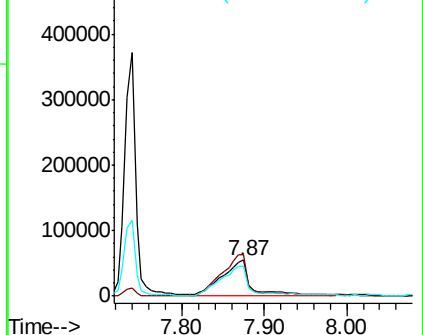


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





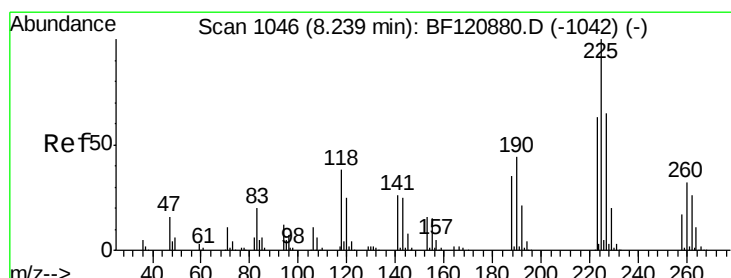
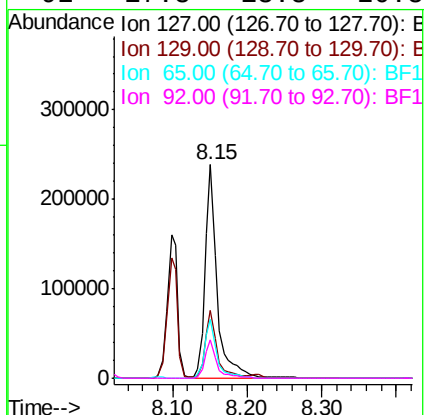
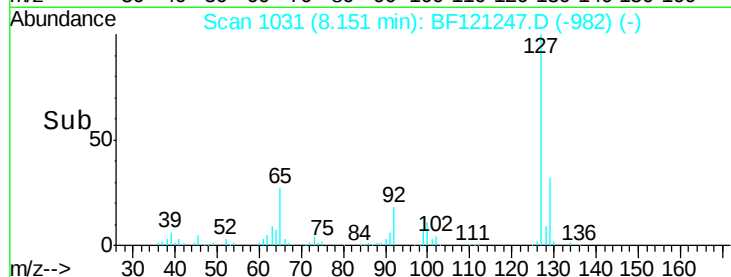
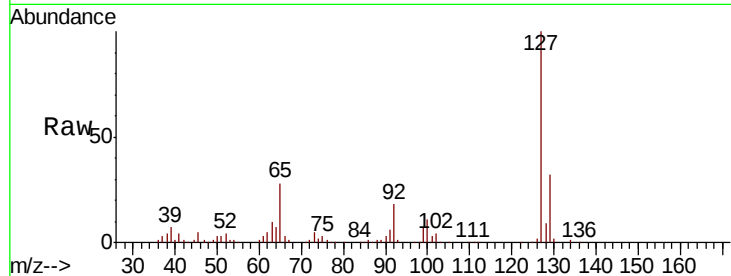
#33
4-Chloroaniline
Concen: 21.754 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	271329		
129	31.9	26.2	39.2	
65	27.8	21.4	32.0	
92	17.8	13.8	20.8	

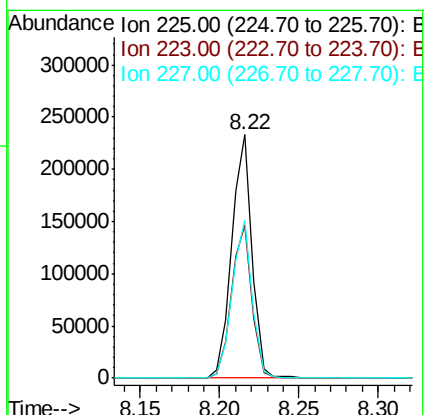
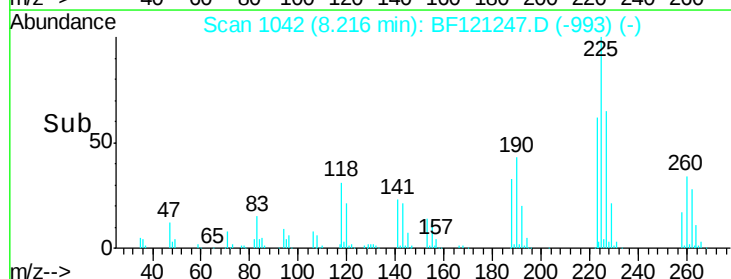
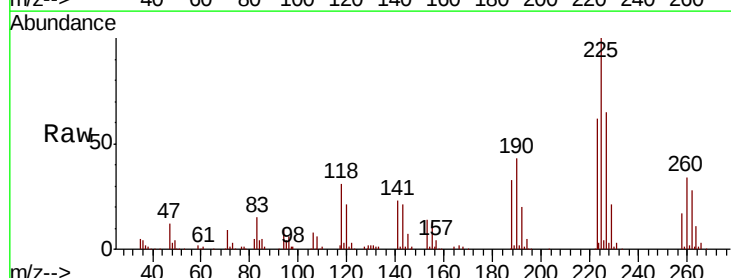
Manual Integrations
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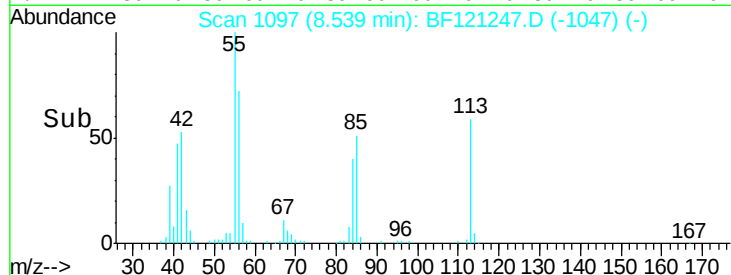
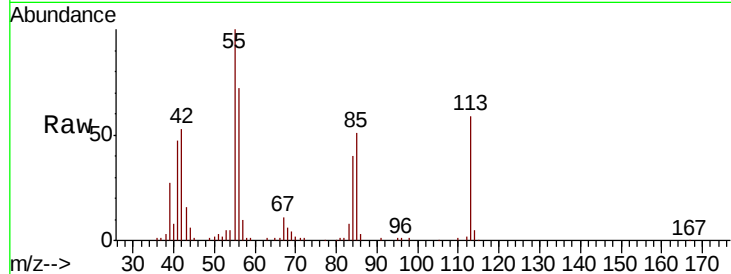
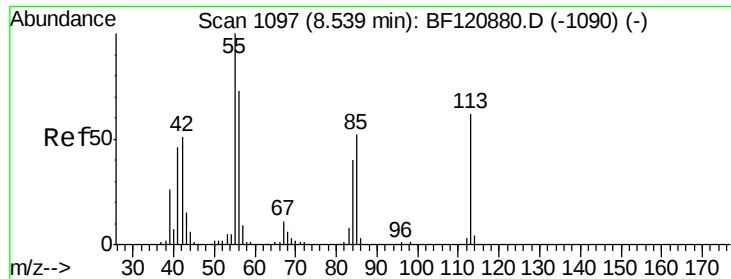
mohammad
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#34
Hexachlorobutadiene
Concen: 39.355 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	205925		
223	62.5	49.7	74.5	
227	64.9	51.4	77.0	





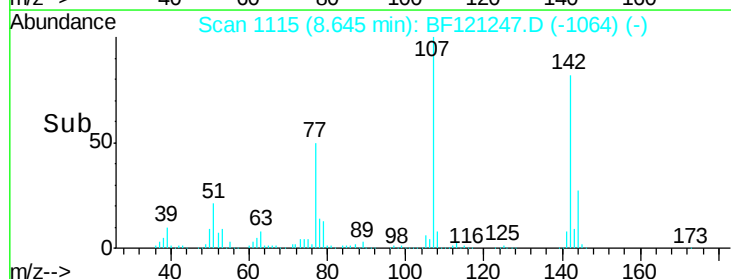
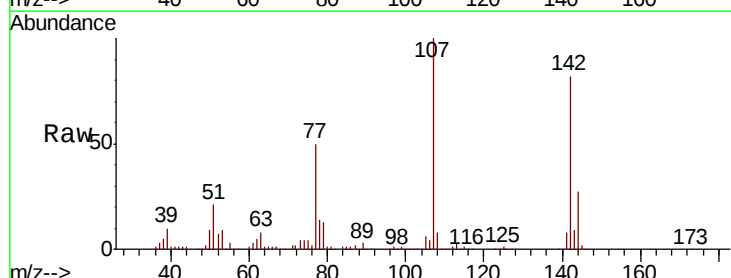
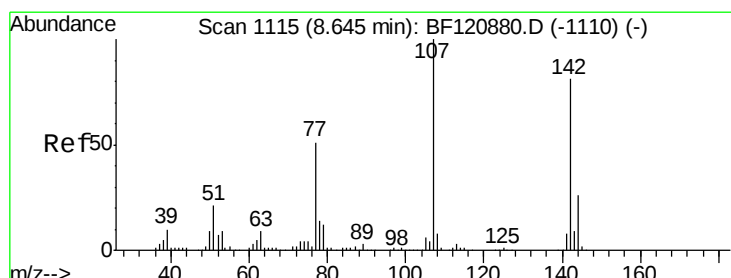
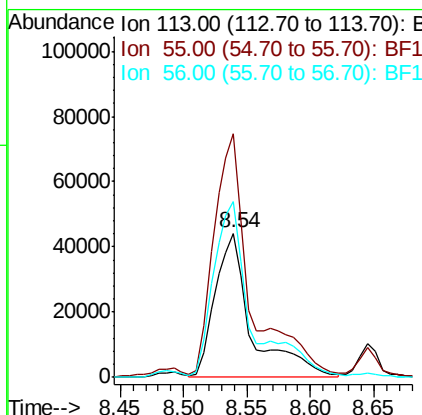
#35
Caprolactam
Concen: 34.848 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	169.1	131.0	171.0		
56	122.2	90.4	130.4		

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

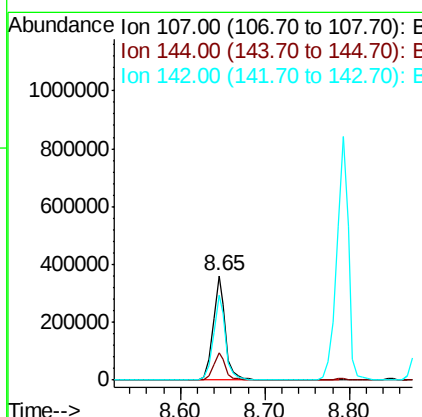
Manual Integrations
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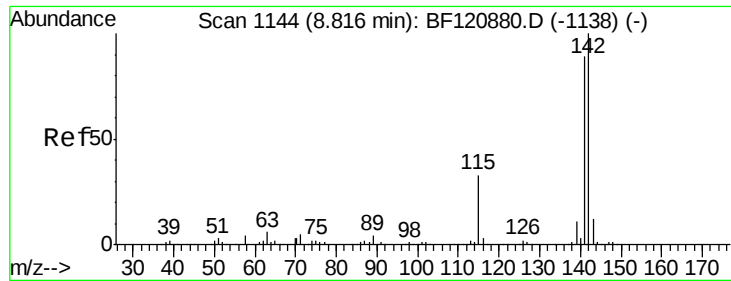
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.525 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.7	20.9	31.3		
142	81.6	64.5	96.7		





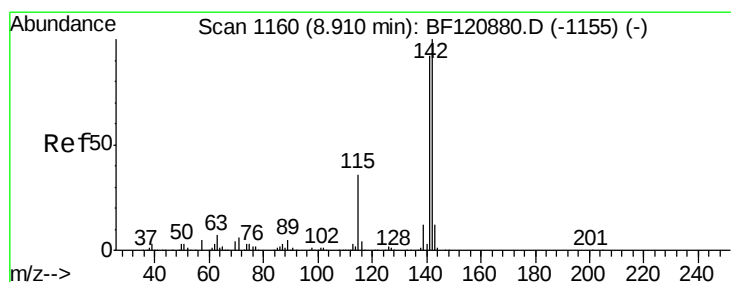
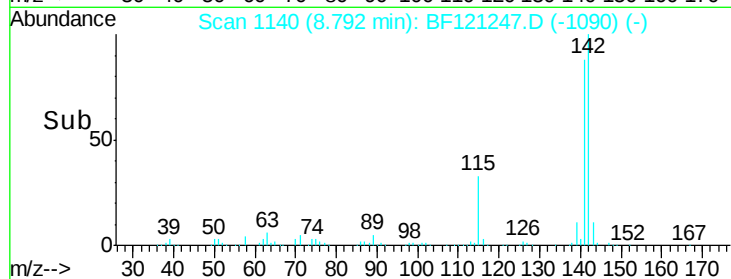
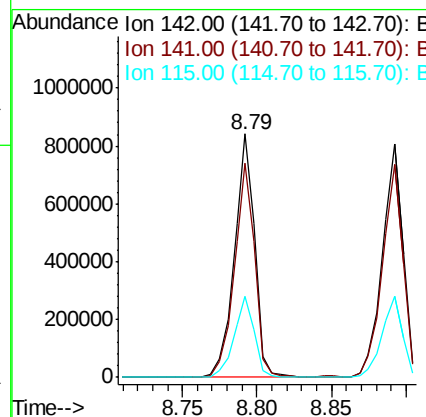
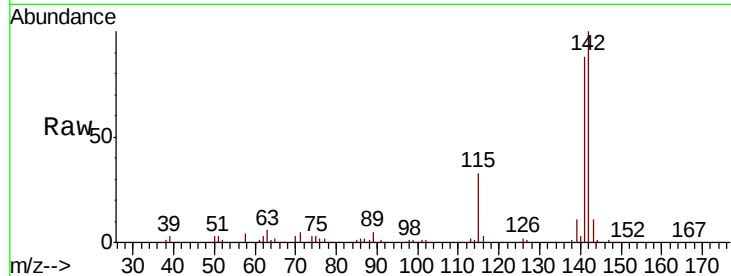
#37
2-Methylnaphthalene
Concen: 44.600 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	809694		
141	87.8		70.6	105.8
115	33.1		27.1	40.7

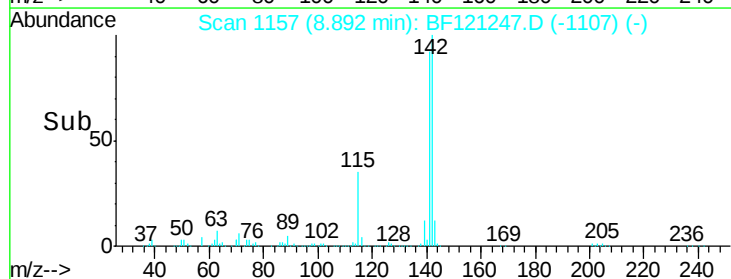
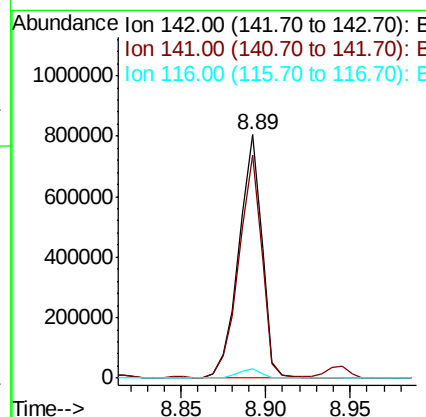
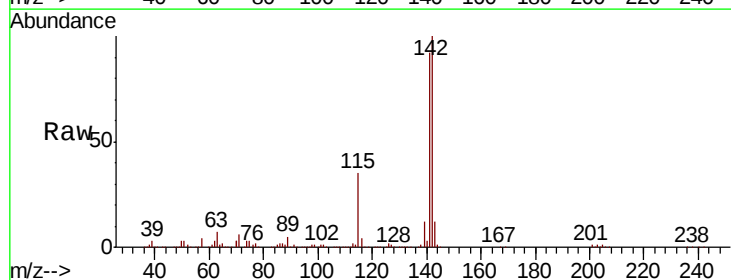
Manual Integrations
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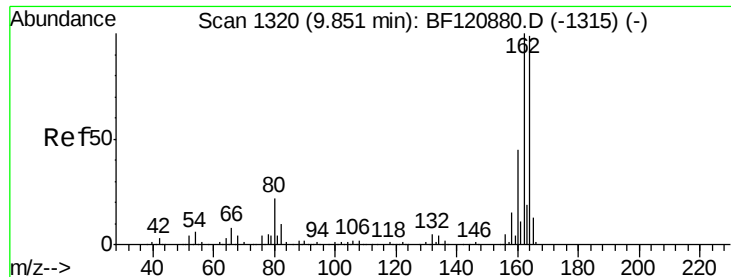
mohammad
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#38
1-Methylnaphthalene
Concen: 44.290 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	761541		
141	91.5		73.0	109.6
116	3.6		3.0	4.6





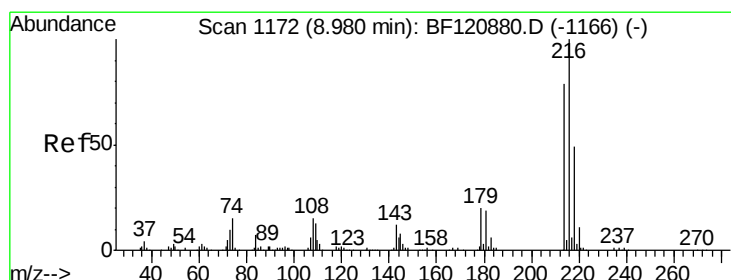
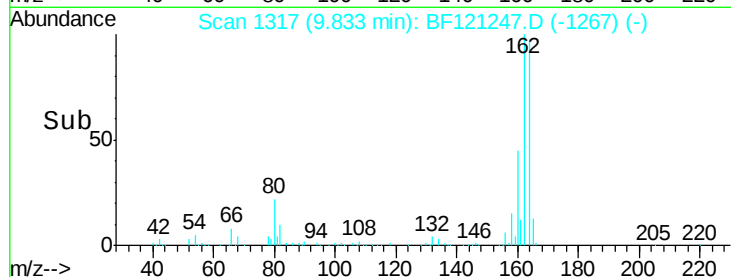
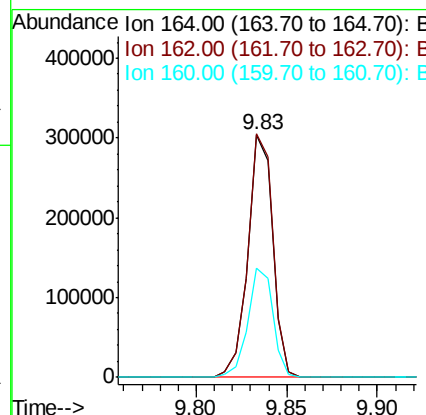
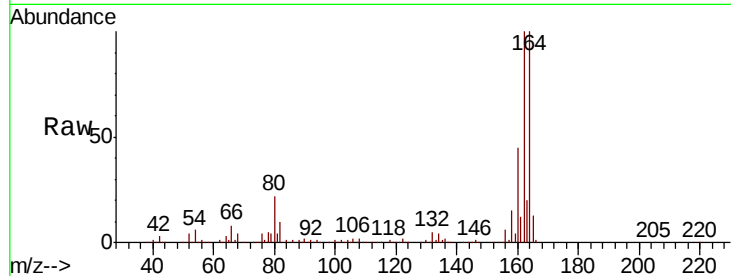
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	288963		
162	100.4	82.2	123.2	
160	44.8	37.2	55.8	

