

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122347.D
 Acq On : 17 Nov 2020 15:47
 Operator : JU/CG
 Sample : L4586-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-33-4-WCMSD

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:28:48 AM

Quant Time: Nov 17 16:15:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	256618	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	994276	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	544301	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	1046544	20.00	ng	0.00
76) Chrysene-d12	14.033	240	844490	20.00	ng	0.00
86) Perylene-d12	15.503	264	762305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	2018919	120.80	ng	0.01
7) Phenol-d6	6.492	99	2678564	122.52	ng	0.00
23) Nitrobenzene-d5	7.433	82	1633770	100.59	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	813278	139.22	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2769732	79.51	ng	0.00
79) Terphenyl-d14	12.980	244	3140191	78.78	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	325375	42.45	ng	91
3) Pyridine	3.428	79	912439	43.29	ng	92
4) n-Nitrosodimethylamine	3.381	42	441237	44.40	ng	95
6) Aniline	6.528	93	739669	25.78	ng	96
8) 2-Chlorophenol	6.651	128	862139	49.74	ng	89
9) Benzaldehyde	6.410	77	154366	9.91	ng	95
10) Phenol	6.504	94	1096216	50.92	ng	79
11) bis(2-Chloroethyl)ether	6.598	93	797227	46.59	ng	96
12) 1,3-Dichlorobenzene	6.810	146	909779	46.24	ng	95
13) 1,4-Dichlorobenzene	6.886	146	906001	45.84	ng	96
14) 1,2-Dichlorobenzene	7.039	146	881057	47.76	ng	98
15) Benzyl Alcohol	7.004	79	740663	47.65	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1127409	45.20	ng	99
17) 2-Methylphenol	7.116	107	701177	48.47	ng	99
18) Hexachloroethane	7.380	117	322847	46.90	ng	97
19) n-Nitroso-di-n-propyla...	7.280	70	597965	45.77	ng	96
20) 3+4-Methylphenols	7.269	107	855638	48.06	ng	# 81
22) Acetophenone	7.275	105	1106375	42.72	ng	# 91
24) Nitrobenzene	7.451	77	906465	48.78	ng	94
25) Isophorone	7.692	82	1570010	43.36	ng	96
26) 2-Nitrophenol	7.763	139	434808	53.06	ng	96
27) 2,4-Dimethylphenol	7.798	122	740210	43.34	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	984811	44.47	ng	99
29) 2,4-Dichlorophenol	8.004	162	735033	48.61	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	752777	45.11	ng	97
31) Naphthalene	8.175	128	2334995	44.17	ng	98
32) Benzoic acid	7.927	122	563451	57.68	ng	99
33) 4-Chloroaniline	8.216	127	291868	12.68	ng	97
34) Hexachlorobutadiene	8.292	225	431670	45.00	ng	100
35) Caprolactam	8.592	113	246945m	51.53	ng	
36) 4-Chloro-3-methylphenol	8.698	107	763861	48.44	ng	97
37) 2-Methylnaphthalene	8.869	142	1576034	45.13	ng	98
38) 1-Methylnaphthalene	8.963	142	1468507	44.92	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	718655	42.85	ng	99
41) Hexachlorocyclopentadiene	9.022	237	809810	82.58	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	529120	48.58	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122347.D
 Acq On : 17 Nov 2020 15:47
 Operator : JU/CG
 Sample : L4586-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-33-4-WCMSD

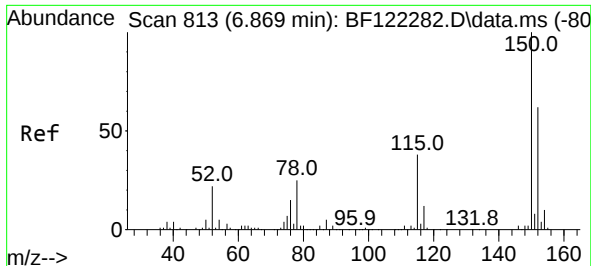
Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:28:48 AM

Quant Time: Nov 17 16:15:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	563561	49.35	ng	99
46) 1,1'-Biphenyl	9.333	154	1876904	43.32	ng	98
47) 2-Chloronaphthalene	9.357	162	1513777	44.02	ng	97
48) 2-Nitroaniline	9.445	65	492461	48.07	ng	95
49) Acenaphthylene	9.774	152	2331690	44.12	ng	99
50) Dimethylphthalate	9.633	163	2291145	59.22	ng	99
51) 2,6-Dinitrotoluene	9.692	165	423734	49.12	ng	# 81
52) Acenaphthene	9.945	154	1618935	49.49	ng	99
53) 3-Nitroaniline	9.857	138	252739	27.42	ng	90
54) 2,4-Dinitrophenol	9.963	184	381864	94.26	ng	89
55) Dibenzofuran	10.116	168	2135660	44.56	ng	100
56) 4-Nitrophenol	10.016	139	789772	92.67	ng	93
57) 2,4-Dinitrotoluene	10.092	165	578953	52.83	ng	92
58) Fluorene	10.457	166	1644515	44.81	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	506622	53.35	ng	97
60) Diethylphthalate	10.333	149	1716746	45.23	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	778845	44.95	ng	98
62) 4-Nitroaniline	10.474	138	449692	46.95	ng	97
63) Azobenzene	10.610	77	1713233	43.03	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	269490	55.78	ng	84
66) n-Nitrosodiphenylamine	10.569	169	1537273	43.11	ng	95
67) 4-Bromophenyl-phenylether	10.939	248	549392	44.67	ng	99
68) Hexachlorobenzene	11.004	284	599620	45.13	ng	98
69) Atrazine	11.092	200	438955	49.43	ng	99
70) Pentachlorophenol	11.198	266	734546	95.95	ng	98
71) Phenanthrene	11.421	178	2557696	43.07	ng	98
72) Anthracene	11.468	178	2617033	42.76	ng	98
73) Carbazole	11.621	167	2470736	44.38	ng	99
74) Di-n-butylphthalate	11.957	149	2629699	44.31	ng	99
75) Fluoranthene	12.610	202	2767265	44.64	ng	97
77) Benzidine	12.721	184	589677	25.18	ng	99
78) Pyrene	12.839	202	2827543	47.66	ng	98
80) Butylbenzylphthalate	13.457	149	1135040	47.73	ng	95
81) Benzo(a)anthracene	14.027	228	2307325	43.93	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	539879	27.58	ng	98
83) Chrysene	14.062	228	2345363	44.34	ng	97
84) Bis(2-ethylhexyl)phtha...	14.015	149	1358323	47.48	ng	98
85) Di-n-octyl phthalate	14.627	149	2262045	46.66	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	2374204	51.90	ng	100
88) Benzo(b)fluoranthene	15.074	252	2378675	48.18	ng	99
89) Benzo(k)fluoranthene	15.104	252	1983556	41.20	ng	98
90) Benzo(a)pyrene	15.439	252	1955780	45.44	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	1922176	50.17	ng	100
92) Benzo(g,h,i)perylene	17.421	276	2028599	54.45	ng	99

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



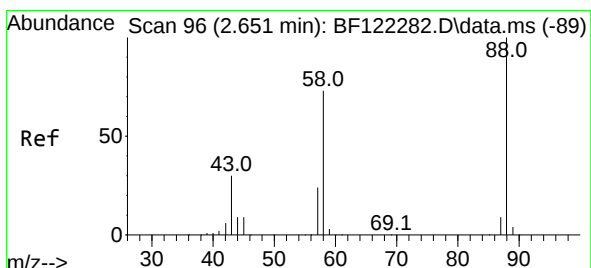
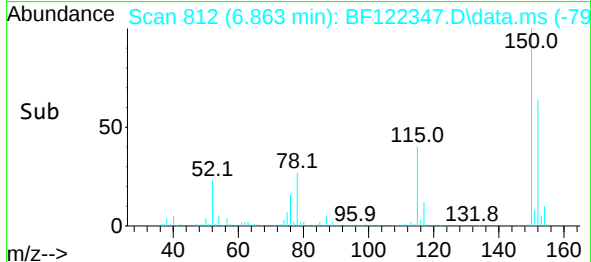
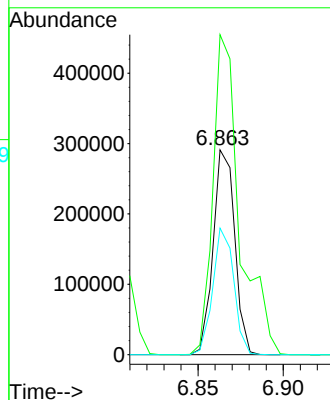
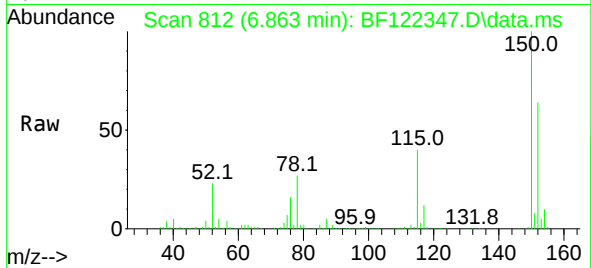
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF122347.D
 Acq: 17 Nov 2020 15:47

Tgt Ion:152 Resp: 256618
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.3 187.9
 115 61.8 51.9 77.9

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-33-4-WCMSD

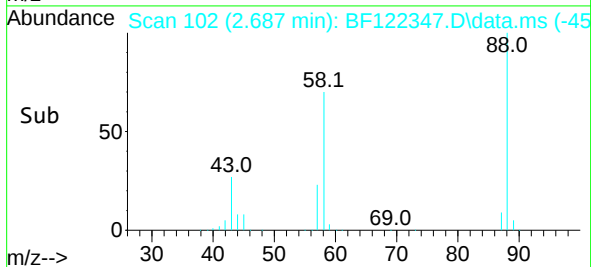
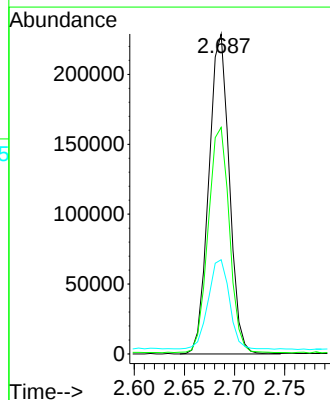
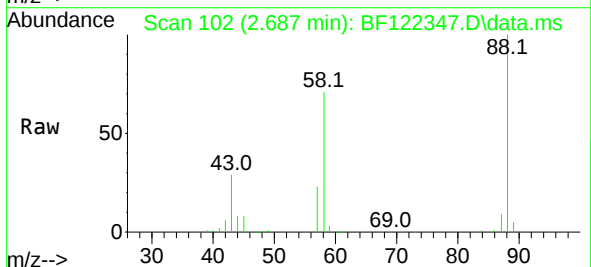
Manual Integrations
 APPROVED

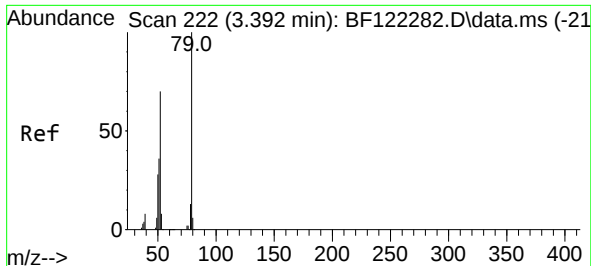
mohammad
 11/19/2020 10:28:48 AM



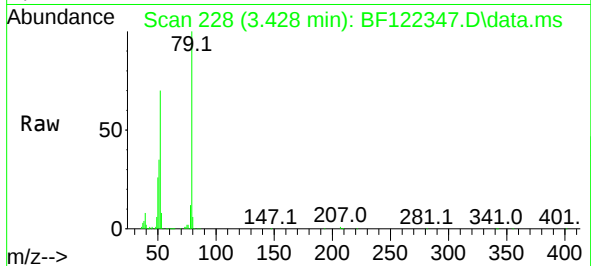
#2
 1,4-Dioxane
 Concen: 42.45 ng
 RT: 2.687 min Scan# 102
 Delta R.T. 0.035 min
 Lab File: BF122347.D
 Acq: 17 Nov 2020 15:47

Tgt Ion: 88 Resp: 325375
 Ion Ratio Lower Upper
 88 100
 58 72.9 65.8 98.8
 43 29.0 25.8 38.8

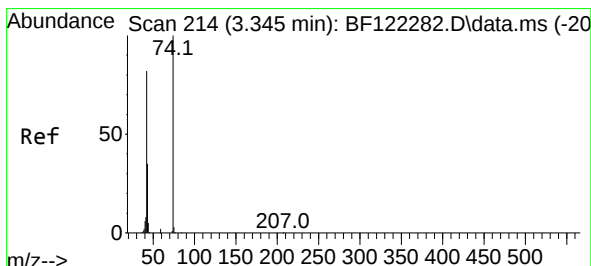
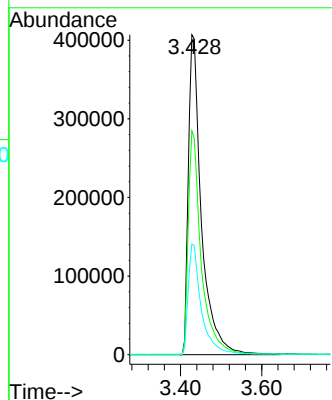
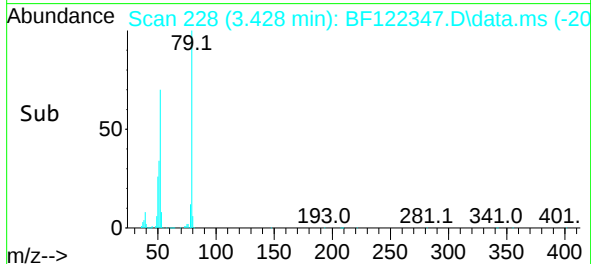




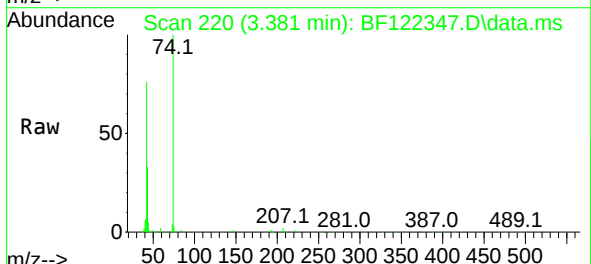
#3
Pyridine
Concen: 43.29 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.035 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



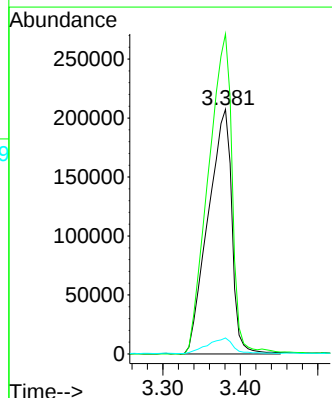
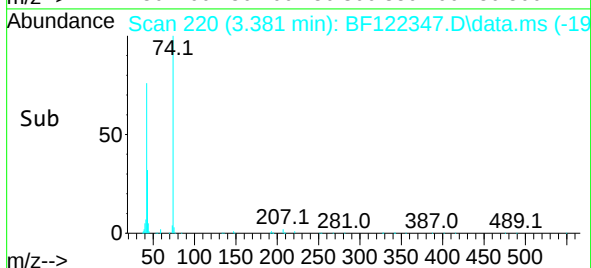
Tgt Ion: 79 Resp: 912439
Ion Ratio Lower Upper
79 100
52 69.9 62.2 93.4
51 34.6 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 44.40 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.035 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



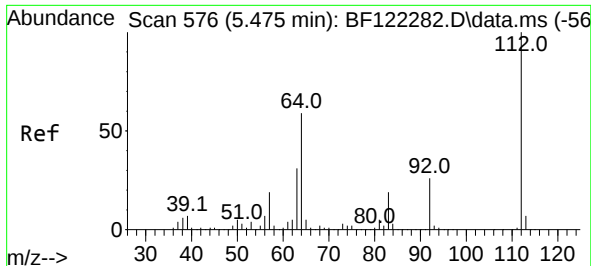
Tgt Ion: 42 Resp: 441237
Ion Ratio Lower Upper
42 100
74 130.8 100.2 150.2
44 6.5 5.8 8.6



Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



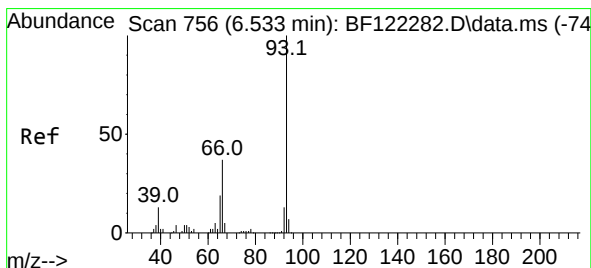
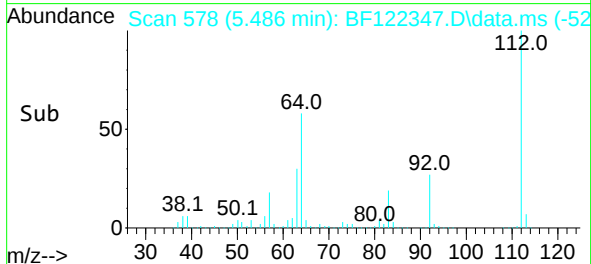
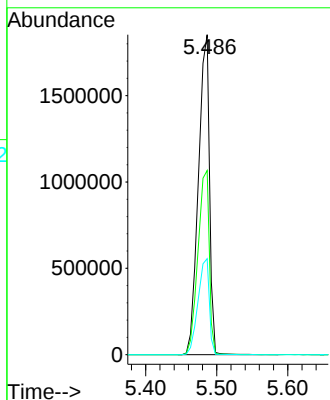
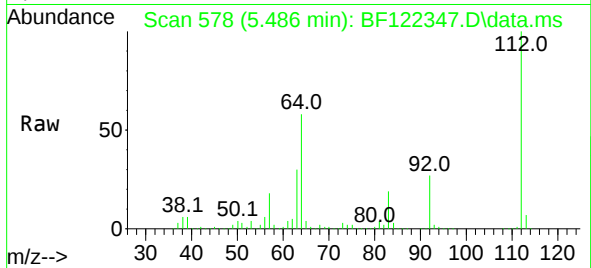
#5
2-Fluorophenol
Concen: 120.80 ng
RT: 5.486 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion: 112 Resp: 2018919
Ion Ratio Lower Upper
112 100
64 57.6 50.4 75.6
63 30.0 25.8 38.6

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

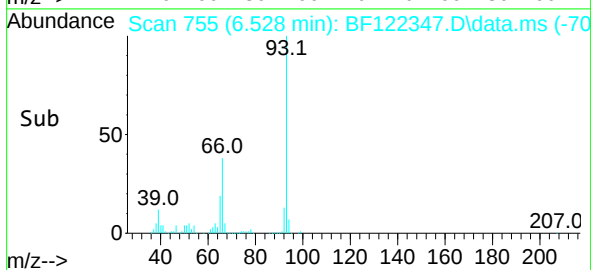
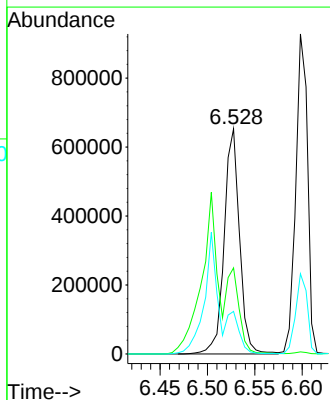
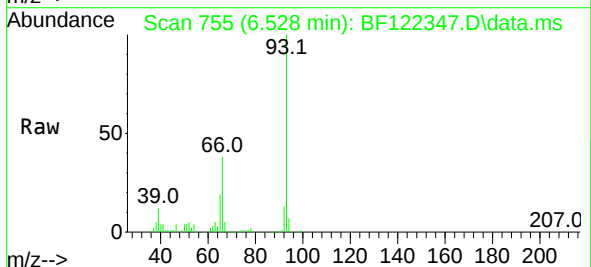
Manual Integrations
APPROVED

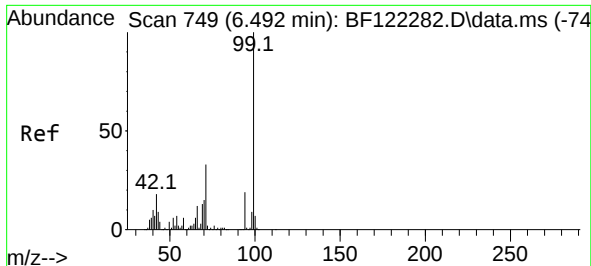
mohammad
11/19/2020 10:28:48 AM



#6
Aniline
Concen: 25.78 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion: 93 Resp: 739669
Ion Ratio Lower Upper
93 100
66 38.3 32.7 49.1
65 18.9 16.6 24.8





#7
Phenol-d6
Concen: 122.52 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

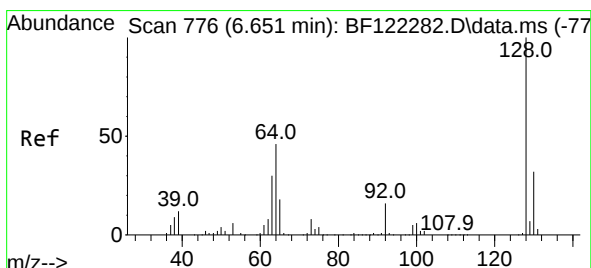
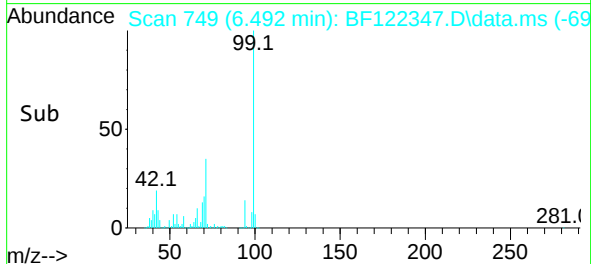
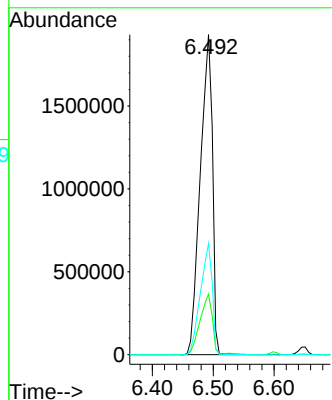
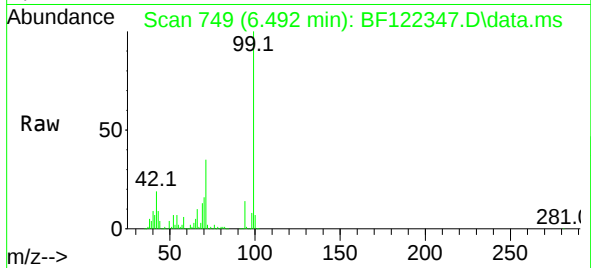
Tgt Ion: 99 Resp: 2678564

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.9	23.9
71	34.8	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations
APPROVED

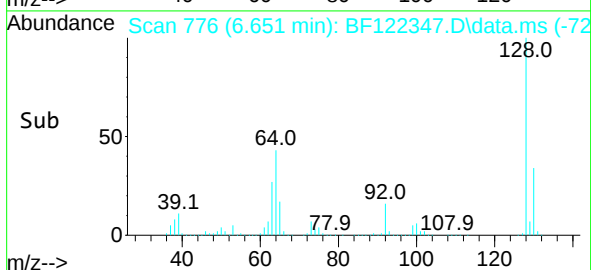
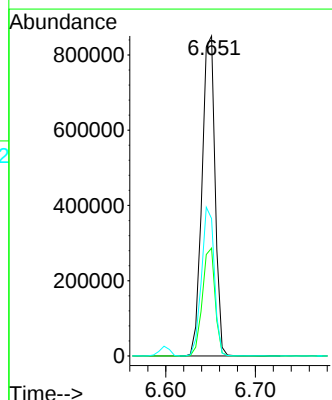
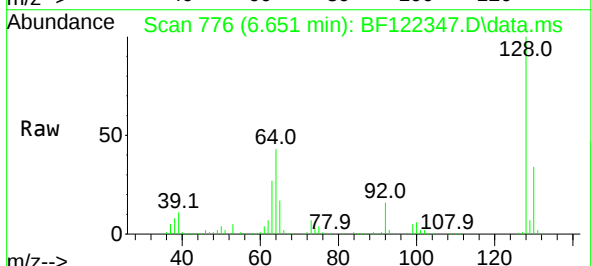
mohammad
11/19/2020 10:28:48 AM

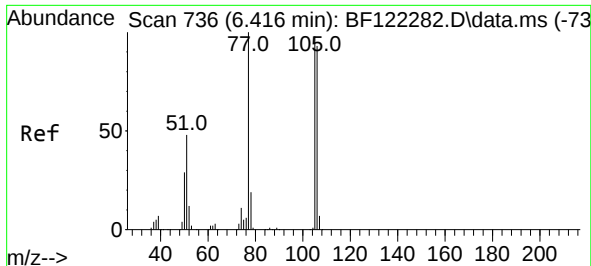


#8
2-Chlorophenol
Concen: 49.74 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion: 128 Resp: 862139

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.4	52.4
64	42.9	34.8	74.8





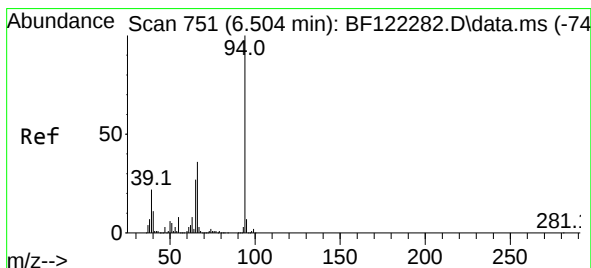
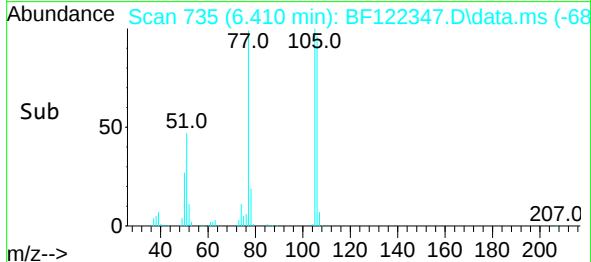
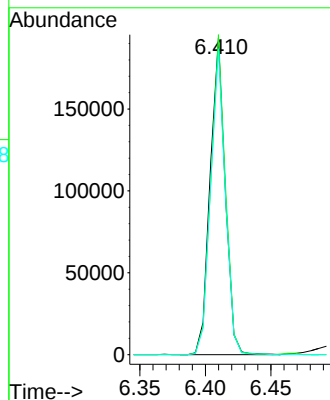
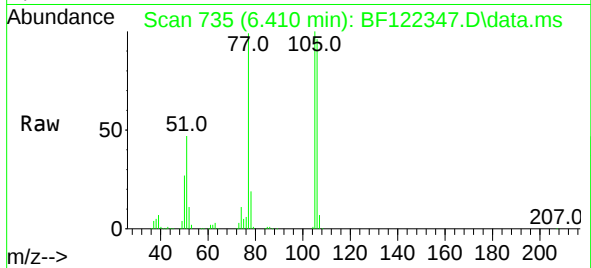
#9
Benzaldehyde
Concen: 9.91 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion: 77 Resp: 154366
Ion Ratio Lower Upper
77 100
105 101.1 76.7 116.7
106 96.7 71.3 111.3

