

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
 Data File : BF121446.D
 Acq On : 27 Aug 2020 20:11
 Operator : JU/CG
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
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mohammad
 8/28/2020 1:33:29 PM

Quant Time: Aug 28 03:24:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	370846	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1318014	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	664437	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1222917	20.00	ng	0.00
76) Chrysene-d12	14.03	240	924672	20.00	ng	0.00
86) Perylene-d12	15.49	264	876170	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2015809	89.09	ng	0.00
7) Phenol-d6	6.50	99	2787273	89.04	ng	0.00
23) Nitrobenzene-d5	7.43	82	2086504	99.75	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	708418	95.21	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3580775	84.88	ng	0.00
79) Terphenyl-d14	12.97	244	3855793	87.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	485305	46.336	ng	99
3) Pyridine	3.40	79	1320595	45.475	ng	98
4) n-Nitrosodimethylamine	3.37	42	598204	47.328	ng	95
6) Aniline	6.52	93	1717569	48.359	ng	99
8) 2-Chlorophenol	6.65	128	1063074	45.097	ng	98
9) Benzaldehyde	6.41	77	675562	42.594	ng	99
10) Phenol	6.51	94	1440892	47.158	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	1106987	41.992	ng	98
12) 1,3-Dichlorobenzene	6.80	146	1210290	44.729	ng	99
13) 1,4-Dichlorobenzene	6.88	146	1210011	44.649	ng	98
14) 1,2-Dichlorobenzene	7.04	146	1102609	43.743	ng	98
15) Benzyl Alcohol	7.00	79	943618	44.940	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1642944	44.225	ng	99
17) 2-Methylphenol	7.11	107	897448	45.331	ng	99
18) Hexachloroethane	7.38	117	441437	44.904	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	783670	43.855	ng	100
20) 3+4-Methylphenols	7.27	107	1049817	43.497	ng	# 86
22) Acetophenone	7.28	105	1446032	44.406	ng	# 98
24) Nitrobenzene	7.45	77	1096352	49.085	ng	97
25) Isophorone	7.69	82	2024552	45.583	ng	99
26) 2-Nitrophenol	7.76	139	418474	53.760	ng	97
27) 2,4-Dimethylphenol	7.80	122	868912	47.409	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	1376709	45.803	ng	99
29) 2,4-Dichlorophenol	8.00	162	897647	47.916	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	1006437	46.332	ng	98
31) Naphthalene	8.17	128	2926907	44.464	ng	99
32) Benzoic acid	7.94	122	586360	56.851	ng	97
33) 4-Chloroaniline	8.22	127	1367668	47.472	ng	99
34) Hexachlorobutadiene	8.29	225	593929	45.810	ng	100
35) Caprolactam	8.60	113	300539m	46.727	ng	
36) 4-Chloro-3-methylphenol	8.70	107	895815	46.091	ng	97
37) 2-Methylnaphthalene	8.86	142	1933186	43.978	ng	99
38) 1-Methylnaphthalene	8.96	142	1831428	44.056	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	898296	46.231	ng	99

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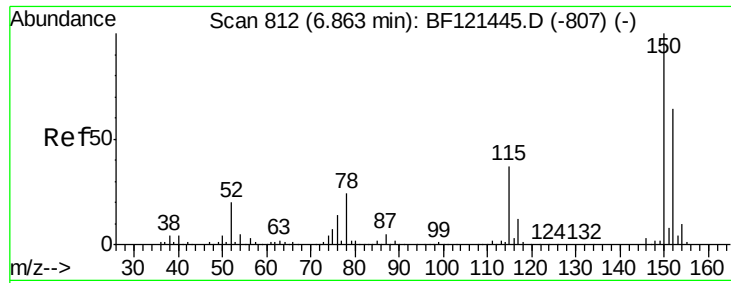
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 QLast Update : Fri Aug 28 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	450031	47.867	nq	100
43) 2,4,6-Trichlorophenol	9.13	196	647668	49.209	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	639372	48.816	nq	98
46) 1,1'-Biphenyl	9.33	154	2232012	44.883	nq	98
47) 2-Chloronaphthalene	9.35	162	1875495	46.110	nq	98
48) 2-Nitroaniline	9.45	65	564801	54.070	nq	96
49) Acenaphthylene	9.77	152	2805291	45.082	nq	99
50) Dimethylphthalate	9.63	163	2116822	44.890	nq	100
51) 2,6-Dinitrotoluene	9.69	165	422102	50.474	nq	92
52) Acenaphthene	9.94	154	1787698	45.471	nq	100
53) 3-Nitroaniline	9.86	138	539781	51.120	nq	93
54) 2,4-Dinitrophenol	9.96	184	134719	50.424	nq	84
55) Dibenzofuran	10.11	168	2556788	45.163	nq	98
56) 4-Nitrophenol	10.00	139	401330	51.869	nq	96
57) 2,4-Dinitrotoluene	10.09	165	522364	51.808	nq	92
58) Fluorene	10.45	166	1851467	42.974	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	545010	48.414	nq	99
60) Diethylphthalate	10.33	149	2123076	43.957	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	935755	43.279	nq	96
62) 4-Nitroaniline	10.47	138	546326	51.038	nq	99
63) Azobenzene	10.60	77	2057407	44.048	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	184650	51.607	nq	89
66) n-Nitrosodiphenylamine	10.56	169	1776617	46.036	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	623256	46.250	nq	96
68) Hexachlorobenzene	11.00	284	726308	46.091	nq	98
69) Atrazine	11.09	200	532517	44.695	nq	98
70) Pentachlorophenol	11.19	266	402281	51.117	nq	98
71) Phenanthrene	11.42	178	2738808	43.825	nq	99
72) Anthracene	11.46	178	2755490	44.656	nq	100
73) Carbazole	11.62	167	2687284	44.998	nq	99
74) Di-n-butylphthalate	11.95	149	3022467	42.702	nq	99
75) Fluoranthene	12.60	202	2991004	43.680	nq	99
77) Benzidine	12.72	184	990225	47.667	nq	100
78) Pyrene	12.83	202	3050430	46.675	nq	99
80) Butylbenzylphthalate	13.45	149	1327051	48.786	nq	97
81) Benzo(a)anthracene	14.02	228	2503233	44.376	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	946742	45.367	nq	99
83) Chrysene	14.06	228	2526196	45.141	nq	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	1585534	44.051	nq	100
85) Di-n-octyl phthalate	14.63	149	2861736	45.688	nq	100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2431342	44.257	nq	100
88) Benzo(b)fluoranthene	15.07	252	2686244	47.026	nq	99
89) Benzo(k)fluoranthene	15.10	252	2456931	47.377	nq	99
90) Benzo(a)pyrene	15.43	252	2407905	47.607	nq	99
91) Dibenzo(a,h)anthracene	16.98	278	1968302	43.650	nq	98
92) Benzo(g,h,i)perylene	17.40	276	1877726	43.320	nq	99

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



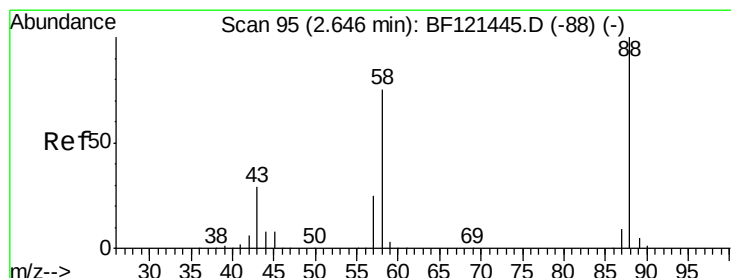
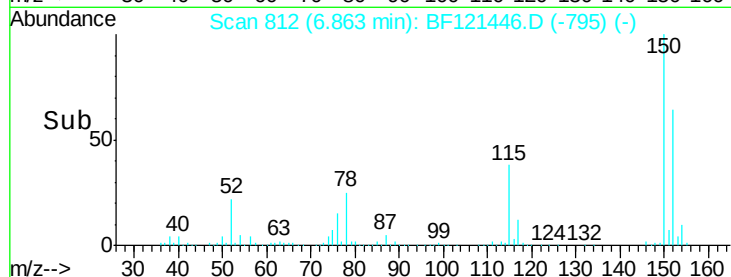
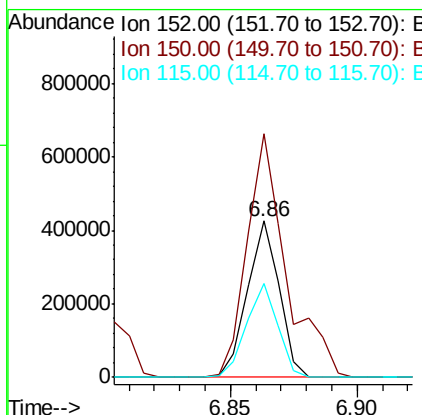
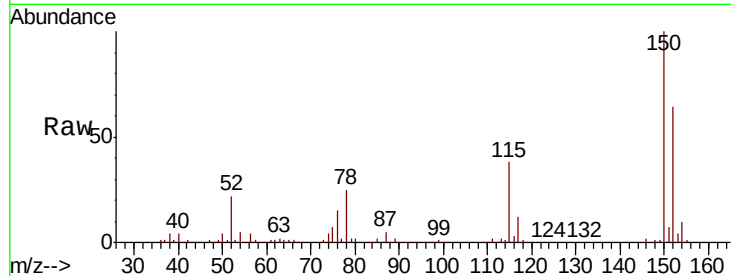
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.8	188.6
115	59.8	46.6	69.8

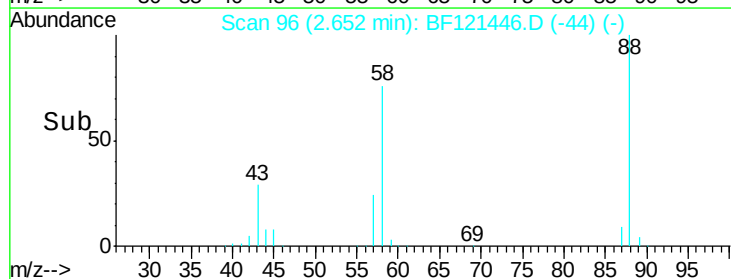
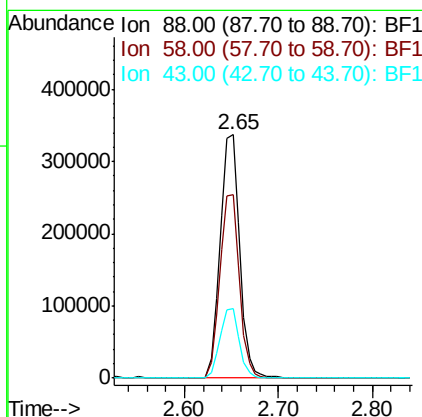
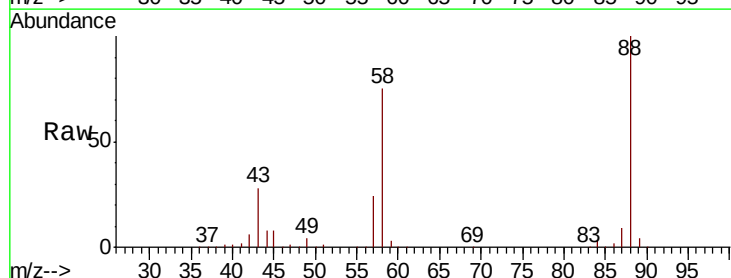
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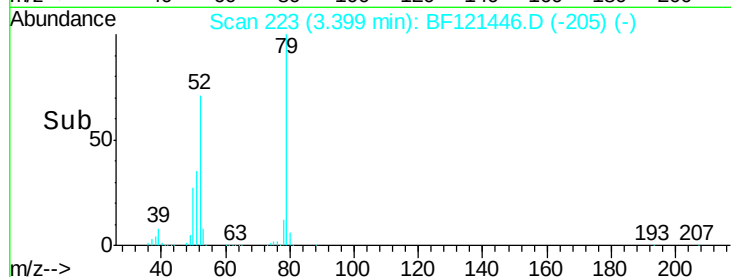
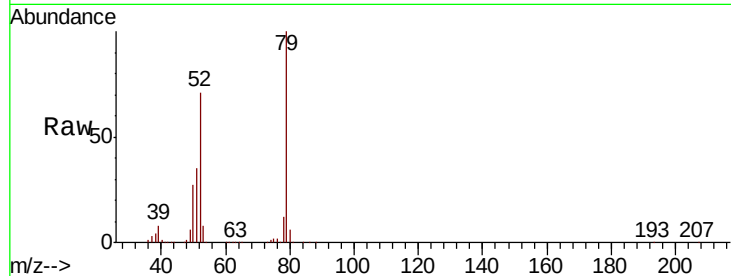
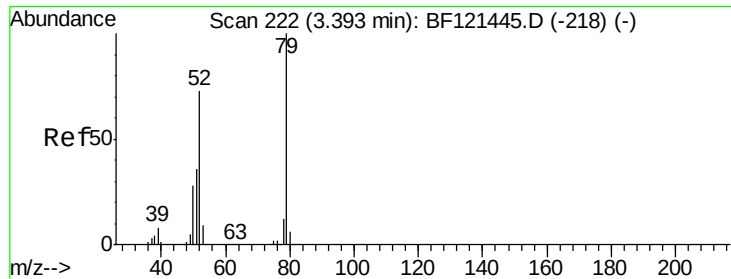
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#2
 1,4-Dioxane
 Concen: 46.336 ng
 RT: 2.65 min Scan# 96
 Delta R.T. 0.01 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	61.1	91.7
43	28.6	23.4	35.0





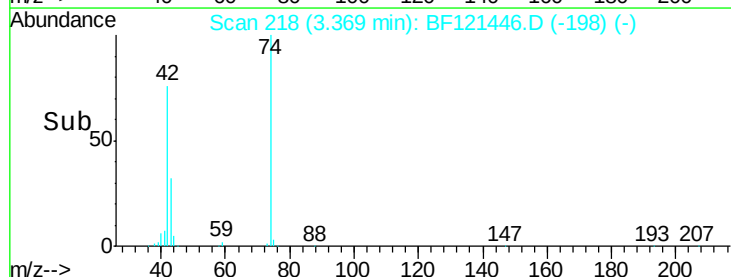
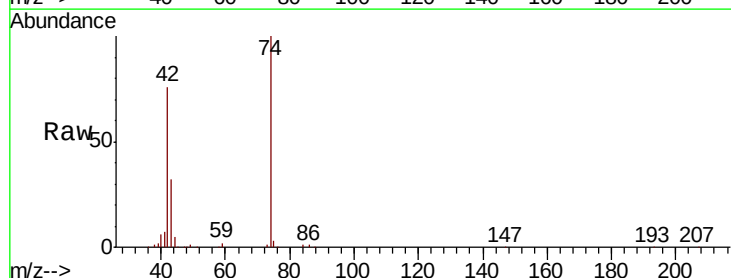
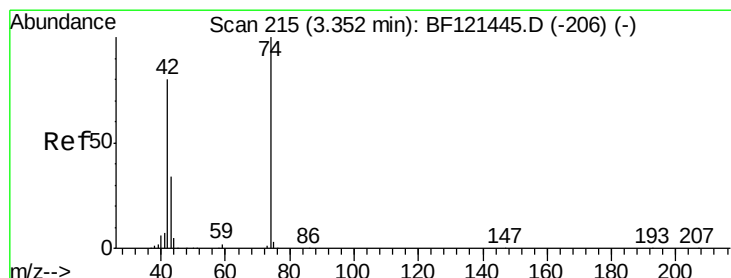
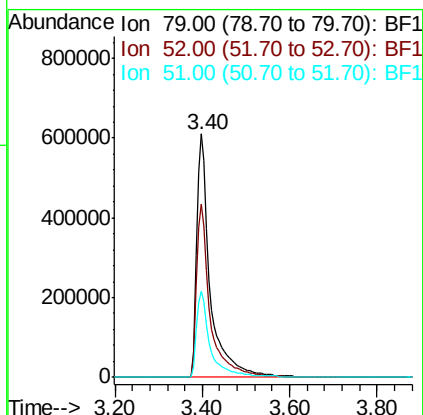
#3
 Pvridine
 Concen: 45.475 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.0	58.2	87.4
51	35.3	29.1	43.7

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

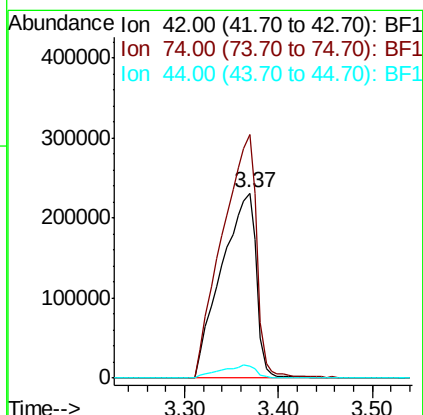
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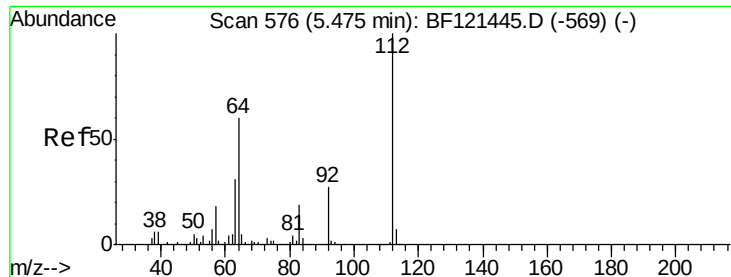
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#4
 n-Nitrosodimethylamine
 Concen: 47.328 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.02 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.5	100.2	150.4
44	6.6	5.4	8.0





#5

2-Fluorophenol

Concen: 89.086 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 112 Resp: 2015809

Ion Ratio Lower Upper

112 100

64 61.9 48.2 72.2

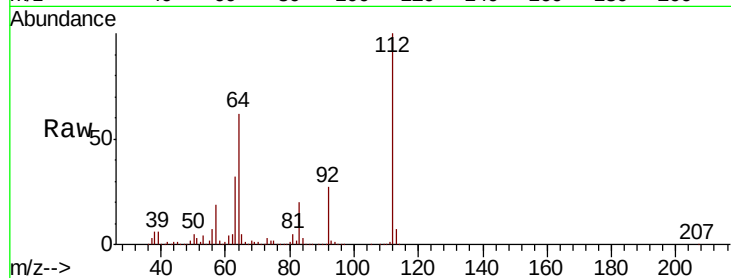
63 31.8 24.8 37.2

Manual Integrations

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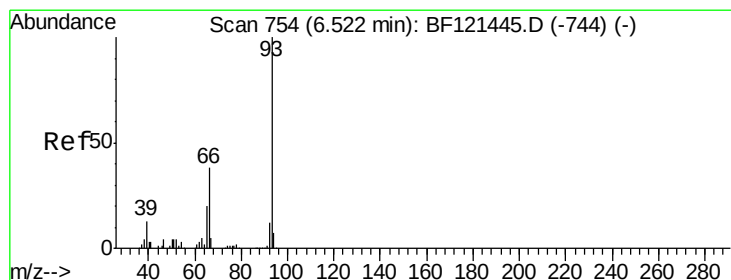
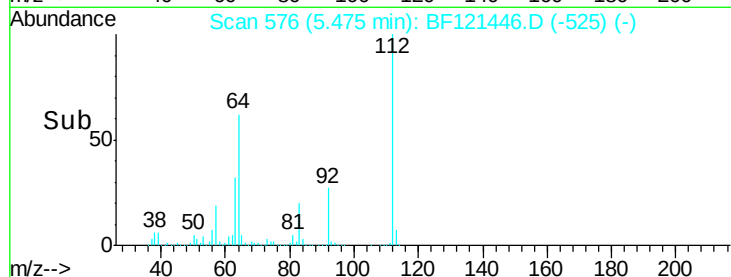
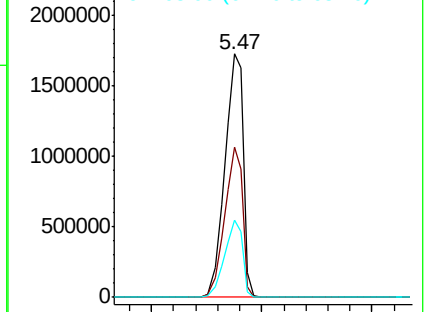
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 48.359 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

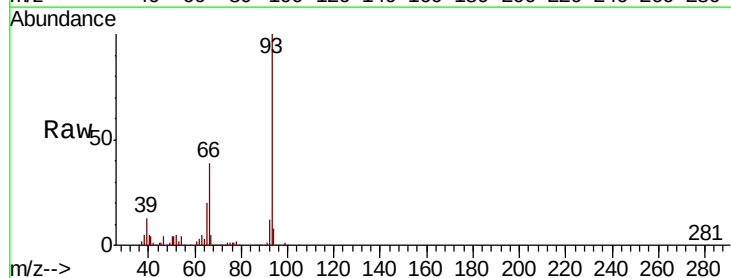
Tgt Ion: 93 Resp: 1717569

Ion Ratio Lower Upper

93 100

66 39.2 30.9 46.3

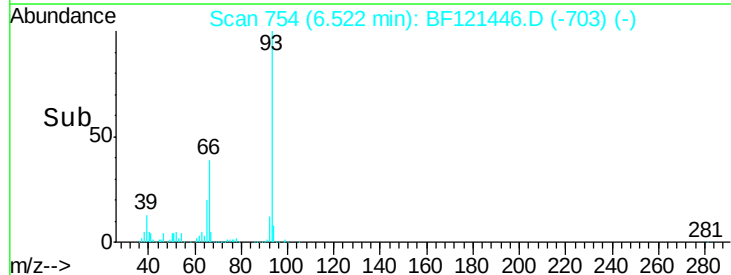
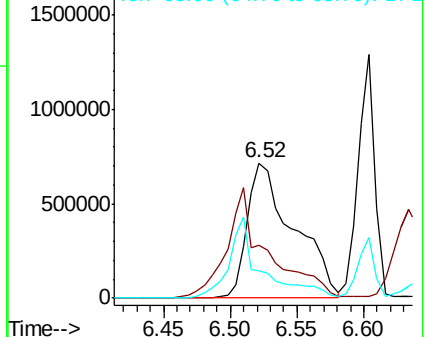
65 19.9 15.9 23.9

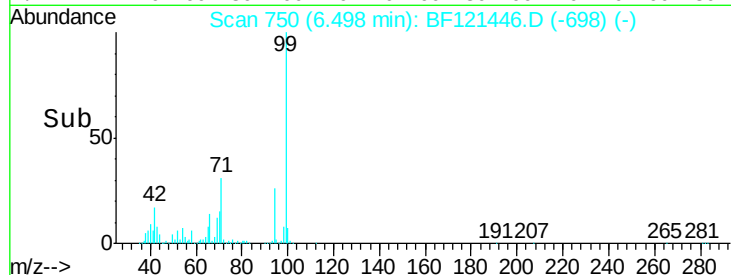
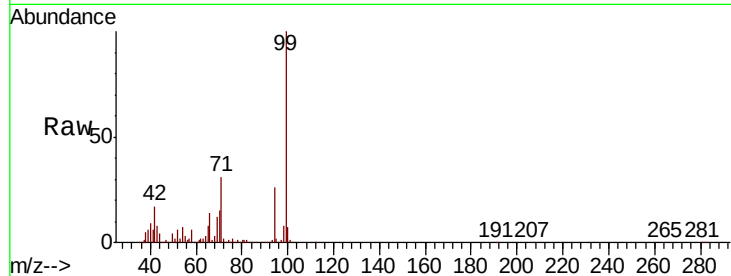
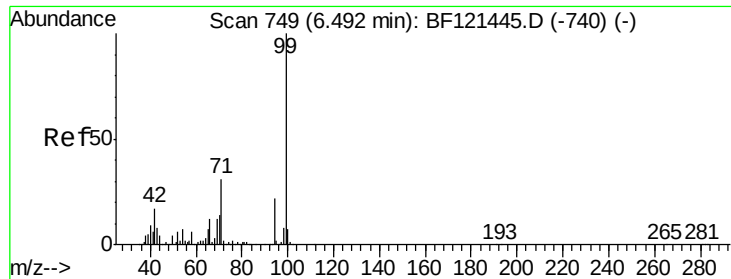


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.036 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Tot Ion: 99 Resp: 2787273

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

71 30.9 24.6 37.0

Instrument :

BNA_F

ClientSampleId :

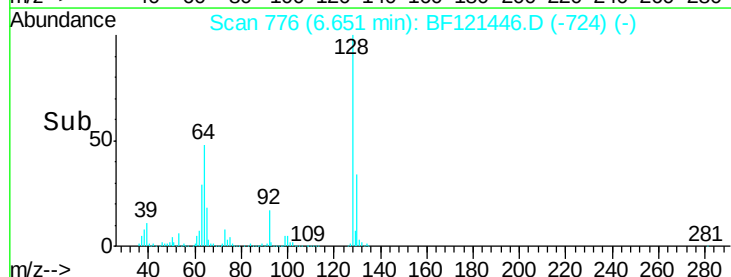
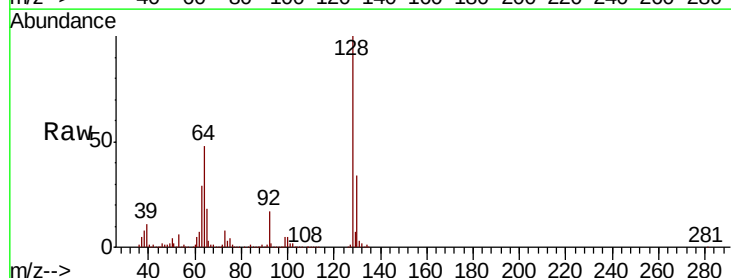
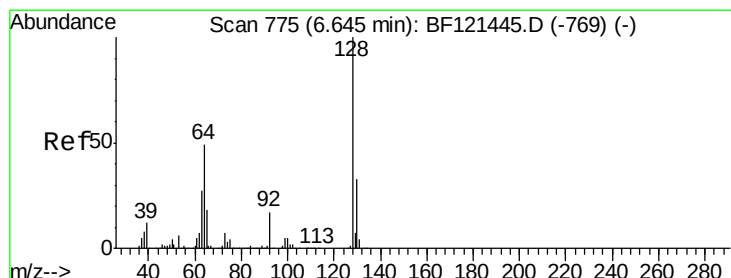
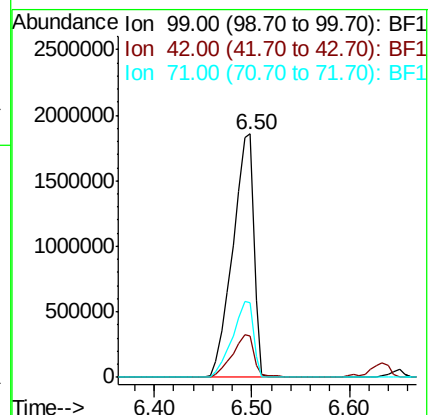
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#8

2-Chlorophenol

Concen: 45.097 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

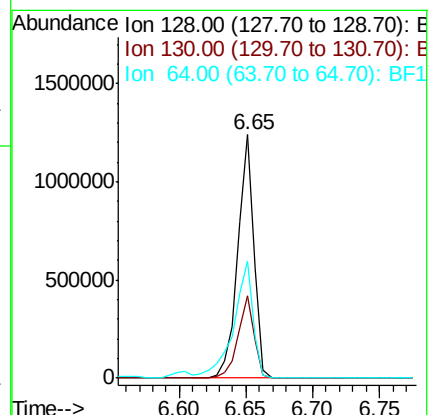
Tgt Ion: 128 Resp: 1063074

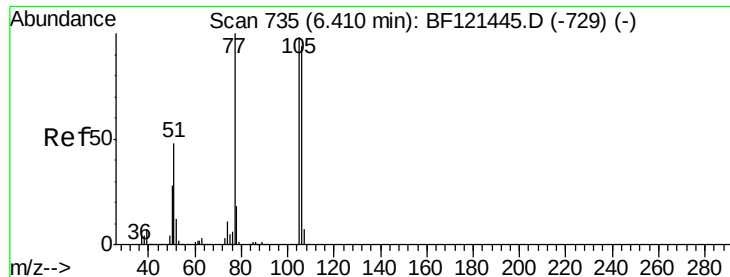
Ion Ratio Lower Upper

128 100

130 33.8 12.6 52.6

64 47.9 29.5 69.5





#9

Benzaldehyde

Concen: 42.594 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

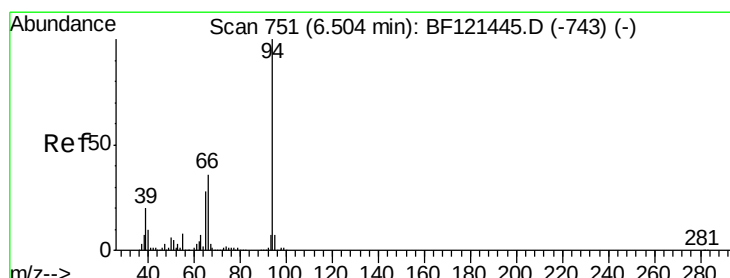
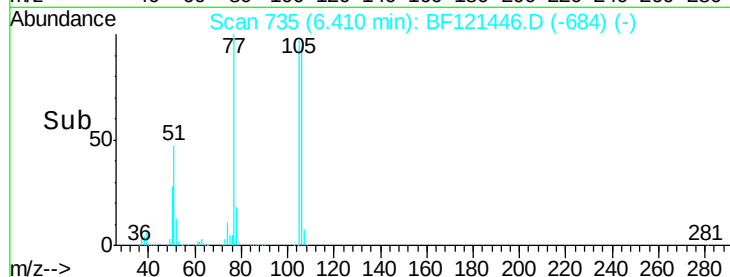
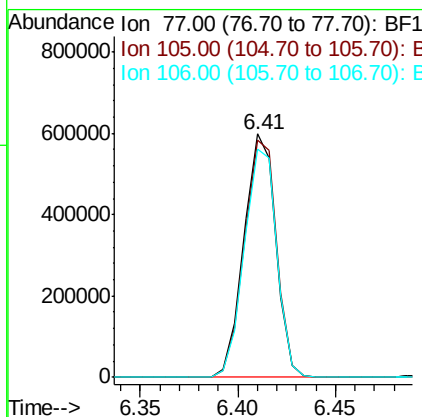
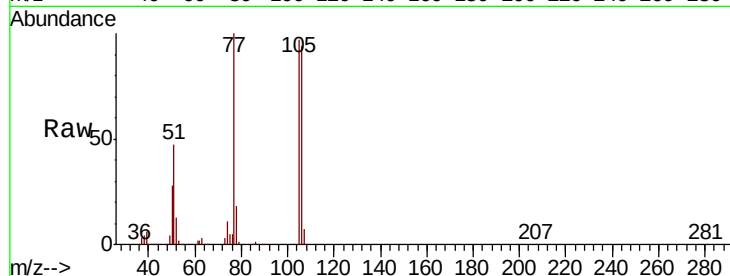
ClientSampleId :

SSTDICC050

Tot Ion:	77	Resp:	675562
Ion	Ratio	Lower	Upper
77	100		
105	97.3	78.1	118.1
106	93.9	74.3	114.3

