

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122723.D
 Acq On : 15 Dec 2020 19:12
 Operator : JU/CG
 Sample : L5102-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-016-001-SOMS

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:53:35 AM

Quant Time: Dec 16 01:55:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	129037	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	457134	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	211284	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	344732	20.00	ng	0.00
76) Chrysene-d12	13.980	240	289713	20.00	ng	0.00
86) Perylene-d12	15.433	264	332285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	428604	52.59	ng	0.00
7) Phenol-d6	6.451	99	741866	68.63	ng	0.00
23) Nitrobenzene-d5	7.381	82	634279	69.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	79346	28.69	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1140940	73.04	ng	0.00
79) Terphenyl-d14	12.927	244	1032313	62.37	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	153743	40.13	ng	98
3) Pyridine	3.346	79	413240	40.81	ng	98
4) n-Nitrosodimethylamine	3.299	42	167846	41.33	ng	98
6) Aniline	6.481	93	276052	21.69	ng	98
8) 2-Chlorophenol	6.604	128	374771	41.72	ng	95
9) Benzaldehyde	6.363	77	143527	21.94	ng	98
10) Phenol	6.463	94	442988	39.55	ng	88
11) bis(2-Chloroethyl)ether	6.551	93	356258	41.63	ng	99
12) 1,3-Dichlorobenzene	6.757	146	434272	40.85	ng	98
13) 1,4-Dichlorobenzene	6.834	146	438697	40.93	ng	97
14) 1,2-Dichlorobenzene	6.987	146	417308	40.33	ng	99
15) Benzyl Alcohol	6.963	79	286530	38.50	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	449378	36.83	ng	99
17) 2-Methylphenol	7.075	107	279486	39.14	ng	99
18) Hexachloroethane	7.334	117	153360	40.15	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	229785	37.11	ng	98
20) 3+4-Methylphenols	7.228	107	340361	37.73	ng	92
22) Acetophenone	7.228	105	467693	41.15	ng	98
24) Nitrobenzene	7.398	77	370042	40.77	ng	98
25) Isophorone	7.639	82	630855	40.14	ng	99
26) 2-Nitrophenol	7.716	139	188243	42.52	ng	97
27) 2,4-Dimethylphenol	7.757	122	291384	44.91	ng	100
28) bis(2-Chloroethoxy)met...	7.851	93	409082	38.01	ng	99
29) 2,4-Dichlorophenol	7.963	162	286226	37.77	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	341292	39.75	ng	99
31) Naphthalene	8.128	128	1037076	41.11	ng	100
32) Benzoic acid	7.875	122	154515	29.89	ng	93
33) 4-Chloroaniline	8.175	127	113910	10.80	ng	96
34) Hexachlorobutadiene	8.245	225	205735	38.94	ng	100
35) Caprolactam	8.534	113	74553m	32.67	ng	
36) 4-Chloro-3-methylphenol	8.657	107	274221	36.74	ng	99
37) 2-Methylnaphthalene	8.816	142	660272	39.57	ng	98
38) 1-Methylnaphthalene	8.916	142	605598	38.36	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	309575	44.24	ng	99
41) Hexachlorocyclopentadiene	8.969	237	303589	98.12	ng	97
43) 2,4,6-Trichlorophenol	9.092	196	190127	39.34	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122723.D
 Acq On : 15 Dec 2020 19:12
 Operator : JU/CG
 Sample : L5102-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-016-001-SOMS

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:53:35 AM

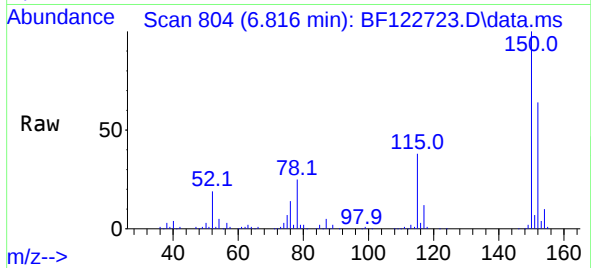
Quant Time: Dec 16 01:55:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	197628	39.56	ng	99
46) 1,1'-Biphenyl	9.281	154	767058	43.74	ng	98
47) 2-Chloronaphthalene	9.304	162	603385	41.53	ng	98
48) 2-Nitroaniline	9.398	65	149113	35.20	ng	94
49) Acenaphthylene	9.722	152	901894	42.03	ng	98
50) Dimethylphthalate	9.581	163	665094	39.42	ng	99
51) 2,6-Dinitrotoluene	9.639	165	142942	40.11	ng	94
52) Acenaphthene	9.892	154	594196m	42.80	ng	
53) 3-Nitroaniline	9.804	138	65105	15.81	ng	94
54) 2,4-Dinitrophenol	9.922	184	120478	69.14	ng	# 86
55) Dibenzofuran	10.063	168	796654	40.79	ng	98
56) 4-Nitrophenol	9.975	139	202919	69.11	ng	97
57) 2,4-Dinitrotoluene	10.045	165	181518	38.24	ng	93
58) Fluorene	10.404	166	605918	39.01	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	159148	36.26	ng	98
60) Diethylphthalate	10.275	149	598572	36.47	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	292168	38.20	ng	95
62) 4-Nitroaniline	10.422	138	129021	30.87	ng	92
63) Azobenzene	10.557	77	570589	37.82	ng	96
65) 4,6-Dinitro-2-methylph...	10.451	198	90196	42.91	ng	95
66) n-Nitrosodiphenylamine	10.516	169	522765	42.92	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	190506	40.78	ng	94
68) Hexachlorobenzene	10.957	284	212085	41.07	ng	# 92
69) Atrazine	11.039	200	140751	35.58	ng	98
70) Pentachlorophenol	11.151	266	205629	75.16	ng	99
71) Phenanthrene	11.369	178	859315	41.94	ng	98
72) Anthracene	11.416	178	884695	43.55	ng	99
73) Carbazole	11.574	167	759200	41.21	ng	98
74) Di-n-butylphthalate	11.904	149	876672	37.87	ng	98
75) Fluoranthene	12.557	202	881178	41.02	ng	98
77) Benzidine	12.674	184	281520	44.92	ng	99
78) Pyrene	12.786	202	874532	39.04	ng	99
80) Butylbenzylphthalate	13.404	149	363665	36.04	ng	92
81) Benzo(a)anthracene	13.974	228	810911	41.88	ng	98
82) 3,3'-Dichlorobenzidine	13.933	252	178413	25.73	ng	98
83) Chrysene	14.010	228	805008	41.78	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	504218	36.49	ng	100
85) Di-n-octyl phthalate	14.574	149	908390	39.64	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	1120829	51.39	ng	99
88) Benzo(b)fluoranthene	15.015	252	970799	41.64	ng	99
89) Benzo(k)fluoranthene	15.045	252	810875	38.04	ng	99
90) Benzo(a)pyrene	15.380	252	826876	40.54	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	915281	51.27	ng	99
92) Benzo(g,h,i)perylene	17.321	276	976136	56.50	ng	99

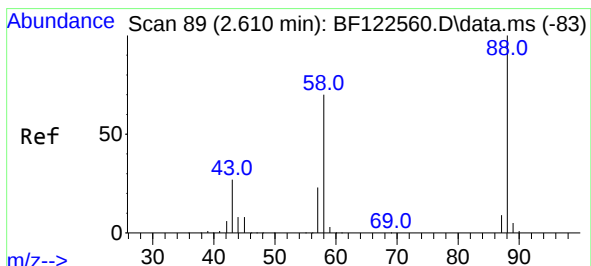
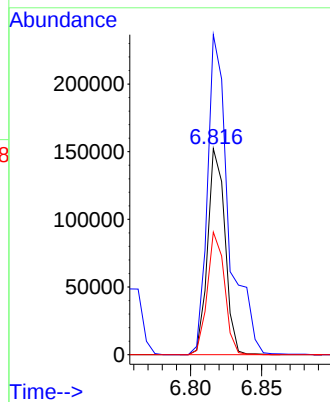
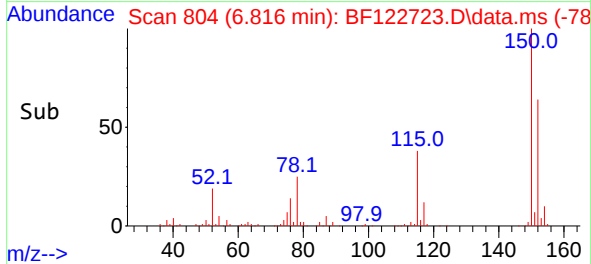
(#) = qualifier out of range (m) = manual integration (+) = signals summed



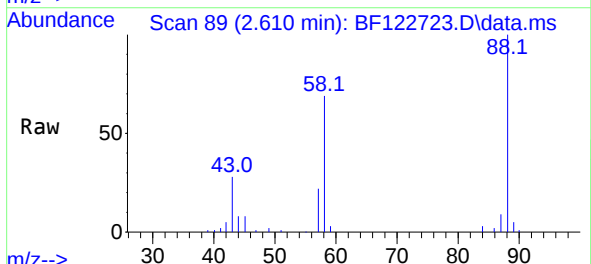
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



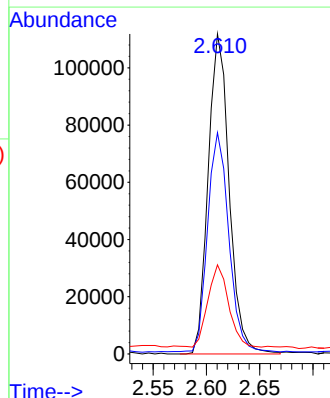
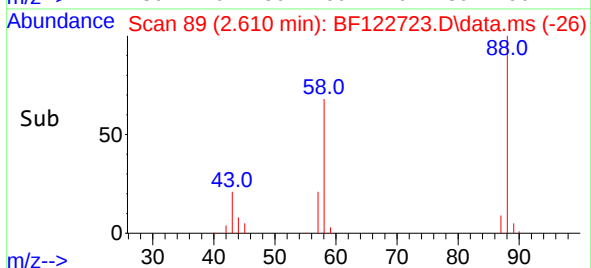
Tgt Ion:152 Resp: 129037
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 59.5 49.3 73.9



#2
1,4-Dioxane
Concen: 40.13 ng
RT: 2.610 min Scan# 89
Delta R.T. 0.070 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



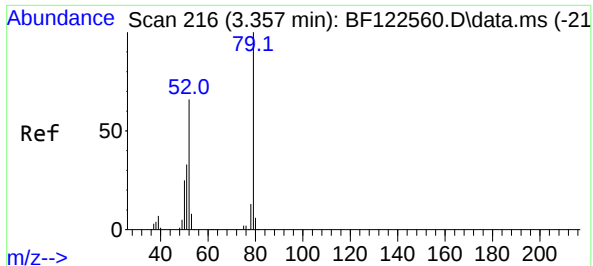
Tgt Ion: 88 Resp: 153743
Ion Ratio Lower Upper
88 100
58 69.5 56.2 84.2
43 25.1 21.8 32.6



Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



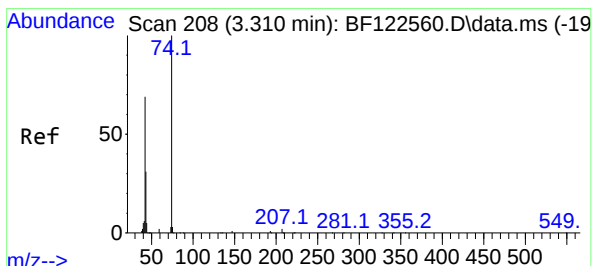
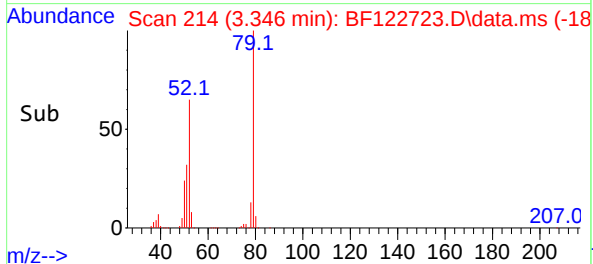
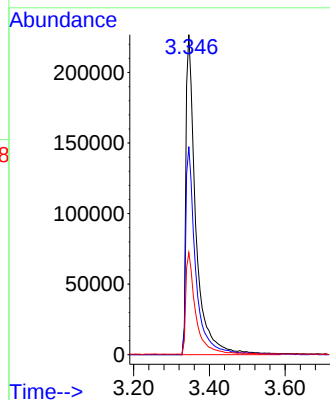
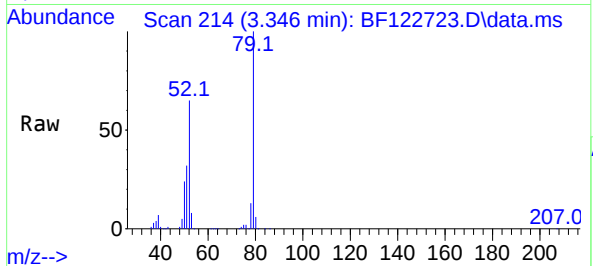
#3
Pyridine
Concen: 40.81 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.059 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion: 79 Resp: 413240
Ion Ratio Lower Upper
79 100
52 65.0 53.0 79.4
51 31.9 26.6 39.8

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

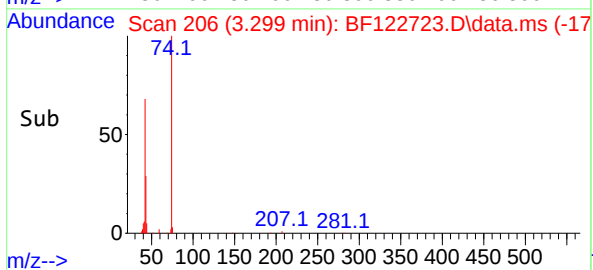
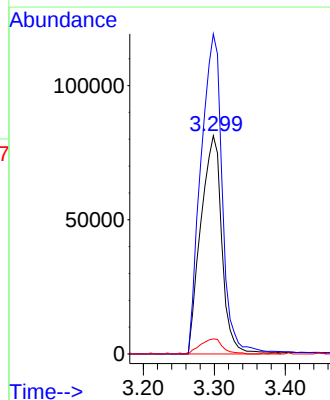
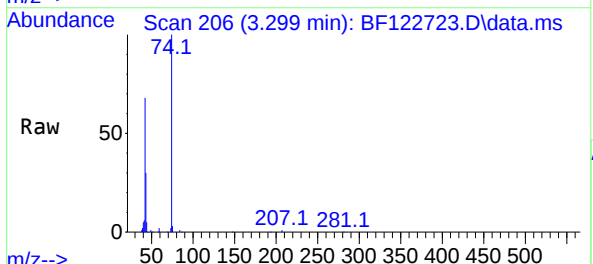
Manual Integrations
APPROVED

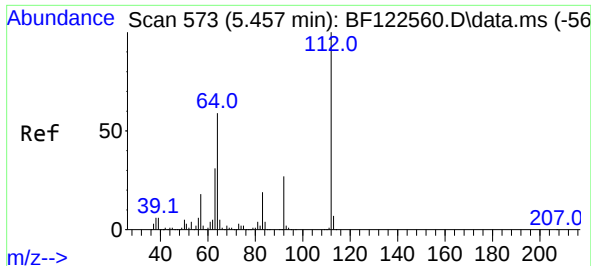
mohammad
12/17/2020 9:53:35 AM



#4
n-Nitrosodimethylamine
Concen: 41.33 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.059 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion: 42 Resp: 167846
Ion Ratio Lower Upper
42 100
74 146.6 115.2 172.8
44 6.9 5.4 8.0





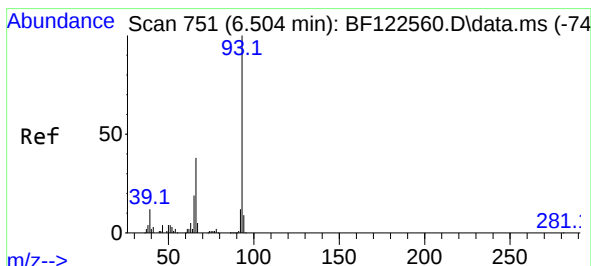
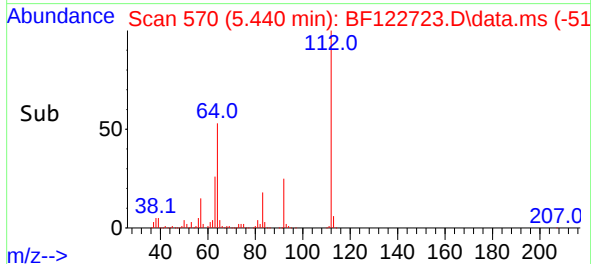
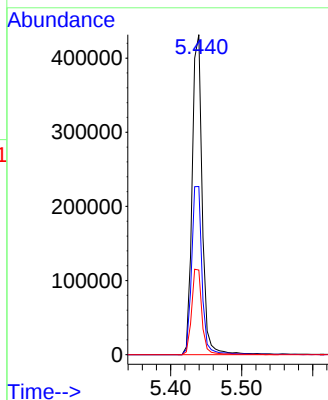
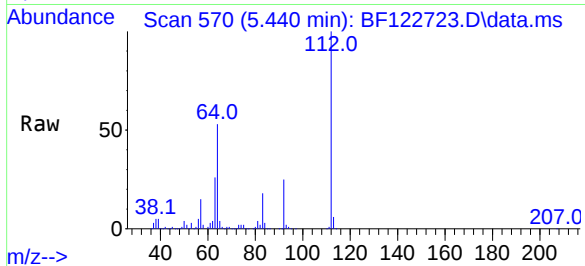
#5
2-Fluorophenol
Concen: 52.59 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:	112	Resp:	428604
Ion Ratio	Lower	Upper	
112	100		
64	52.5	46.9	70.3
63	26.4	24.5	36.7

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

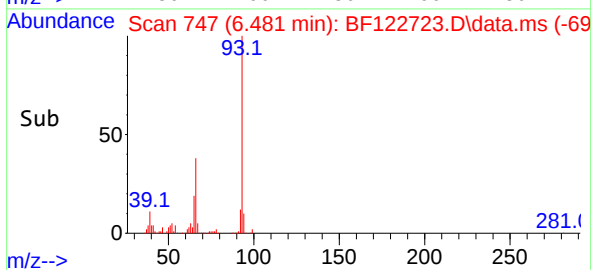
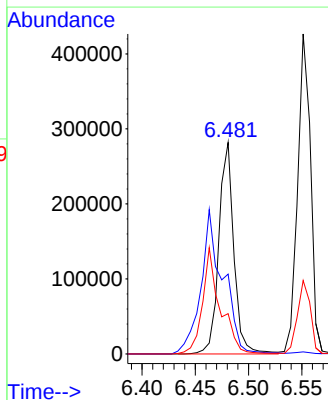
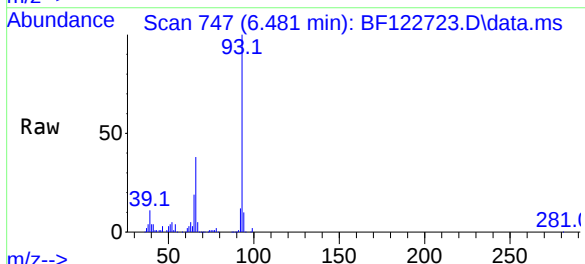
Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



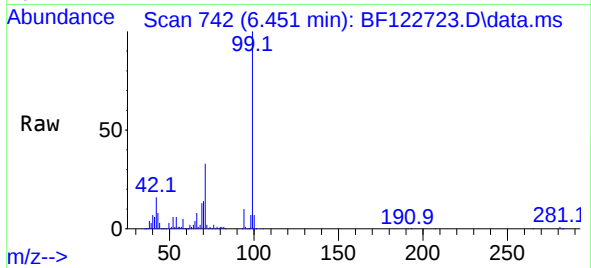
#6
Aniline
Concen: 21.69 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:	93	Resp:	276052
Ion Ratio	Lower	Upper	
93	100		
66	37.7	31.3	46.9
65	19.1	15.6	23.4

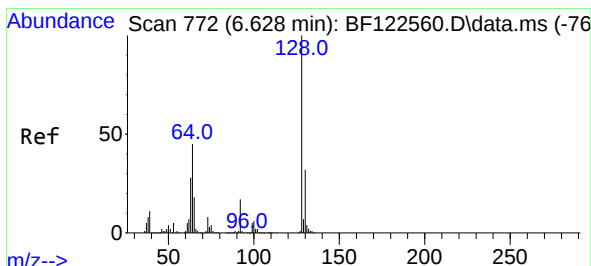
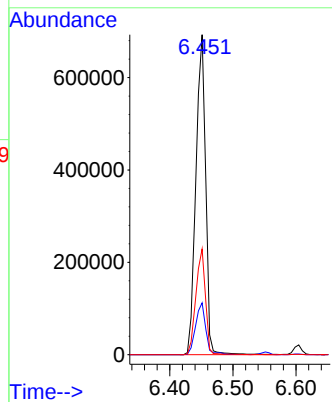
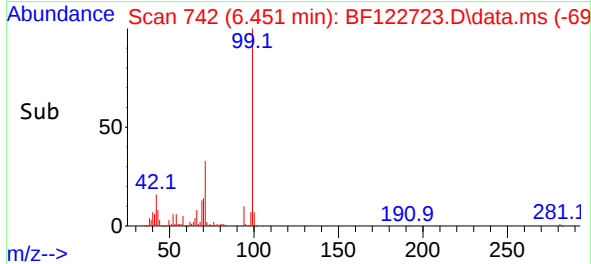




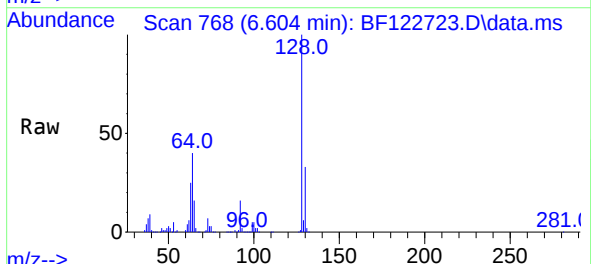
#7
Phenol-d6
Concen: 68.63 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



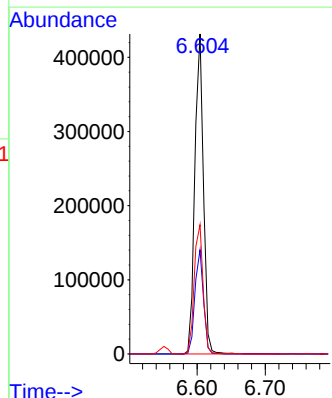
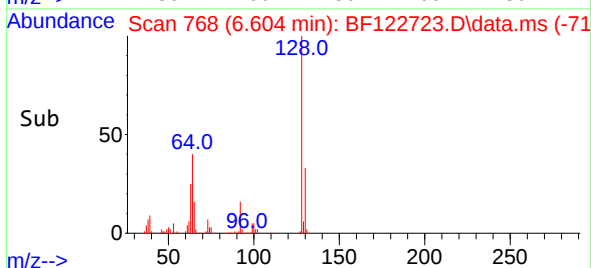
Tgt Ion: 99 Resp: 741866
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.6
71 33.1 26.9 40.3



#8
2-Chlorophenol
Concen: 41.72 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



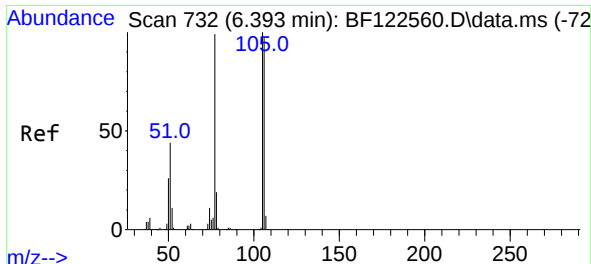
Tgt Ion: 128 Resp: 374771
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 40.4 25.5 65.5



Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



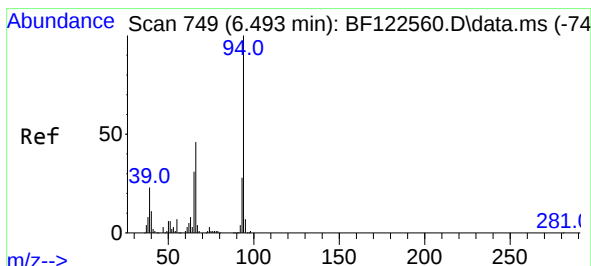
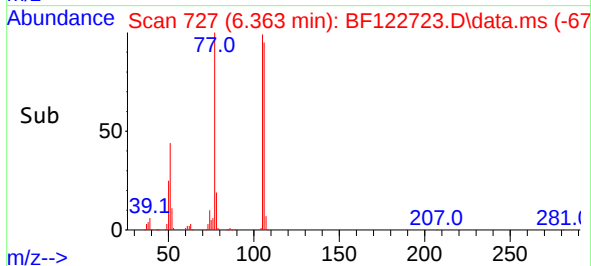
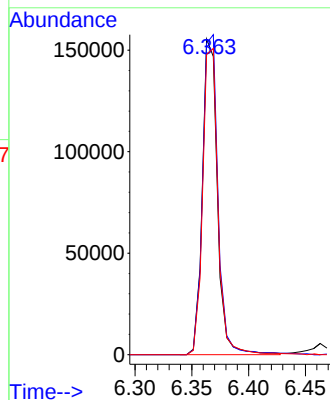
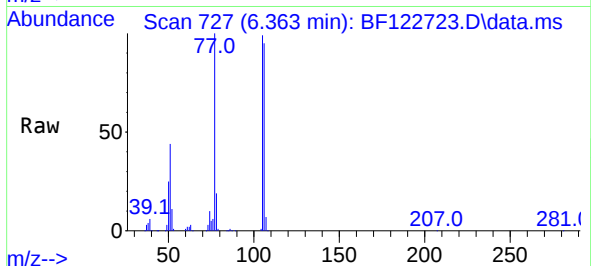
#9
Benzaldehyde
Concen: 21.94 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.012 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion: 77 Resp: 143527
Ion Ratio Lower Upper
77 100
105 98.6 80.6 120.6
106 95.1 77.2 117.2

