

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131388.D
 Acq On : 25 Nov 2022 10:39
 Operator : CG\JU
 Sample : PB149242BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149242BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

Quant Time: Nov 25 23:14:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	100239	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	374284	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	214777	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	386362	20.000	ng	0.00
76) Chrysene-d12	14.174	240	252483	20.000	ng	0.00
86) Perylene-d12	15.710	264	201002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	756299	143.597	ng	0.02
7) Phenol-d6	6.581	99	955519	142.193	ng	0.00
23) Nitrobenzene-d5	7.528	82	625892	84.295	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	287407	159.058	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1157557	78.409	ng	0.00
79) Terphenyl-d14	13.110	244	1341845	86.908	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	94076	37.467	ng	99
3) Pyridine	3.616	79	261701	37.535	ng	97
4) n-Nitrosodimethylamine	3.587	42	179505	43.658	ng	99
6) Aniline	6.622	93	282608m	32.090	ng	
8) 2-Chlorophenol	6.740	128	298829	50.081	ng	100
9) Benzaldehyde	6.510	77	166952	40.561	ng	96
10) Phenol	6.592	94	356420	47.838	ng	99
11) bis(2-Chloroethyl)ether	6.692	93	277760	44.497	ng	99
12) 1,3-Dichlorobenzene	6.898	146	309439	43.513	ng	99
13) 1,4-Dichlorobenzene	6.975	146	311748	43.142	ng	98
14) 1,2-Dichlorobenzene	7.128	146	304855	45.819	ng	99
15) Benzyl Alcohol	7.098	79	276278	50.142	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.228	45	502250	42.071	ng	99
17) 2-Methylphenol	7.204	107	240197	47.230	ng	99
18) Hexachloroethane	7.475	117	119998	46.422	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	215385	43.784	ng	97
20) 3+4-Methylphenols	7.357	107	302597	46.601	ng	95
22) Acetophenone	7.369	105	416696	43.738	ng	98
24) Nitrobenzene	7.545	77	334797	43.278	ng	99
25) Isophorone	7.787	82	600793	45.354	ng	99
26) 2-Nitrophenol	7.863	139	146447	56.588	ng	94
27) 2,4-Dimethylphenol	7.892	122	268468	52.278	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	341666	45.411	ng	98
29) 2,4-Dichlorophenol	8.104	162	256365	46.023	ng	95
30) 1,2,4-Trichlorobenzene	8.187	180	285627	41.392	ng	99
31) Naphthalene	8.275	128	826004	41.413	ng	99
32) Benzoic acid	8.016	122	182328	54.199	ng	88
33) 4-Chloroaniline	8.316	127	81470	10.354	ng	94
34) Hexachlorobutadiene	8.381	225	180099	40.305	ng	98
35) Caprolactam	8.698	113	82188m	56.148	ng	
36) 4-Chloro-3-methylphenol	8.798	107	276045	47.699	ng	97
37) 2-Methylnaphthalene	8.969	142	556209	41.157	ng	100
38) 1-Methylnaphthalene	9.069	142	529486	40.404	ng	100
40) 1,2,4,5-Tetrachloroben...	9.133	216	288420	41.382	ng	99
41) Hexachlorocyclopentadiene	9.116	237	365331	116.599	ng	99
43) 2,4,6-Trichlorophenol	9.239	196	195654	49.484	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

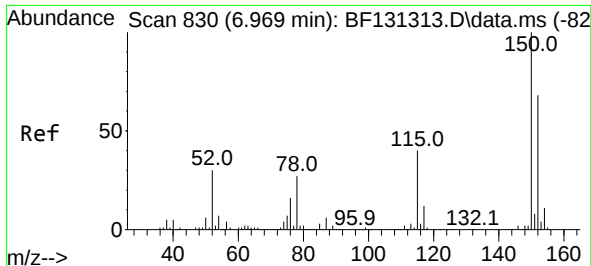
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	206153	46.367	ng	97
46) 1,1'-Biphenyl	9.433	154	692104	42.227	ng	98
47) 2-Chloronaphthalene	9.457	162	548989	41.755	ng	98
48) 2-Nitroaniline	9.557	65	197926	49.580	ng	96
49) Acenaphthylene	9.880	152	838345	41.828	ng	99
50) Dimethylphthalate	9.739	163	651680	43.549	ng	98
51) 2,6-Dinitrotoluene	9.798	165	143249	47.867	ng	90
52) Acenaphthene	10.051	154	598575m	47.693	ng	
53) 3-Nitroaniline	9.969	138	72754	23.659	ng	99
54) 2,4-Dinitrophenol	10.075	184	151810	99.923	ng	93
55) Dibenzofuran	10.228	168	746627	41.351	ng	100
56) 4-Nitrophenol	10.128	139	234776	110.007	ng	98
57) 2,4-Dinitrotoluene	10.204	165	200142	53.153	ng	97
58) Fluorene	10.569	166	598706	42.487	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.339	232	179495	48.477	ng	99
60) Diethylphthalate	10.439	149	610708	43.221	ng	100
61) 4-Chlorophenyl-phenyle...	10.557	204	298661	41.343	ng	96
62) 4-Nitroaniline	10.592	138	141835	46.345	ng	98
63) Azobenzene	10.722	77	616411	40.572	ng	97
65) 4,6-Dinitro-2-methylph...	10.616	198	95321	54.961	ng	# 76
66) n-Nitrosodiphenylamine	10.680	169	521713	42.377	ng	99
67) 4-Bromophenyl-phenylether	11.051	248	195778	41.344	ng	96
68) Hexachlorobenzene	11.116	284	214774	42.734	ng	98
69) Atrazine	11.210	200	194002	51.181	ng	99
70) Pentachlorophenol	11.310	266	252543	86.082	ng	99
71) Phenanthrene	11.539	178	884181	42.345	ng	99
72) Anthracene	11.592	178	906848	44.192	ng	99
73) Carbazole	11.745	167	801988	45.817	ng	99
74) Di-n-butylphthalate	12.074	149	921663	44.684	ng	99
75) Fluoranthene	12.739	202	965882	43.899	ng	97
77) Benzidine	12.857	184	318613	68.318	ng	96
78) Pyrene	12.969	202	964658	43.304	ng	99
80) Butylbenzylphthalate	13.586	149	345711	46.290	ng	95
81) Benzo(a)anthracene	14.163	228	748445	43.247	ng	99
82) 3,3'-Dichlorobenzidine	14.121	252	124475	27.105	ng	99
83) Chrysene	14.198	228	727481	42.845	ng	99
84) Bis(2-ethylhexyl)phtha...	14.145	149	418226	42.516	ng	# 99
85) Di-n-octyl phthalate	14.774	149	599842	43.651	ng	97
87) Indeno(1,2,3-cd)pyrene	17.298	276	631228	46.757	ng	99
88) Benzo(b)fluoranthene	15.257	252	631978	47.329	ng	100
89) Benzo(k)fluoranthene	15.286	252	612088	44.606	ng	99
90) Benzo(a)pyrene	15.651	252	542343	49.500	ng	99
91) Dibenzo(a,h)anthracene	17.315	278	528985	47.461	ng	97
92) Benzo(g,h,i)perylene	17.774	276	527696	47.436	ng	99