Manual Integrations
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#10

Phenol

Concen: 47.158 ng

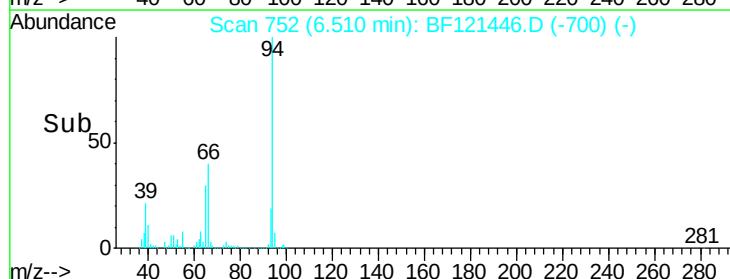
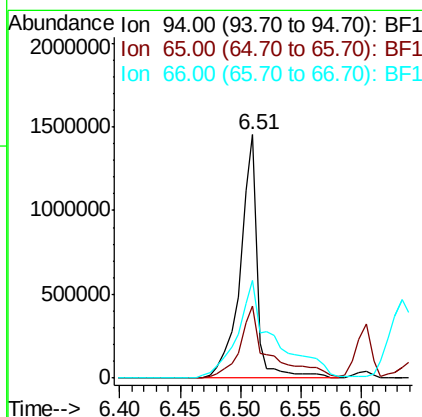
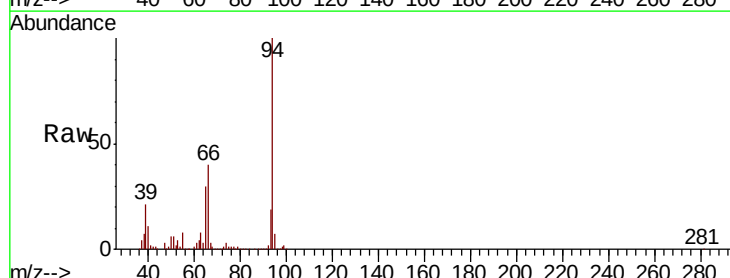
RT: 6.51 min Scan# 752

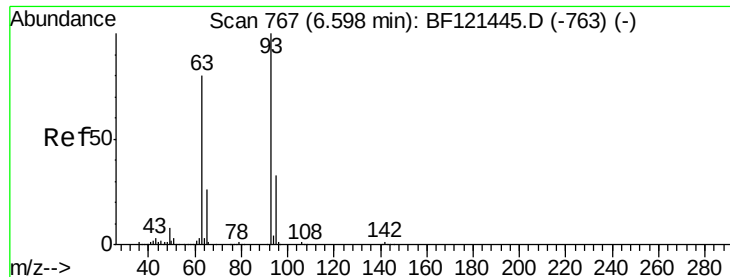
Delta R.T. 0.01 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Tgt Ion:	94	Resp:	1440892
Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	40.2	16.0	56.0





#11

bis(2-Chloroethyl)ether

Concen: 41.992 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 93 Resp: 1106987

Ion Ratio Lower Upper

93 100

63 76.8 59.3 99.3

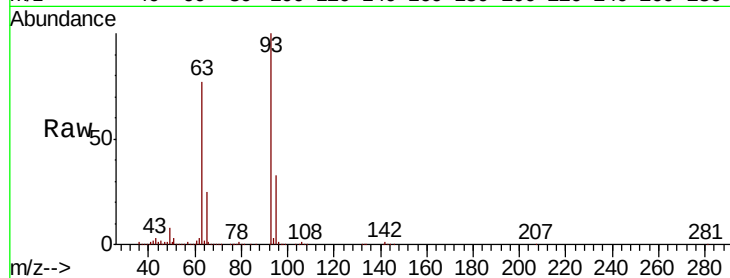
95 33.1 13.0 53.0

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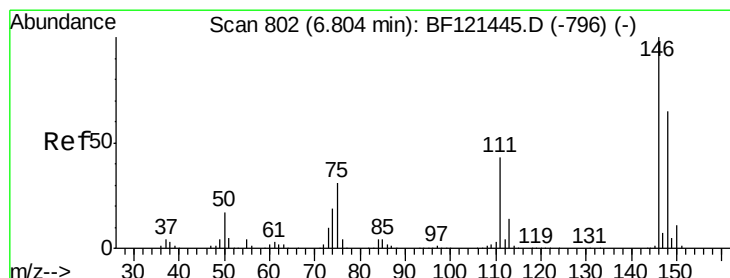
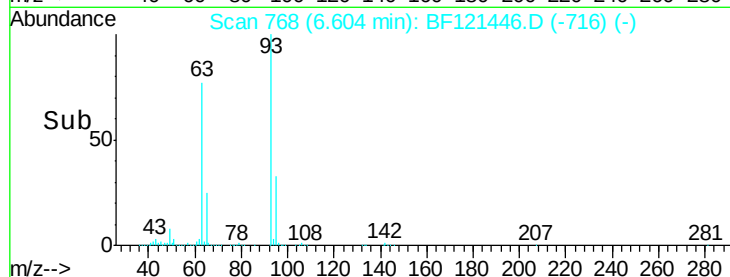
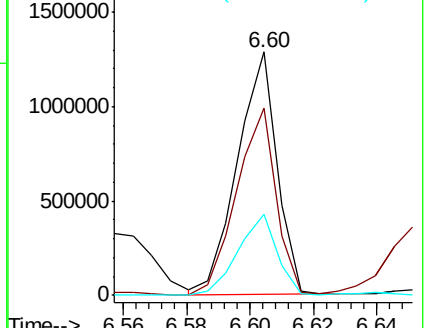
8/28/2020 1:33:29 PM



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 44.729 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

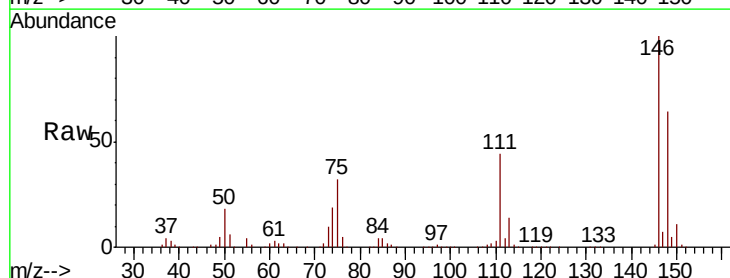
Tgt Ion: 146 Resp: 1210290

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

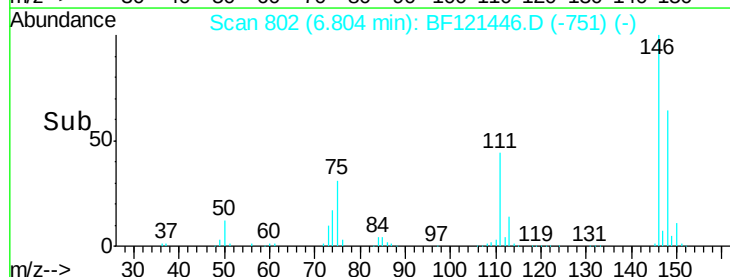
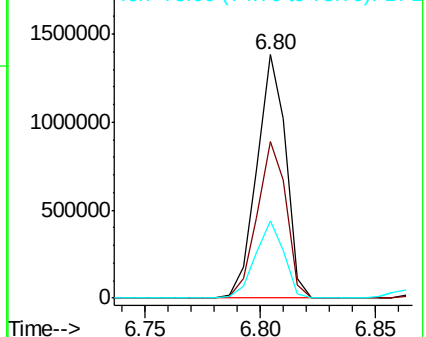
75 31.8 24.9 37.3

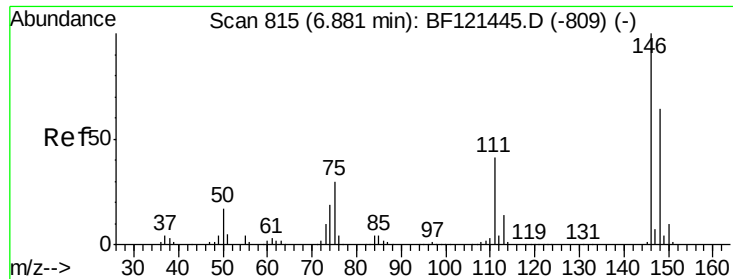


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





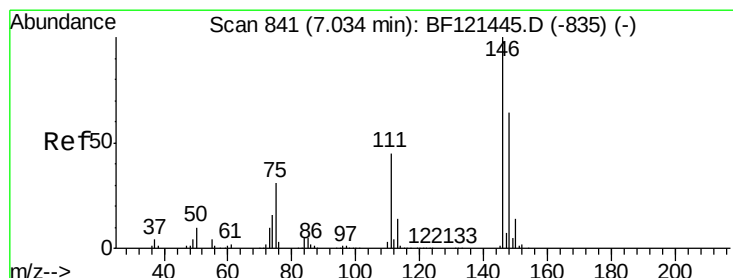
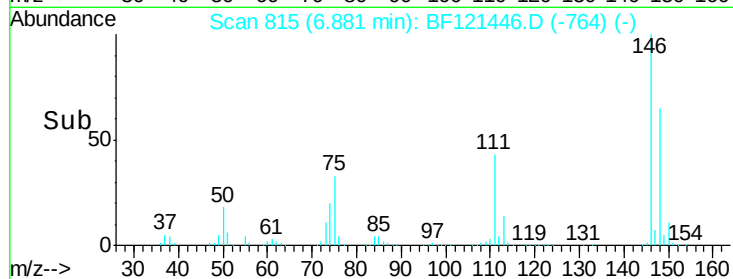
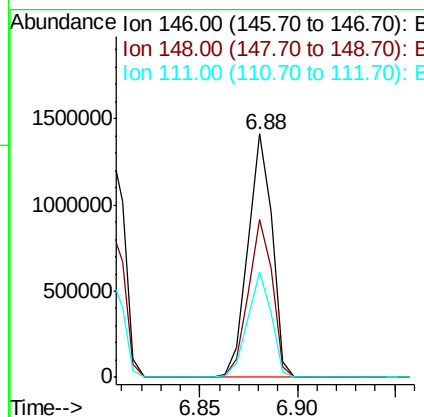
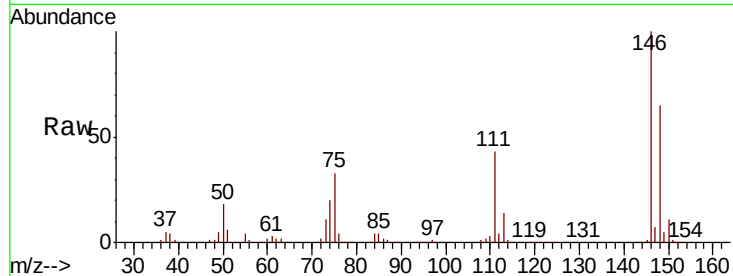
#13
1,4-Dichlorobenzene
Concen: 44.649 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:146 Resp: 1210011
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
111 43.1 33.0 49.6

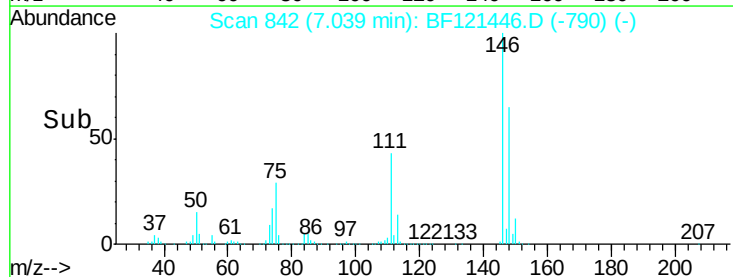
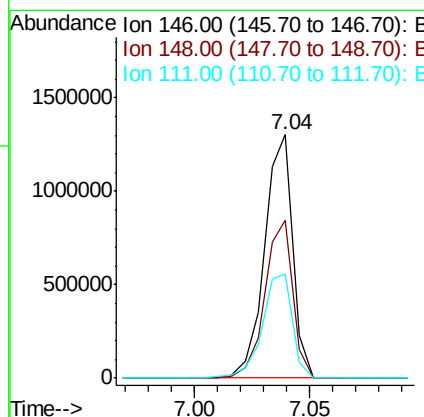
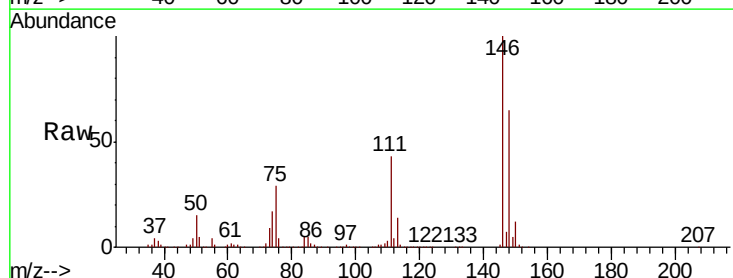
Manual Integrations
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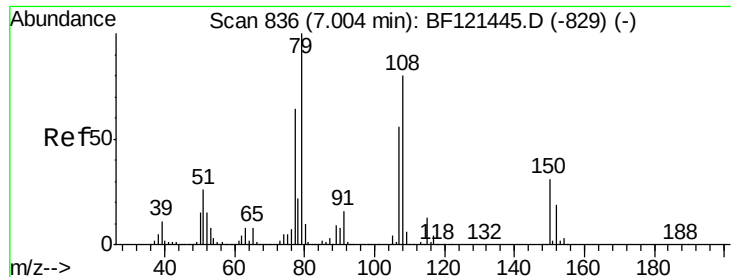
mohammad
8/28/2020 1:33:29 PM



#14
1,2-Dichlorobenzene
Concen: 43.743 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion:146 Resp: 1102609
Ion Ratio Lower Upper
146 100
148 65.1 51.1 76.7
111 42.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 44.940 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

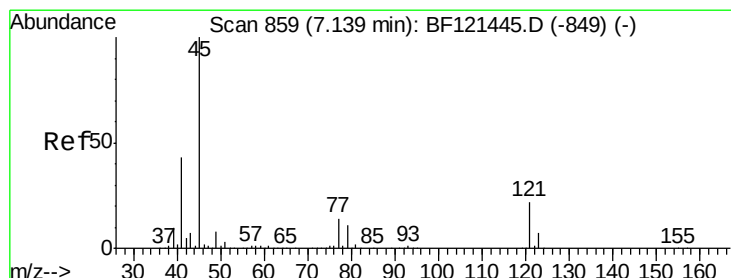
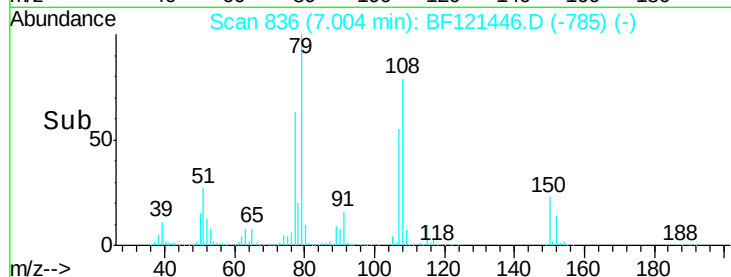
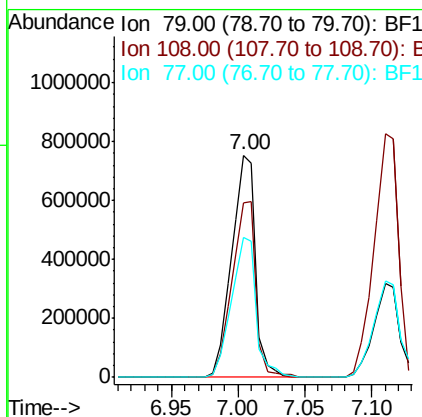
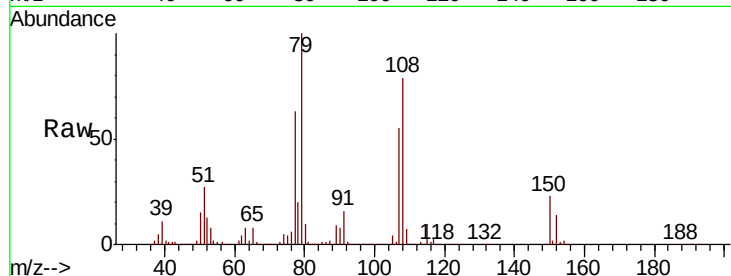
ClientSampled :

SSTDIC050

Tot Ion:	79	Resp:	943618
Ion Ratio	Lower	Upper	
79	100		
108	78.6	64.0	96.0
77	63.1	50.8	76.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.225 ng

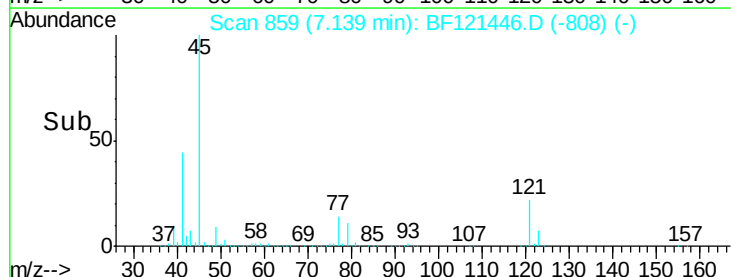
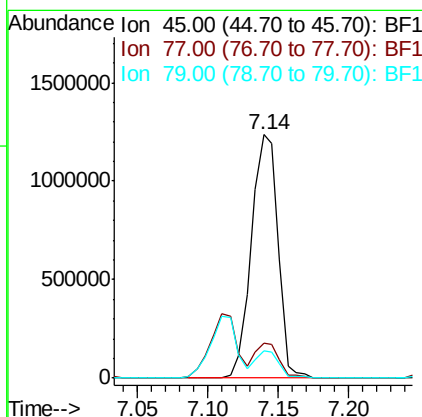
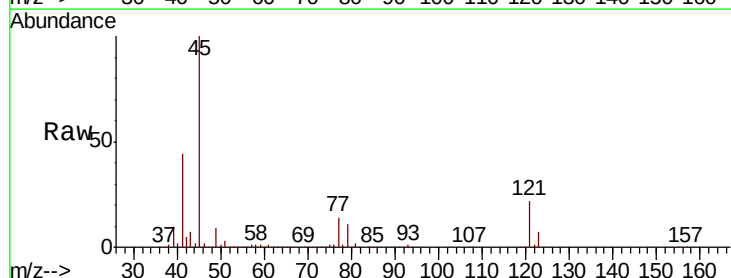
RT: 7.14 min Scan# 859

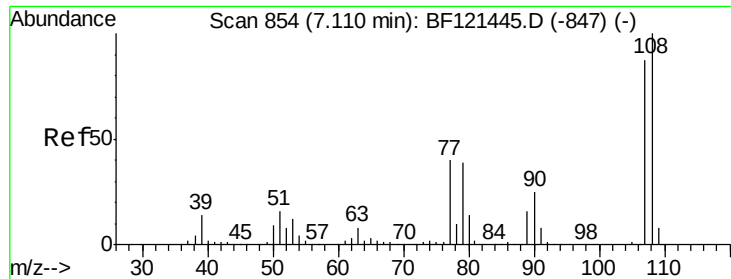
Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Tgt Ion:	45	Resp:	1642944
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	33.8
79	11.1	0.0	31.1





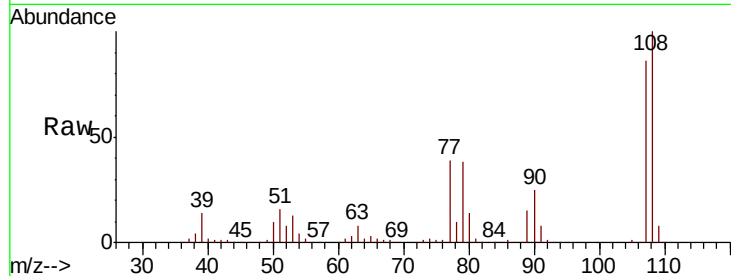
#17
2-Methylphenol
Concen: 45.331 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.8	91.7	137.5
77	45.6	36.4	54.6
79	44.5	35.5	53.3

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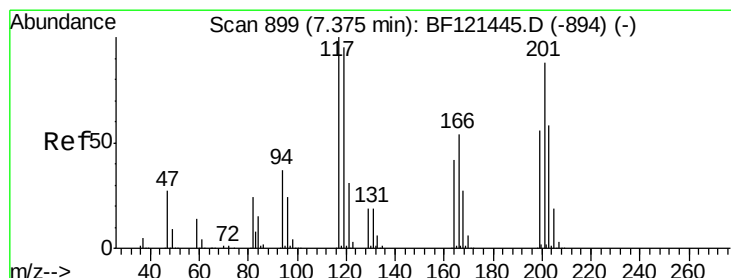
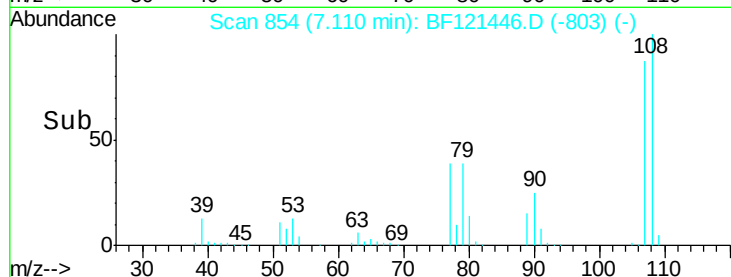
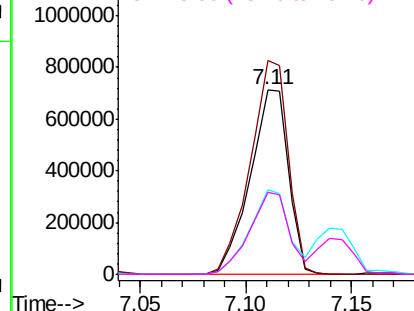
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

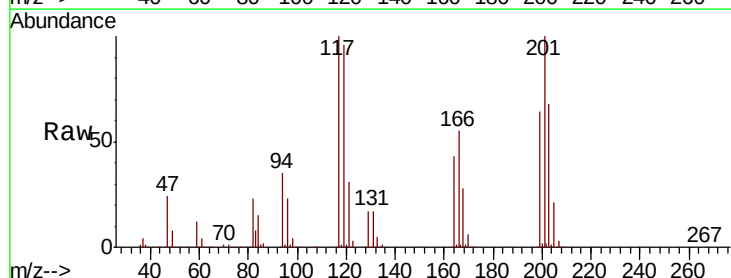
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.904 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	99.5	70.4	105.6

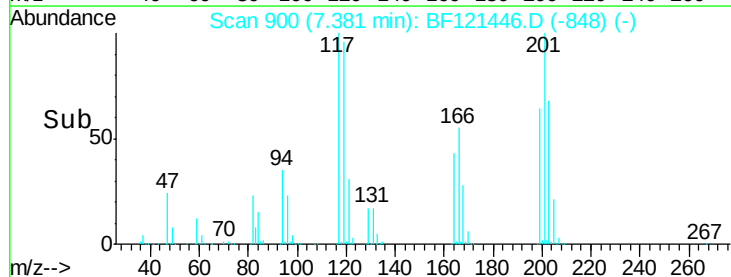
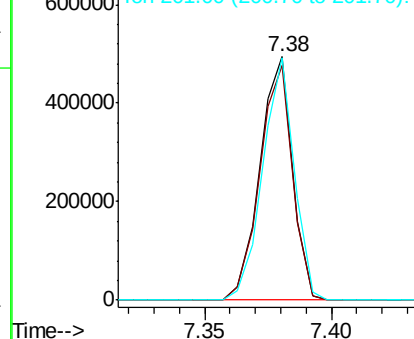


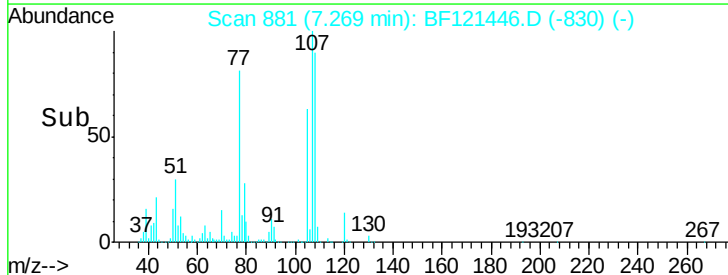
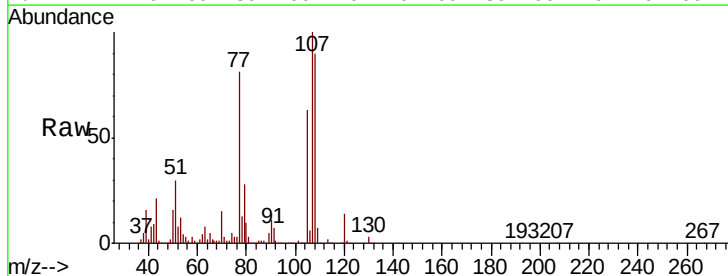
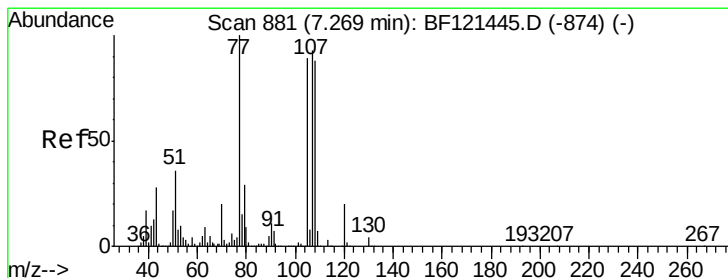
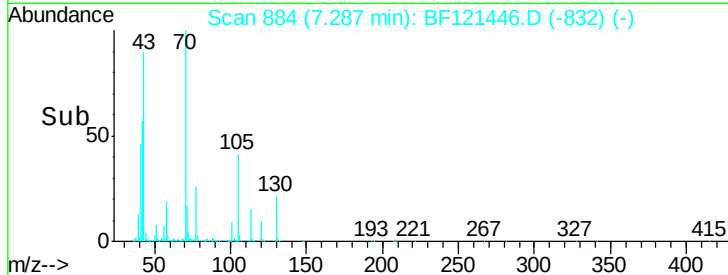
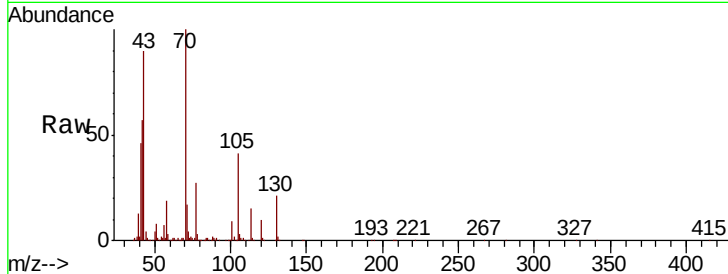
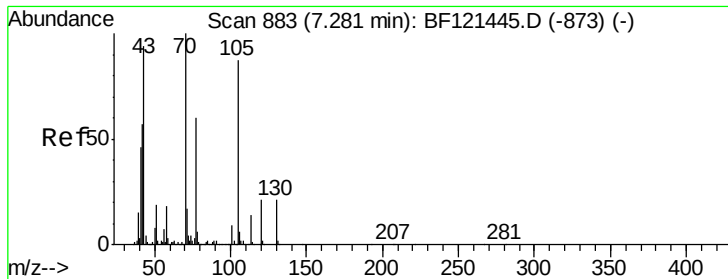
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





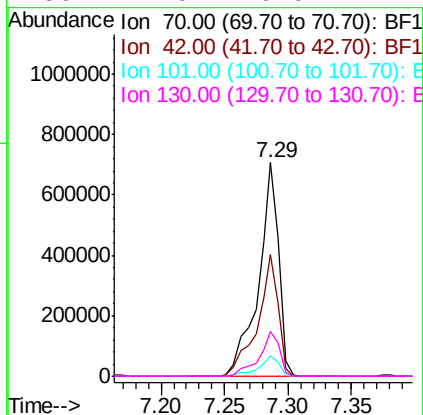
#19
n-Nitroso-di-n-propylamine
Concen: 43.855 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	45.8	68.6	
101	9.4	7.5	11.3	
130	21.0	16.5	24.7	

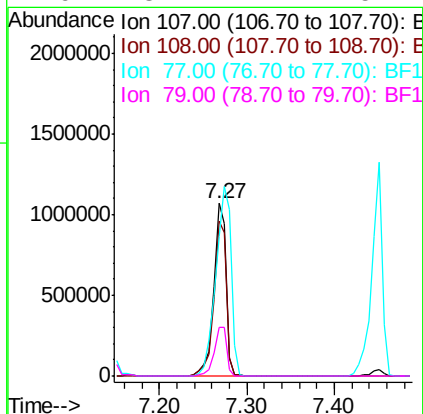
Manual Integrations
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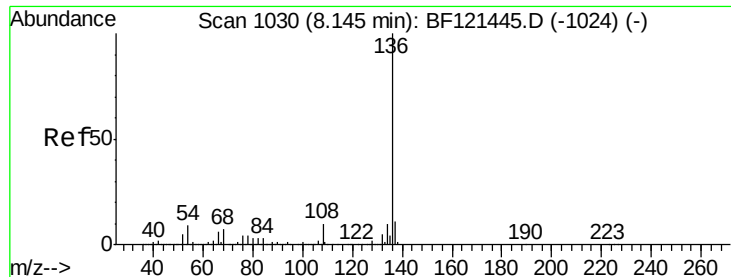
mohammad
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#20
3+4-Methylphenols
Concen: 43.497 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	75.0	115.0	
77	81.1	87.5	127.5	
79	28.2	11.1	51.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

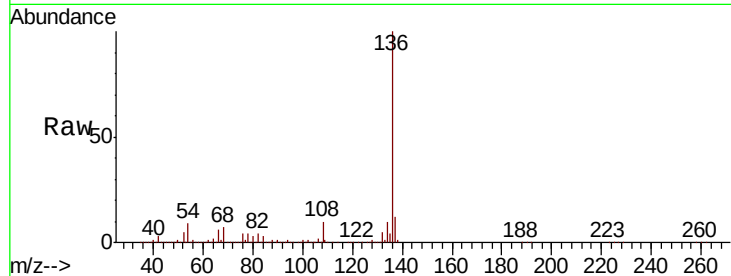
ClientSampleId :

SSTDICC050

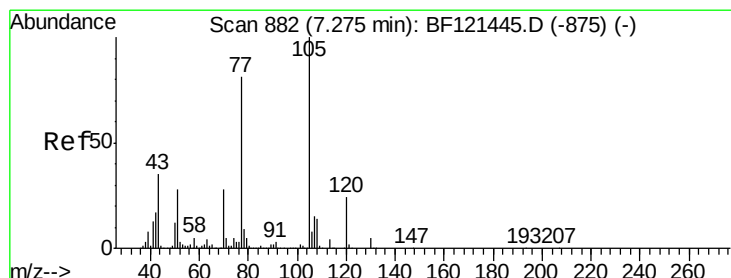
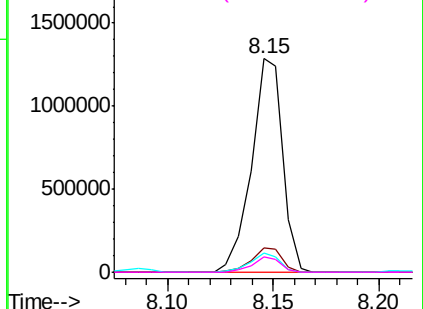
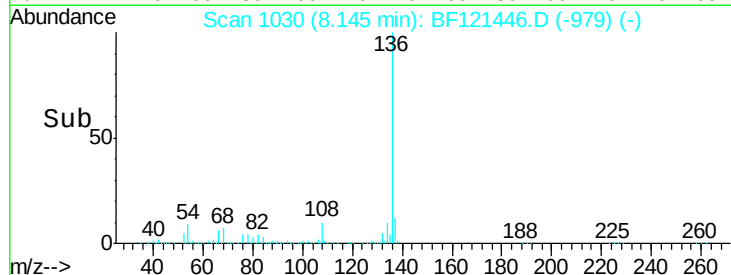
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.1	7.0	10.4
68	7.0	5.5	8.3