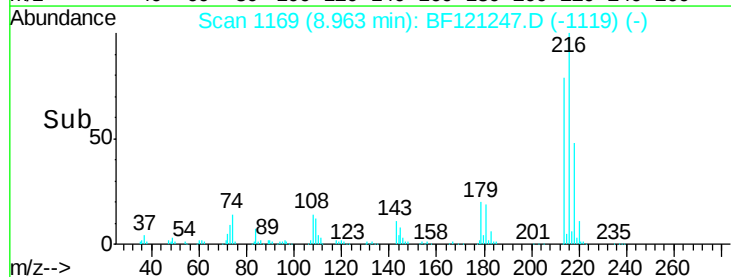
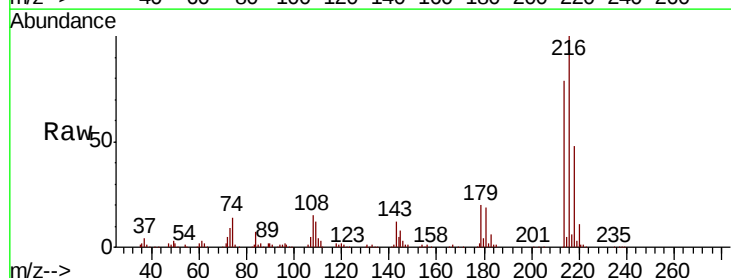
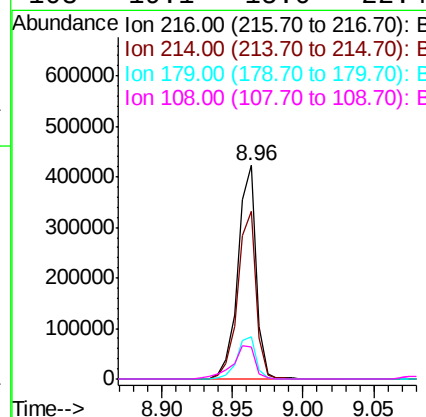
Manual Integrations
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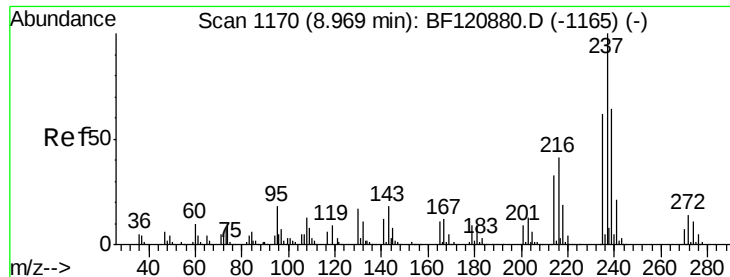
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.195 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	380501		
214	79.3	63.9	95.9	
179	20.5	16.6	24.8	
108	19.1	15.0	22.4	





#41

Hexachlorocyclopentadiene

Concen: 62.675 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

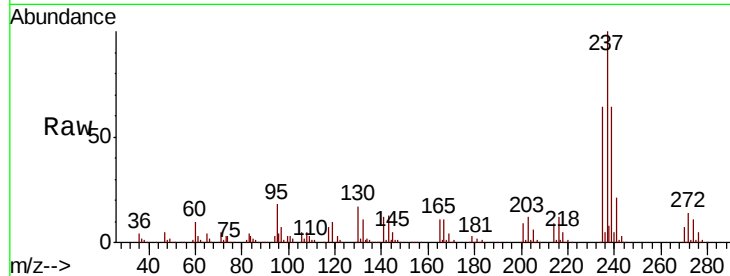
ClientSampleId :

ES-TOTE-COMPMSD

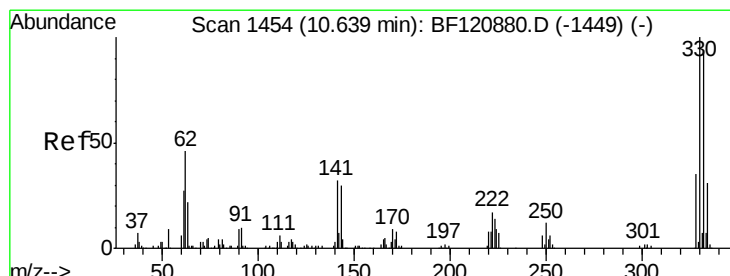
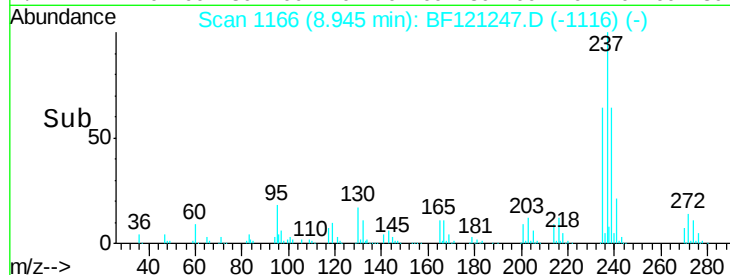
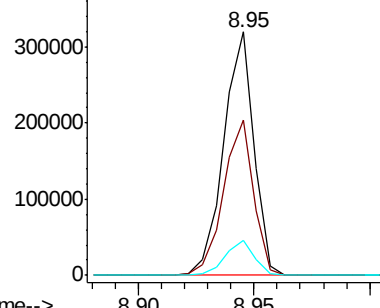
Tot Ion:	237	Resp:	291634
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.2	83.2
272	14.1	0.0	33.6

Manual Integrations
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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: 116.172 ng

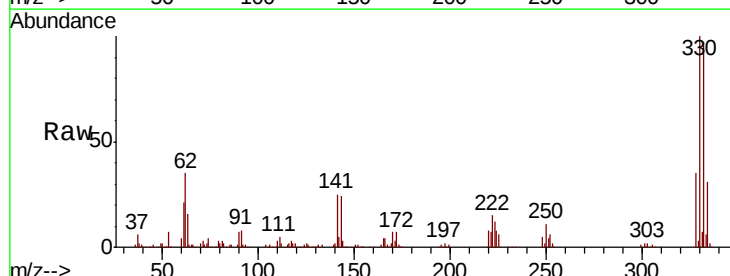
RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

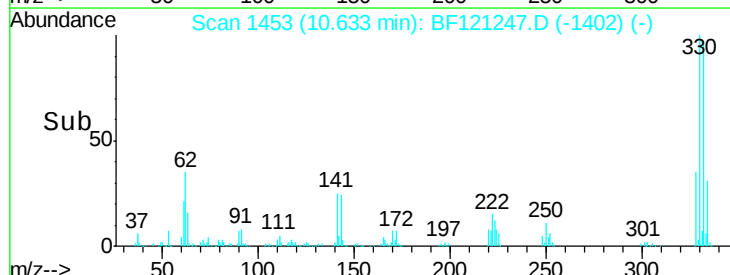
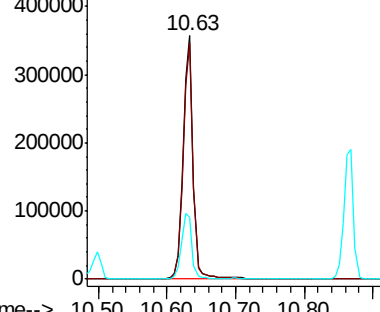
Lab File: BF121247.D

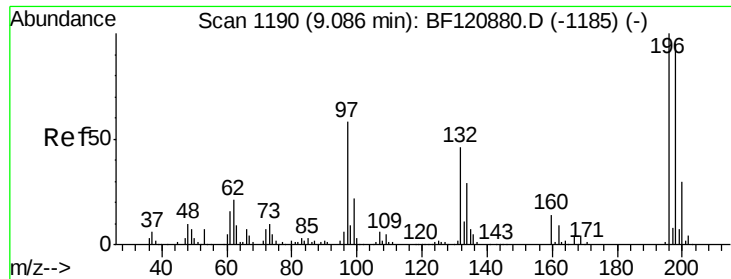
Acq: 11 Aug 2020 18:51

Tgt Ion:	330	Resp:	367451
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.1	114.1
141	28.9	24.1	36.1



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





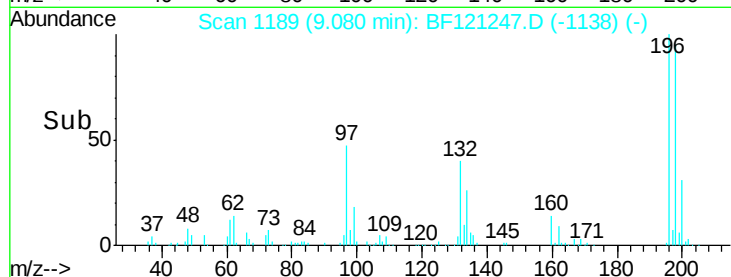
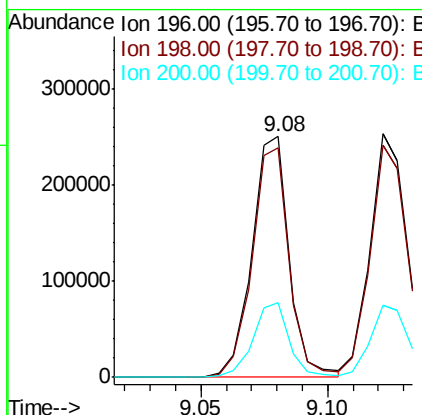
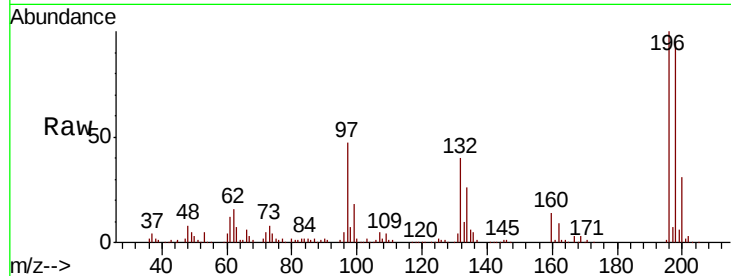
#43
 2,4,6-Trichlorophenol
 Concen: 43.232 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMSD

Tot Ion:	196	Resp:	256275
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.5	116.3
200	31.0	24.6	37.0

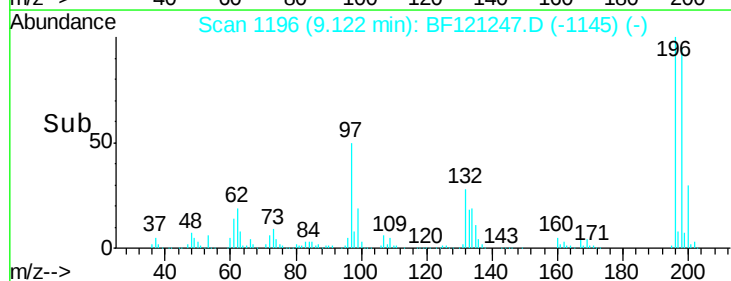
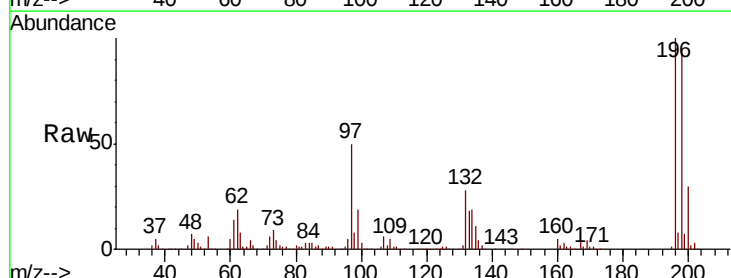
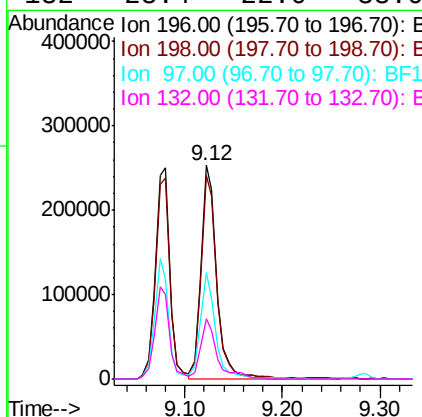
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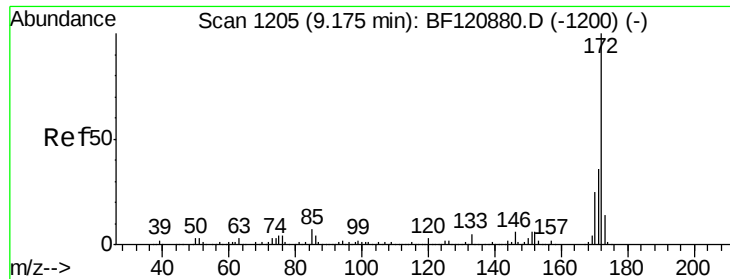
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#44
 2,4,5-Trichlorophenol
 Concen: 41.582 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Tgt Ion:	196	Resp:	279600
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.2	114.4
97	49.7	37.3	55.9
132	28.4	22.0	33.0





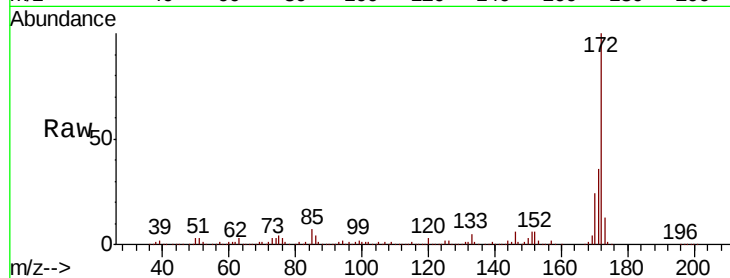
#45
2-Fluorobiphenyl
Concen: 72.297 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

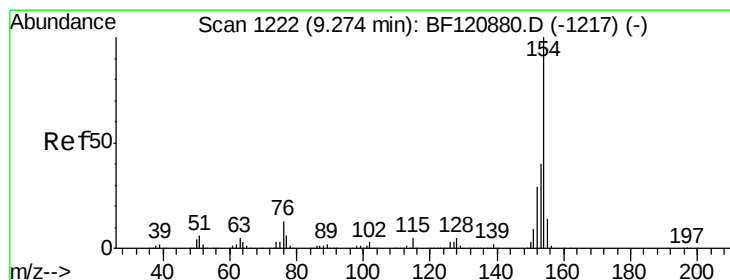
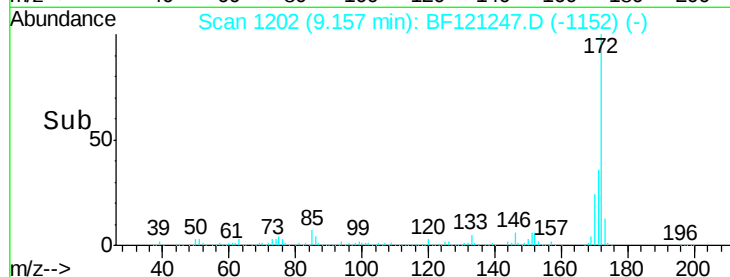
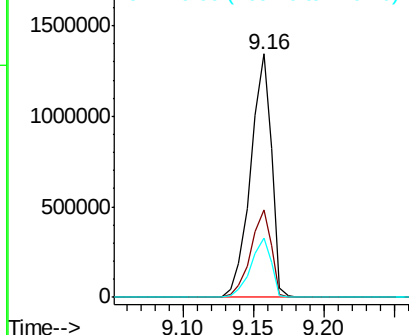
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.4	19.6	29.4

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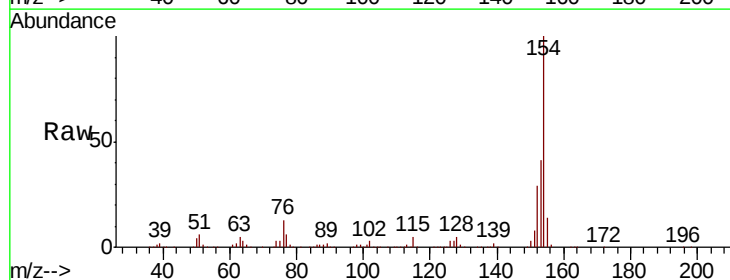


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

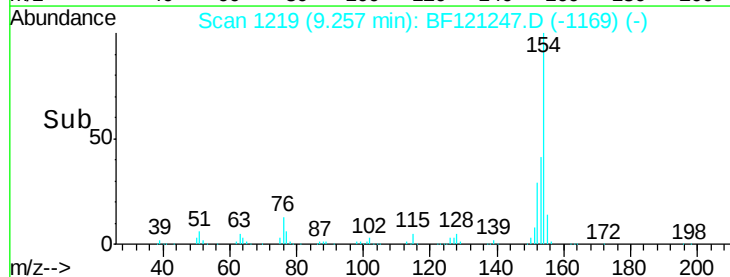
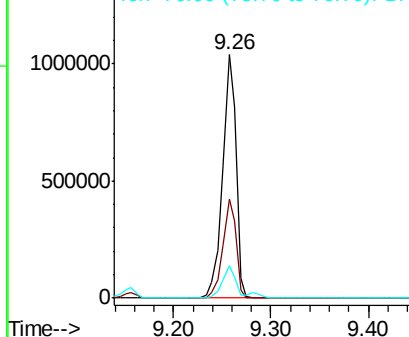


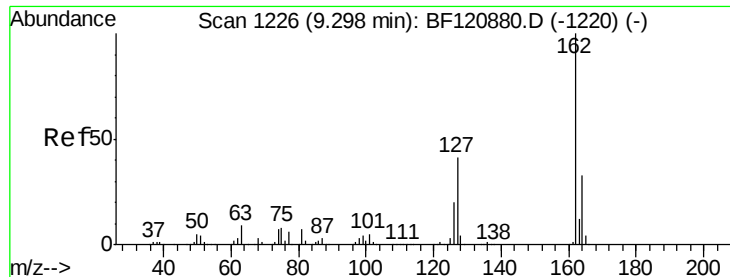
#46
1,1'-Biphenyl
Concen: 44.924 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	13.1	0.0	33.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





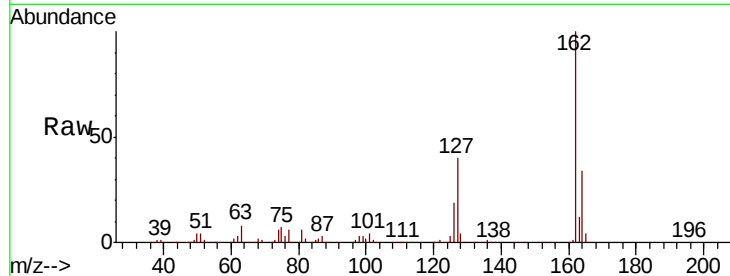
#47
 2-Chloronaphthalene
 Concen: 42.341 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMSD

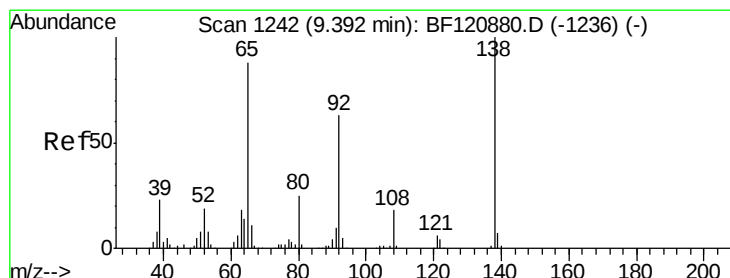
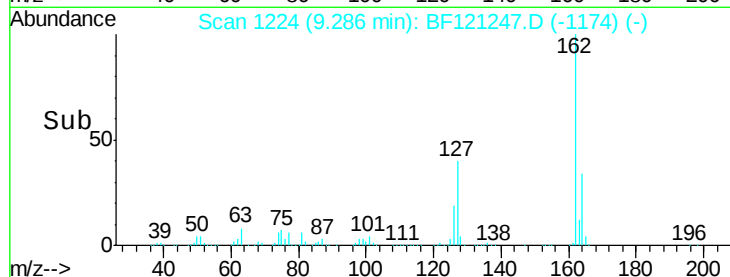
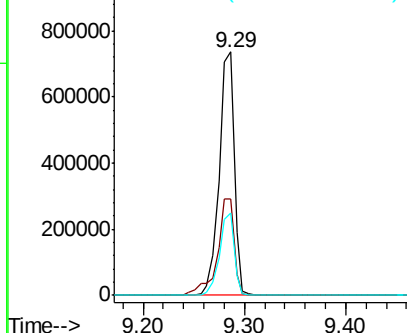
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.5	31.1	46.7	
164	33.6	26.6	40.0	

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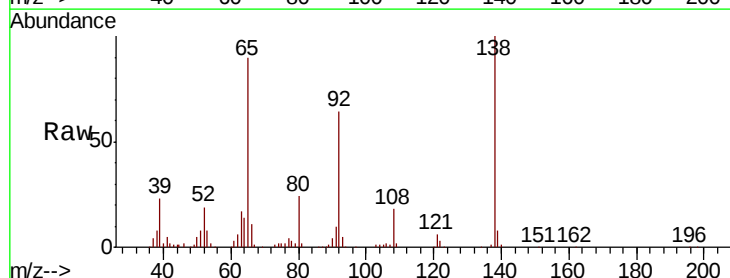


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

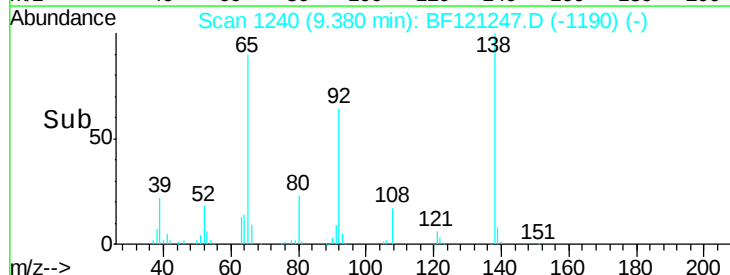
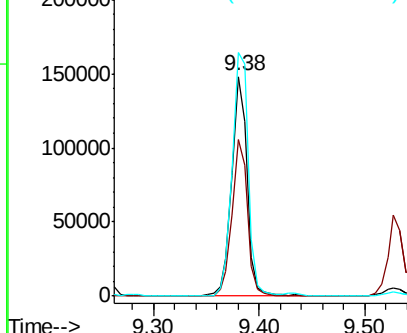


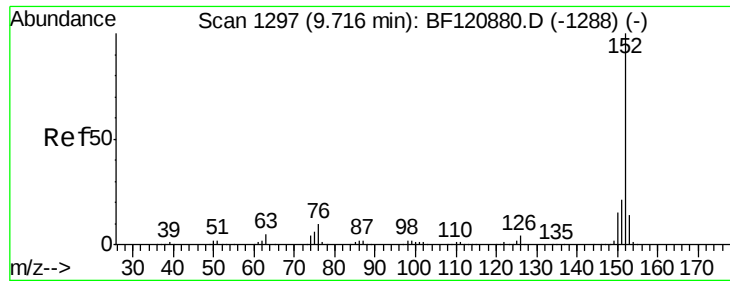
#48
 2-Nitroaniline
 Concen: 27.519 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.4	58.0	87.0	
138	110.8	93.3	139.9	



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





#49

Acenaphthylene

Concen: 43.874 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMPMSD

Tot Ion:152 Resp: 1224880

Ion Ratio Lower Upper

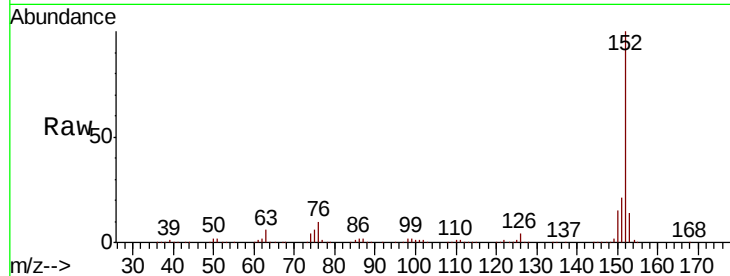
152 100

151 20.7 16.6 25.0

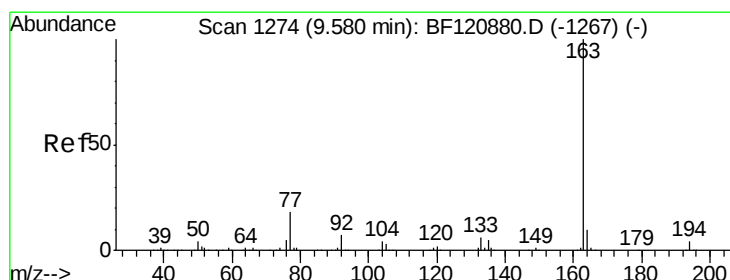
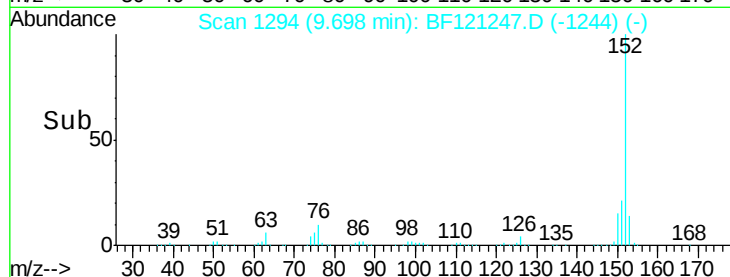
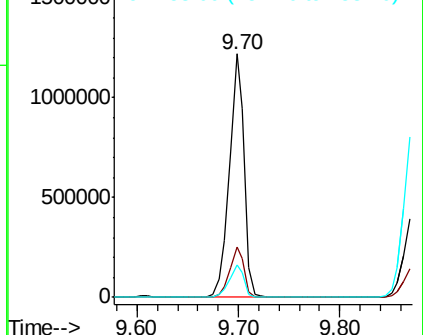
153 13.5 11.0 16.4

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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: 45.392 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

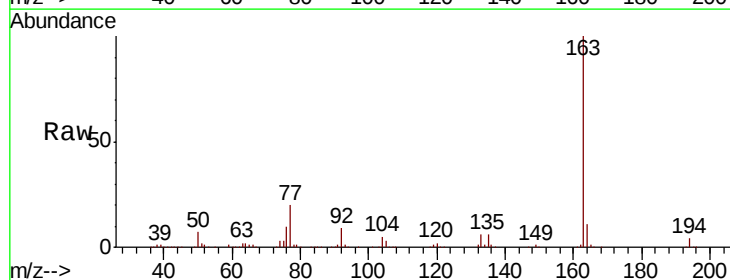
Tgt Ion:163 Resp: 946277

Ion Ratio Lower Upper

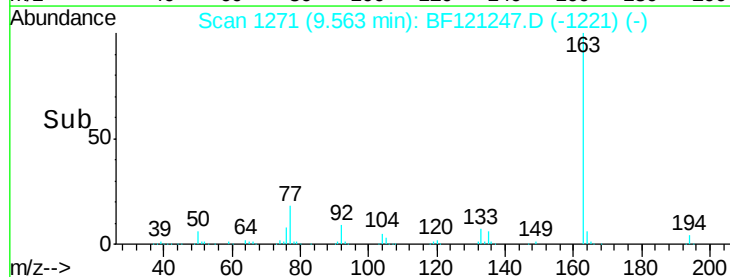
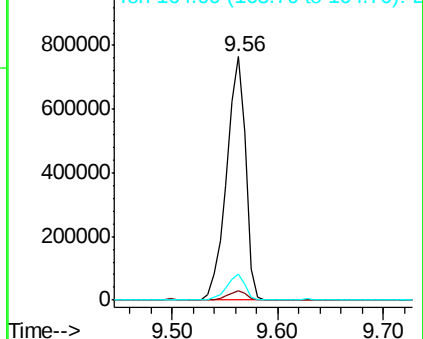
163 100

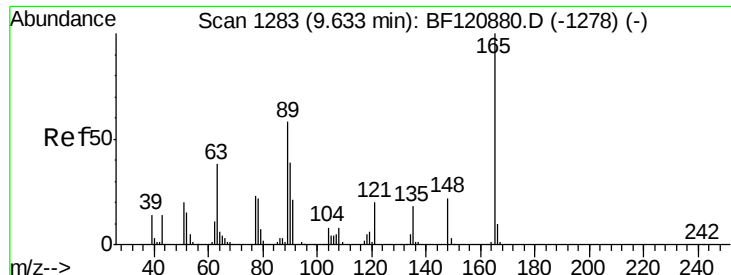
194 3.9 3.0 4.4

164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





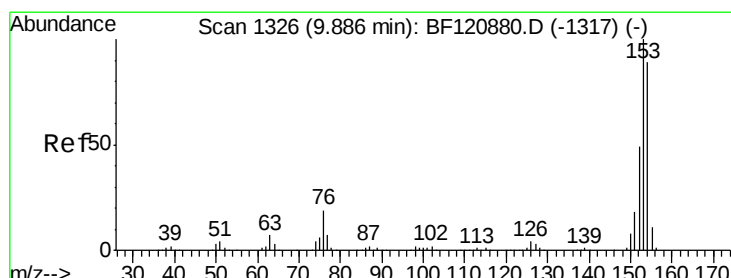
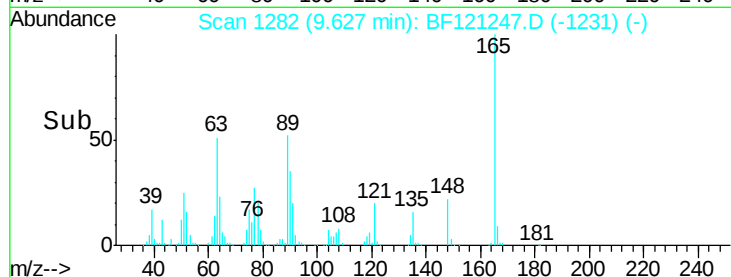
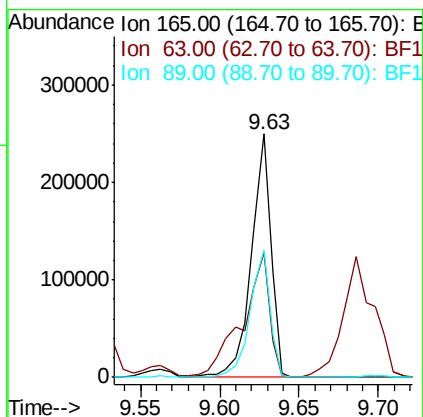
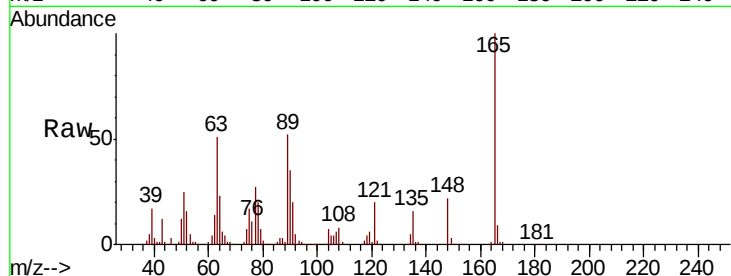
#51
 2,6-Dinitrotoluene
 Concen: 47.857 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMSD

Tot Ion:	165	Resp:	214340
Ion Ratio	Lower	Upper	
165	100		
63	51.4	41.1	61.7
89	52.4	43.5	65.3

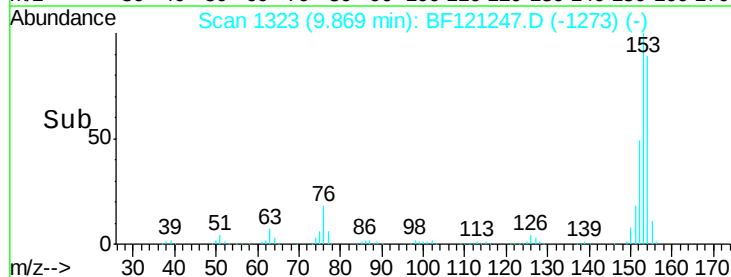
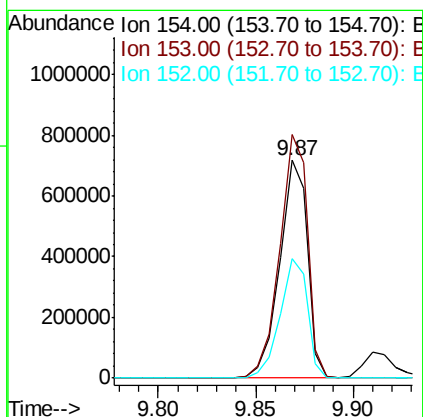
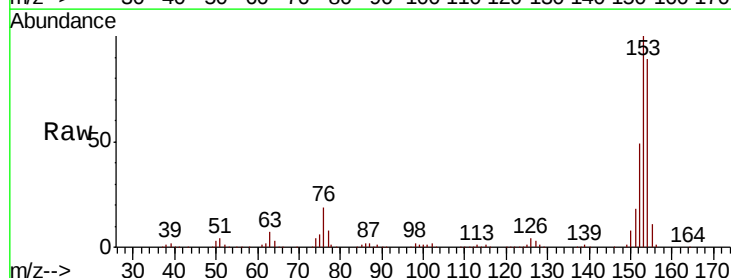
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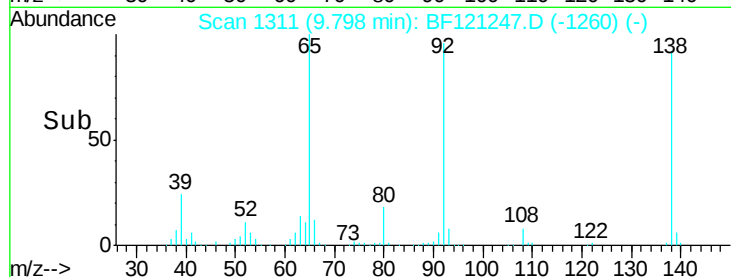
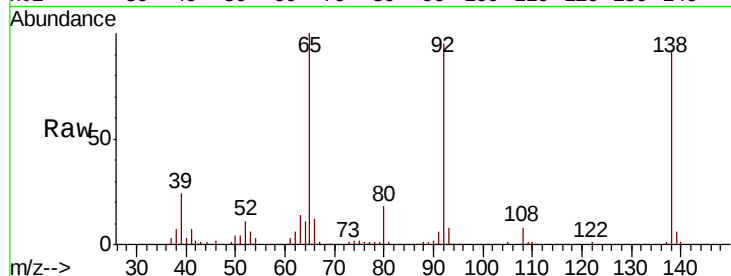
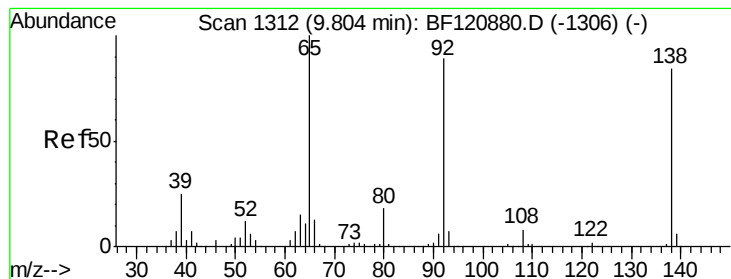
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#52
 Acenaphthene
 Concen: 39.898 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Tgt Ion:	154	Resp:	708177
Ion Ratio	Lower	Upper	
154	100		
153	112.0	89.6	134.4
152	54.9	43.8	65.6





#53

3-Nitroaniline

Concen: 25.491 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tot Ion:	138	Resp:	143187
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.8	11.8
92	103.9	85.0	127.4

Instrument :

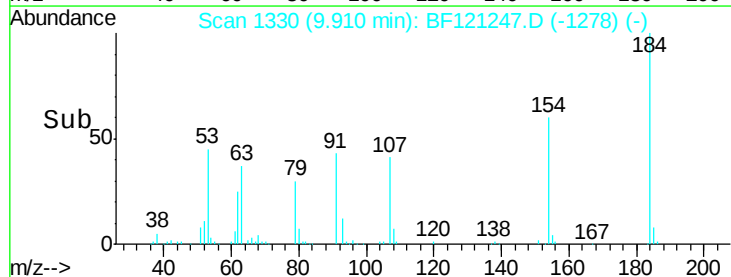
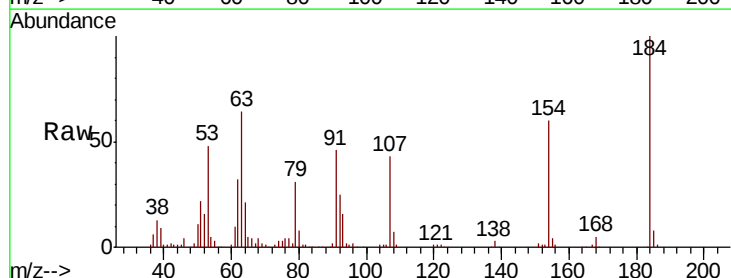
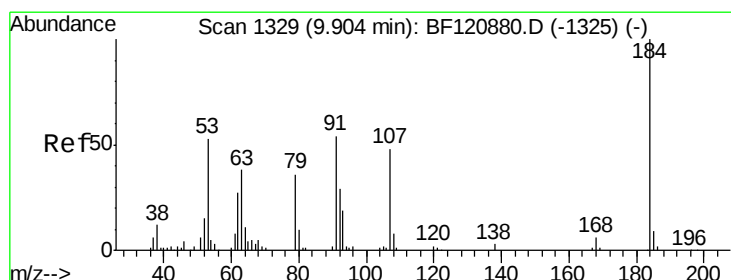
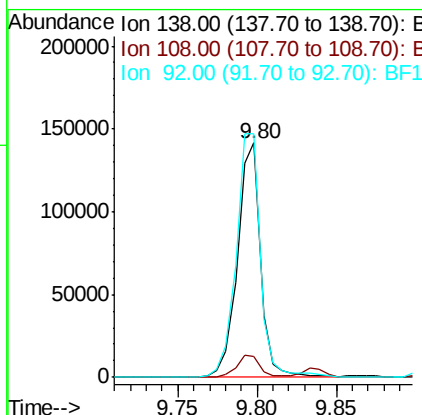
BNA_F

ClientSampleId :