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

Manual Integrations APPROVED

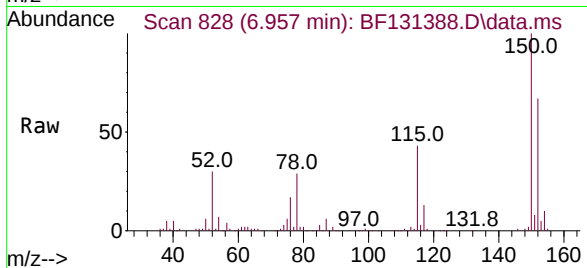
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

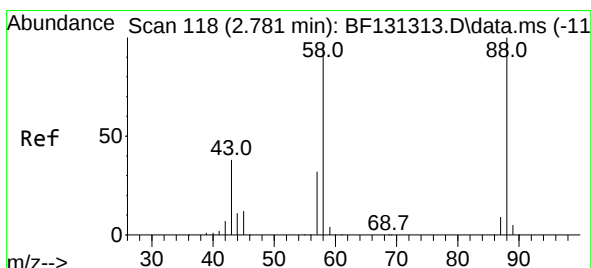
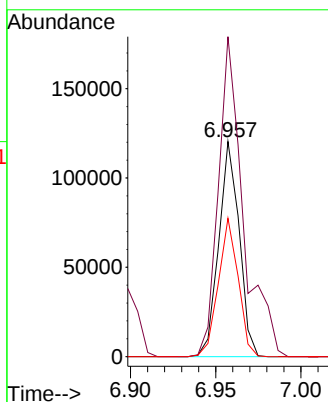
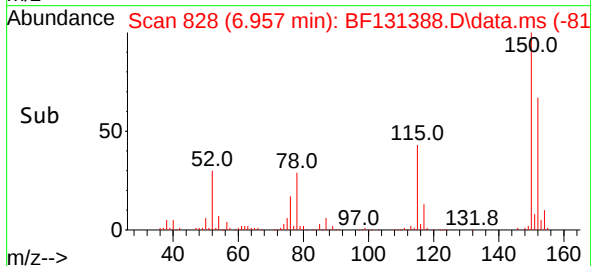
Instrument :
BNA_F
ClientSampleId :
PB149242BS



Tgt Ion:152 Resp: 100239
Ion Ratio Lower Upper
152 100
150 148.8 117.8 176.8
115 64.3 47.1 70.7

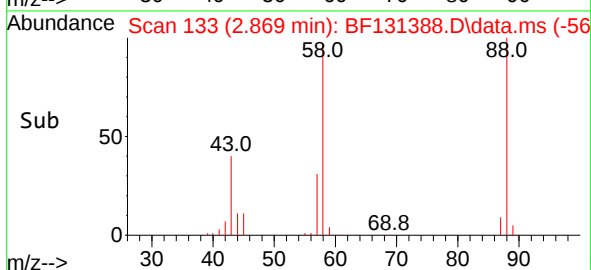
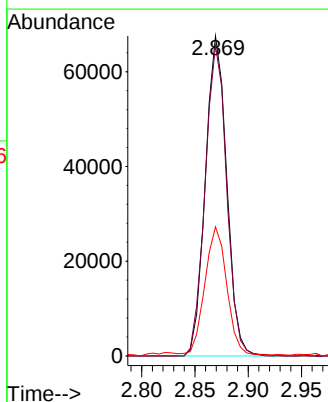
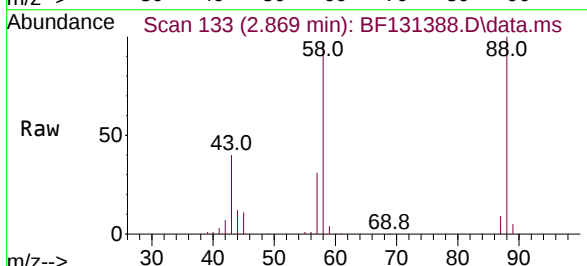
Manual Integrations
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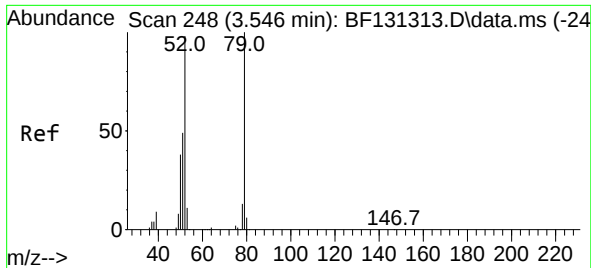
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#2
1,4-Dioxane
Concen: 37.467 ng
RT: 2.869 min Scan# 133
Delta R.T. 0.100 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion: 88 Resp: 94076
Ion Ratio Lower Upper
88 100
58 98.0 78.2 117.4
43 41.7 31.6 47.4





#3

Pyridine

Concen: 37.535 ng

RT: 3.616 min Scan# 20

Delta R.T. 0.077 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

PB149242BS

Tgt Ion: 79 Resp: 26170

Ion Ratio Lower Upper

79 100

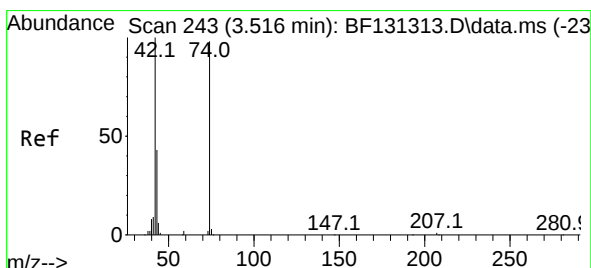
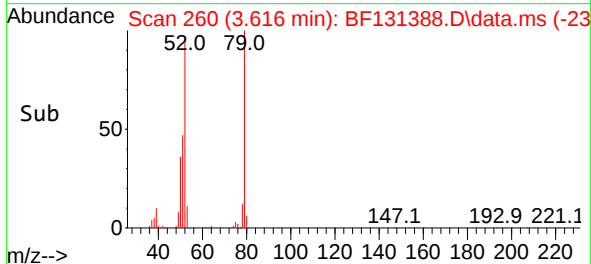
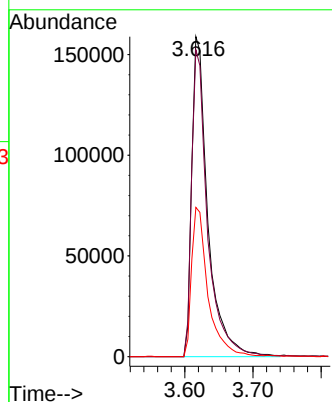
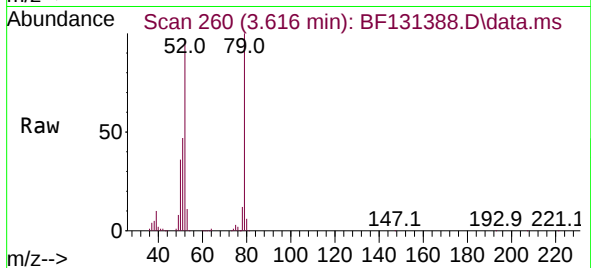
52 95.9 78.7 118.1