Manual Integrations
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Abundance Ion 136.00 (135.70 to 136.70): E
2000000
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: 44.406 ng

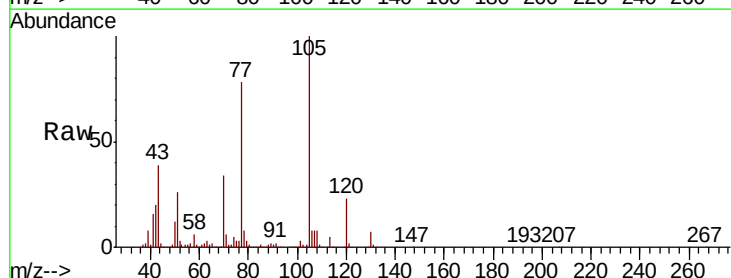
RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

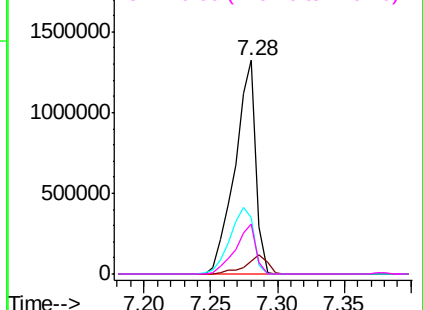
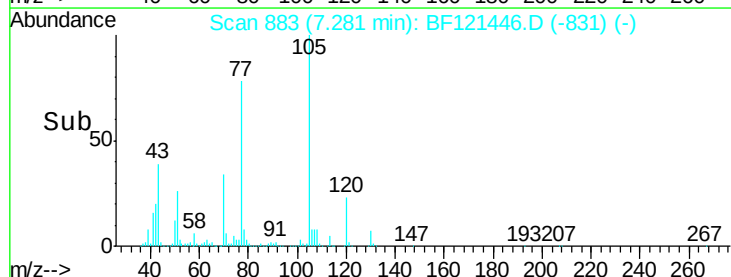
Lab File: BF121446.D

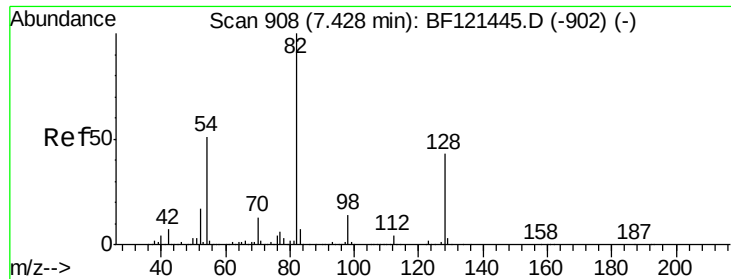
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.8	5.6#
51	26.3	22.6	33.8
120	23.4	18.9	28.3



Abundance Ion 105.00 (104.70 to 105.70): E
2000000
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





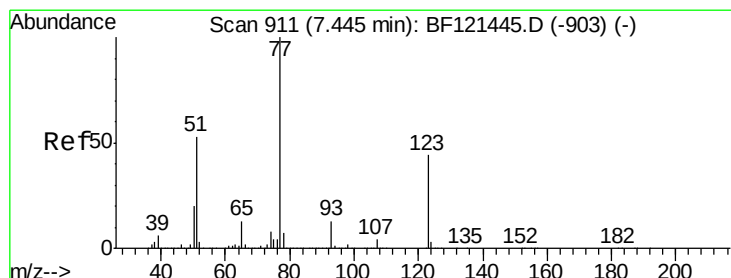
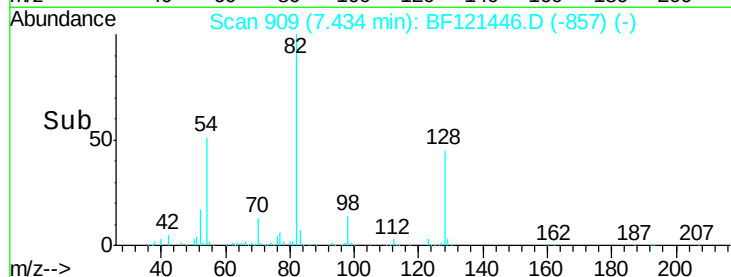
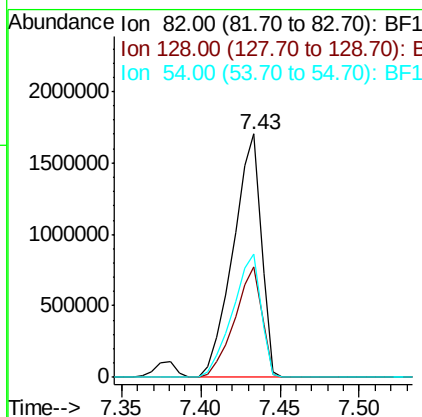
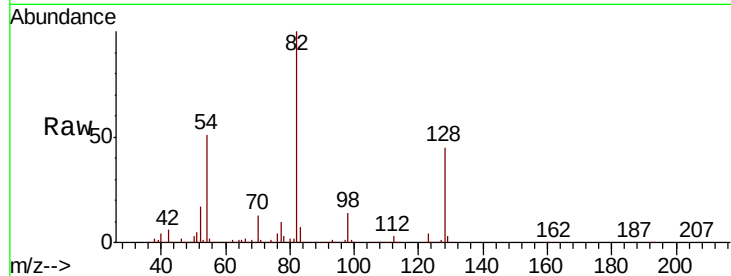
#23
Nitrobenzene-d5
Concen: 99.749 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.1	51.1
54	50.5	41.0	61.6

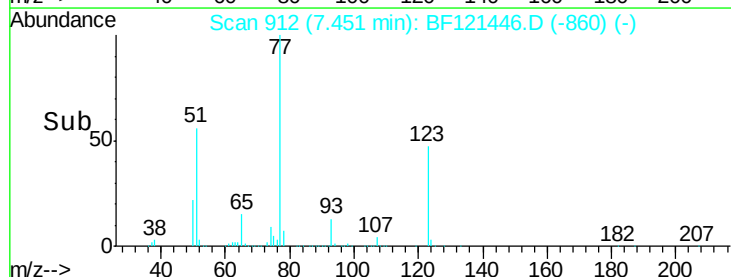
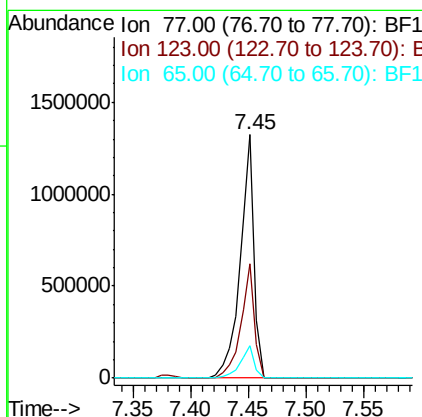
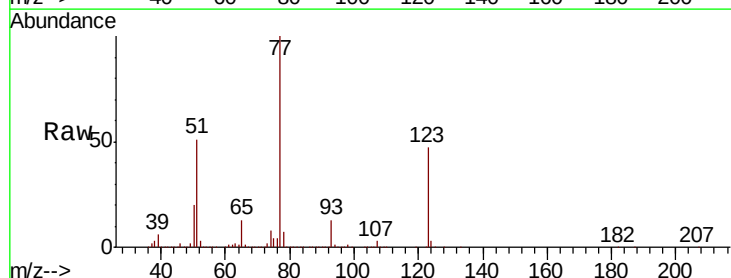
Manual Integrations
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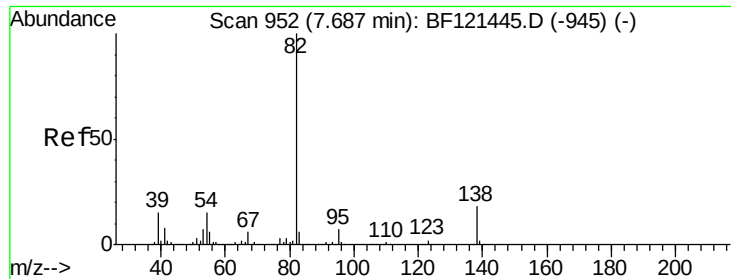
mohammad
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#24
Nitrobenzene
Concen: 49.085 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.5	53.3
65	13.4	10.6	16.0





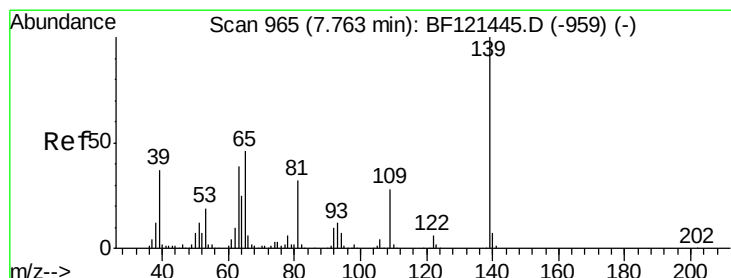
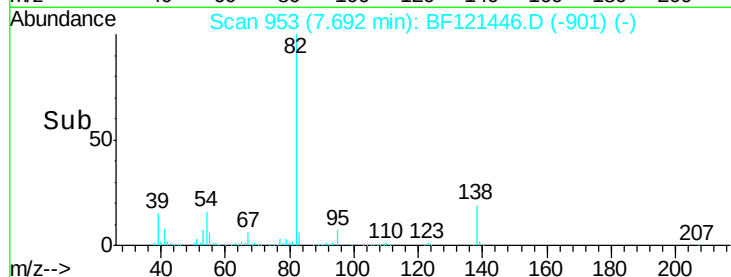
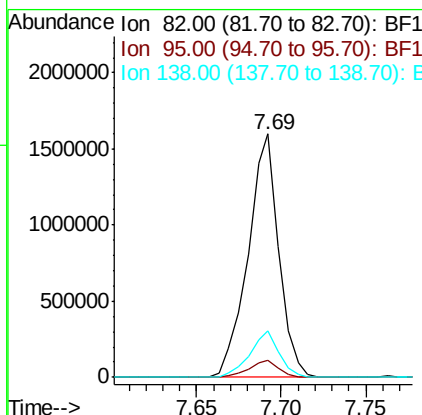
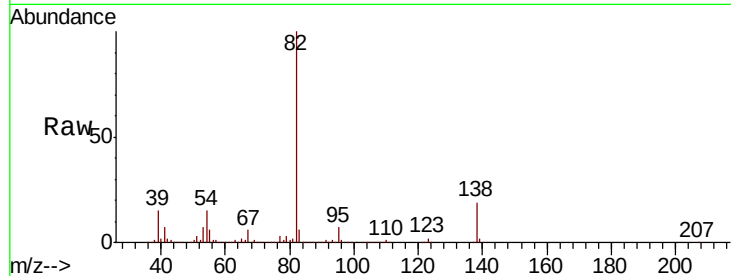
#25
Isophorone
Concen: 45.583 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.0	14.8	22.2

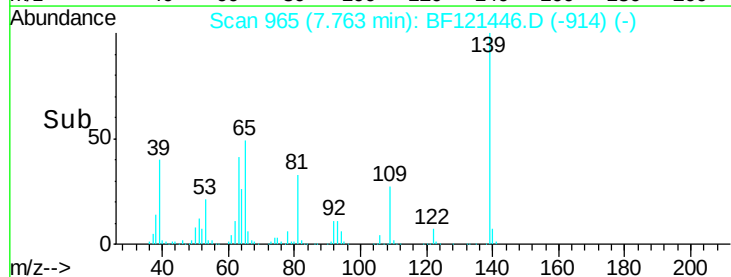
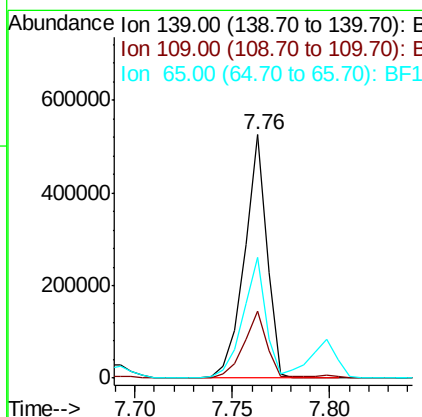
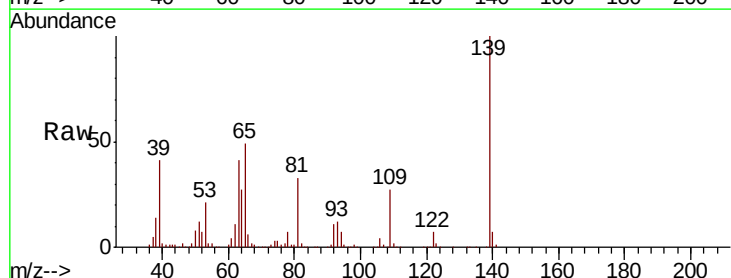
Manual Integrations
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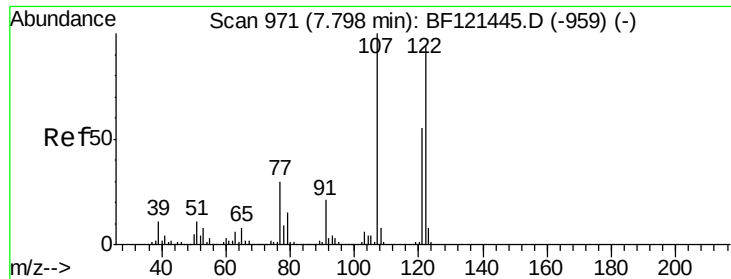
mohammad
8/28/2020 1:33:29 PM



#26
2-Nitrophenol
Concen: 53.760 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.4	22.1	33.1
65	49.5	37.2	55.8





#27

2,4-Dimethylphenol

Concen: 47.409 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

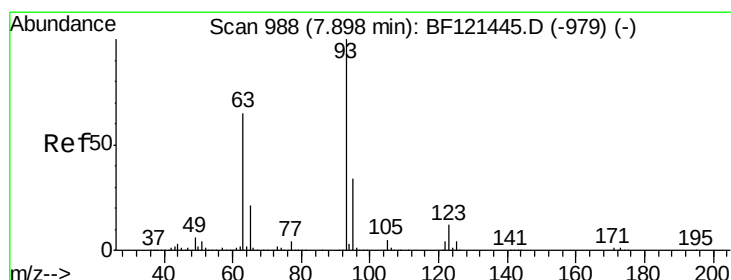
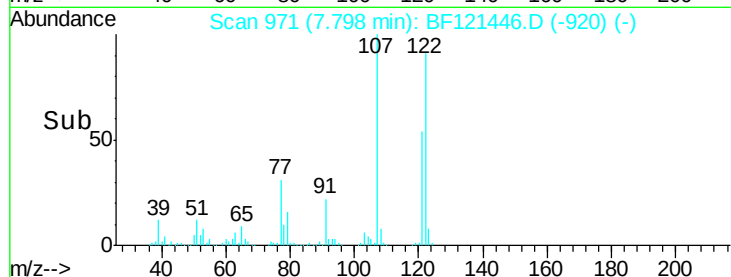
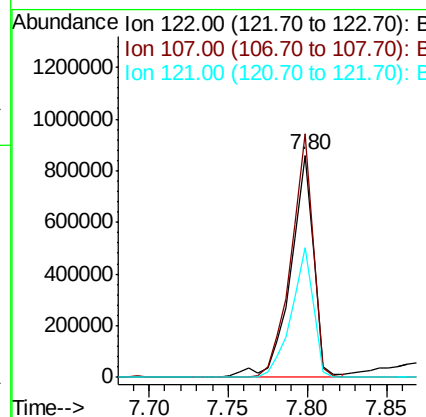
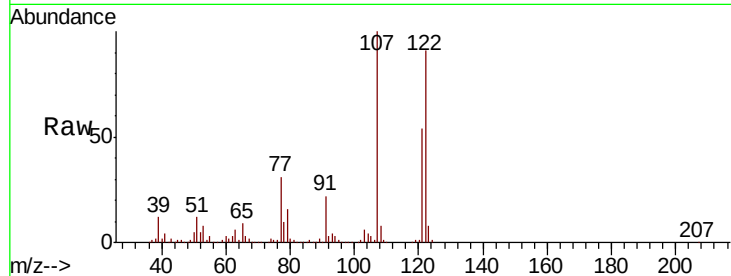
ClientSampleId :

SSTDIC050

Tot Ion:	122	Resp:	868912
Ion Ratio	Lower	Upper	
122	100		
107	109.7	84.9	127.3
121	58.7	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 45.803 ng

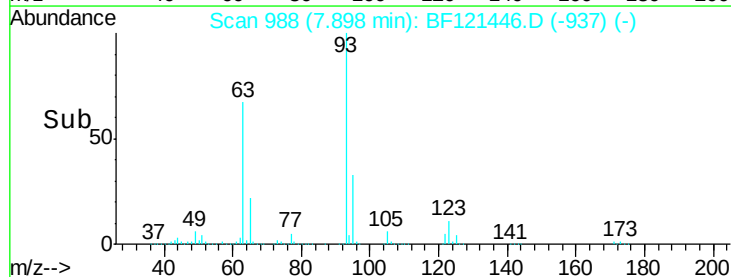
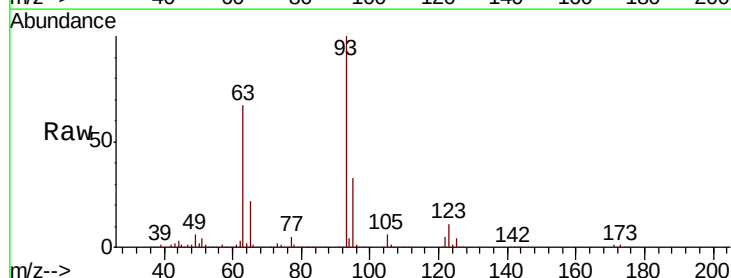
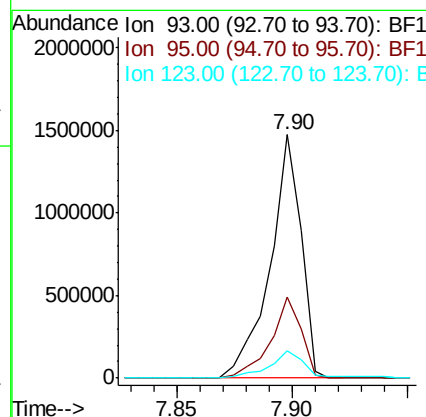
RT: 7.90 min Scan# 988

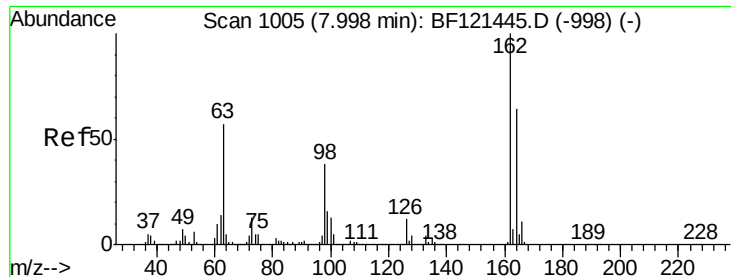
Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Tgt Ion:	93	Resp:	1376709
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.8	40.2
123	11.4	9.6	14.4





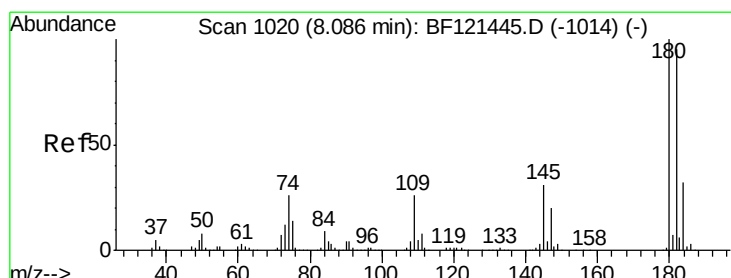
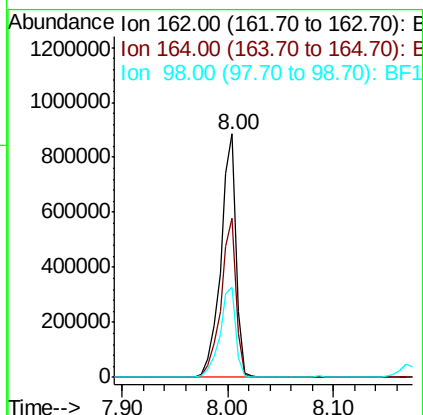
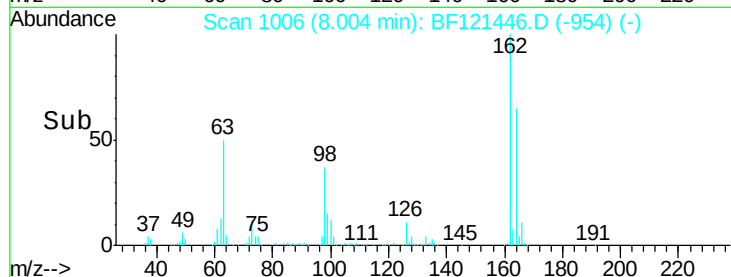
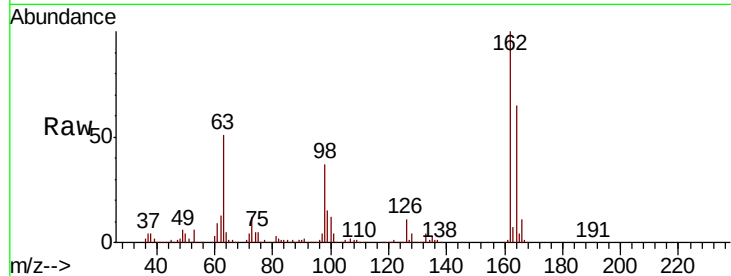
#29
2,4-Dichlorophenol
Concen: 47.916 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:	162	Resp:	897647
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.0	84.0
98	36.8	18.4	58.4

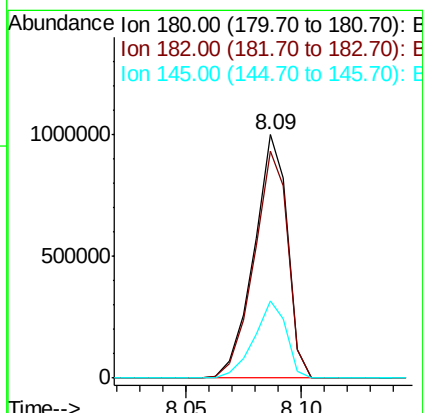
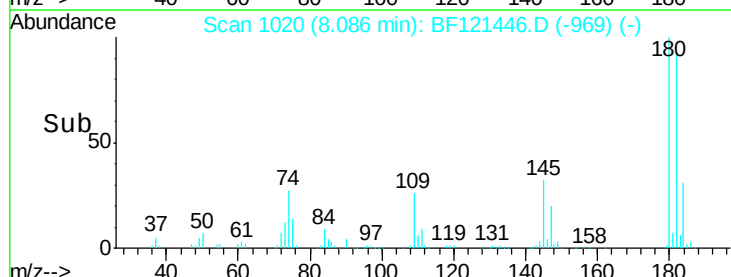
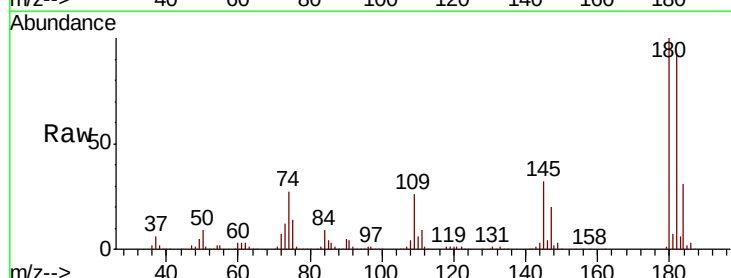
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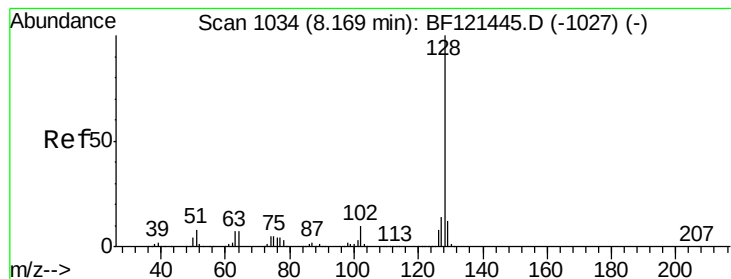
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#30
1,2,4-Trichlorobenzene
Concen: 46.332 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion:	180	Resp:	1006437
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.2	114.4
145	31.8	25.2	37.8





#31

Naphthalene

Concen: 44.464 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

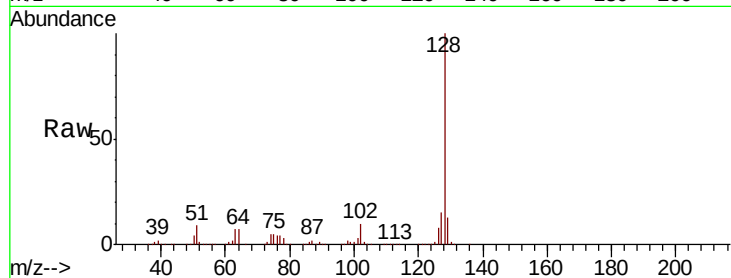
ClientSampleId :

SSTDICC050

Tot Ion:128	Resp: 2926907
Ion Ratio	Lower Upper
128 100	
129 12.7	9.6 14.4
127 14.7	11.4 17.2

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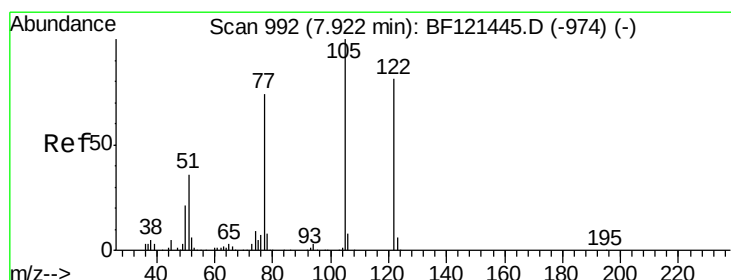
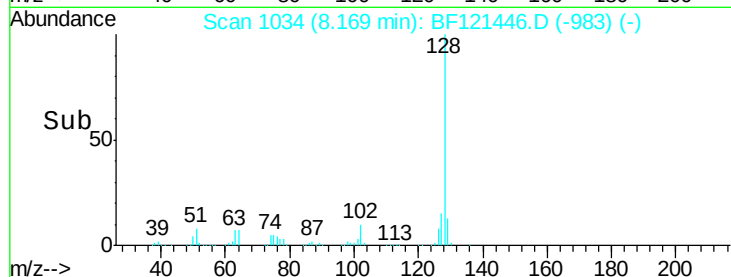
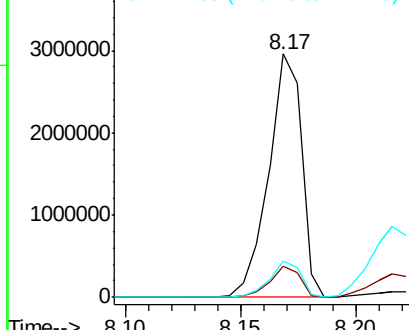


Abundance

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: 56.851 ng

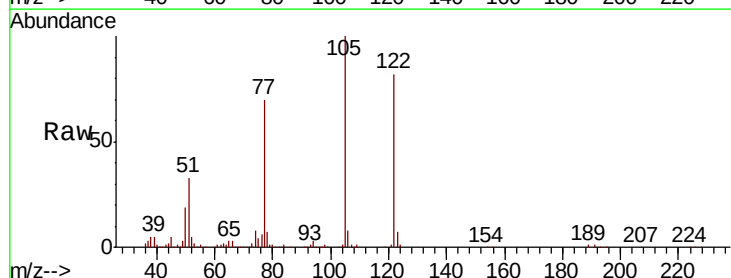
RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Tgt	Ion:122	Resp:	586360
Ion	Ratio	Lower	Upper
122	100		
105	122.0	100.8	140.8
77	85.8	71.5	111.5

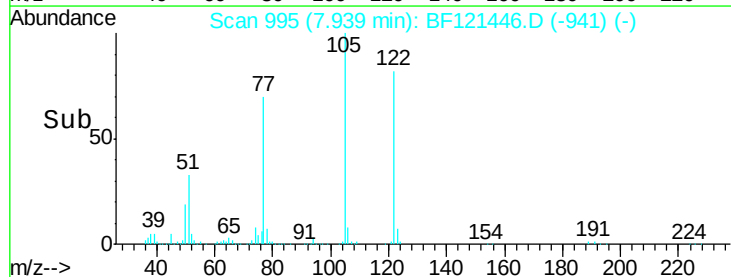
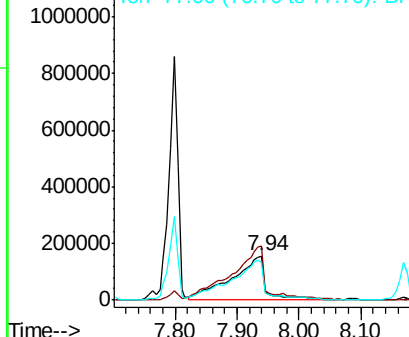


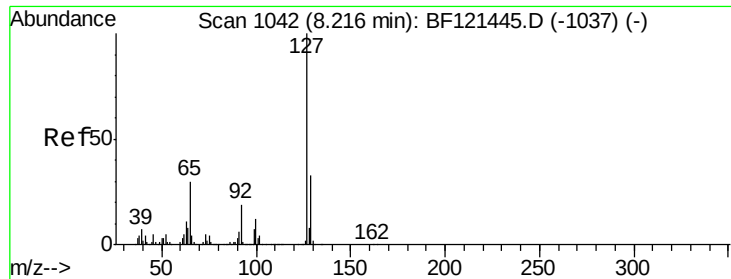
Abundance

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





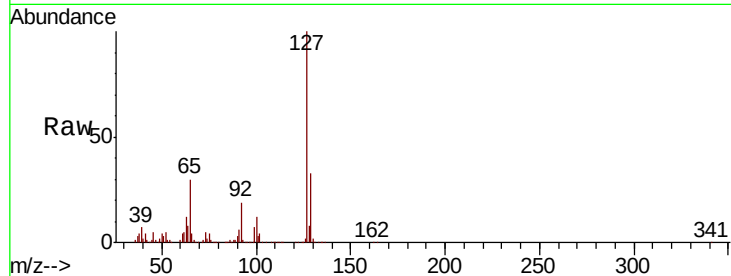
#33
4-Chloroaniline
Concen: 47.472 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