ES-TOTE-COMPMSD

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#54

2,4-Dinitrophenol

Concen: 65.696 ng

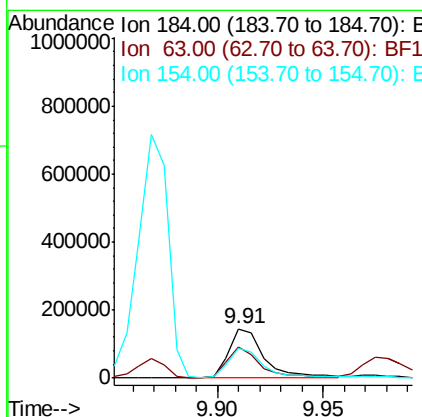
RT: 9.91 min Scan# 1330

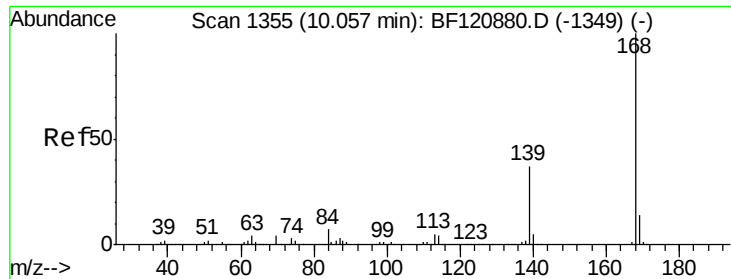
Delta R.T. 0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tgt Ion:	184	Resp:	165920
Ion Ratio	Lower	Upper	
184	100		
63	63.8	42.5	63.7#
154	60.3	46.8	70.2





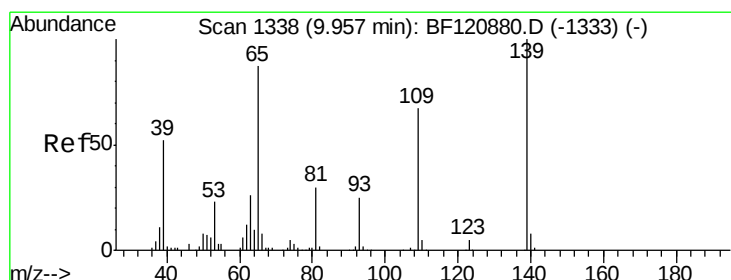
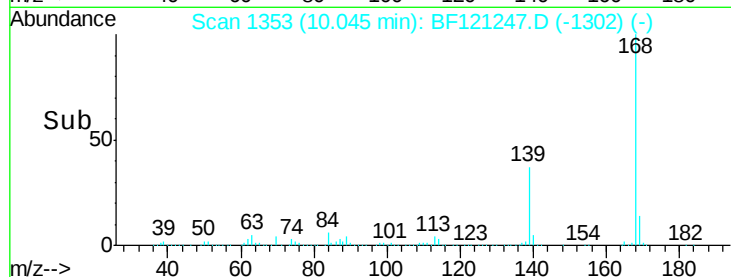
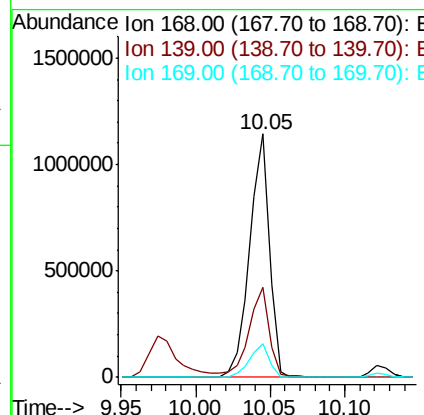
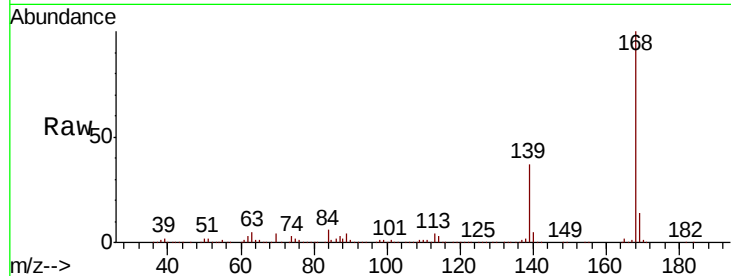
#55
Dibenzenofuran
Concen: 40.944 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.1	45.1
169	13.7	11.3	16.9

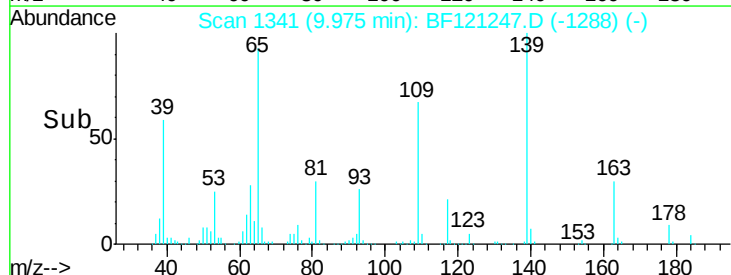
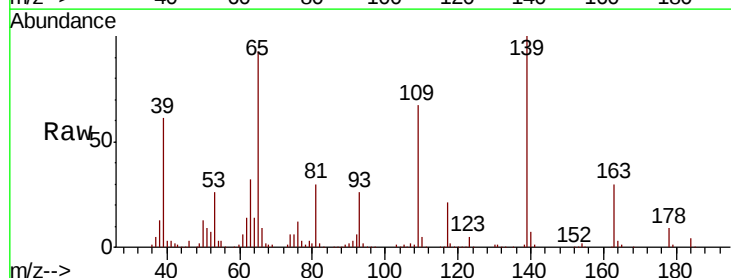
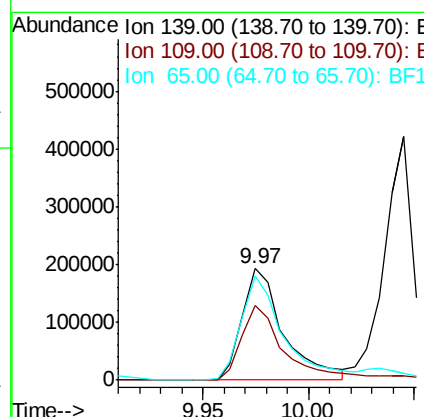
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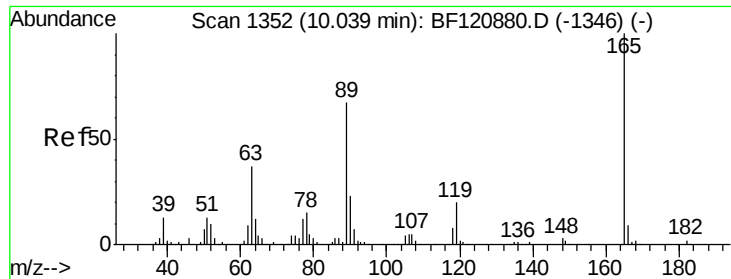
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#56
4-Nitrophenol
Concen: 62.080 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.7	44.8	84.8
65	93.1	65.6	105.6





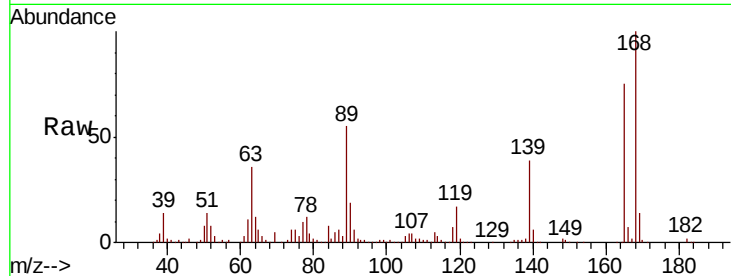
#57
 2,4-Dinitrotoluene
 Concen: 45.910 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMSD

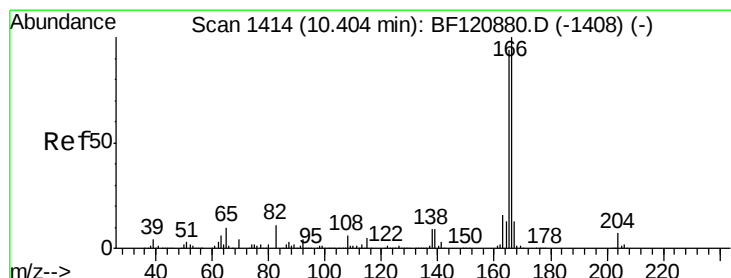
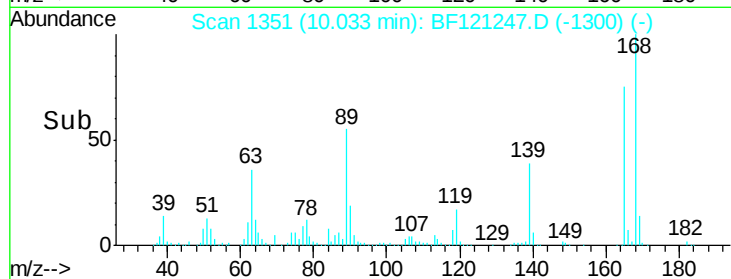
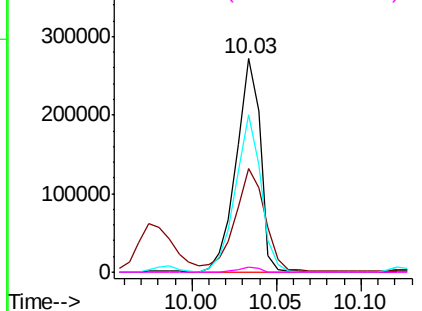
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		270025		
63	48.3	29.8	44.8#		
89	73.6	50.3	75.5		
182	2.4	2.1	3.1		

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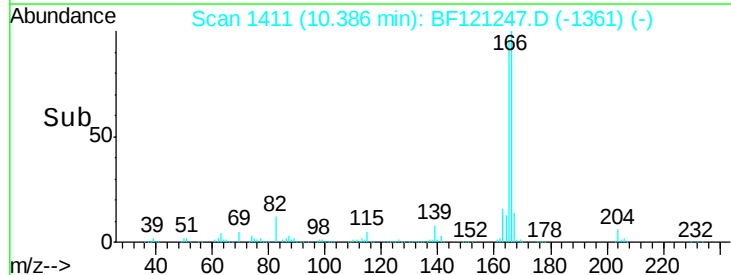
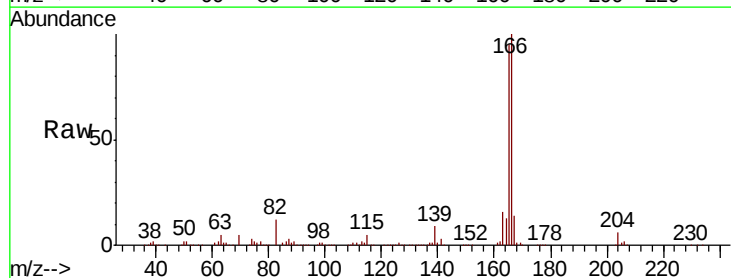
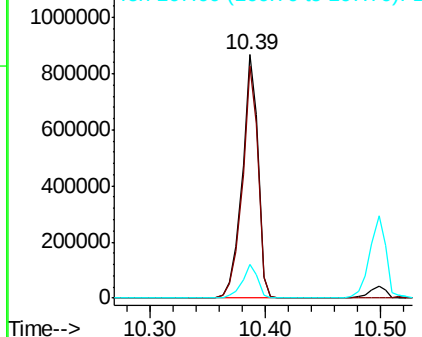
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 43.072 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		824552		
165	95.3	76.4	114.6		
167	13.9	10.7	16.1		

Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





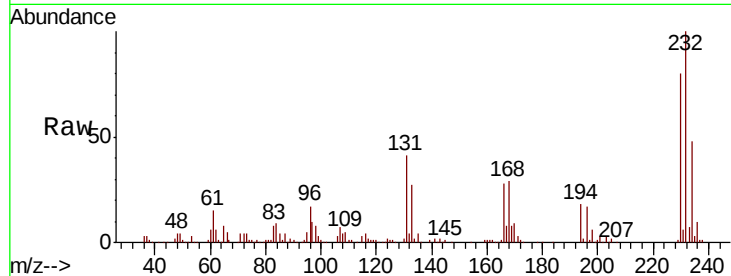
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.494 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

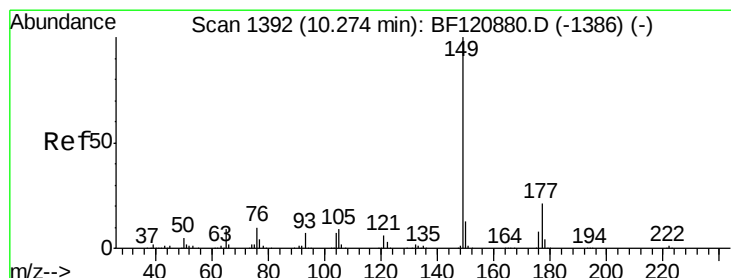
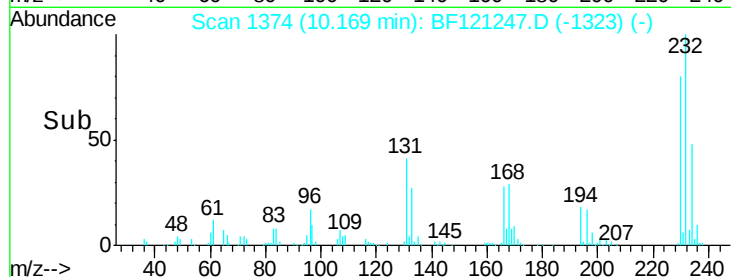
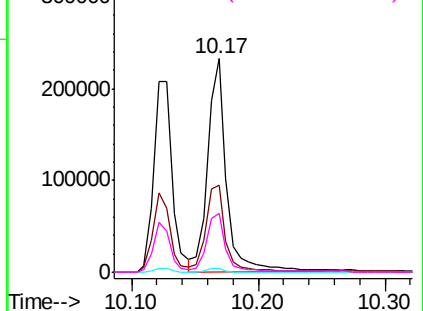
Tot Ion	Ratio	Resp	Lower	Upper
232	100	238031		
131	44.2		34.2	51.2
130	2.1		1.7	2.5
166	27.9		23.1	34.7

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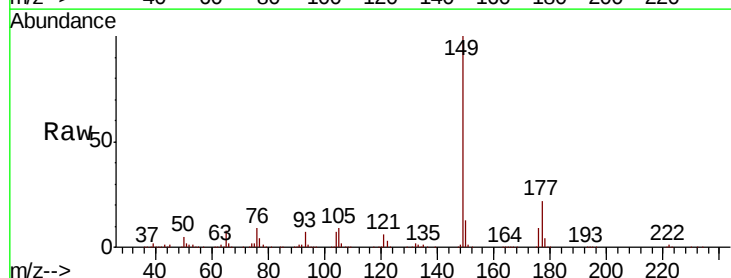


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

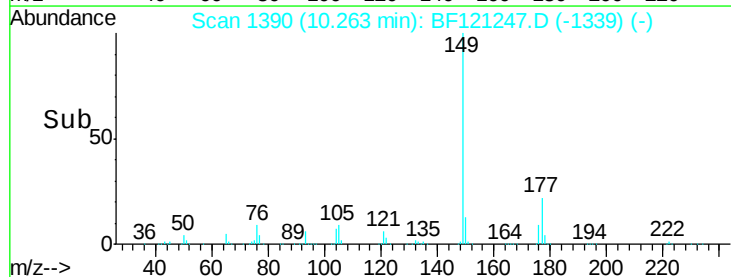
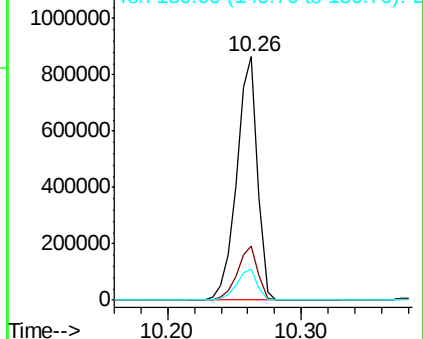


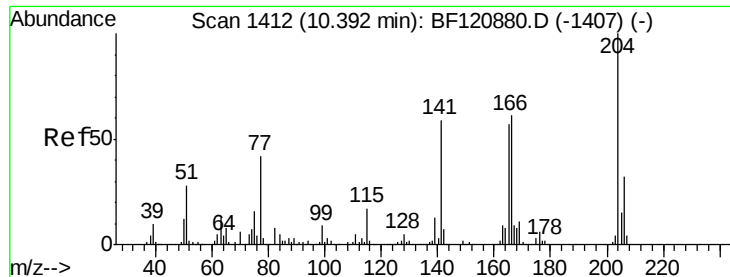
#60
Diethylphthalate
Concen: 44.316 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	934453		
177	22.4		17.6	26.4
150	12.8		10.2	15.4



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





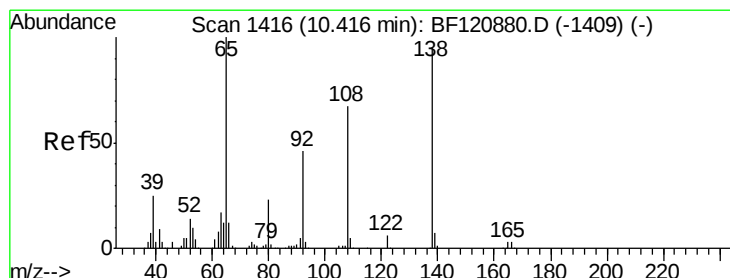
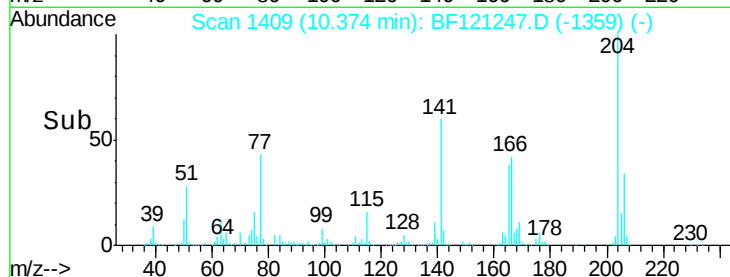
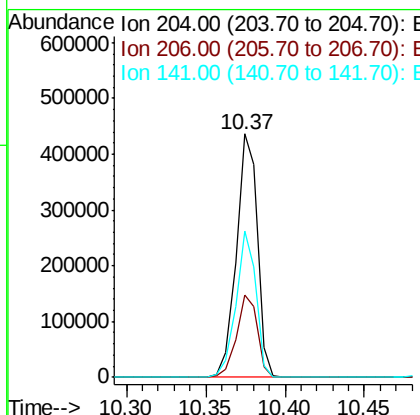
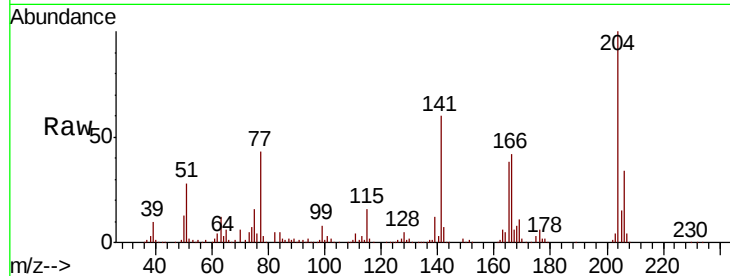
#61
4-Chlorophenyl-phenylether
Concen: 39.186 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion:	204	Resp:	400121
Ion Ratio		Lower	Upper
204	100		
206	33.6	26.0	39.0
141	60.0	46.9	70.3