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

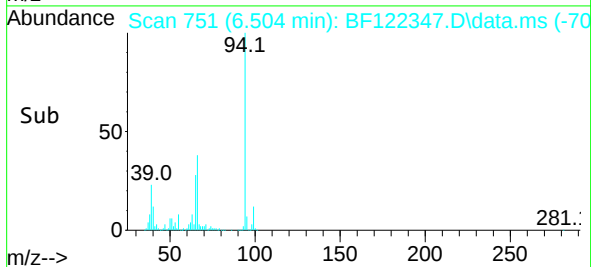
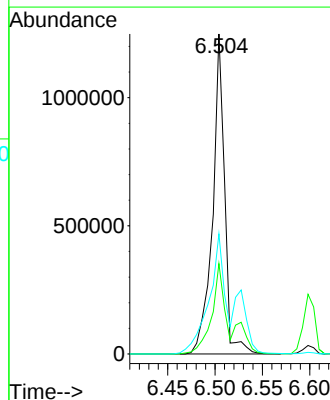
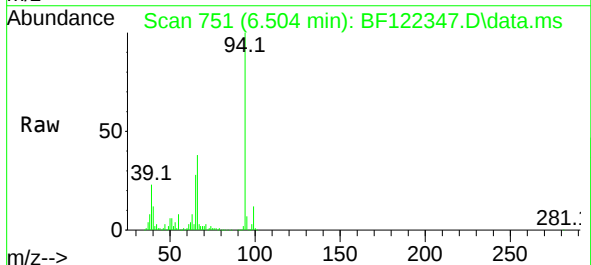
Manual Integrations
APPROVED

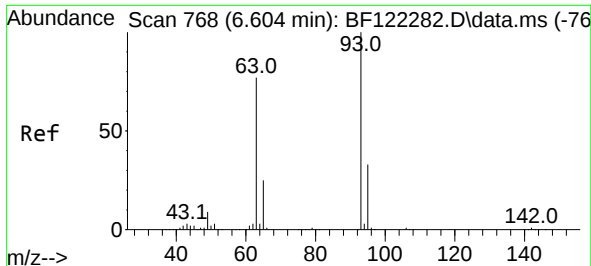
mohammad
11/19/2020 10:28:48 AM



#10
Phenol
Concen: 50.92 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion: 94 Resp: 1096216
Ion Ratio Lower Upper
94 100
65 28.3 17.1 57.1
66 37.5 36.0 76.0





#11

bis(2-Chloroethyl)ether

Concen: 46.59 ng

RT: 6.598 min Scan# 767

Delta R.T. -0.006 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion:	93	Resp:	797227
Ion	Ratio	Lower	Upper
93	100		
63	77.3	62.4	102.4
95	32.7	12.6	52.6

Instrument :

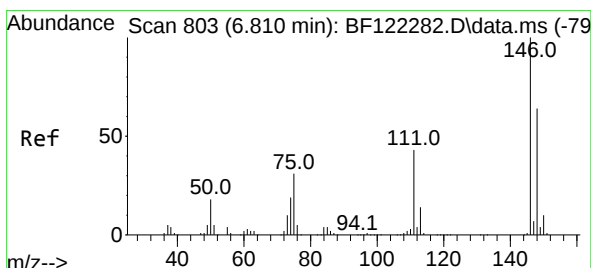
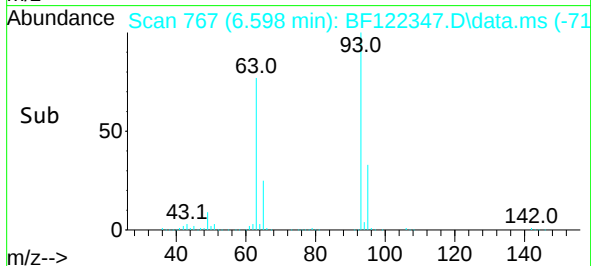
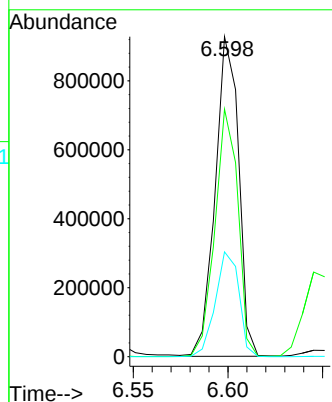
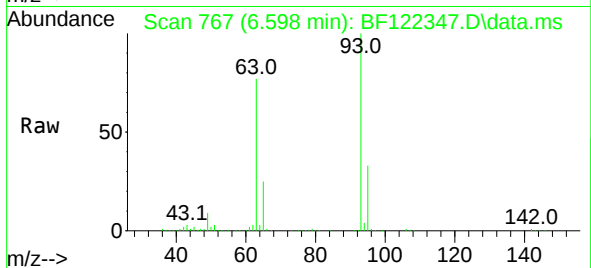
BNA_F

ClientSampleId :

R-LA-33-4-WCMSD

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



#12

1,3-Dichlorobenzene

Concen: 46.24 ng

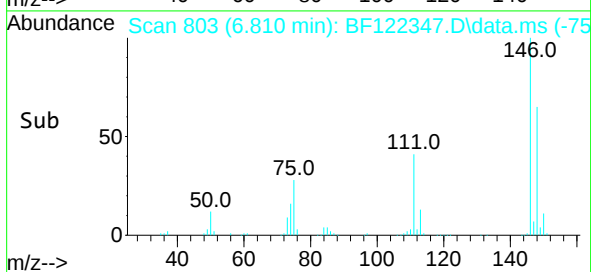
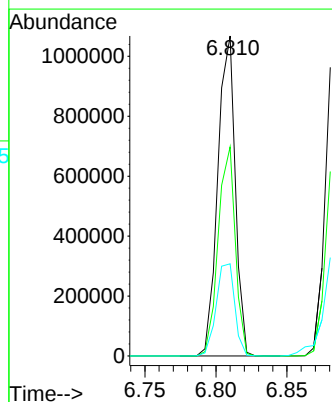
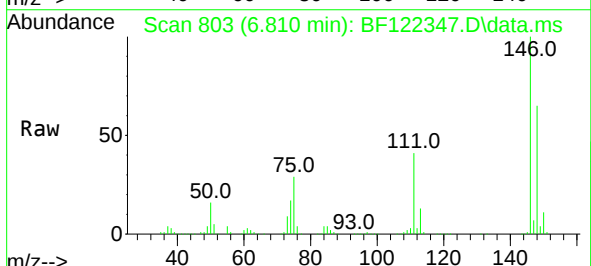
RT: 6.810 min Scan# 803

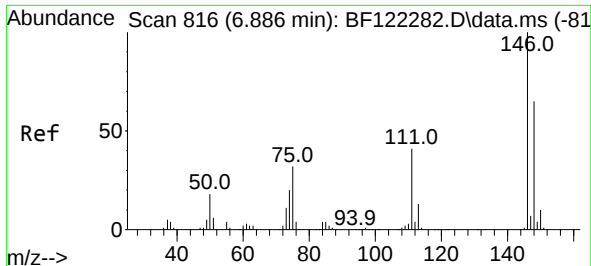
Delta R.T. 0.000 min

Lab File: BF122347.D

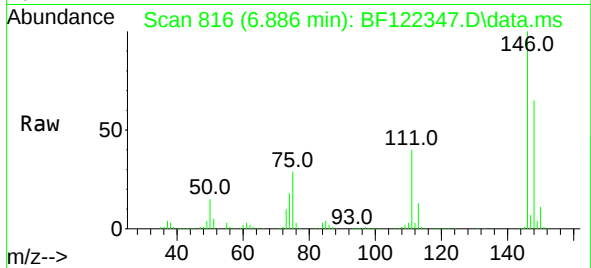
Acq: 17 Nov 2020 15:47

Tgt Ion:	146	Resp:	909779
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.4
75	28.8	27.6	41.4

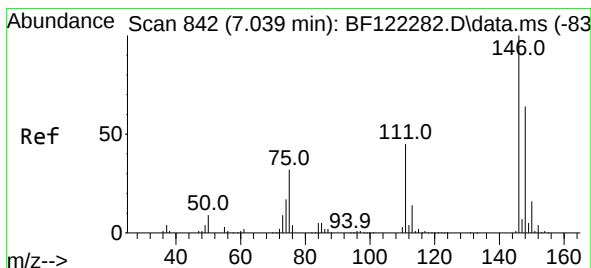
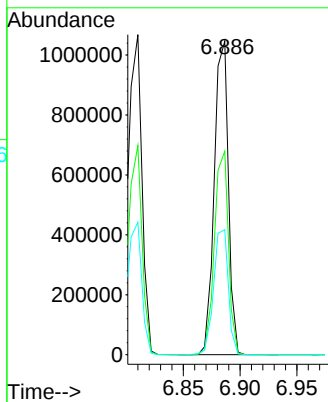
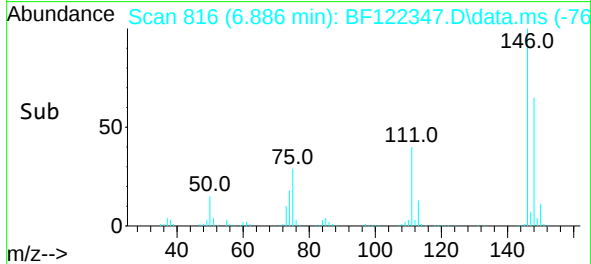




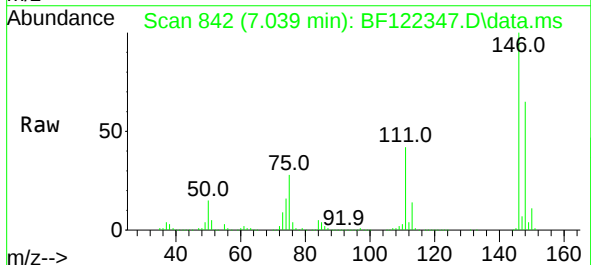
#13
1,4-Dichlorobenzene
Concen: 45.84 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



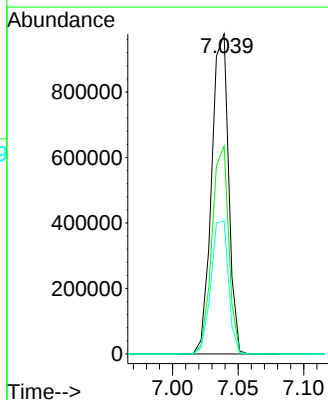
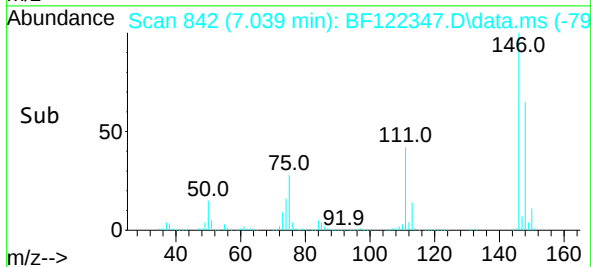
Tgt Ion:146 Resp: 906001
Ion Ratio Lower Upper
146 100
148 64.9 50.1 75.1
111 39.9 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 47.76 ng
RT: 7.039 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



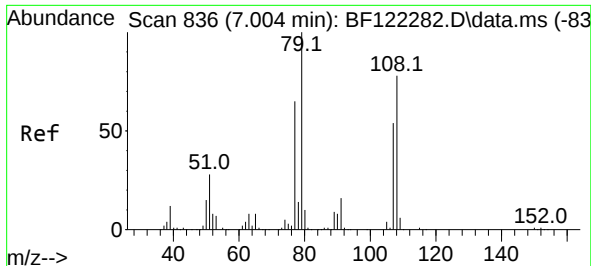
Tgt Ion:146 Resp: 881057
Ion Ratio Lower Upper
146 100
148 64.9 51.1 76.7
111 41.6 34.2 51.4



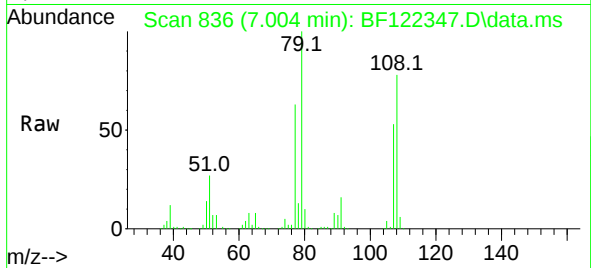
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations
APPROVED

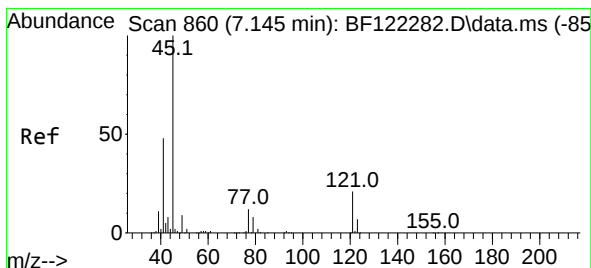
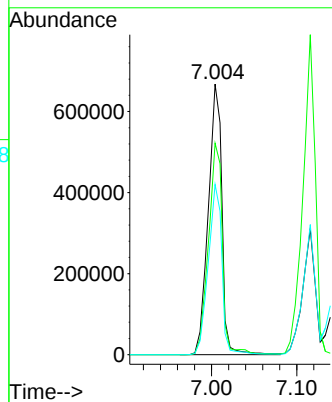
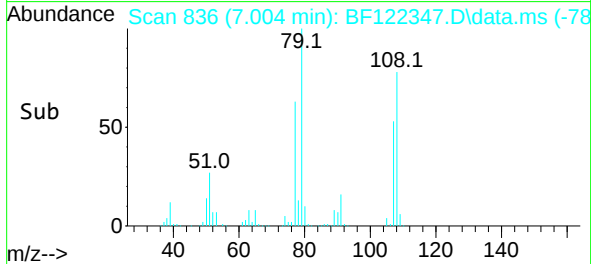
mohammad
11/19/2020 10:28:48 AM



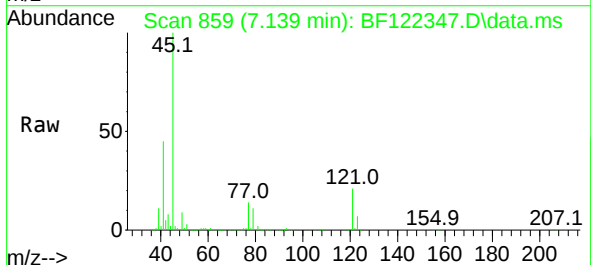
#15
Benzyl Alcohol
Concen: 47.65 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



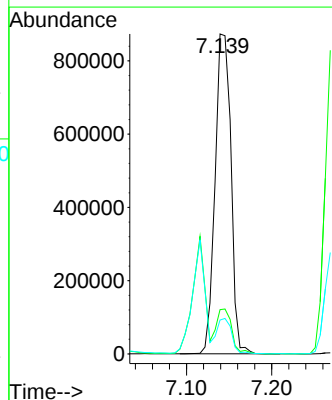
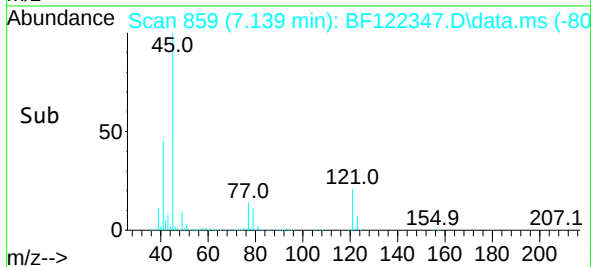
Tgt Ion: 79 Resp: 740663
Ion Ratio Lower Upper
79 100
108 78.2 62.3 93.5
77 62.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.20 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



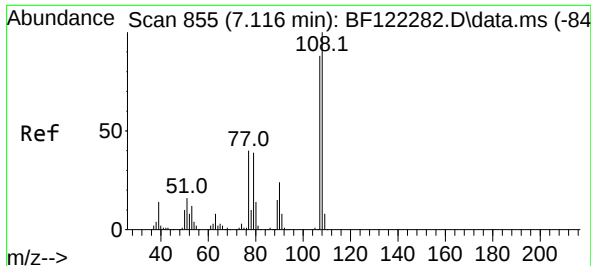
Tgt Ion: 45 Resp: 1127409
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.3
79 10.6 0.0 30.4



Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

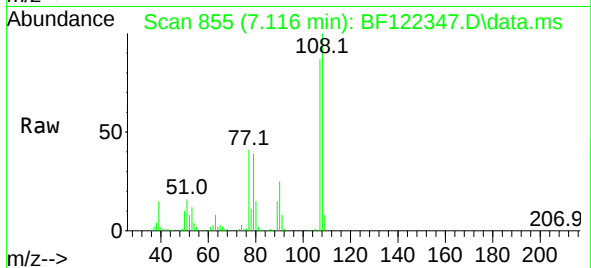
Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



#17
2-Methylphenol
Concen: 48.47 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

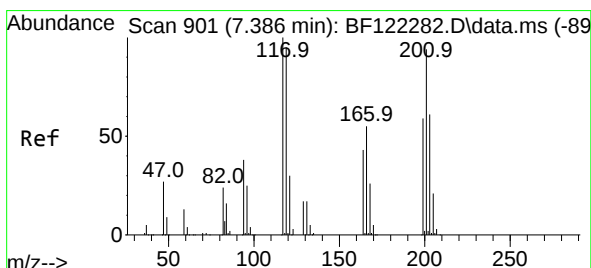
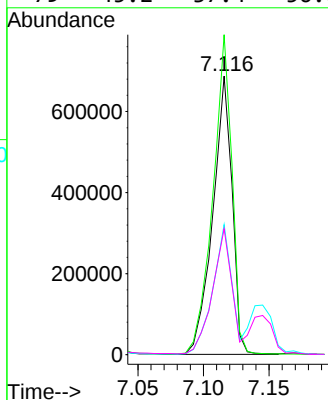
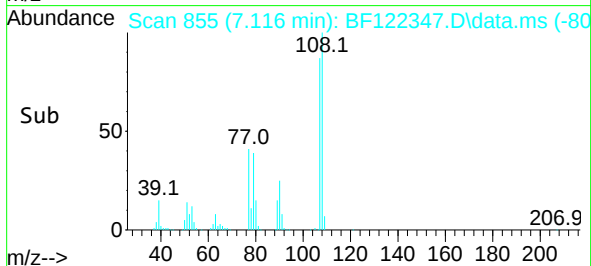
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD



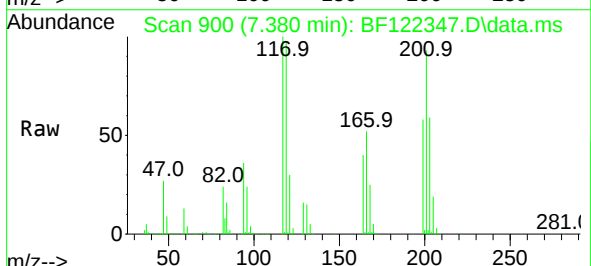
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.9	136.3
77	46.7	37.5	56.3
79	45.2	37.4	56.0

Manual Integrations
APPROVED

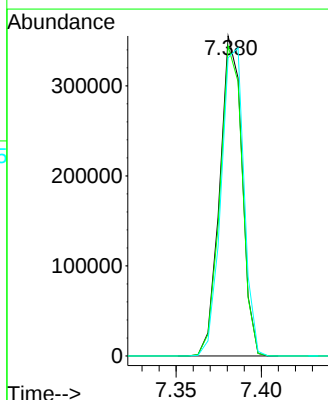
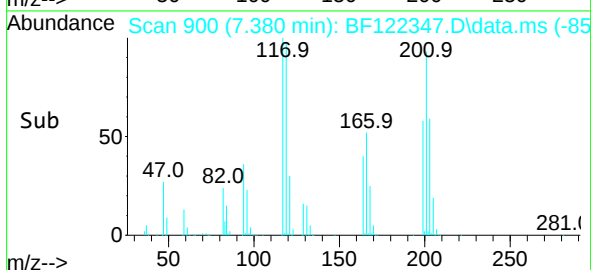
mohammad
11/19/2020 10:28:48 AM

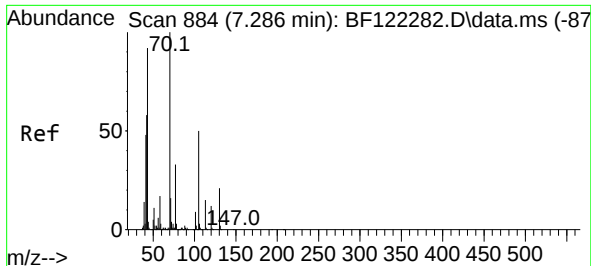


#18
Hexachloroethane
Concen: 46.90 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

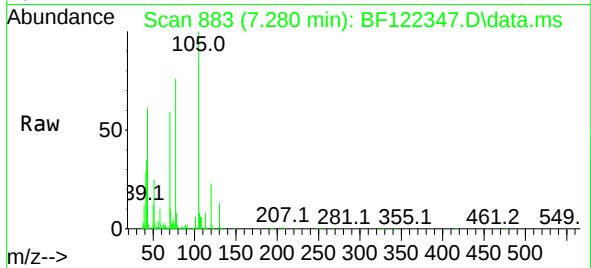


Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.3	114.5
201	93.2	71.8	107.6

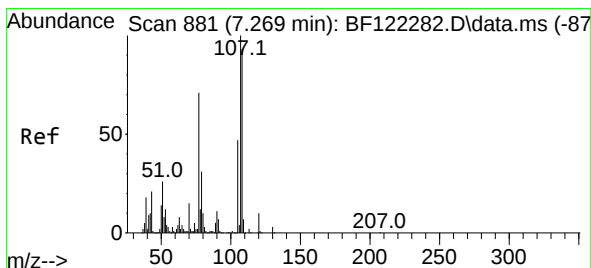
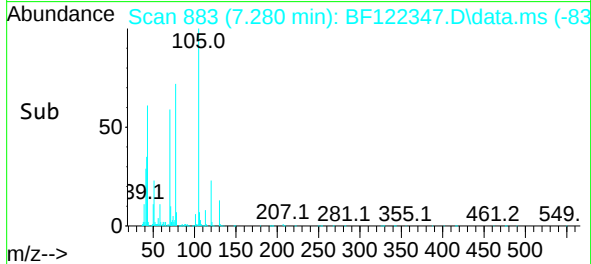
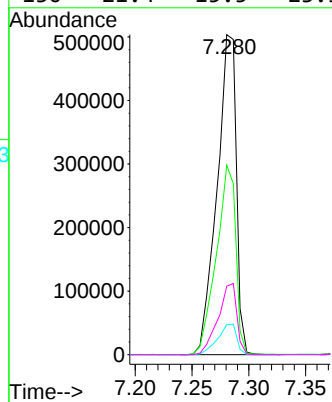




#19
n-Nitroso-di-n-propylamine
Concen: 45.77 ng
RT: 7.280 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

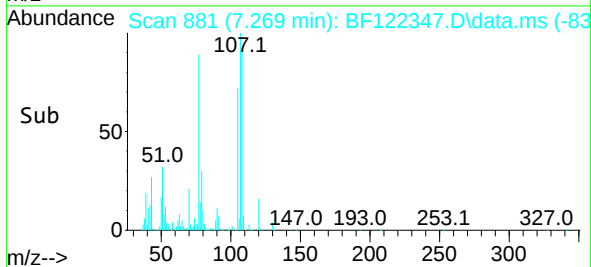
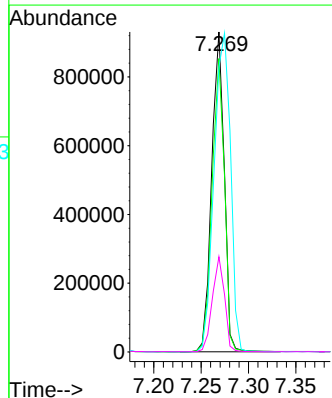
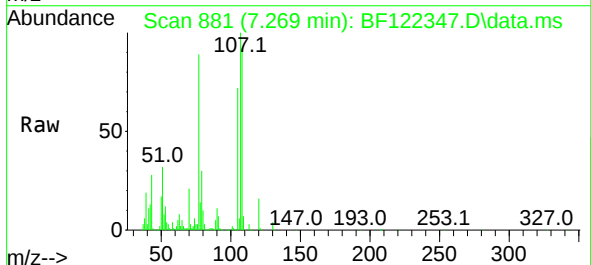


Tgt Ion: 70 Resp: 597965
Ion Ratio Lower Upper
70 100
42 59.2 50.2 75.4
101 9.4 7.5 11.3
130 21.4 15.5 23.3



#20
3+4-Methylphenols
Concen: 48.06 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

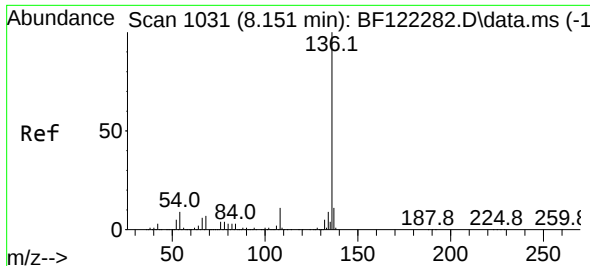
Tgt Ion: 107 Resp: 855638
Ion Ratio Lower Upper
107 100
108 91.7 68.9 108.9
77 89.0 108.0 148.0#
79 29.8 10.5 50.5



Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



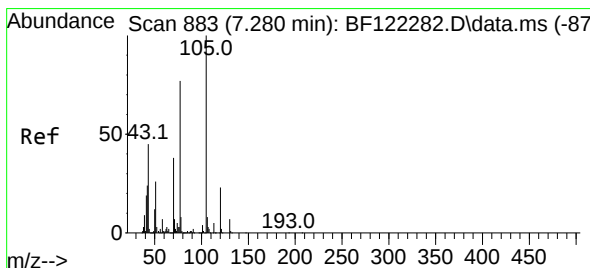
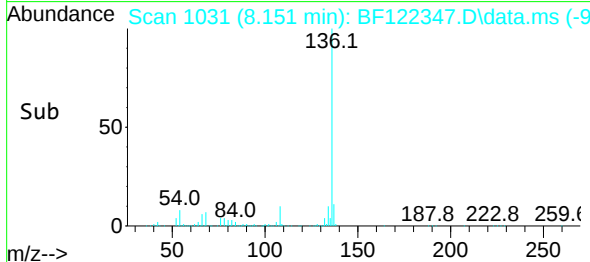
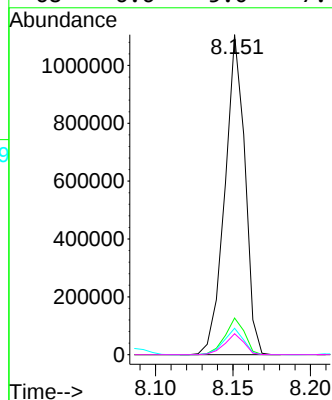
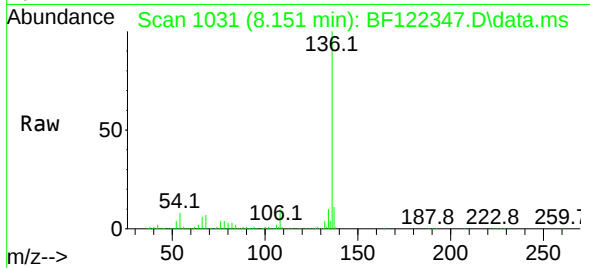
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:	136	Resp:	994276
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	8.3	7.1	10.7
68	6.6	5.0	7.4

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

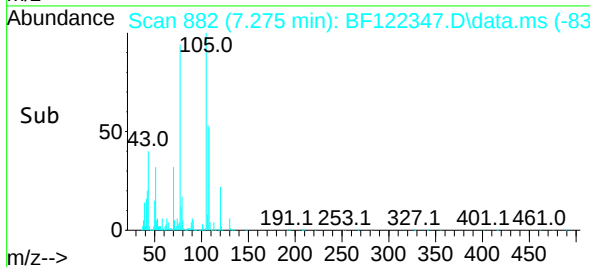
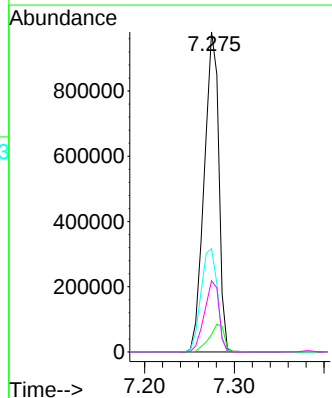
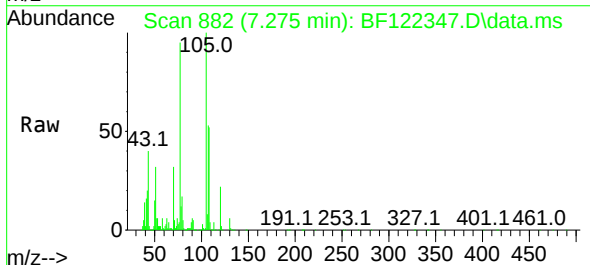
Manual Integrations
APPROVED

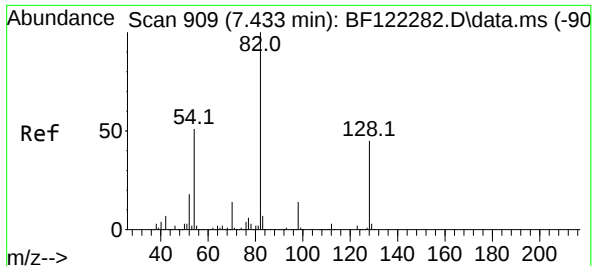
mohammad
11/19/2020 10:28:48 AM



#22
Acetophenone
Concen: 42.72 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:	105	Resp:	1106375
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.3	7.9
51	32.3	33.2	49.8#
120	22.2	17.4	26.0





#23

Nitrobenzene-d5

Concen: 100.59 ng

RT: 7.433 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion: 82 Resp: 1633770

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.0	52.4
54	49.2	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

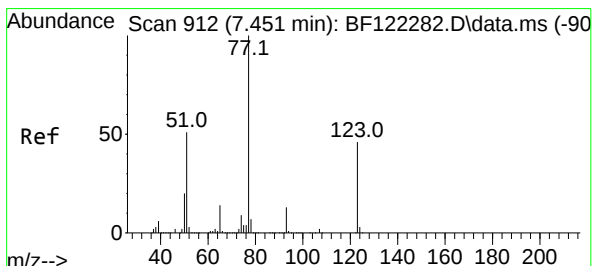
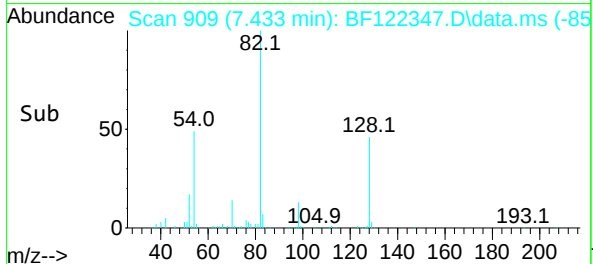
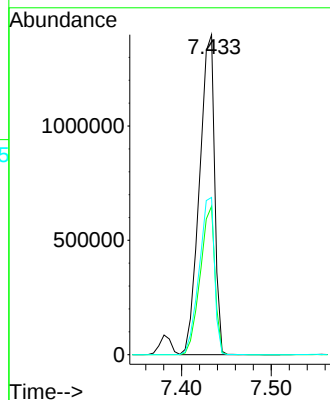
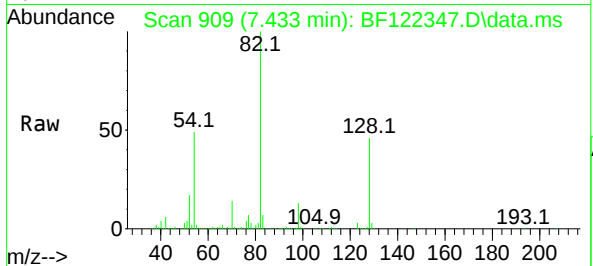
R-LA-33-4-WCMSD

Manual Integrations

APPROVED

mohammad

11/19/2020 10:28:48 AM



#24

Nitrobenzene

Concen: 48.78 ng

RT: 7.451 min Scan# 912

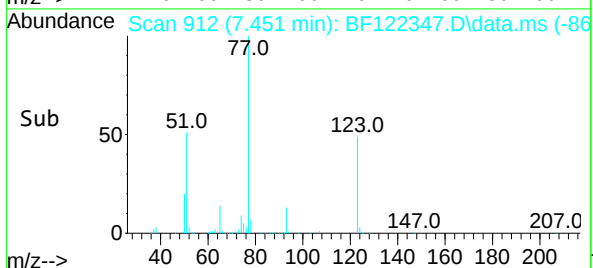
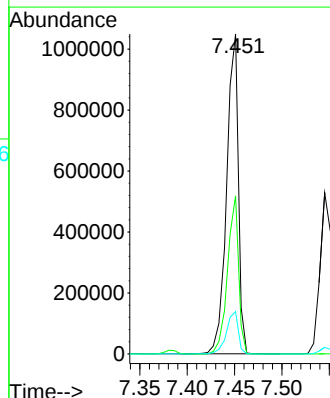
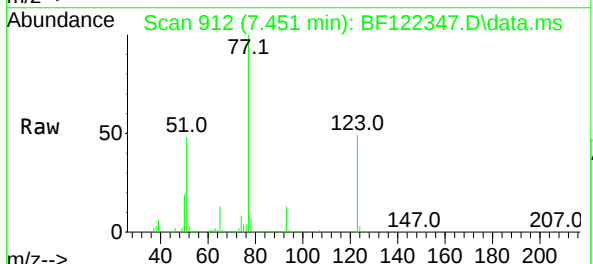
Delta R.T. 0.000 min

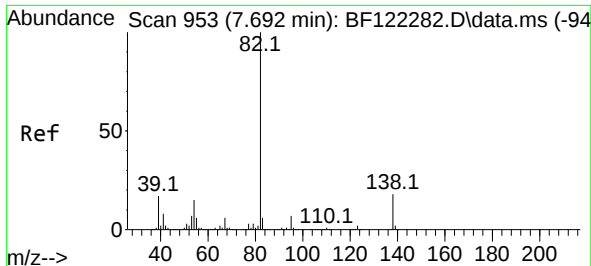
Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

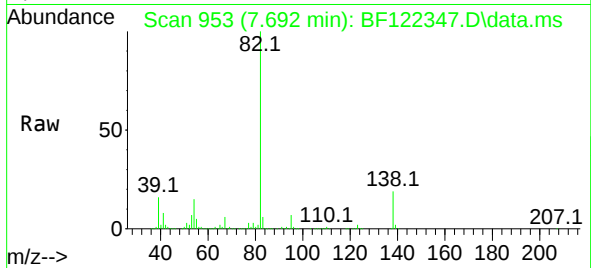
Tgt Ion: 77 Resp: 906465

Ion	Ratio	Lower	Upper
77	100		
123	49.4	35.6	53.4
65	13.2	11.2	16.8

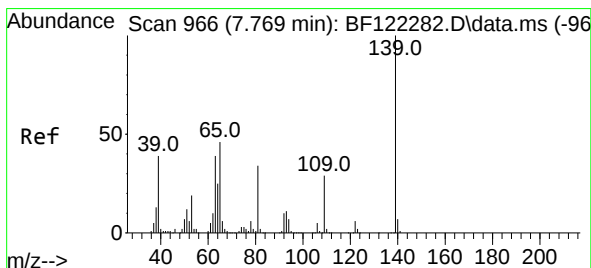
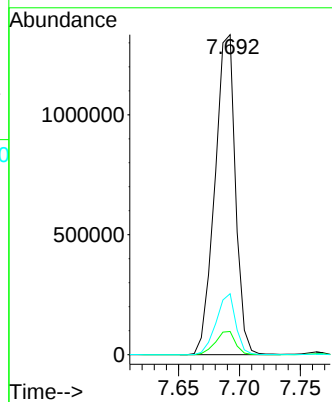
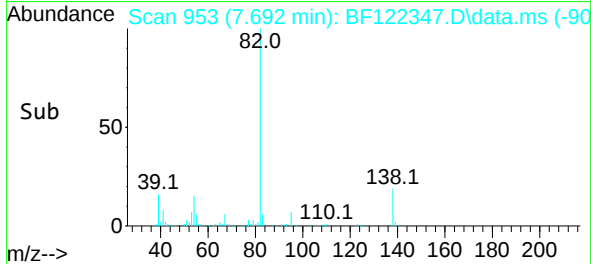




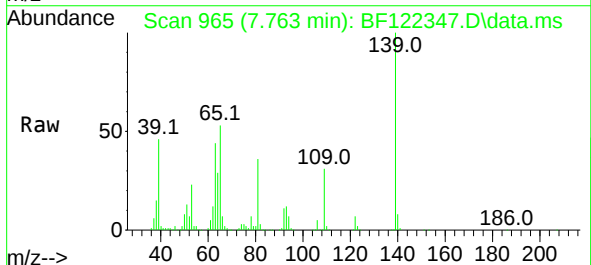
#25
Isophorone
Concen: 43.36 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



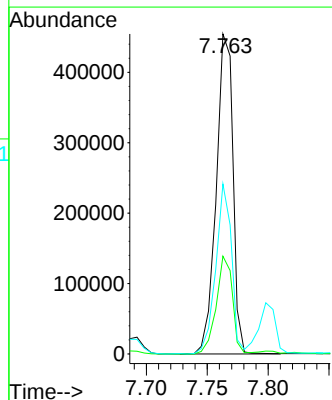
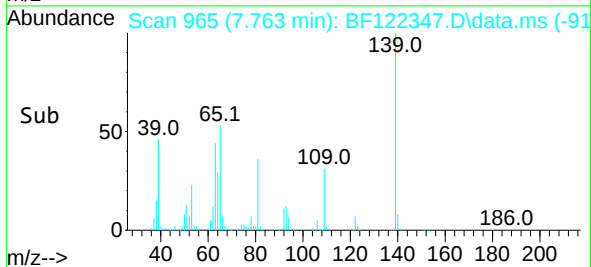
Tgt Ion: 82 Resp: 1570010
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 19.1 13.4 20.0



#26
2-Nitrophenol
Concen: 53.06 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



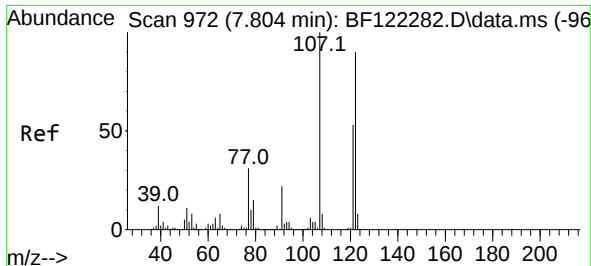
Tgt Ion: 139 Resp: 434808
Ion Ratio Lower Upper
139 100
109 30.6 23.0 34.4
65 53.2 39.9 59.9



Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



#27

2,4-Dimethylphenol

Concen: 43.34 ng

RT: 7.798 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion:	122	Resp:	740210
Ion	Ratio	Lower	Upper
122	100		
107	112.7	90.8	136.2
121	58.3	47.5	71.3

Instrument :

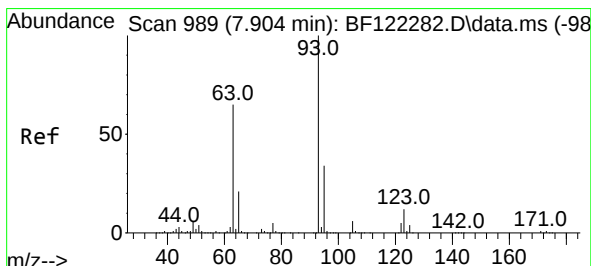
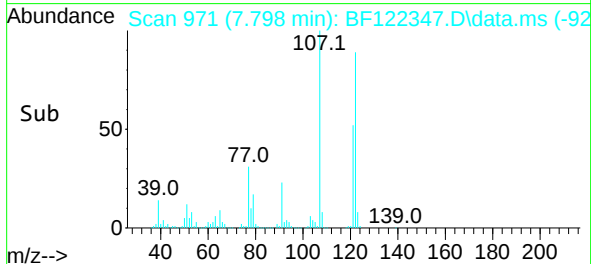
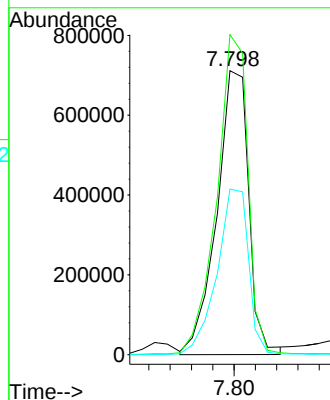
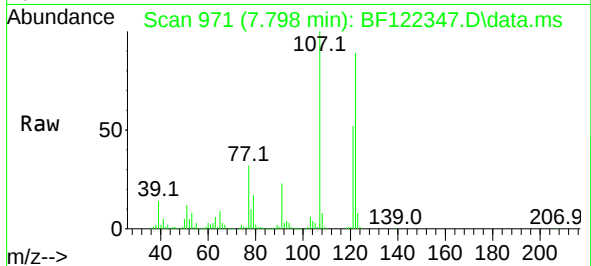
BNA_F

ClientSampleId :

R-LA-33-4-WCMSD

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



#28

bis(2-Chloroethoxy)methane

Concen: 44.47 ng

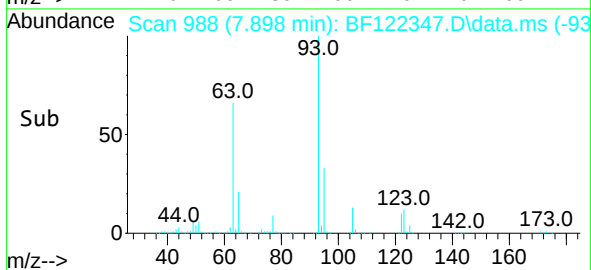
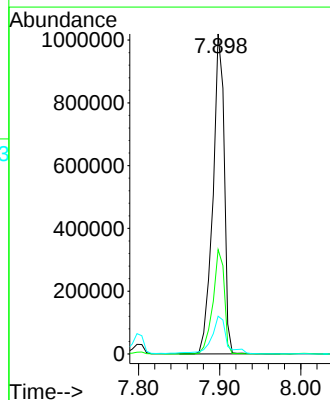
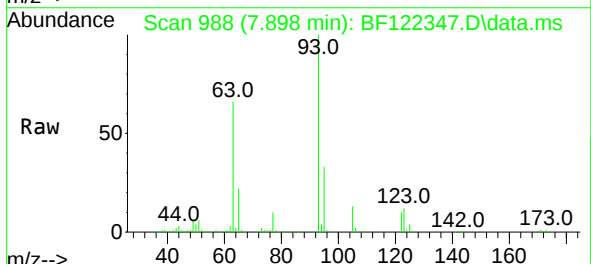
RT: 7.898 min Scan# 988

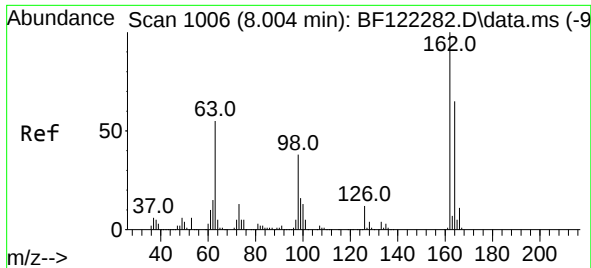
Delta R.T. -0.006 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion:	93	Resp:	984811
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.8	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 48.61 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion:	162	Resp:	735033
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.5	82.5
98	37.8	20.1	60.1

Instrument :

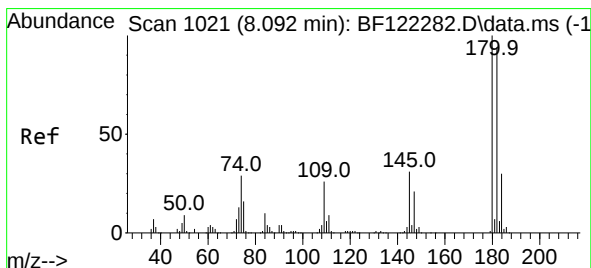
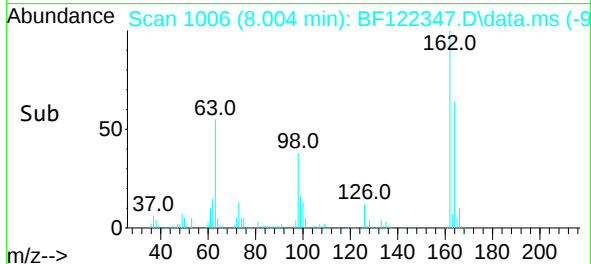
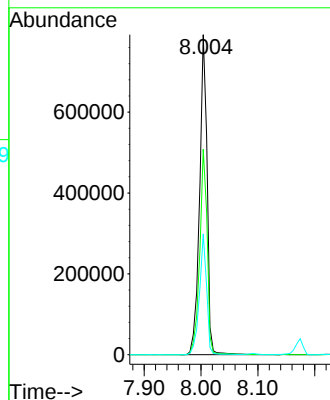
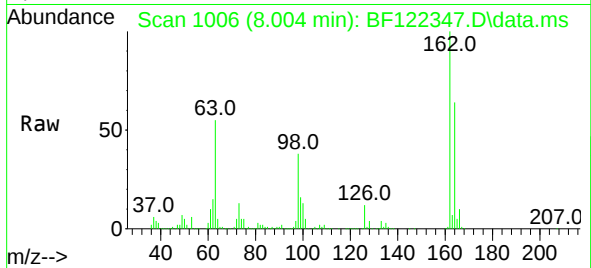
BNA_F

ClientSampleId :

R-LA-33-4-WCMSD

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



#30

1,2,4-Trichlorobenzene

Concen: 45.11 ng

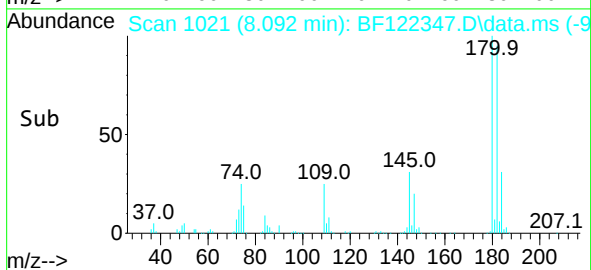
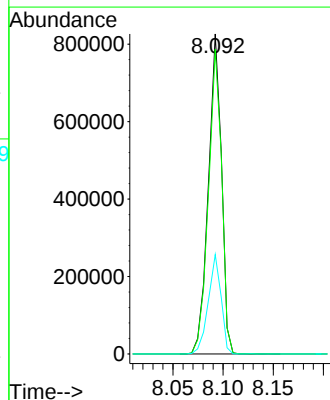
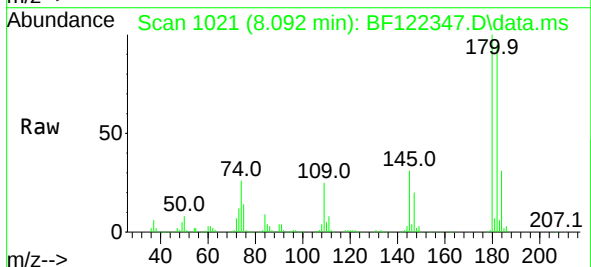
RT: 8.092 min Scan# 1021

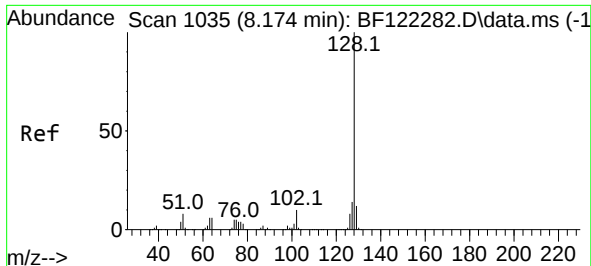
Delta R.T. 0.000 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion:	180	Resp:	752777
Ion Ratio	Lower	Upper	
180	100		
182	95.2	79.4	119.2
145	31.1	25.5	38.3





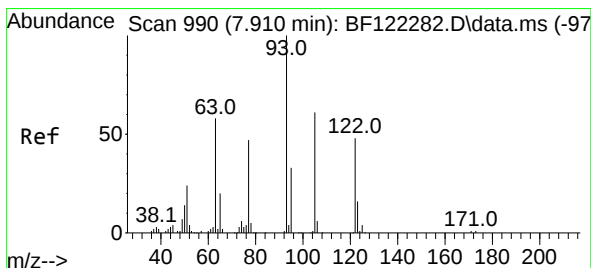
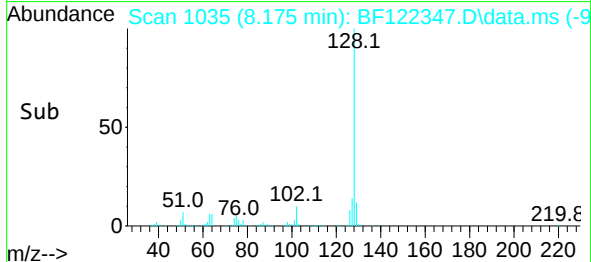
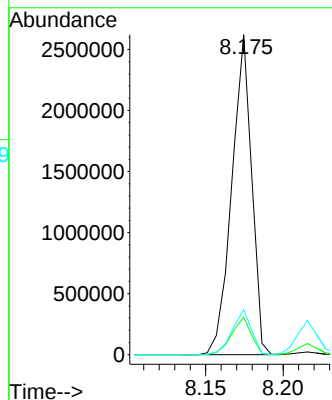
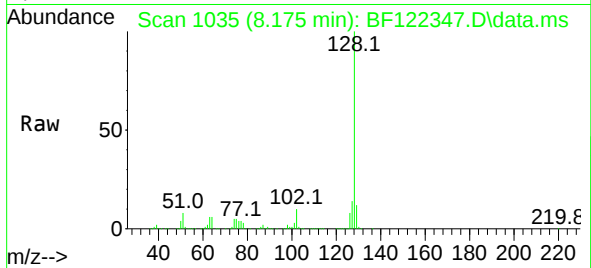
#31
Naphthalene
Concen: 44.17 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:128 Resp: 2334995
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.1 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

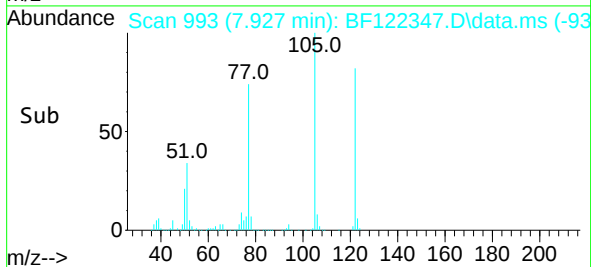
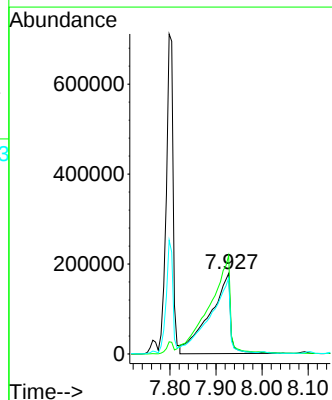
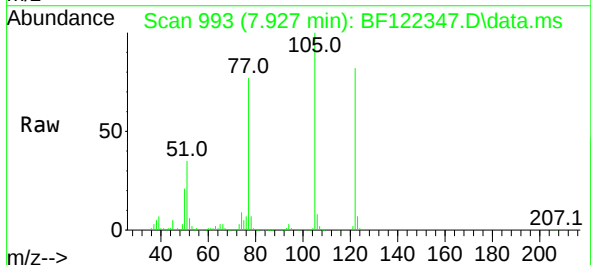
Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



#32
Benzoic acid
Concen: 57.68 ng
RT: 7.927 min Scan# 993
Delta R.T. 0.017 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:122 Resp: 563451
Ion Ratio Lower Upper
122 100
105 122.6 103.3 143.3
77 94.4 73.9 113.9