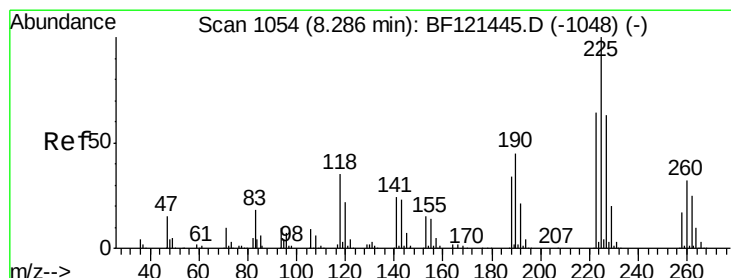
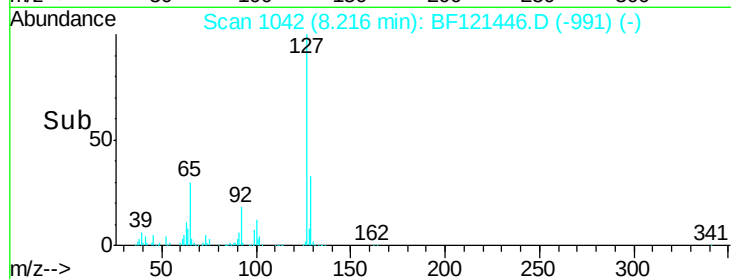
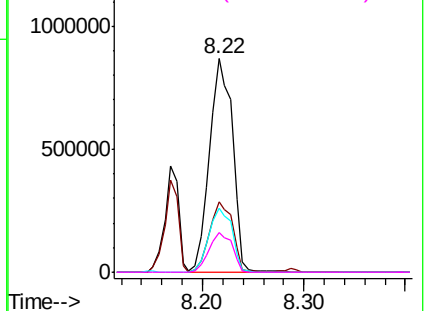
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	30.2	23.7	35.5
92	18.5	15.0	22.6

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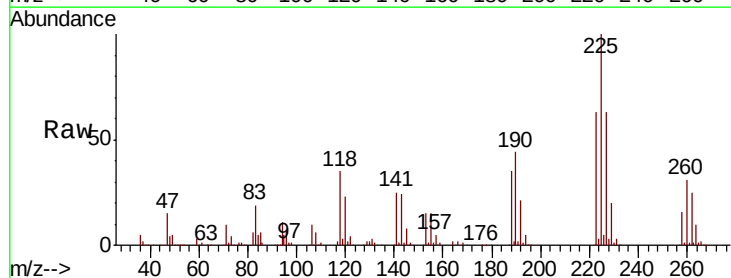


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

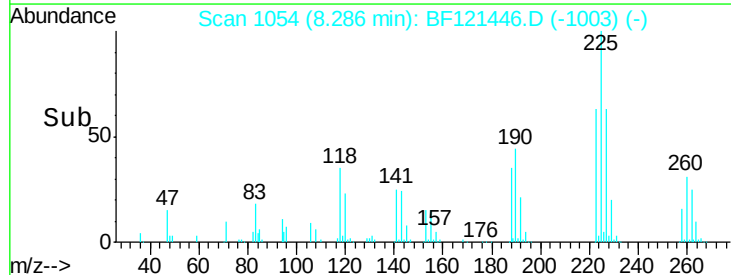
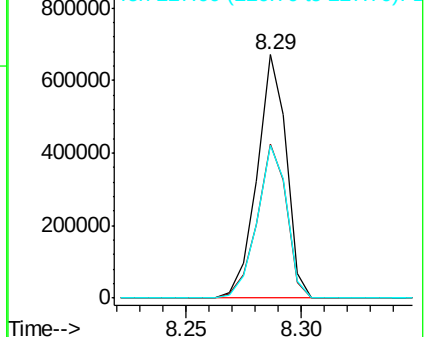


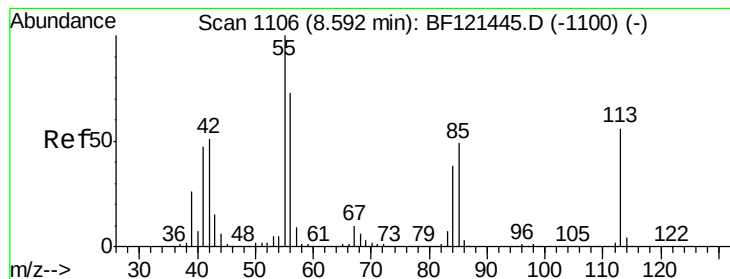
#34
Hexachlorobutadiene
Concen: 45.810 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.4
227	62.8	50.0	75.0



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





#35

Caprolactam

Concen: 46.727 ng/ml

RT: 8.60 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 113 Resp: 300539

Ion Ratio Lower Upper

113 100

55 176.0 159.9 199.9

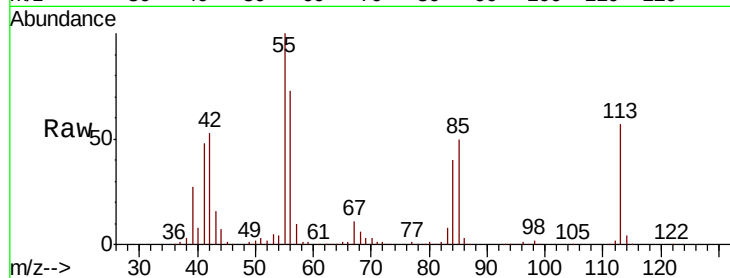
56 129.1 111.4 151.4

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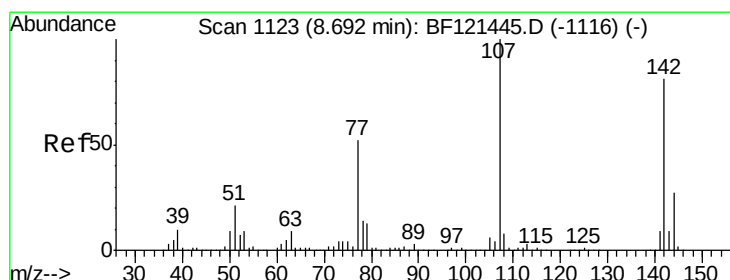
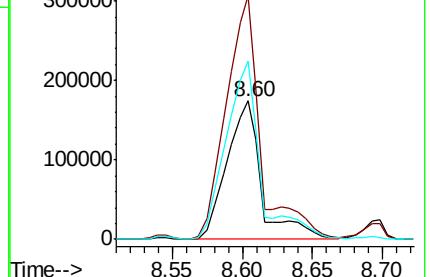
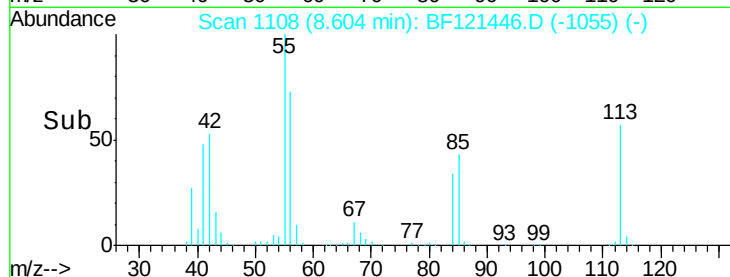
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.091 ng/ml

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

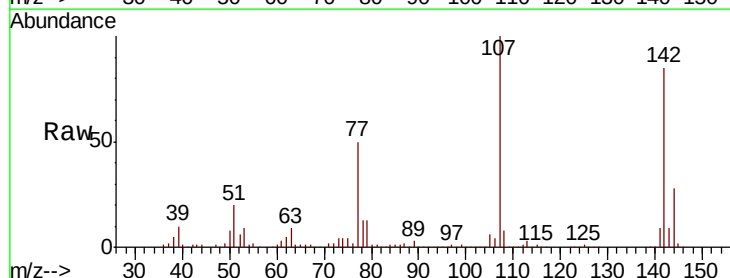
Tgt Ion: 107 Resp: 895815

Ion Ratio Lower Upper

107 100

144 27.9 21.4 32.2

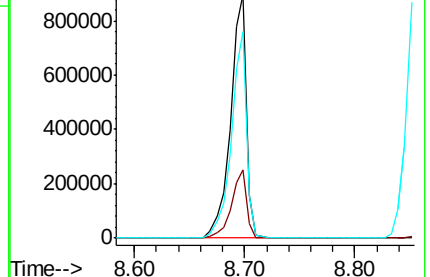
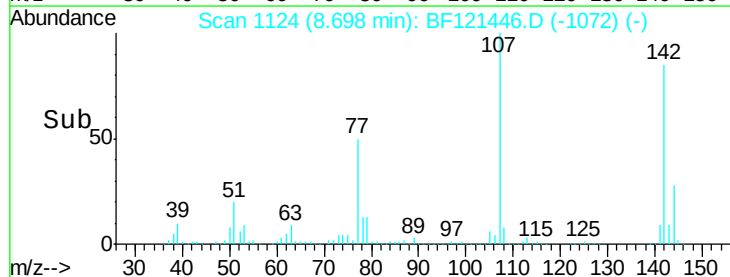
142 84.6 65.0 97.4

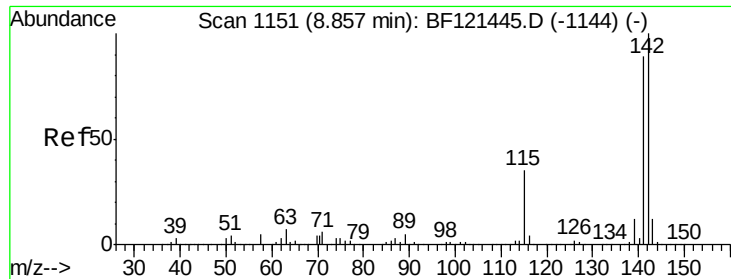


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





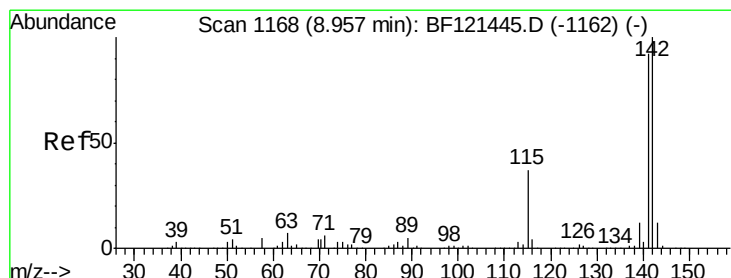
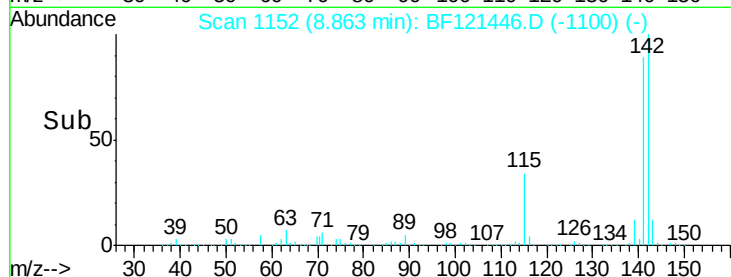
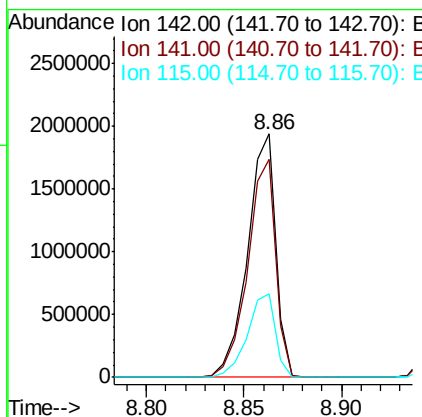
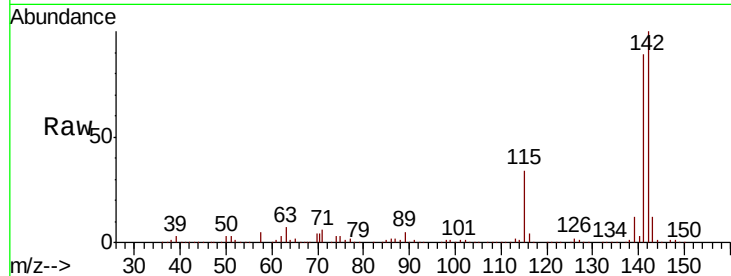
#37
2-Methylnaphthalene
Concen: 43.978 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	34.5	28.2	42.4

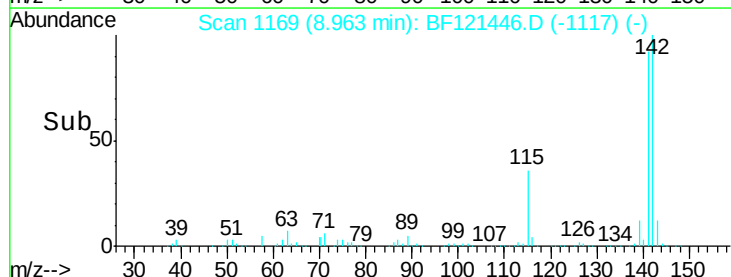
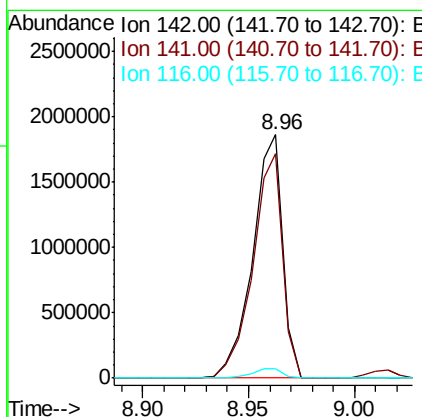
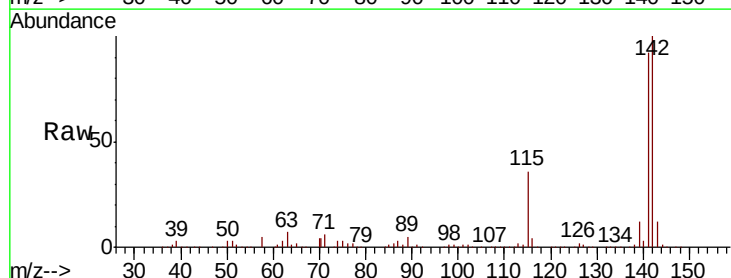
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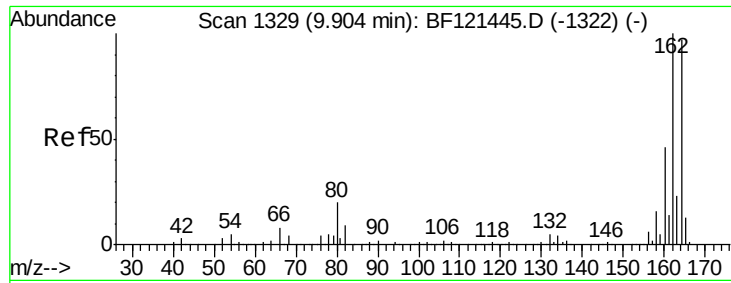
mohammad
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#38
1-Methylnaphthalene
Concen: 44.056 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5
116	3.8	3.1	4.7





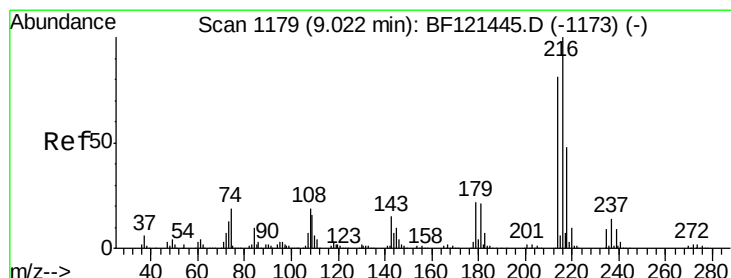
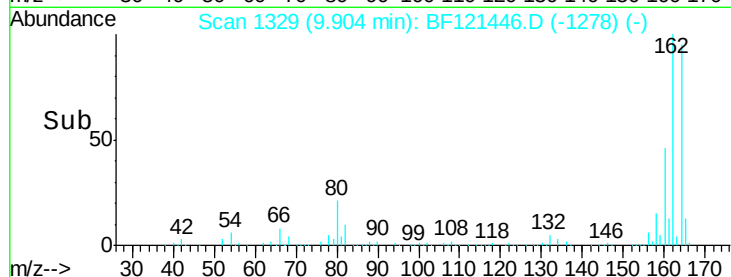
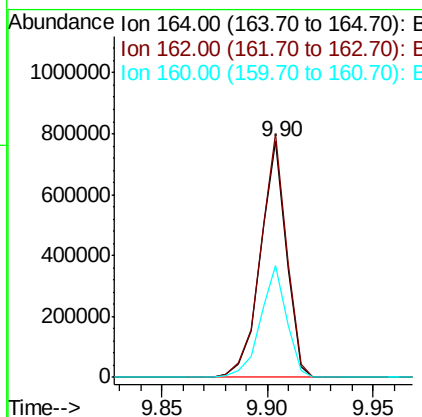
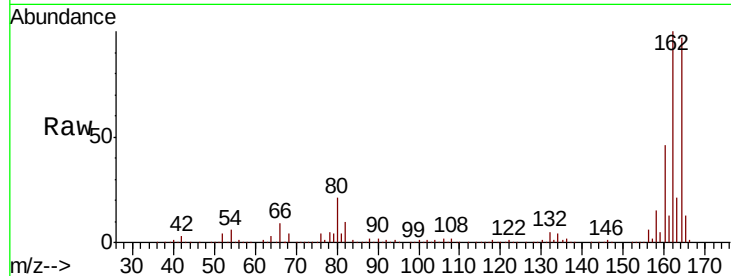
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	164	Resp	664437
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.4	123.6
160	47.4	37.6	56.4

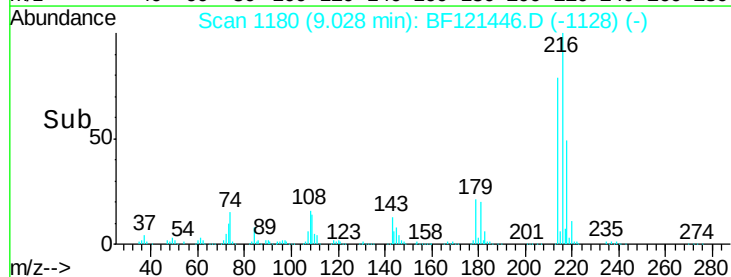
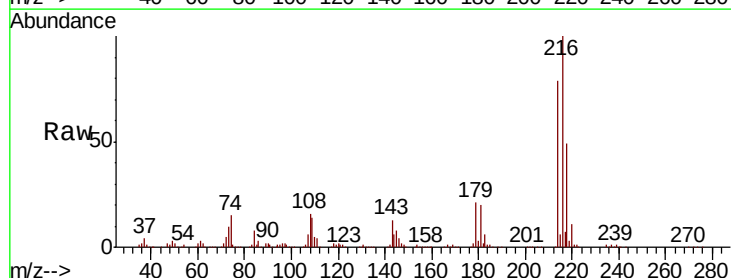
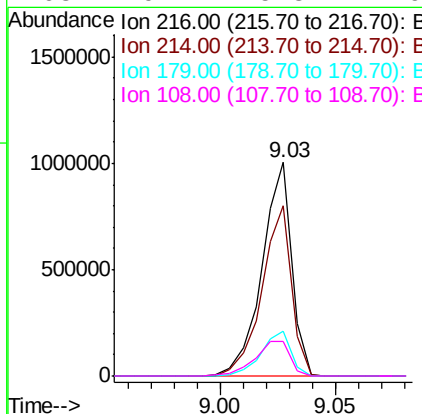
Manual Integrations
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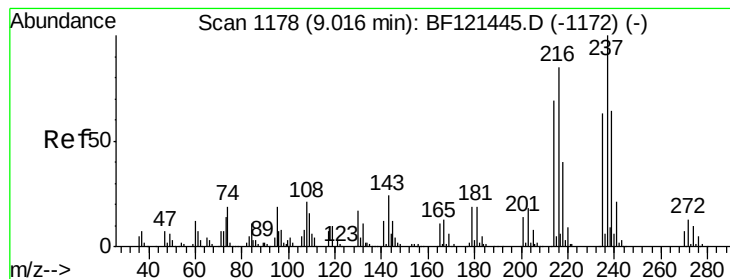
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.231 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	216	Resp	898296
Ion Ratio	Lower	Upper	
216	100		
214	79.5	64.2	96.4
179	21.5	17.0	25.4
108	19.4	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 47.867 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

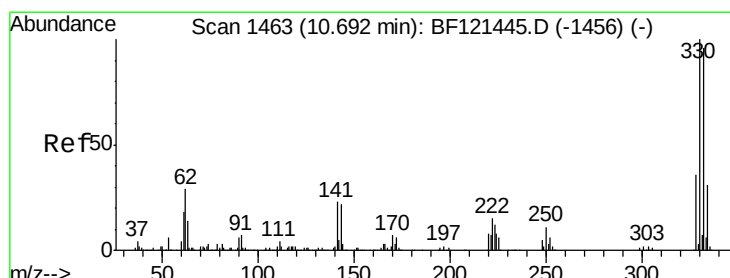
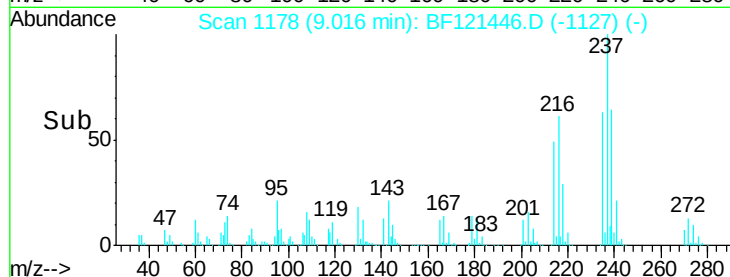
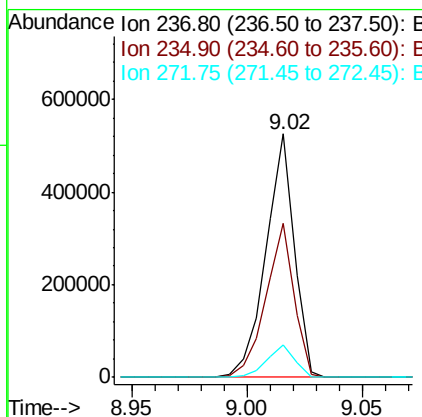
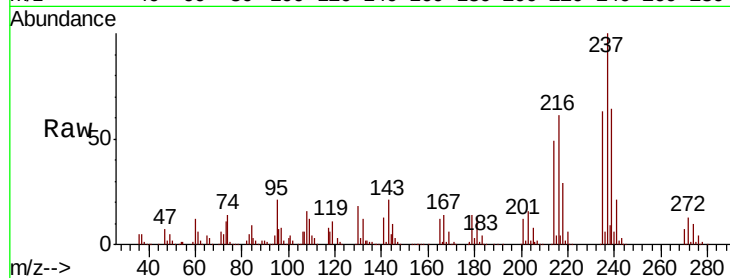
ClientSampleId :

SSTDIC050

Tot Ion:	237	Resp:	450031
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.9	82.9
272	13.2	0.0	33.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 95.212 ng

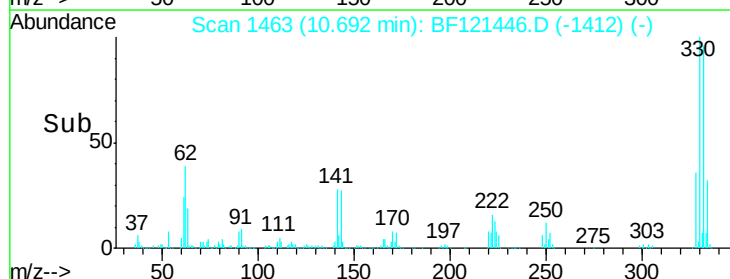
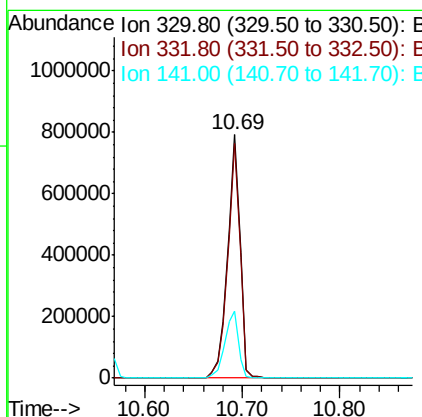
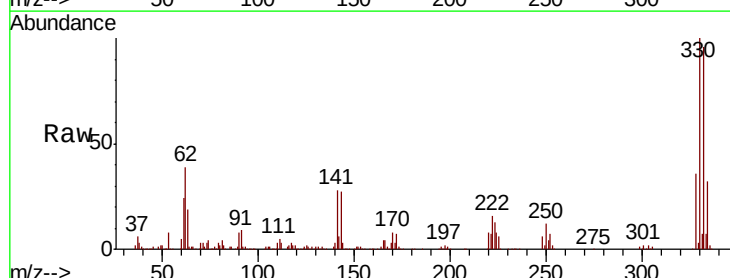
RT: 10.69 min Scan# 1463

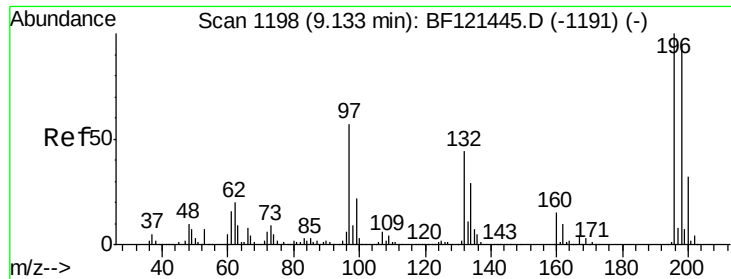
Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Tgt Ion:	330	Resp:	708418
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.2	114.2
141	30.1	24.6	36.8





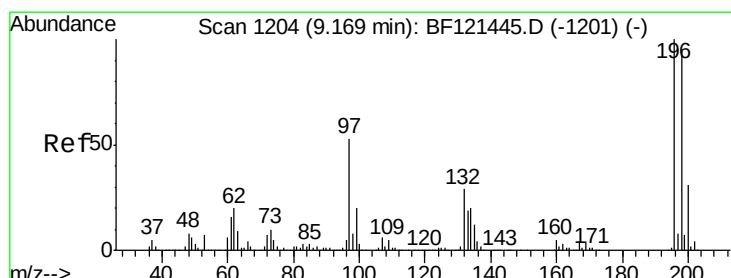
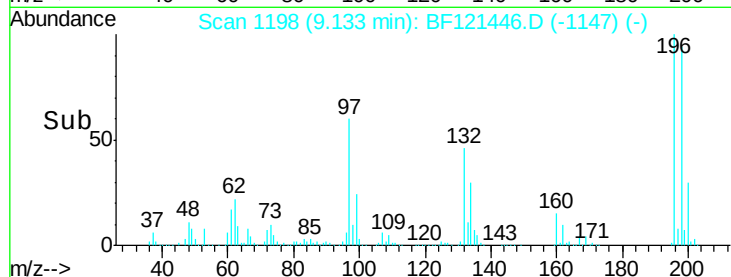
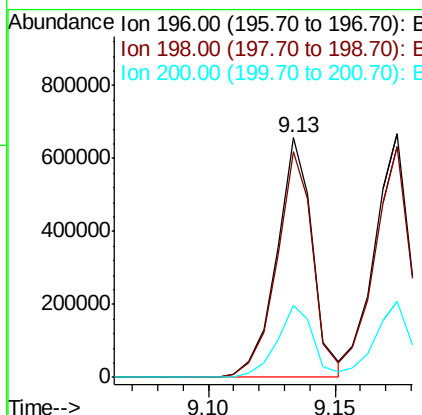
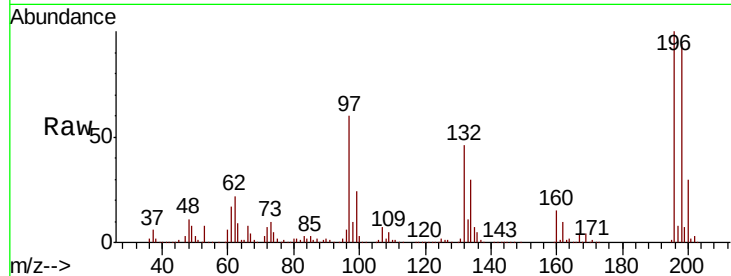
#43
 2,4,6-Trichlorophenol
 Concen: 49.209 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	196	Resp:	647668
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.8	113.6
200	30.2	25.3	37.9

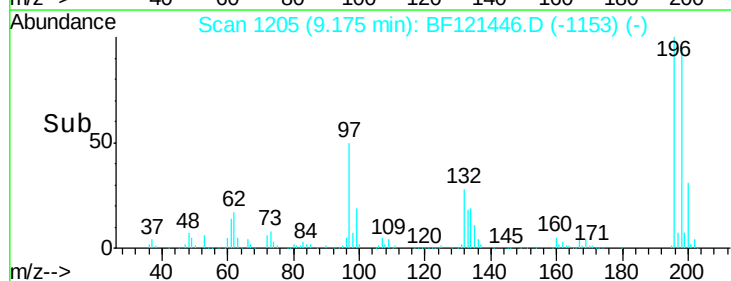
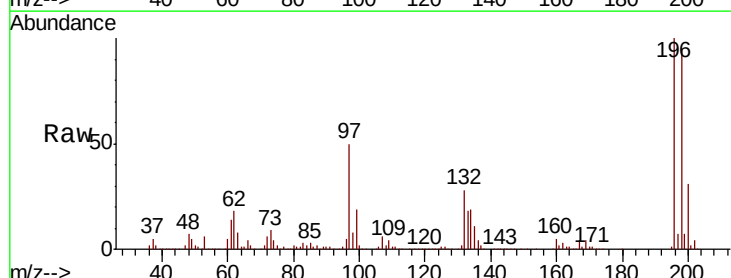
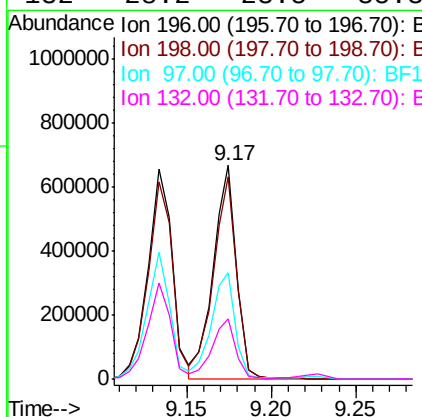
Manual Integrations
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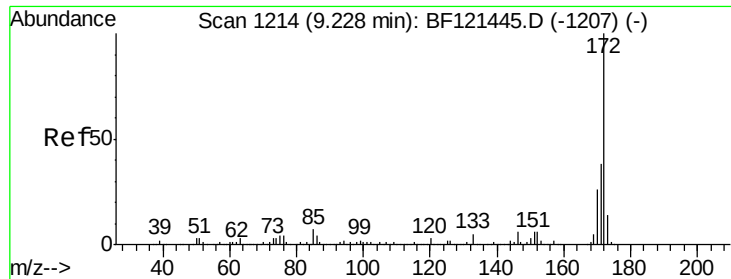
mohammad
 8/28/2020 1:33:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.816 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Tgt Ion:	196	Resp:	639372
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.2	114.2
97	49.6	42.6	64.0
132	28.2	23.5	35.3