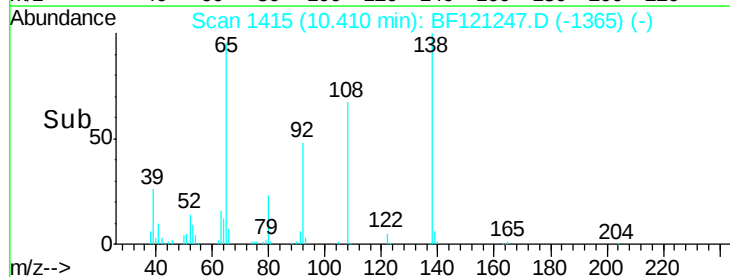
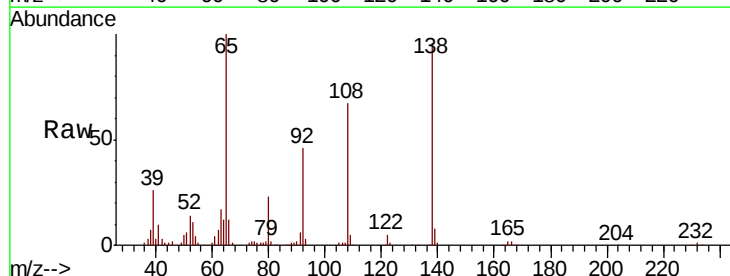
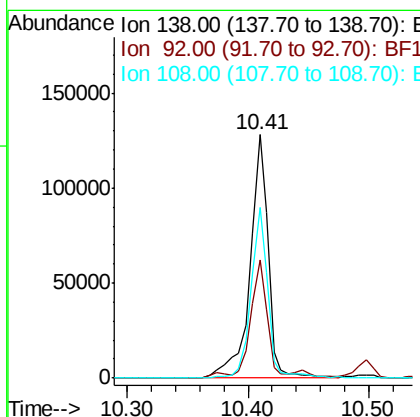
Manual Integrations
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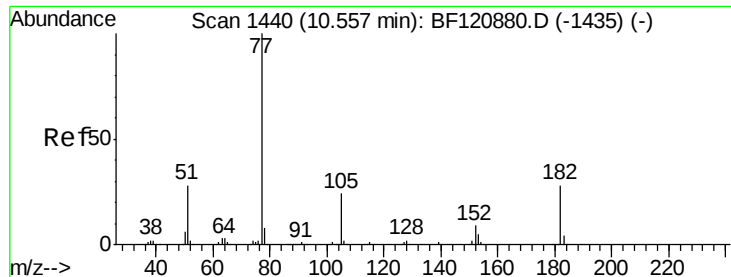
mohammad
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#62
4-Nitroaniline
Concen: 24.779 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion:	138	Resp:	135584
Ion Ratio		Lower	Upper
138	100		
92	48.3	25.2	65.2
108	70.0	46.7	86.7





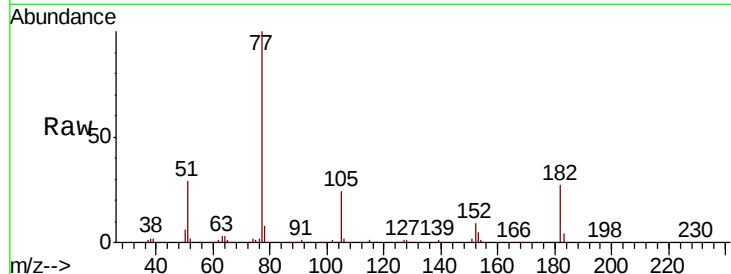
#63
Azobenzene
Concen: 43.298 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	869181		
182	27.2	4.5	44.5	
105	24.0	3.4	43.4	
51	28.6	8.7	48.7	

Manual Integrations
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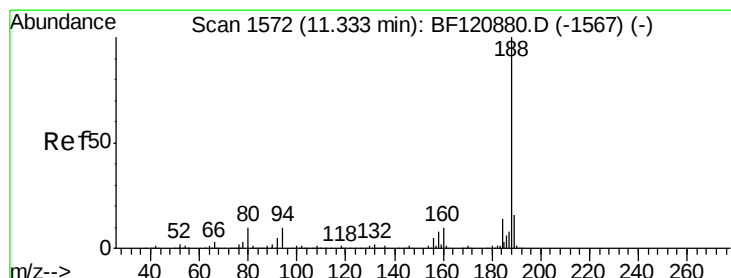
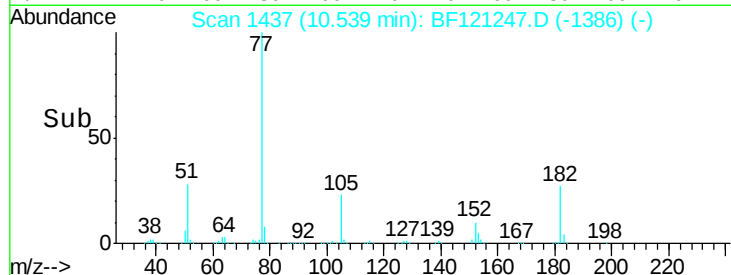
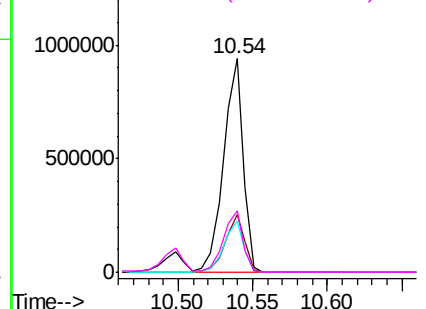
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

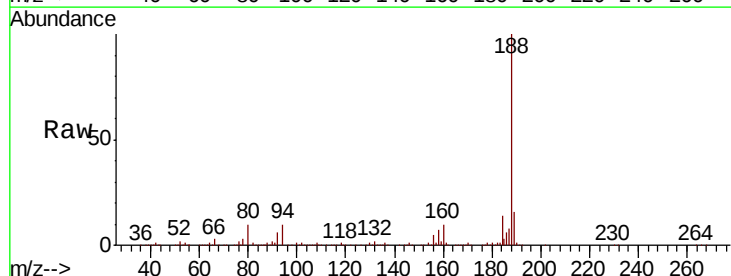
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	576817		
94	9.6	8.0	12.0	
80	10.1	8.3	12.5	

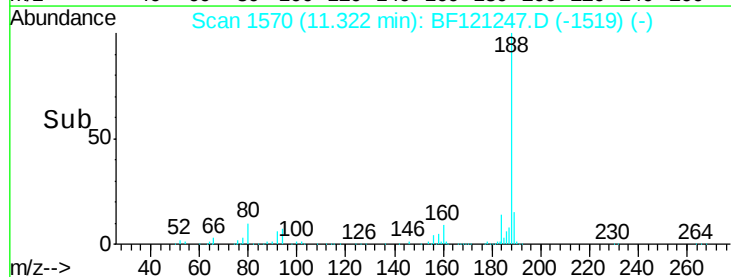
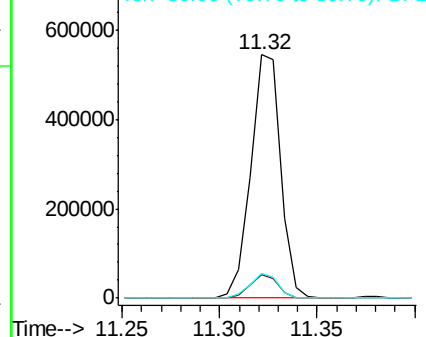


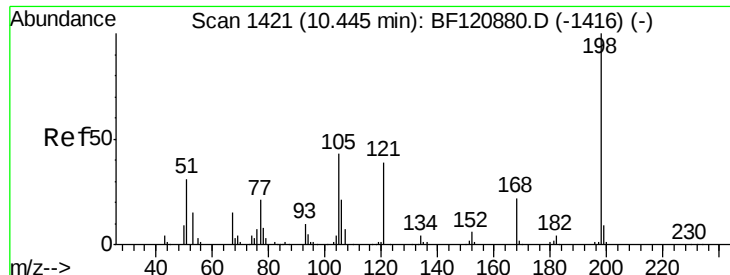
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





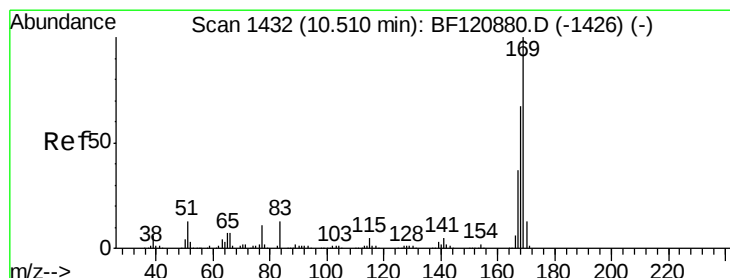
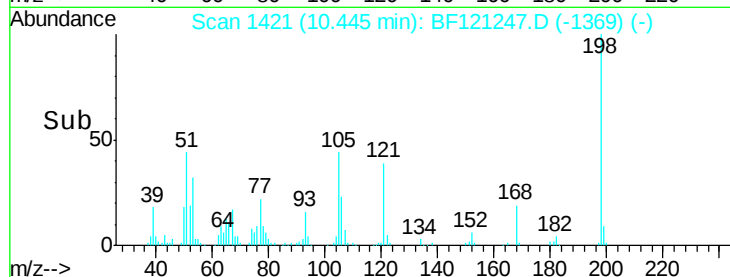
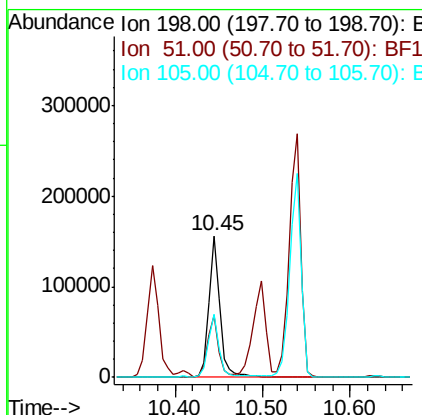
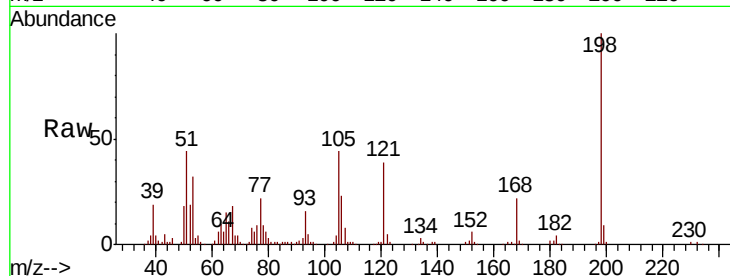
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.539 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	140424		
51	43.7	23.4	63.4	
105	44.3	23.7	63.7	

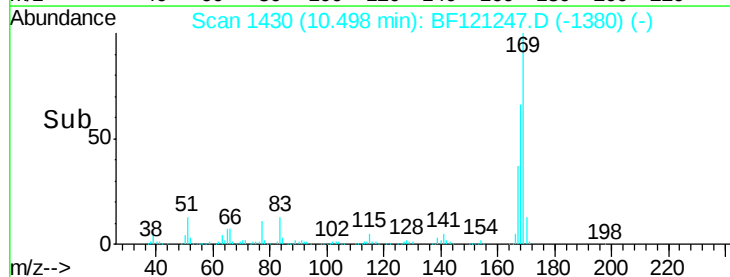
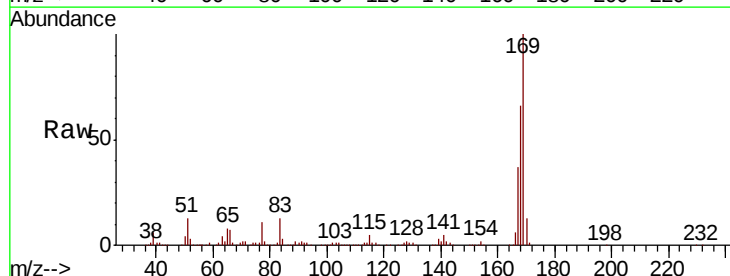
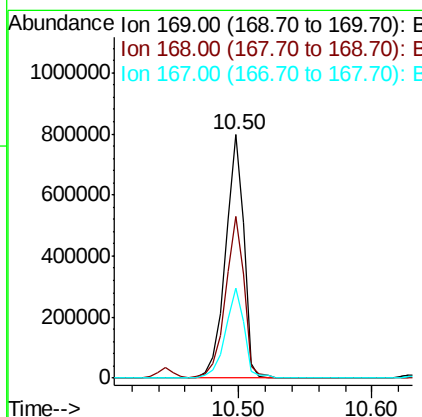
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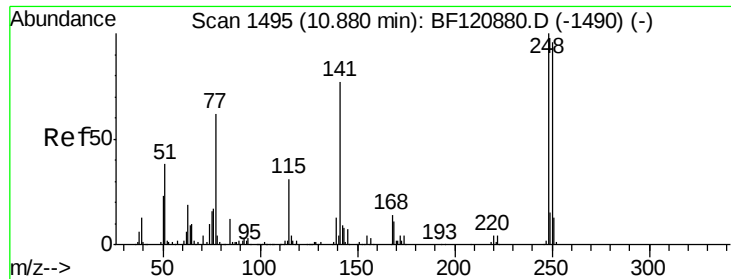
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 42.553 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	772145		
168	66.5	53.7	80.5	
167	37.1	30.0	45.0	





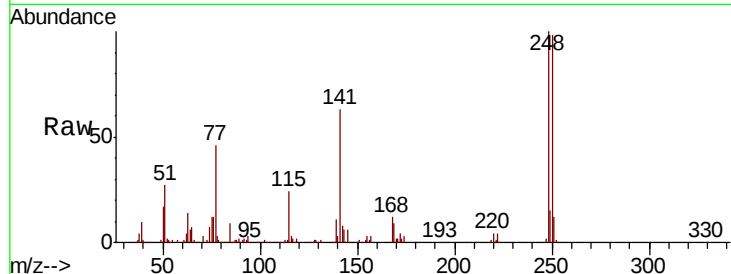
#67
4-Bromophenyl-phenylether
Concen: 42.121 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.0	115.6
141	62.8	56.6	85.0

Manual Integrations
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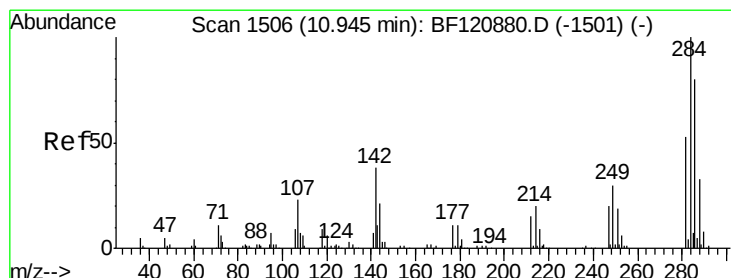
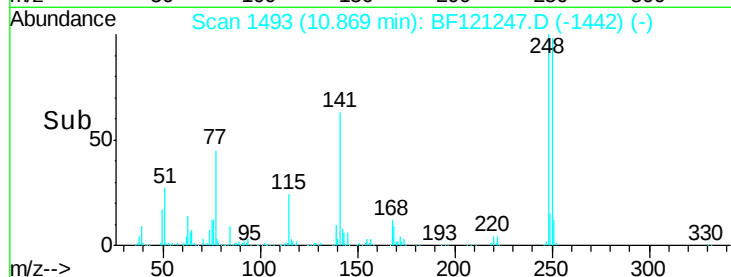
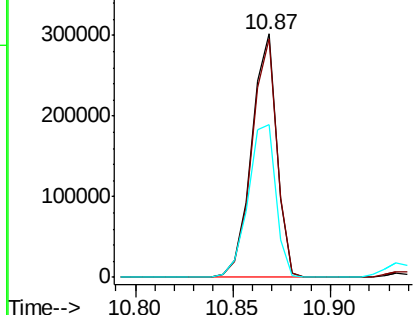


Abundance

Ion 248.00 (247.70 to 248.70): E

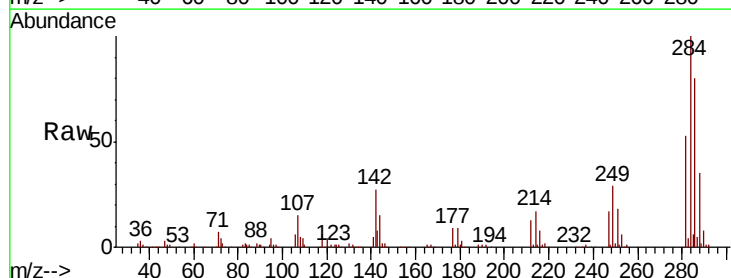
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.011 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	21.1	31.7
249	28.8	22.5	33.7

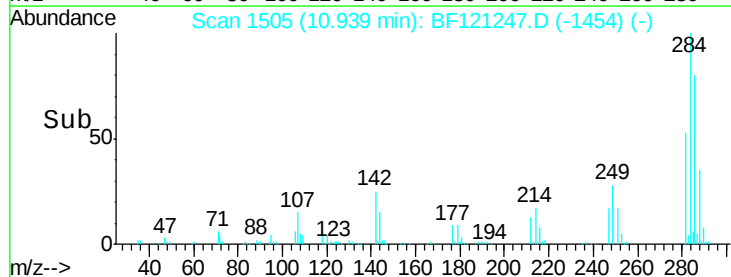
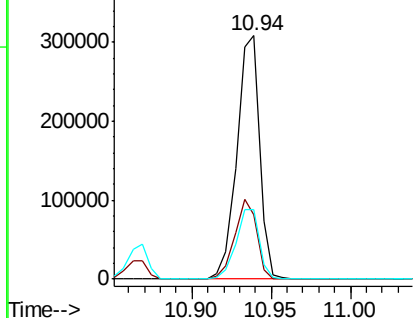


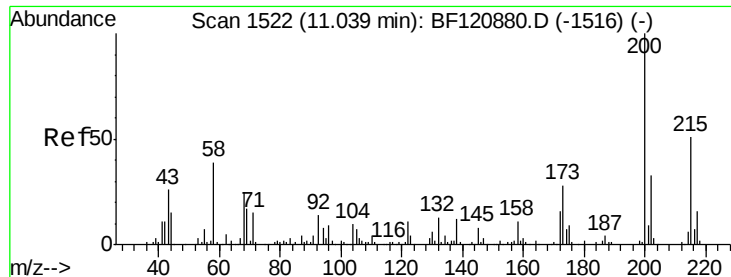
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