51 46.6 39.3 58.9

Manual Integrations

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Supervised By :mohammad ahmed 12/02/2022



#4

n-Nitrosodimethylamine

Concen: 43.658 ng

RT: 3.587 min Scan# 255

Delta R.T. 0.082 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39

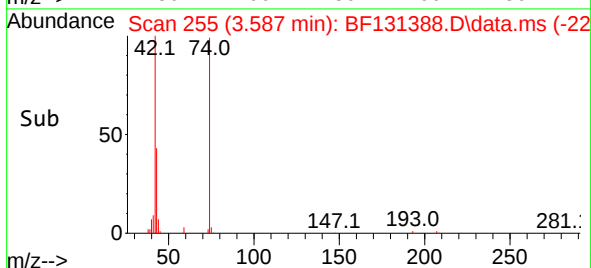
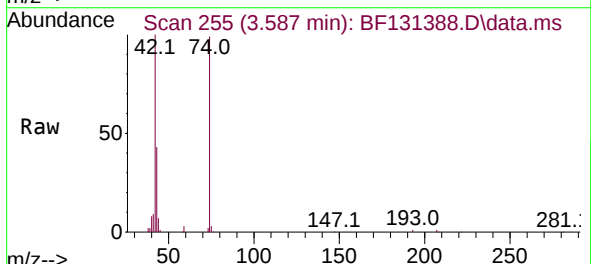
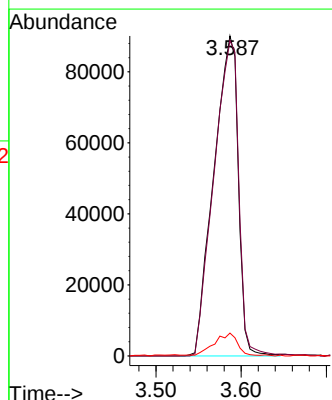
Tgt Ion: 42 Resp: 179505

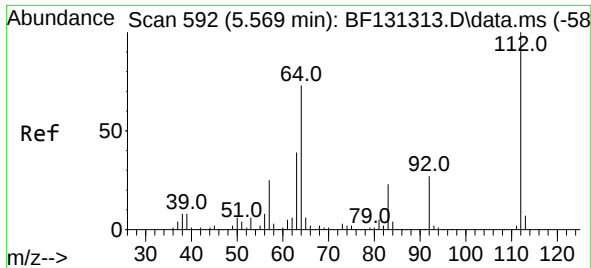
Ion Ratio Lower Upper

42 100

74 98.5 78.0 117.0

44 7.1 5.2 7.8





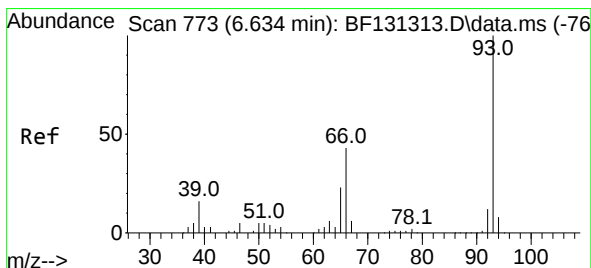
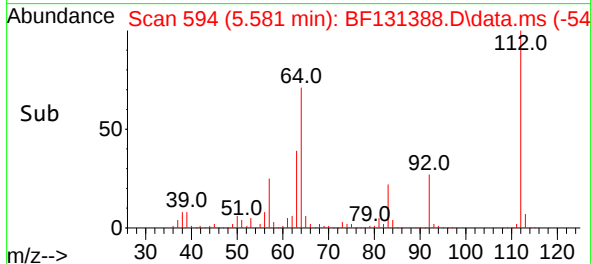
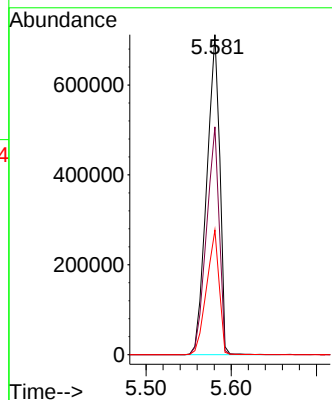
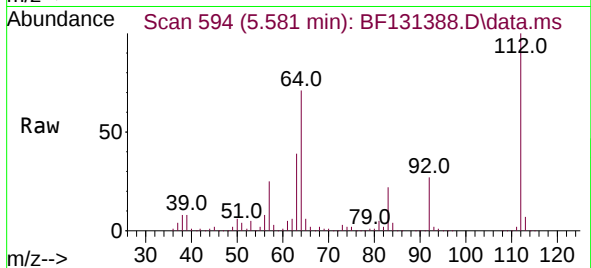
#5
2-Fluorophenol
Concen: 143.597 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.018 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

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ClientSampleId :
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Tgt Ion:112 Resp: 756299
Ion Ratio Lower Upper
112 100
64 71.2 58.6 88.0
63 38.9 31.4 47.0

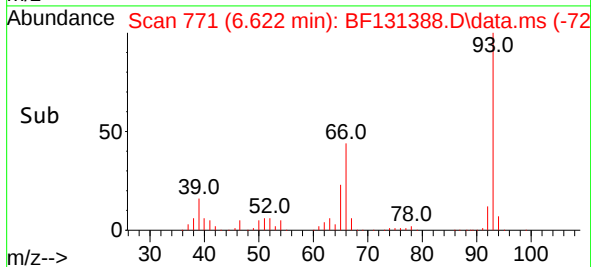
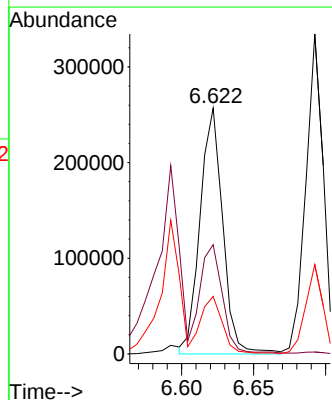
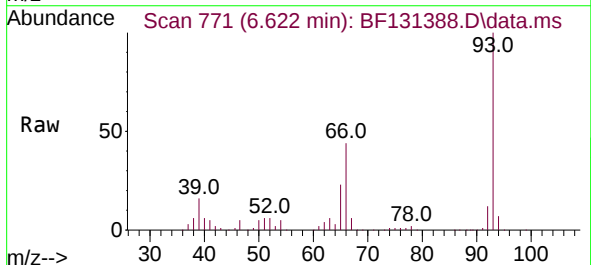
Manual Integrations
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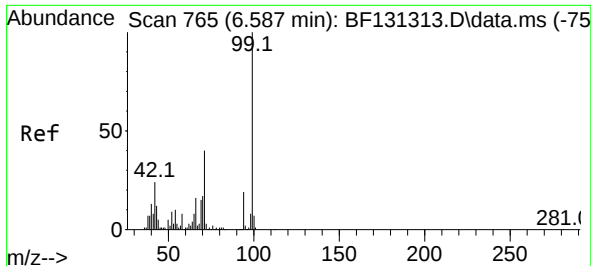
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#6
Aniline
Concen: 32.090 ng m
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion: 93 Resp: 282608
Ion Ratio Lower Upper
93 100
66 44.5 35.6 53.4
65 23.4 18.4 27.6