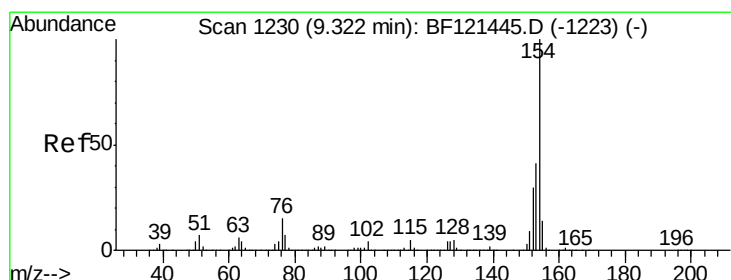
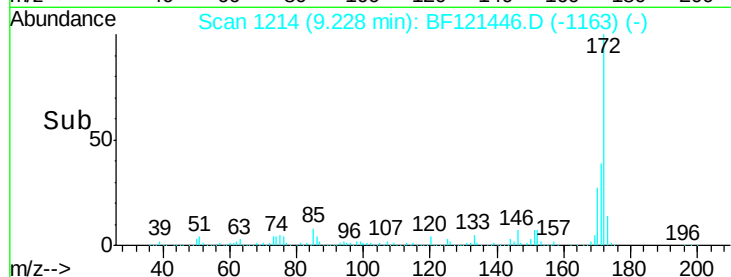
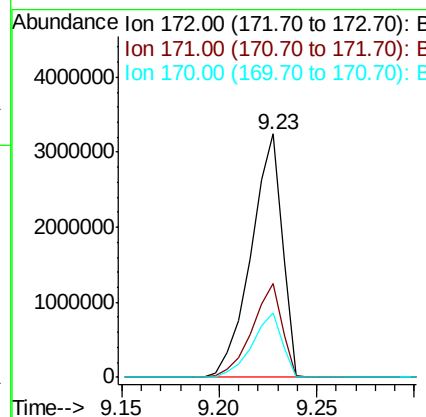
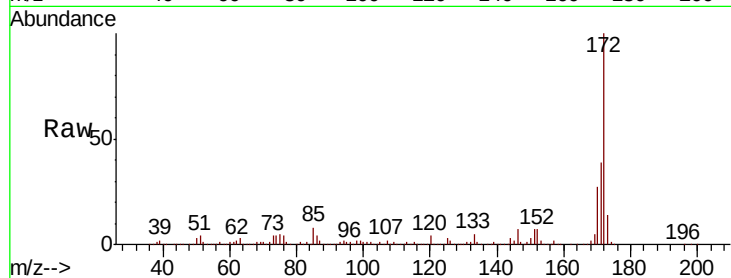
#45
2-Fluorobiphenyl
Concen: 84.880 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.6	45.8
170	26.7	20.6	31.0

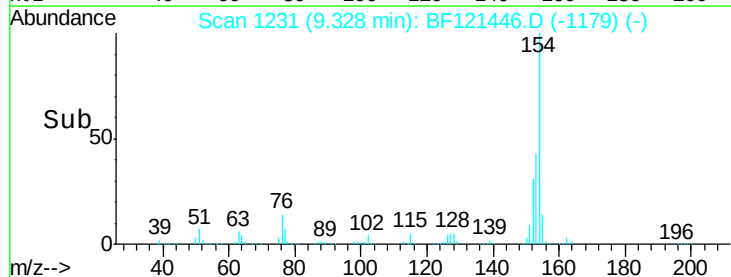
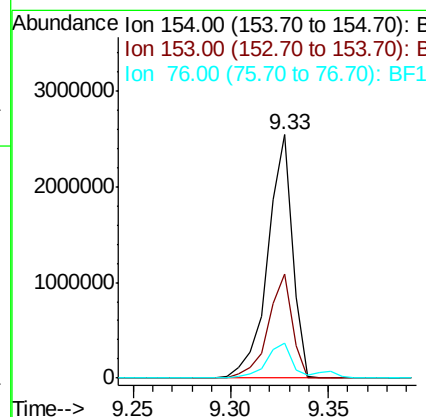
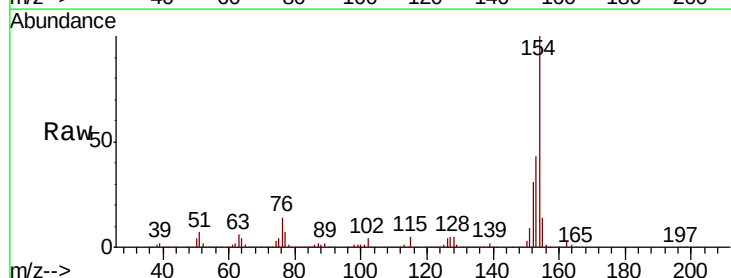
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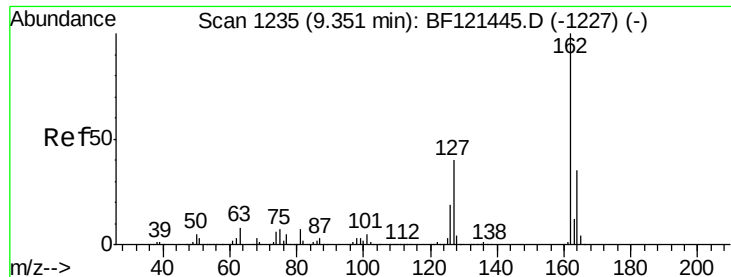
mohammad
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#46
1,1'-Biphenyl
Concen: 44.883 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.2	61.2
76	14.3	0.0	35.2





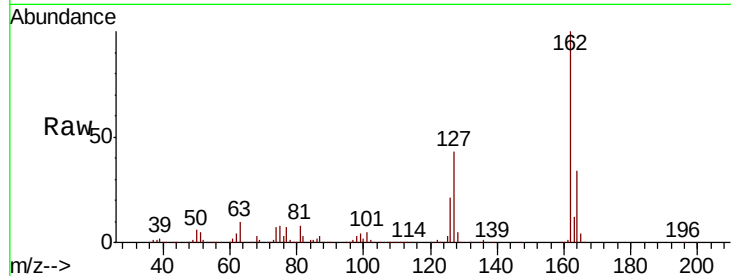
#47
 2-Chloronaphthalene
 Concen: 46.110 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

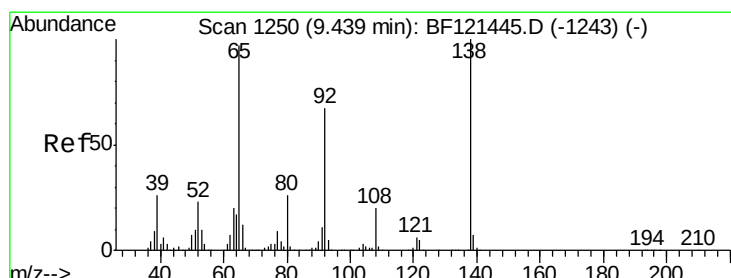
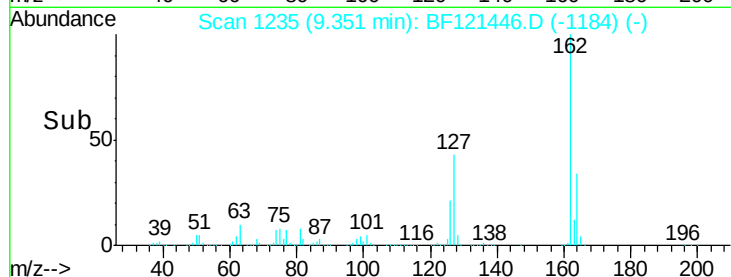
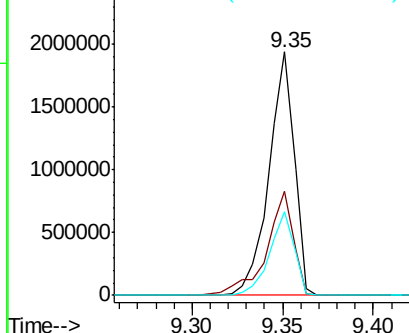
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	32.6	48.8
164	34.1	27.8	41.6

Manual Integrations
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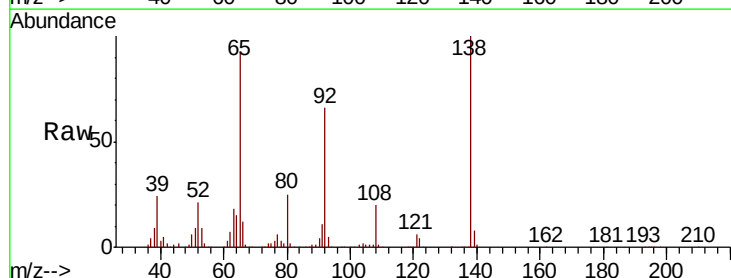


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

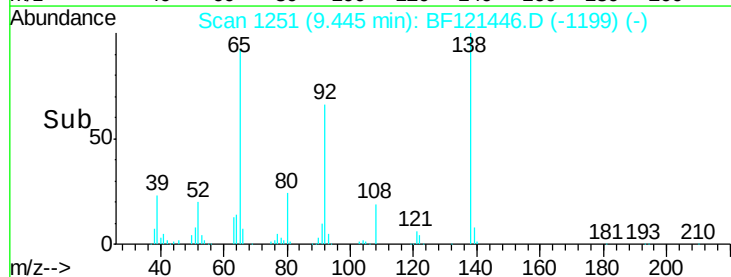
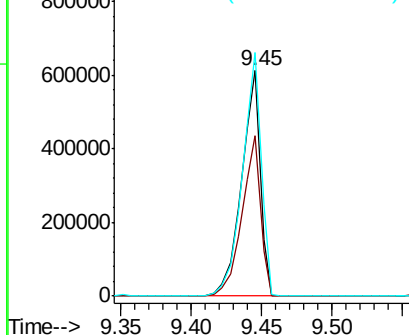


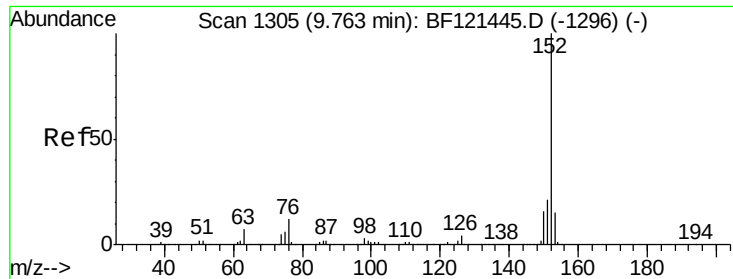
#48
 2-Nitroaniline
 Concen: 54.070 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	55.6	83.4
138	108.1	82.9	124.3



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





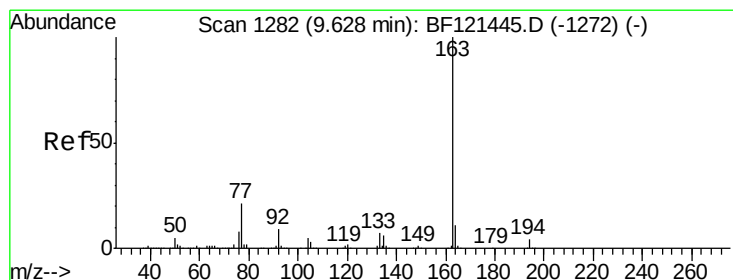
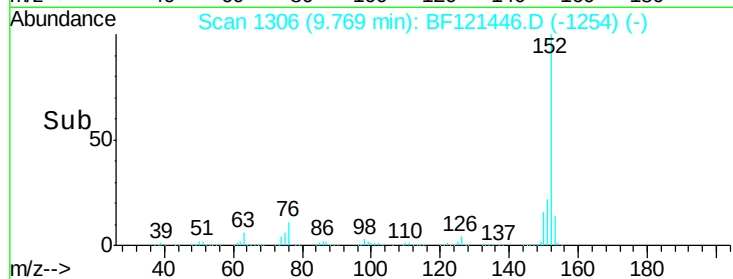
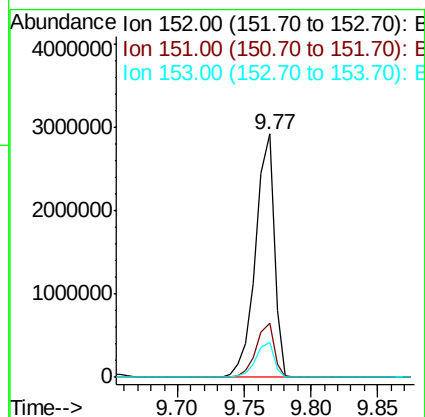
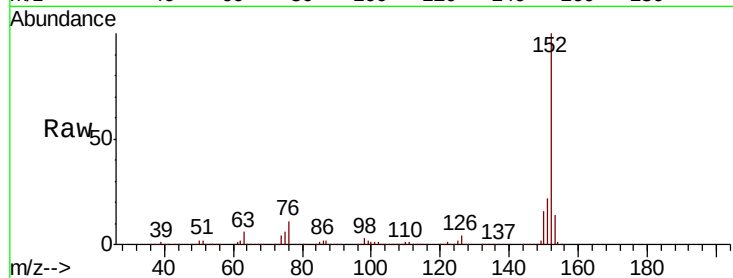
#49
Acenaphthylene
Concen: 45.082 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.2	25.8
153	14.4	11.6	17.4

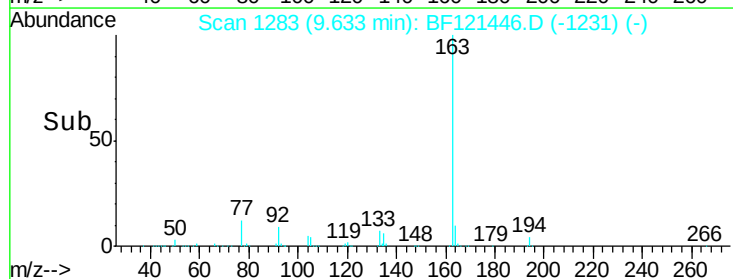
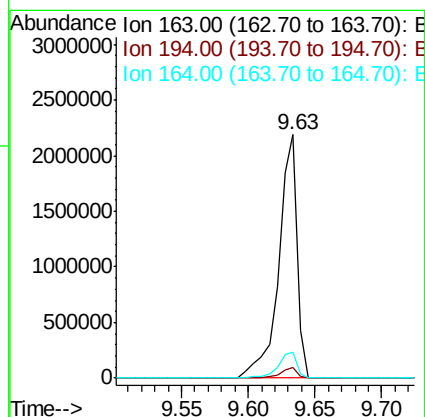
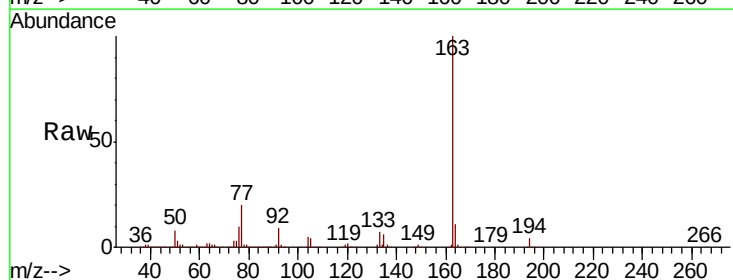
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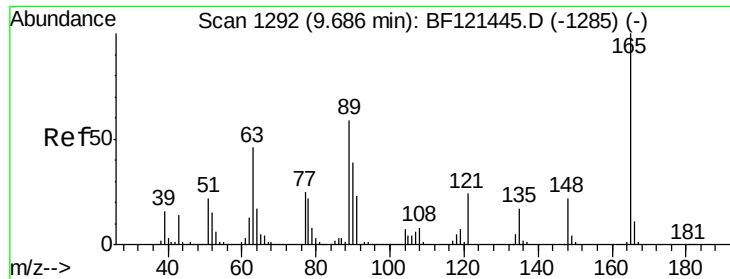
mohammad
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#50
Dimethylphthalate
Concen: 44.890 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.6	8.6	12.8





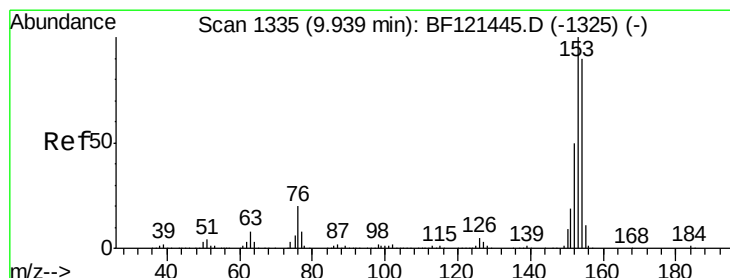
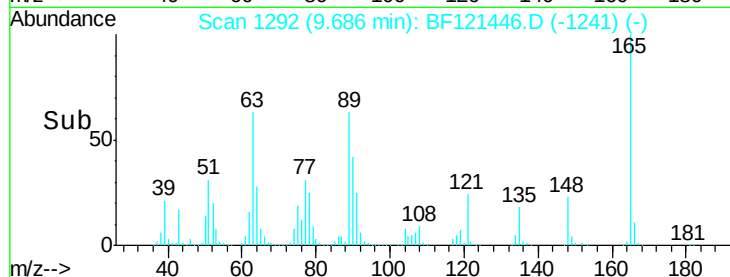
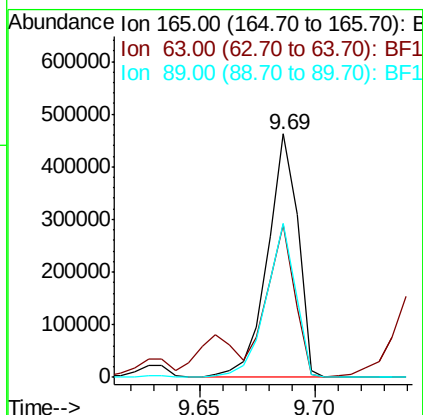
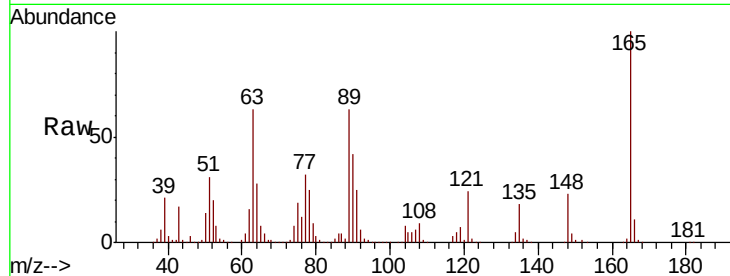
#51
 2,6-Dinitrotoluene
 Concen: 50.474 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		422102		
63	62.9	43.6	65.4		
89	63.3	47.4	71.2		

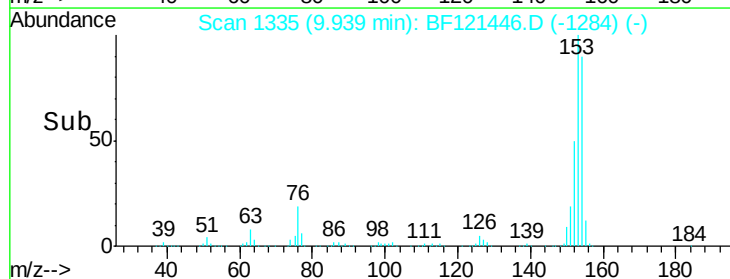
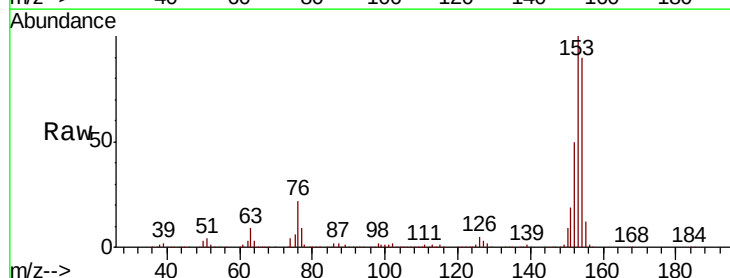
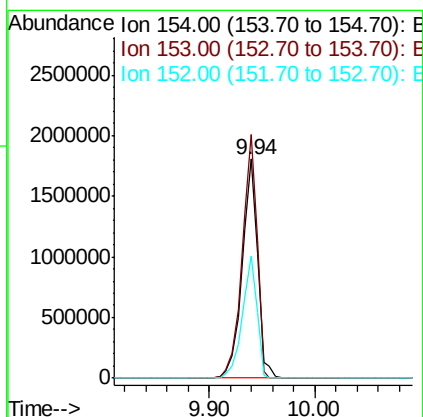
Manual Integrations
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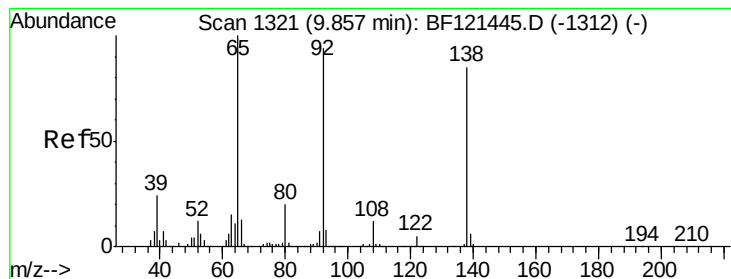
mohammad
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#52
 Acenaphthene
 Concen: 45.471 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		1787698		
153	111.2	88.9	133.3		
152	55.5	44.1	66.1		





#53

3-Nitroaniline

Concen: 51.120 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

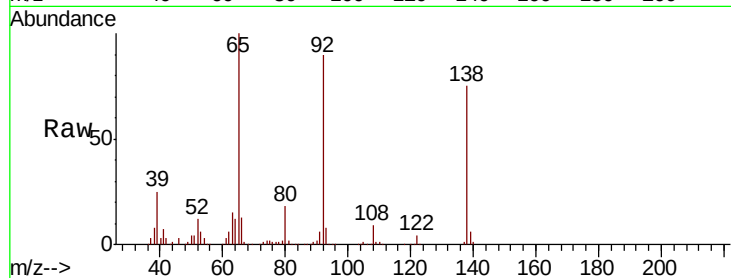
ClientSampleId :

SSTDICC050

Tot Ion:	138	Resp:	539781
Ion	Ratio	Lower	Upper
138	100		
108	12.4	11.6	17.4
92	118.9	88.6	132.8

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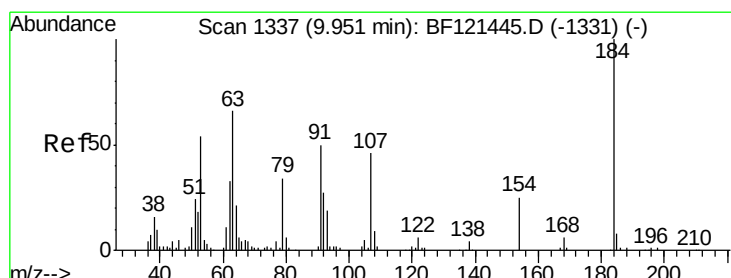
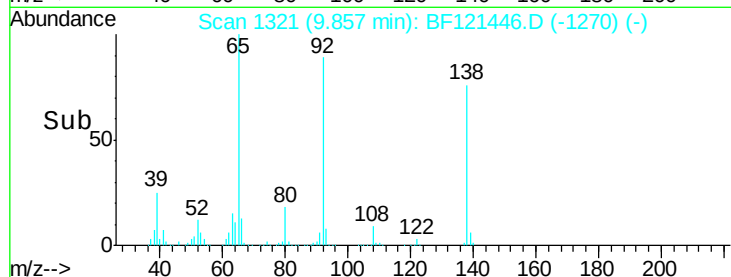
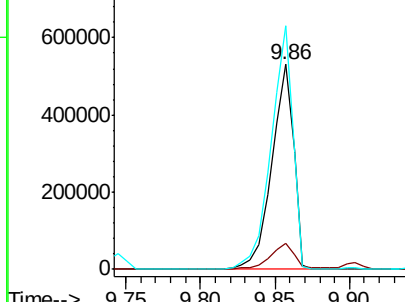
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 50.424 ng

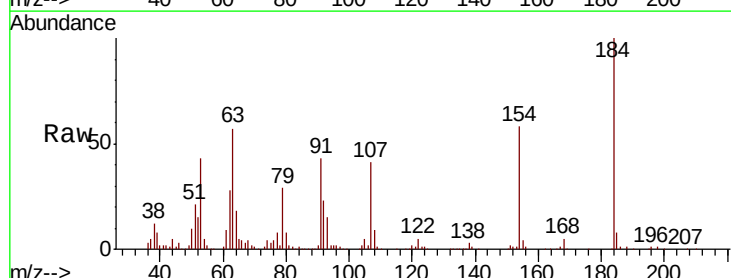
RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

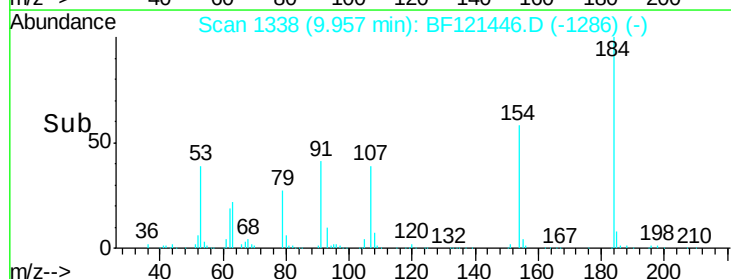
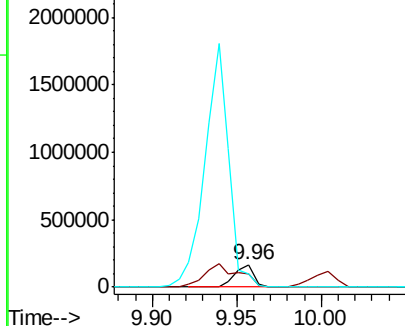
Tgt Ion:	184	Resp:	134719
Ion	Ratio	Lower	Upper
184	100		
63	56.9	56.8	85.2
154	58.4	55.9	83.9

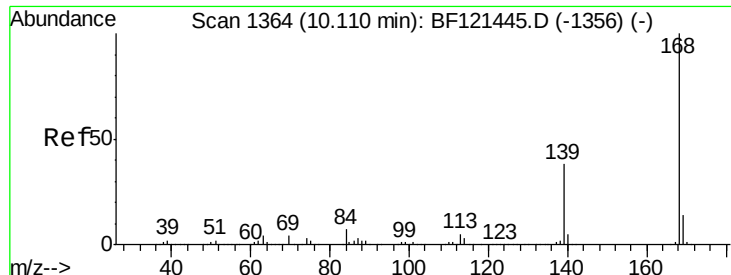


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





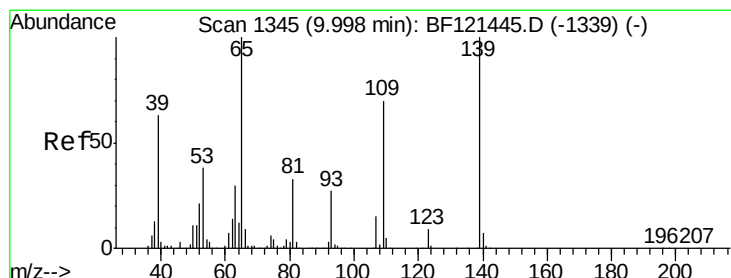
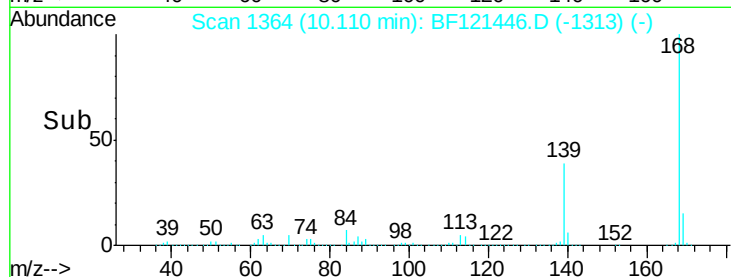
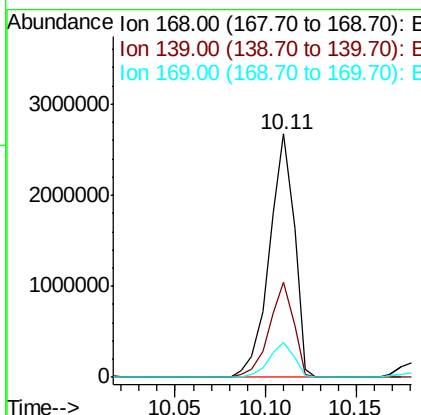
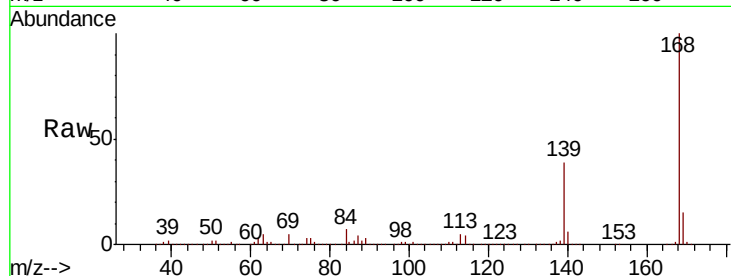
#55
Dibenzenofuran
Concen: 45.163 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	14.6	11.2	16.8

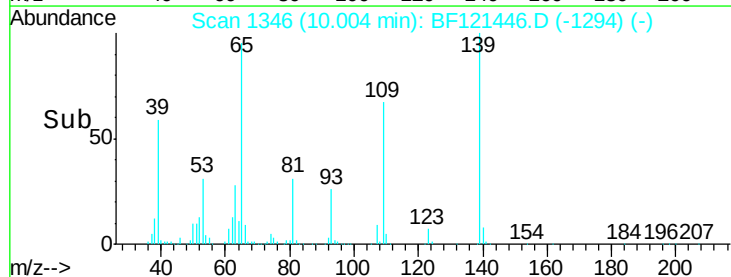
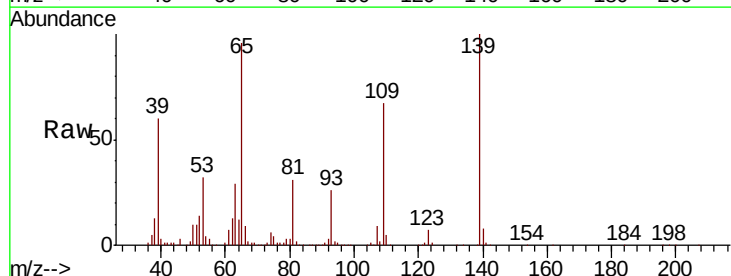
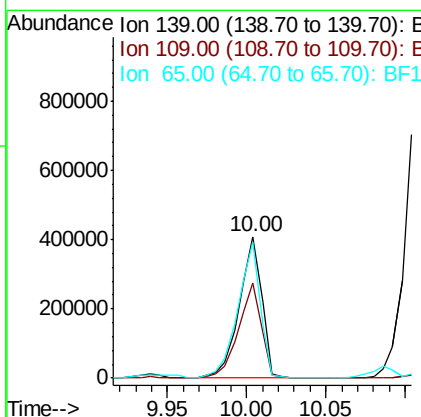
Manual Integrations
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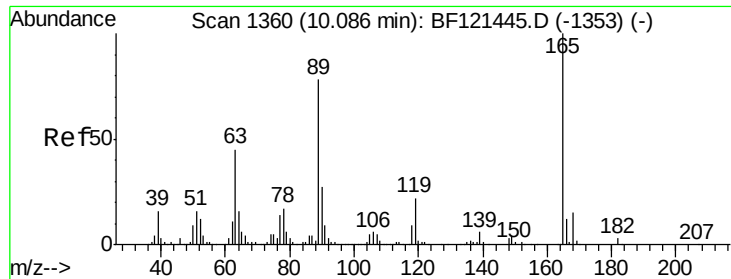
mohammad
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#56
4-Nitrophenol
Concen: 51.869 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	50.5	90.5
65	95.8	80.2	120.2