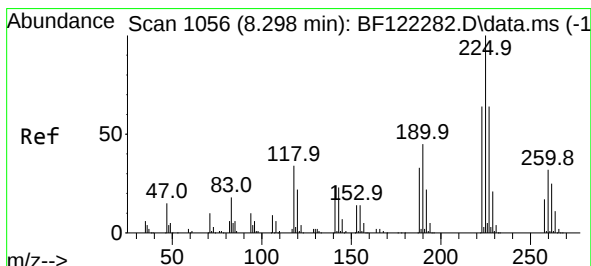
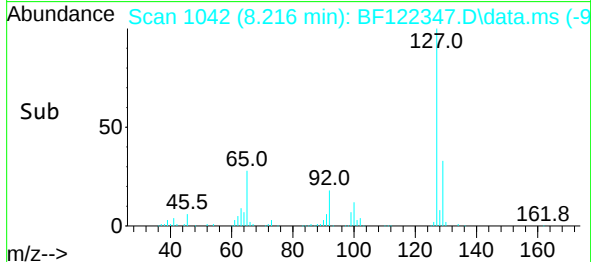
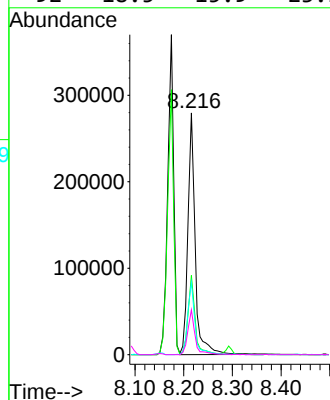
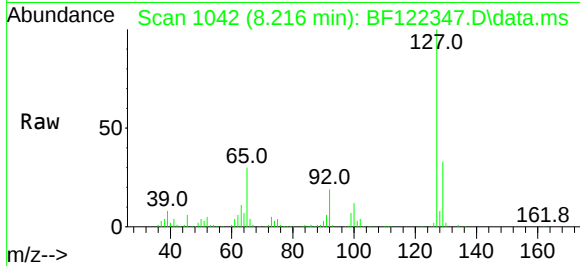
#33
4-Chloroaniline
Concen: 12.68 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	30.0	26.2	39.2
92	18.5	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

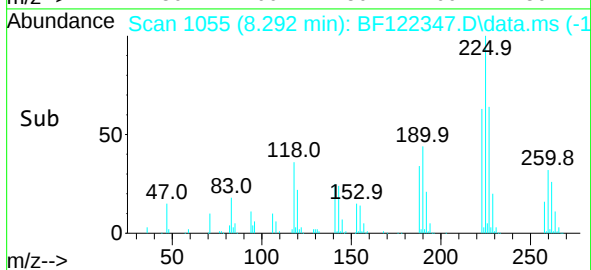
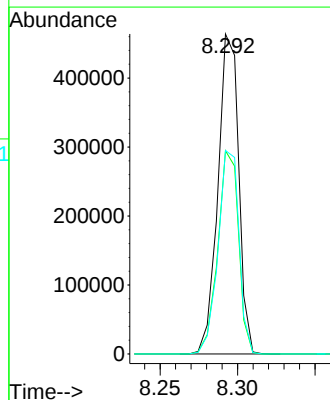
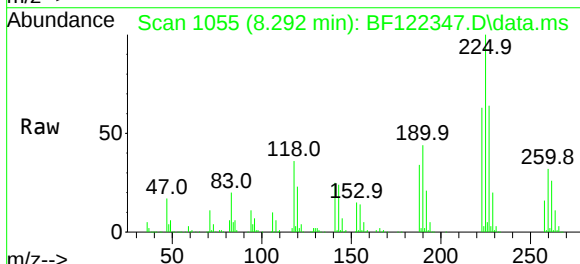
Manual Integrations
APPROVED

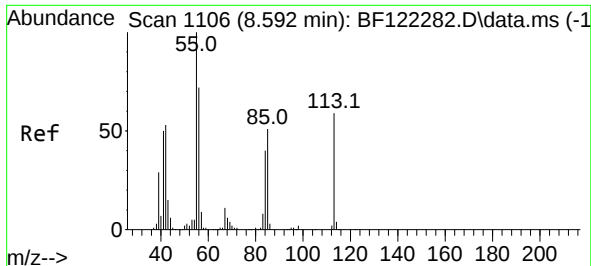
mohammad
11/19/2020 10:28:48 AM



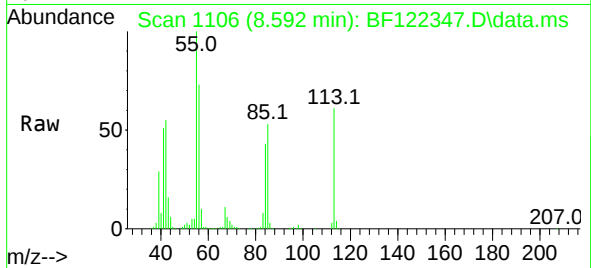
#34
Hexachlorobutadiene
Concen: 45.00 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.1	76.7
227	63.6	51.0	76.6

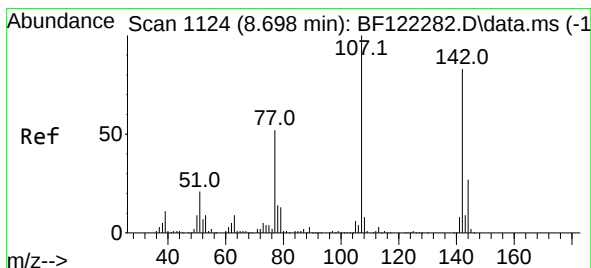
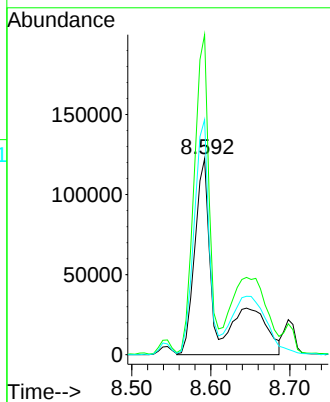
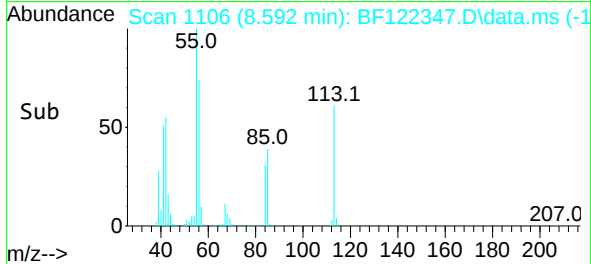




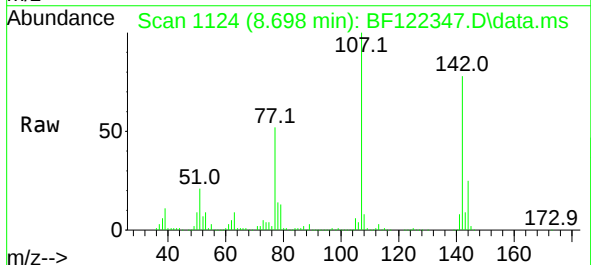
#35
Caprolactam
Concen: 51.53 ng m
RT: 8.592 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



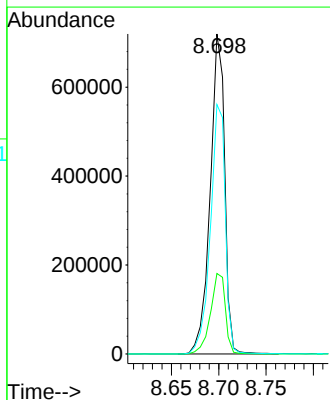
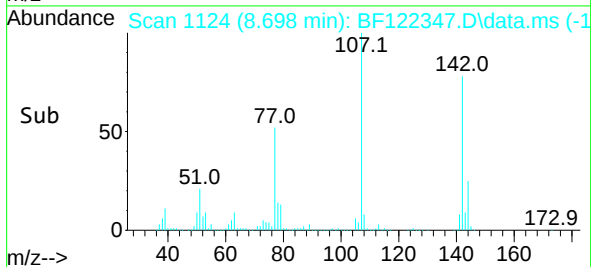
Tgt Ion:113 Resp: 246945
Ion Ratio Lower Upper
113 100
55 163.4 167.5 207.5#
56 120.0 121.2 161.2#



#36
4-Chloro-3-methylphenol
Concen: 48.44 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



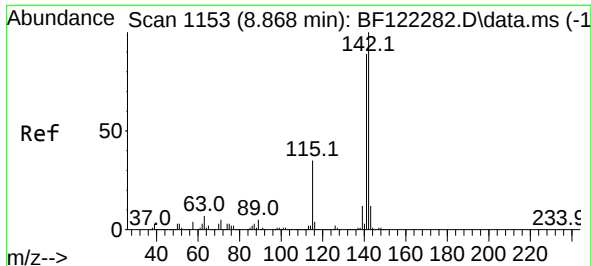
Tgt Ion:107 Resp: 763861
Ion Ratio Lower Upper
107 100
144 25.2 20.1 30.1
142 78.0 59.3 88.9



Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



#37
2-Methylnaphthalene
Concen: 45.13 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.001 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

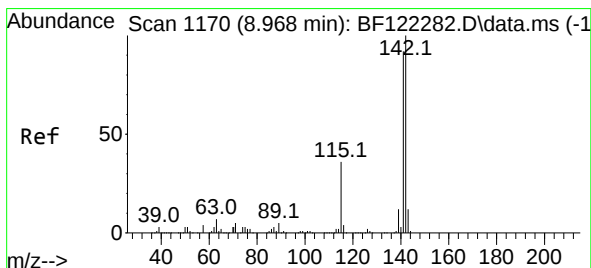
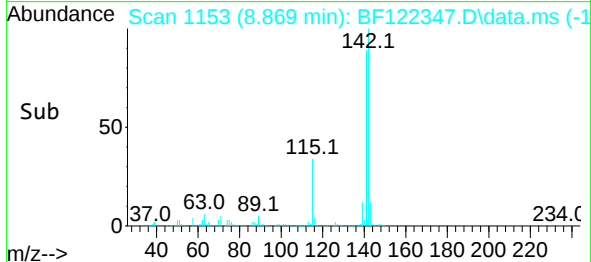
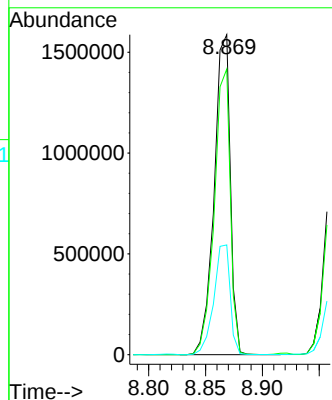
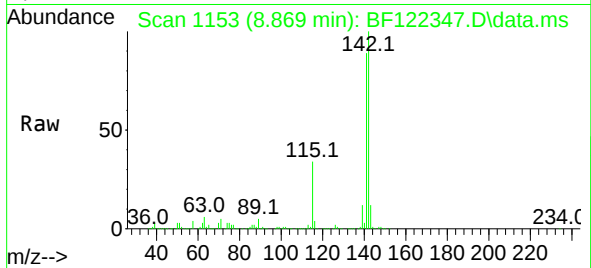
Tgt Ion:142 Resp: 1576034

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.2	105.4
115	34.3	28.6	43.0

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations
APPROVED

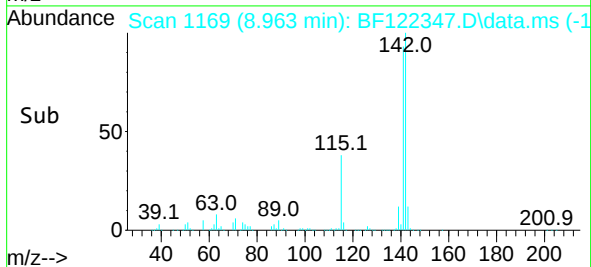
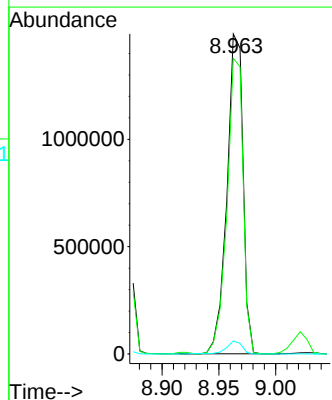
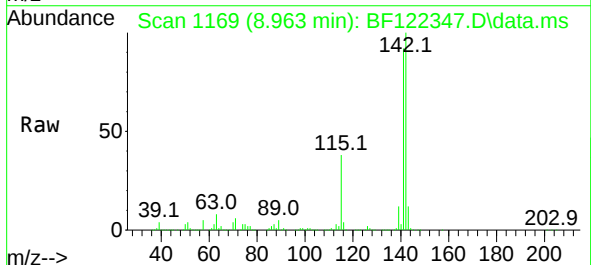
mohammad
11/19/2020 10:28:48 AM

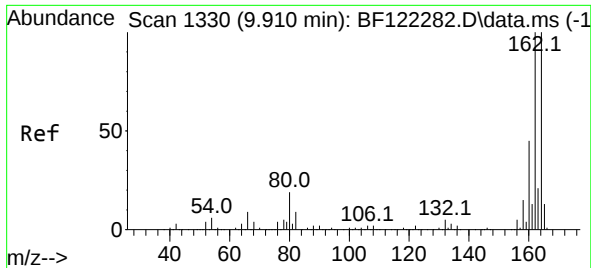


#38
1-Methylnaphthalene
Concen: 44.92 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:142 Resp: 1468507

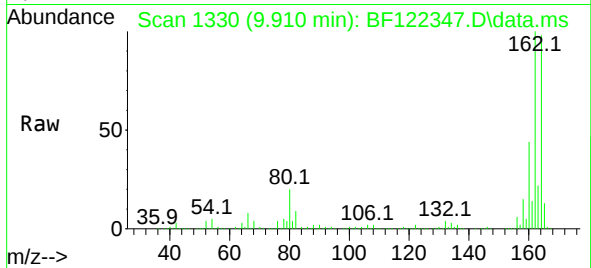
Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.5	111.7
116	4.1	3.2	4.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

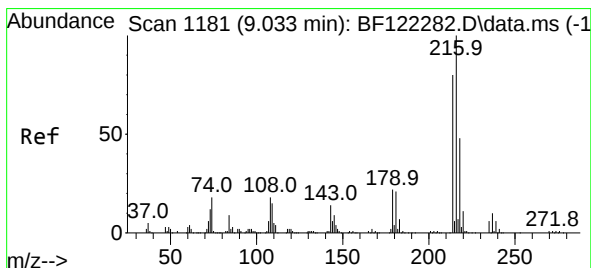
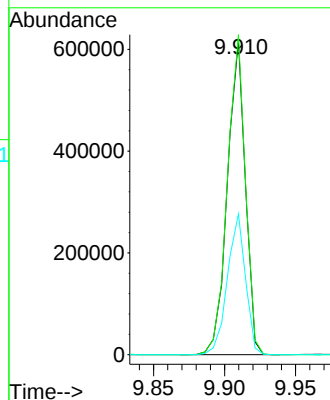
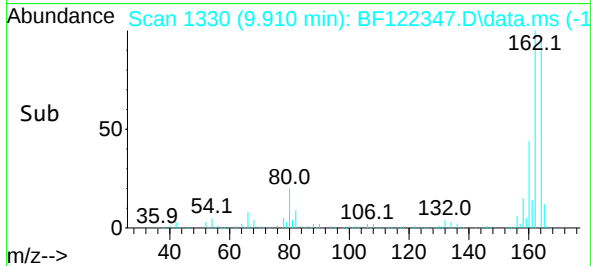
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD



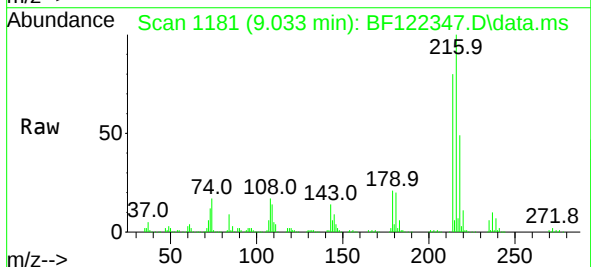
Tgt Ion:164 Resp: 544301
Ion Ratio Lower Upper
164 100
162 101.8 83.2 124.8
160 44.8 37.5 56.3

Manual Integrations
APPROVED

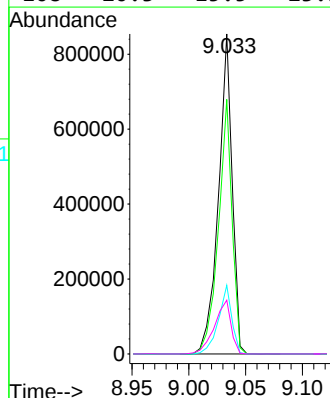
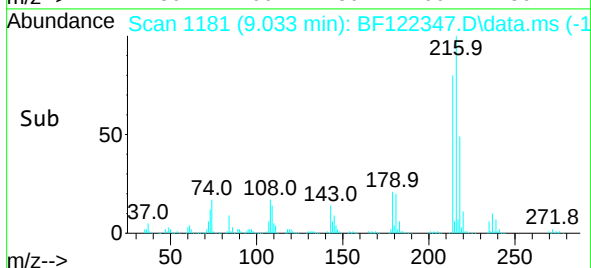
mohammad
11/19/2020 10:28:48 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.85 ng
RT: 9.033 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



Tgt Ion:216 Resp: 718655
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.2
179 21.0 17.0 25.6
108 20.3 15.5 23.3





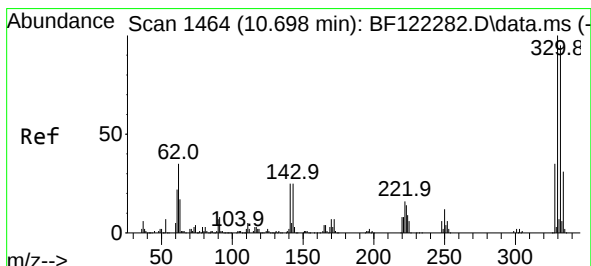
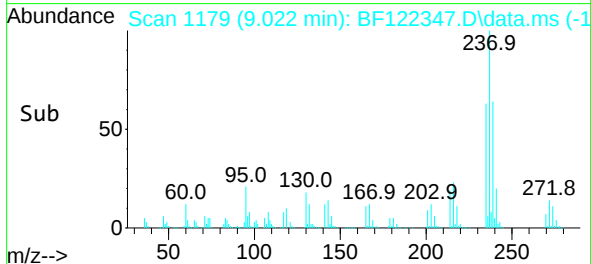
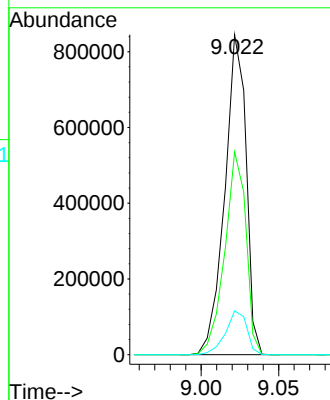
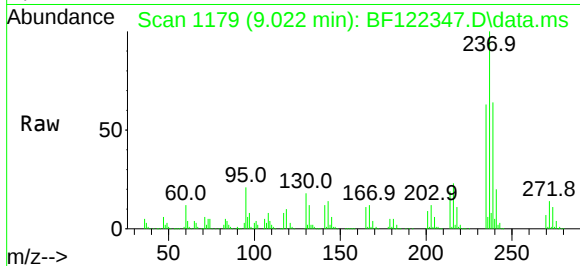
#41
Hexachlorocyclopentadiene
Concen: 82.58 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion: 237 Resp: 809810
Ion Ratio Lower Upper
237 100
235 63.4 41.8 81.8
272 13.7 0.0 33.5

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

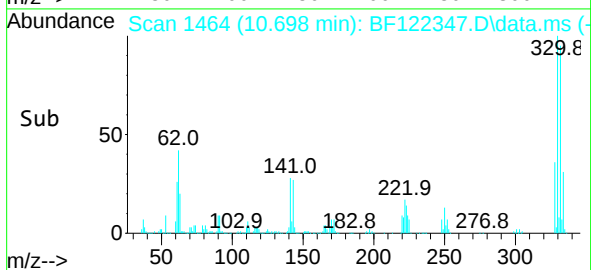
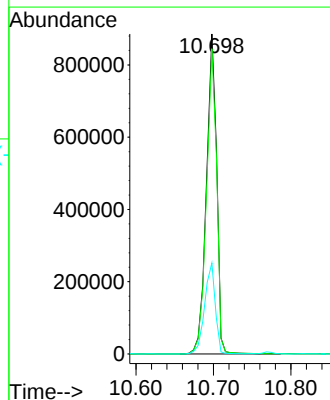
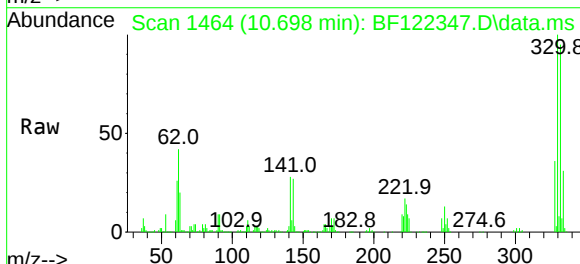
Manual Integrations
APPROVED

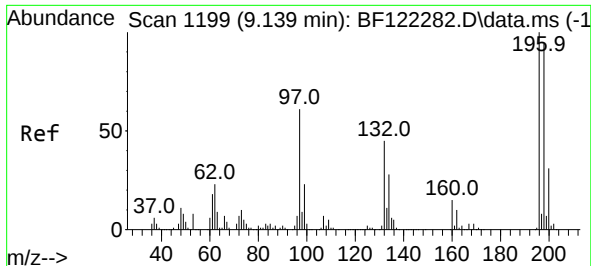
mohammad
11/19/2020 10:28:48 AM



#42
2,4,6-Tribromophenol
Concen: 139.22 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion: 330 Resp: 813278
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 29.7 22.3 33.5





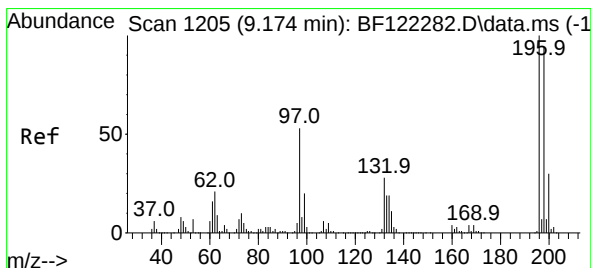
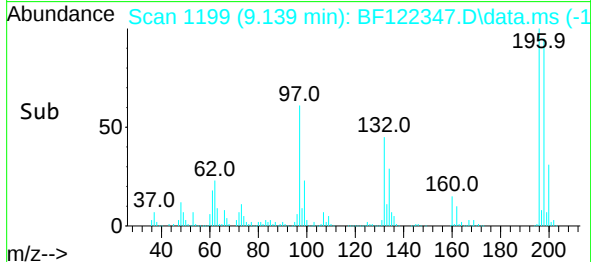
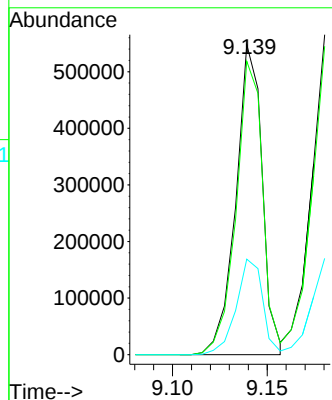
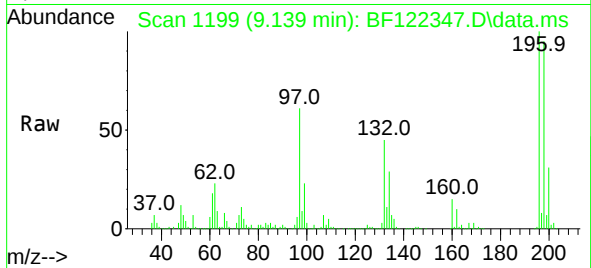
#43
2,4,6-Trichlorophenol
Concen: 48.58 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:196 Resp: 529120
Ion Ratio Lower Upper
196 100
198 94.6 75.8 113.6
200 30.8 24.6 36.8

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

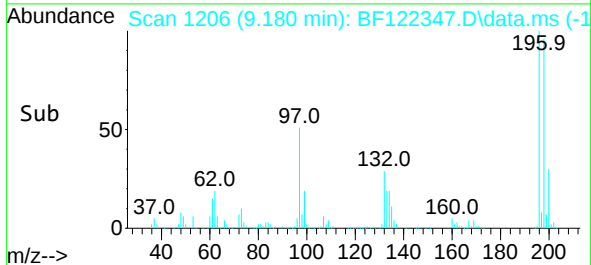
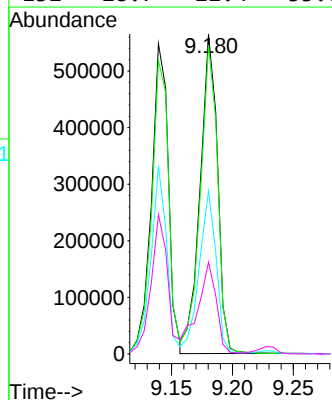
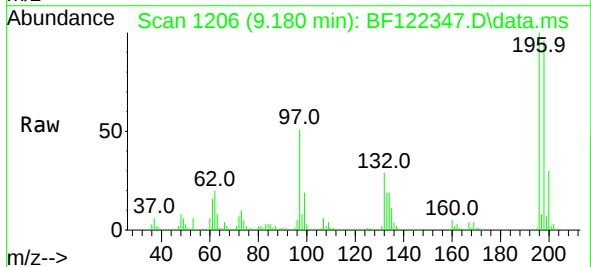
Manual Integrations
APPROVED

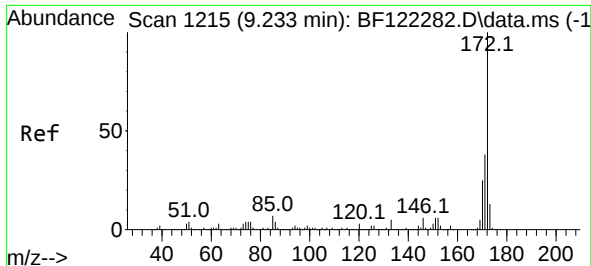
mohammad
11/19/2020 10:28:48 AM



#44
2,4,5-Trichlorophenol
Concen: 49.35 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:196 Resp: 563561
Ion Ratio Lower Upper
196 100
198 96.4 76.1 114.1
97 50.9 41.0 61.6
132 28.7 22.4 33.6