#7

Phenol-d6

Concen: 142.193 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF131388.D

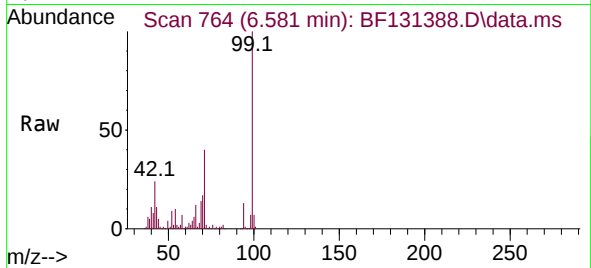
Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

PB149242BS

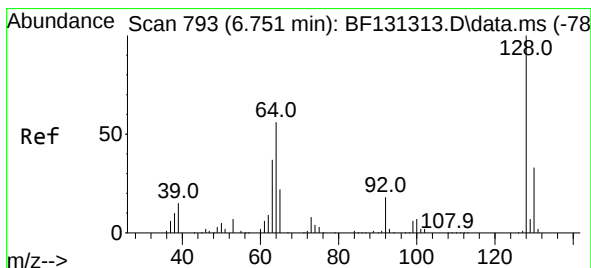
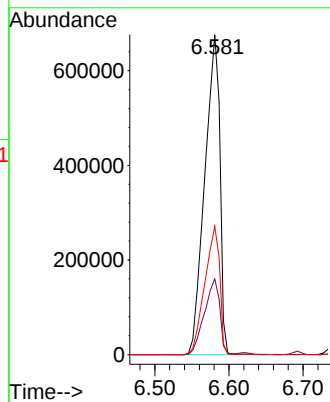
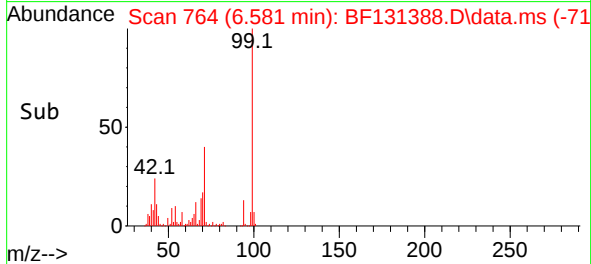


Tgt Ion:	99	Resp:	955519
Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.4	29.2
71	40.1	32.3	48.5

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#8

2-Chlorophenol

Concen: 50.081 ng

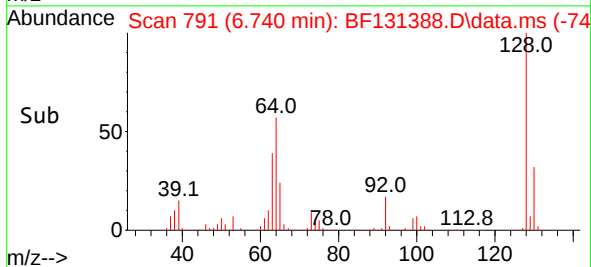
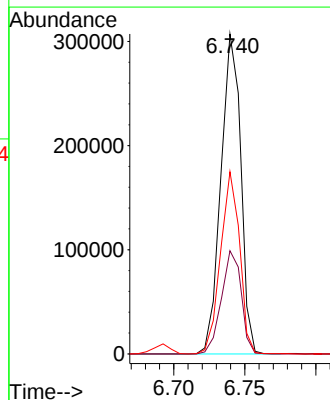
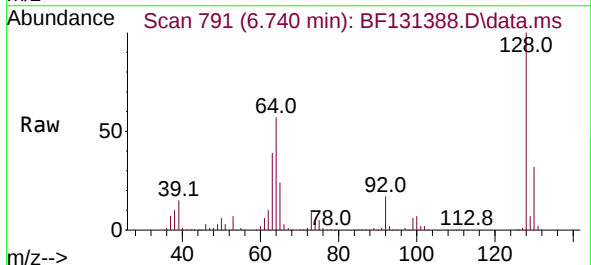
RT: 6.740 min Scan# 791

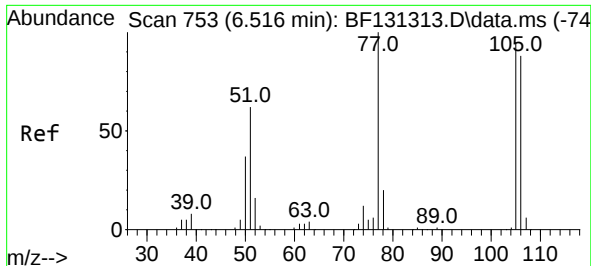
Delta R.T. -0.006 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39

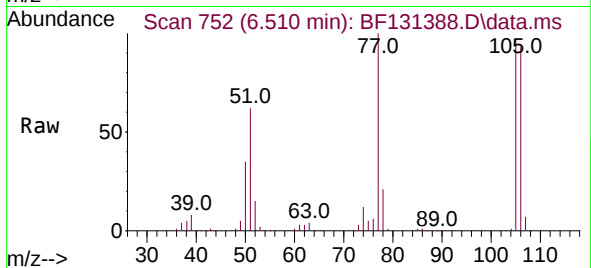
Tgt Ion:	128	Resp:	298829
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.5	52.5
64	56.9	36.9	76.9





#9
Benzaldehyde
Concen: 40.561 ng
RT: 6.510 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

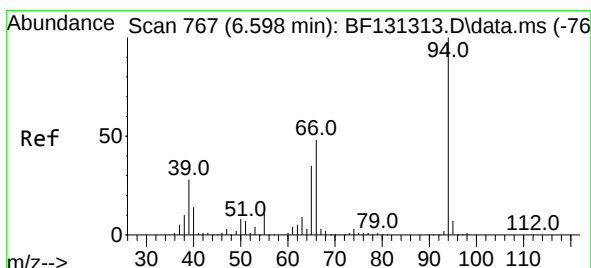
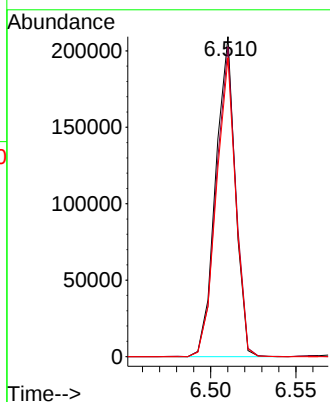
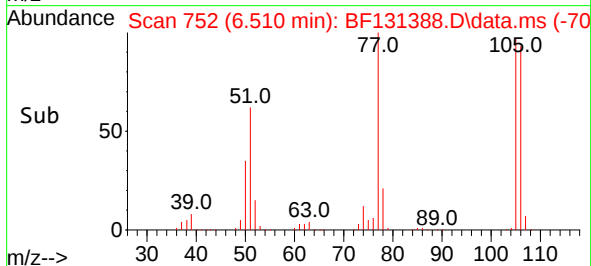
Instrument :
BNA_F
ClientSampleId :
PB149242BS