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

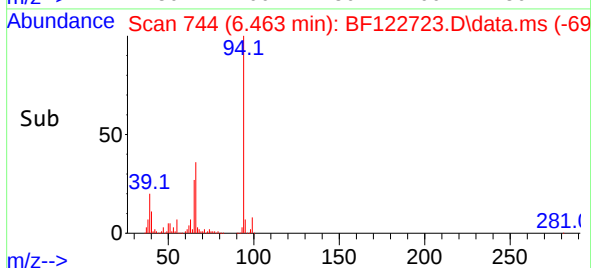
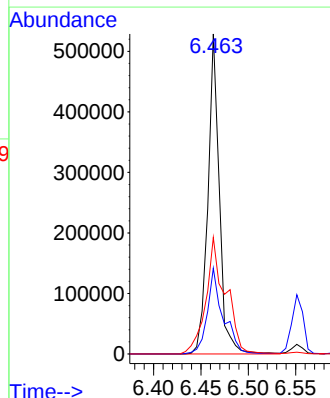
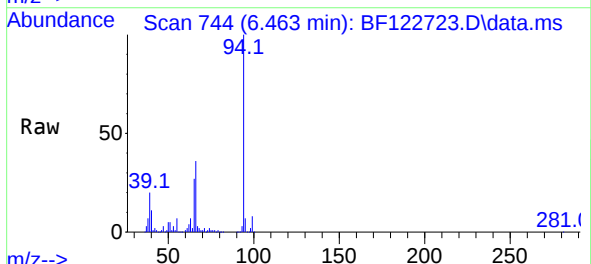
Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



#10
Phenol
Concen: 39.55 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion: 94 Resp: 442988
Ion Ratio Lower Upper
94 100
65 26.8 11.2 51.2
66 36.4 25.8 65.8





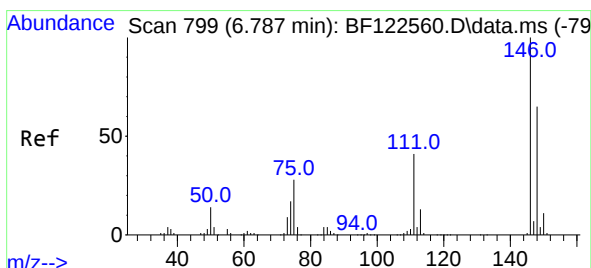
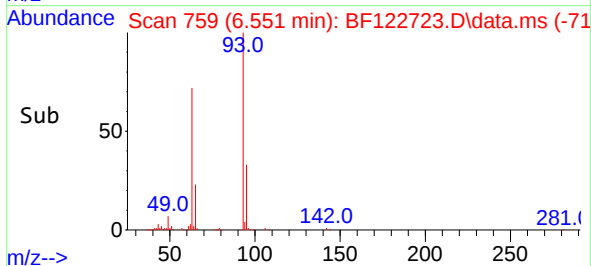
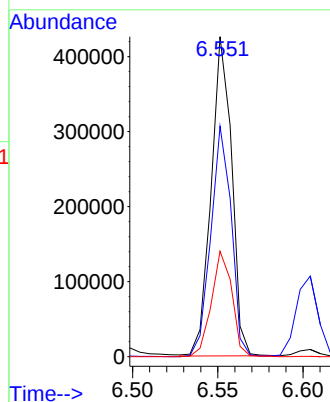
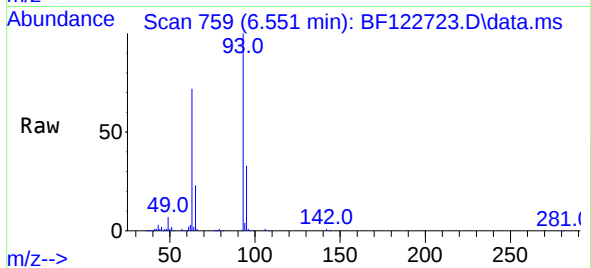
#11
bis(2-Chloroethyl)ether
Concen: 41.63 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.012 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion: 93 Resp: 356258
Ion Ratio Lower Upper
93 100
63 72.0 52.6 92.6
95 32.9 12.6 52.6

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

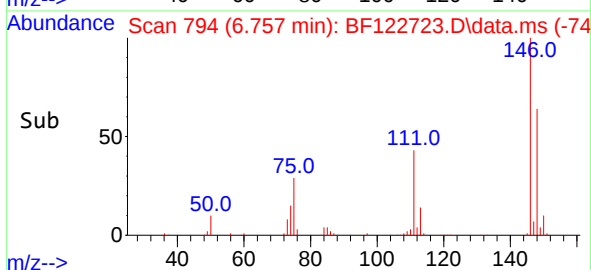
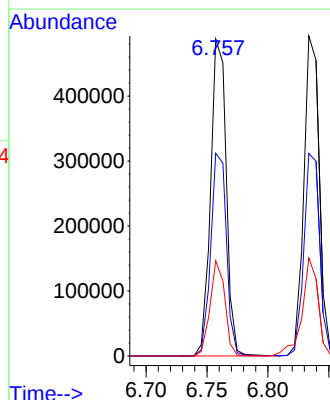
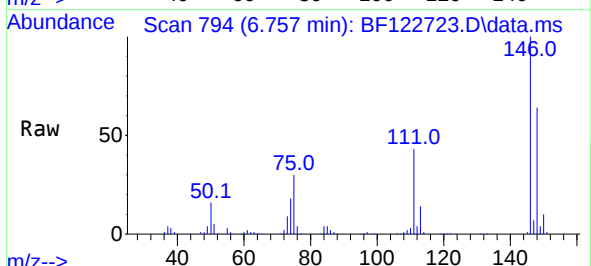
Manual Integrations
APPROVED

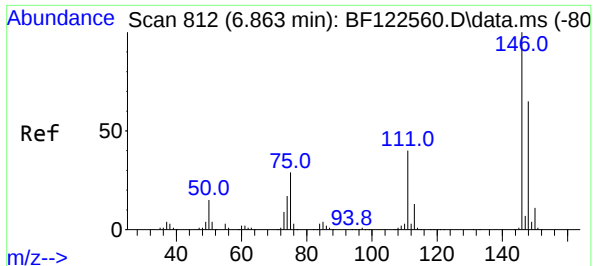
mohammad
12/17/2020 9:53:35 AM



#12
1,3-Dichlorobenzene
Concen: 40.85 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion: 146 Resp: 434272
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 30.0 22.5 33.7





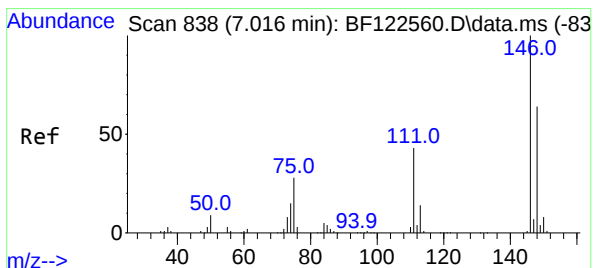
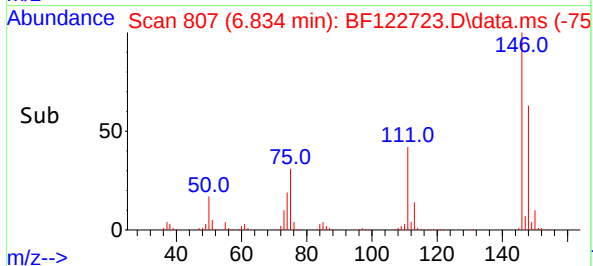
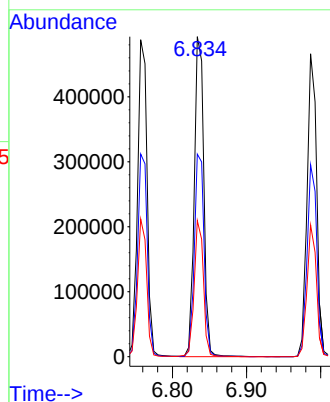
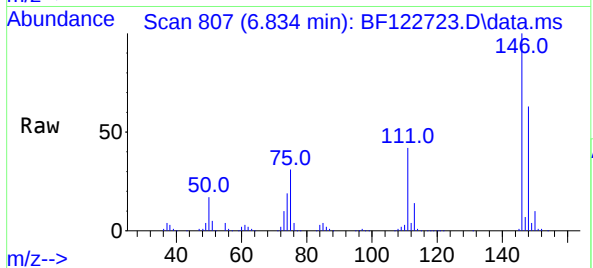
#13
1,4-Dichlorobenzene
Concen: 40.93 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:146 Resp: 438697
Ion Ratio Lower Upper
146 100
148 63.3 52.0 78.0
111 42.5 32.3 48.5

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

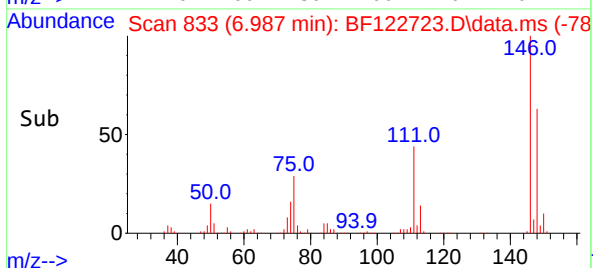
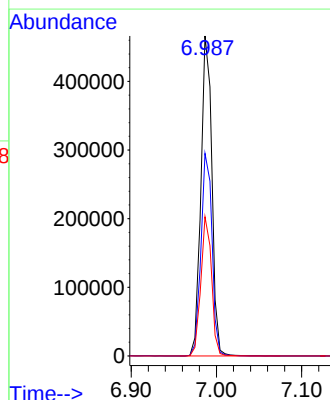
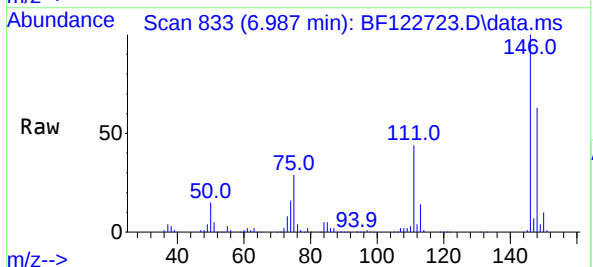
Manual Integrations
APPROVED

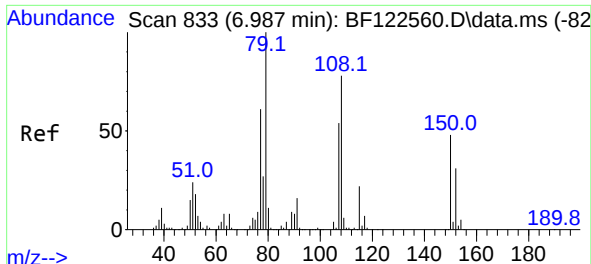
mohammad
12/17/2020 9:53:35 AM



#14
1,2-Dichlorobenzene
Concen: 40.33 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

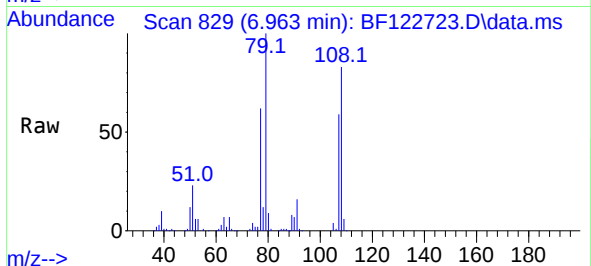
Tgt Ion:146 Resp: 417308
Ion Ratio Lower Upper
146 100
148 63.3 51.5 77.3
111 43.5 34.2 51.2





#15
Benzyl Alcohol
Concen: 38.50 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

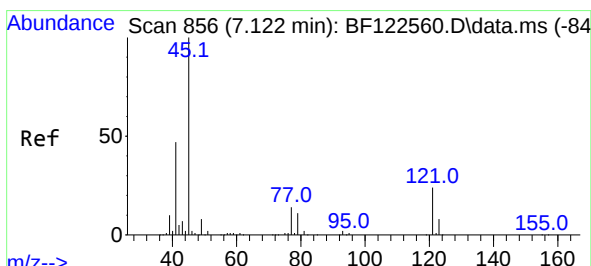
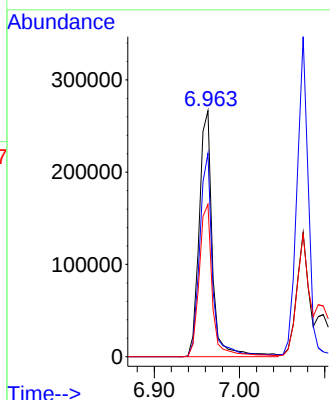
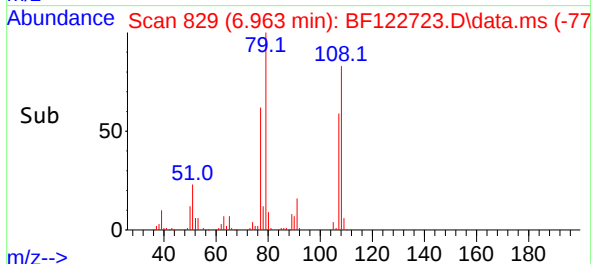
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS



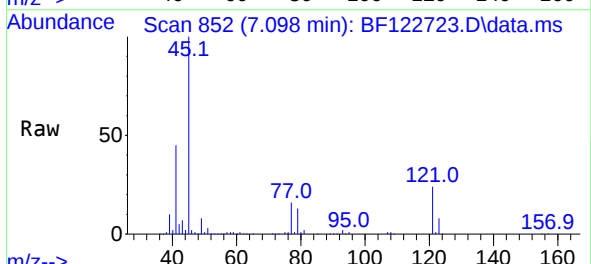
Tgt Ion: 79 Resp: 286530
Ion Ratio Lower Upper
79 100
108 82.7 62.4 93.6
77 61.9 49.0 73.6

Manual Integrations
APPROVED

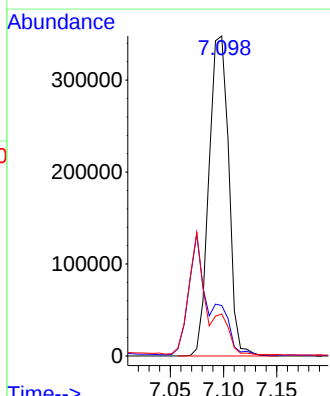
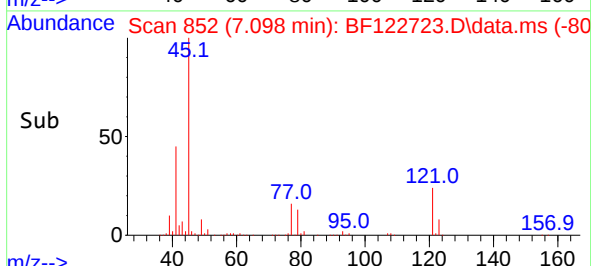
mohammad
12/17/2020 9:53:35 AM

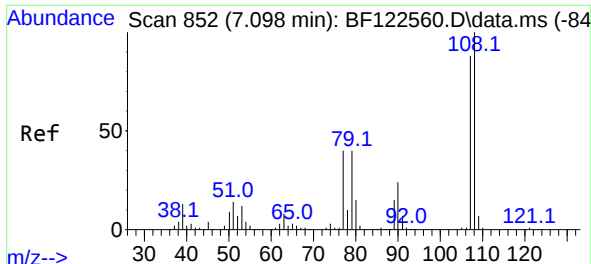


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.83 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



Tgt Ion: 45 Resp: 449378
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.6
79 13.1 0.0 32.4





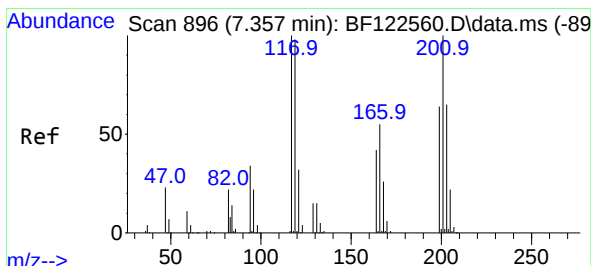
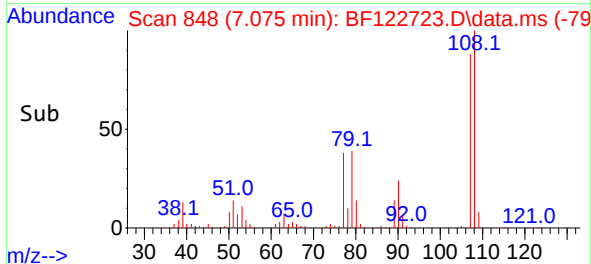
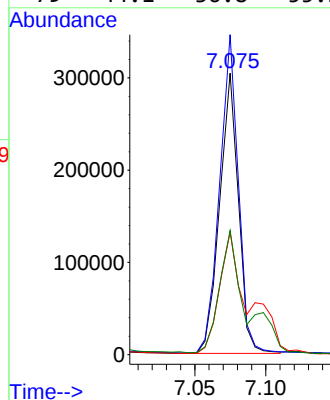
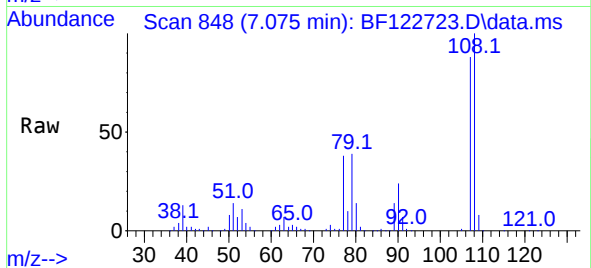
#17
2-Methylphenol
Concen: 39.14 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:	107	Resp:	279486
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.1	136.7
77	43.5	36.3	54.5
79	44.1	36.8	55.2

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

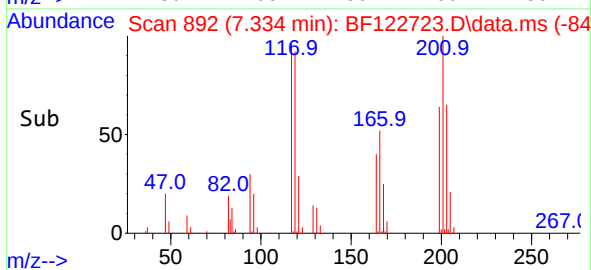
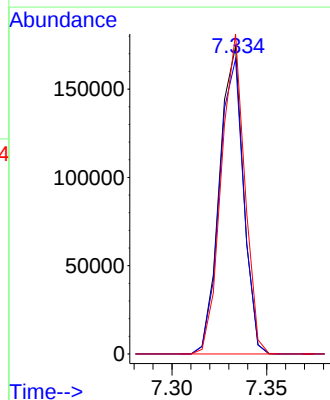
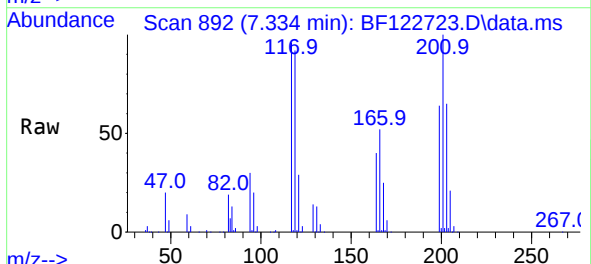
Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



#18
Hexachloroethane
Concen: 40.15 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:	117	Resp:	153360
Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.4	117.6
201	104.1	79.6	119.4





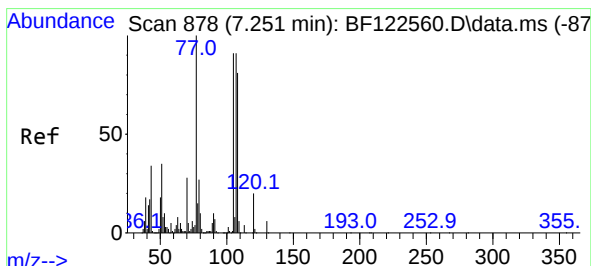
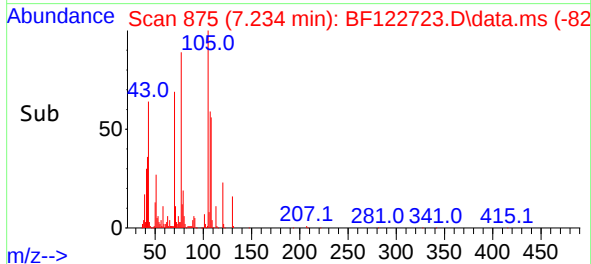
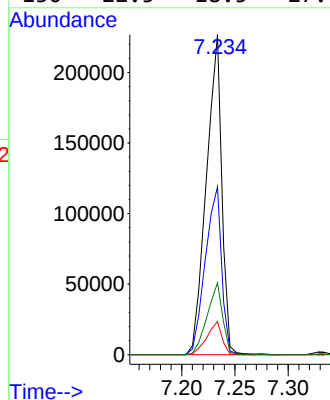
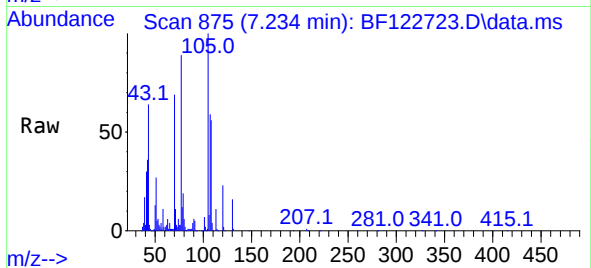
#19
n-Nitroso-di-n-propylamine
Concen: 37.11 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:	70	Resp:	229785
Ion	Ratio	Lower	Upper
70	100		
42	52.5	43.0	64.4
101	10.4	7.9	11.9
130	22.5	18.5	27.7

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

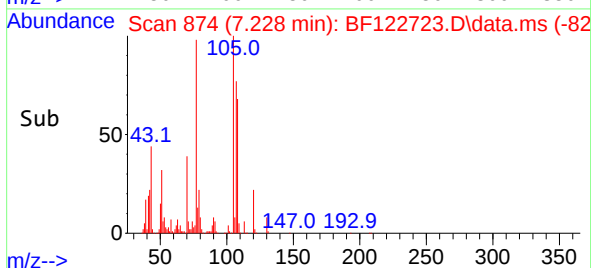
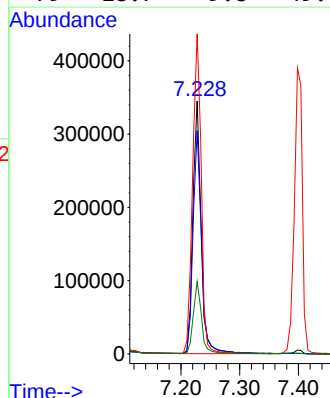
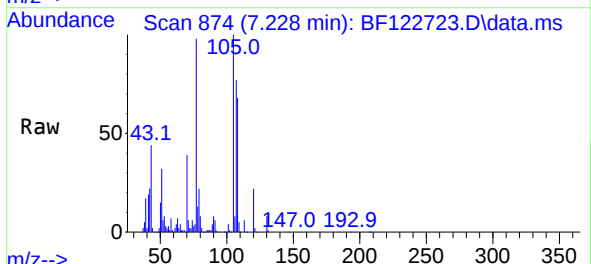
Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



#20
3+4-Methylphenols
Concen: 37.73 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

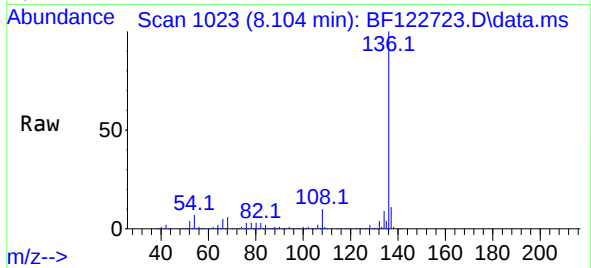
Tgt Ion:	107	Resp:	340361
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.7	108.7
77	126.5	89.8	129.8
79	28.7	9.8	49.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

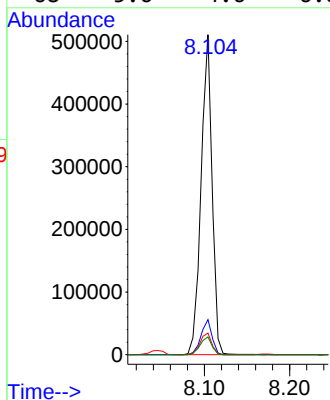
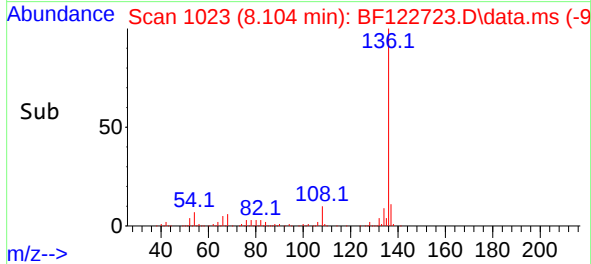
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS



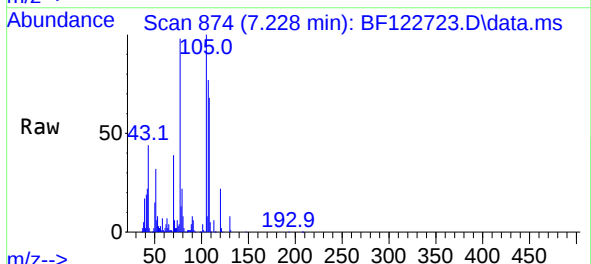
Tgt Ion:136 Resp: 457134
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.5 8.3
68 5.6 4.6 6.8

Manual Integrations
APPROVED

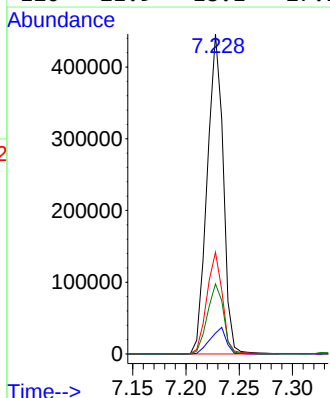
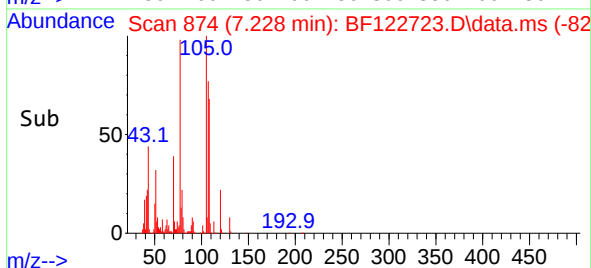
mohammad
12/17/2020 9:53:35 AM

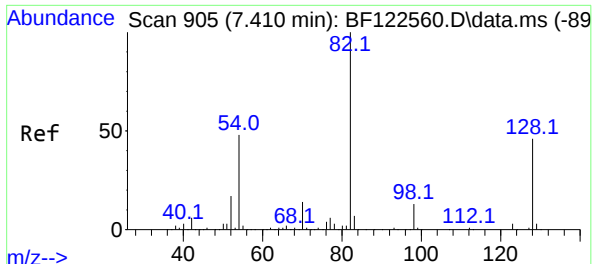


#22
Acetophenone
Concen: 41.15 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



Tgt Ion:105 Resp: 467693
Ion Ratio Lower Upper
105 100
71 6.5 6.5 9.7
51 31.8 24.3 36.5
120 21.9 18.1 27.1





#23

Nitrobenzene-d5

Concen: 69.52 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF122723.D

Acq: 15 Dec 2020 19:12

Tgt Ion: 82 Resp: 634279

Ion Ratio Lower Upper

82 100

128 46.7 37.0 55.4

54 47.8 38.4 57.6

Instrument :

BNA_F

ClientSampleId :

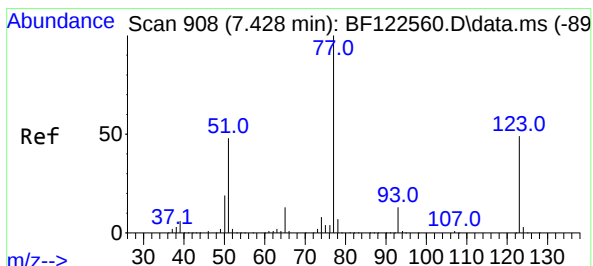
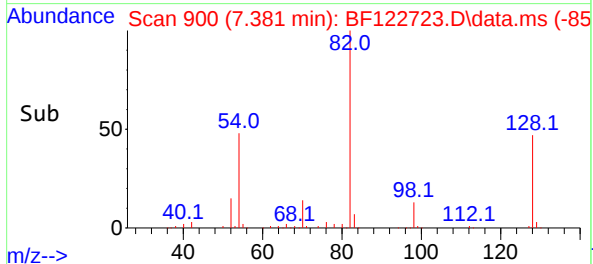
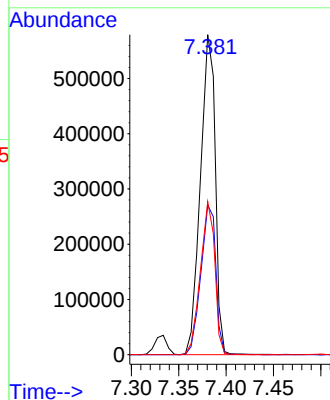
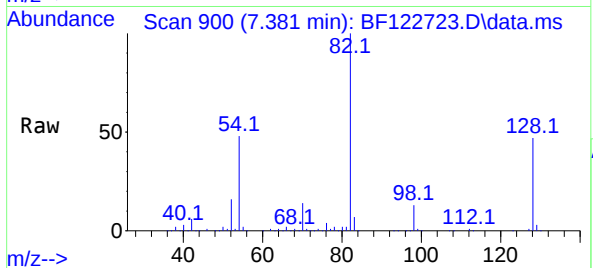
LLEXSITUTV-016-001-SOMS

Manual Integrations

APPROVED

mohammad

12/17/2020 9:53:35 AM



#24

Nitrobenzene

Concen: 40.77 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF122723.D

Acq: 15 Dec 2020 19:12

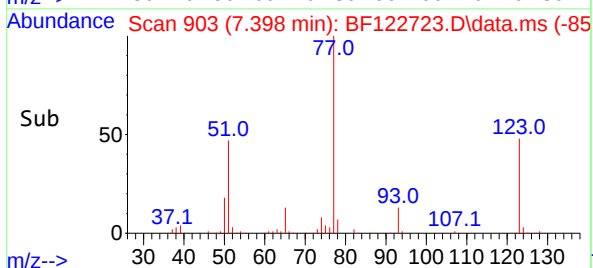
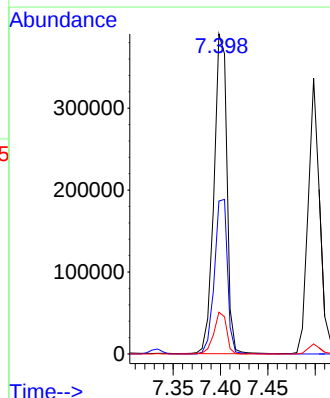
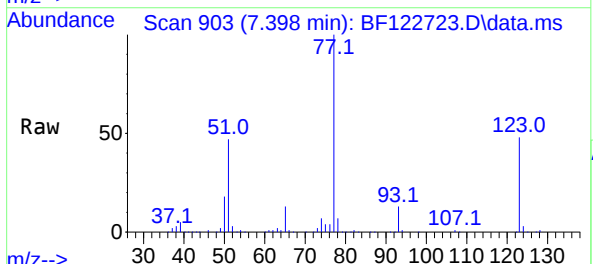
Tgt Ion: 77 Resp: 370042

Ion Ratio Lower Upper

77 100

123 47.8 39.3 58.9

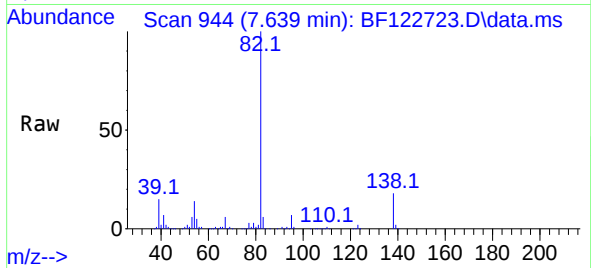
65 13.1 10.6 15.8





#25
Isophorone
Concen: 40.14 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

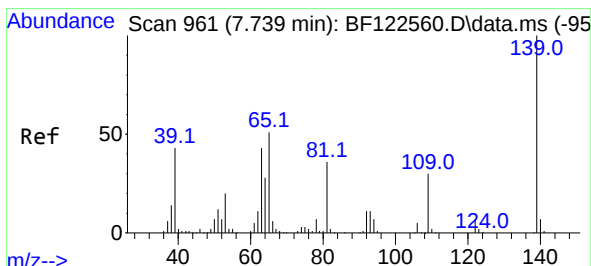
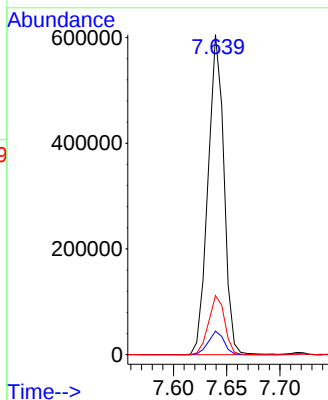
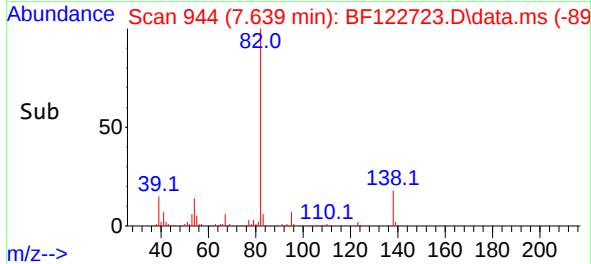
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS



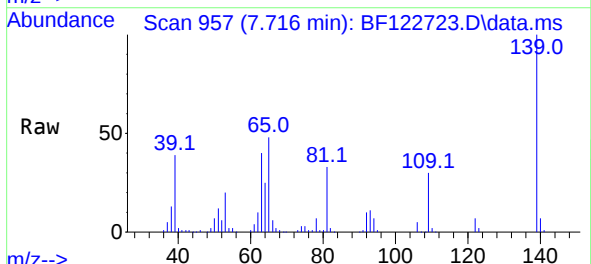
Tgt Ion: 82 Resp: 630855
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 18.4 14.6 21.8

Manual Integrations
APPROVED

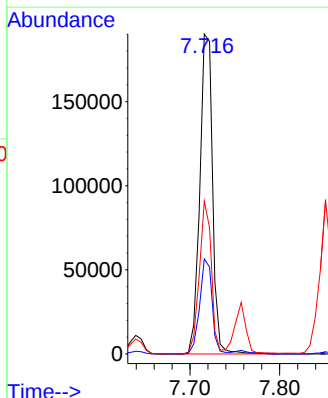
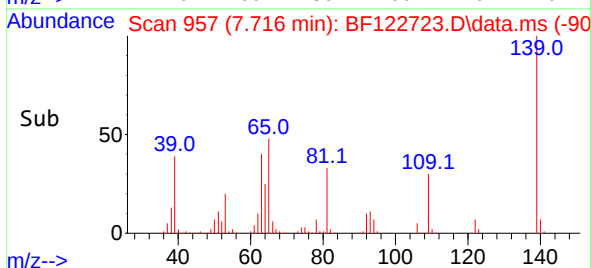
mohammad
12/17/2020 9:53:35 AM

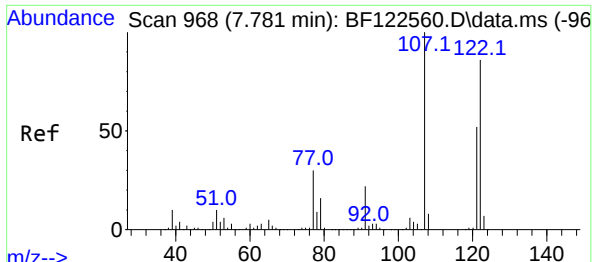


#26
2-Nitrophenol
Concen: 42.52 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

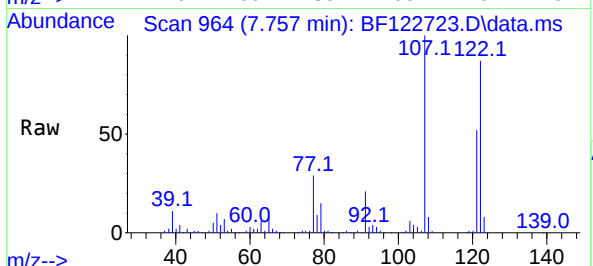


Tgt Ion: 139 Resp: 188243
Ion Ratio Lower Upper
139 100
109 29.7 24.0 36.0
65 47.8 40.9 61.3

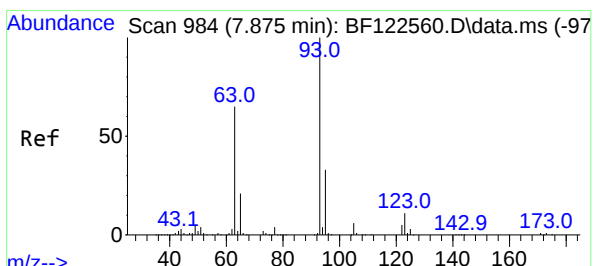
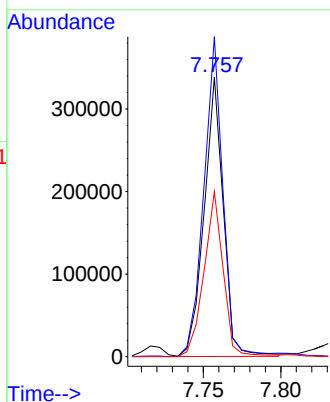
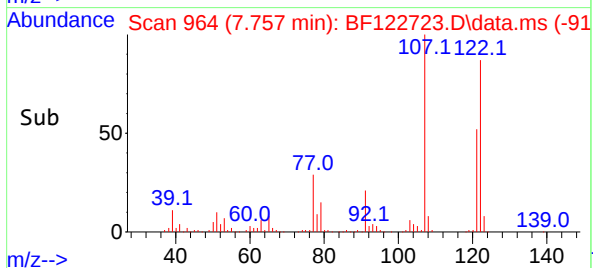




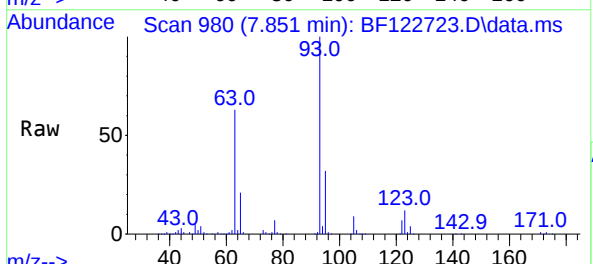
#27
2,4-Dimethylphenol
Concen: 44.91 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



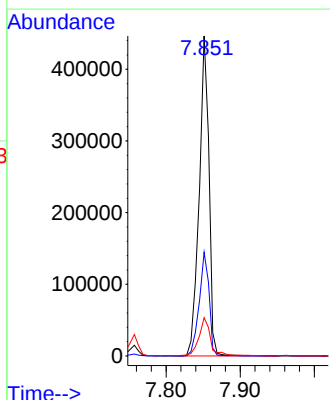
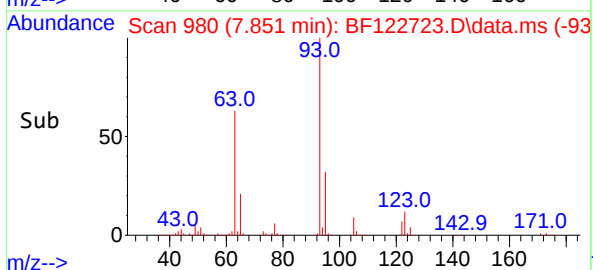
Tgt Ion:122 Resp: 291384
Ion Ratio Lower Upper
122 100
107 114.5 91.8 137.8
121 59.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 38.01 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



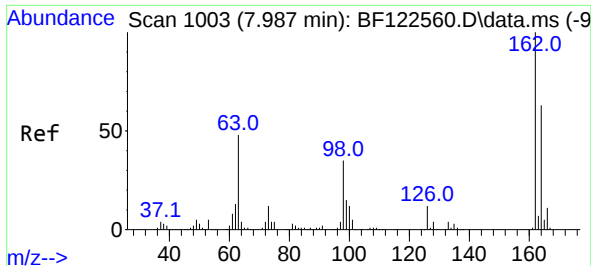
Tgt Ion: 93 Resp: 409082
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 12.0 9.2 13.8



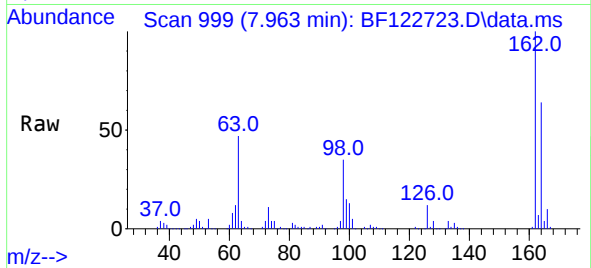
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

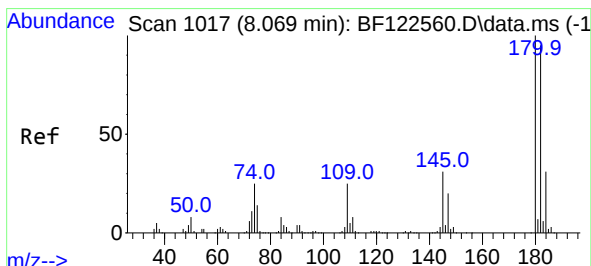
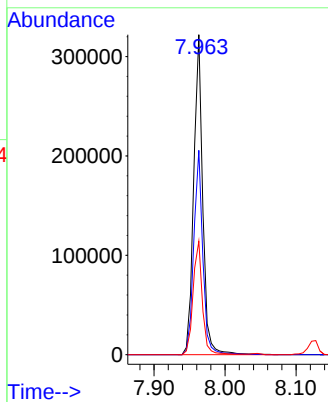
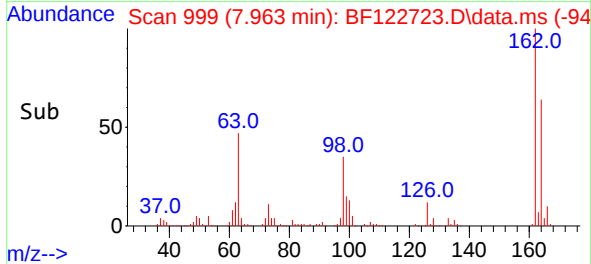
mohammad
12/17/2020 9:53:35 AM



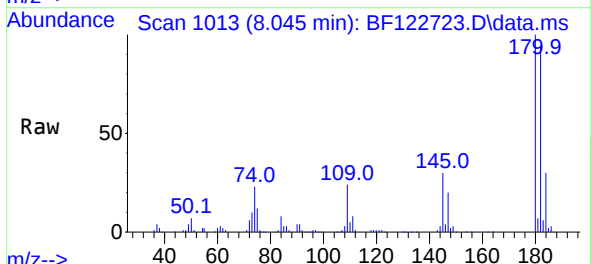
#29
2,4-Dichlorophenol
Concen: 37.77 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



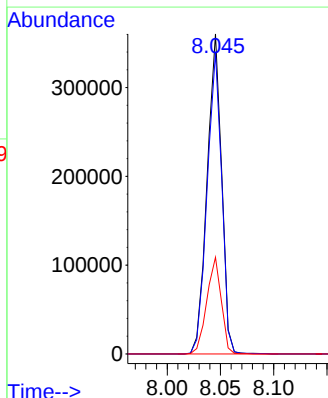
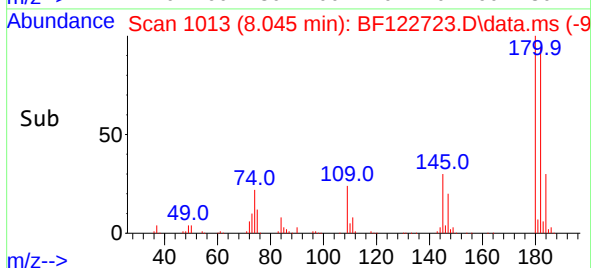
Tgt Ion:162 Resp: 286226
Ion Ratio Lower Upper
162 100
164 63.9 43.2 83.2
98 35.4 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 39.75 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



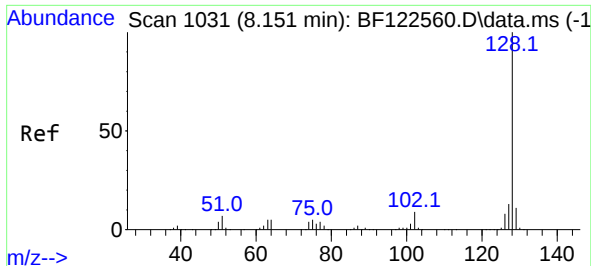
Tgt Ion:180 Resp: 341292
Ion Ratio Lower Upper
180 100
182 94.2 75.7 113.5
145 30.2 25.0 37.4



Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



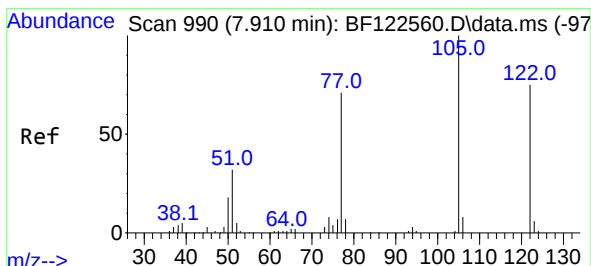
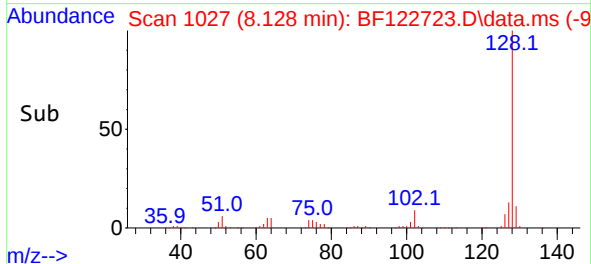
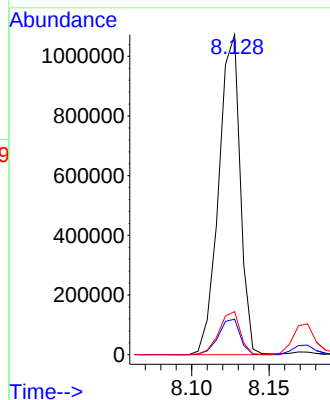
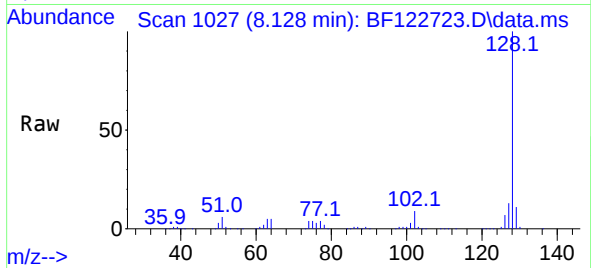
#31
Naphthalene
Concen: 41.11 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:128 Resp: 1037076
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.7 16.1

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

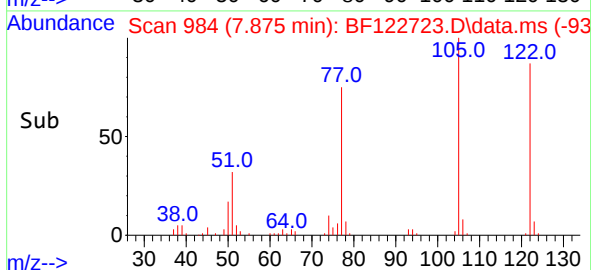
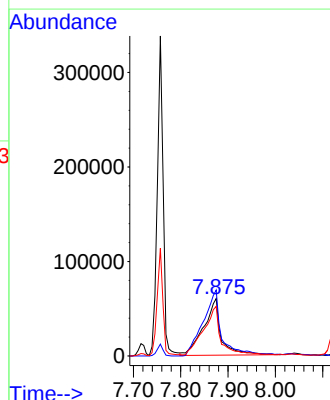
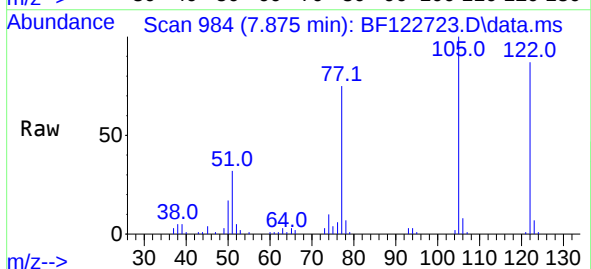
Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



#32
Benzoic acid
Concen: 29.89 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.018 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:122 Resp: 154515
Ion Ratio Lower Upper
122 100
105 114.7 104.8 144.8
77 86.4 71.0 111.0





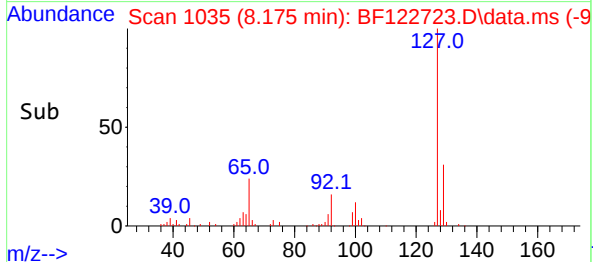
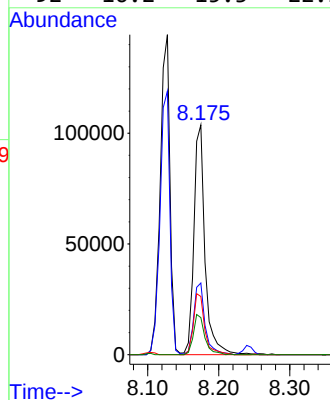
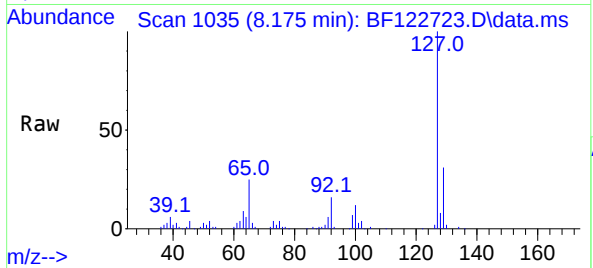
#33
4-Chloroaniline
Concen: 10.80 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:	127	Resp:	113910
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	25.4	22.2	33.2
92	16.2	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