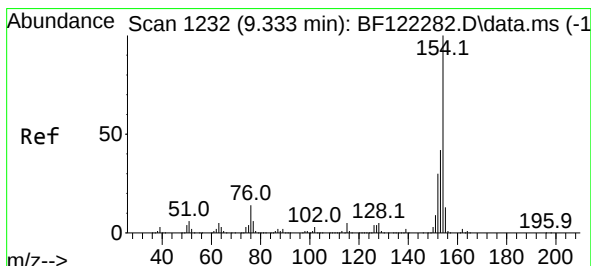
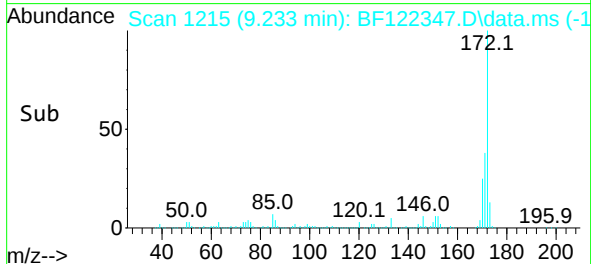
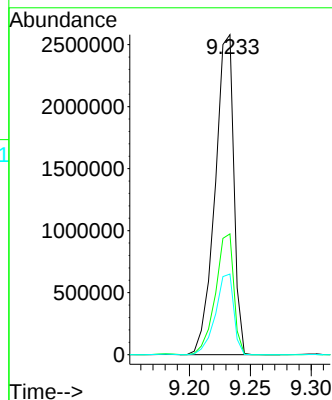
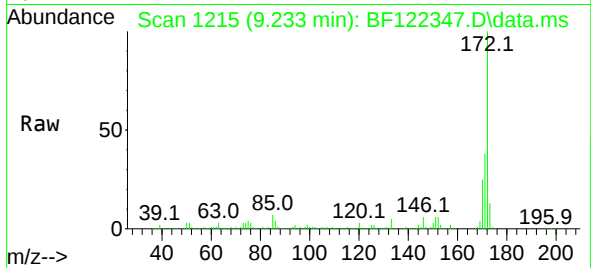
#45
2-Fluorobiphenyl
Concen: 79.51 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:172 Resp: 2769732
Ion Ratio Lower Upper
172 100
171 37.7 29.1 43.7
170 25.2 19.8 29.6

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

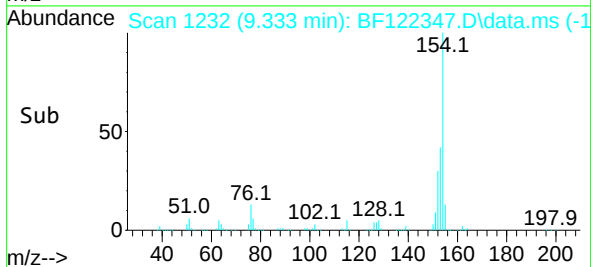
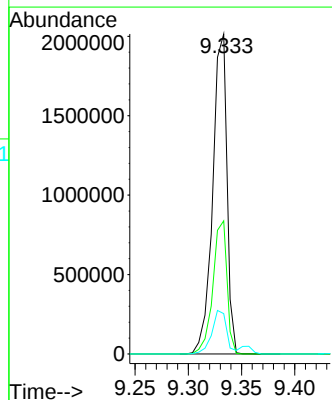
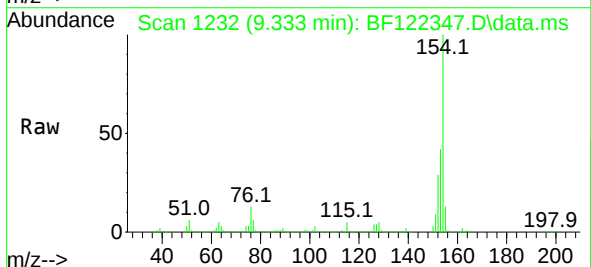
Manual Integrations
APPROVED

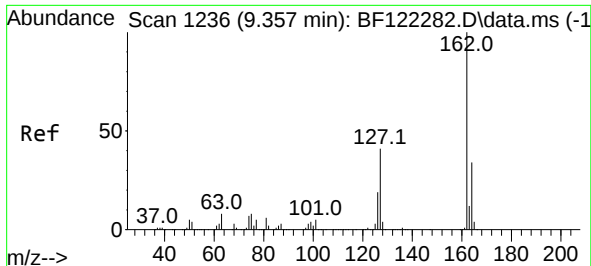
mohammad
11/19/2020 10:28:48 AM



#46
1,1'-Biphenyl
Concen: 43.32 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:154 Resp: 1876904
Ion Ratio Lower Upper
154 100
153 41.6 21.3 61.3
76 12.6 0.0 34.7





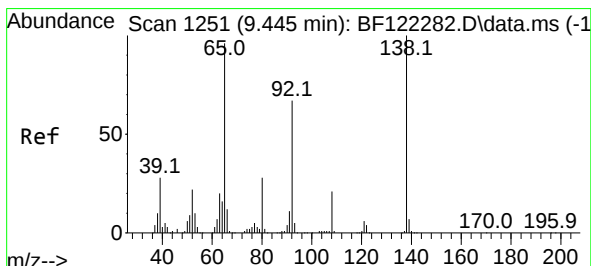
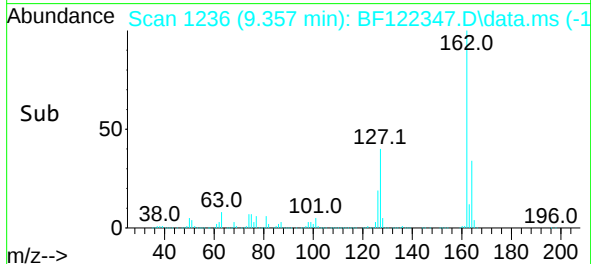
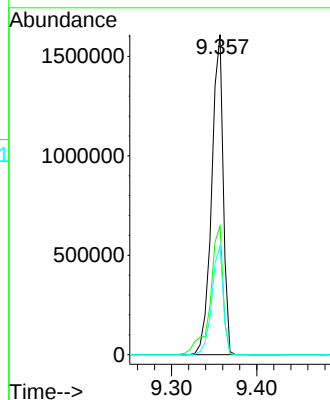
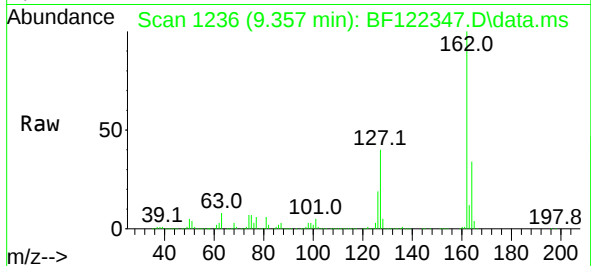
#47
2-Chloronaphthalene
Concen: 44.02 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion: 162 Resp: 1513777
Ion Ratio Lower Upper
162 100
127 40.1 34.4 51.6
164 34.0 26.3 39.5

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

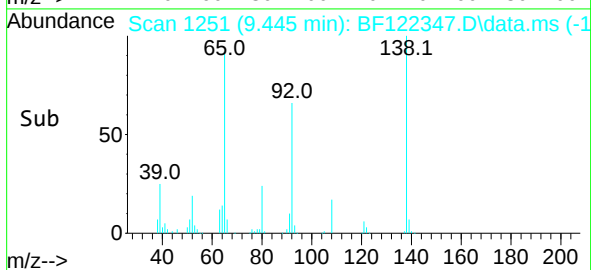
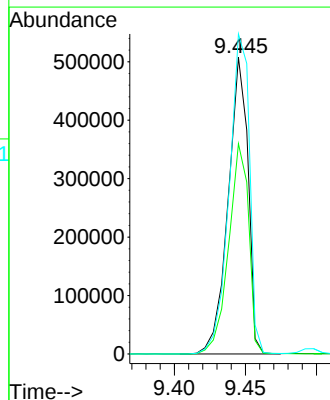
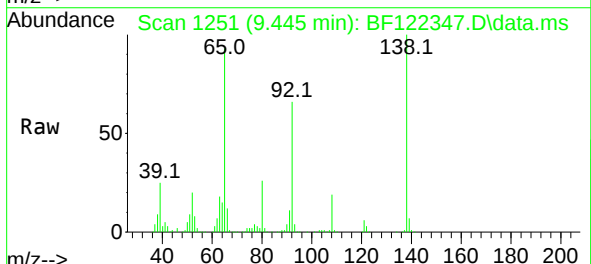
Manual Integrations
APPROVED

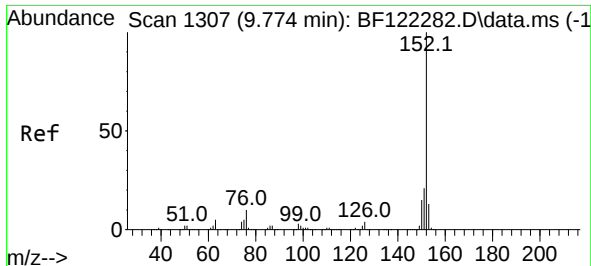
mohammad
11/19/2020 10:28:48 AM



#48
2-Nitroaniline
Concen: 48.07 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion: 65 Resp: 492461
Ion Ratio Lower Upper
65 100
92 70.9 55.1 82.7
138 107.9 80.5 120.7





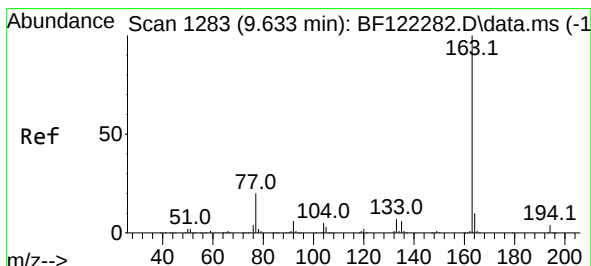
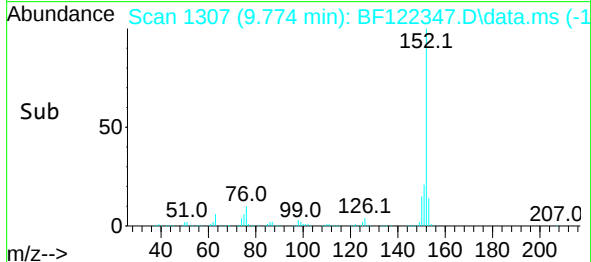
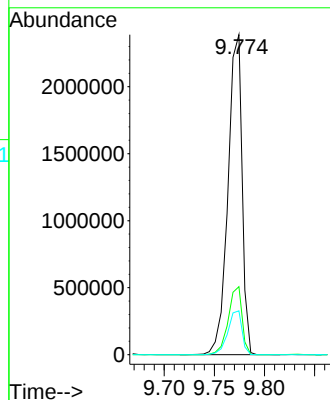
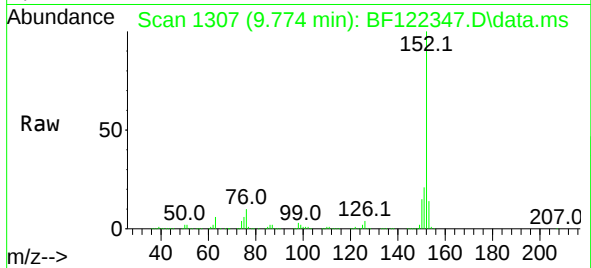
#49
Acenaphthylene
Concen: 44.12 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:152 Resp: 2331690
Ion Ratio Lower Upper
152 100
151 21.3 16.4 24.6
153 13.7 10.6 15.8

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

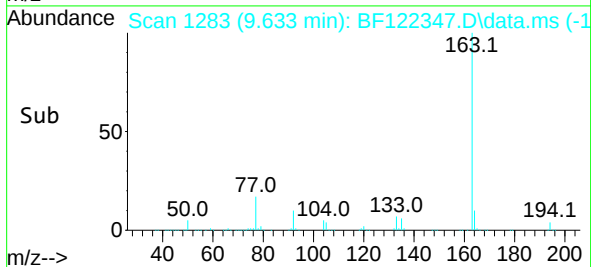
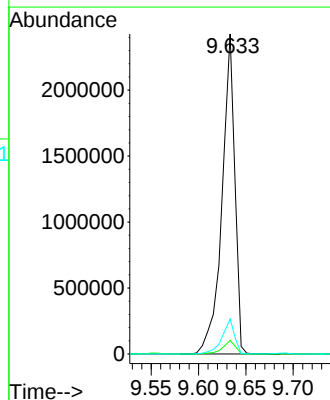
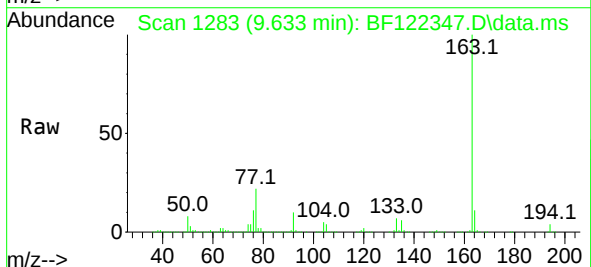
Manual Integrations
APPROVED

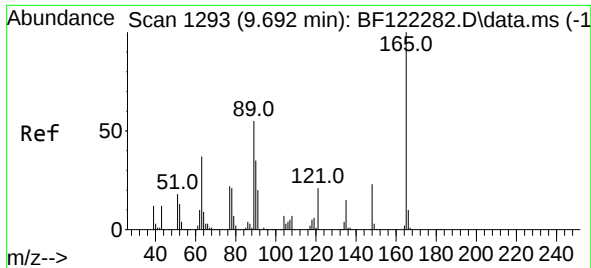
mohammad
11/19/2020 10:28:48 AM



#50
Dimethylphthalate
Concen: 59.22 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:163 Resp: 2291145
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.9 8.2 12.4





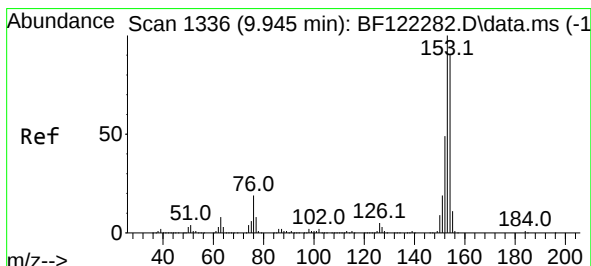
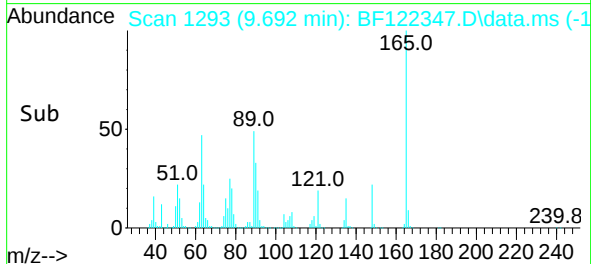
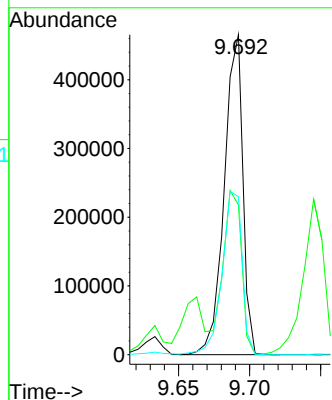
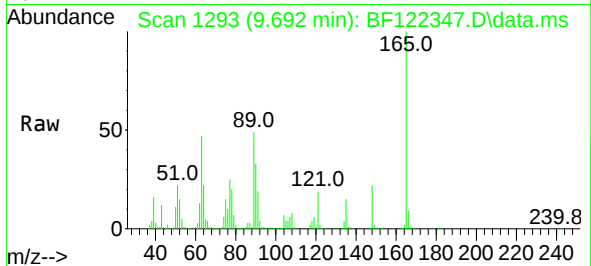
#51
2,6-Dinitrotoluene
Concen: 49.12 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:165 Resp: 423734
Ion Ratio Lower Upper
165 100
63 46.8 51.8 77.6#
89 49.3 49.0 73.6

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

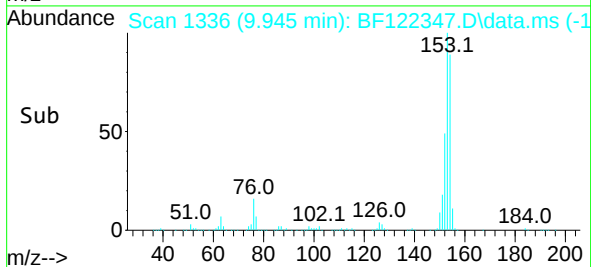
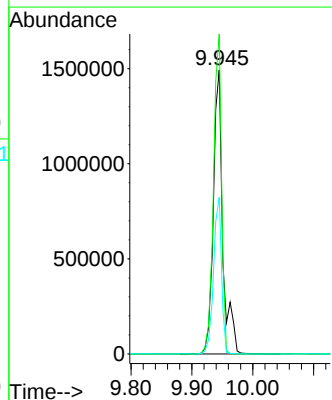
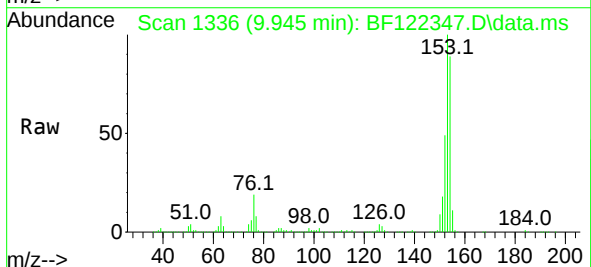
Manual Integrations
APPROVED

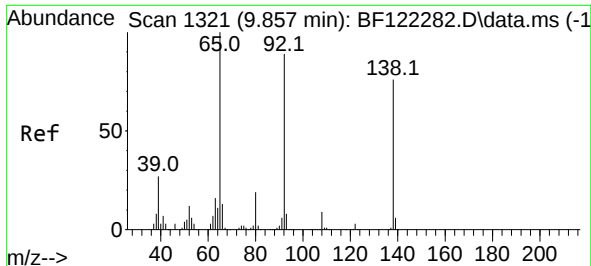
mohammad
11/19/2020 10:28:48 AM



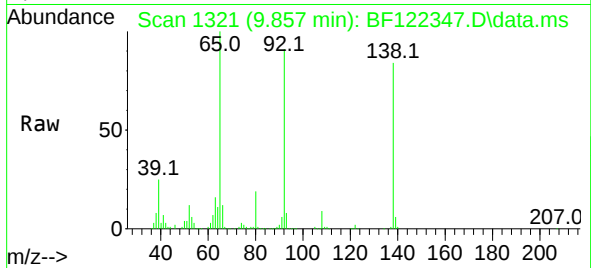
#52
Acenaphthene
Concen: 49.49 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:154 Resp: 1618935
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.8
152 55.2 43.2 64.8

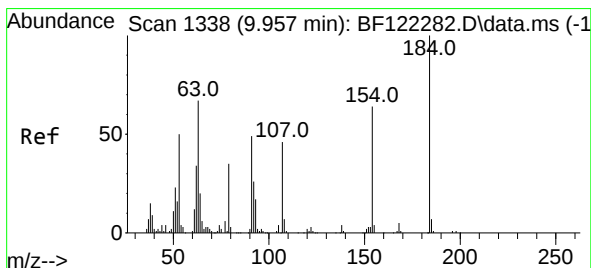
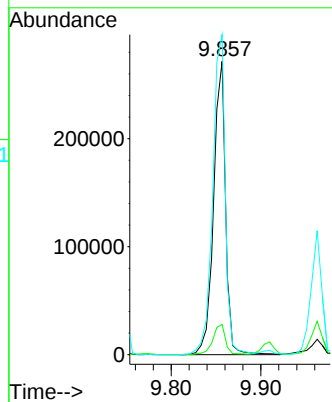
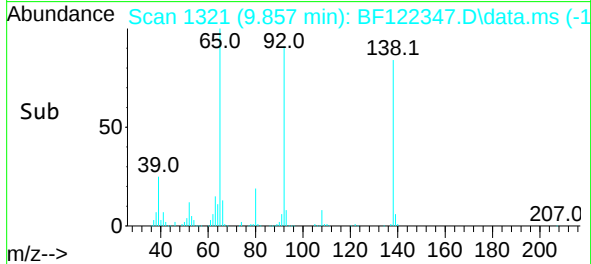




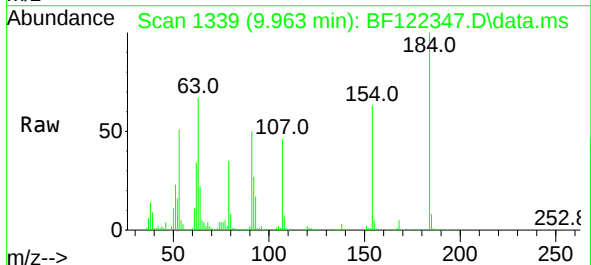
#53
3-Nitroaniline
Concen: 27.42 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



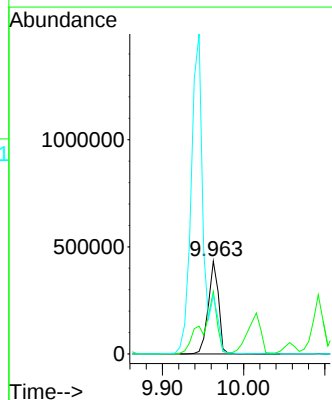
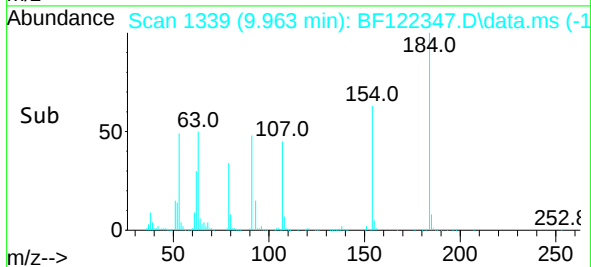
Tgt Ion:138 Resp: 252739
Ion Ratio Lower Upper
138 100
108 10.3 8.6 13.0
92 109.0 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 94.26 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



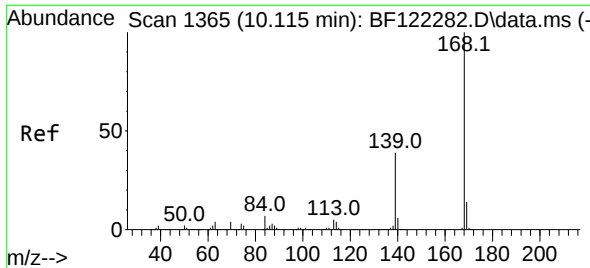
Tgt Ion:184 Resp: 381864
Ion Ratio Lower Upper
184 100
63 67.3 45.9 68.9
154 63.0 45.8 68.6



Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

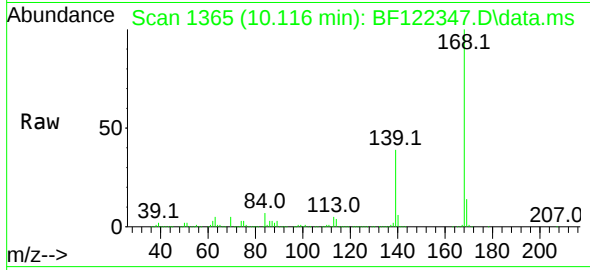
Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



#55
Dibenzenofuran
Concen: 44.56 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.001 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

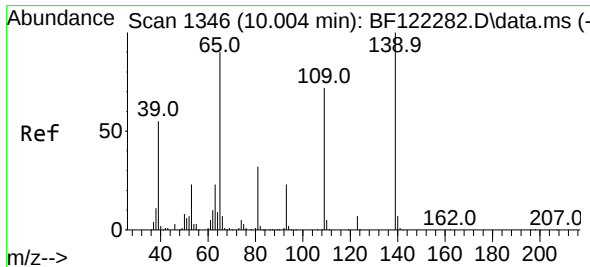
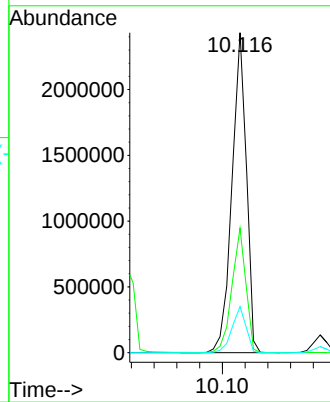
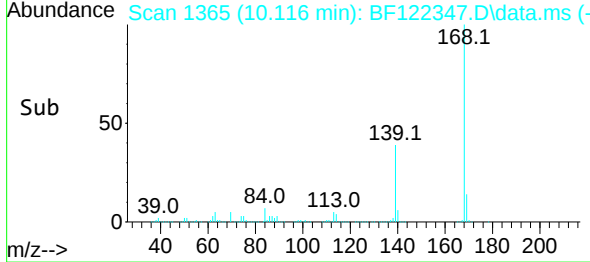
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD



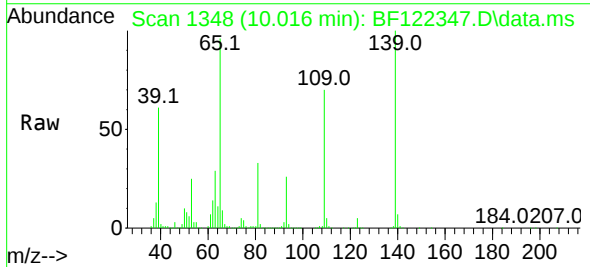
Tgt Ion:168 Resp: 2135660
Ion Ratio Lower Upper
168 100
139 39.0 31.0 46.6
169 14.4 11.3 16.9

Manual Integrations
APPROVED

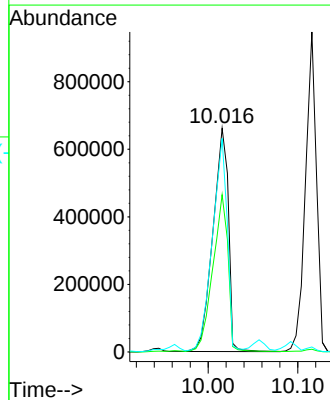
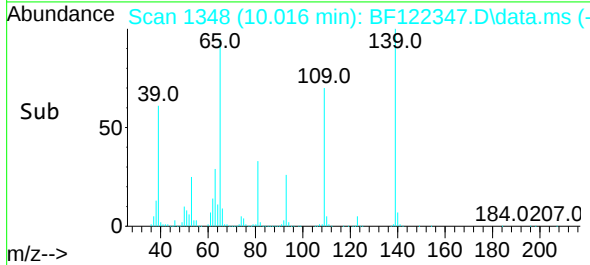
mohammad
11/19/2020 10:28:48 AM

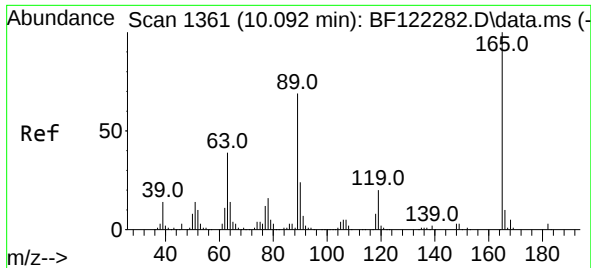


#56
4-Nitrophenol
Concen: 92.67 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.012 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