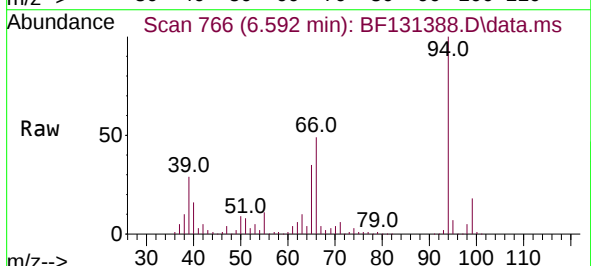
Tgt Ion: 77 Resp: 166952
Ion Ratio Lower Upper
77 100
105 96.8 74.5 114.5
106 93.4 68.1 108.1

Manual Integrations
APPROVED

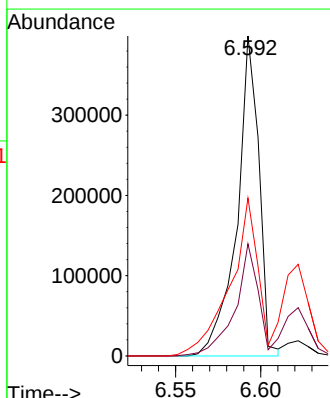
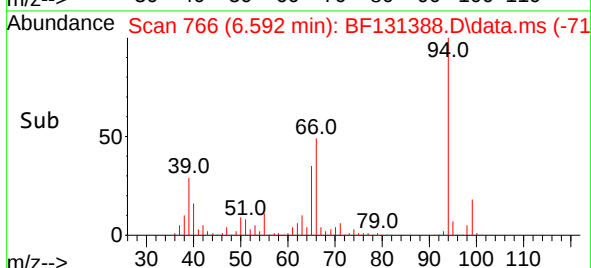
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

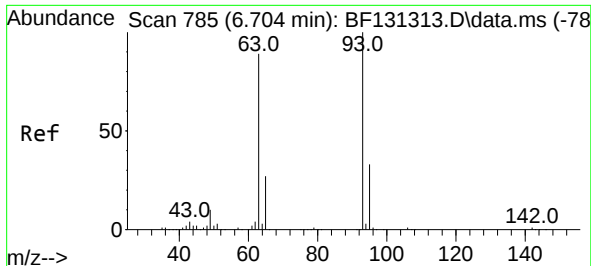


#10
Phenol
Concen: 47.838 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



Tgt Ion: 94 Resp: 356420
Ion Ratio Lower Upper
94 100
65 35.0 15.0 55.0
66 49.4 28.6 68.6





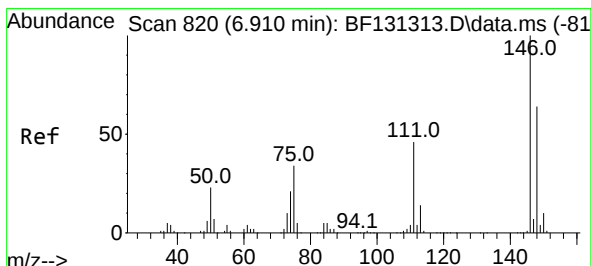
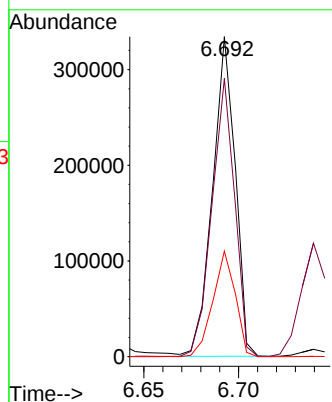
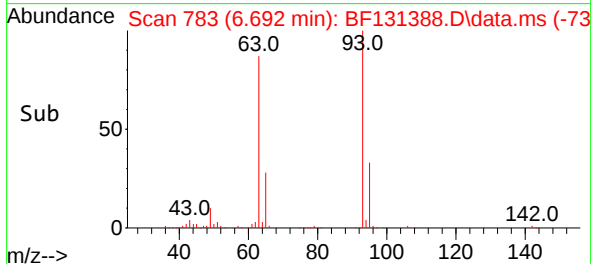
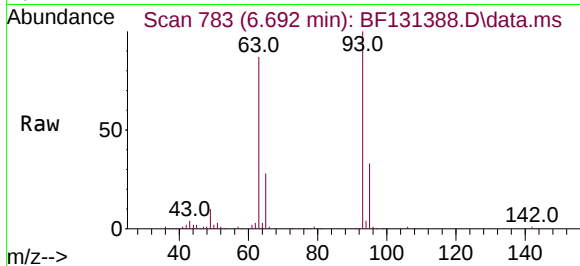
#11
bis(2-Chloroethyl)ether
Concen: 44.497 ng
RT: 6.692 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion: 93 Resp: 277760
Ion Ratio Lower Upper
93 100
63 86.9 68.6 108.6
95 33.0 13.1 53.1

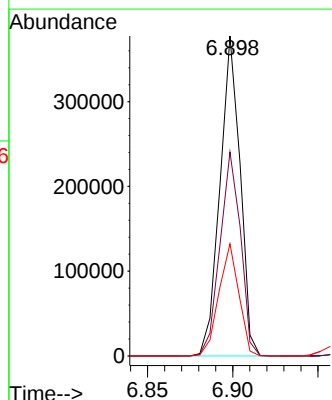
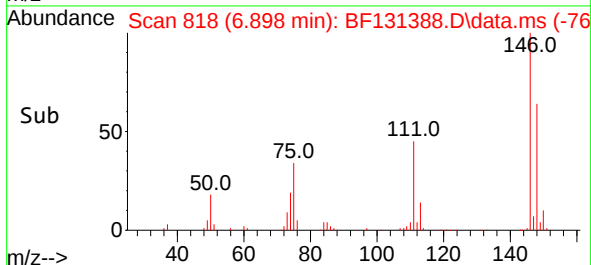
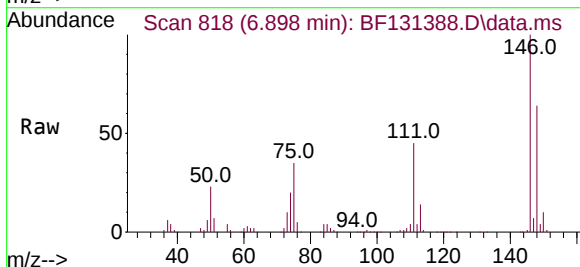
Manual Integrations
APPROVED

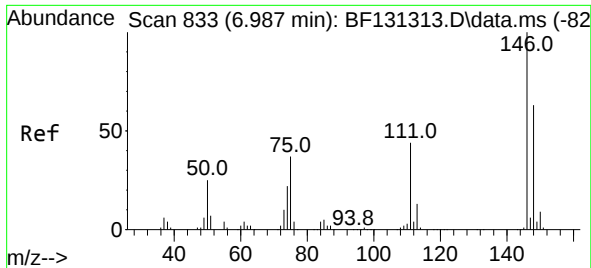
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#12
1,3-Dichlorobenzene
Concen: 43.513 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