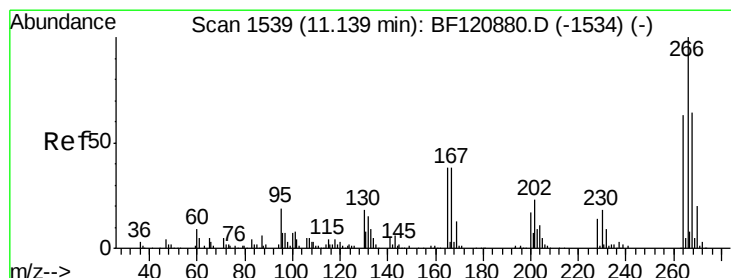
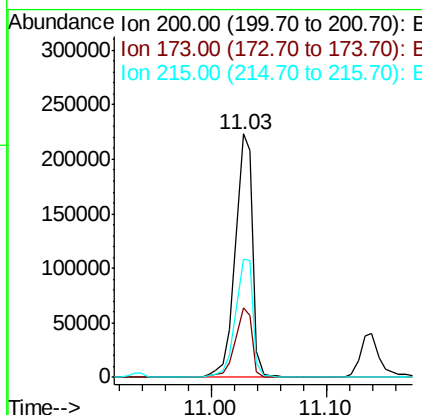
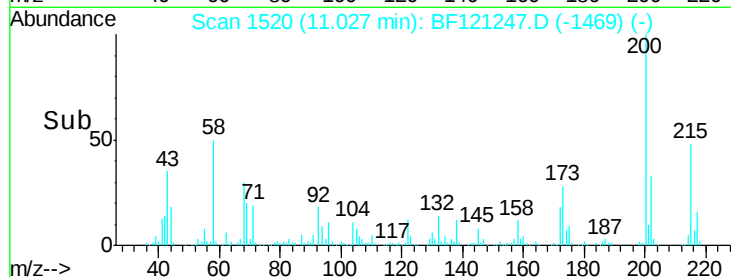
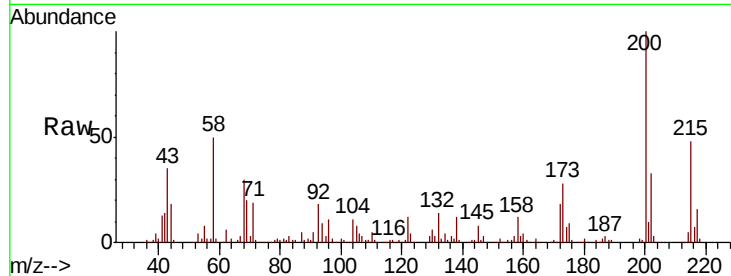
#69
Atrazine
Concen: 51.566 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.6	47.6
215	48.4	28.8	68.8

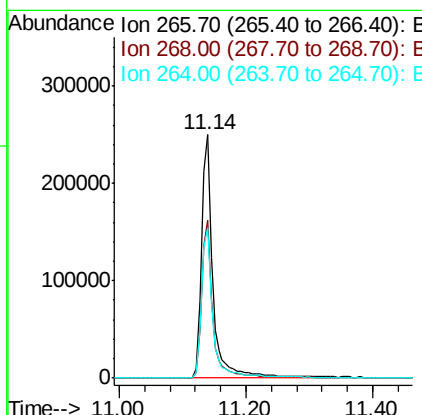
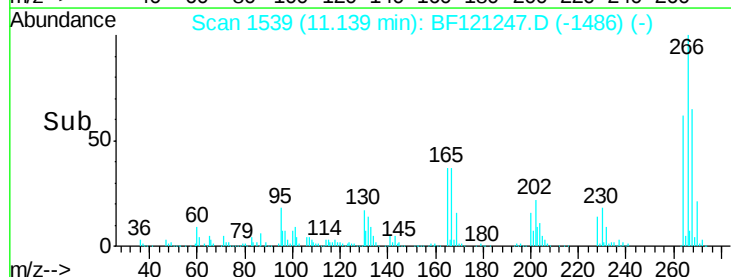
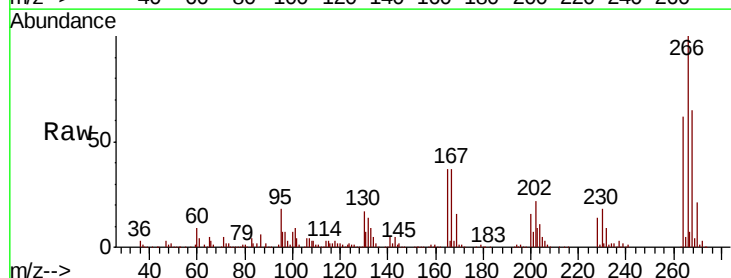
Manual Integrations
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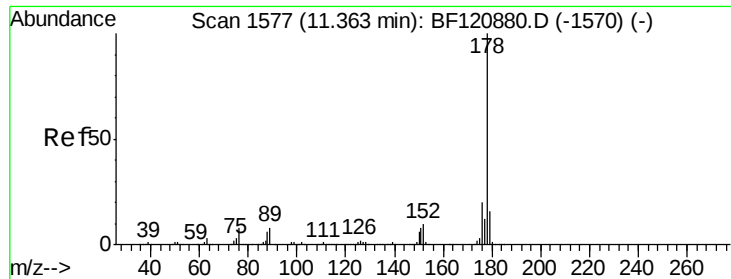
mohammad
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#70
Pentachlorophenol
Concen: 78.371 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.7	74.5
264	61.9	50.4	75.6





#71

Phenanthrene

Concen: 42.814 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMPMSD

Tot Ion:178 Resp: 1270110

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

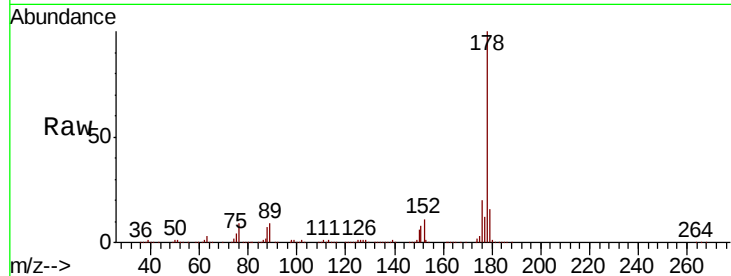
179 16.0 12.6 19.0

Manual Integrations

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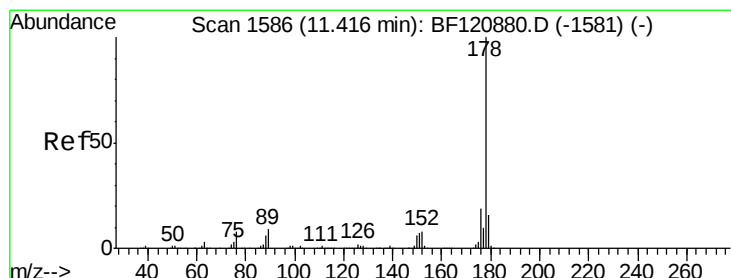
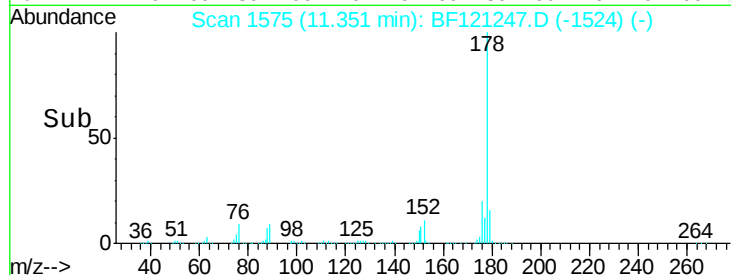
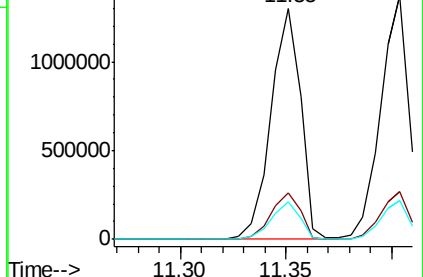
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.328 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tgt Ion:178 Resp: 1290692

Ion Ratio Lower Upper

178 100

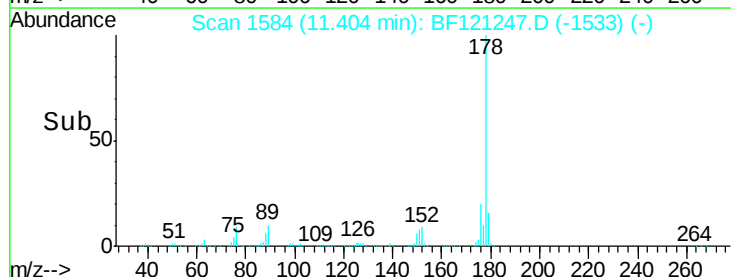
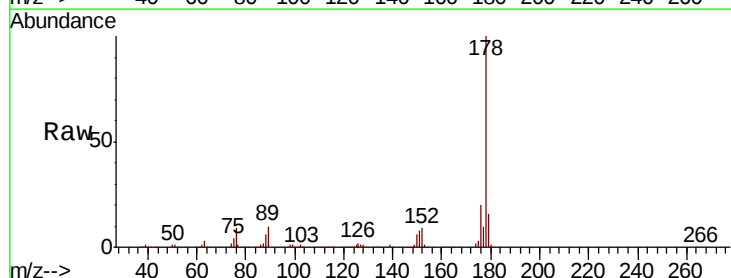
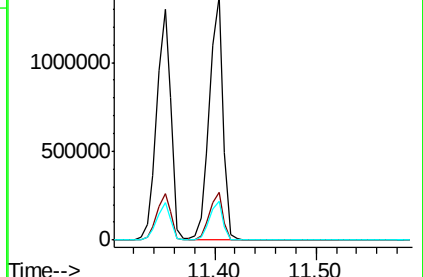
176 19.6 15.8 23.8

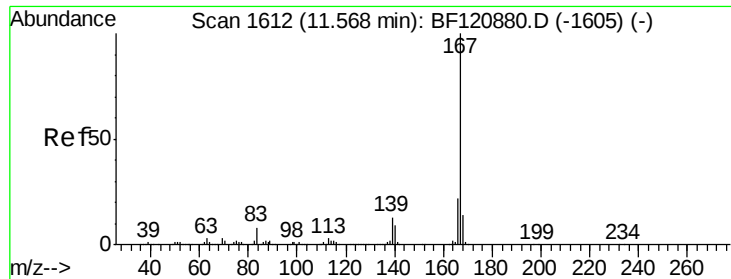
179 15.9 12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





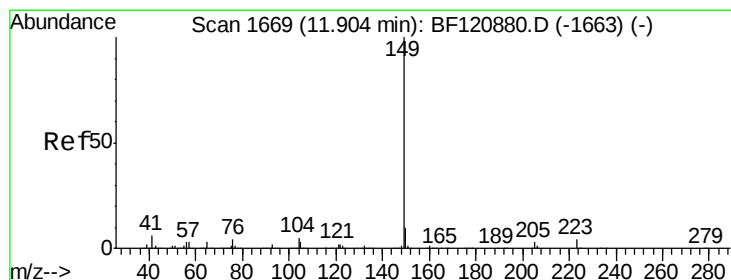
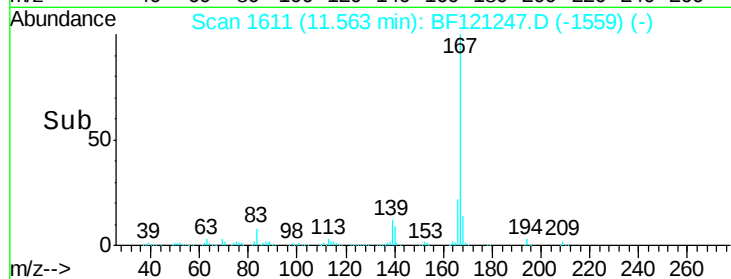
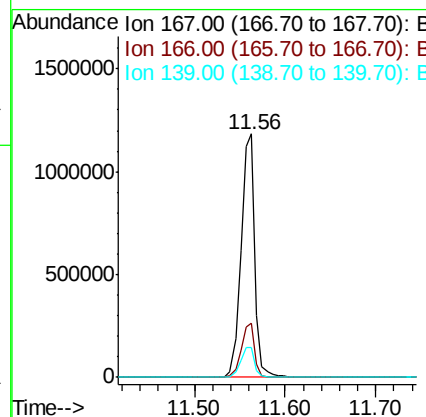
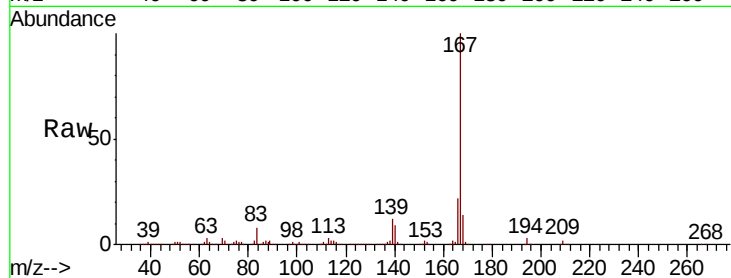
#73
 Carbazole
 Concen: 42.794 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	12.4	10.5	15.7

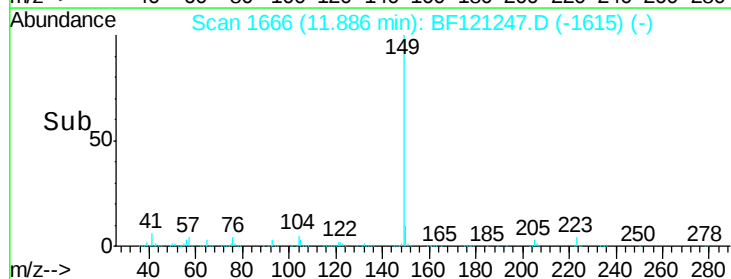
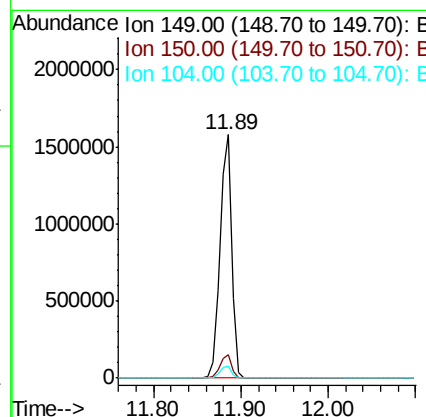
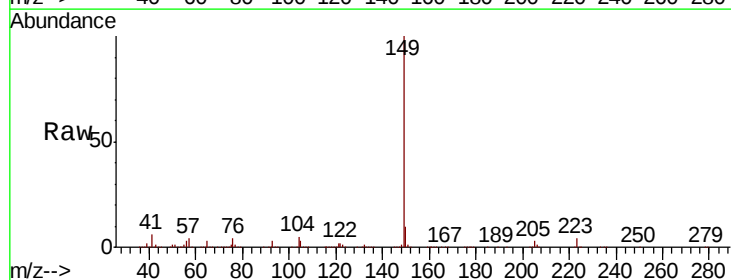
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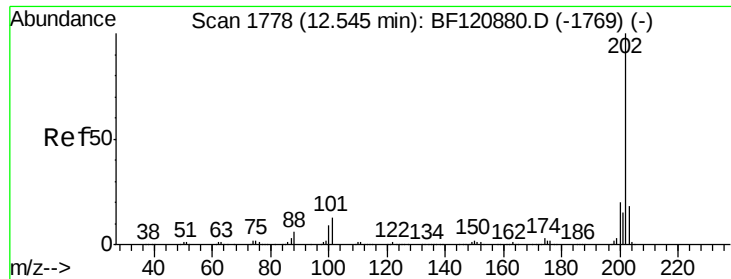
mohammad
 8/12/2020 1:47:40 PM



#74
 Di-n-butylphthalate
 Concen: 43.008 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121247.D
 Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	4.7	3.9	5.9





#75

Fluoranthene

Concen: 43.794 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

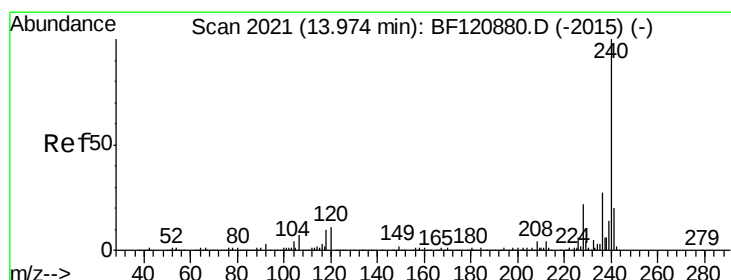
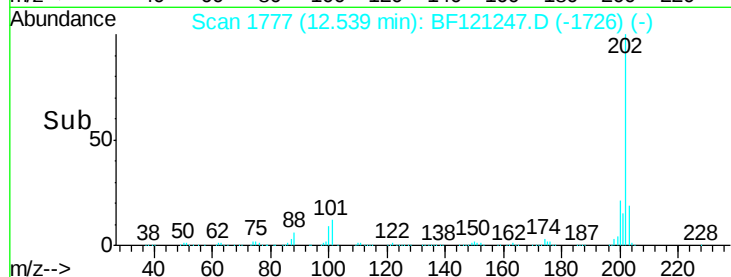
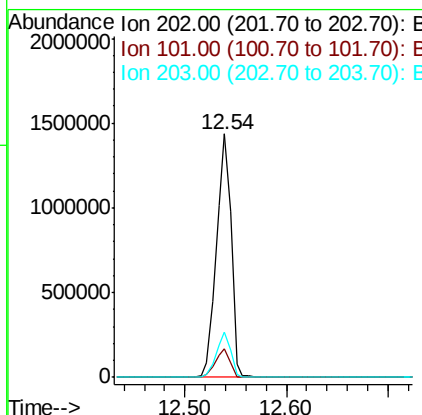
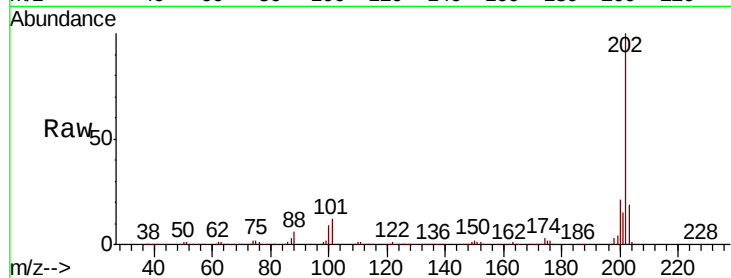
ClientSampleId :

ES-TOTE-COMPMSD

Tot Ion:	202	Resp:	1440035
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	30.5
203	18.5	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

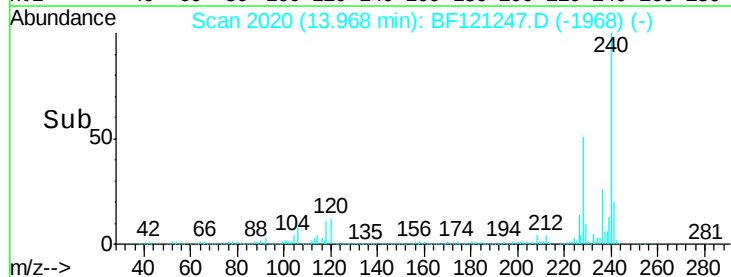
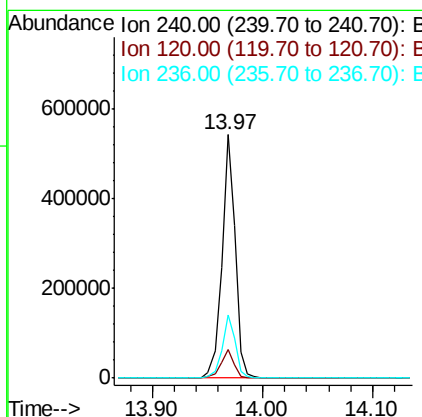
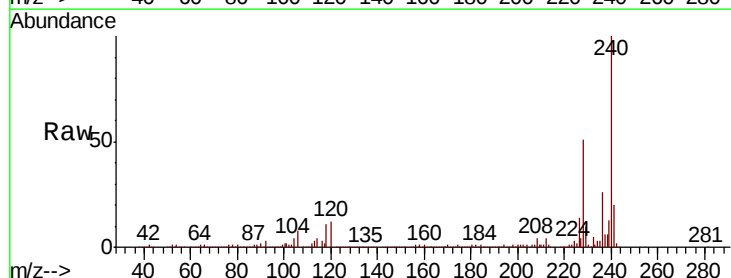
RT: 13.97 min Scan# 2020