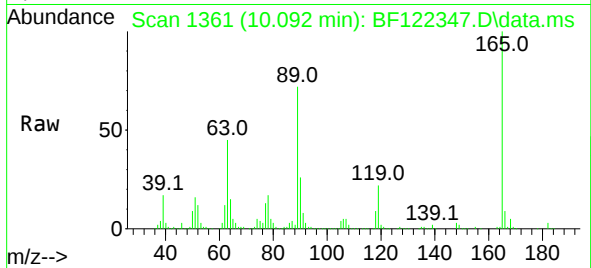


Tgt Ion:139 Resp: 789772
Ion Ratio Lower Upper
139 100
109 70.4 45.4 85.4
65 95.5 68.4 108.4

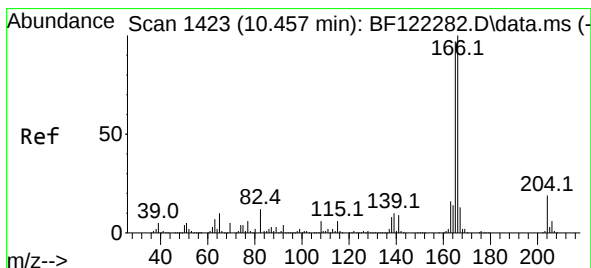
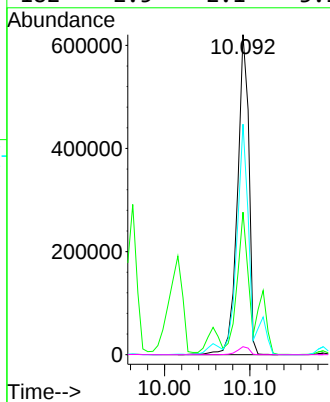
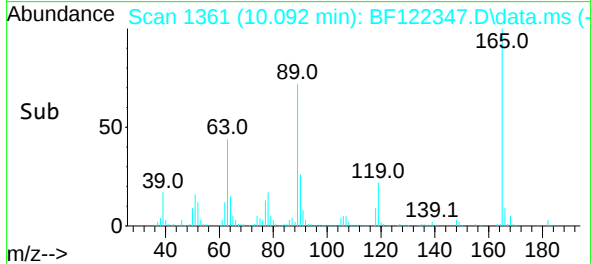




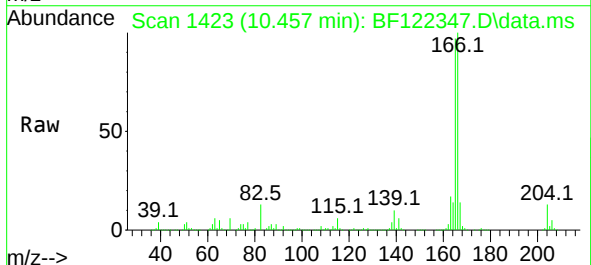
#57
2,4-Dinitrotoluene
Concen: 52.83 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



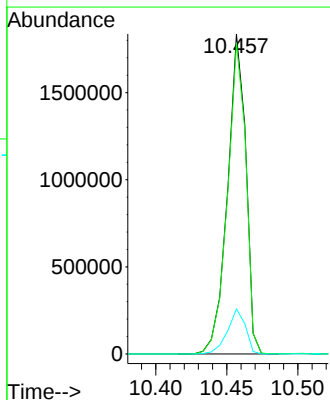
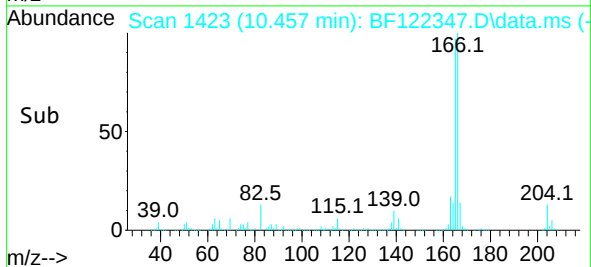
Tgt Ion:165 Resp: 578953
Ion Ratio Lower Upper
165 100
63 44.6 41.3 61.9
89 72.1 61.8 92.8
182 2.5 2.1 3.1



#58
Fluorene
Concen: 44.81 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



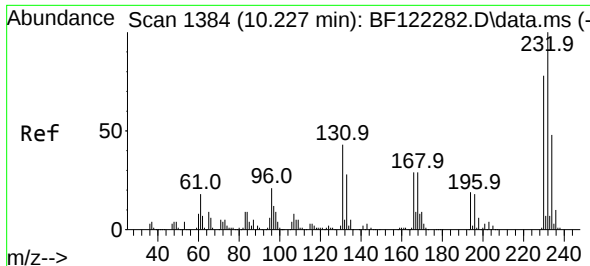
Tgt Ion:166 Resp: 1644515
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 14.1 11.0 16.6



Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



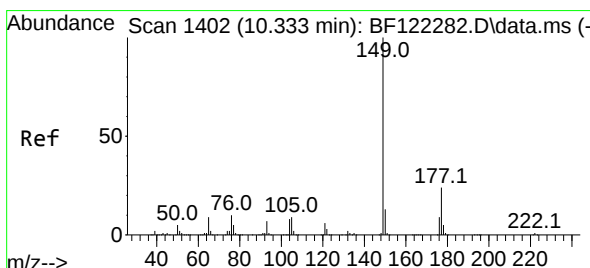
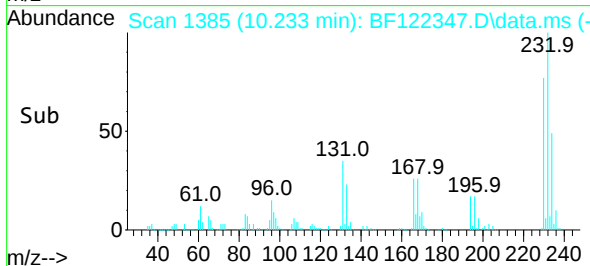
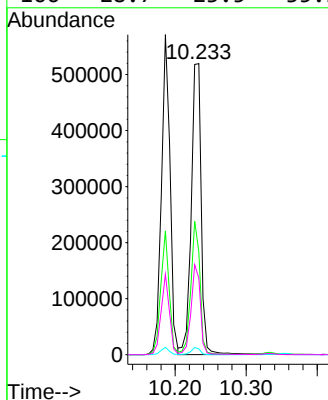
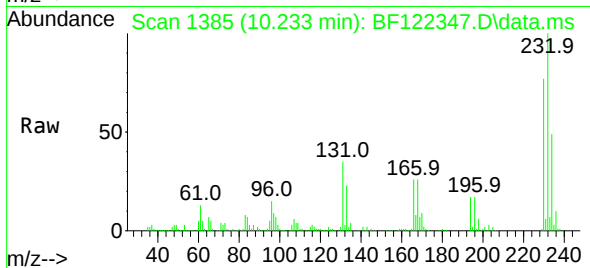
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.35 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:232 Resp: 506622
Ion Ratio Lower Upper
232 100
131 41.6 35.9 53.9
130 2.2 1.8 2.6
166 28.7 23.5 35.3

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

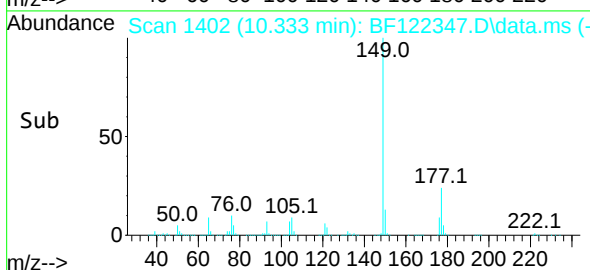
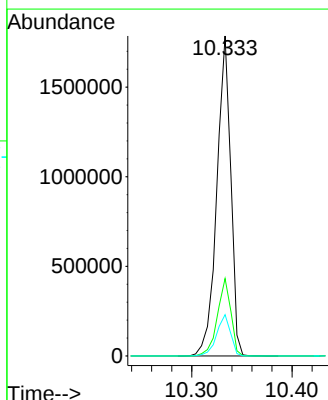
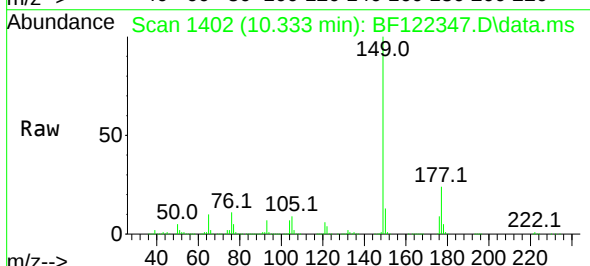
Manual Integrations
APPROVED

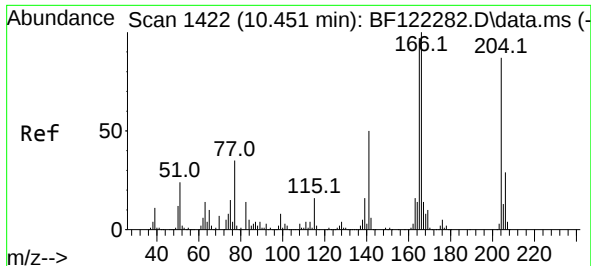
mohammad
11/19/2020 10:28:48 AM



#60
Diethylphthalate
Concen: 45.23 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

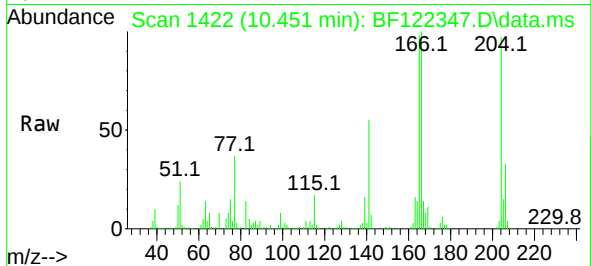
Tgt Ion:149 Resp: 1716746
Ion Ratio Lower Upper
149 100
177 24.2 18.1 27.1
150 12.9 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.95 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

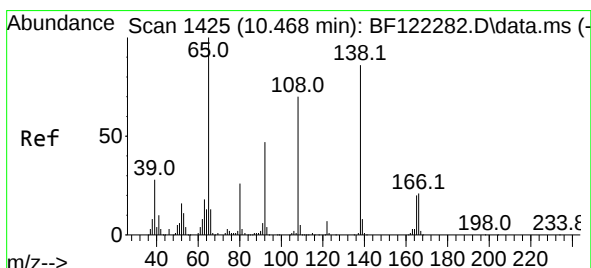
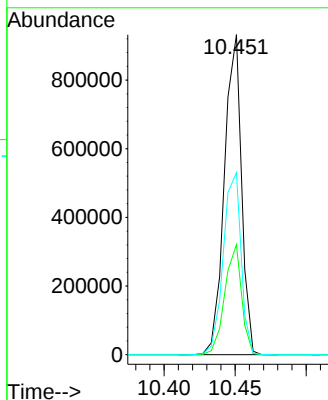
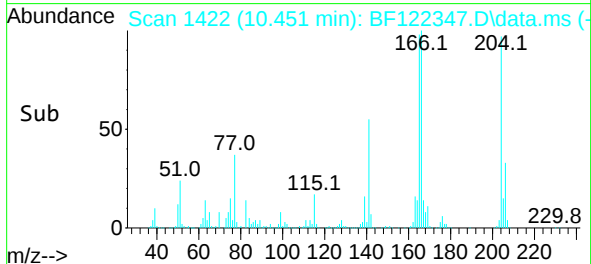
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD



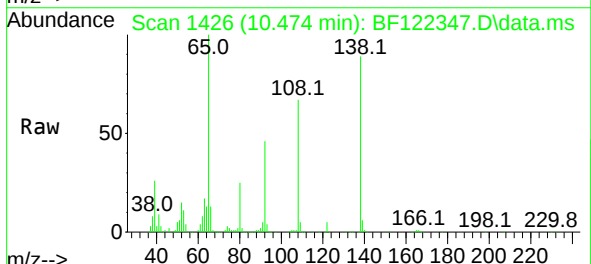
Tgt Ion:204 Resp: 778845
Ion Ratio Lower Upper
204 100
206 34.4 26.0 39.0
141 56.9 46.2 69.4

Manual Integrations
APPROVED

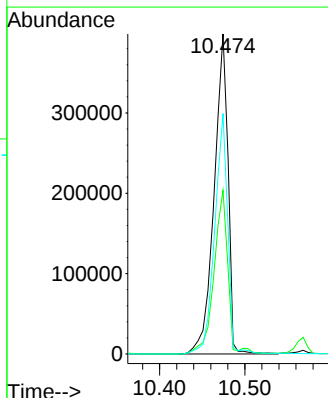
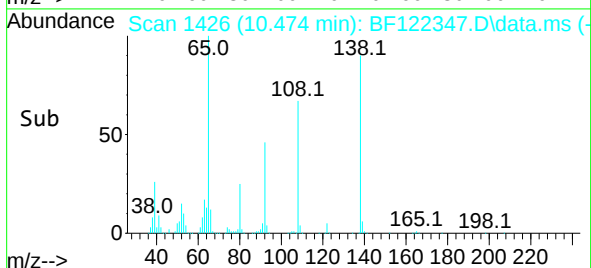
mohammad
11/19/2020 10:28:48 AM



#62
4-Nitroaniline
Concen: 46.95 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



Tgt Ion:138 Resp: 449692
Ion Ratio Lower Upper
138 100
92 51.1 31.0 71.0
108 75.1 51.5 91.5





#63
Azobenzene
Concen: 43.03 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

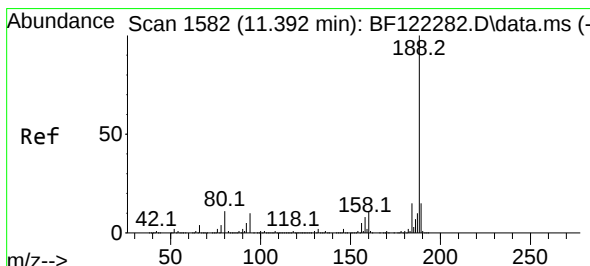
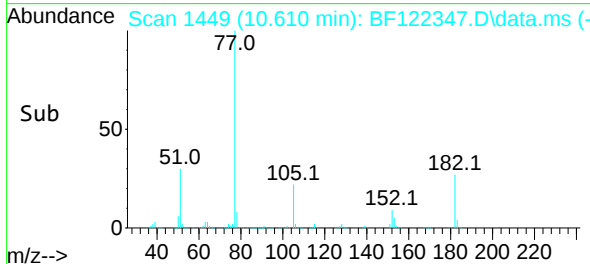
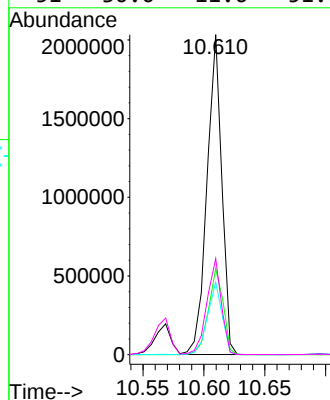
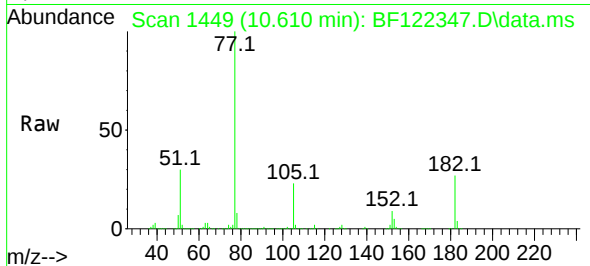
Tgt Ion: 77 Resp: 1713233

Ion	Ratio	Lower	Upper
77	100		
182	27.0	3.4	43.4
105	22.7	1.7	41.7
51	30.0	11.6	51.6

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations
APPROVED

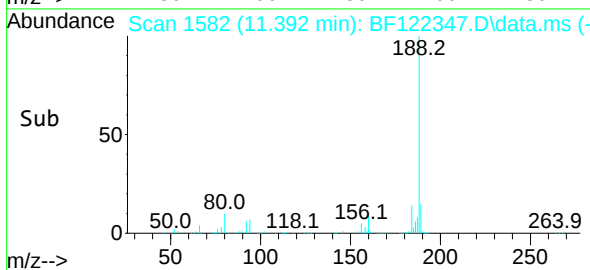
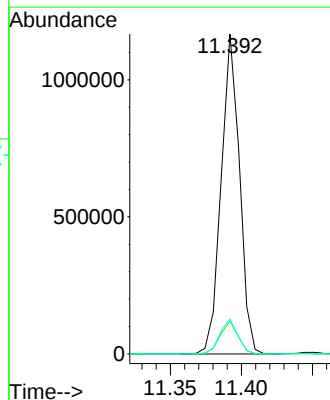
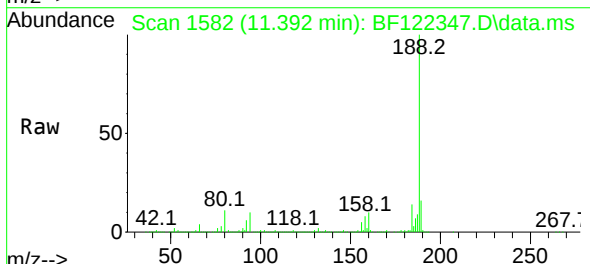
mohammad
11/19/2020 10:28:48 AM

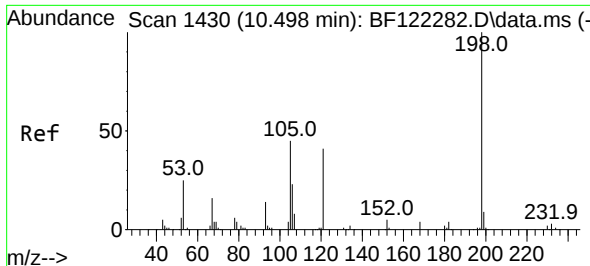


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion: 188 Resp: 1046544

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.3	12.5
80	10.9	9.1	13.7





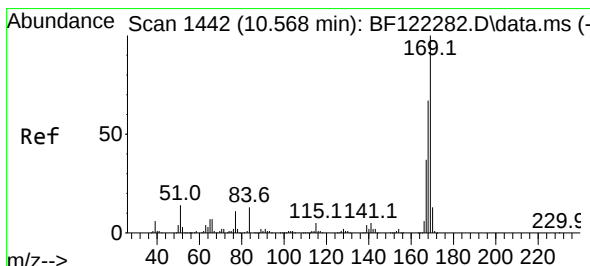
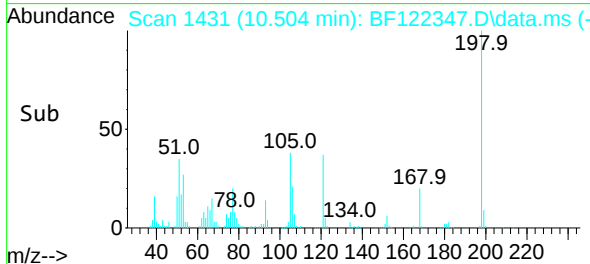
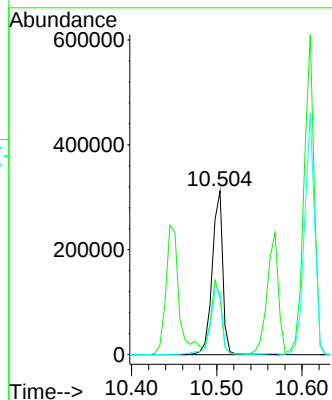
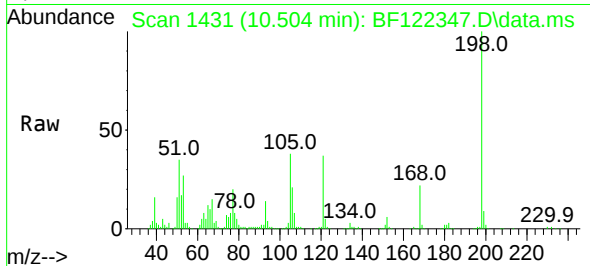
#65
4,6-Dinitro-2-methylphenol
Concen: 55.78 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:198 Resp: 269490
Ion Ratio Lower Upper
198 100
51 35.0 29.6 69.6
105 38.4 24.4 64.4

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

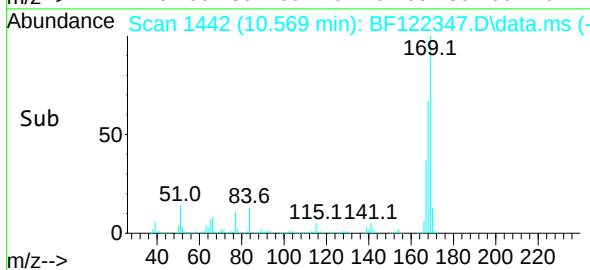
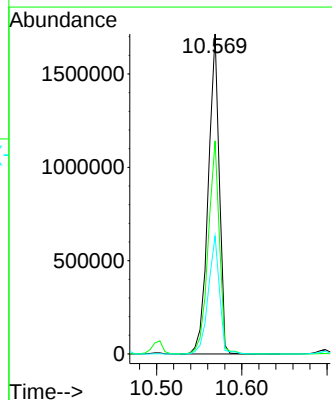
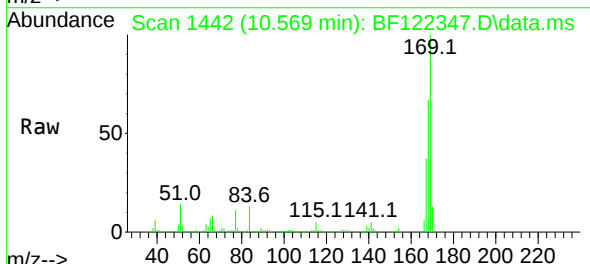
Manual Integrations
APPROVED

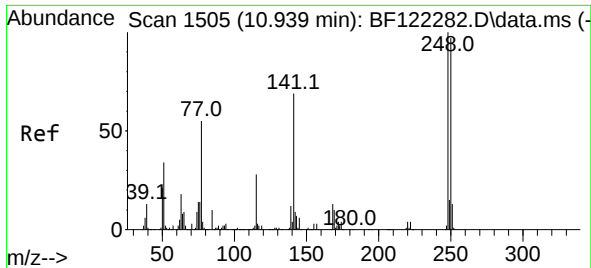
mohammad
11/19/2020 10:28:48 AM



#66
n-Nitrosodiphenylamine
Concen: 43.11 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:169 Resp: 1537273
Ion Ratio Lower Upper
169 100
168 66.6 50.0 75.0
167 36.9 27.8 41.6





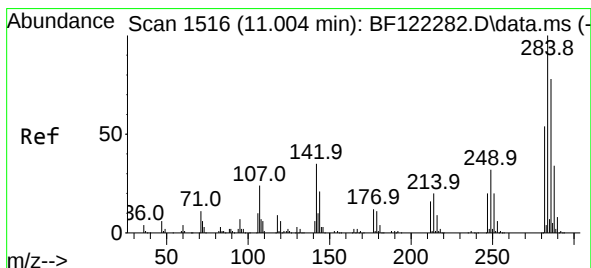
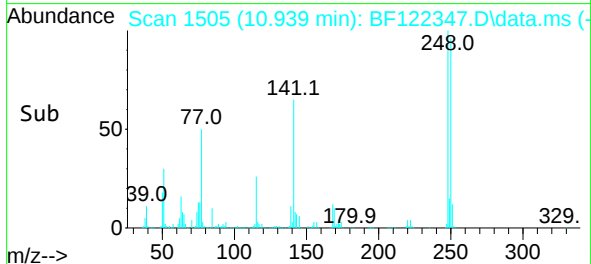
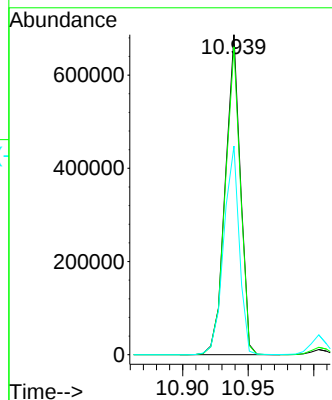
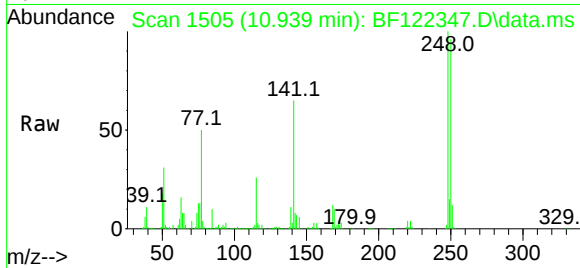
#67
4-Bromophenyl-phenylether
Concen: 44.67 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:248 Resp: 549392
Ion Ratio Lower Upper
248 100
250 96.2 77.0 115.6
141 65.2 53.7 80.5

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

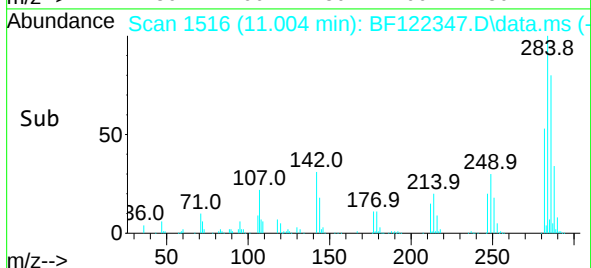
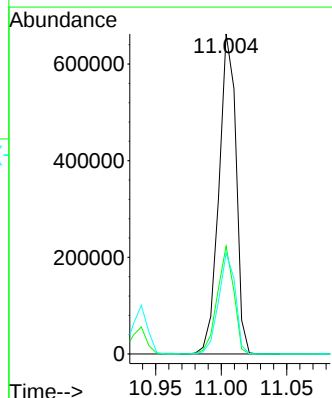
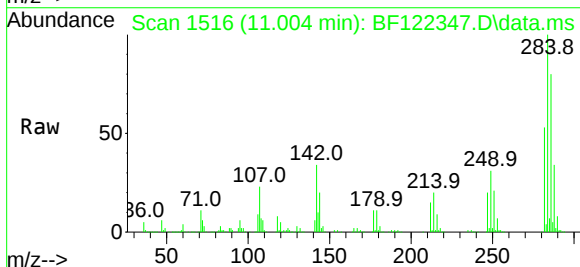
Manual Integrations
APPROVED