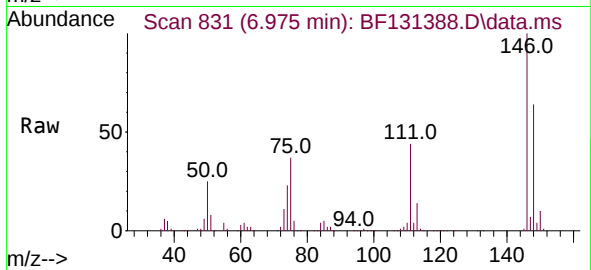
Tgt Ion:146 Resp: 309439
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 35.0 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 43.142 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

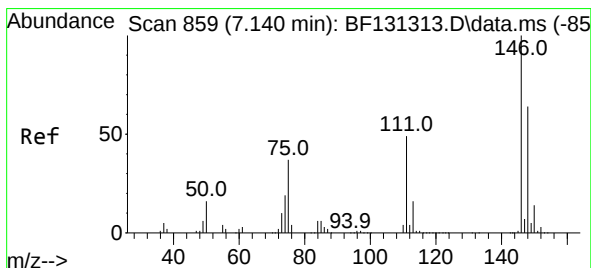
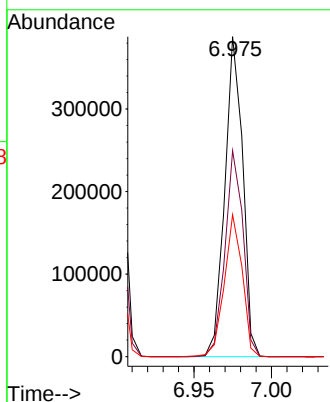
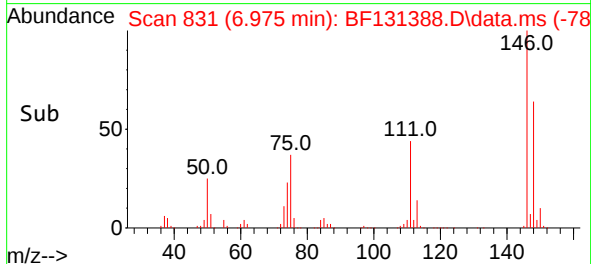
Instrument :
BNA_F
ClientSampleId :
PB149242BS



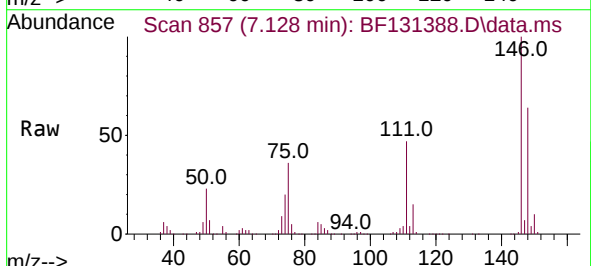
Tgt Ion:146 Resp: 311748
Ion Ratio Lower Upper
146 100
148 64.4 50.2 75.2
111 44.3 35.0 52.6

Manual Integrations
APPROVED

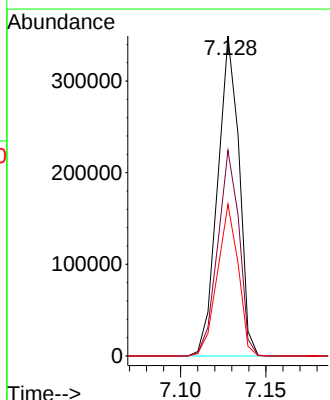
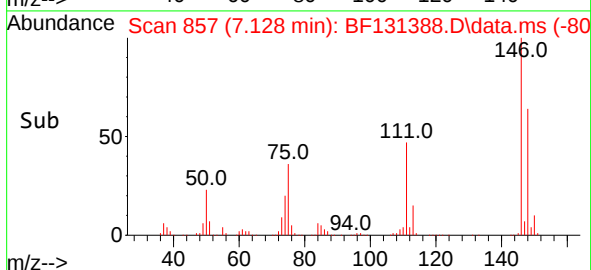
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

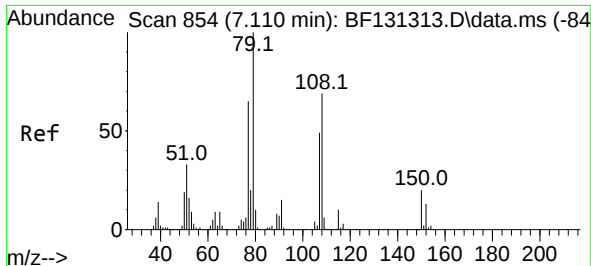


#14
1,2-Dichlorobenzene
Concen: 45.819 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



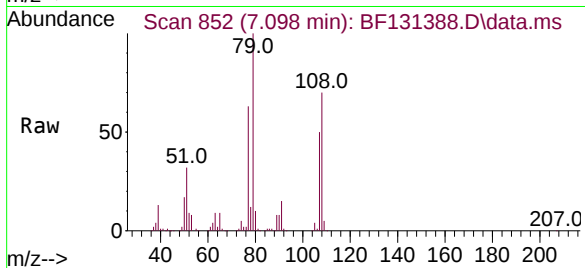
Tgt Ion:146 Resp: 304855
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
111 47.4 39.4 59.0





#15
Benzyl Alcohol
Concen: 50.142 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

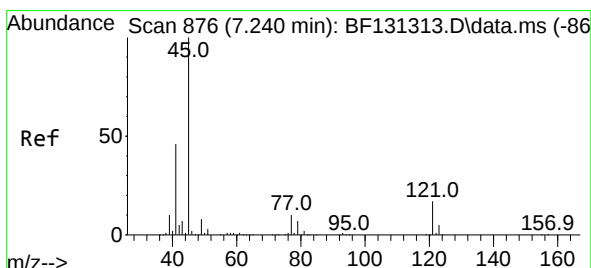
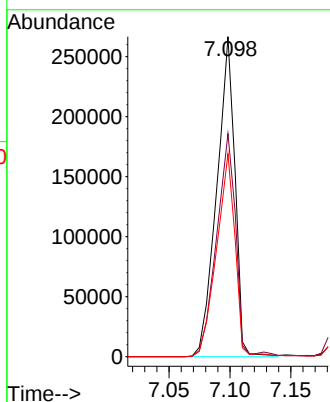
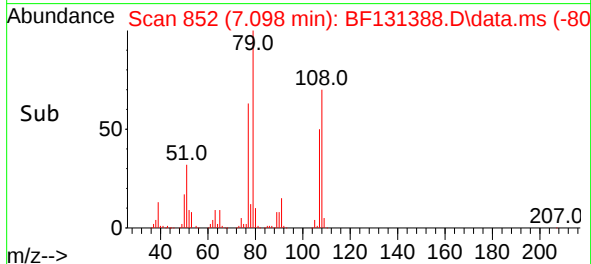
Instrument :
BNA_F
ClientSampleId :
PB149242BS