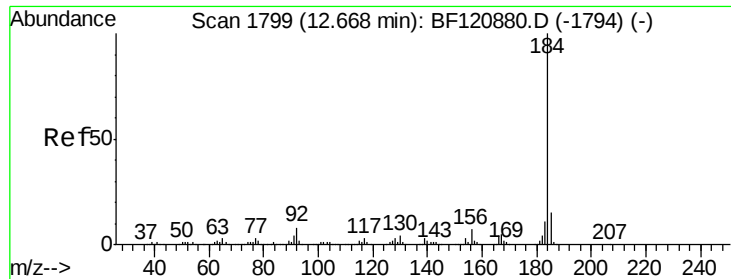
Delta R.T. 0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Tgt Ion:	240	Resp:	452898
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.3	13.9
236	25.9	21.1	31.7





#77

Benzidine

Concen: 16.031 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMPMSD

Tot Ion:184 Resp: 190889

Ion Ratio Lower Upper

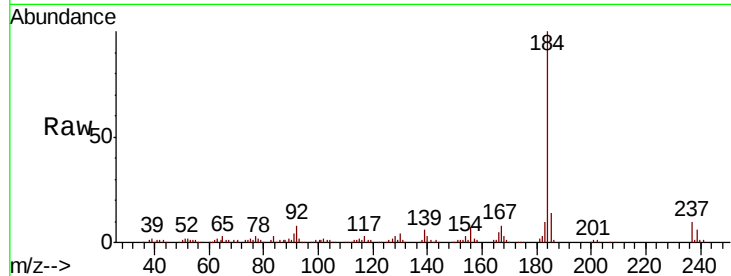
184 100

185 14.2 12.1 18.1

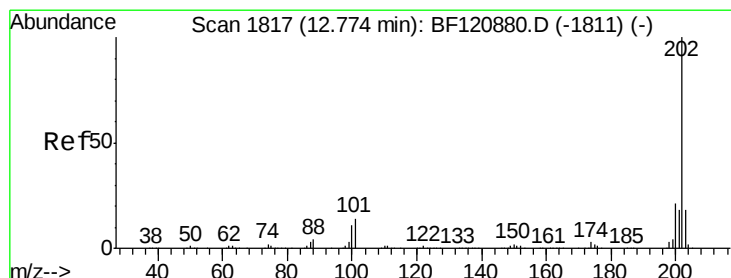
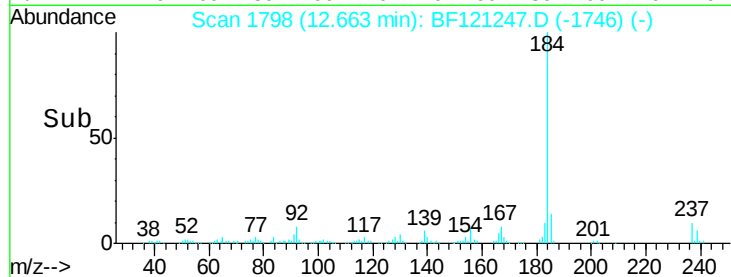
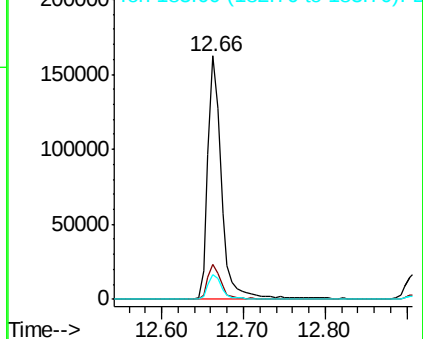
183 10.1 9.0 13.4

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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: 46.895 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

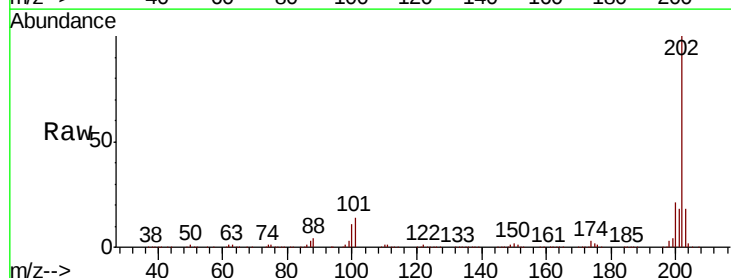
Tgt Ion:202 Resp: 1501589

Ion Ratio Lower Upper

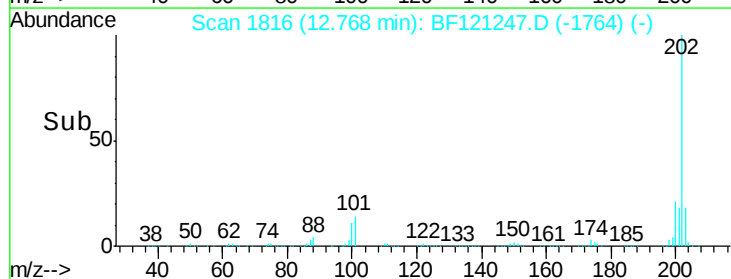
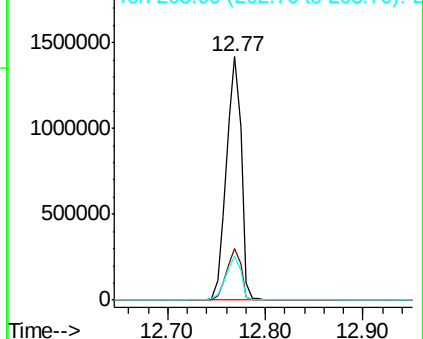
202 100

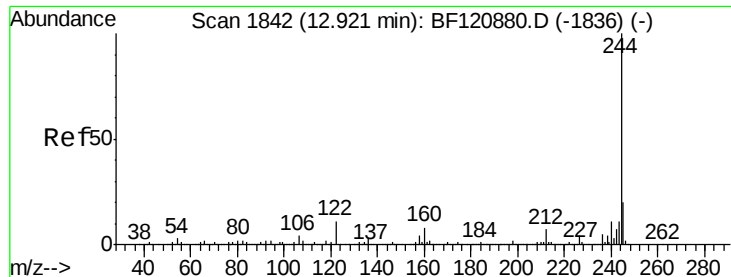
200 21.0 17.0 25.6

203 17.9 14.6 21.8



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: 75.073 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMPMSD

Tot Ion:244 Resp: 1564105

Ion Ratio Lower Upper

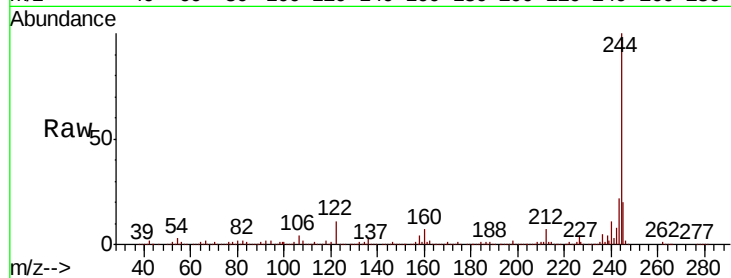
244 100

212 7.2 5.7 8.5

122 10.6 8.3 12.5

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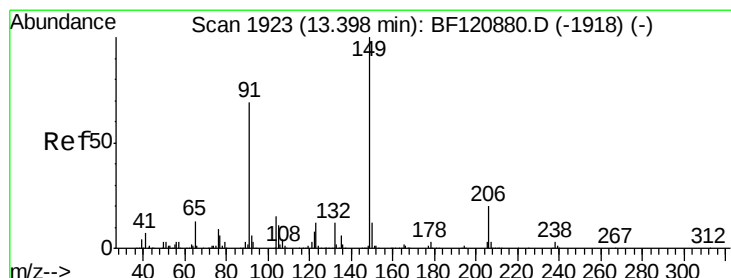
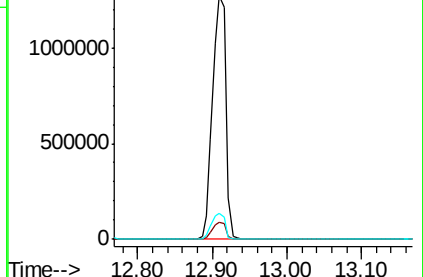
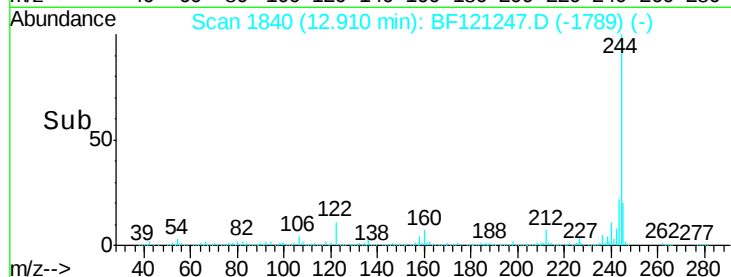
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.857 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

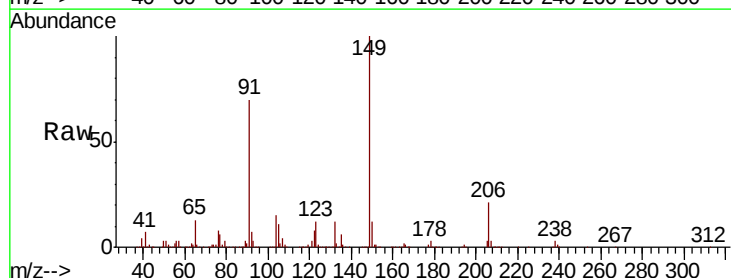
Tgt Ion:149 Resp: 668840

Ion Ratio Lower Upper

149 100

91 70.3 51.4 77.0

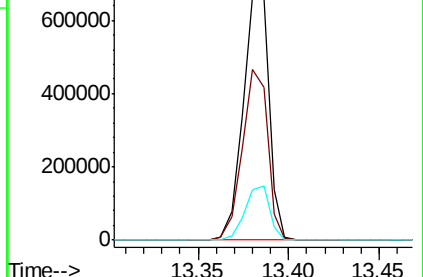
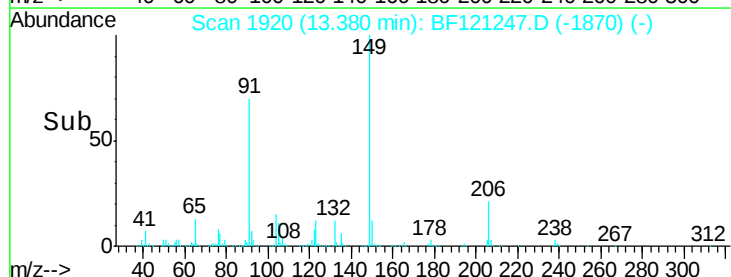
206 20.6 17.9 26.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





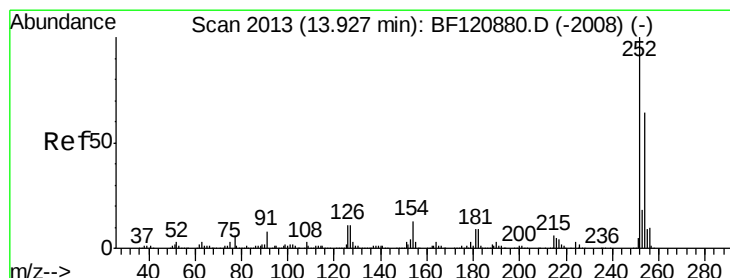
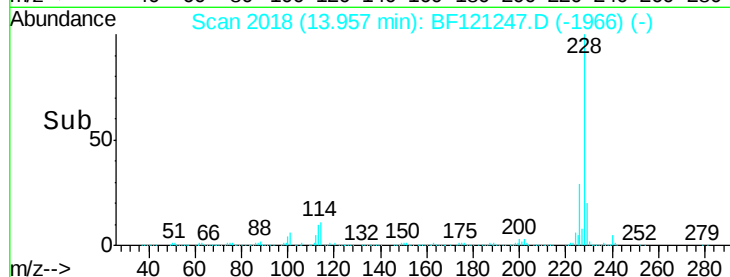
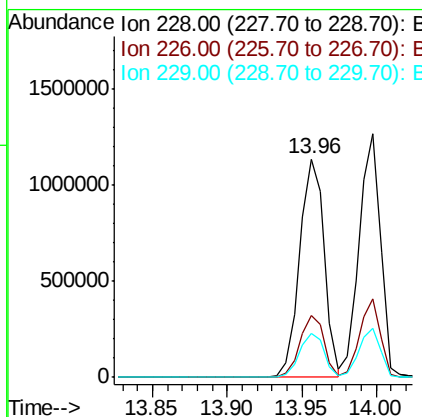
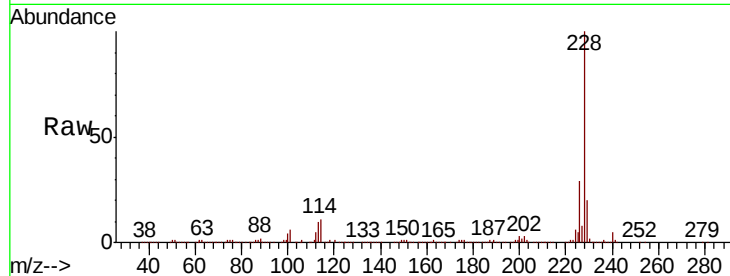
#81
Benzo(a)anthracene
Concen: 47.211 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion:228 Resp: 1294776
Ion Ratio Lower Upper
228 100
226 28.6 22.6 34.0
229 20.1 16.1 24.1

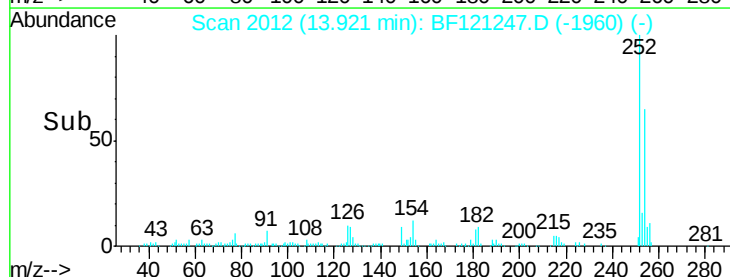
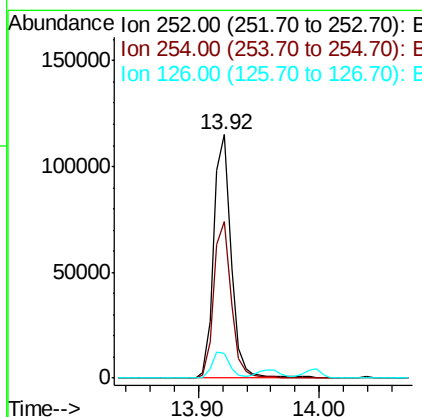
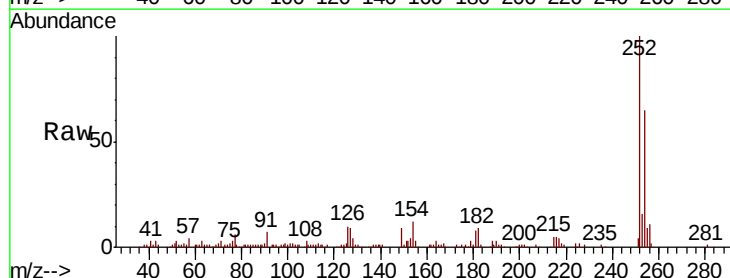
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#82
3,3'-Dichlorobenzidine
Concen: 11.035 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion:252 Resp: 114180
Ion Ratio Lower Upper
252 100
254 64.6 51.3 76.9
126 9.9 9.2 13.8





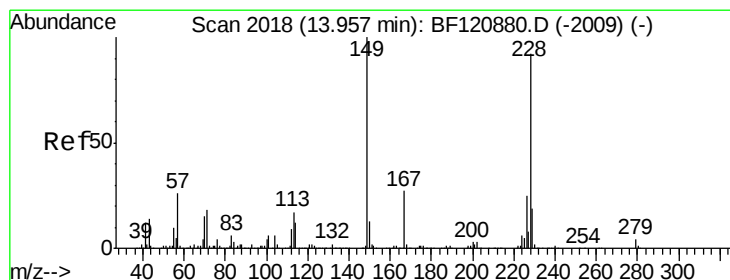
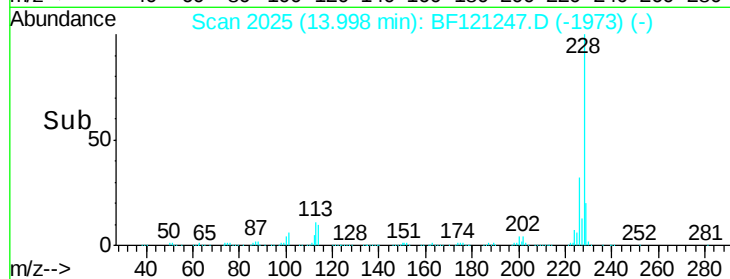
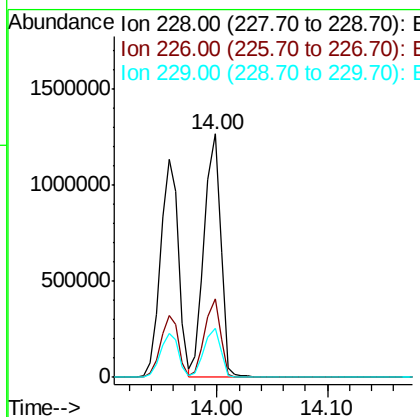
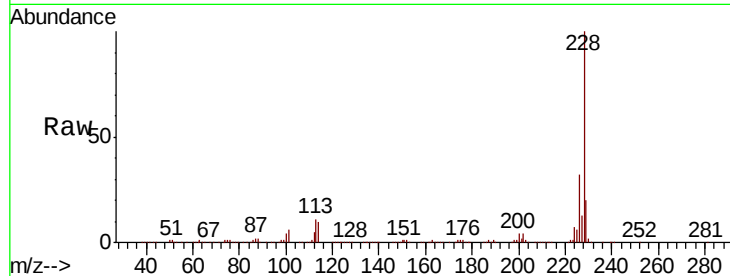
#83
Chrysene
Concen: 44.605 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	20.3	16.2	24.4

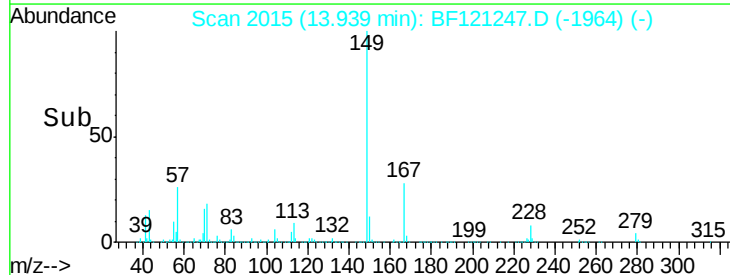
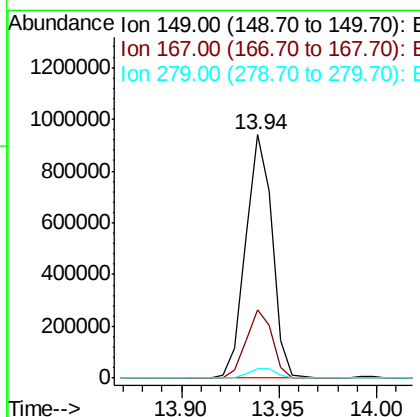
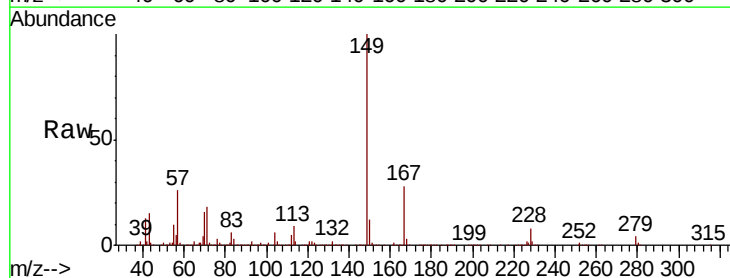
Manual Integrations
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.215 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.6
279	4.1	2.9	4.3