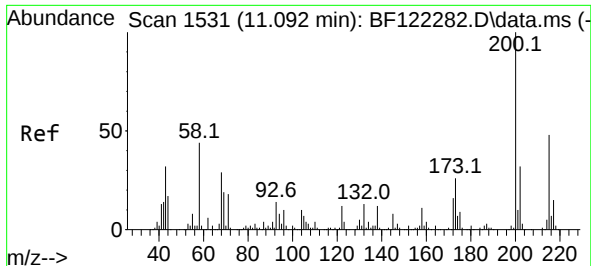
mohammad
11/19/2020 10:28:48 AM



#68
Hexachlorobenzene
Concen: 45.13 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:284 Resp: 599620
Ion Ratio Lower Upper
284 100
142 33.7 27.4 41.2
249 31.5 24.2 36.4





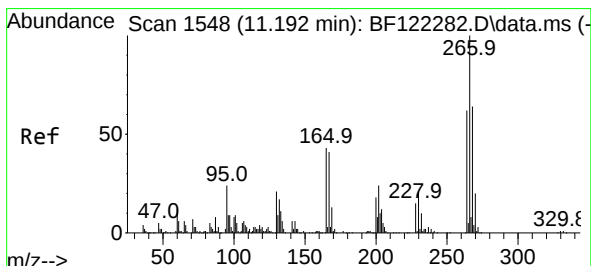
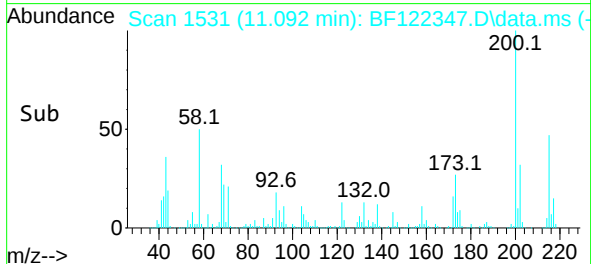
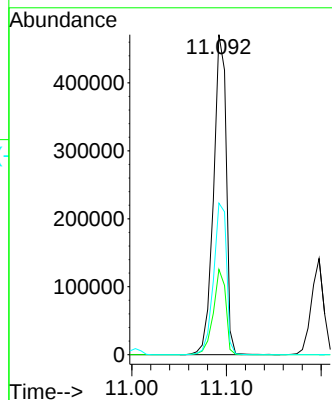
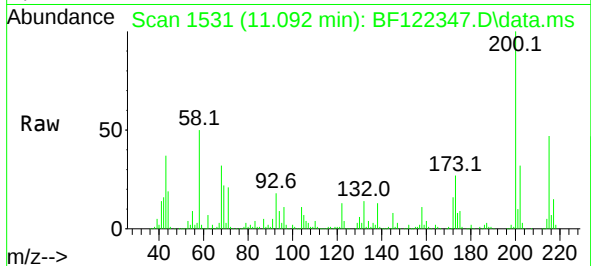
#69
Atrazine
Concen: 49.43 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:200 Resp: 438955
Ion Ratio Lower Upper
200 100
173 26.7 7.5 47.5
215 47.3 27.1 67.1

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

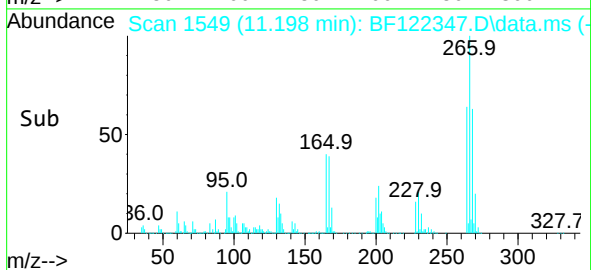
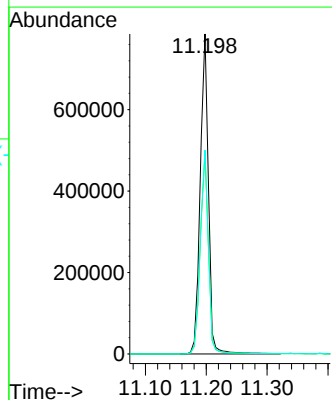
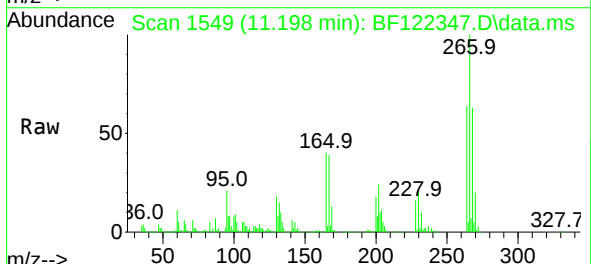
Manual Integrations
APPROVED

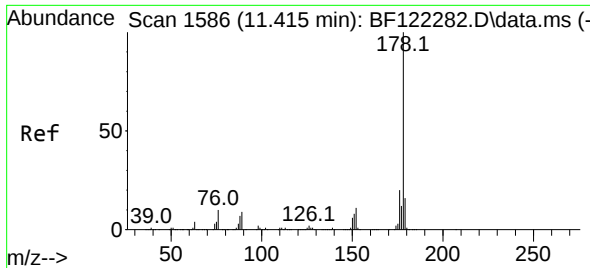
mohammad
11/19/2020 10:28:48 AM



#70
Pentachlorophenol
Concen: 95.95 ng
RT: 11.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:266 Resp: 734546
Ion Ratio Lower Upper
266 100
268 63.0 52.4 78.6
264 63.7 49.9 74.9





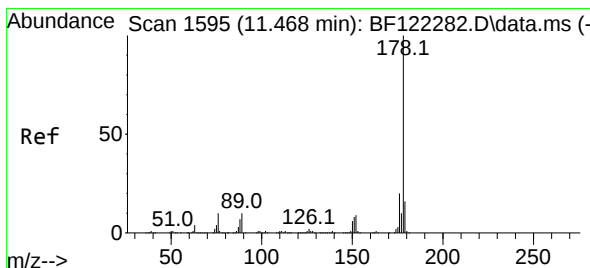
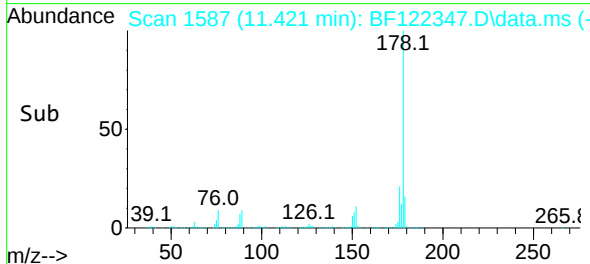
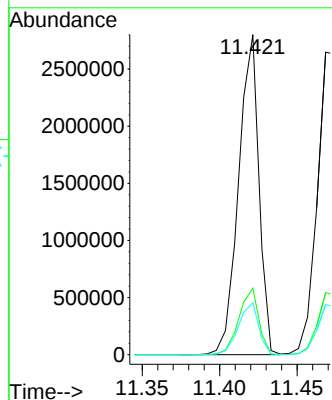
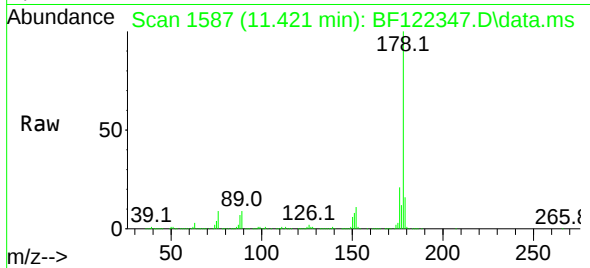
#71
Phenanthrene
Concen: 43.07 ng
RT: 11.421 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:178 Resp: 2557696
Ion Ratio Lower Upper
178 100
176 20.8 15.9 23.9
179 16.2 12.2 18.4

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

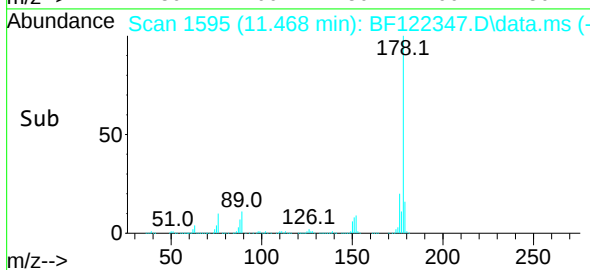
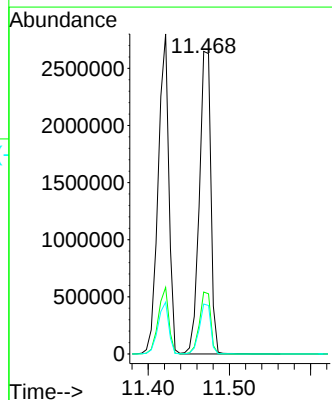
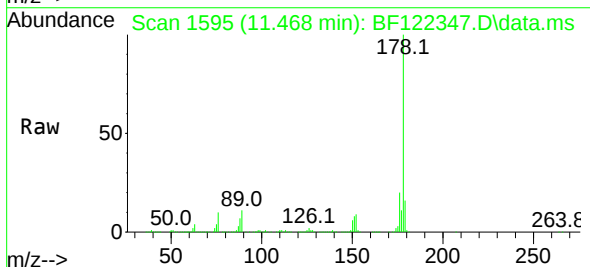
Manual Integrations
APPROVED

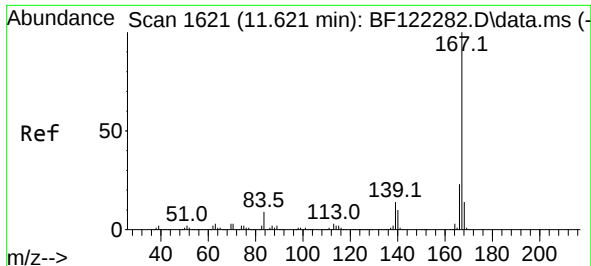
mohammad
11/19/2020 10:28:48 AM



#72
Anthracene
Concen: 42.76 ng
RT: 11.468 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

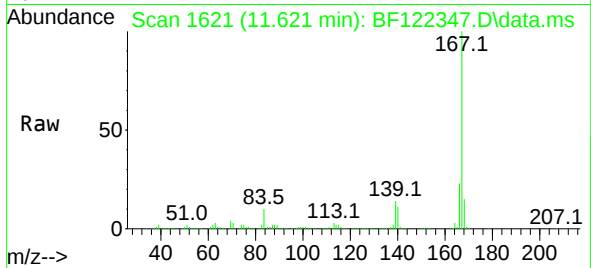
Tgt Ion:178 Resp: 2617033
Ion Ratio Lower Upper
178 100
176 20.5 15.7 23.5
179 16.5 12.7 19.1





#73
 Carbazole
 Concen: 44.38 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF122347.D
 Acq: 17 Nov 2020 15:47

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-33-4-WCMSD

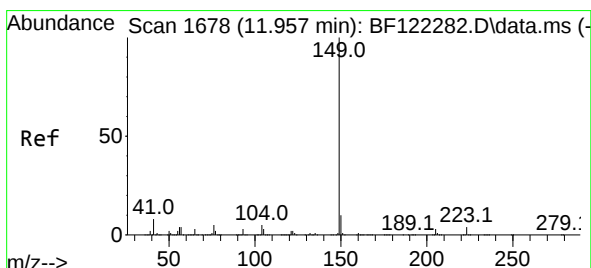
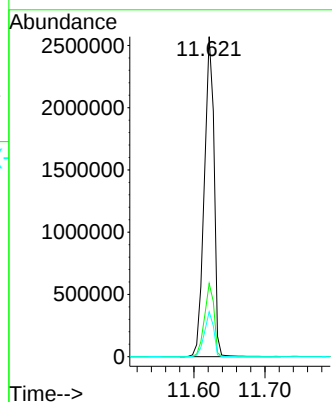
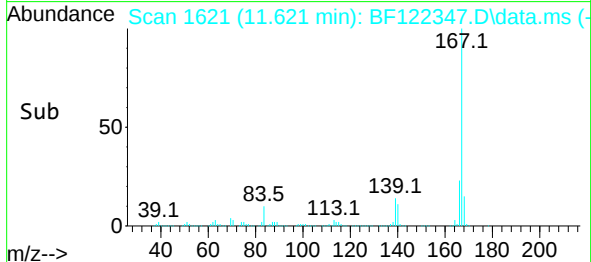


Tgt Ion:167 Resp: 2470736

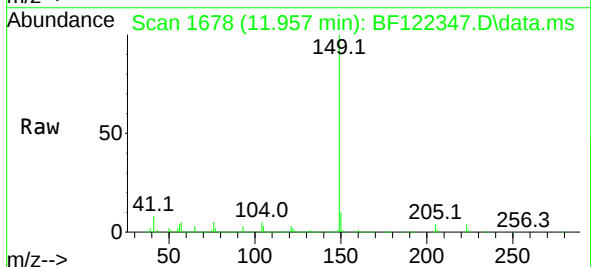
Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.8	26.6
139	14.0	10.8	16.2

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:28:48 AM

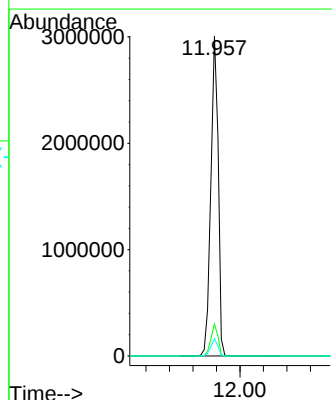
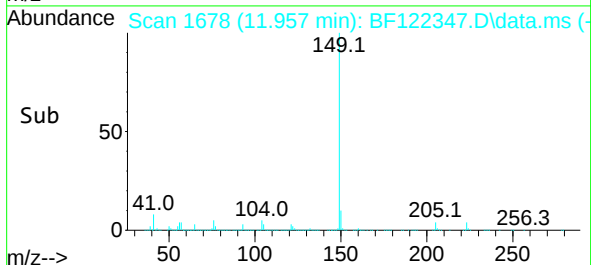


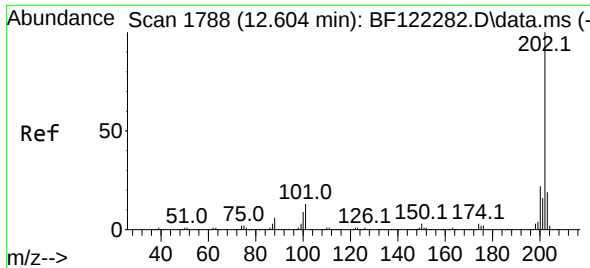
#74
 Di-n-butylphthalate
 Concen: 44.31 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. -0.000 min
 Lab File: BF122347.D
 Acq: 17 Nov 2020 15:47



Tgt Ion:149 Resp: 2629699

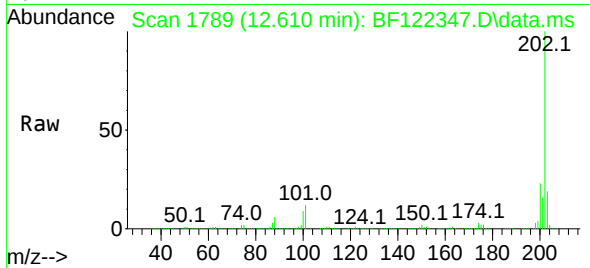
Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.4	4.2	6.2





#75
Fluoranthene
Concen: 44.64 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

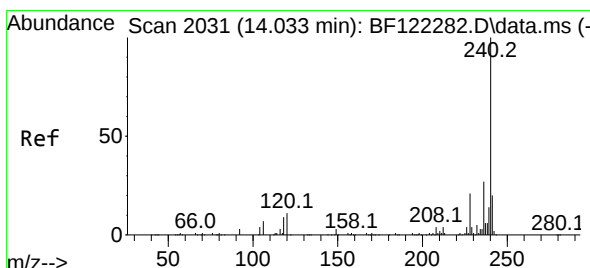
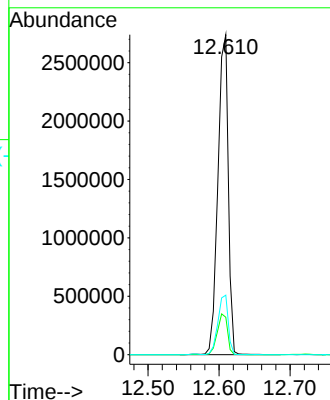
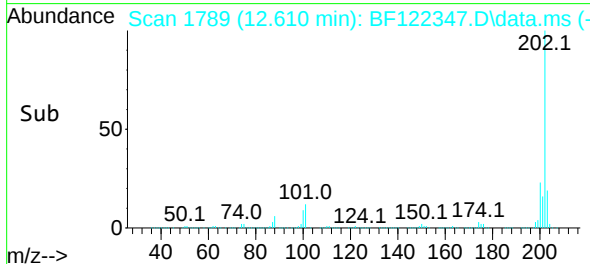
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD



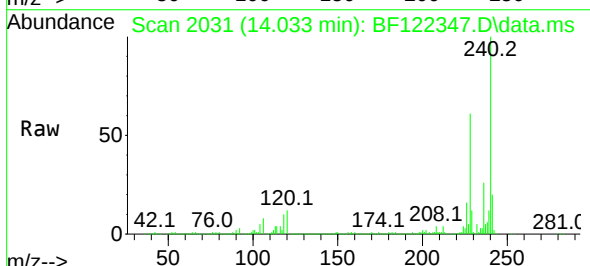
Tgt Ion:202 Resp: 2767265
Ion Ratio Lower Upper
202 100
101 11.7 0.0 33.4
203 18.6 0.0 37.9

Manual Integrations
APPROVED

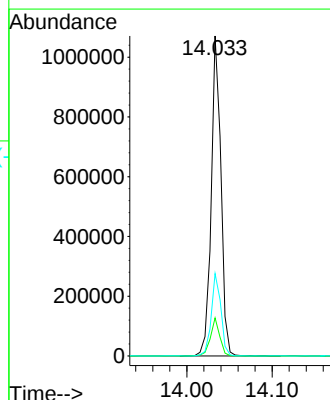
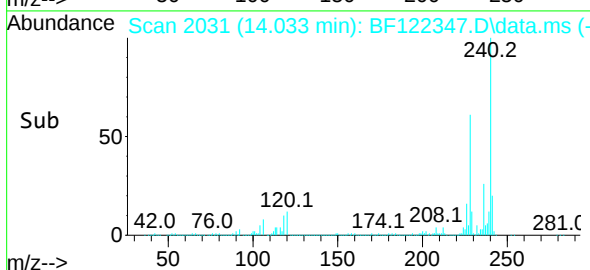
mohammad
11/19/2020 10:28:48 AM

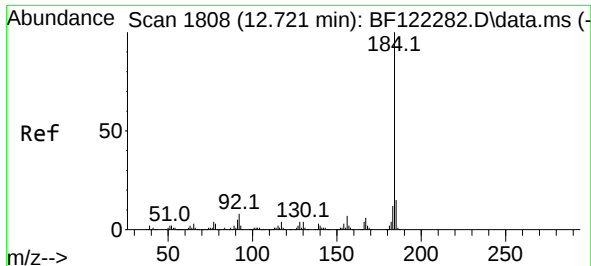


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



Tgt Ion:240 Resp: 844490
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.7 20.9 31.3





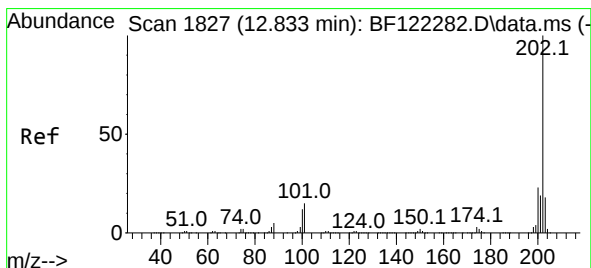
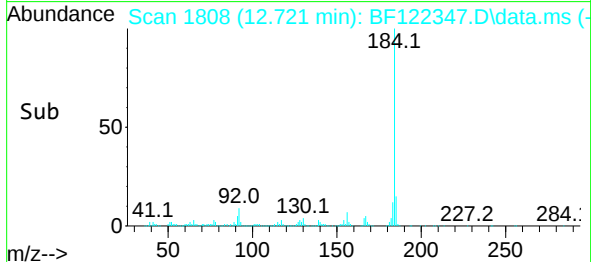
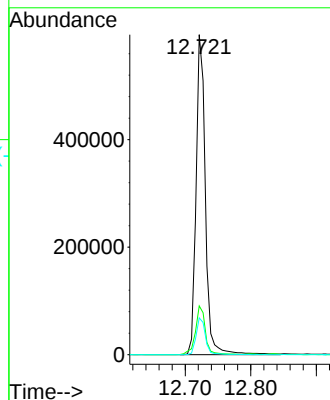
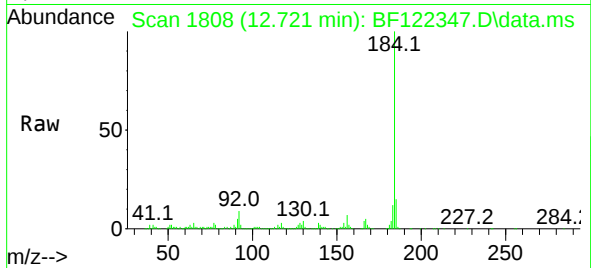
#77
Benzidine
Concen: 25.18 ng
RT: 12.721 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:184 Resp: 589677
Ion Ratio Lower Upper
184 100
185 15.3 11.6 17.4
183 11.5 9.4 14.0

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

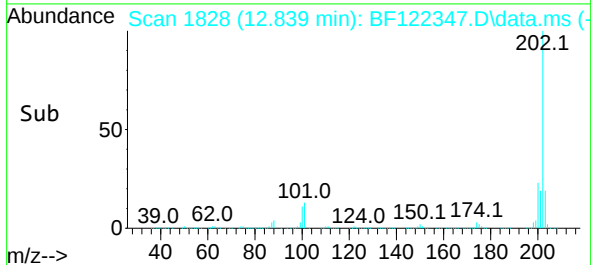
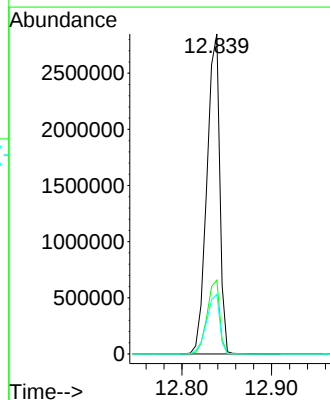
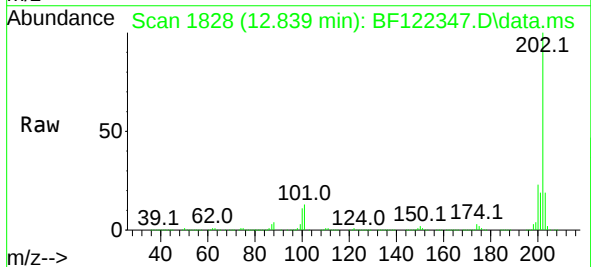
Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



#78
Pyrene
Concen: 47.66 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

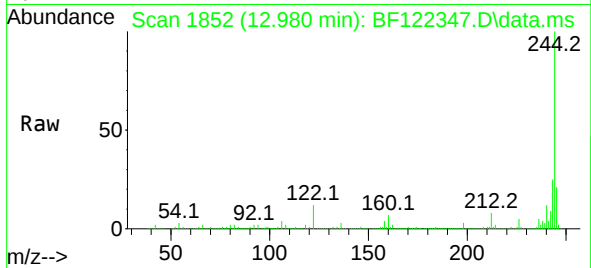
Tgt Ion:202 Resp: 2827543
Ion Ratio Lower Upper
202 100
200 23.1 17.4 26.2
203 18.6 14.6 21.8





#79
Terphenyl-d14
Concen: 78.78 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

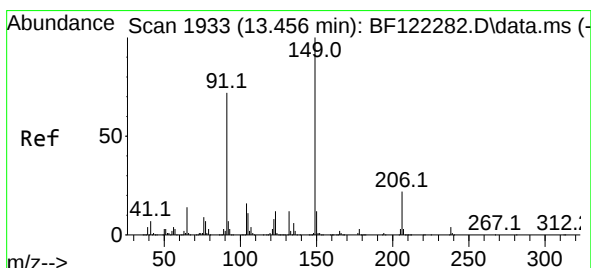
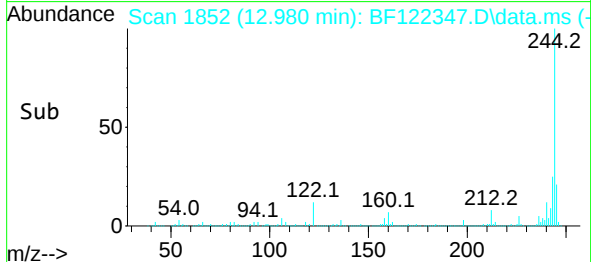
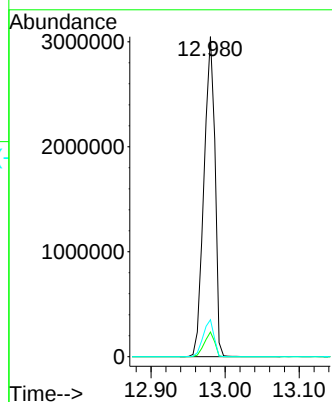
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD



Tgt Ion:244 Resp: 3140191
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 11.5 8.1 12.1

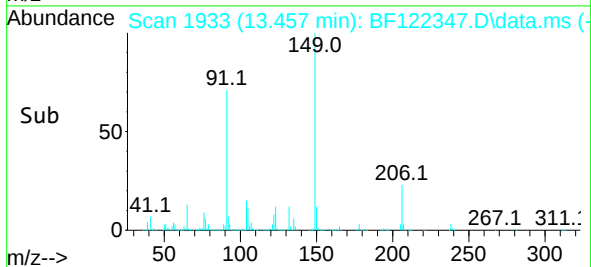
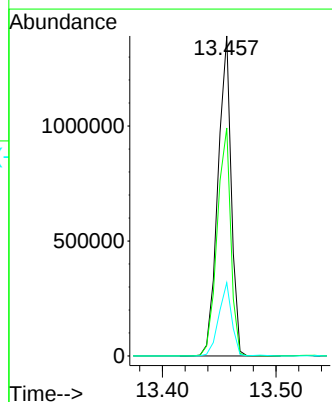
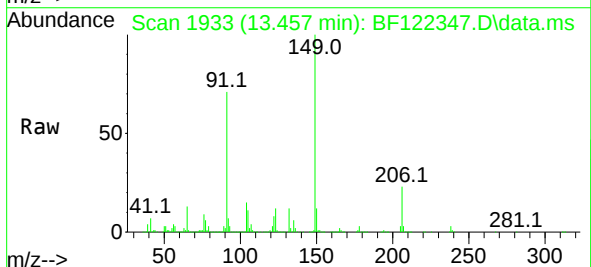
Manual Integrations
APPROVED