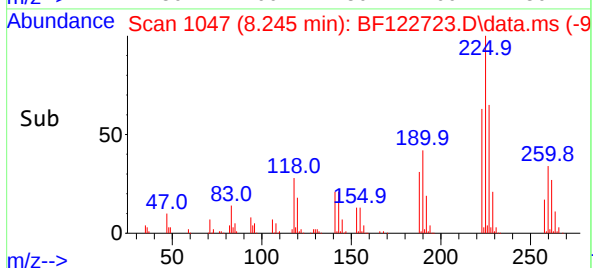
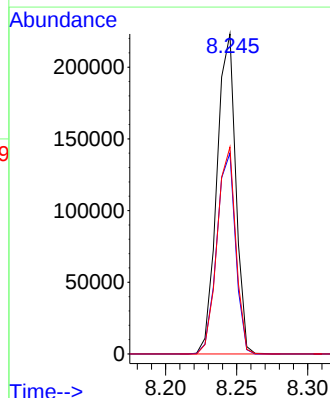
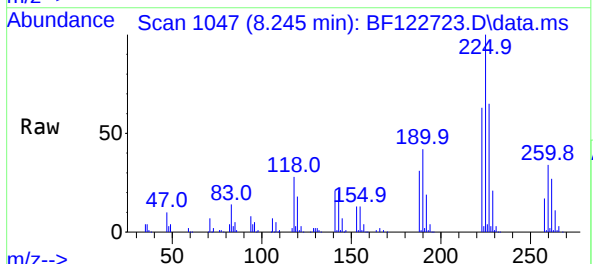
Manual Integrations
APPROVED

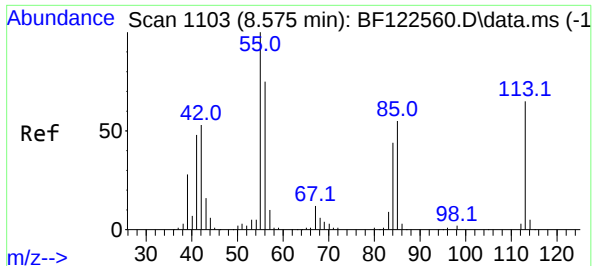
mohammad
12/17/2020 9:53:35 AM



#34
Hexachlorobutadiene
Concen: 38.94 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:	225	Resp:	205735
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	64.6	51.7	77.5





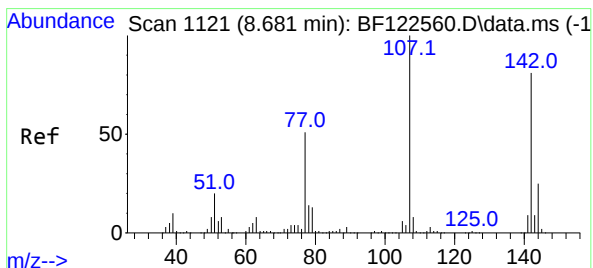
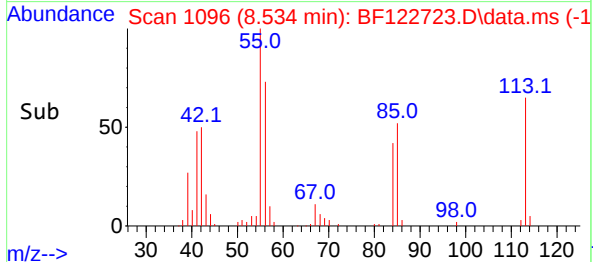
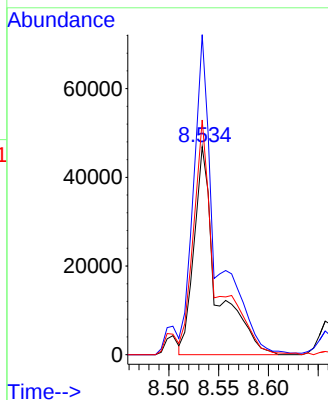
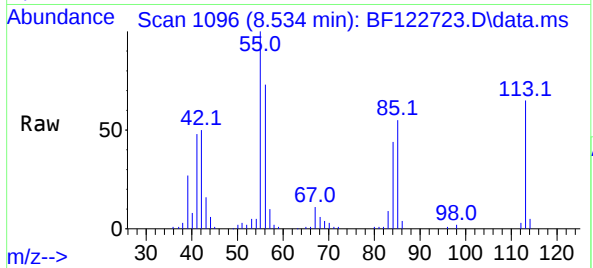
#35
Caprolactam
Concen: 32.67 ng m
RT: 8.534 min Scan# 1096
Delta R.T. -0.018 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:113 Resp: 74553
Ion Ratio Lower Upper
113 100
55 153.9 133.7 173.7
56 112.9 95.3 135.3

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

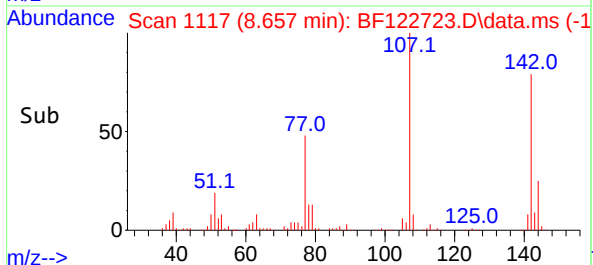
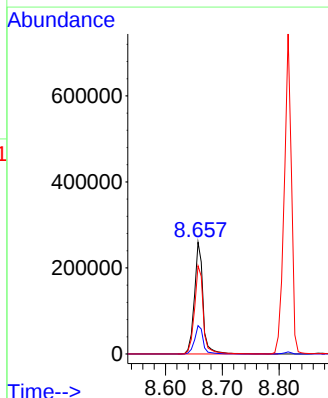
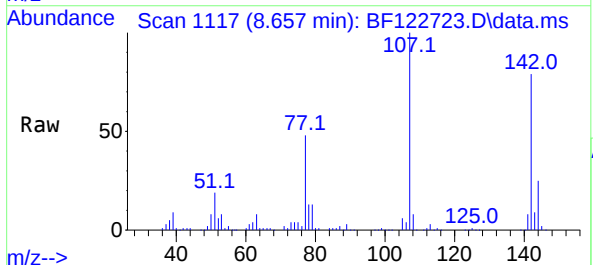
Manual Integrations
APPROVED

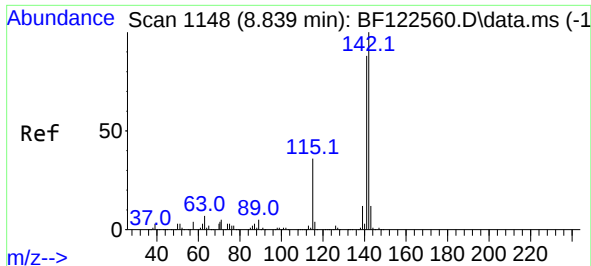
mohammad
12/17/2020 9:53:35 AM



#36
4-Chloro-3-methylphenol
Concen: 36.74 ng
RT: 8.657 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:107 Resp: 274221
Ion Ratio Lower Upper
107 100
144 25.4 20.2 30.2
142 79.0 64.4 96.6





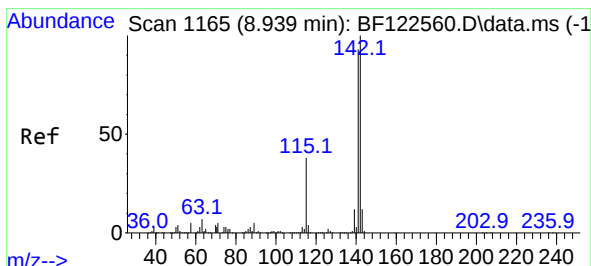
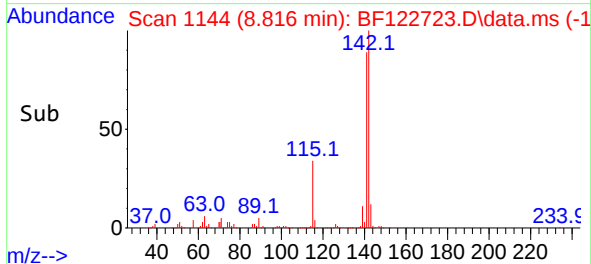
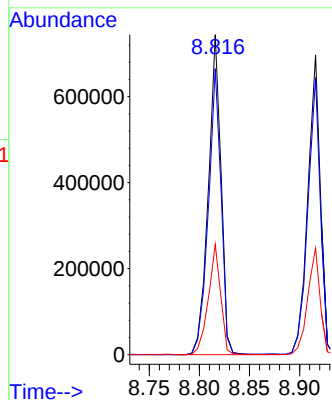
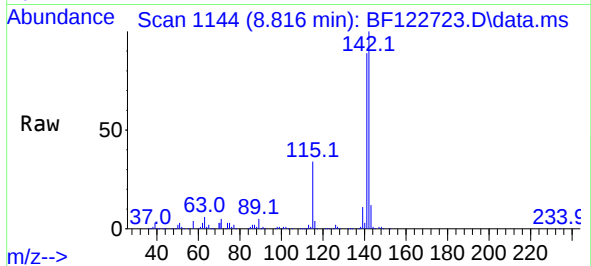
#37
2-Methylnaphthalene
Concen: 39.57 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:142 Resp: 660272
Ion Ratio Lower Upper
142 100
141 89.4 70.6 106.0
115 34.4 28.7 43.1

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

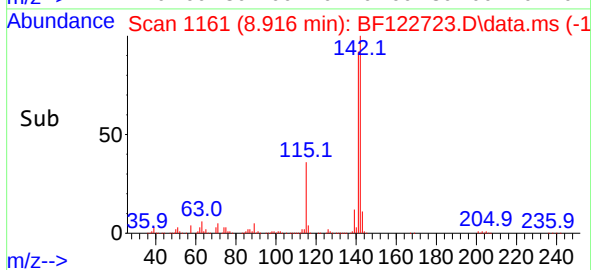
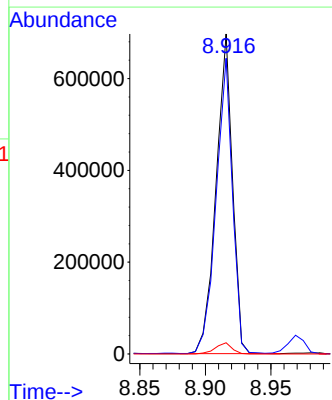
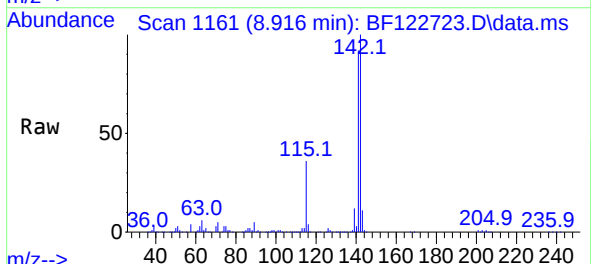
Manual Integrations
APPROVED

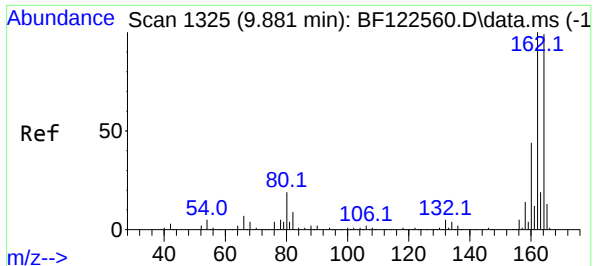
mohammad
12/17/2020 9:53:35 AM



#38
1-Methylnaphthalene
Concen: 38.36 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

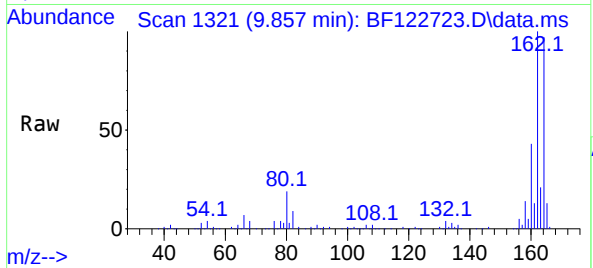
Tgt Ion:142 Resp: 605598
Ion Ratio Lower Upper
142 100
141 92.4 74.5 111.7
116 3.5 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

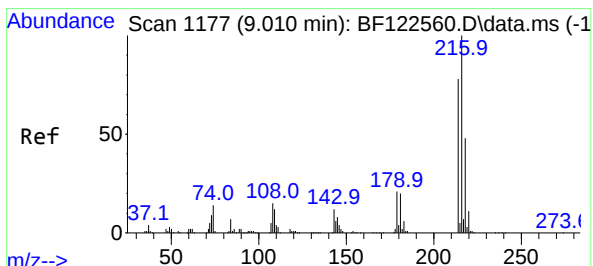
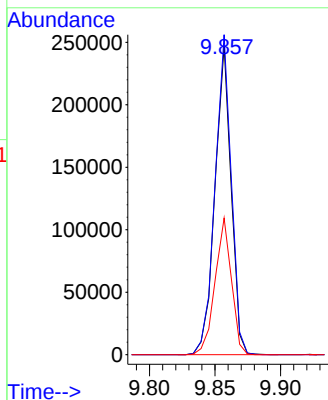
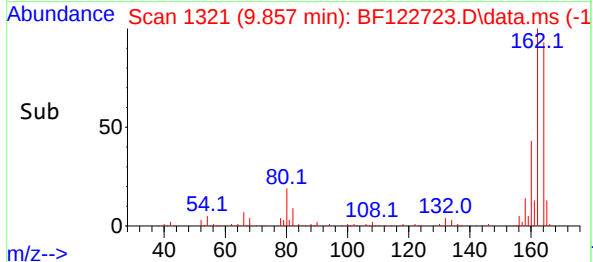
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS



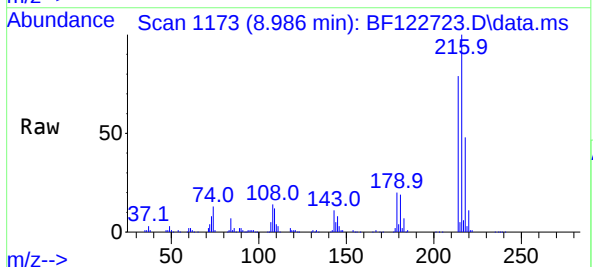
Tgt Ion:164 Resp: 211284
Ion Ratio Lower Upper
164 100
162 103.6 80.8 121.2
160 44.2 35.4 53.0

Manual Integrations
APPROVED

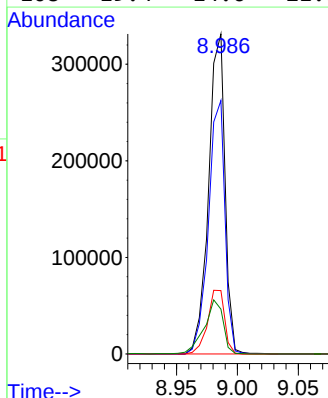
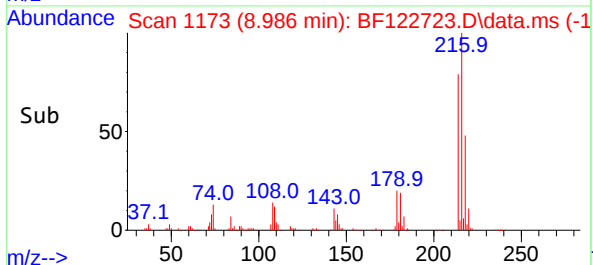
mohammad
12/17/2020 9:53:35 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.24 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



Tgt Ion:216 Resp: 309575
Ion Ratio Lower Upper
216 100
214 79.5 63.1 94.7
179 20.7 17.1 25.7
108 19.4 14.6 21.8





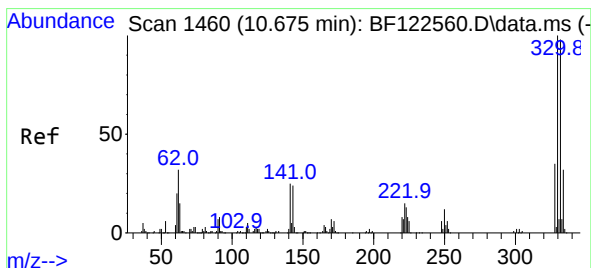
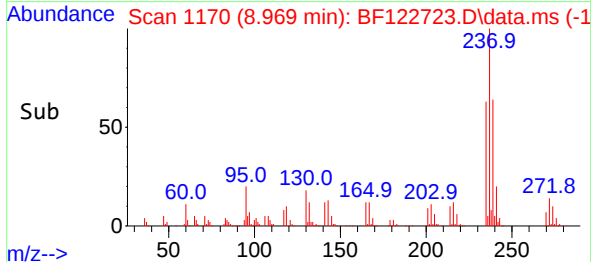
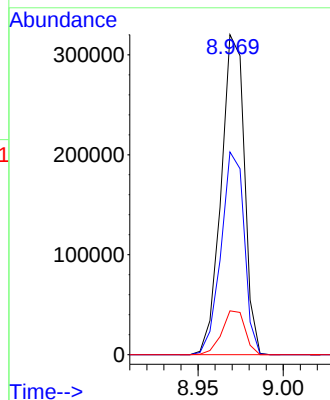
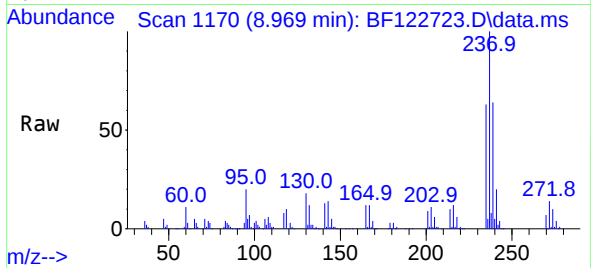
#41
Hexachlorocyclopentadiene
Concen: 98.12 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:237 Resp: 303589
Ion Ratio Lower Upper
237 100
235 63.4 40.9 80.9
272 13.7 0.0 33.4

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

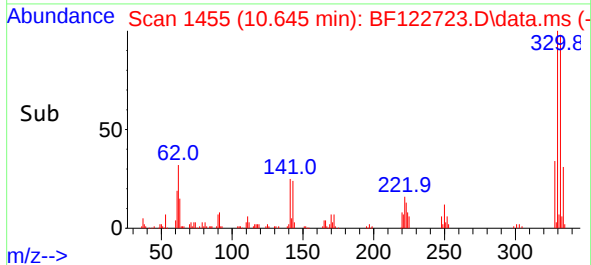
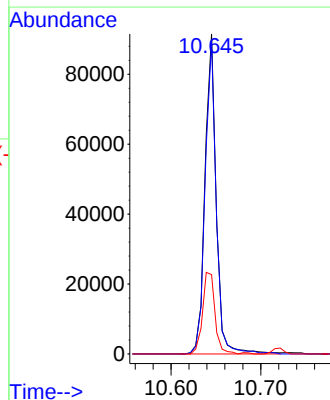
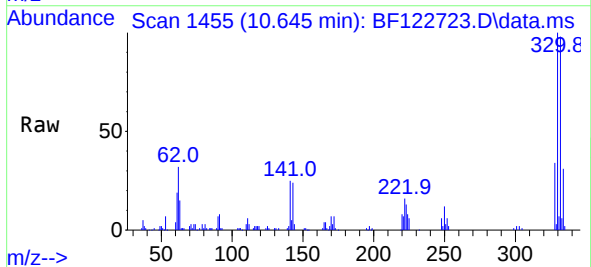
Manual Integrations
APPROVED

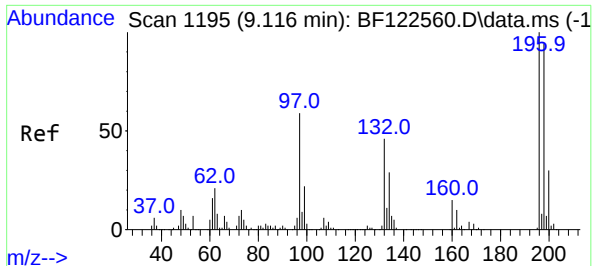
mohammad
12/17/2020 9:53:35 AM



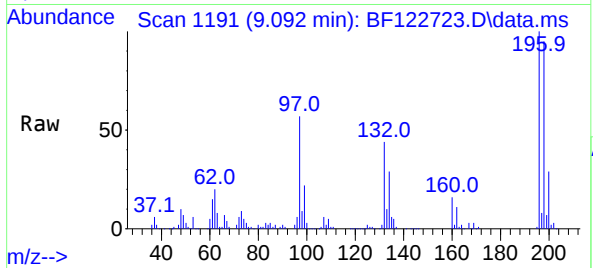
#42
2,4,6-Tribromophenol
Concen: 28.69 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:330 Resp: 79346
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 28.2 23.8 35.8

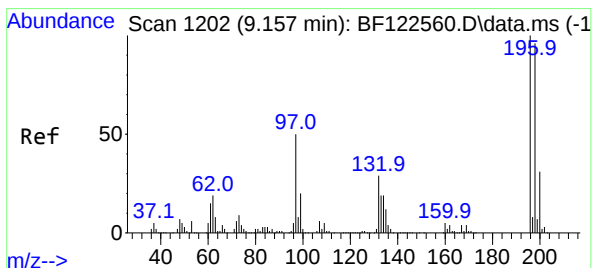
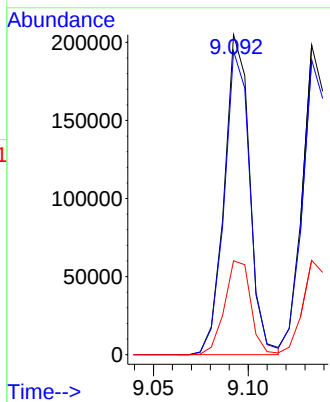
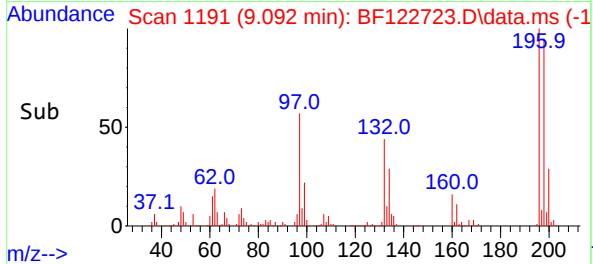




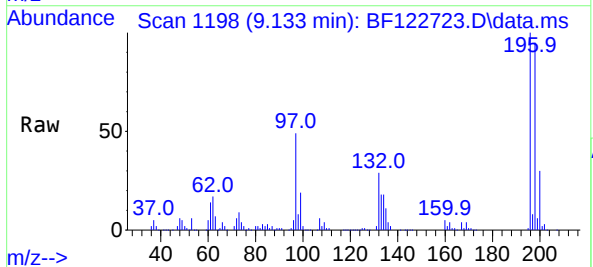
#43
2,4,6-Trichlorophenol
Concen: 39.34 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



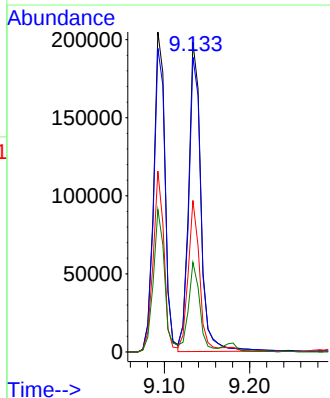
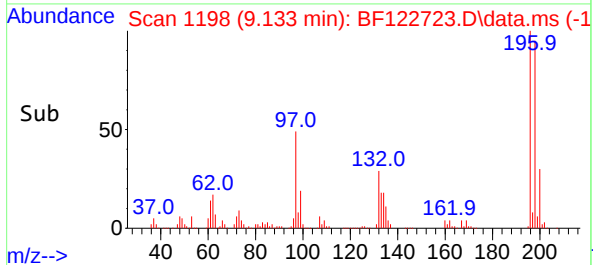
Tgt Ion:196 Resp: 190127
Ion Ratio Lower Upper
196 100
198 94.9 75.1 112.7
200 29.4 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 39.56 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



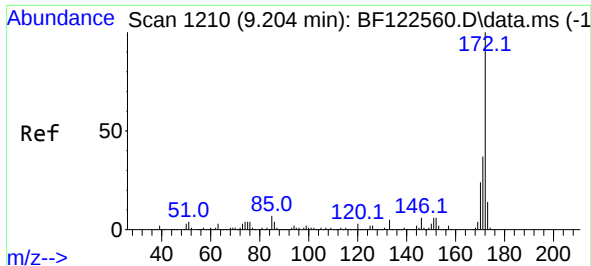
Tgt Ion:196 Resp: 197628
Ion Ratio Lower Upper
196 100
198 95.2 76.5 114.7
97 48.9 40.1 60.1
132 28.9 23.3 34.9



Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



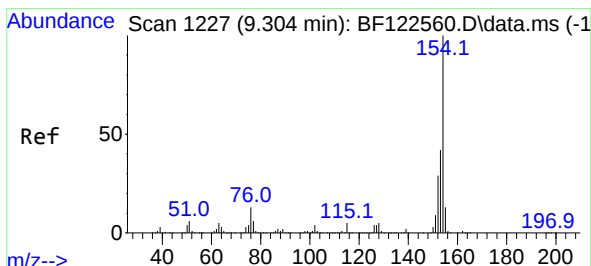
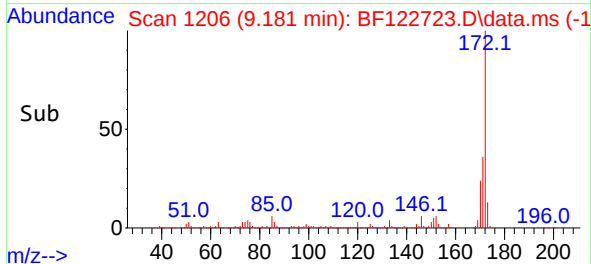
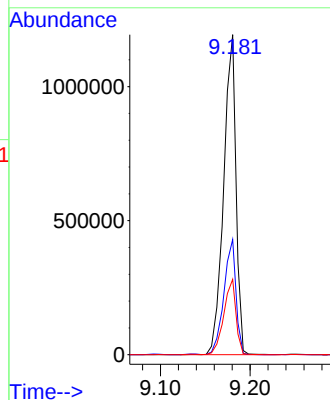
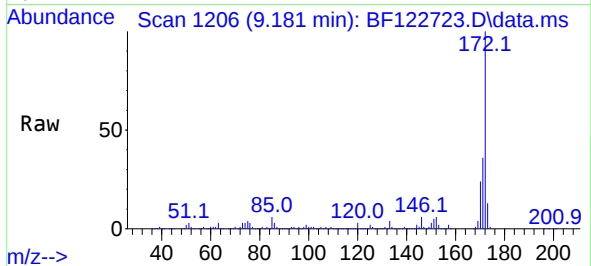
#45
2-Fluorobiphenyl
Concen: 73.04 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:172 Resp: 1140940
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.5 19.5 29.3

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

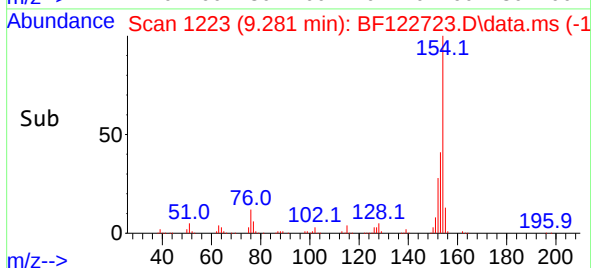
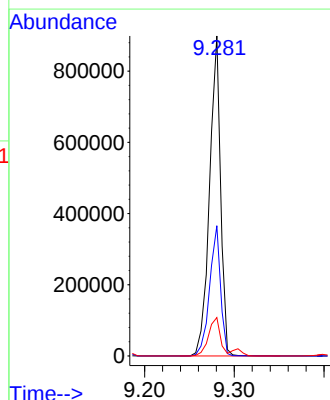
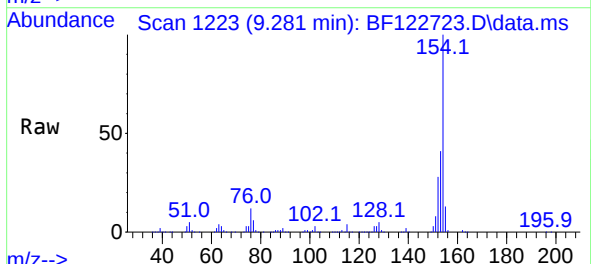
Manual Integrations
APPROVED

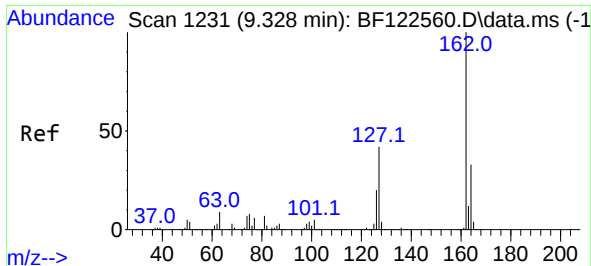
mohammad
12/17/2020 9:53:35 AM



#46
1,1'-Biphenyl
Concen: 43.74 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:154 Resp: 767058
Ion Ratio Lower Upper
154 100
153 40.7 21.8 61.8
76 12.0 0.0 33.4





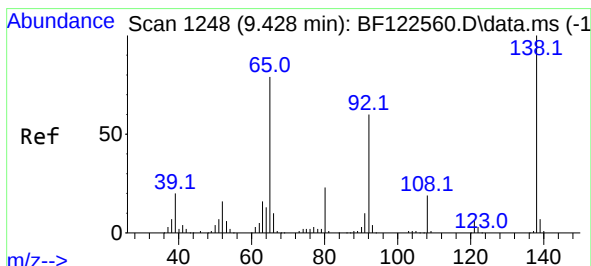
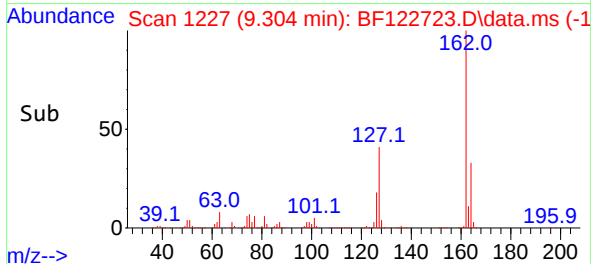
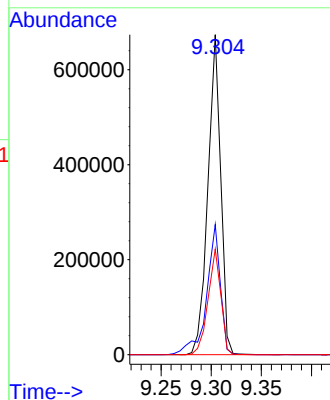
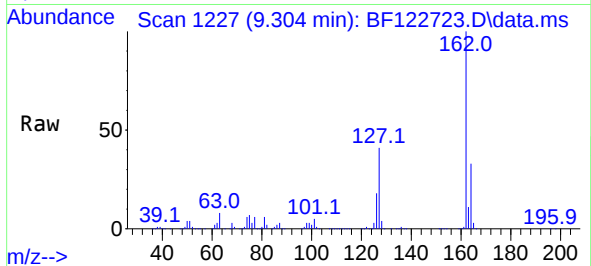
#47
2-Chloronaphthalene
Concen: 41.53 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion: 162 Resp: 603385
Ion Ratio Lower Upper
162 100
127 40.7 33.8 50.8
164 33.0 26.5 39.7

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

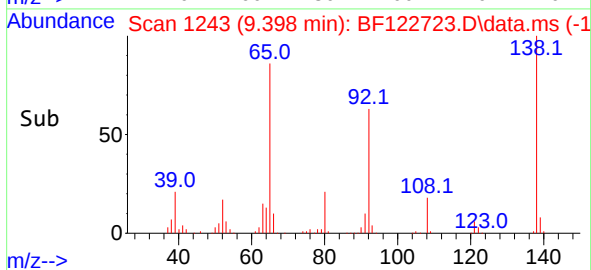
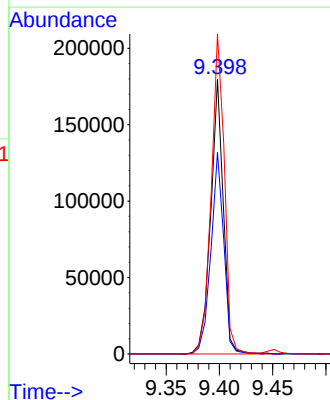
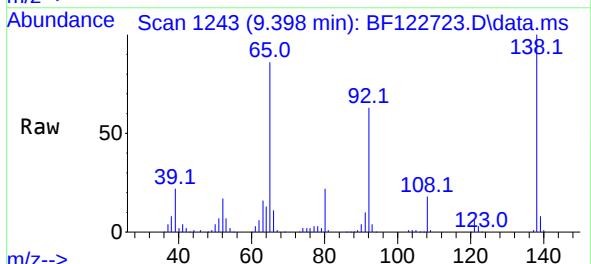
Manual Integrations
APPROVED

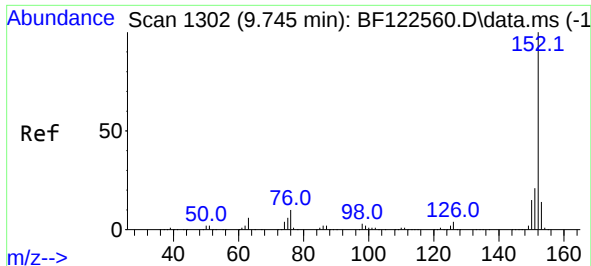
mohammad
12/17/2020 9:53:35 AM



#48
2-Nitroaniline
Concen: 35.20 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

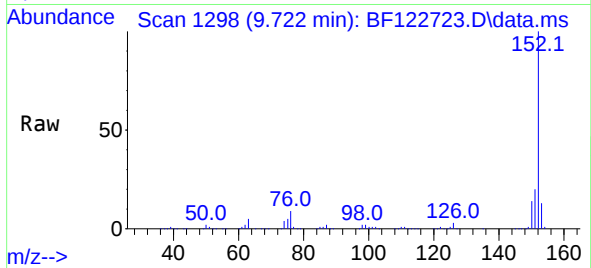
Tgt Ion: 65 Resp: 149113
Ion Ratio Lower Upper
65 100
92 73.4 60.0 90.0
138 116.4 100.6 151.0





#49
Acenaphthylene
Concen: 42.03 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

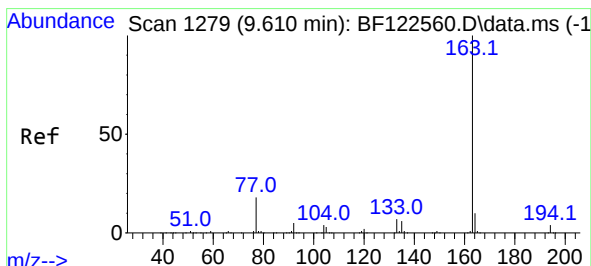
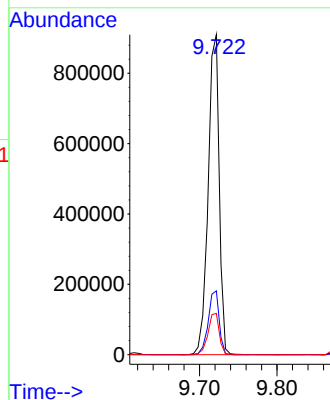
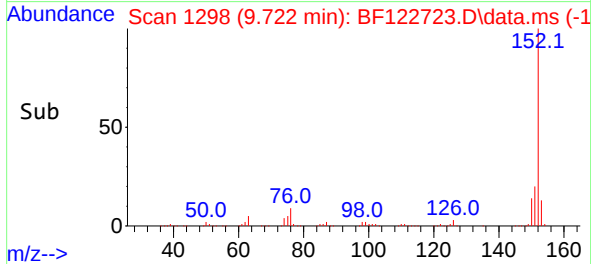
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS



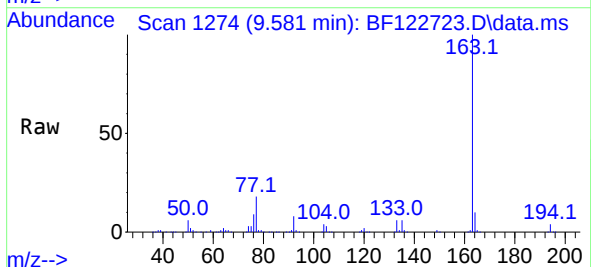
Tgt Ion:152 Resp: 901894
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 12.9 10.9 16.3

Manual Integrations
APPROVED

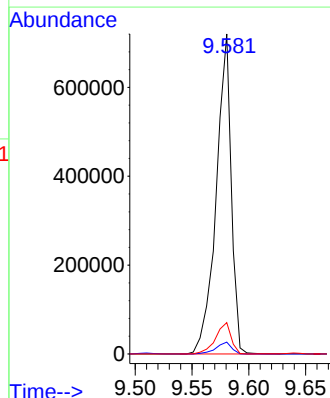
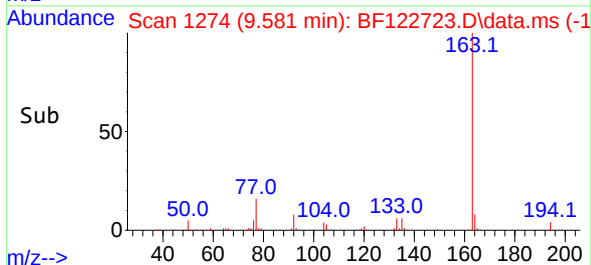
mohammad
12/17/2020 9:53:35 AM

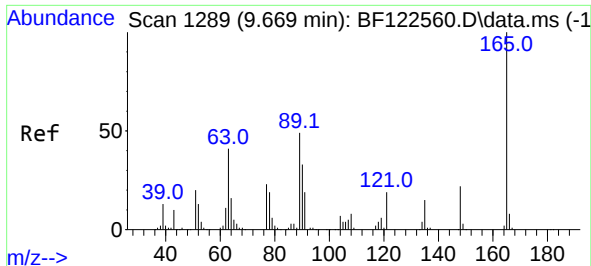


#50
Dimethylphthalate
Concen: 39.42 ng
RT: 9.581 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

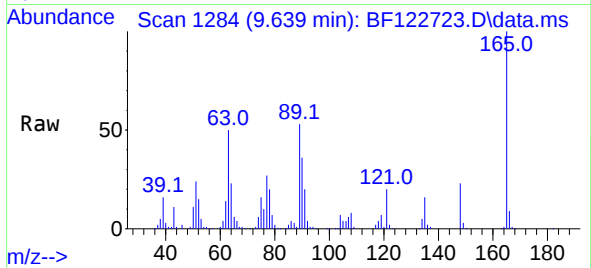


Tgt Ion:163 Resp: 665094
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.8 8.1 12.1

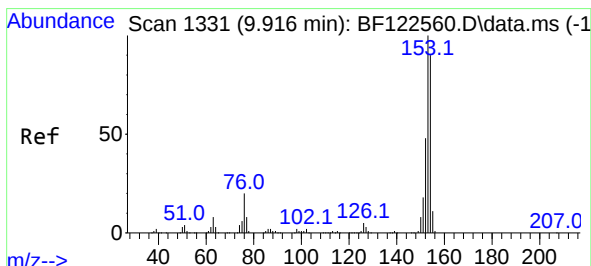
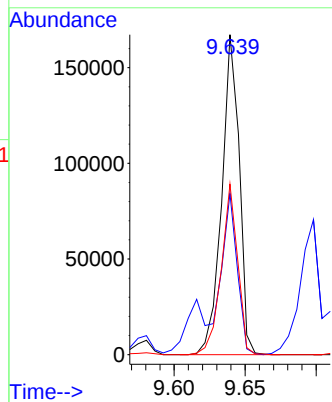
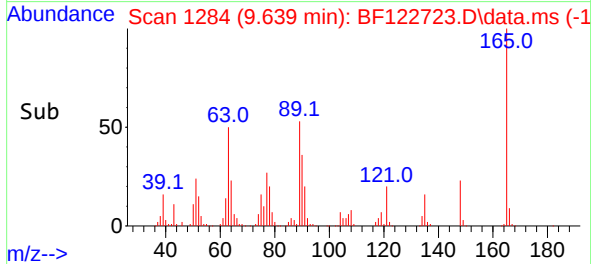




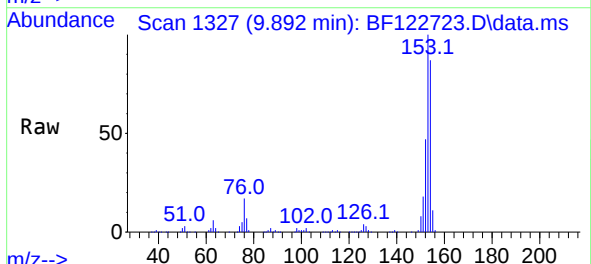
#51
2,6-Dinitrotoluene
Concen: 40.11 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



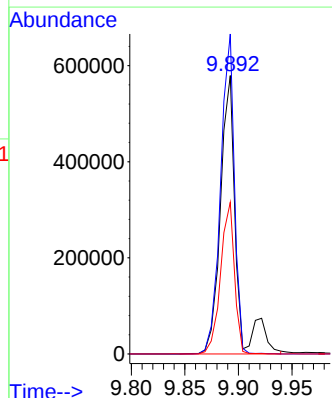
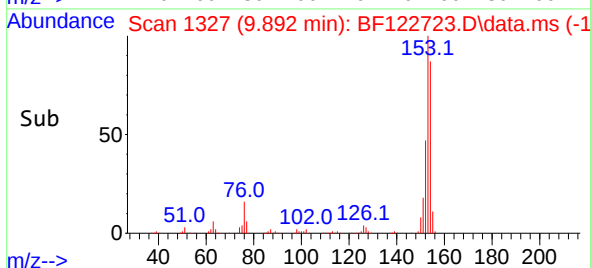
Tgt Ion:165 Resp: 142942
Ion Ratio Lower Upper
165 100
63 50.4 36.6 55.0
89 53.3 39.4 59.0



#52
Acenaphthene
Concen: 42.80 ng m
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



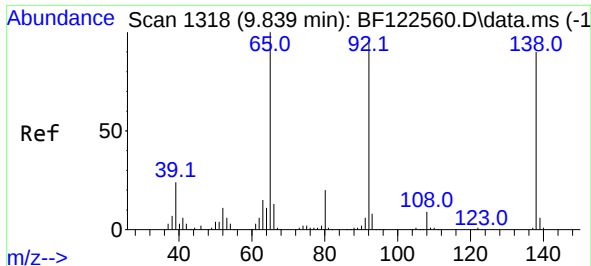
Tgt Ion:154 Resp: 594196
Ion Ratio Lower Upper
154 100
153 114.9 89.0 133.6
152 54.5 42.7 64.1



Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



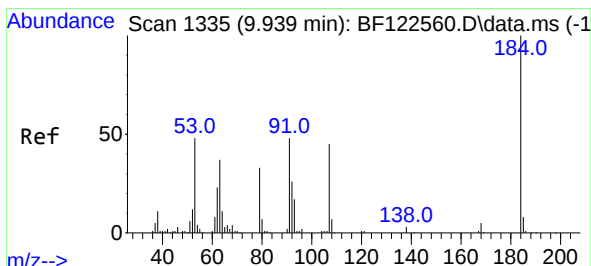
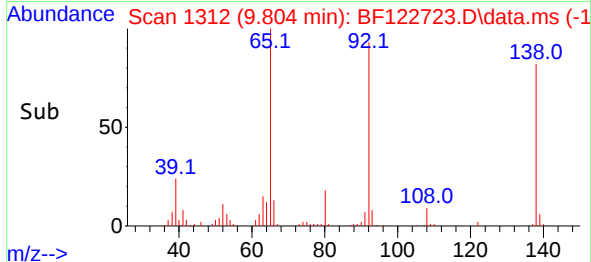
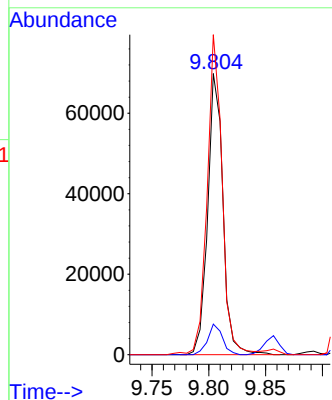
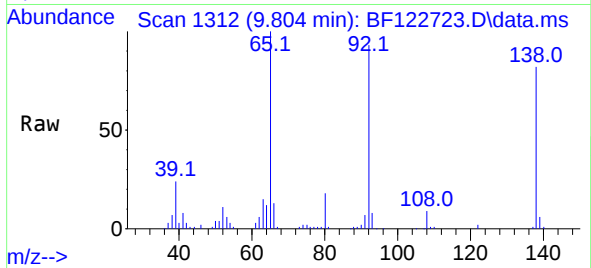
#53
3-Nitroaniline
Concen: 15.81 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:138 Resp: 65105
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 113.8 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

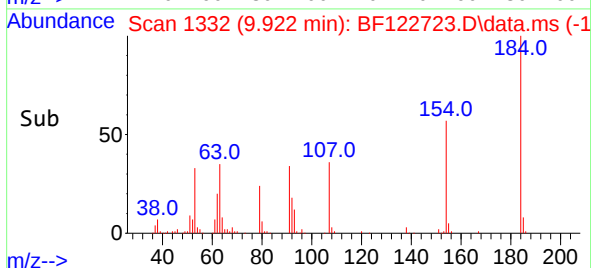
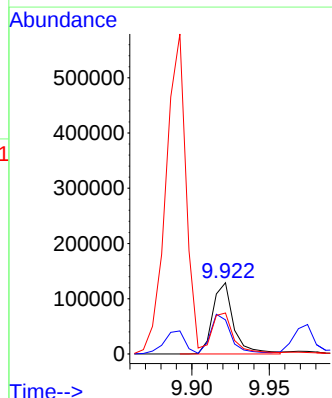
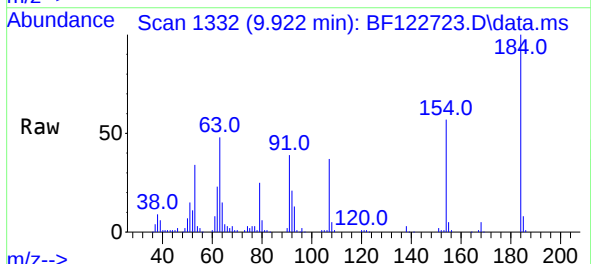
Manual Integrations
APPROVED

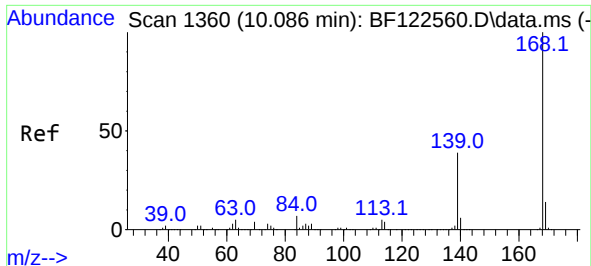
mohammad
12/17/2020 9:53:35 AM



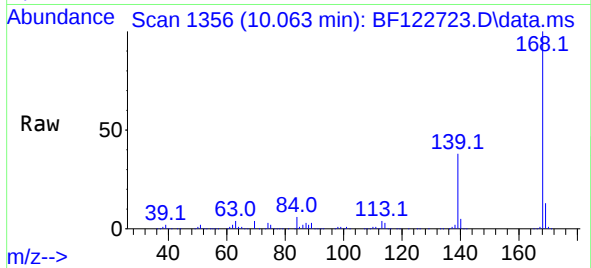
#54
2,4-Dinitrophenol
Concen: 69.14 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:184 Resp: 120478
Ion Ratio Lower Upper
184 100
63 47.8 51.4 77.2#
154 57.4 49.7 74.5

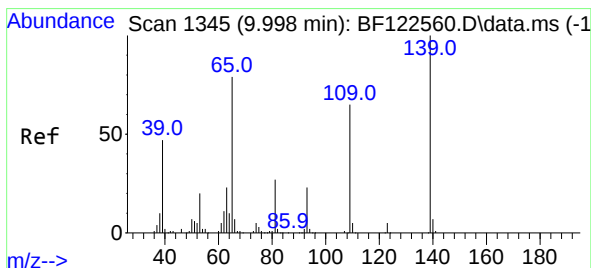
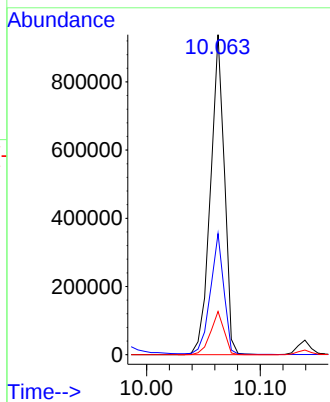
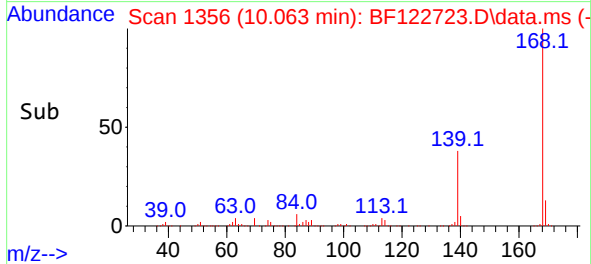




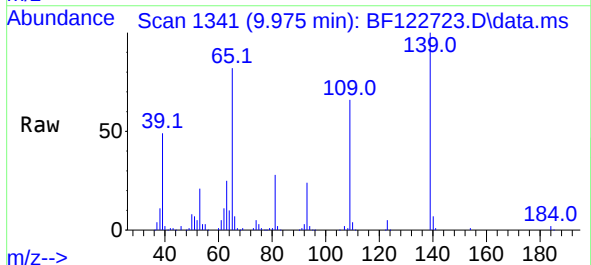
#55
Dibenzofuran
Concen: 40.79 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



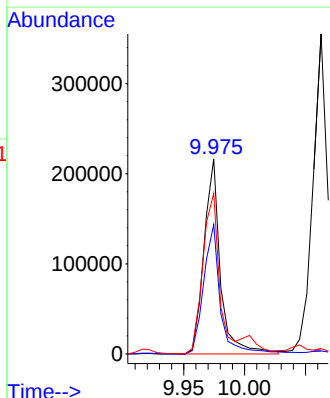
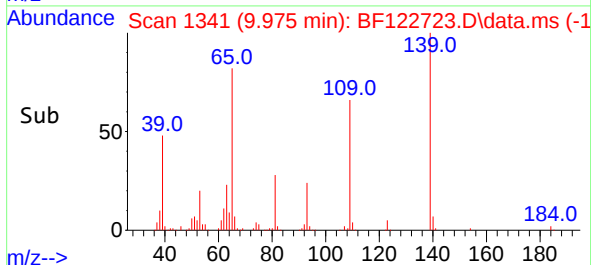
Tgt Ion:168 Resp: 796654
Ion Ratio Lower Upper
168 100
139 37.8 31.3 46.9
169 13.5 11.2 16.8