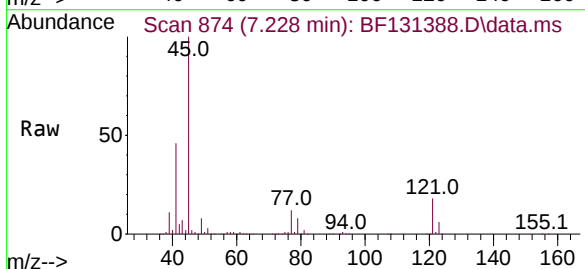
Tgt Ion: 79 Resp: 276278
Ion Ratio Lower Upper
79 100
108 69.7 55.1 82.7
77 63.4 51.8 77.8

Manual Integrations
APPROVED

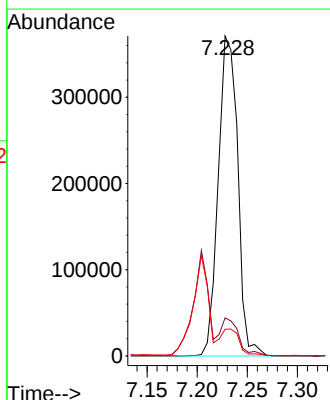
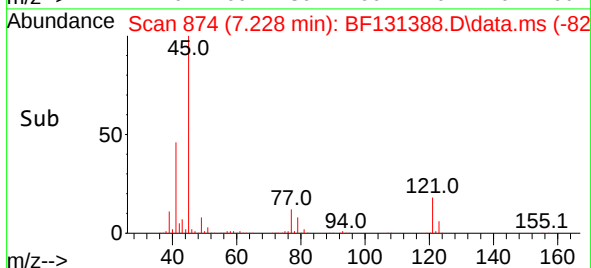
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

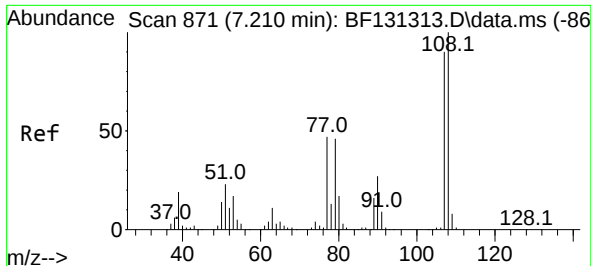


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.071 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



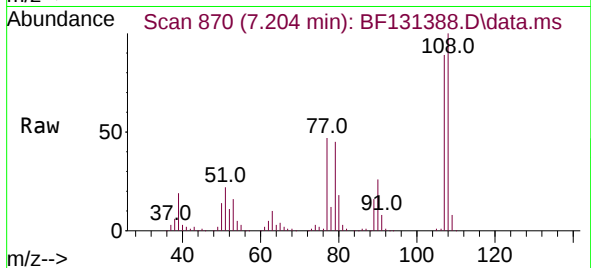
Tgt Ion: 45 Resp: 502250
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.2
79 8.3 0.0 28.4





#17
2-Methylphenol
Concen: 47.230 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

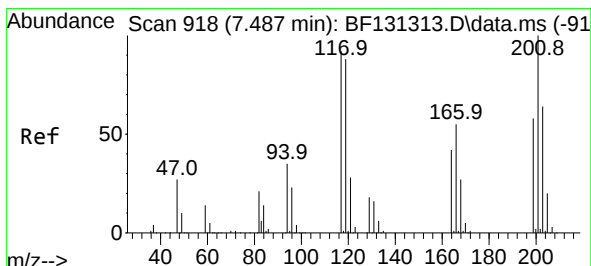
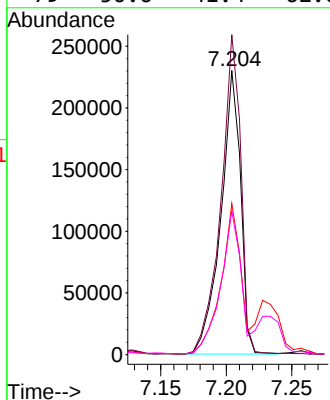
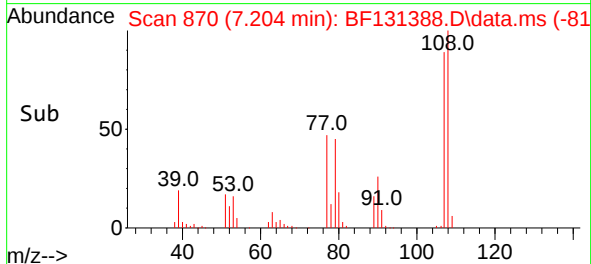
Instrument :
BNA_F
ClientSampleId :
PB149242BS



Tgt Ion:107 Resp: 24019
Ion Ratio Lower Upper
107 100
108 112.6 89.0 133.6
77 53.1 42.5 63.7
79 50.6 41.4 62.0

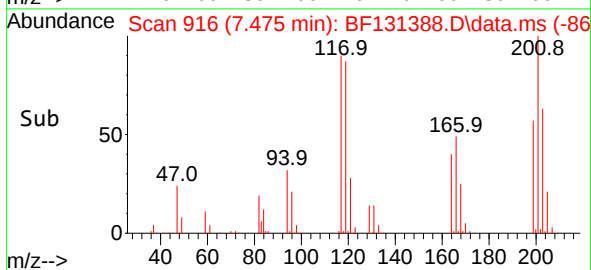
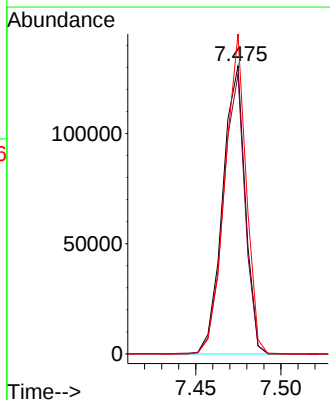
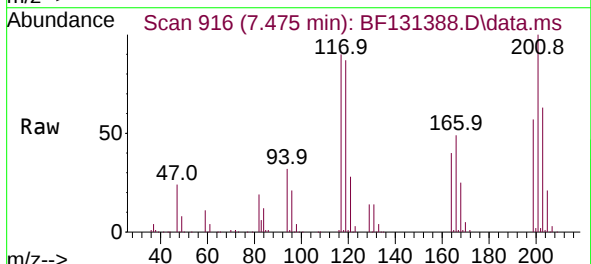
Manual Integrations
APPROVED

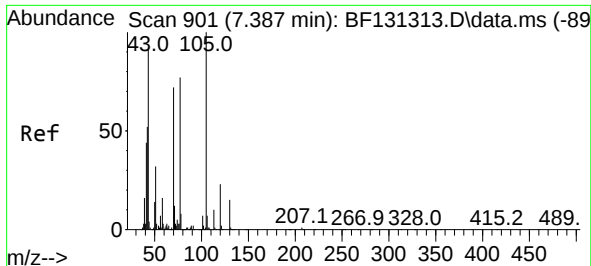
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#18
Hexachloroethane
Concen: 46.422 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:117 Resp: 119998
Ion Ratio Lower Upper
117 100
119 97.1 76.6 115.0
201 111.2 87.0 130.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.784 ng