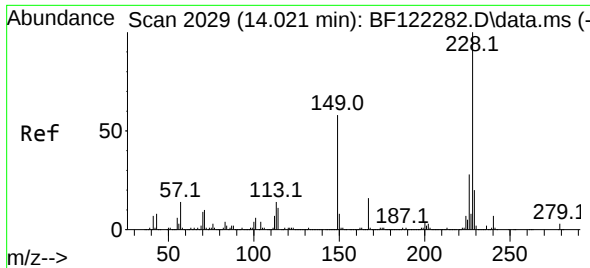
mohammad
11/19/2020 10:28:48 AM



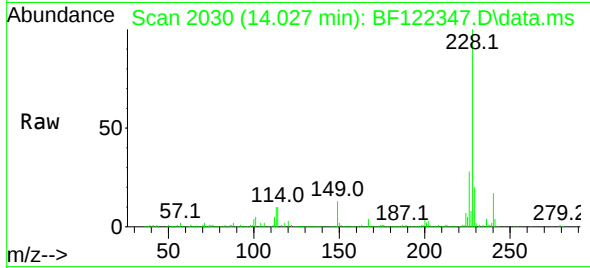
#80
Butylbenzylphthalate
Concen: 47.73 ng
RT: 13.457 min Scan# 1933
Delta R.T. 0.001 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:149 Resp: 1135040
Ion Ratio Lower Upper
149 100
91 71.3 61.0 91.4
206 22.9 16.7 25.1

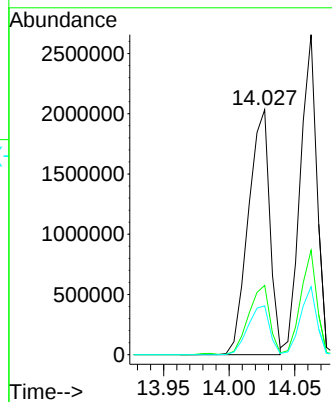
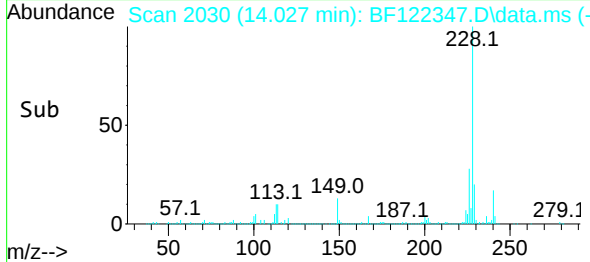




#81
Benzo(a)anthracene
Concen: 43.93 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



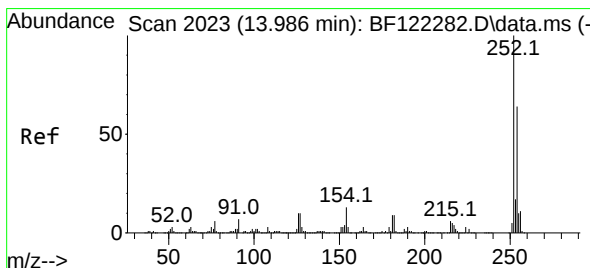
Tgt Ion:228 Resp: 2307325
Ion Ratio Lower Upper
228 100
226 28.3 22.3 33.5
229 19.9 16.2 24.4



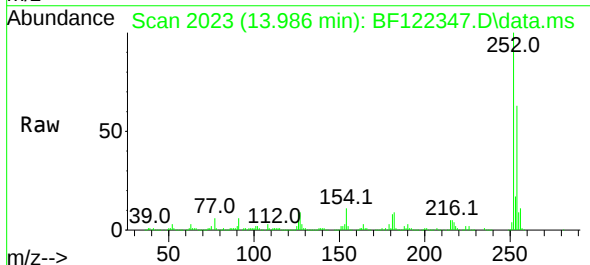
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations
APPROVED

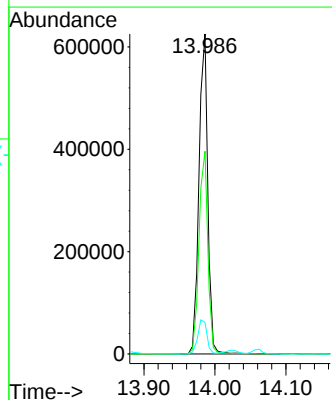
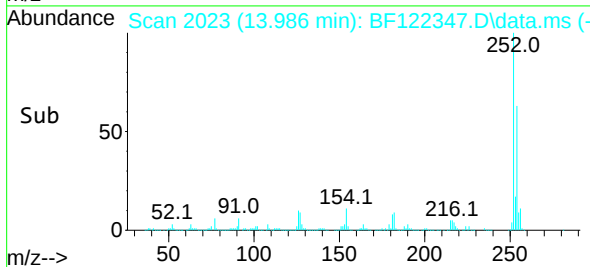
mohammad
11/19/2020 10:28:48 AM

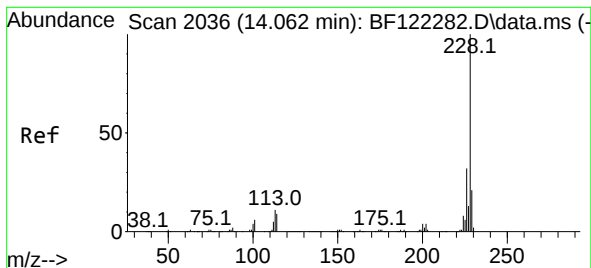


#82
3,3'-Dichlorobenzidine
Concen: 27.58 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



Tgt Ion:252 Resp: 539879
Ion Ratio Lower Upper
252 100
254 63.3 51.8 77.6
126 9.8 8.8 13.2





#83

Chrysene

Concen: 44.34 ng

RT: 14.062 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

Tgt Ion:228 Resp: 2345363

Ion Ratio Lower Upper

228 100

226 32.6 24.6 37.0

229 21.2 15.9 23.9

Instrument :

BNA_F

ClientSampleId :

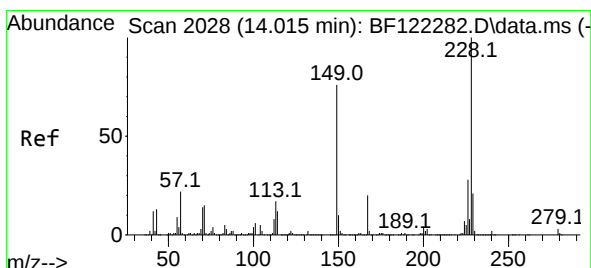
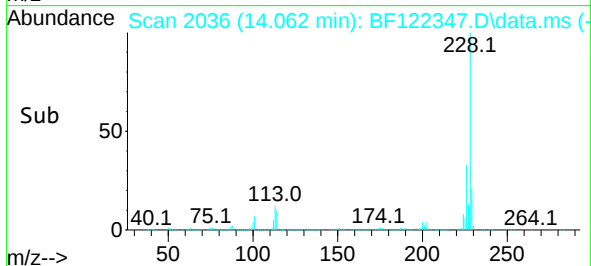
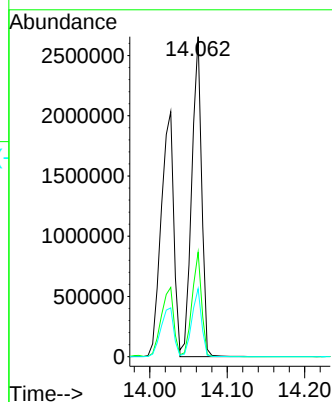
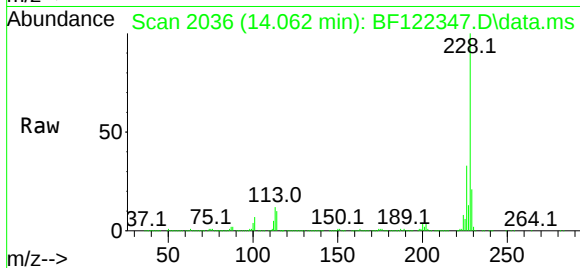
R-LA-33-4-WCMSD

Manual Integrations

APPROVED

mohammad

11/19/2020 10:28:48 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.48 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF122347.D

Acq: 17 Nov 2020 15:47

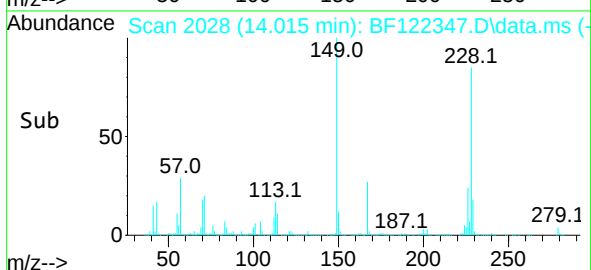
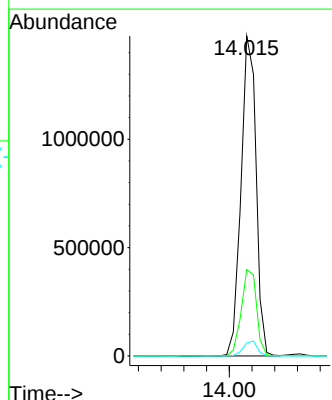
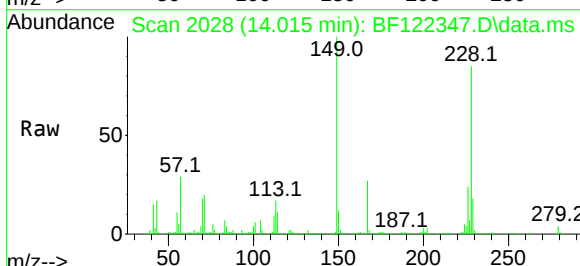
Tgt Ion:149 Resp: 1358323

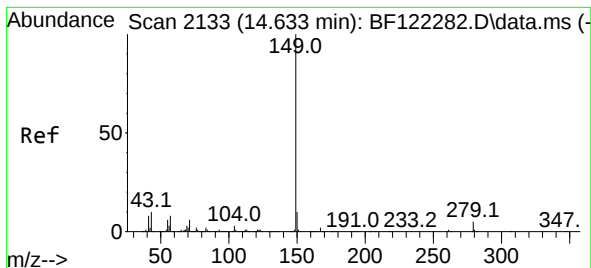
Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

279 4.1 3.2 4.8





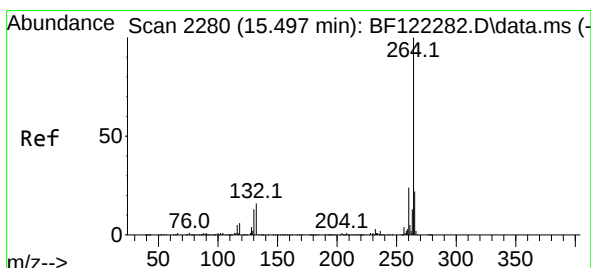
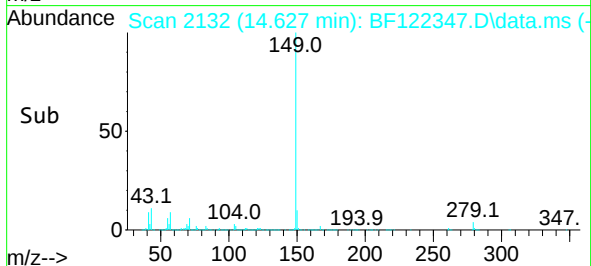
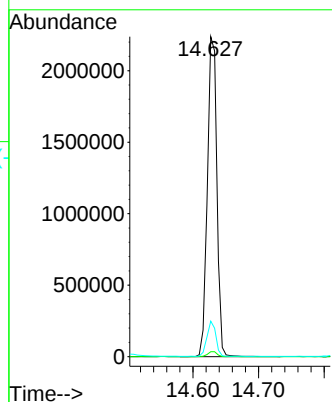
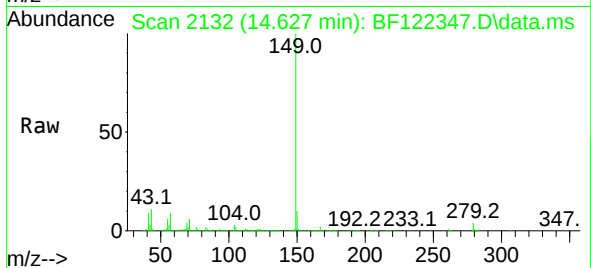
#85
Di-n-octyl phthalate
Concen: 46.66 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

Tgt Ion:149 Resp: 2262045
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 9.0 13.6

Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

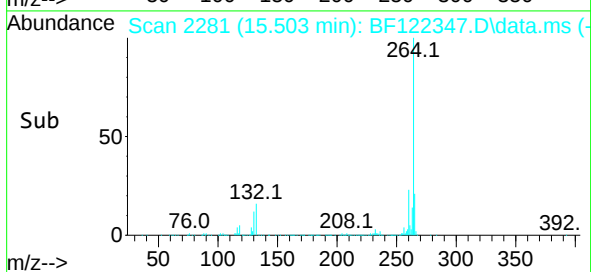
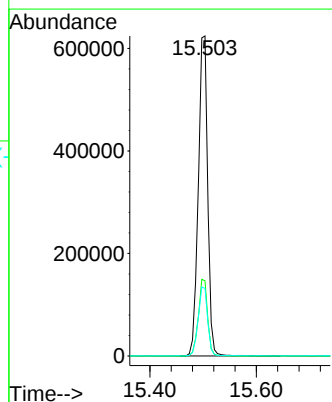
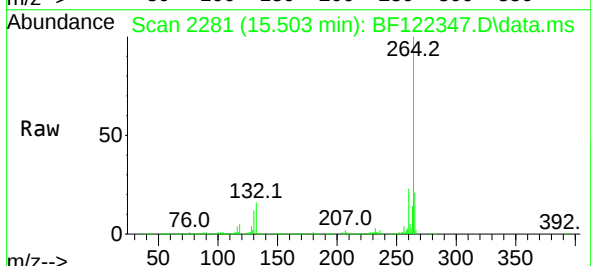
Manual Integrations
APPROVED

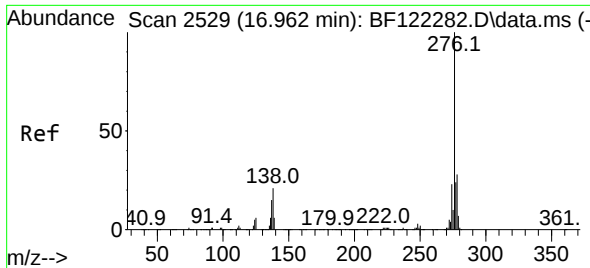
mohammad
11/19/2020 10:28:48 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.503 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

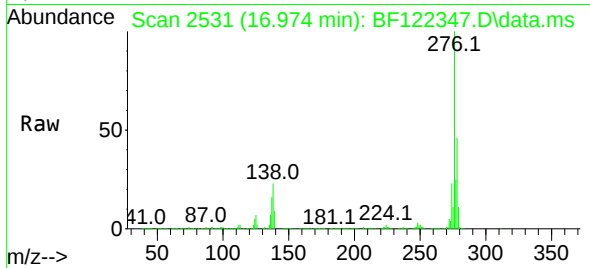
Tgt Ion:264 Resp: 762305
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.1 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.90 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.012 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

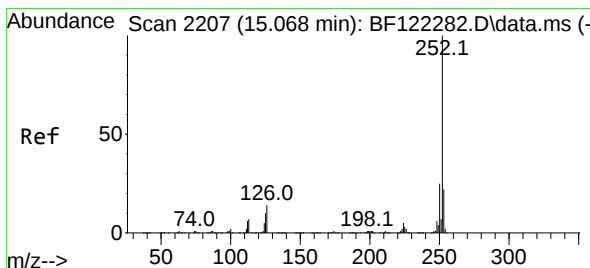
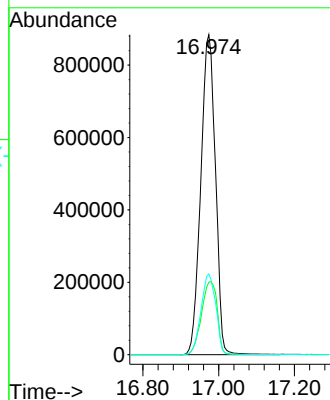
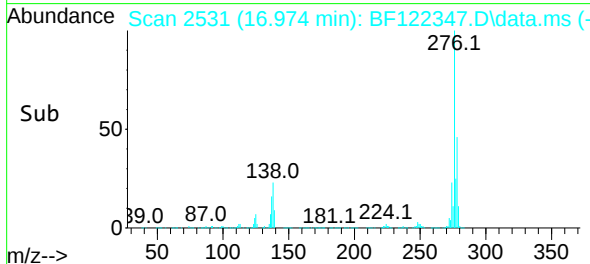
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD



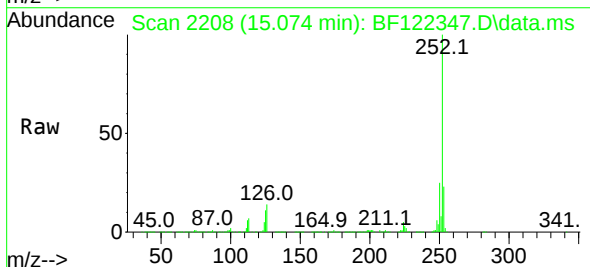
Tgt Ion:276 Resp: 2374204
Ion Ratio Lower Upper
276 100
138 24.6 19.9 29.9
277 25.6 20.4 30.6

Manual Integrations
APPROVED

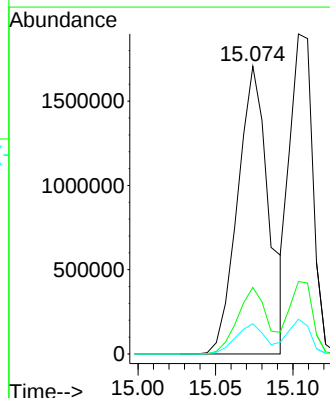
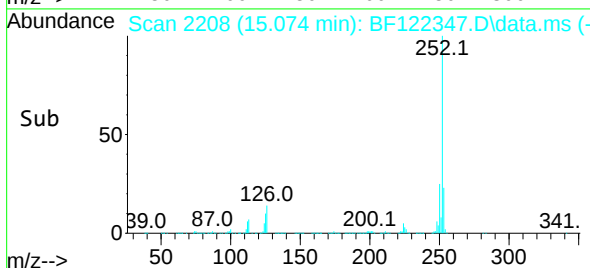
mohammad
11/19/2020 10:28:48 AM

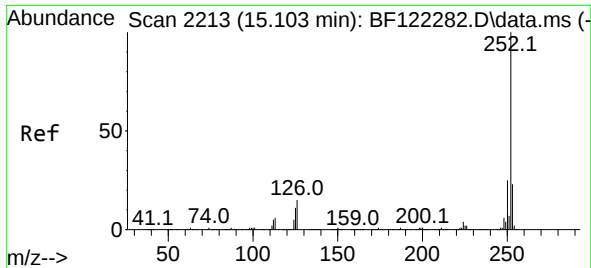


#88
Benzo(b)fluoranthene
Concen: 48.18 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

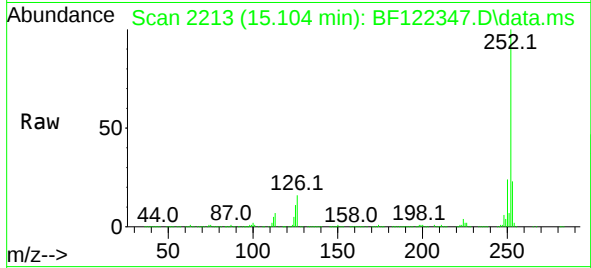


Tgt Ion:252 Resp: 2378675
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 10.5 8.0 12.0

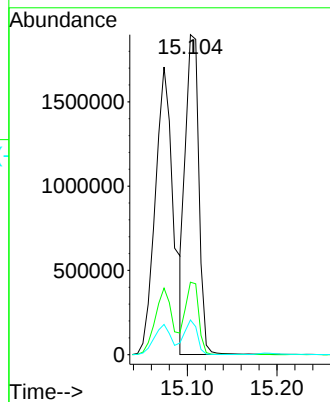
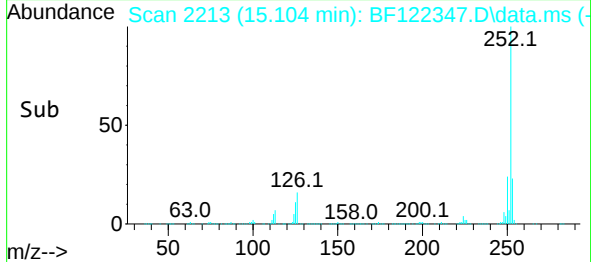




#89
Benzo(k)fluoranthene
Concen: 41.20 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



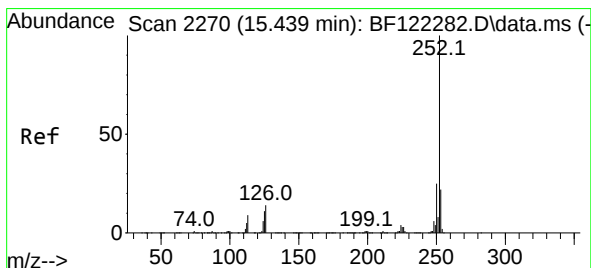
Tgt Ion:252 Resp: 1983556
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.8 7.7 11.5



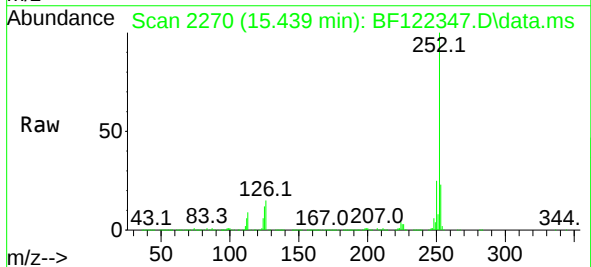
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD

Manual Integrations
APPROVED

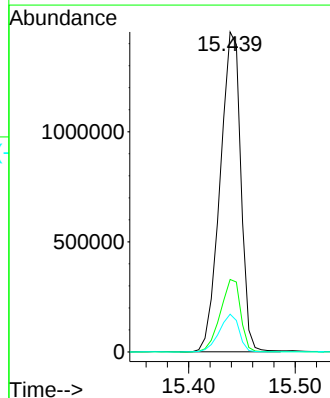
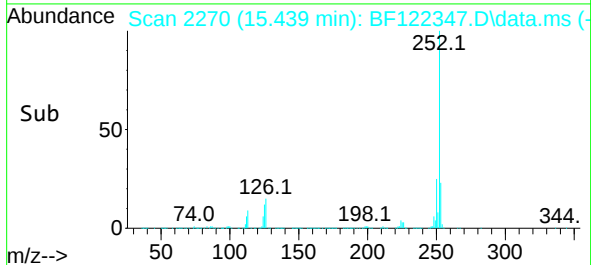
mohammad
11/19/2020 10:28:48 AM

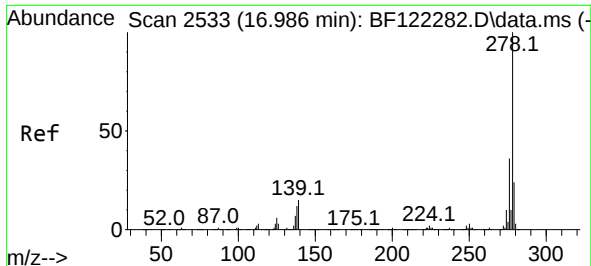


#90
Benzo(a)pyrene
Concen: 45.44 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



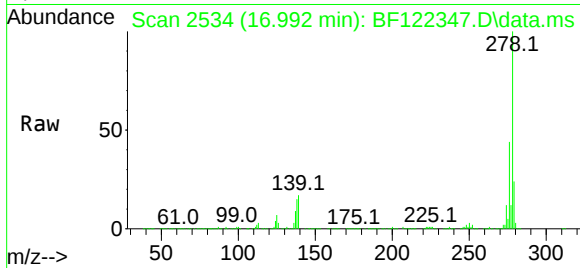
Tgt Ion:252 Resp: 1955780
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 11.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 50.17 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.006 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47

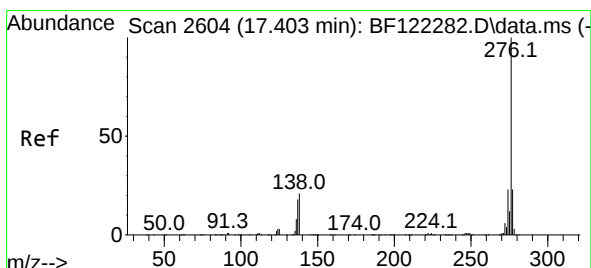
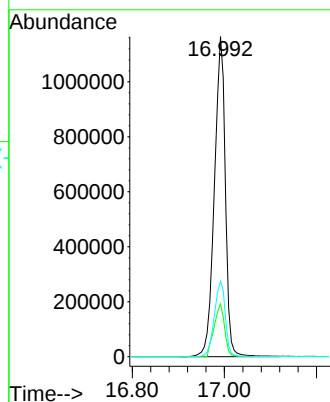
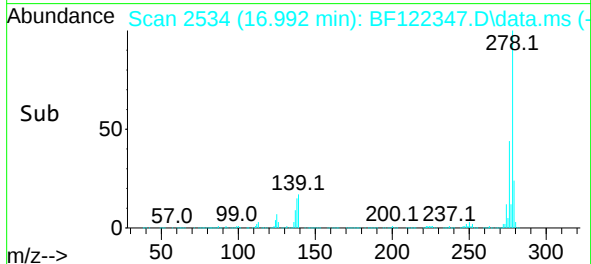
Instrument :
BNA_F
ClientSampleId :
R-LA-33-4-WCMSD



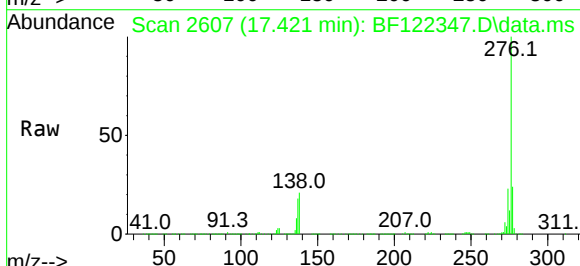
Tgt Ion:278 Resp: 1922176
Ion Ratio Lower Upper
278 100
139 16.5 13.0 19.4
279 23.6 19.0 28.4

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:48 AM



#92
Benzo(g,h,i)perylene
Concen: 54.45 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.018 min
Lab File: BF122347.D
Acq: 17 Nov 2020 15:47



Tgt Ion:276 Resp: 2028599
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.2
138 20.8 17.8 26.6