#57

2,4-Dinitrotoluene

Concen: 51.808 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

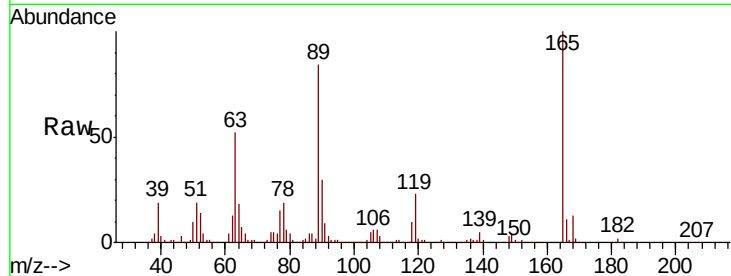
ClientSampleId :

SSTDIC050

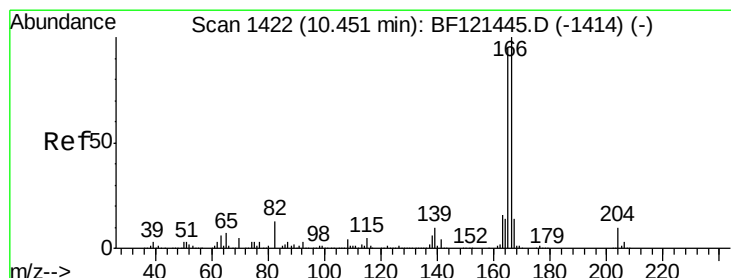
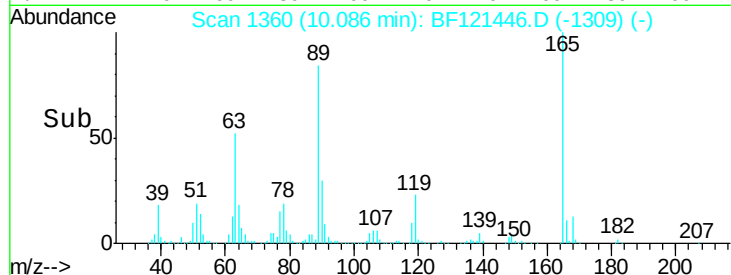
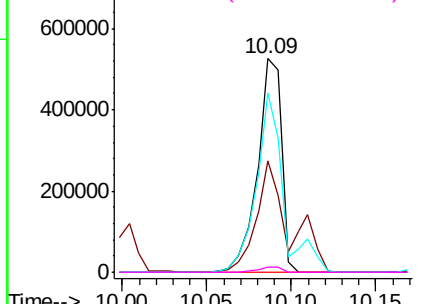
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.9	36.0	54.0
89	83.7	62.6	93.8
182	2.5	2.2	3.2

Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E



#58

Fluorene

Concen: 42.974 ng

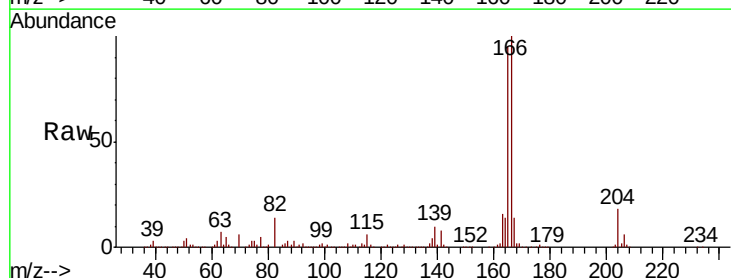
RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

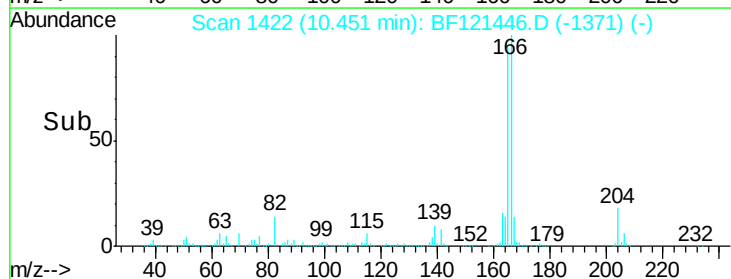
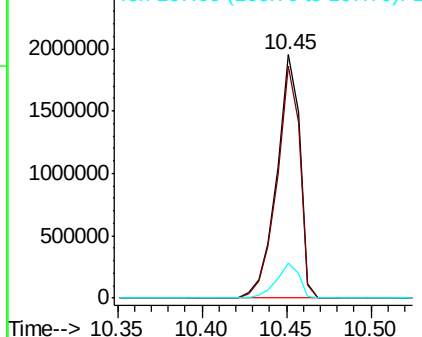
Lab File: BF121446.D

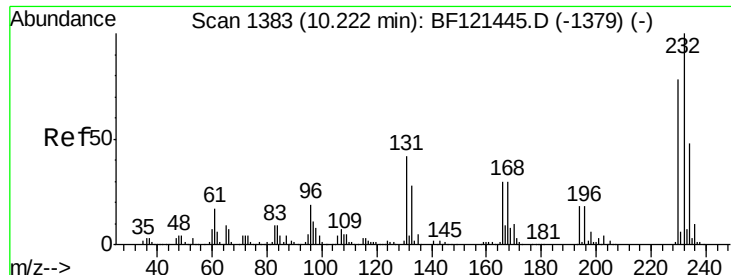
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	75.7	113.5
167	14.2	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E





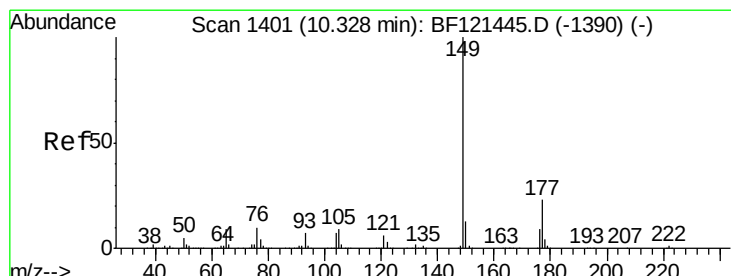
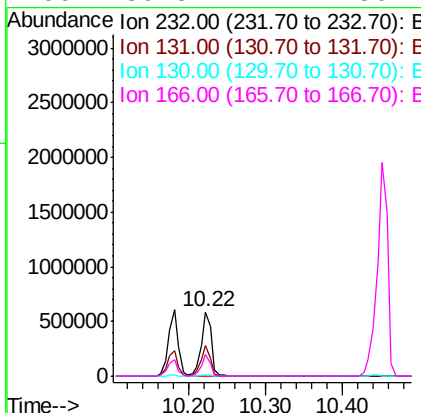
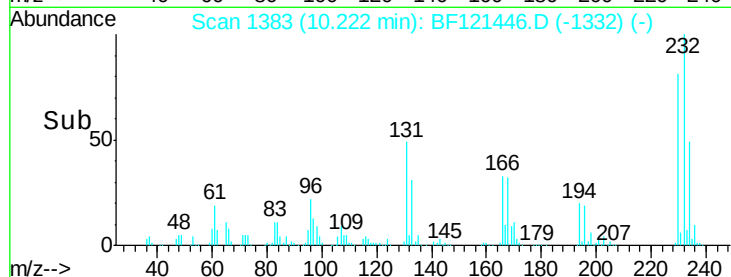
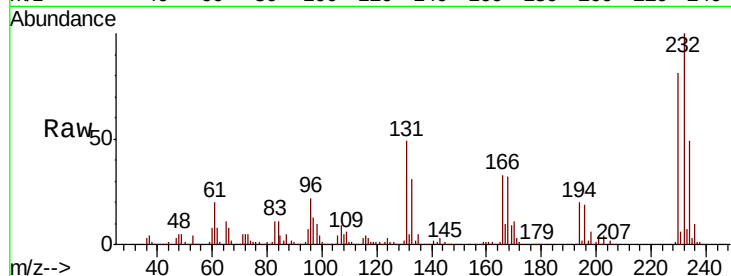
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.414 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	35.7	53.5
130	2.2	1.8	2.6
166	30.3	24.1	36.1

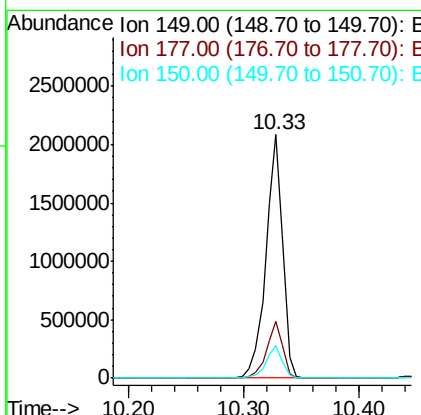
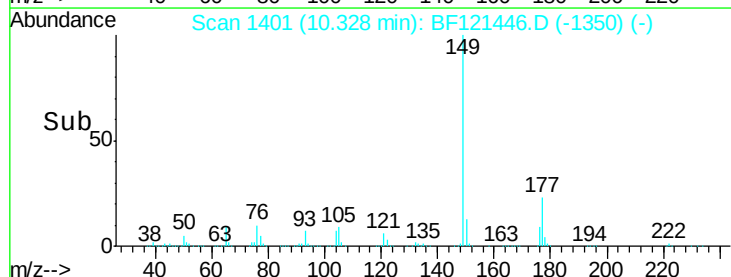
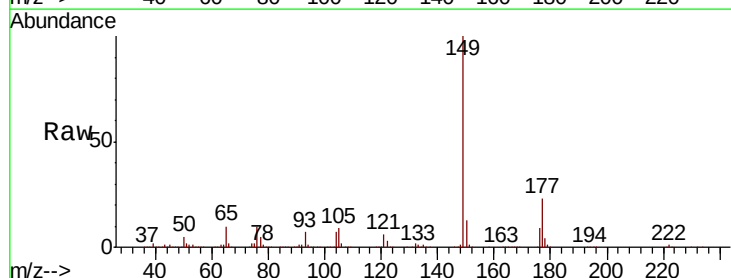
Manual Integrations
 APPROVED

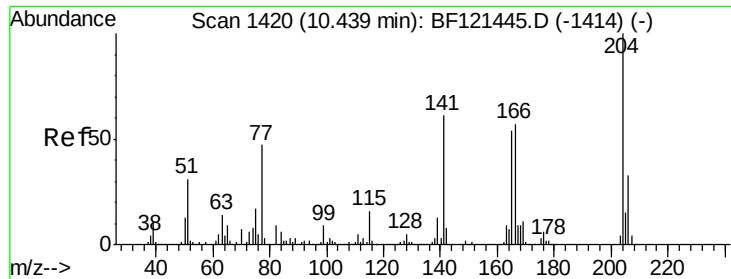
mohammad
 8/28/2020 1:33:29 PM



#60
 Diethylphthalate
 Concen: 43.957 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	13.3	10.4	15.6





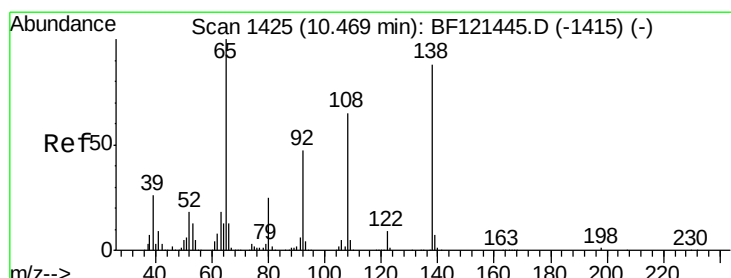
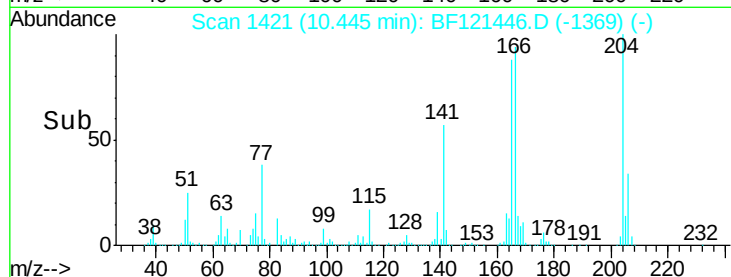
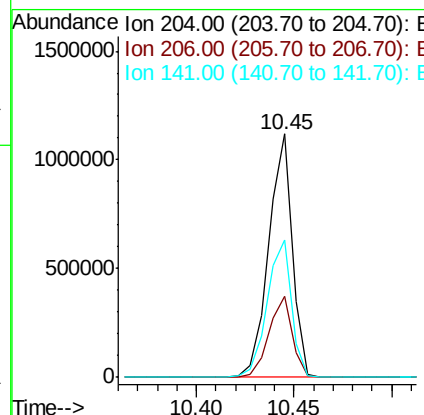
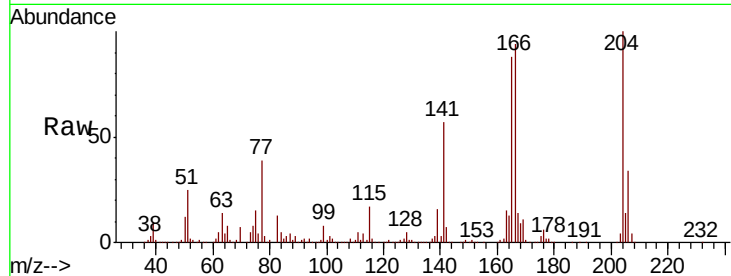
#61
4-Chlorophenyl-phenylether
Concen: 43.279 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.3	39.5
141	56.6	48.7	73.1

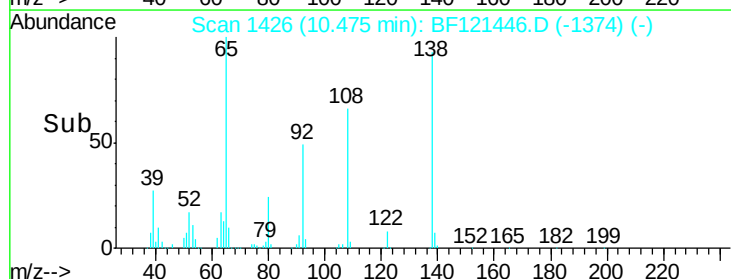
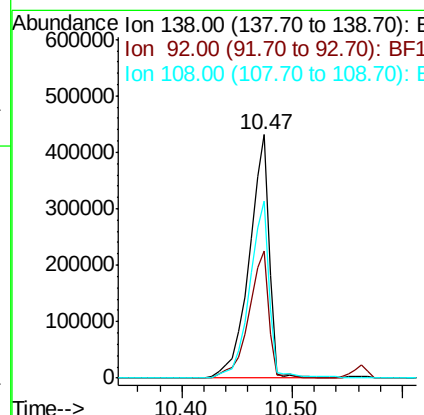
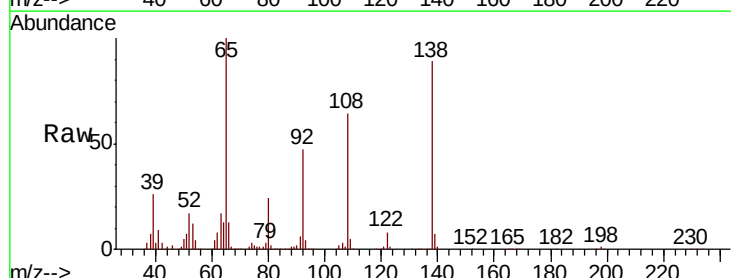
Manual Integrations
APPROVED

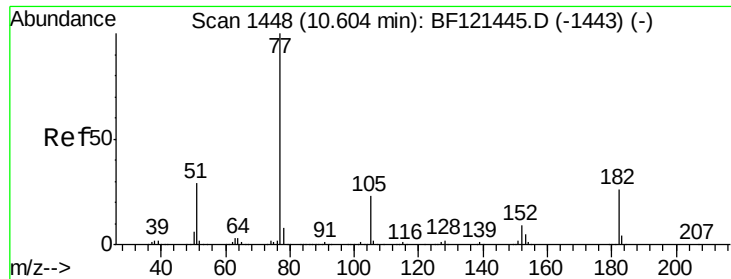
mohammad
8/28/2020 1:33:29 PM



#62
4-Nitroaniline
Concen: 51.038 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	33.2	73.2
108	72.7	53.6	93.6





#63

Azobenzene

Concen: 44.048 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 2057407

Ion Ratio Lower Upper

77 100

182 25.5 6.2 46.2

105 23.1 3.3 43.3

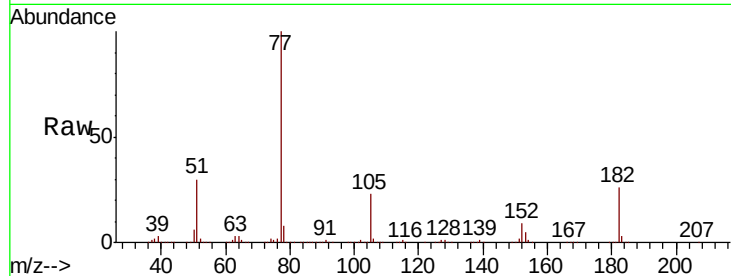
51 29.8 9.5 49.5

Manual Integrations

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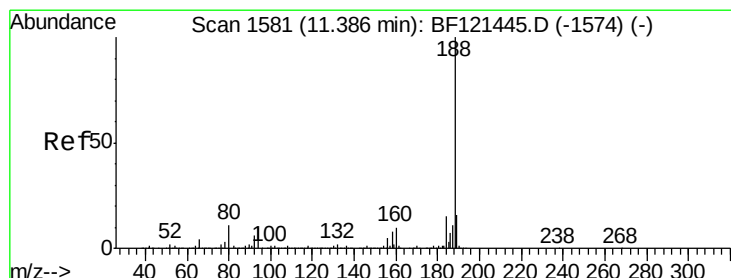
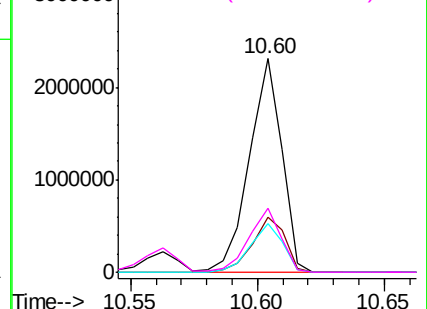
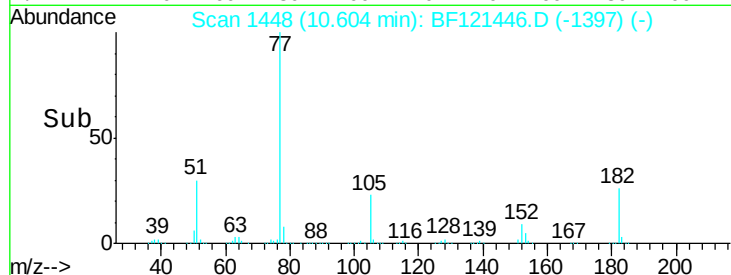


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

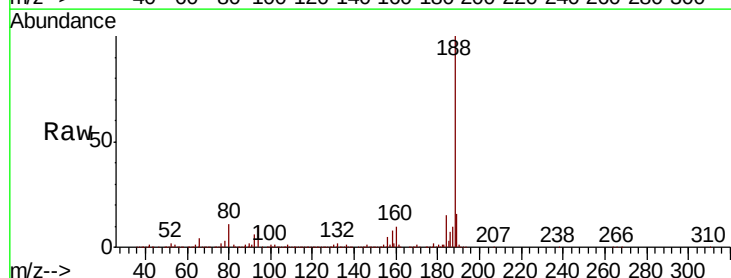
Tgt Ion: 188 Resp: 1222917

Ion Ratio Lower Upper

188 100

94 10.3 8.3 12.5

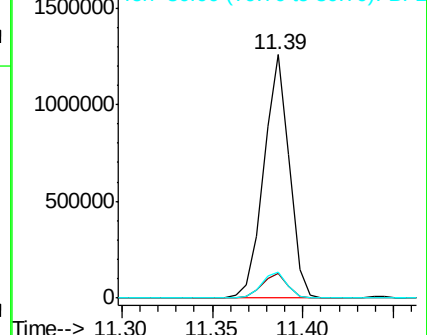
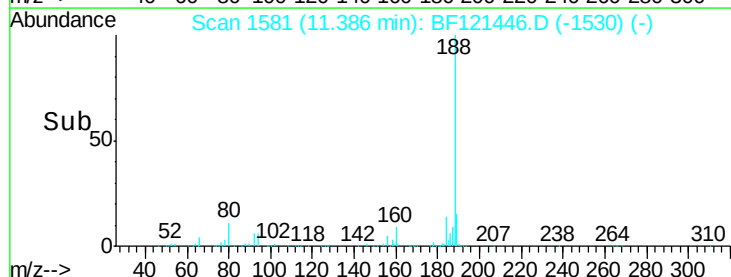
80 10.9 8.6 13.0

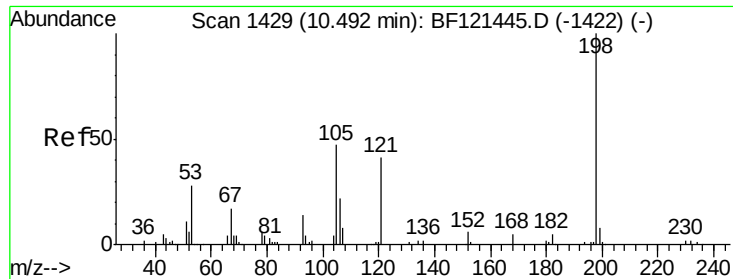


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 51.607 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:198 Resp: 184650

Ion Ratio Lower Upper

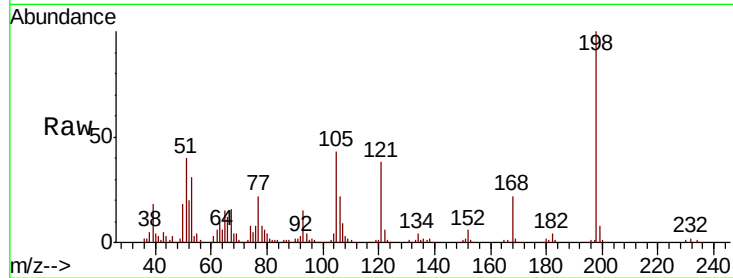
198 100

51 40.5 29.0 69.0

105 42.8 29.1 69.1

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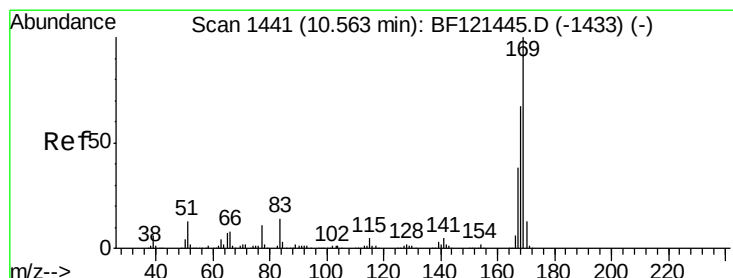
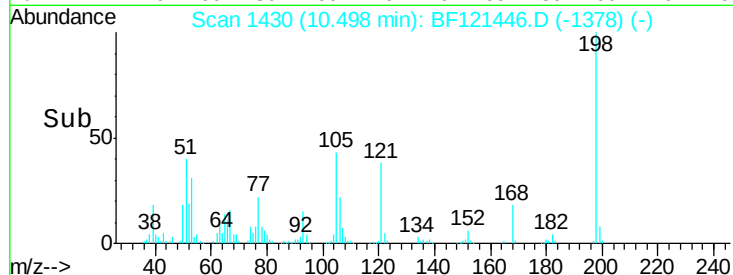
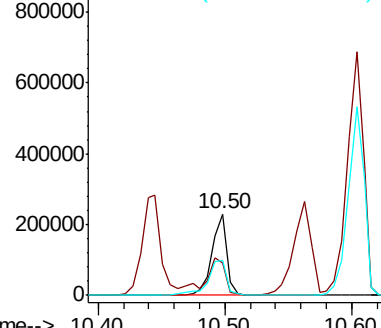
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.036 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

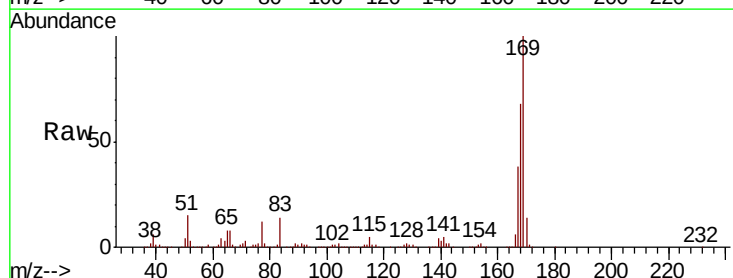
Tgt Ion:169 Resp: 1776617

Ion Ratio Lower Upper

169 100

168 68.4 54.0 81.0

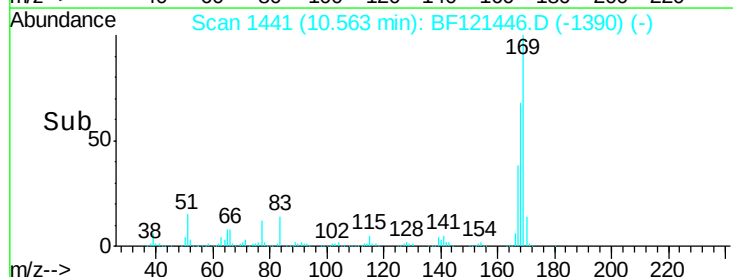
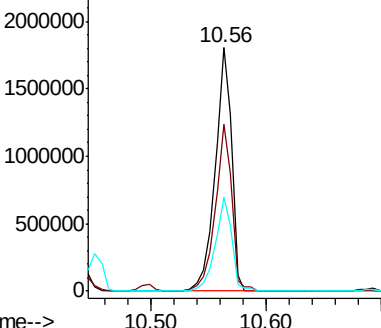
167 38.3 30.2 45.2

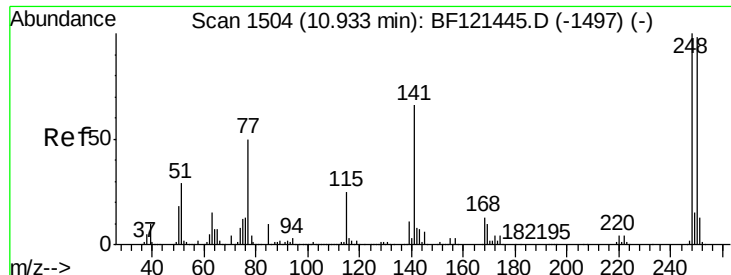


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





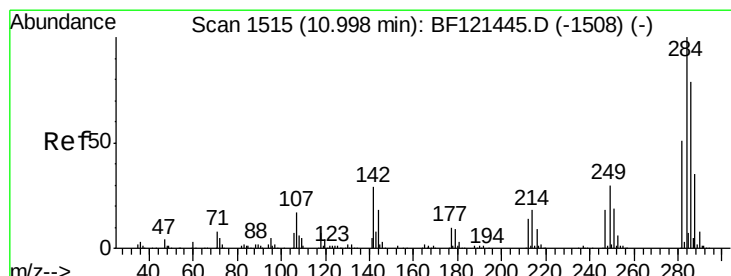
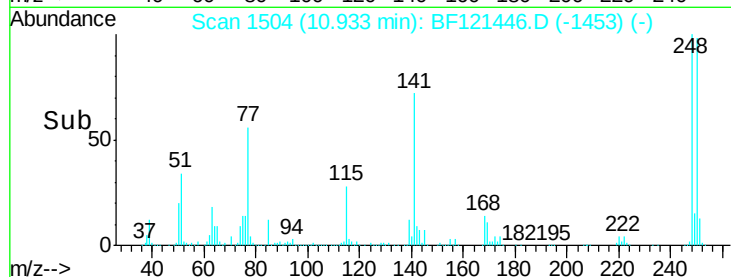
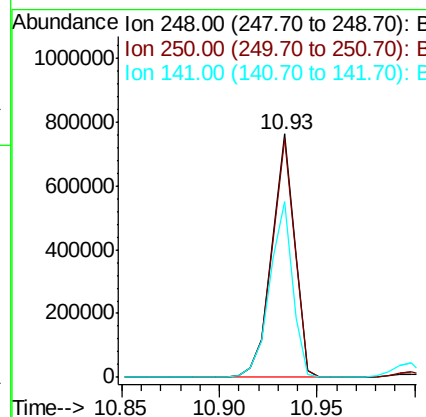
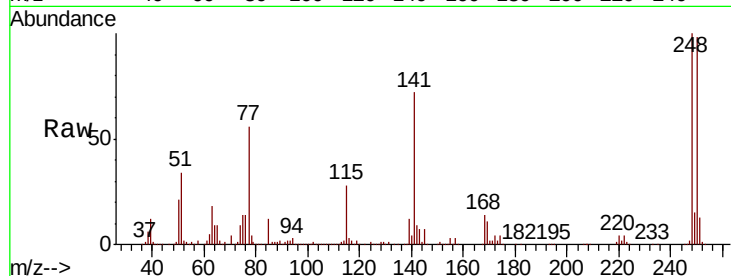
#67
4-Bromophenyl-phenylether
Concen: 46.250 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.7	118.1
141	72.4	52.6	78.8

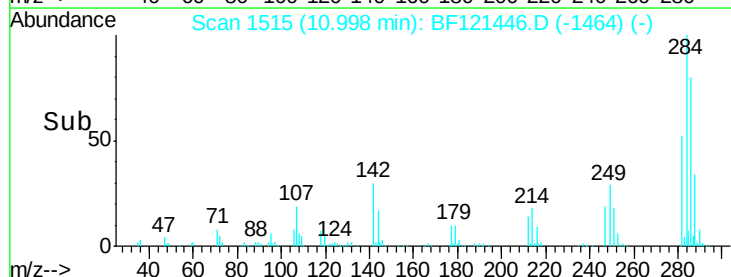
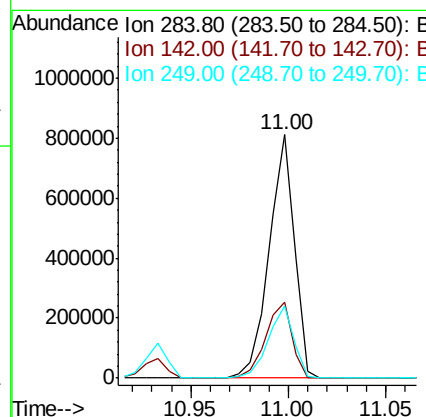
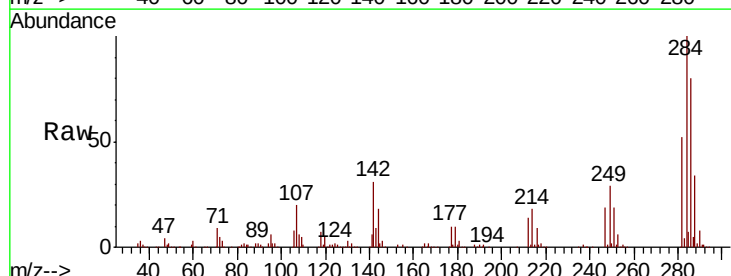
Manual Integrations
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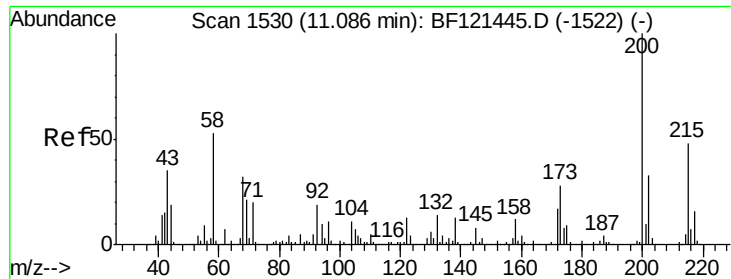
mohammad
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#68
Hexachlorobenzene
Concen: 46.091 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	23.4	35.0
249	29.4	23.8	35.6