#56
4-Nitrophenol
Concen: 69.11 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



Tgt Ion:139 Resp: 202919
Ion Ratio Lower Upper
139 100
109 66.4 45.1 85.1
65 82.4 59.2 99.2



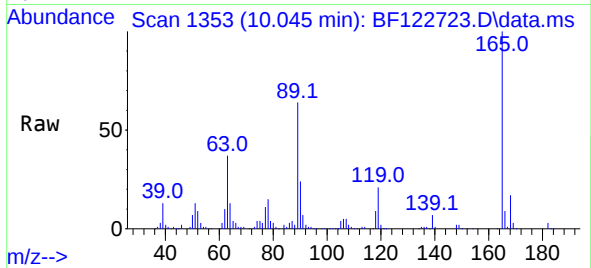
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

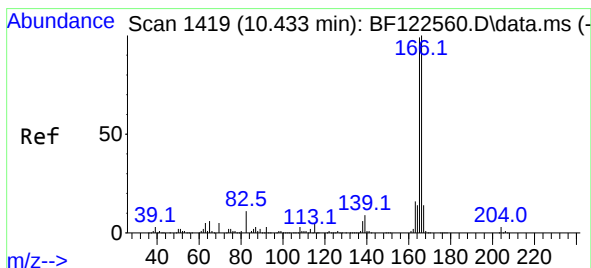
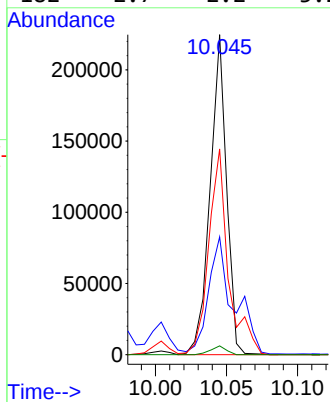
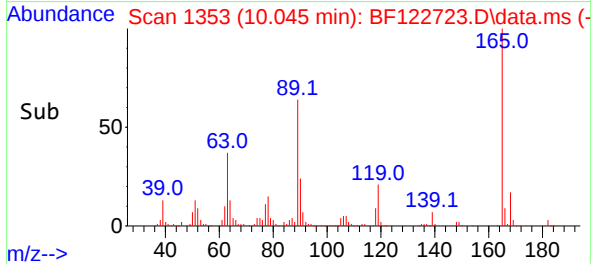
mohammad
12/17/2020 9:53:35 AM



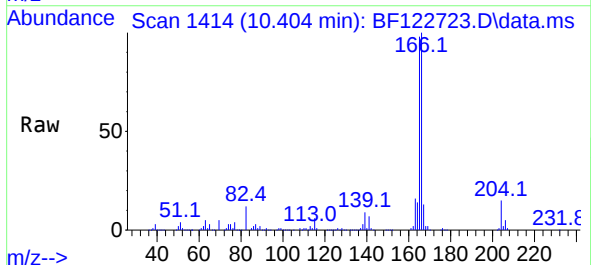
#57
2,4-Dinitrotoluene
Concen: 38.24 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



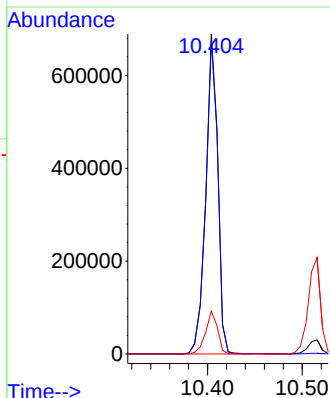
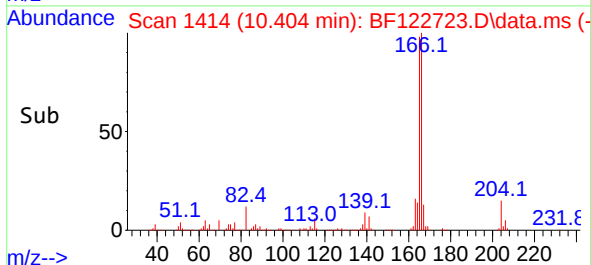
Tgt Ion:165 Resp: 181518
Ion Ratio Lower Upper
165 100
63 36.8 34.3 51.5
89 64.3 55.2 82.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.01 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



Tgt Ion:166 Resp: 605918
Ion Ratio Lower Upper
166 100
165 98.0 79.4 119.0
167 13.4 10.9 16.3



Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



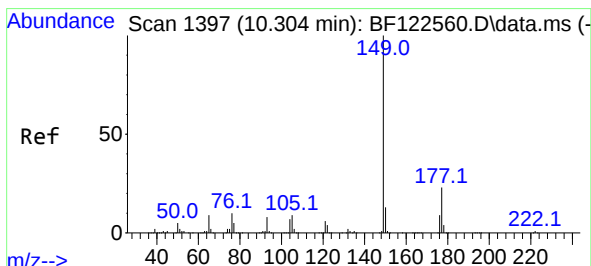
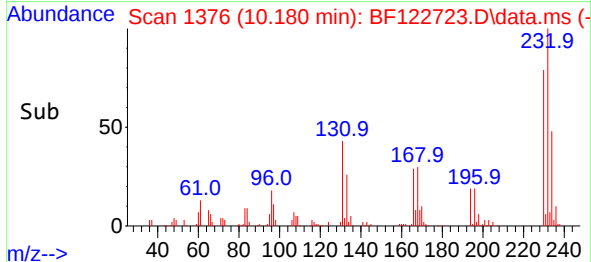
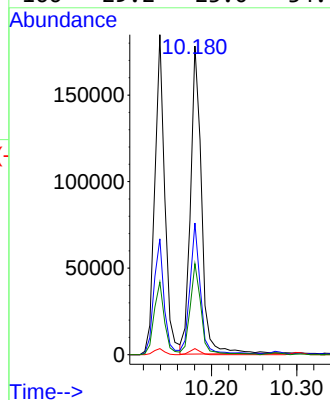
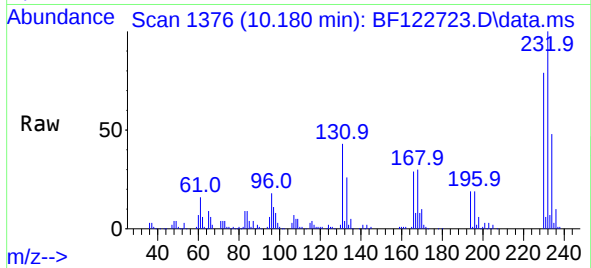
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.26 ng
RT: 10.180 min Scan# 1376
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:232 Resp: 159148
Ion Ratio Lower Upper
232 100
131 39.8 33.0 49.4
130 1.8 1.7 2.5
166 29.2 23.0 34.4

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

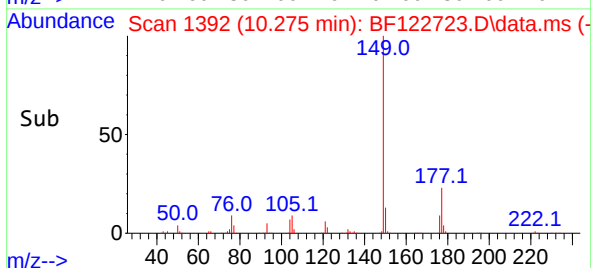
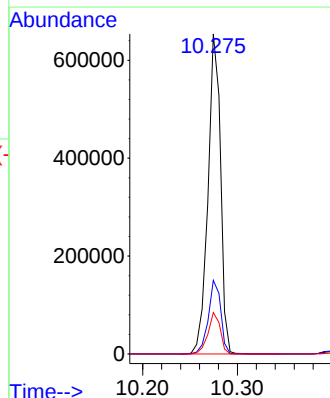
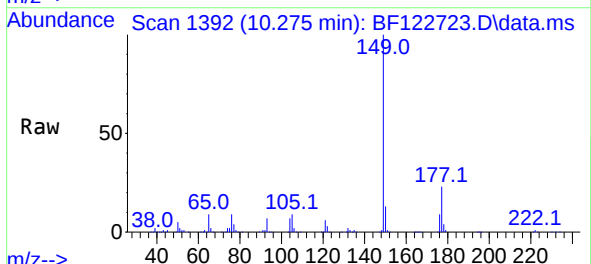
Manual Integrations
APPROVED

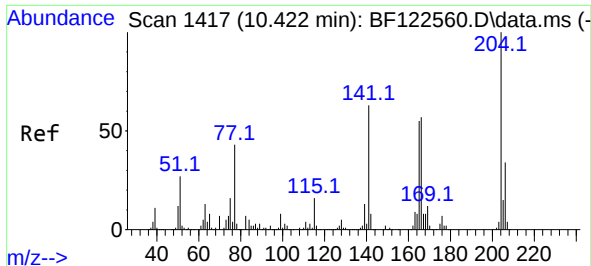
mohammad
12/17/2020 9:53:35 AM



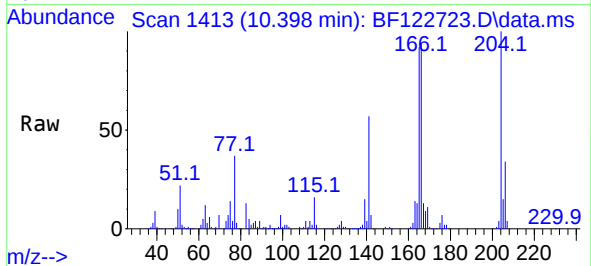
#60
Diethylphthalate
Concen: 36.47 ng
RT: 10.275 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:149 Resp: 598572
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 13.0 10.1 15.1

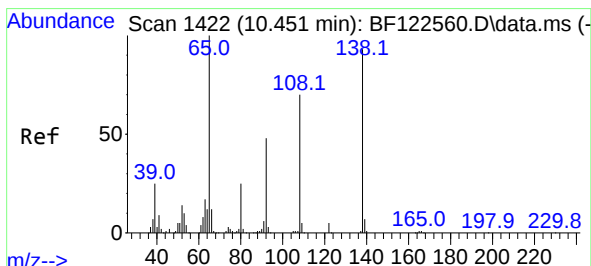
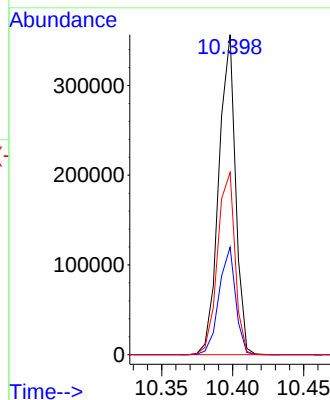
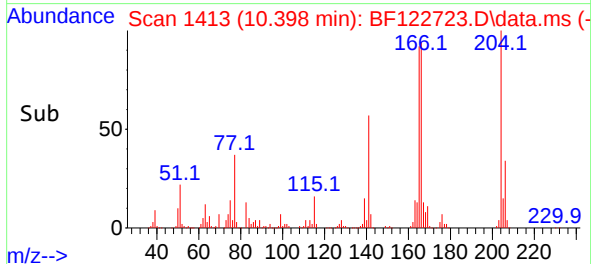




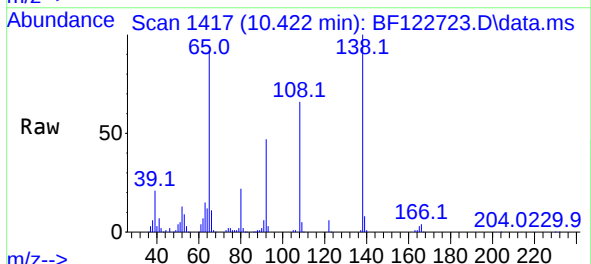
#61
4-Chlorophenyl-phenylether
Concen: 38.20 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



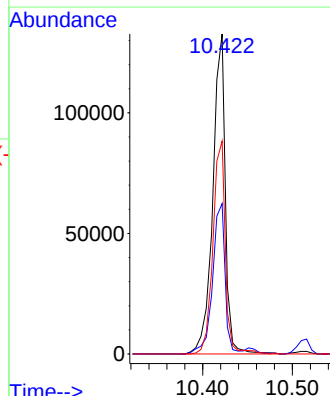
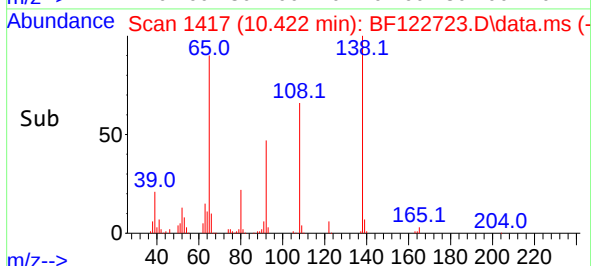
Tgt Ion:204 Resp: 292168
Ion Ratio Lower Upper
204 100
206 33.6 27.0 40.4
141 57.0 50.4 75.6



#62
4-Nitroaniline
Concen: 30.87 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



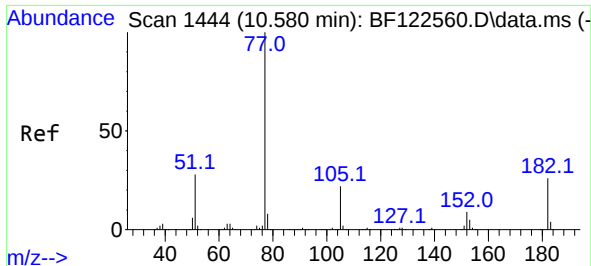
Tgt Ion:138 Resp: 129021
Ion Ratio Lower Upper
138 100
92 47.0 31.0 71.0
108 66.5 54.8 94.8



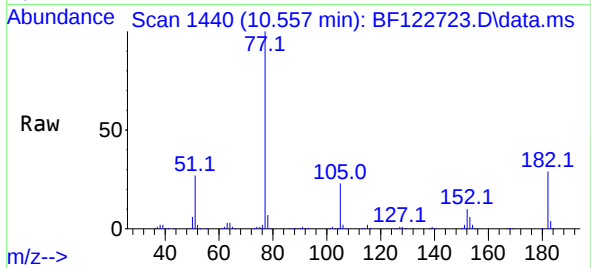
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

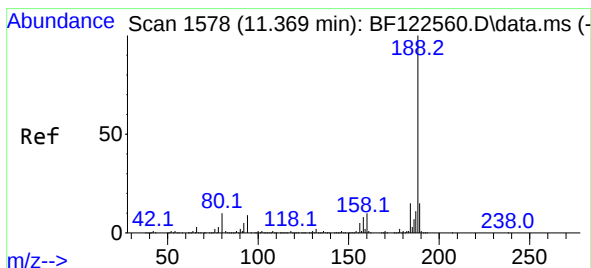
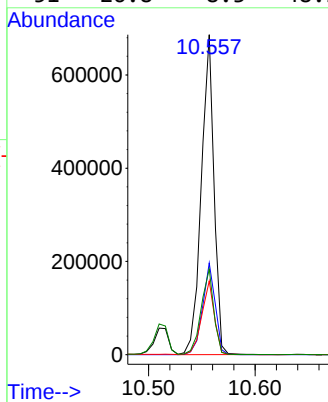
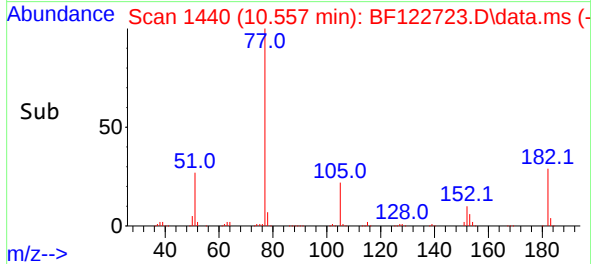
mohammad
12/17/2020 9:53:35 AM



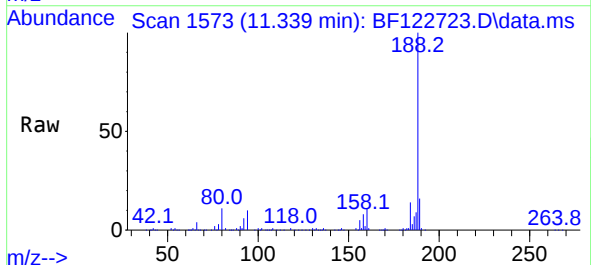
#63
Azobenzene
Concen: 37.82 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



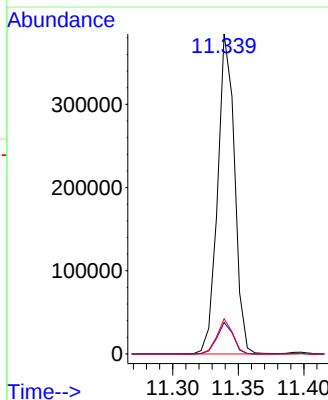
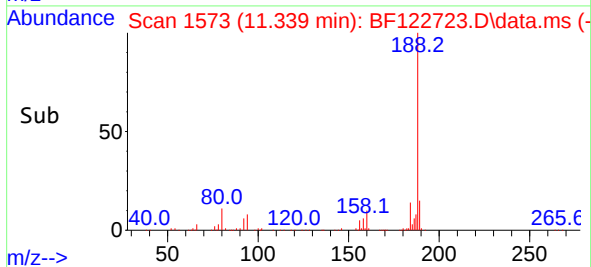
Tgt Ion: 77 Resp: 570589
Ion Ratio Lower Upper
77 100
182 28.6 5.6 45.6
105 23.1 1.8 41.8
51 26.8 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



Tgt Ion: 188 Resp: 344732
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 11.0 8.2 12.4



Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



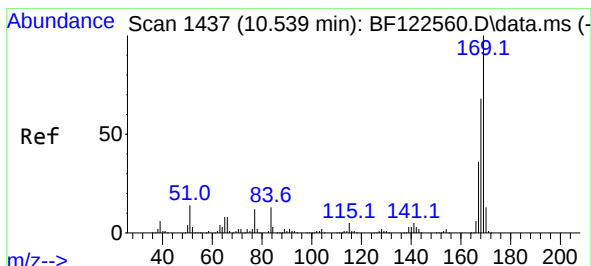
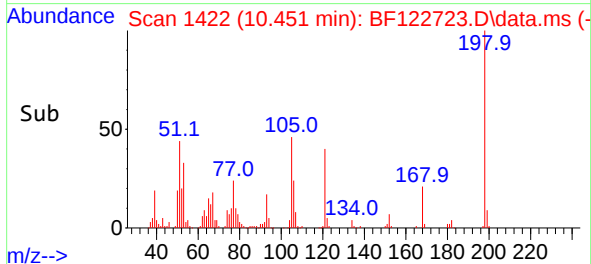
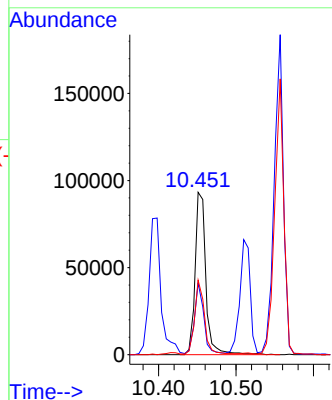
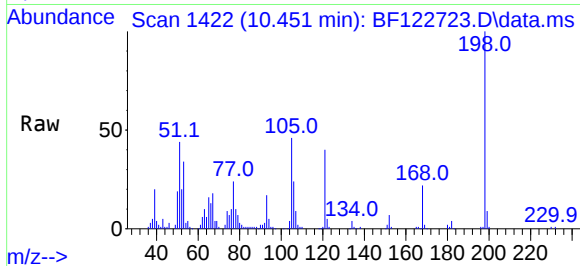
#65
4,6-Dinitro-2-methylphenol
Concen: 42.91 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:198 Resp: 90196
Ion Ratio Lower Upper
198 100
51 44.1 20.3 60.3
105 45.9 23.0 63.0

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

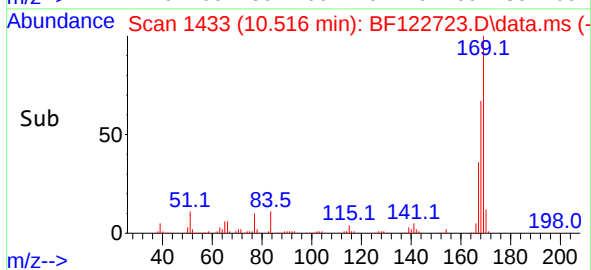
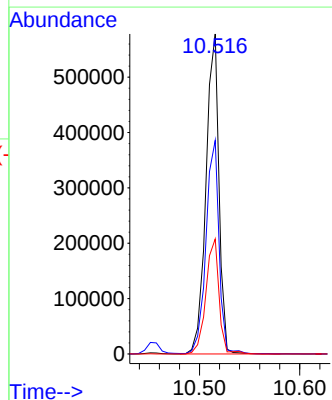
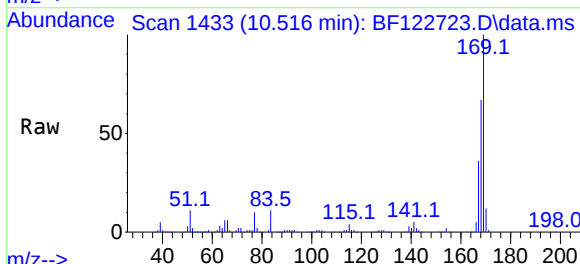
Manual Integrations
APPROVED

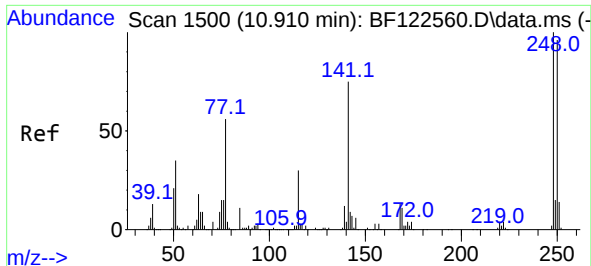
mohammad
12/17/2020 9:53:35 AM



#66
n-Nitrosodiphenylamine
Concen: 42.92 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

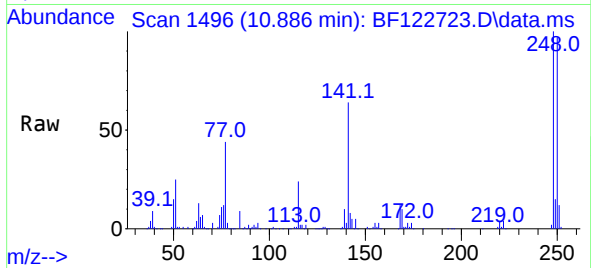
Tgt Ion:169 Resp: 522765
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.2
167 36.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 40.78 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

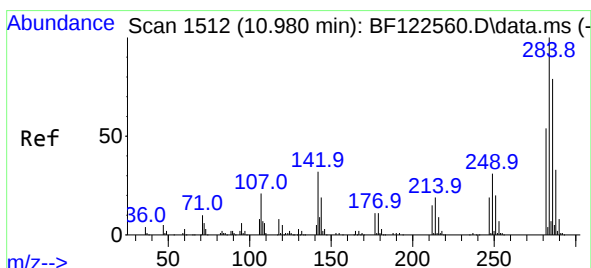
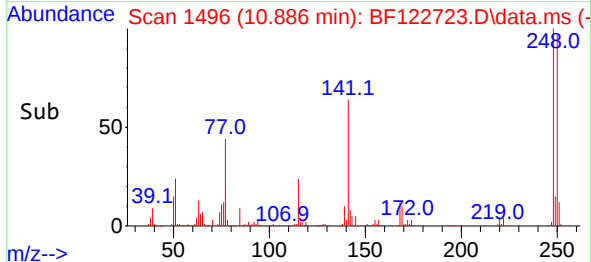
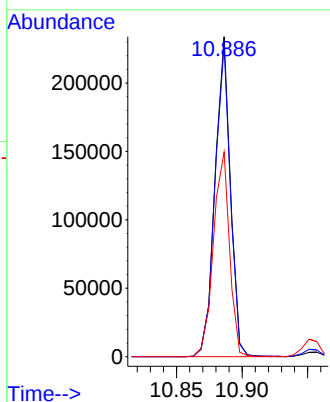
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS



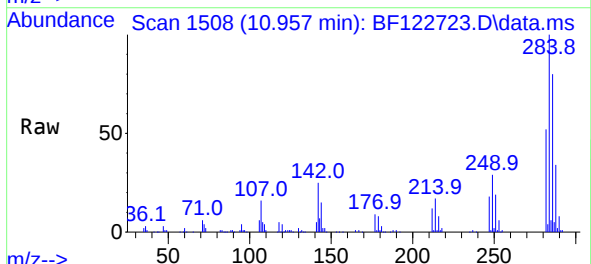
Tgt Ion:248 Resp: 190506
Ion Ratio Lower Upper
248 100
250 97.4 76.8 115.2
141 63.9 59.8 89.8