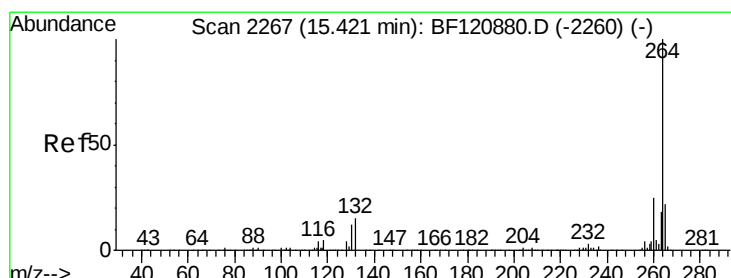
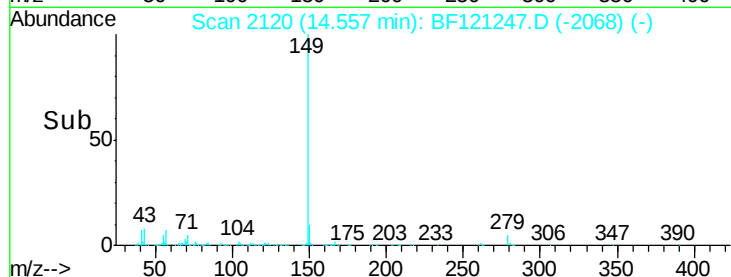
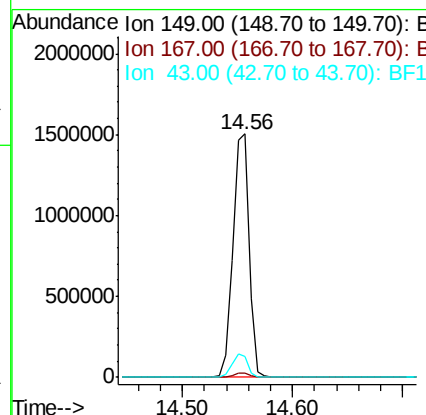
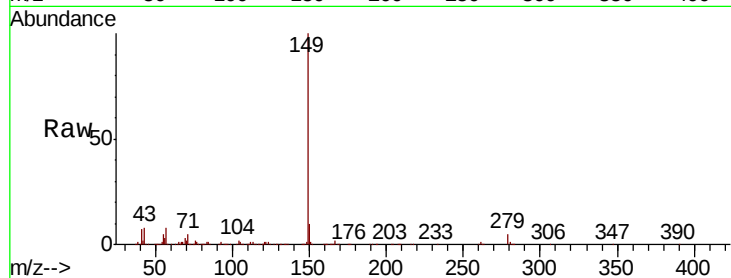
#85
Di-n-octyl phthalate
Concen: 44.261 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.5	11.3

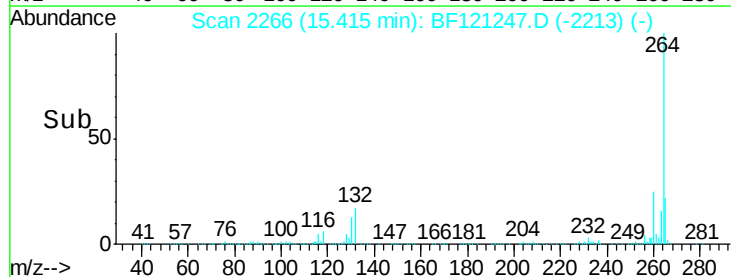
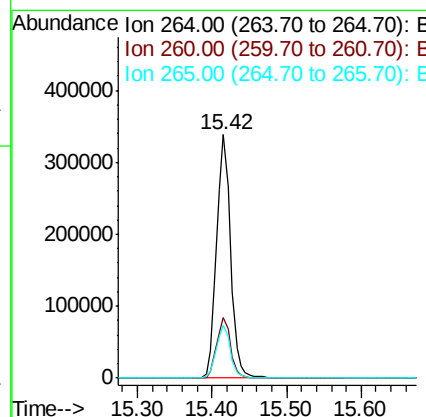
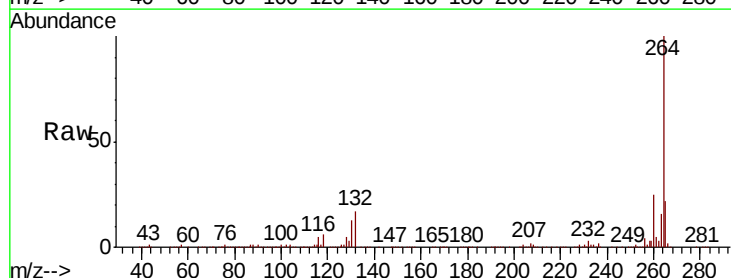
Manual Integrations
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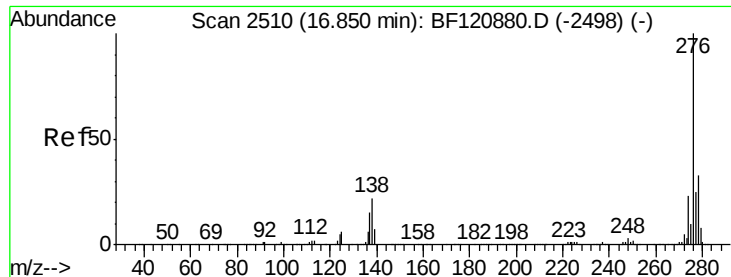
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	21.8	17.8	26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.079 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.03 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

Instrument :

BNA_F

ClientSampleId :

ES-TOTE-COMPMSD

Tot Ion:276 Resp: 1256458

Ion Ratio Lower Upper

276 100

138 24.3 19.3 28.9

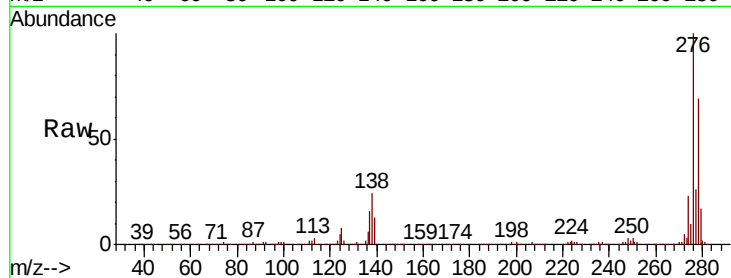
277 25.6 20.1 30.1

Manual Integrations

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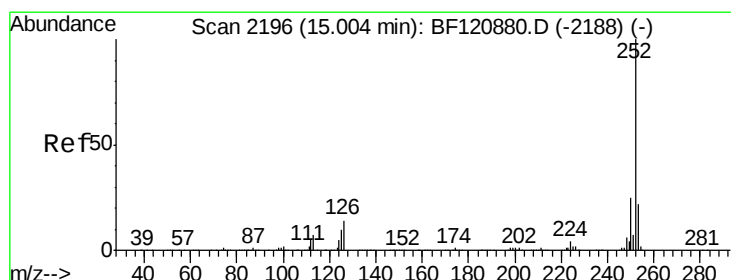
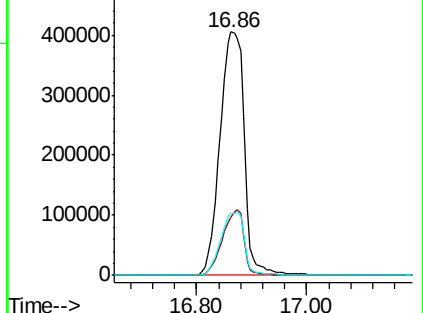
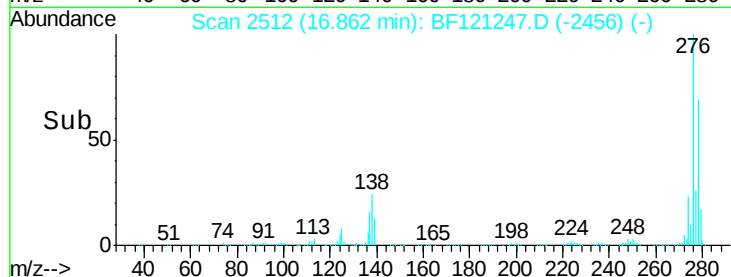
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 48.771 ng

RT: 15.00 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BF121247.D

Acq: 11 Aug 2020 18:51

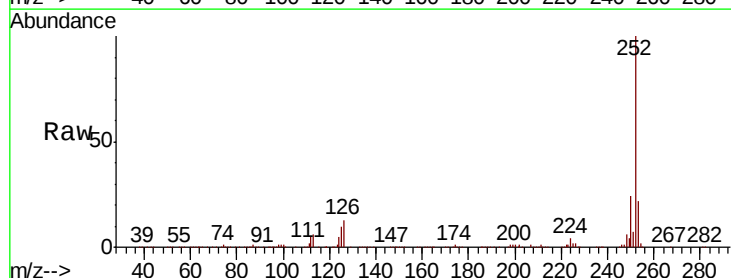
Tgt Ion:252 Resp: 1296543

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

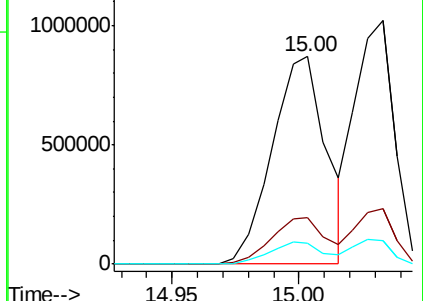
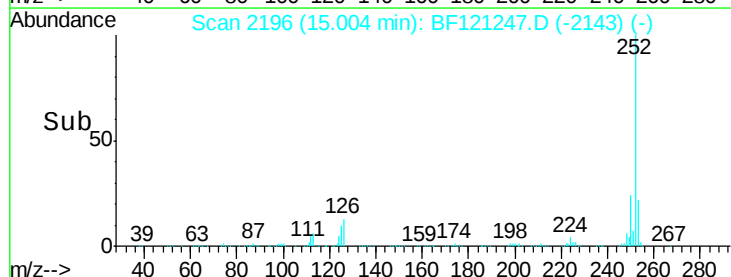
125 9.8 8.1 12.1

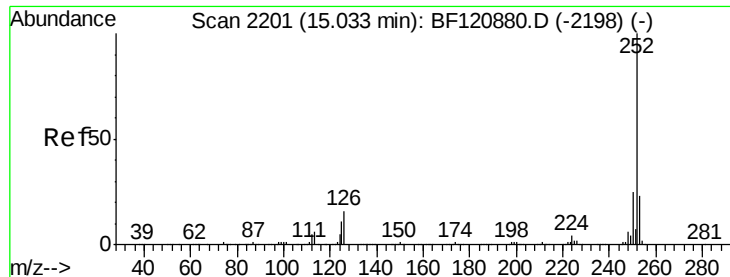


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





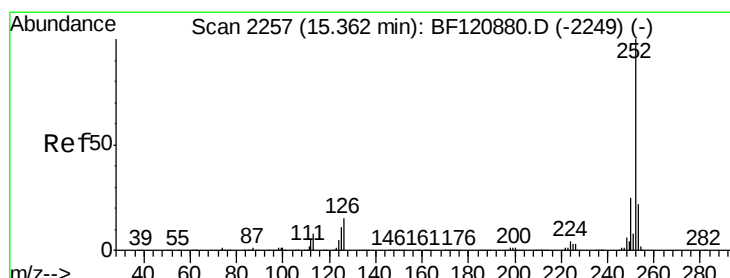
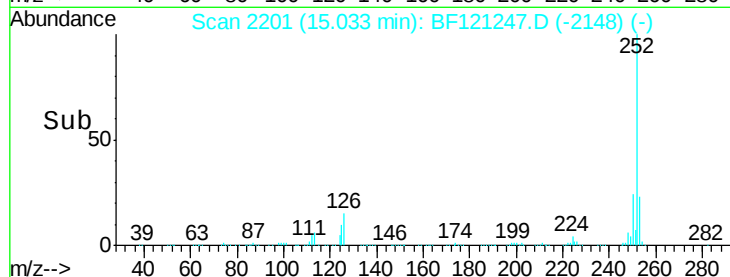
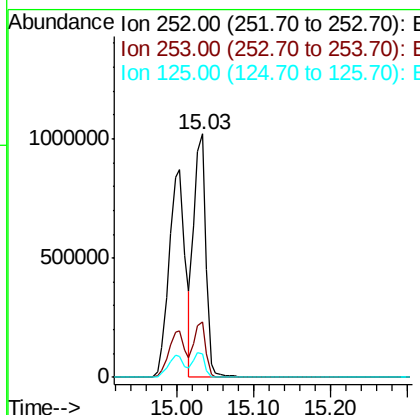
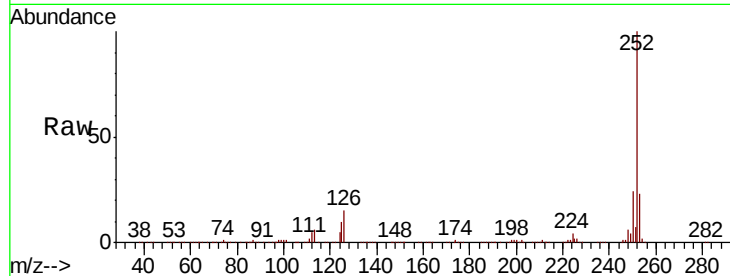
#89
Benzo(k)fluoranthene
Concen: 46.321 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.9	8.0	12.0

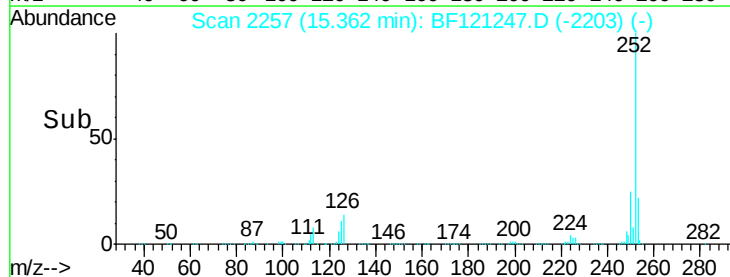
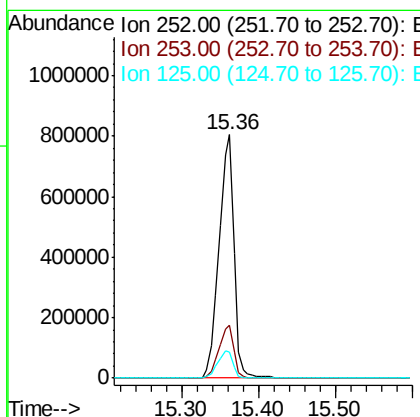
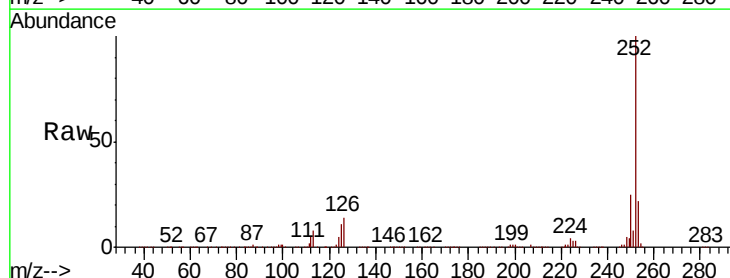
Manual Integrations
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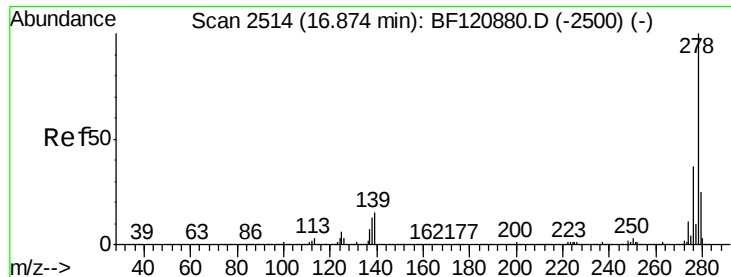
mohammad
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#90
Benzo(a)pyrene
Concen: 44.353 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.02 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.6	9.5	14.3





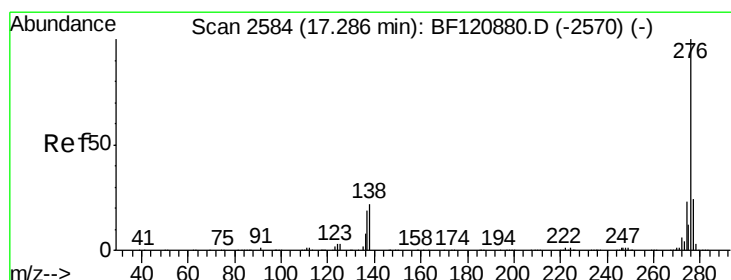
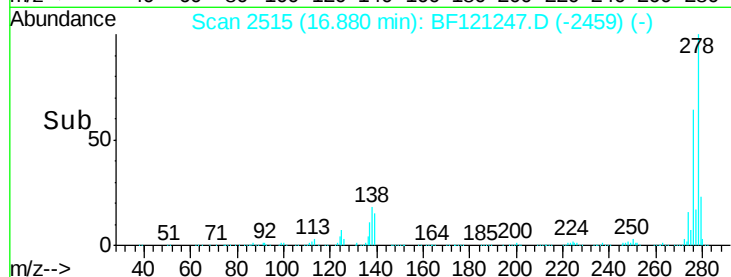
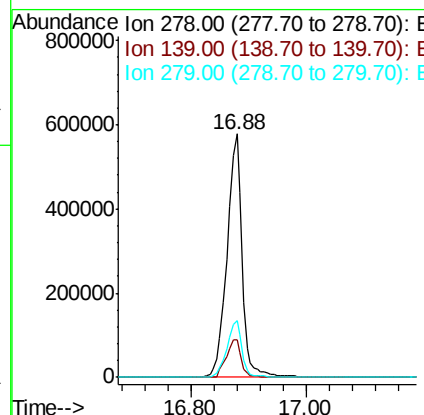
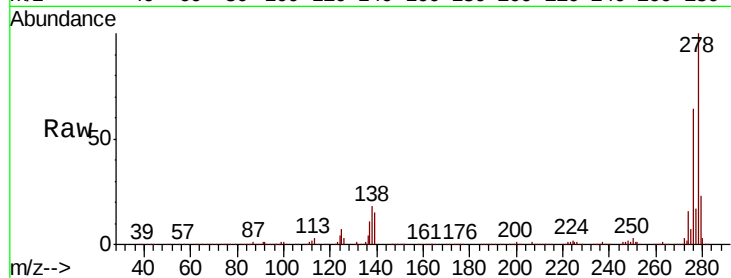
#91
Dibenzo(a,h)anthracene
Concen: 42.178 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.03 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Instrument :
BNA_F
ClientSampleId :
ES-TOTE-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	18.8
279	23.4	19.5	29.3

Manual Integrations
APPROVED

mohammad
8/12/2020 1:47:40 PM



#92
Benzo(g,h,i)perylene
Concen: 43.549 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.04 min
Lab File: BF121247.D
Acq: 11 Aug 2020 18:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	21.6	17.2	25.8