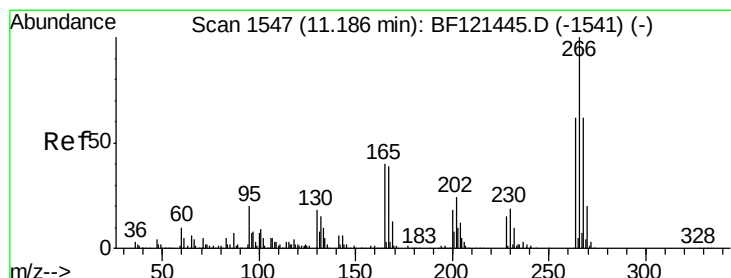
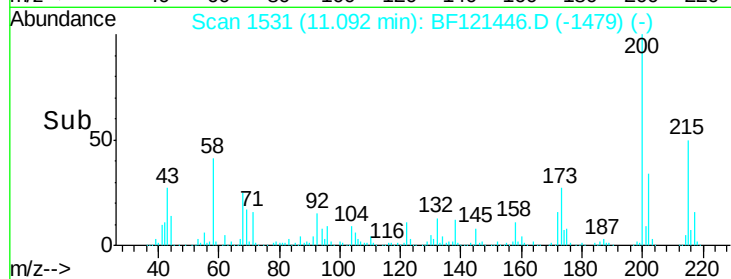
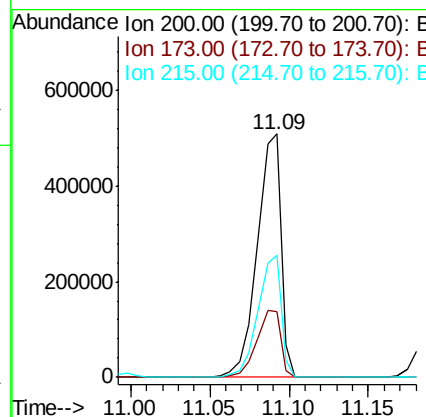
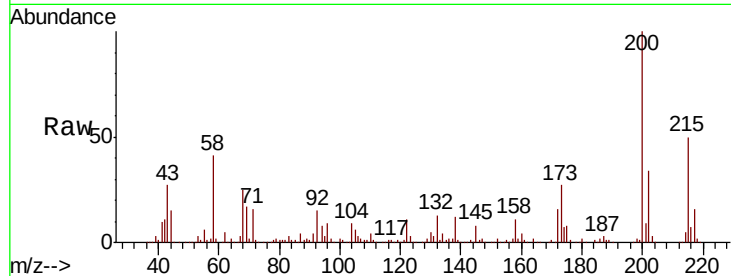
#69
Atrazine
Concen: 44.695 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.9	8.1	48.1
215	50.0	28.5	68.5

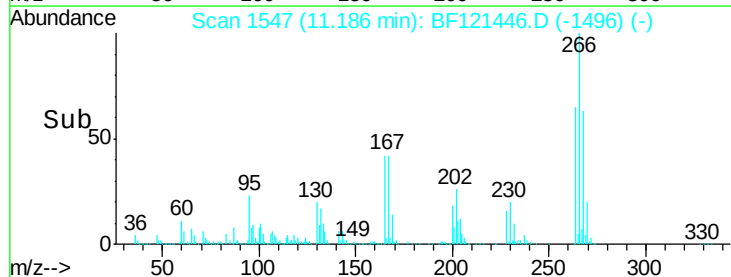
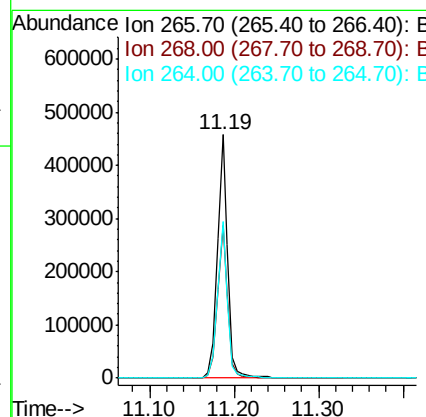
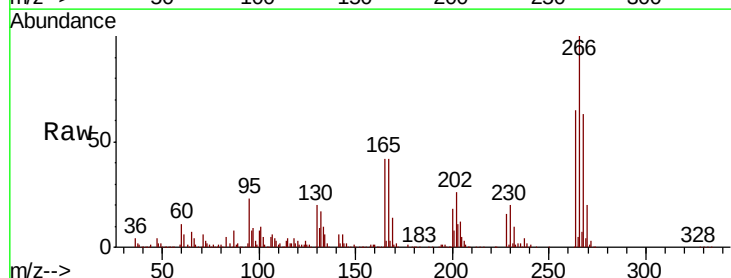
Manual Integrations
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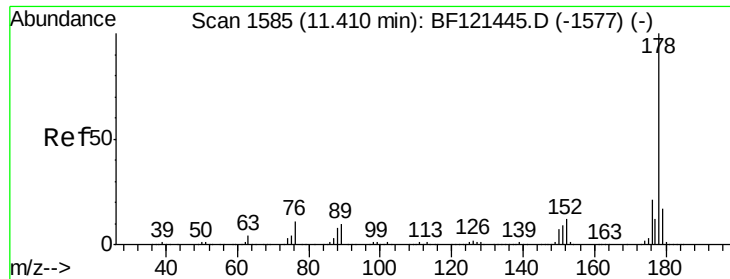
mohammad
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#70
Pentachlorophenol
Concen: 51.117 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.6	49.7	74.5
264	64.5	49.4	74.0





#71

Phenanthrene

Concen: 43.825 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:178 Resp: 2738808

Ion Ratio Lower Upper

178 100

176 21.6 16.9 25.3

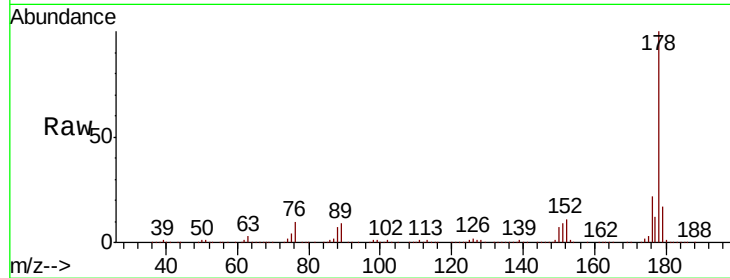
179 16.5 13.4 20.0

Manual Integrations

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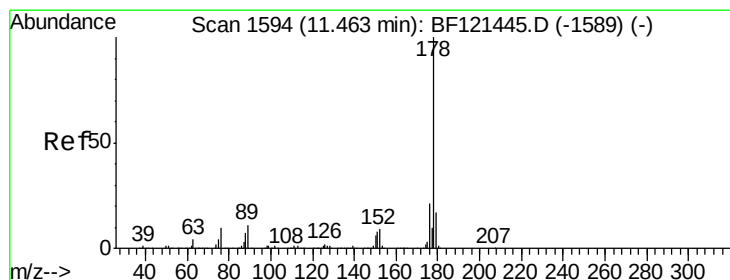
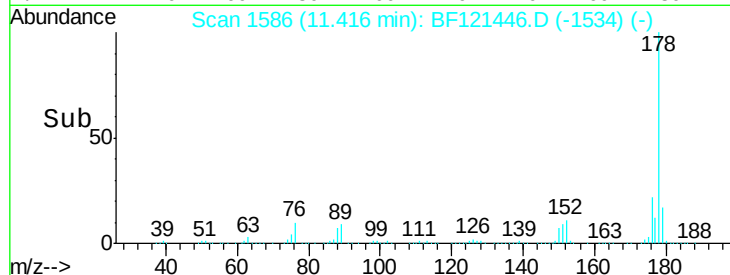
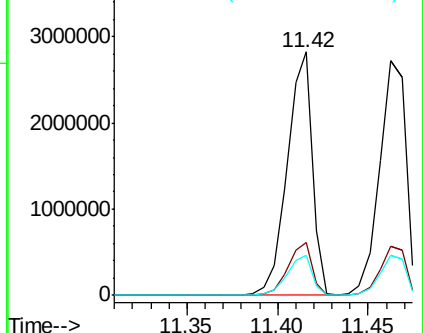
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.656 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

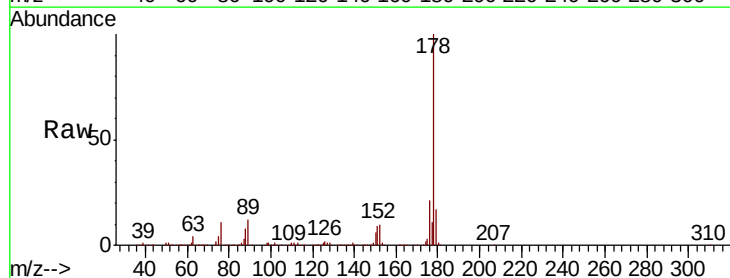
Tgt Ion:178 Resp: 2755490

Ion Ratio Lower Upper

178 100

176 21.0 16.7 25.1

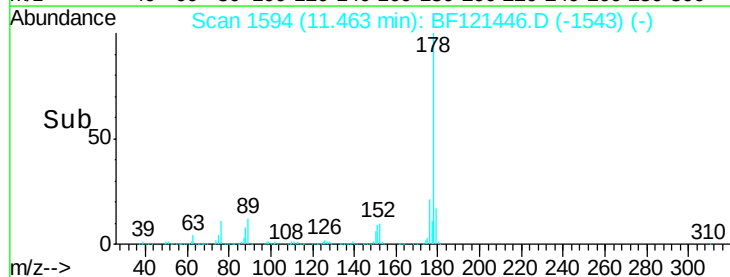
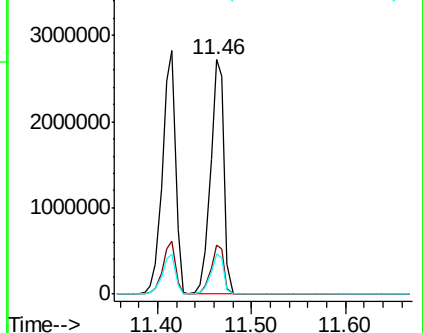
179 17.1 13.4 20.2

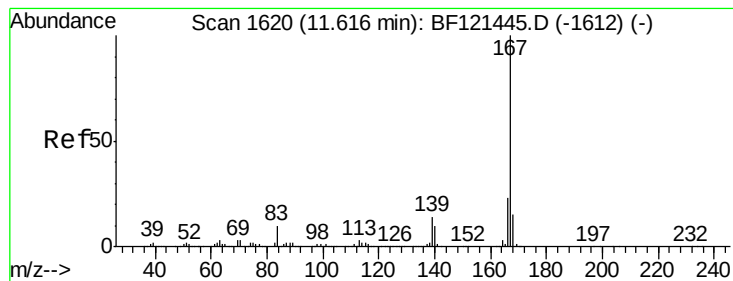


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.998 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:167 Resp: 2687284

Ion Ratio Lower Upper

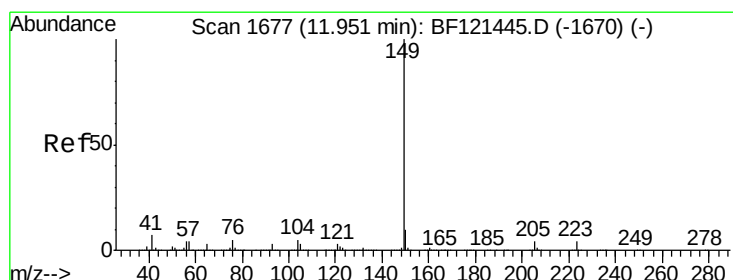
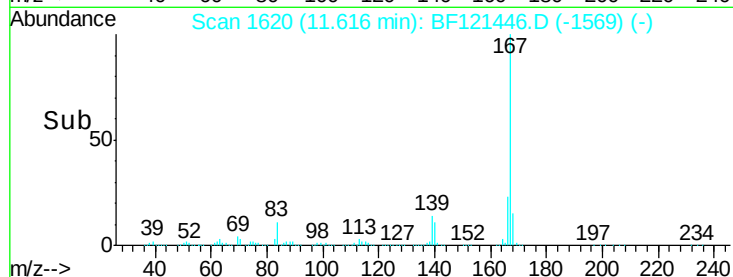
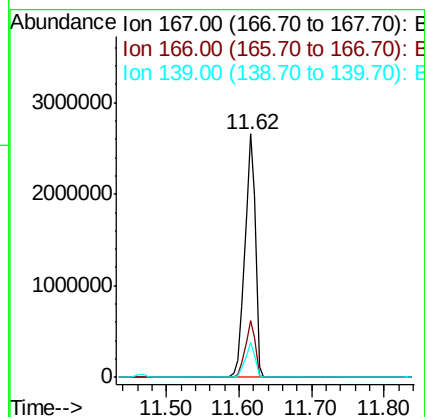
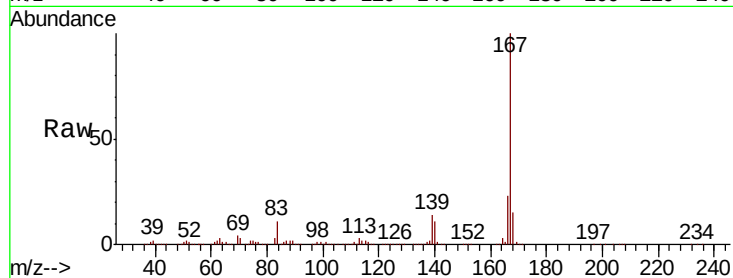
167 100

166 23.1 18.4 27.6

139 14.3 11.0 16.6

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 42.702 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

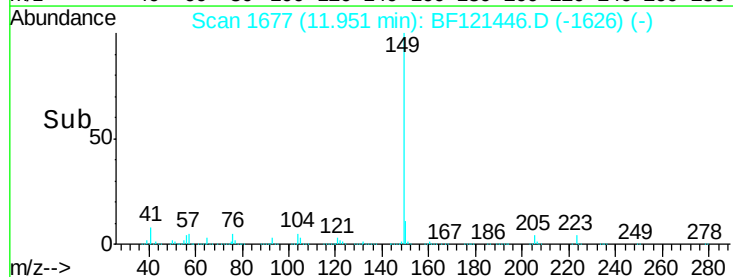
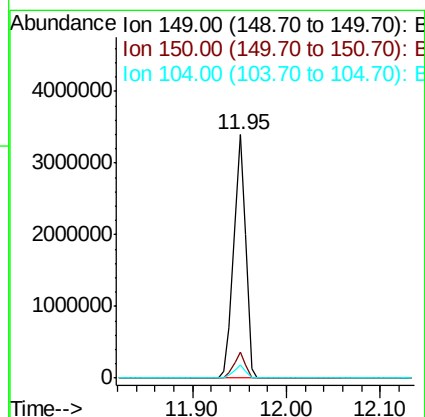
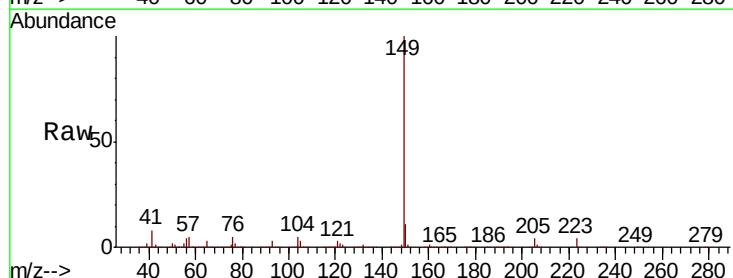
Tgt Ion:149 Resp: 3022467

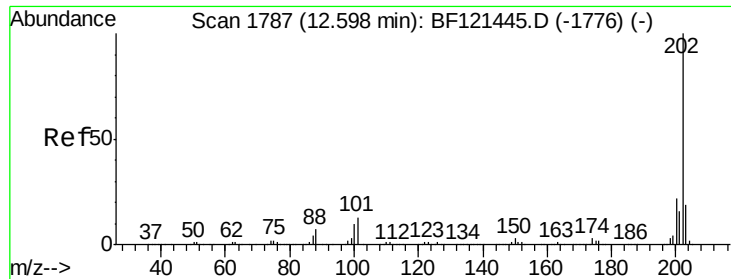
Ion Ratio Lower Upper

149 100

150 10.5 8.2 12.2

104 5.4 4.2 6.4





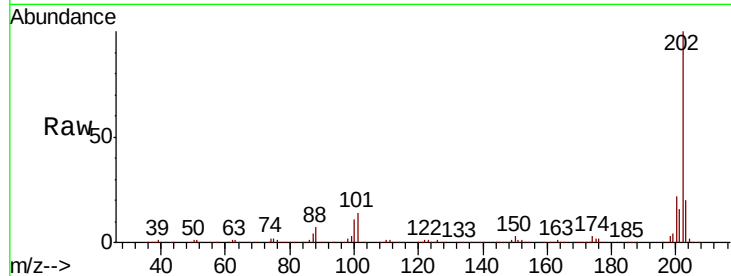
#75
 Fluoranthene
 Concen: 43.680 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

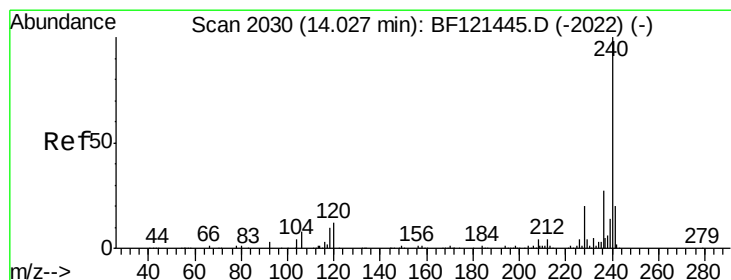
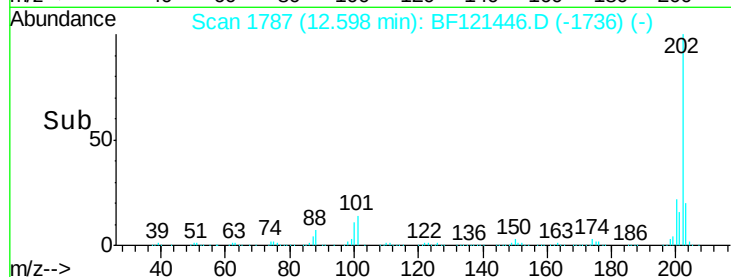
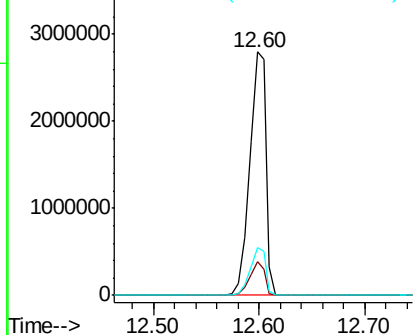
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.3
203	19.6	0.0	39.1

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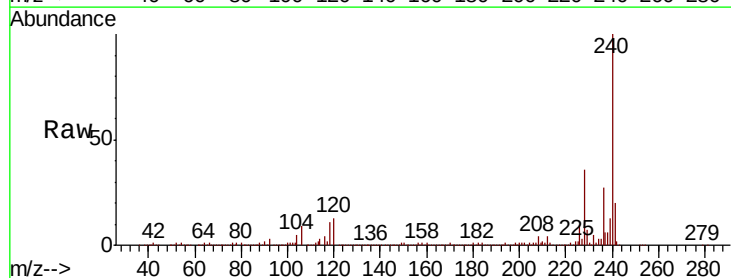


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

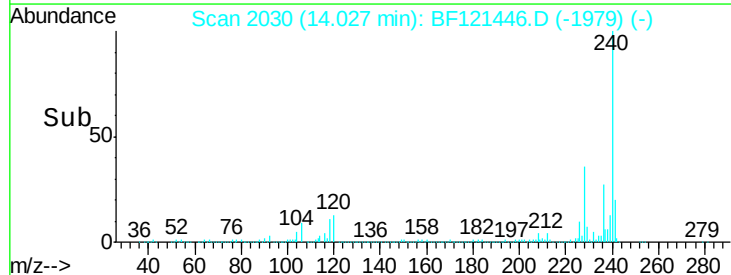
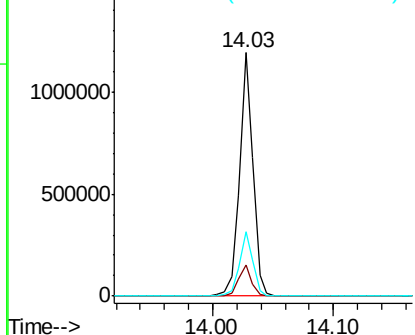


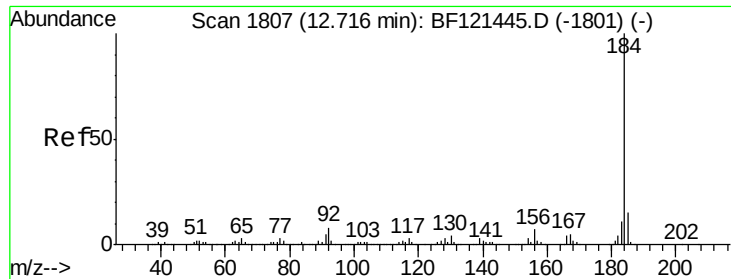
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.6	21.8	32.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.667 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

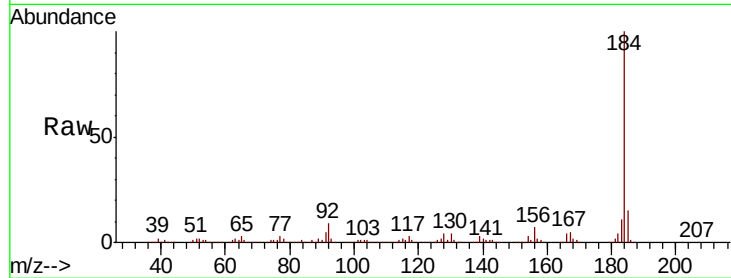
ClientSampleId :

SSTDICC050

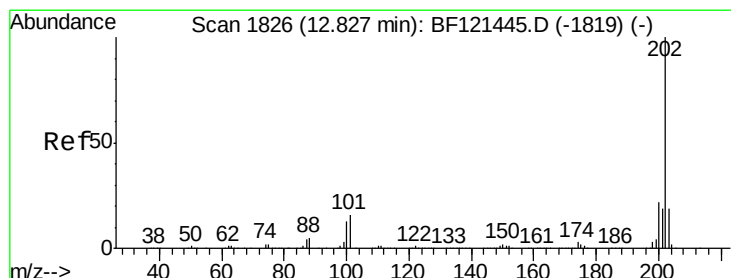
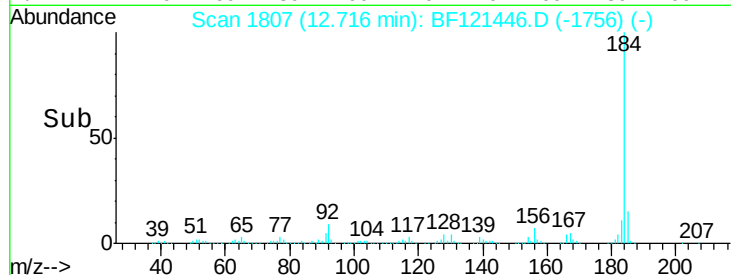
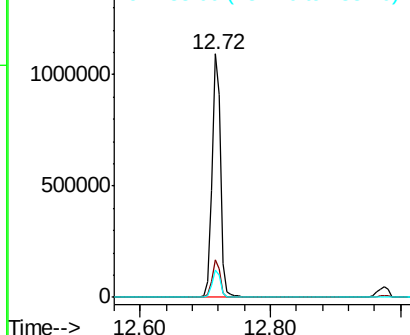
Tot Ion:	184	Resp:	990225
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.1	18.1
183	11.1	8.9	13.3

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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: 46.675 ng

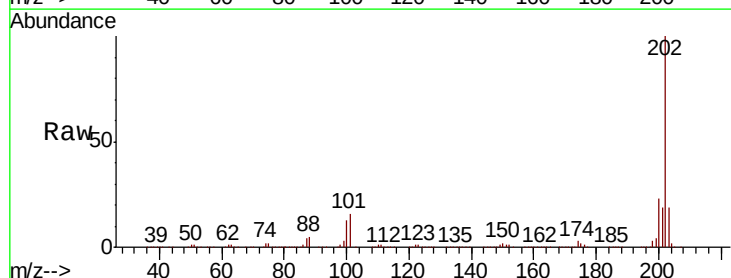
RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

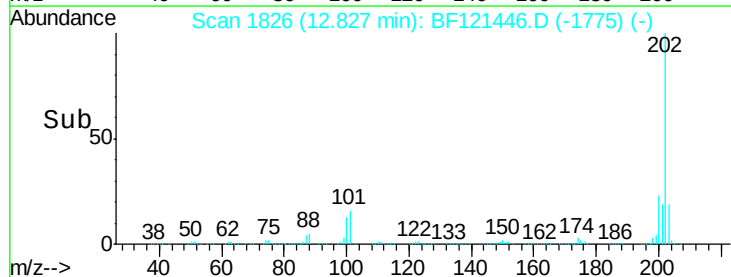
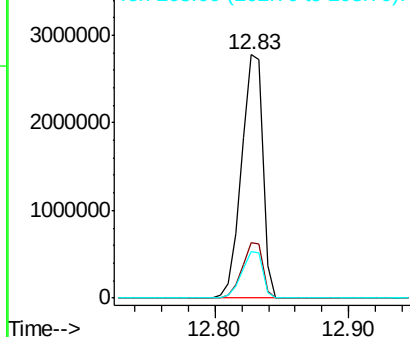
Lab File: BF121446.D

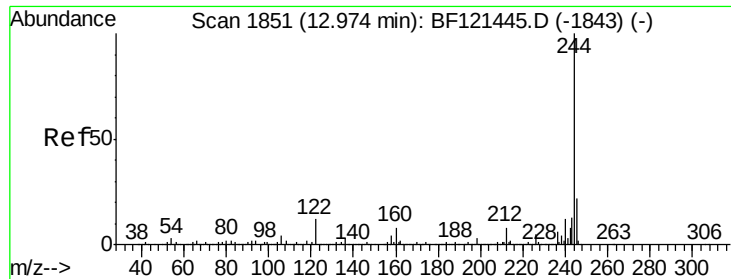
Acq: 27 Aug 2020 20:11

Tgt Ion:	202	Resp:	3050430
Ion Ratio	Lower	Upper	
202	100		
200	22.9	18.0	27.0
203	19.3	15.3	22.9



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





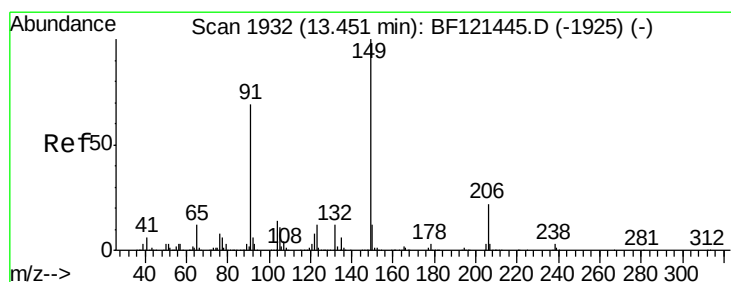
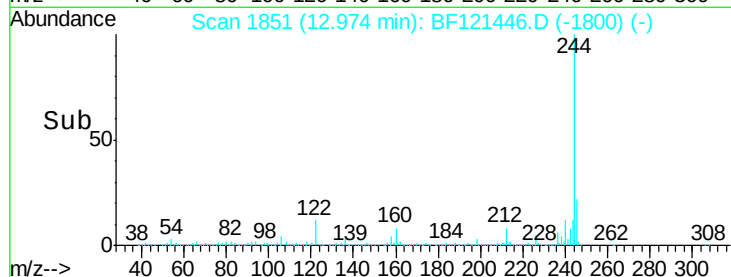
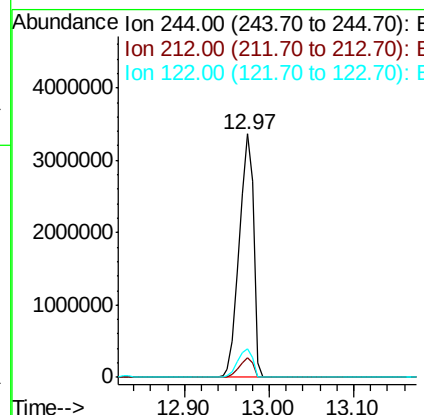
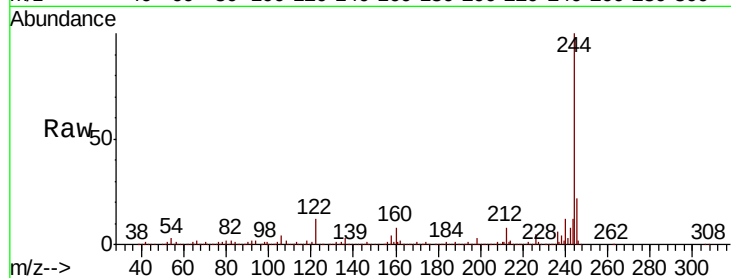
#79
 Terphenyl-d14
 Concen: 87.934 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:244 Resp: 3855793
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 11.9 9.5 14.3