Manual Integrations
APPROVED

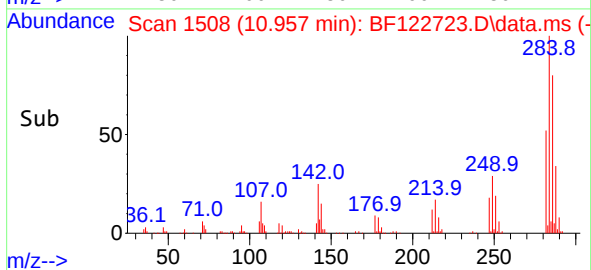
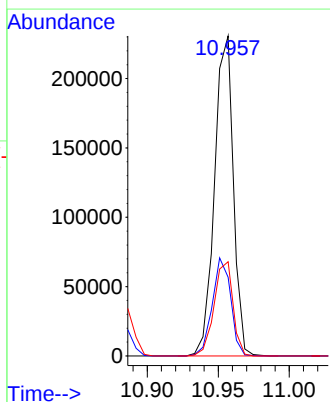
mohammad
12/17/2020 9:53:35 AM

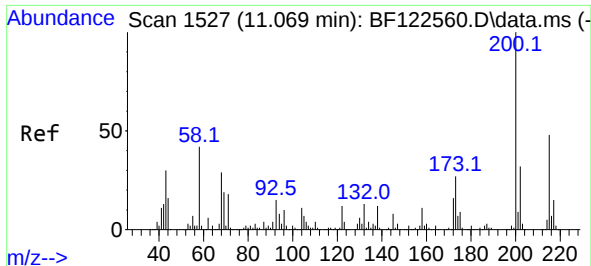


#68
Hexachlorobenzene
Concen: 41.07 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



Tgt Ion:284 Resp: 212085
Ion Ratio Lower Upper
284 100
142 24.6 25.6 38.4#
249 29.5 25.1 37.7





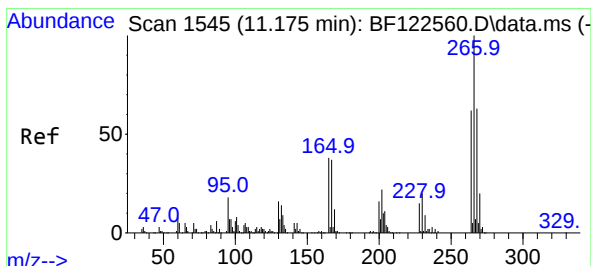
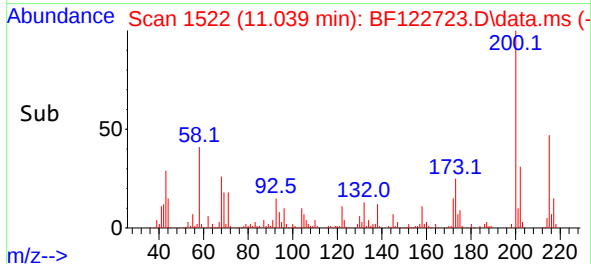
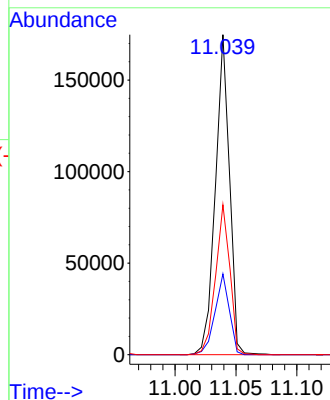
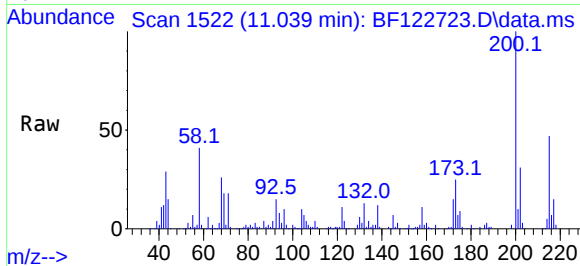
#69
Atrazine
Concen: 35.58 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:200 Resp: 140751
Ion Ratio Lower Upper
200 100
173 25.3 6.6 46.6
215 46.9 28.1 68.1

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

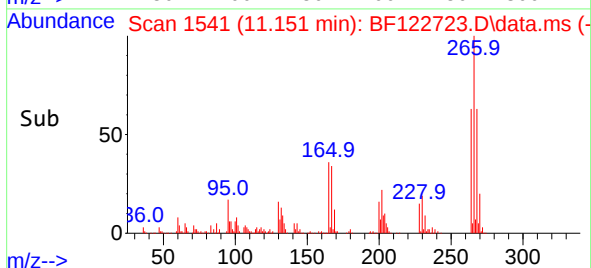
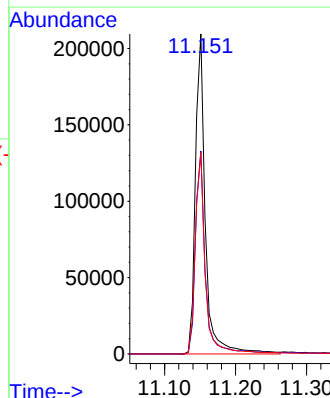
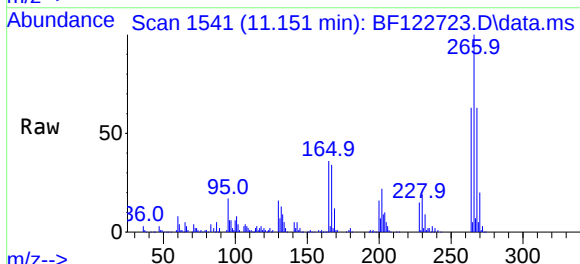
Manual Integrations
APPROVED

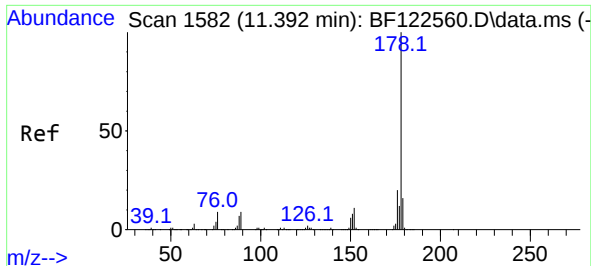
mohammad
12/17/2020 9:53:35 AM



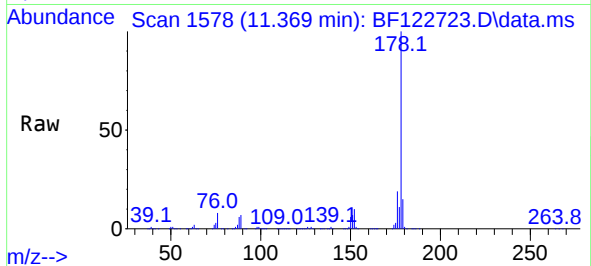
#70
Pentachlorophenol
Concen: 75.16 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:266 Resp: 205629
Ion Ratio Lower Upper
266 100
268 63.5 50.5 75.7
264 62.9 49.8 74.8

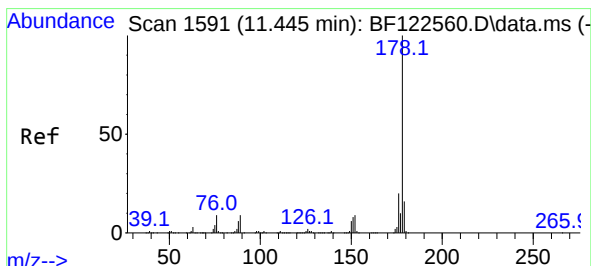
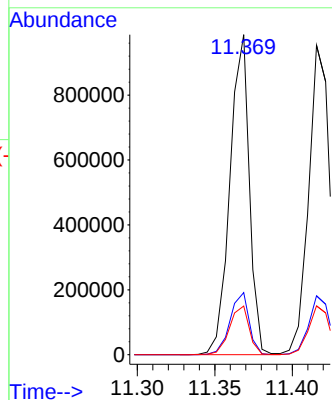
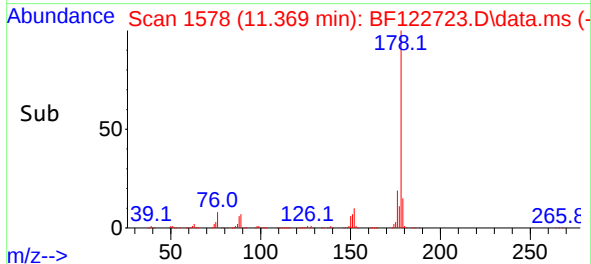




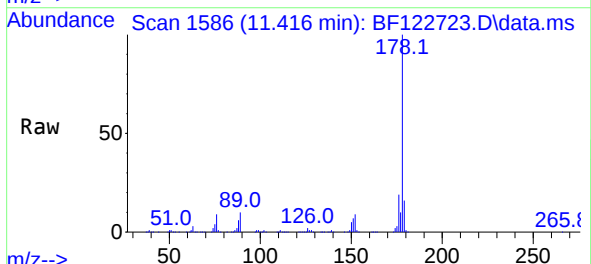
#71
Phenanthrene
Concen: 41.94 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



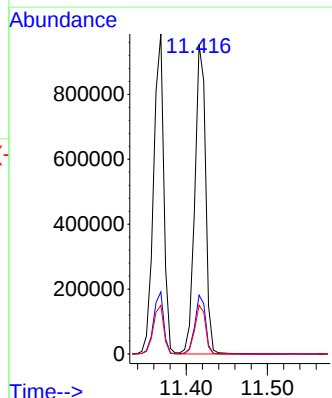
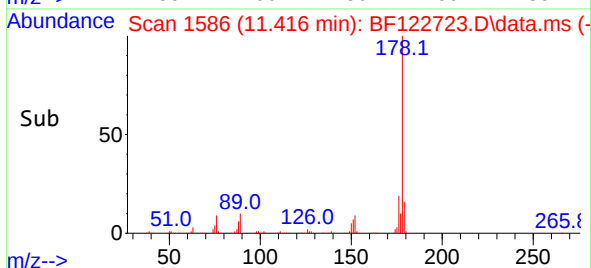
Tgt Ion:178 Resp: 859315
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.2
179 15.2 12.7 19.1



#72
Anthracene
Concen: 43.55 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



Tgt Ion:178 Resp: 884695
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.8 12.8 19.2



Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

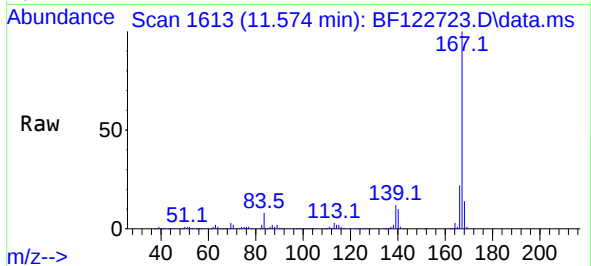
Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



#73
 Carbazole
 Concen: 41.21 ng
 RT: 11.574 min Scan# 1613
 Delta R.T. -0.000 min
 Lab File: BF122723.D
 Acq: 15 Dec 2020 19:12

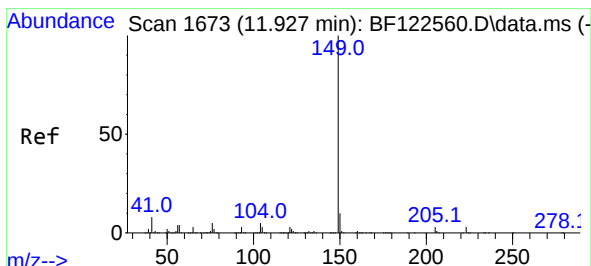
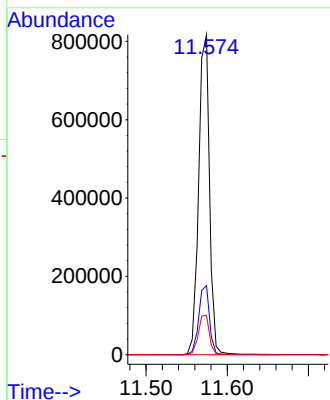
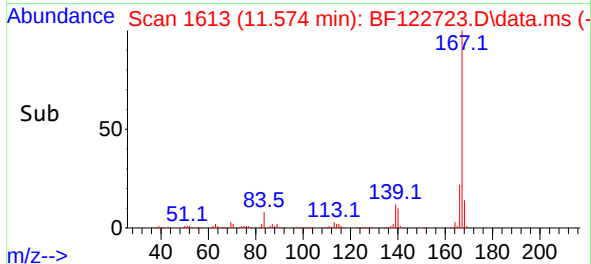
Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-016-001-SOMS



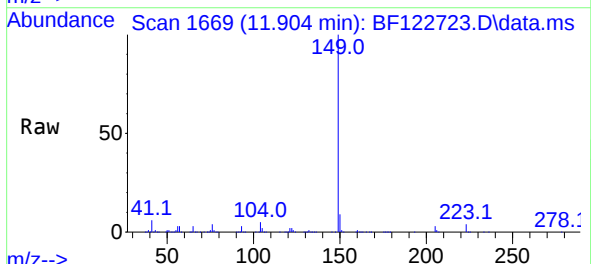
Tgt Ion:167 Resp: 759200
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 12.3 10.9 16.3

Manual Integrations
 APPROVED

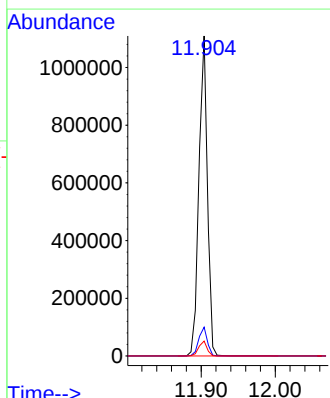
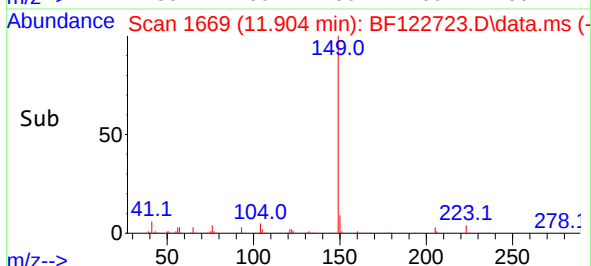
mohammad
 12/17/2020 9:53:35 AM



#74
 Di-n-butylphthalate
 Concen: 37.87 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF122723.D
 Acq: 15 Dec 2020 19:12



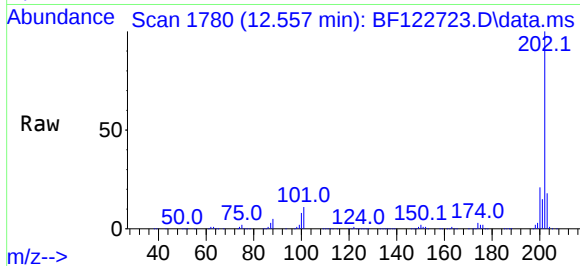
Tgt Ion:149 Resp: 876672
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 4.6 4.2 6.4





#75
Fluoranthene
Concen: 41.02 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

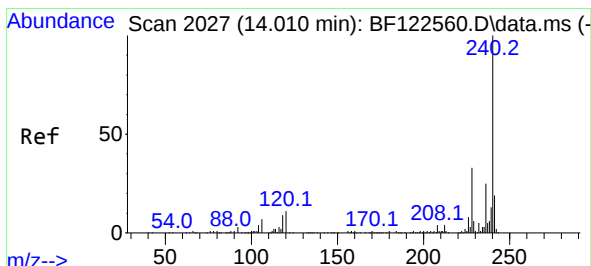
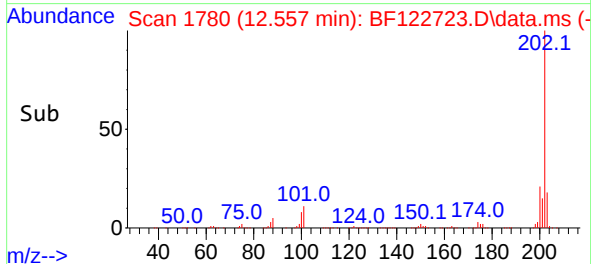
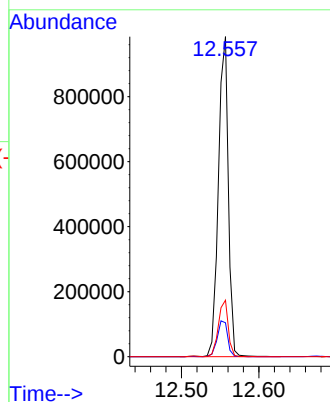
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS



Tgt Ion:202 Resp: 881178
Ion Ratio Lower Upper
202 100
101 10.6 0.0 32.2
203 17.7 0.0 38.1

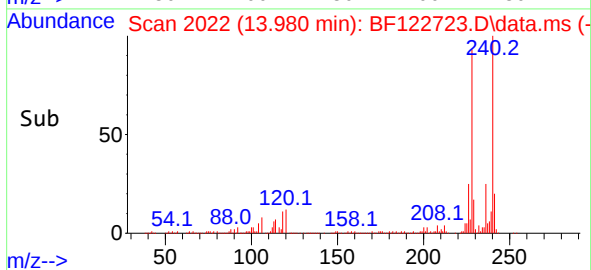
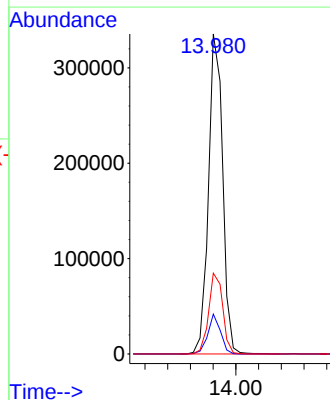
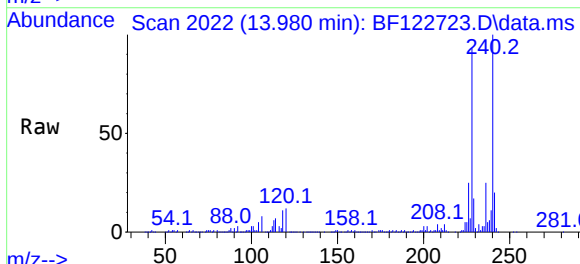
Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



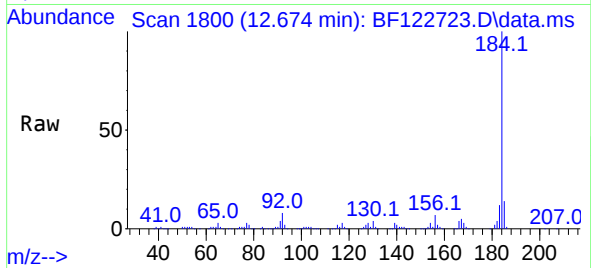
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

Tgt Ion:240 Resp: 289713
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 25.2 20.3 30.5

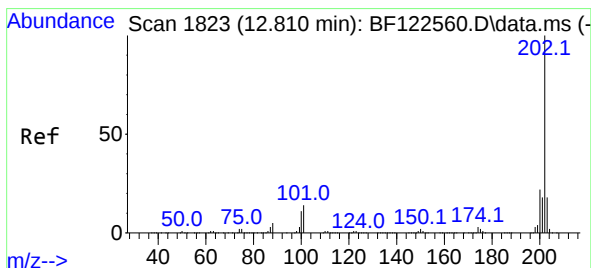
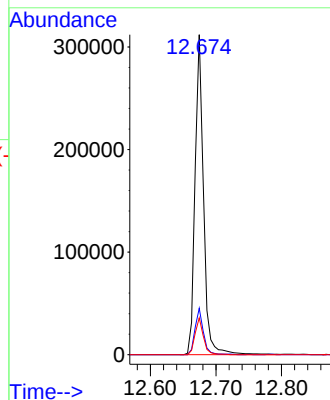
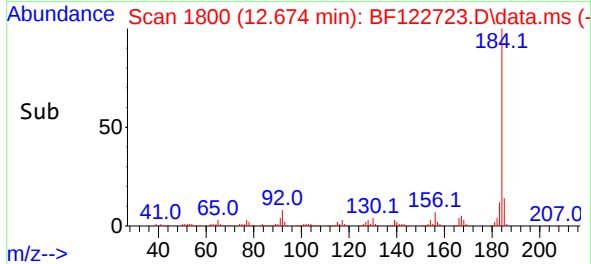




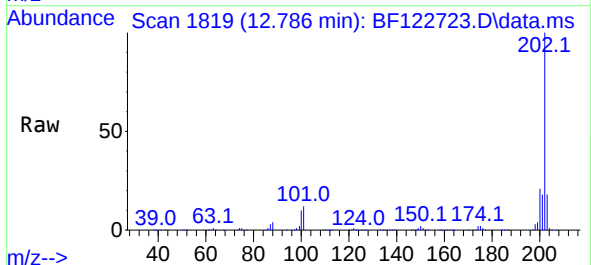
#77
Benzidine
Concen: 44.92 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



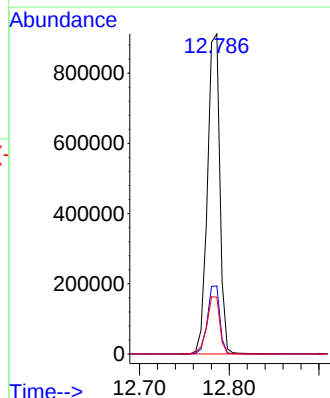
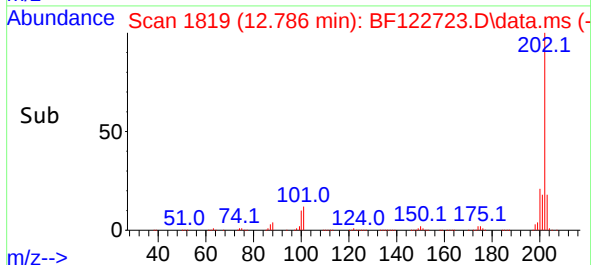
Tgt Ion:184 Resp: 281520
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 11.5 9.7 14.5



#78
Pyrene
Concen: 39.04 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



Tgt Ion:202 Resp: 874532
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 17.7 14.6 21.8



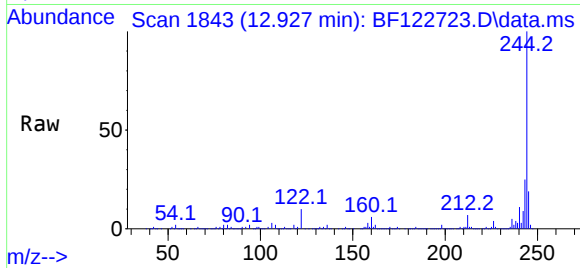
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

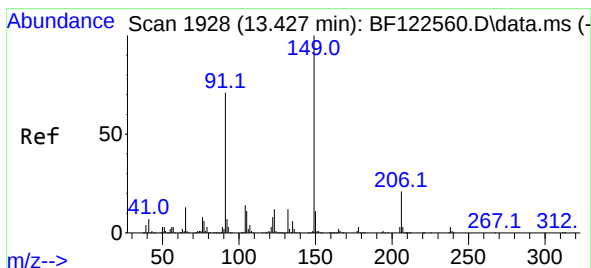
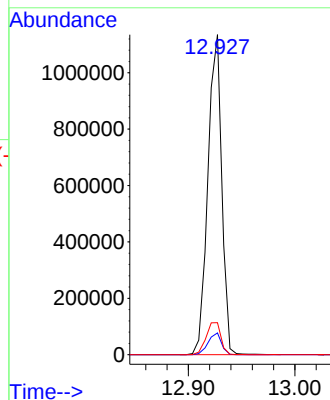
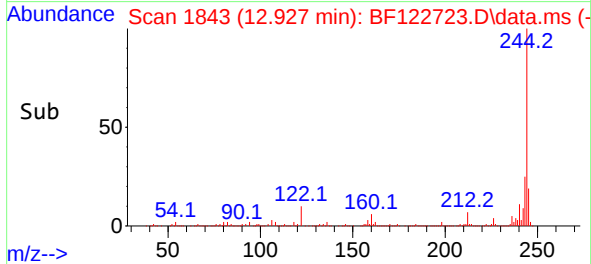
mohammad
12/17/2020 9:53:35 AM



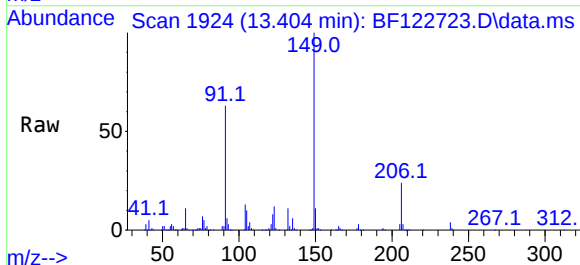
#79
Terphenyl-d14
Concen: 62.37 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



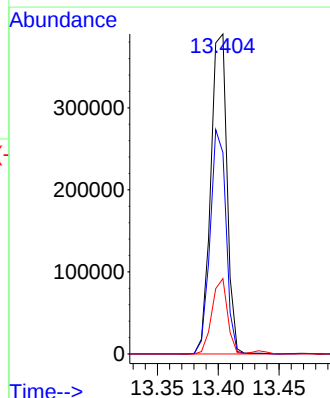
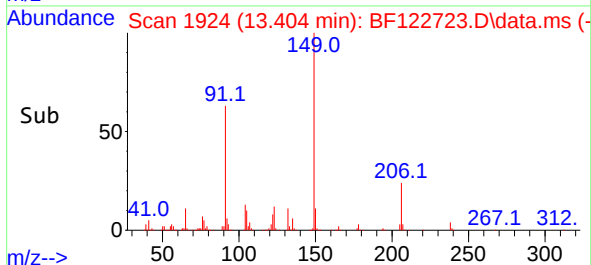
Tgt Ion:244 Resp: 1032313
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.0 8.3 12.5



#80
Butylbenzylphthalate
Concen: 36.04 ng
RT: 13.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



Tgt Ion:149 Resp: 363665
Ion Ratio Lower Upper
149 100
91 62.9 56.5 84.7
206 23.6 17.0 25.6



Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

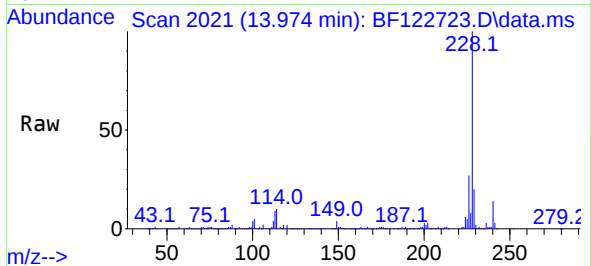
Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



#81
Benzo(a)anthracene
Concen: 41.88 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

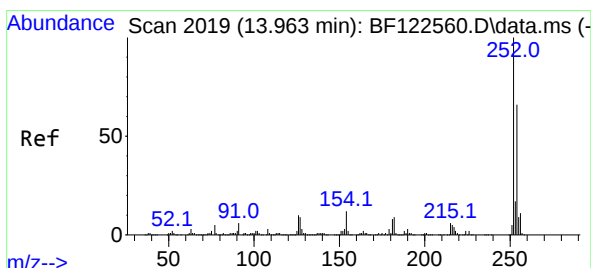
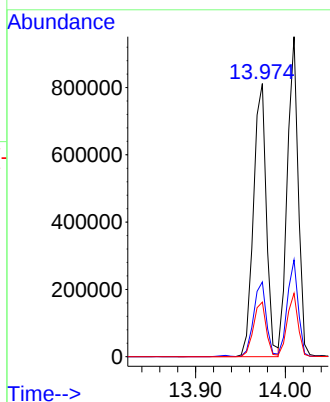
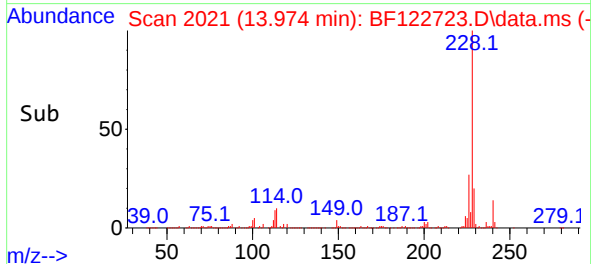
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS



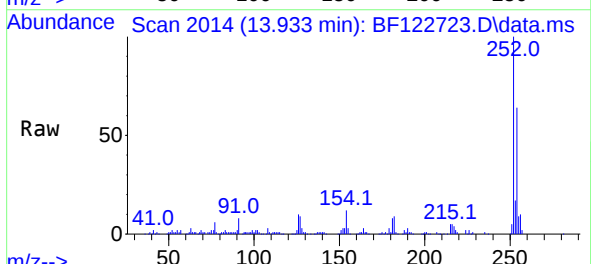
Tgt Ion:228 Resp: 810911
Ion Ratio Lower Upper
228 100
226 27.4 23.0 34.4
229 20.0 16.6 24.8

Manual Integrations
APPROVED

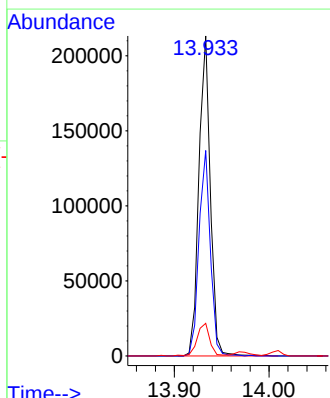
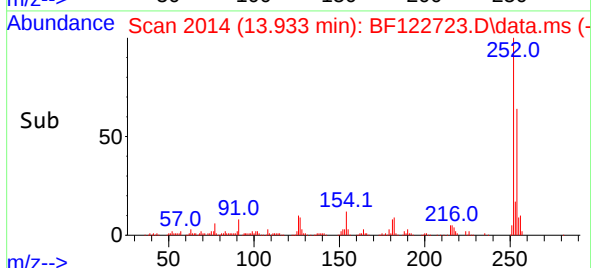
mohammad
12/17/2020 9:53:35 AM

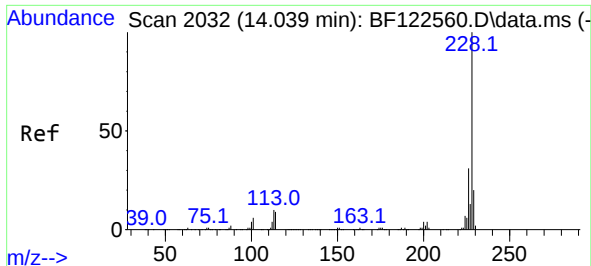


#82
3,3'-Dichlorobenzidine
Concen: 25.73 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

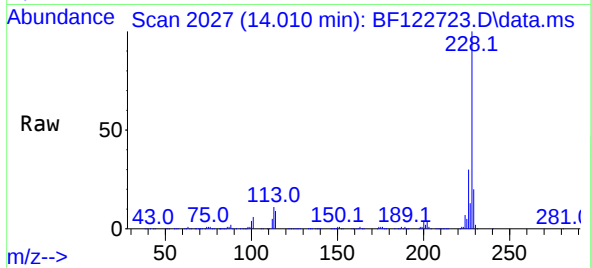


Tgt Ion:252 Resp: 178413
Ion Ratio Lower Upper
252 100
254 64.2 52.7 79.1
126 10.2 8.0 12.0

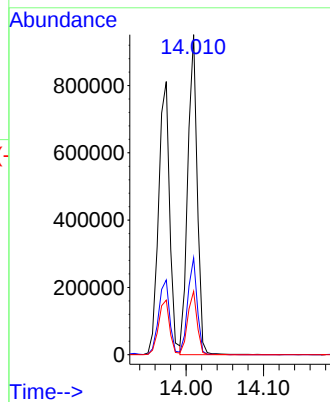
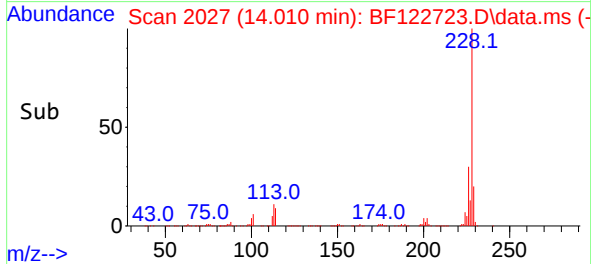




#83
Chrysene
Concen: 41.78 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



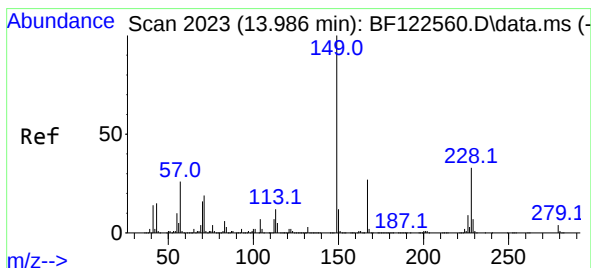
Tgt Ion:228 Resp: 805008
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 19.8 15.8 23.6



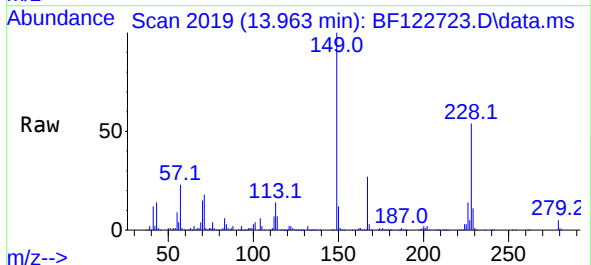
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

Manual Integrations
APPROVED

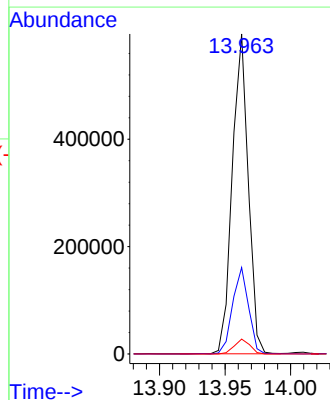
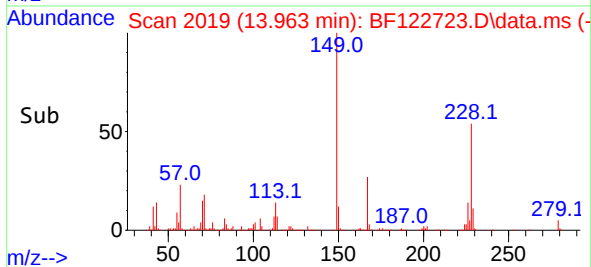
mohammad
12/17/2020 9:53:35 AM

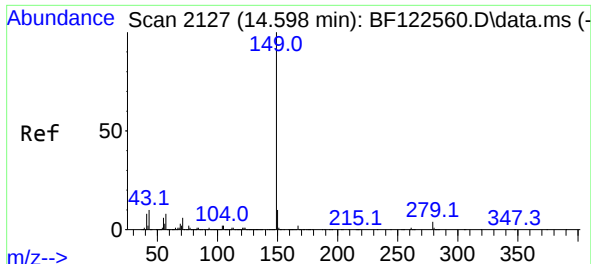


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.49 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

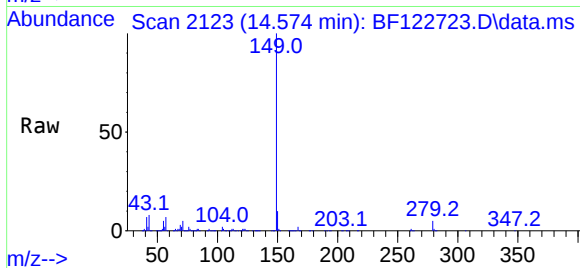


Tgt Ion:149 Resp: 504218
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.2
279 4.6 3.4 5.0

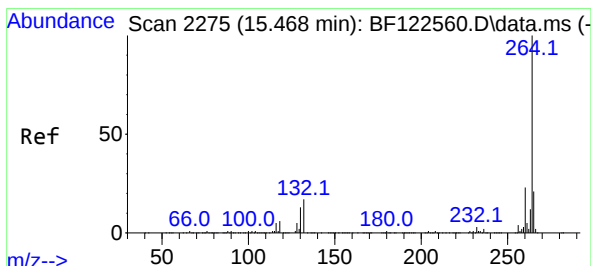
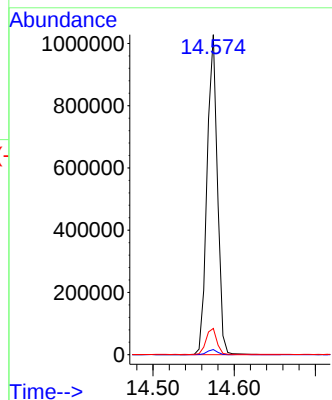
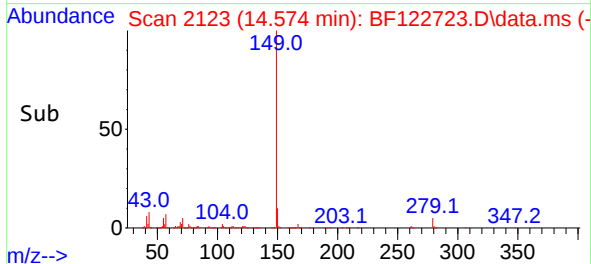




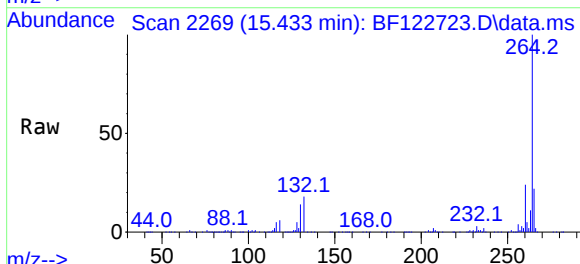
#85
Di-n-octyl phthalate
Concen: 39.64 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



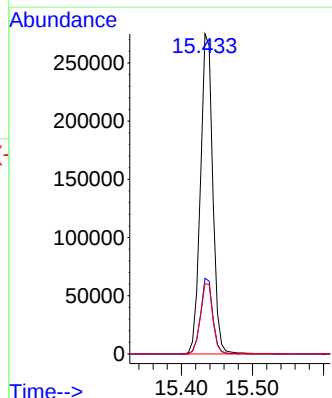
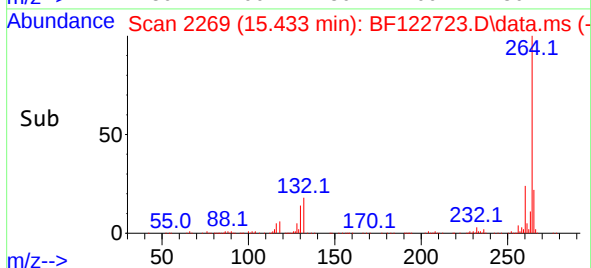
Tgt Ion:149 Resp: 908390
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



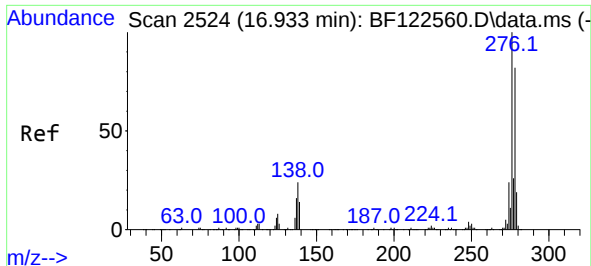
Tgt Ion:264 Resp: 332285
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.0 17.0 25.6



Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

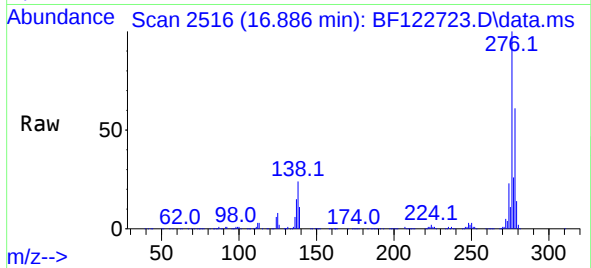
Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



#87
Indeno(1,2,3-cd)pyrene
Concen: 51.39 ng
RT: 16.886 min Scan# 2516
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

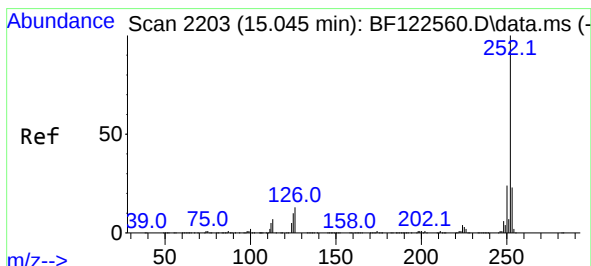
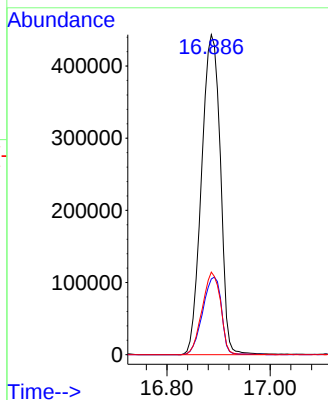
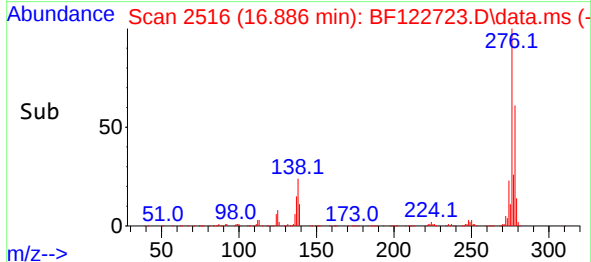
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS



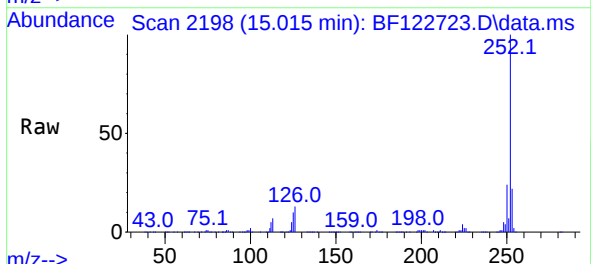
Tgt Ion:276 Resp: 1120829
Ion Ratio Lower Upper
276 100
138 24.2 18.7 28.1
277 25.3 20.2 30.4

Manual Integrations
APPROVED

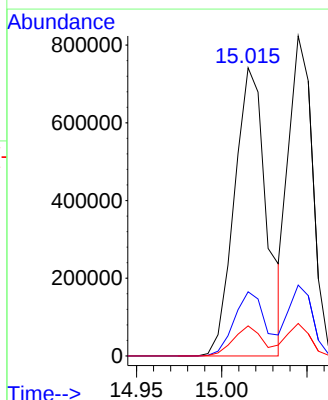
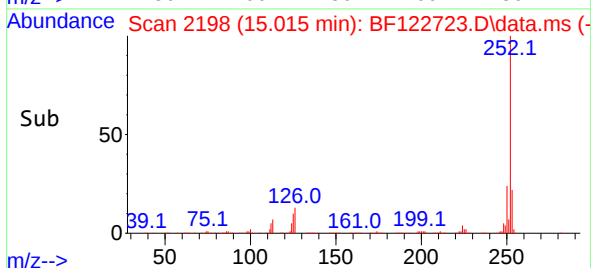
mohammad
12/17/2020 9:53:35 AM

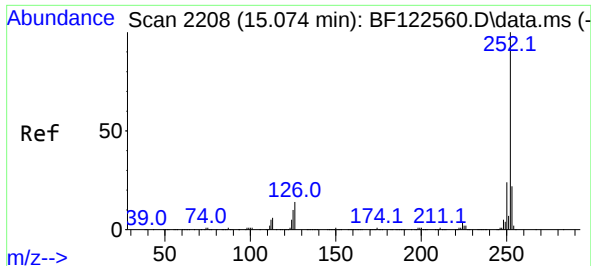


#88
Benzo(b)fluoranthene
Concen: 41.64 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

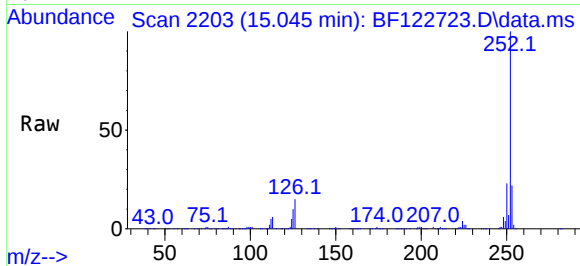


Tgt Ion:252 Resp: 970799
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 10.4 8.1 12.1

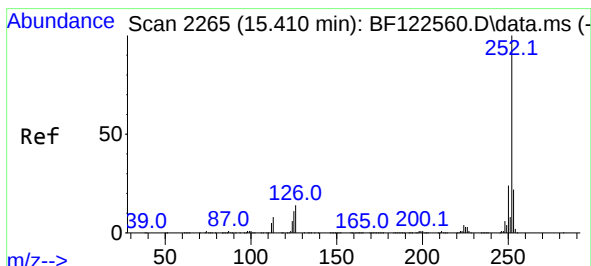
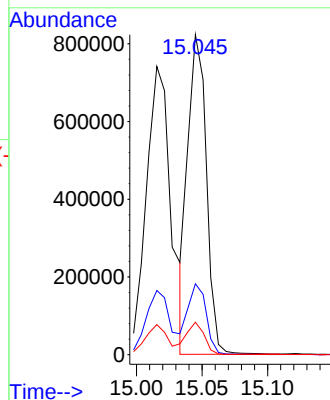
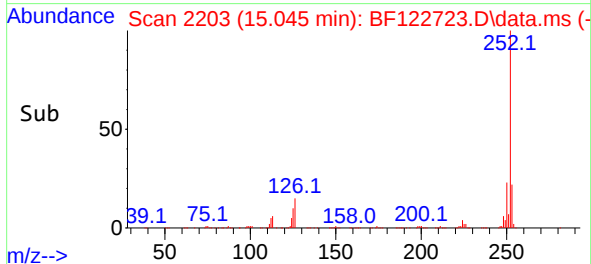




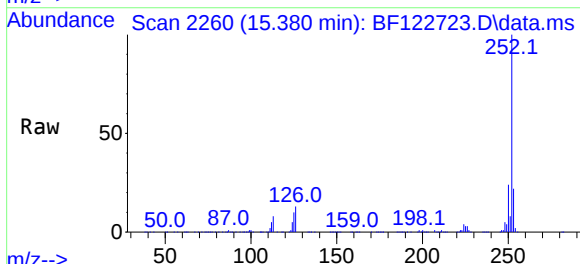
#89
Benzo(k)fluoranthene
Concen: 38.04 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



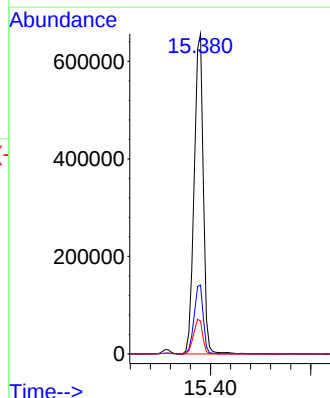
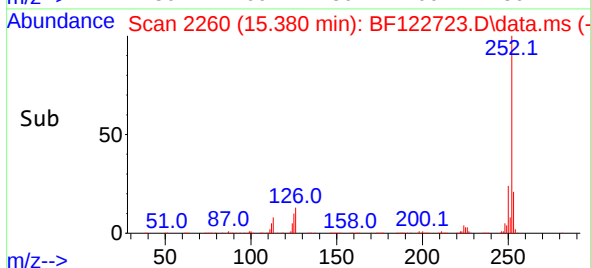
Tgt Ion:252 Resp: 810875
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.54 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



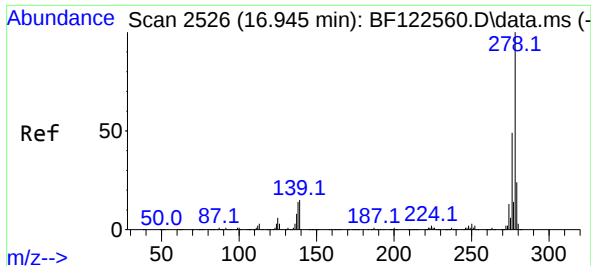
Tgt Ion:252 Resp: 826876
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.2 8.6 12.8



Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS

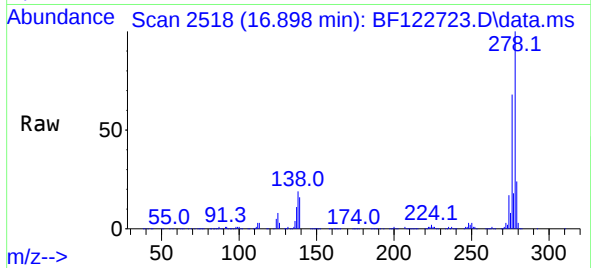
Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



#91
Dibenzo(a,h)anthracene
Concen: 51.27 ng
RT: 16.898 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12

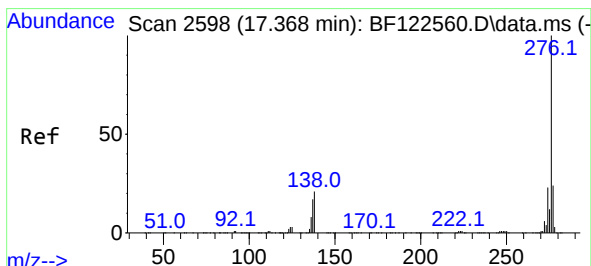
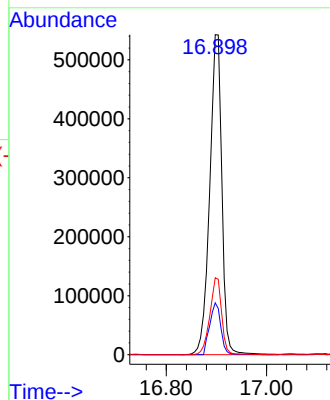
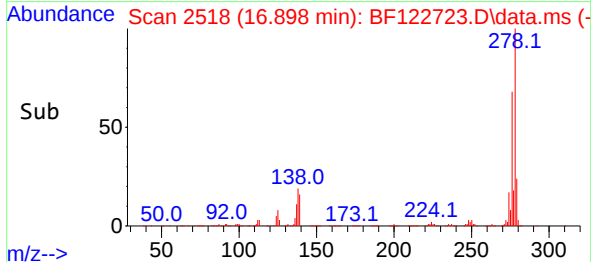
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SOMS



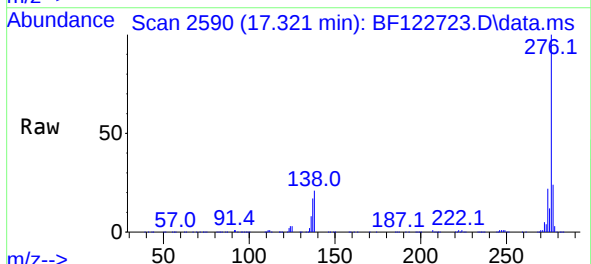
Tgt Ion:278 Resp: 915281
Ion Ratio Lower Upper
278 100
139 16.2 12.0 18.0
279 24.1 19.4 29.2

Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:35 AM



#92
Benzo(g,h,i)perylene
Concen: 56.50 ng
RT: 17.321 min Scan# 2590
Delta R.T. -0.006 min
Lab File: BF122723.D
Acq: 15 Dec 2020 19:12



Tgt Ion:276 Resp: 976136
Ion Ratio Lower Upper
276 100
277 23.8 19.3 28.9
138 21.0 16.6 24.8