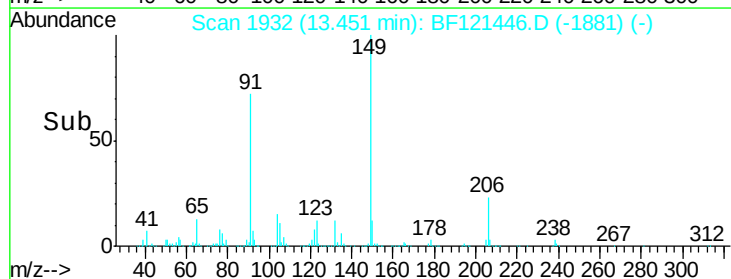
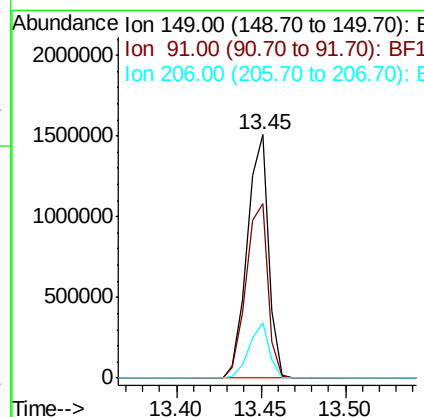
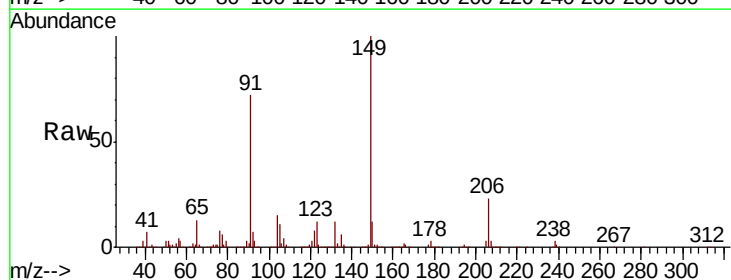
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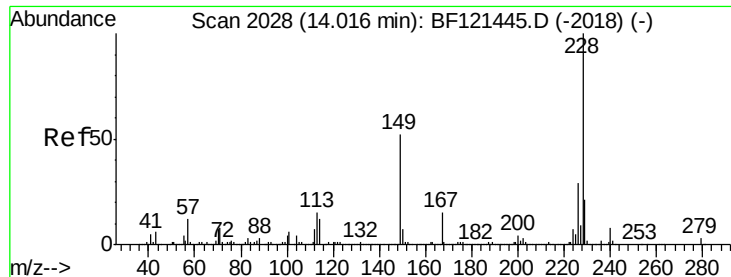
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#80
 Butylbenzylphthalate
 Concen: 48.786 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Tgt Ion:149 Resp: 1327051
 Ion Ratio Lower Upper
 149 100
 91 71.8 55.0 82.4
 206 22.6 17.8 26.6





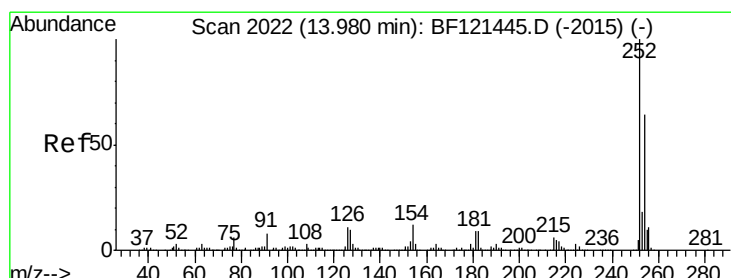
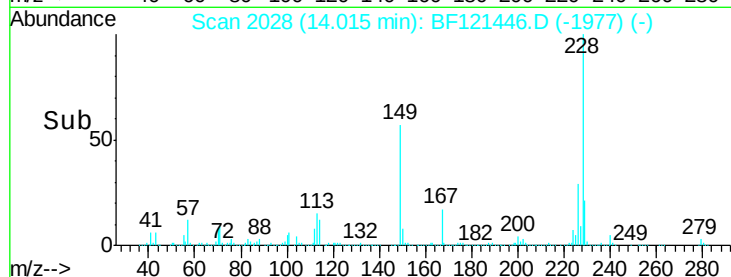
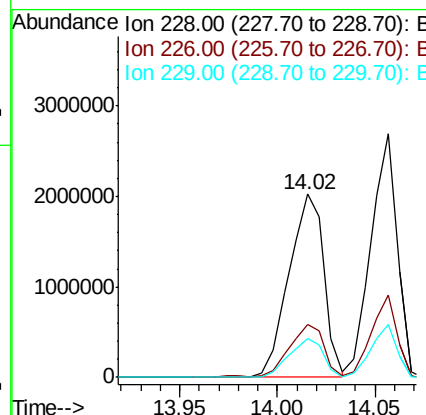
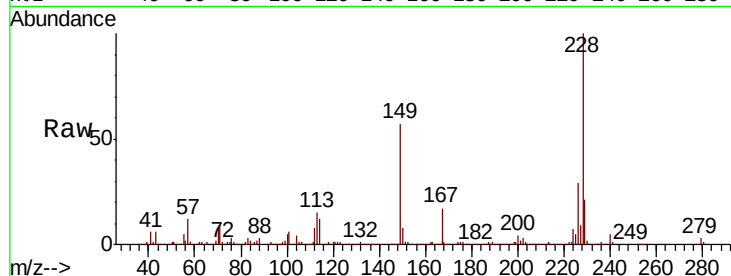
#81
Benzo(a)anthracene
Concen: 44.376 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.4
229	21.0	16.6	24.8

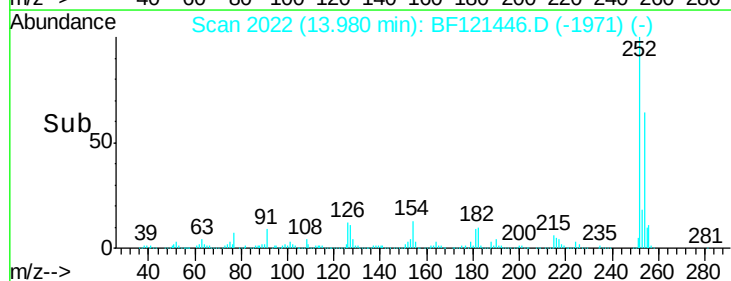
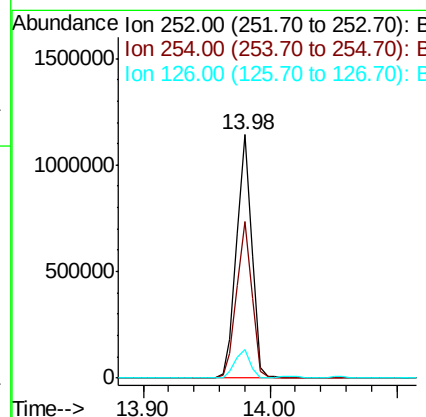
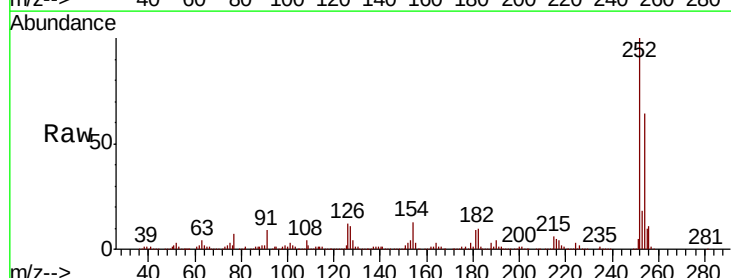
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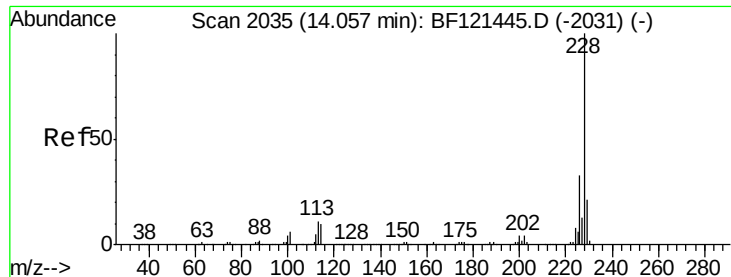
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#82
3,3'-Dichlorobenzidine
Concen: 45.367 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	11.6	8.5	12.7





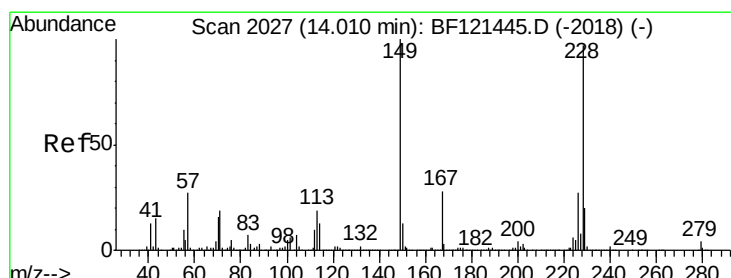
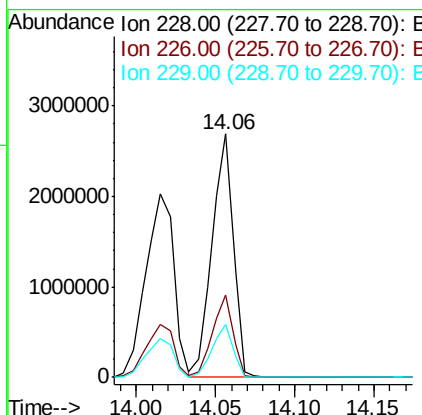
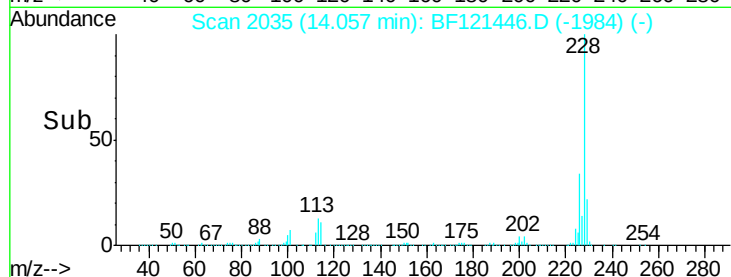
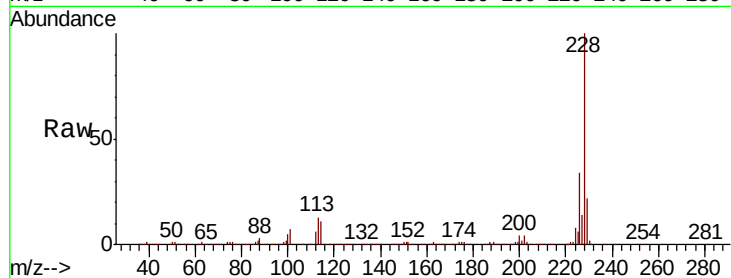
#83
 Chrysene
 Concen: 45.141 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.2	39.2
229	21.7	16.6	25.0

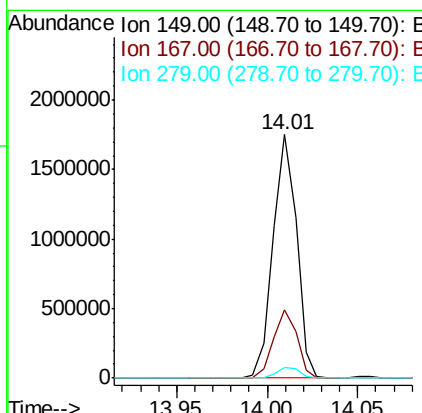
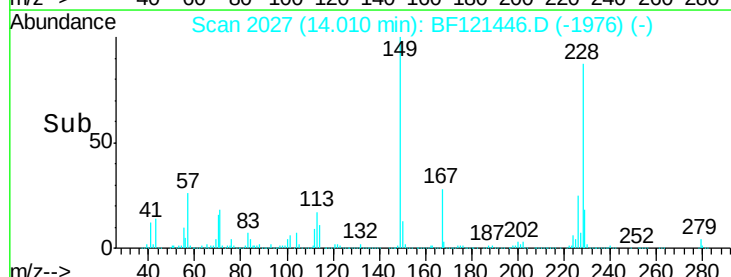
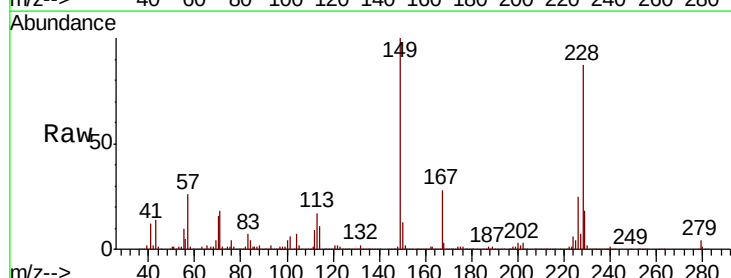
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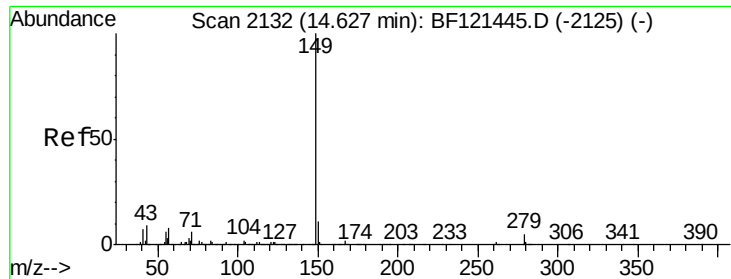
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.051 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	34.0
279	4.4	3.3	4.9





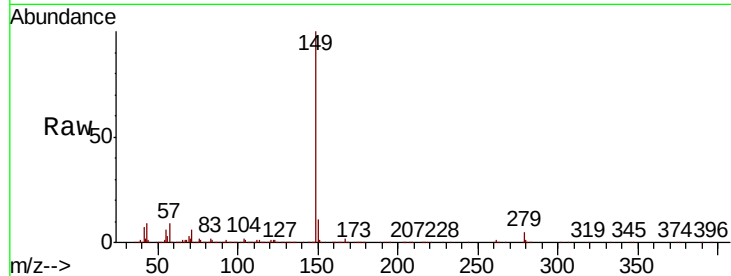
#85
Di-n-octyl phthalate
Concen: 45.688 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

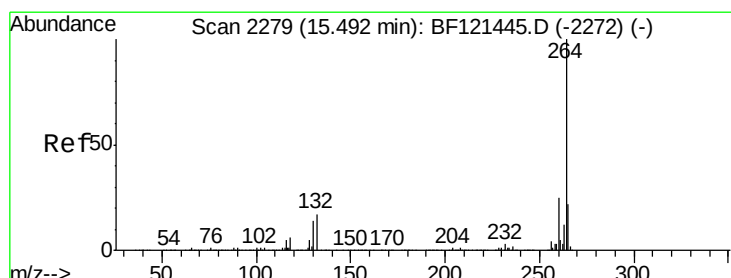
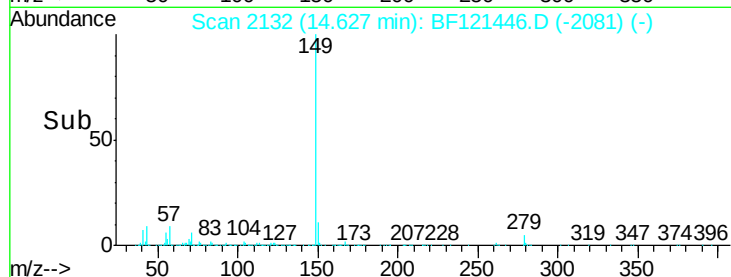
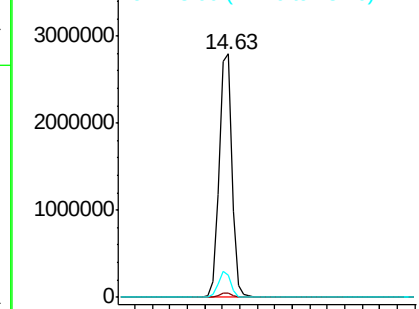
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.3	8.3	12.5

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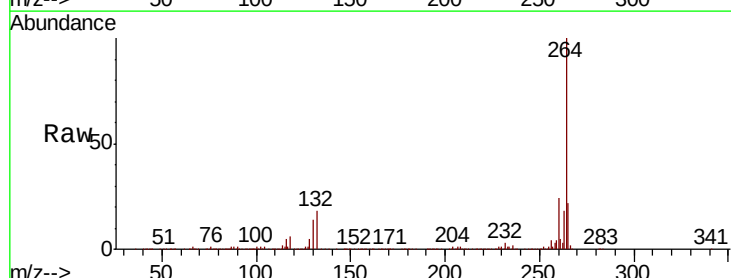


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

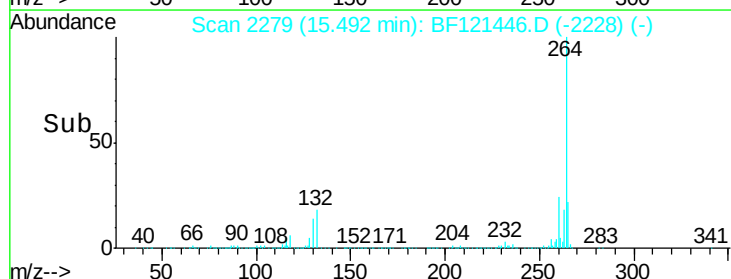
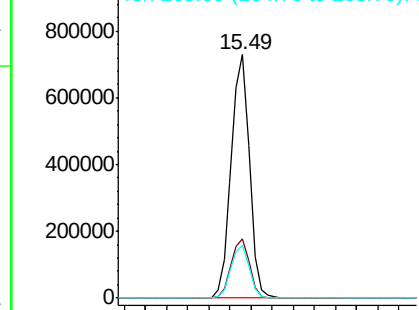


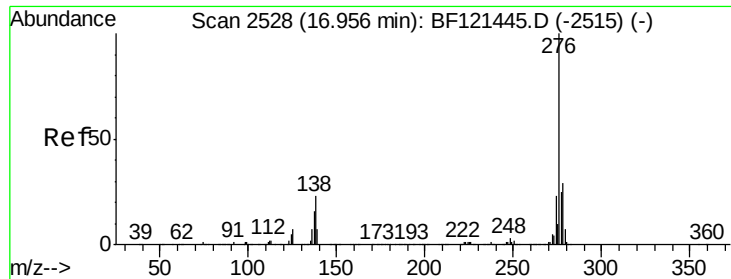
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.7	17.8	26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





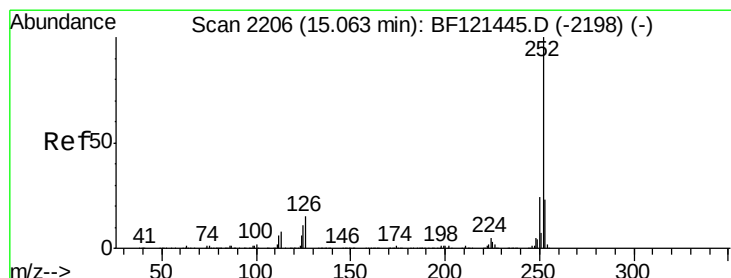
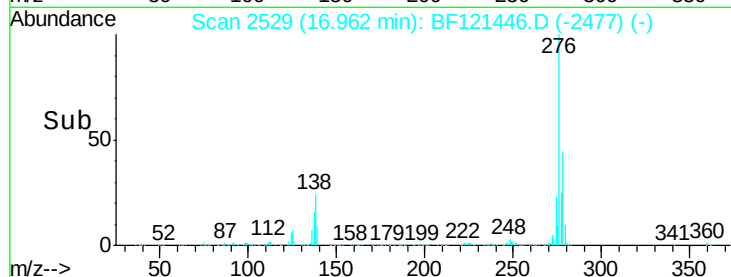
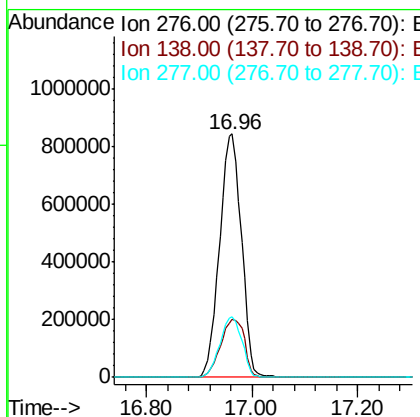
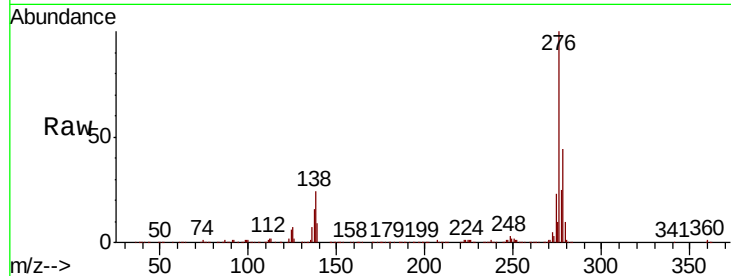
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.257 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.6	31.0
277	25.3	20.5	30.7

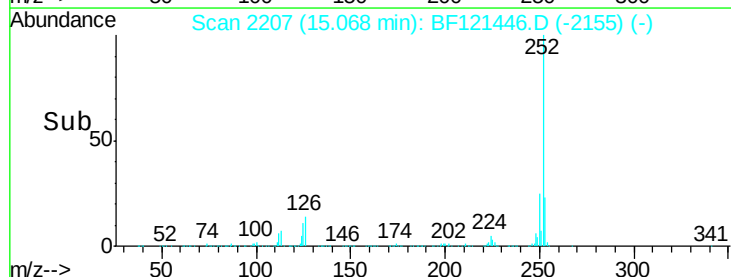
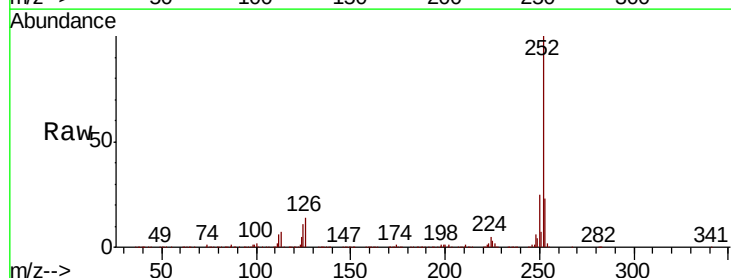
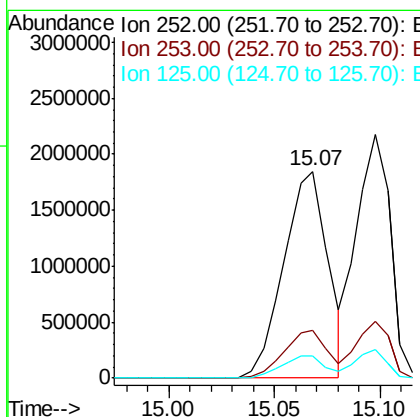
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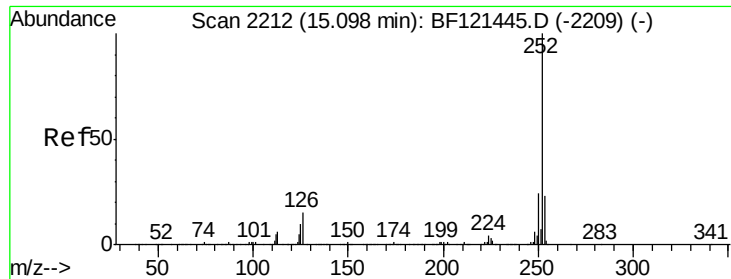
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#88
 Benzo(b)fluoranthene
 Concen: 47.026 ng
 RT: 15.07 min Scan# 2207
 Delta R.T. 0.01 min
 Lab File: BF121446.D
 Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	10.6	9.2	13.8





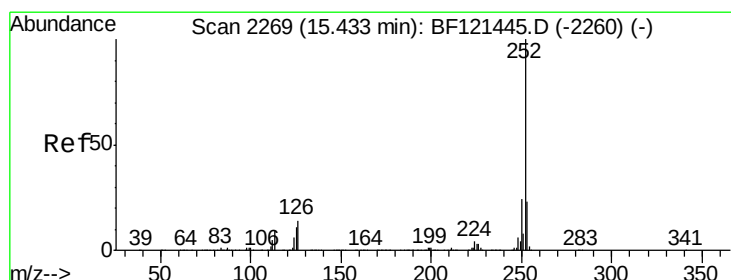
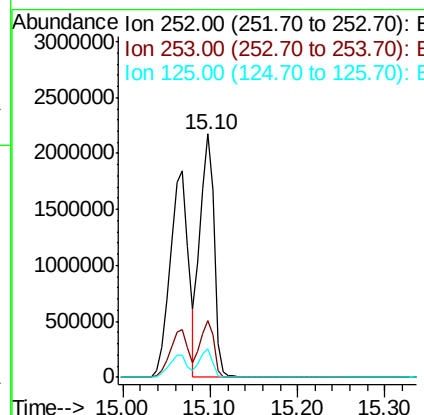
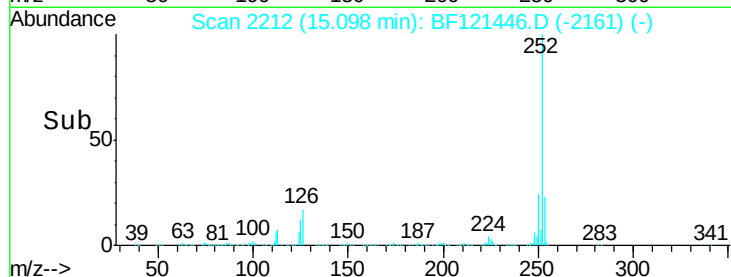
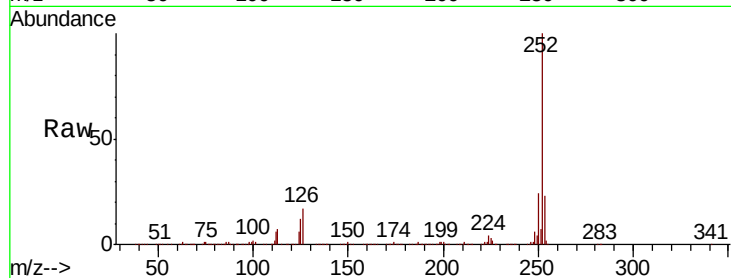
#89
Benzo(k)fluoranthene
Concen: 47.377 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	11.6	8.5	12.7

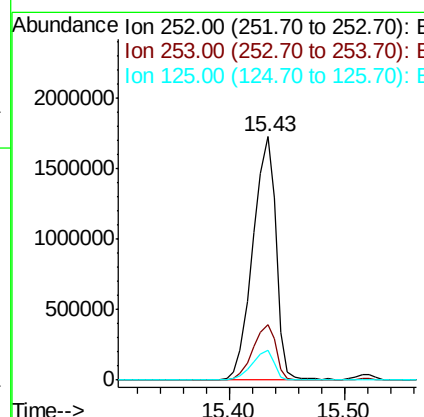
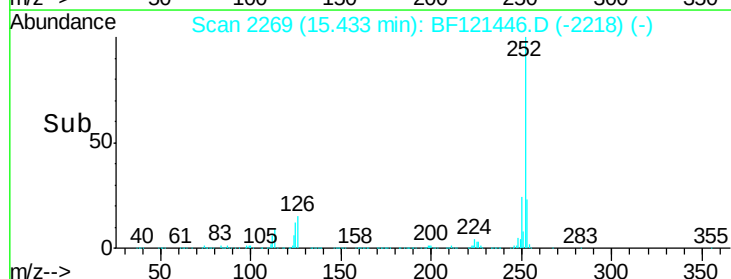
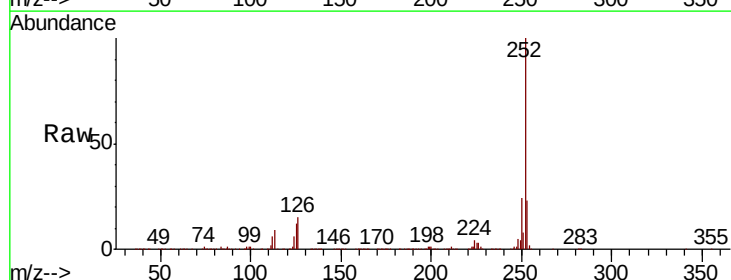
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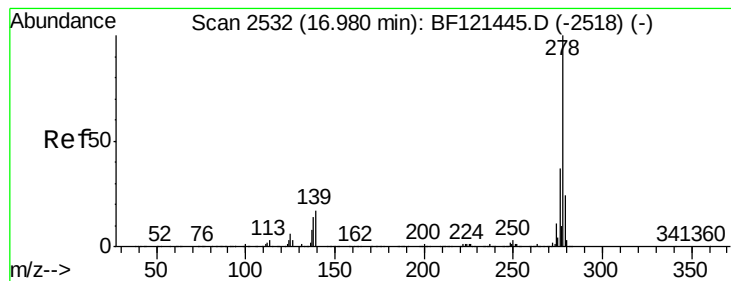
mohammad
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#90
Benzo(a)pyrene
Concen: 47.607 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF121446.D
Acq: 27 Aug 2020 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.1	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 43.650 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Instrument :

BNA_F

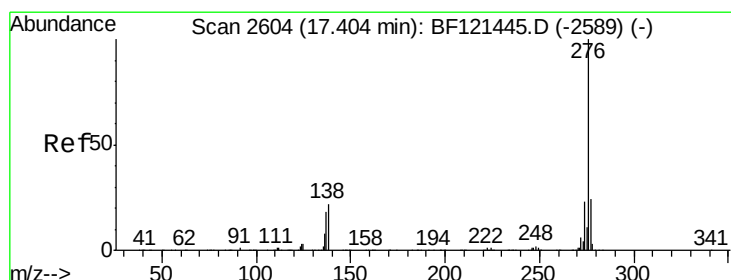
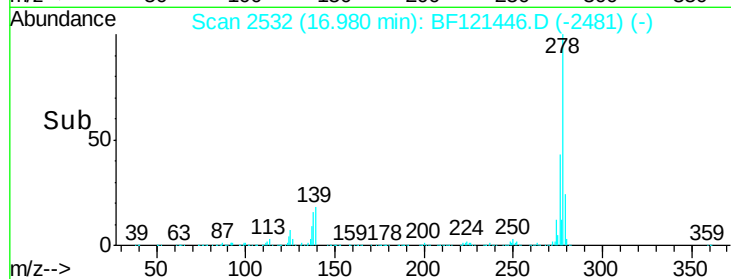
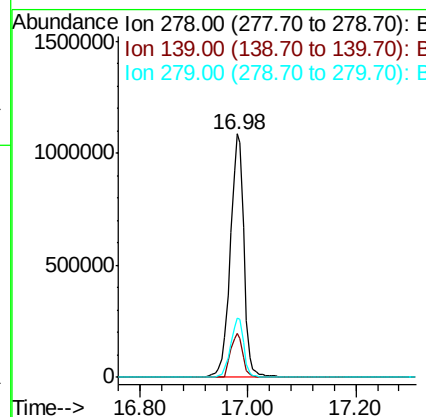
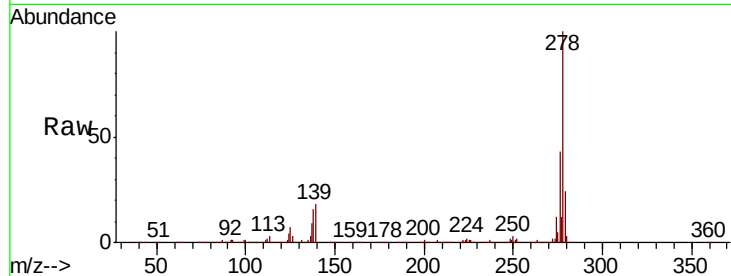
ClientSampleId :

SSTDIC050

Tot Ion:	278	Resp:	1968302
Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.3	19.9
279	24.4	19.4	29.0

Manual Integrations
APPROVED

mohammad
8/28/2020 1:33:29 PM



#92

Benzo(g,h,i)perylene

Concen: 43.320 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BF121446.D

Acq: 27 Aug 2020 20:11

Tgt Ion:	276	Resp:	1877726
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.6	17.4	26.0