RT: 7.375 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF131388.D

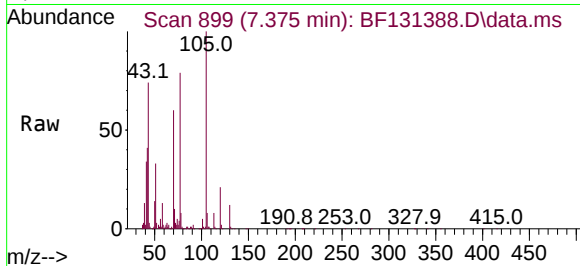
Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

PB149242BS



Tgt Ion: 70 Resp: 21538

Ion Ratio Lower Upper

70 100

42 68.6 57.6 86.4

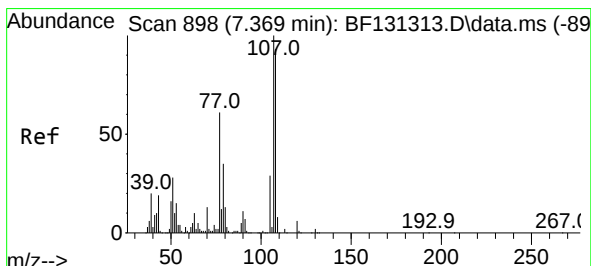
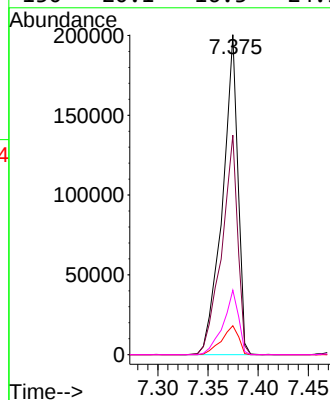
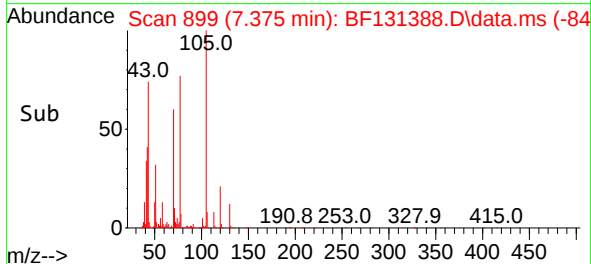
101 9.0 8.2 12.2

130 20.1 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#20

3+4-Methylphenols

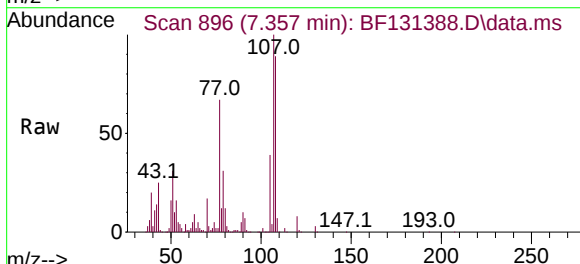
Concen: 46.601 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39



Tgt Ion:107 Resp: 302597

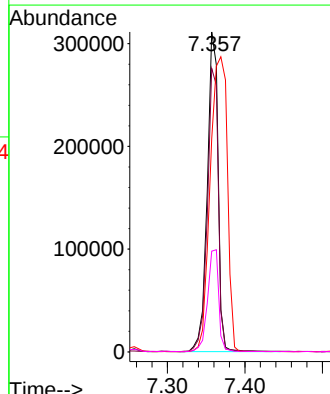
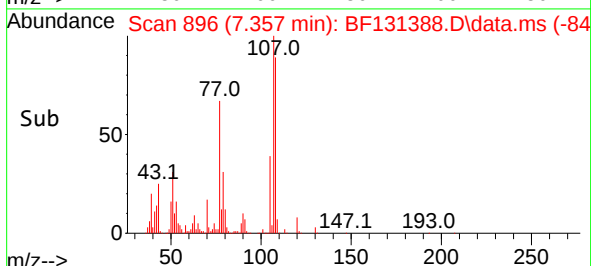
Ion Ratio Lower Upper

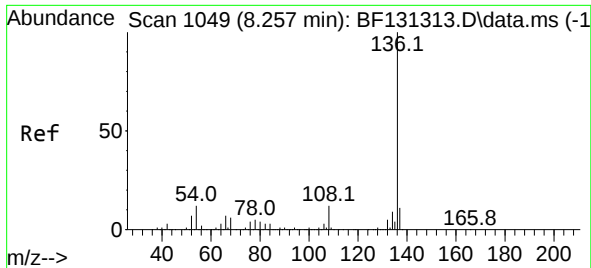
107 100

108 88.6 72.6 112.6

77 66.6 41.4 81.4

79 31.5 15.1 55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

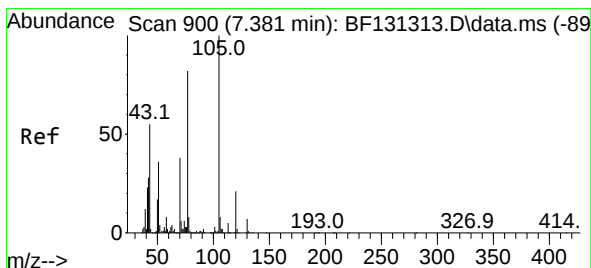
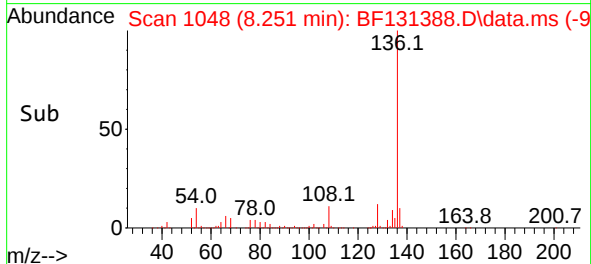
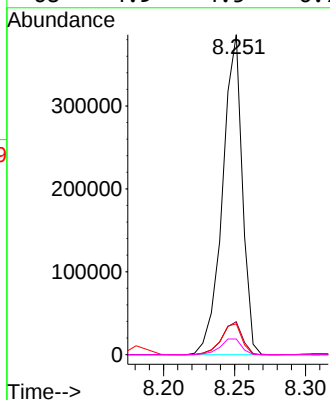
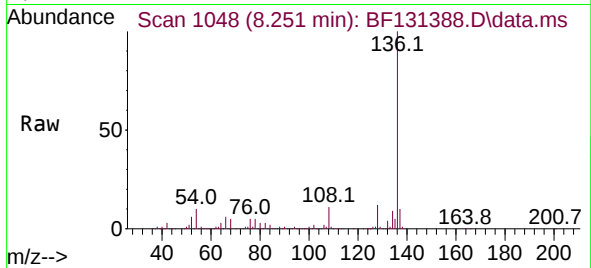
PB149242BS

Tgt Ion:136 Resp: 374284
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 9.6 9.4 14.0
68 4.9 4.5 6.7

Manual Integrations

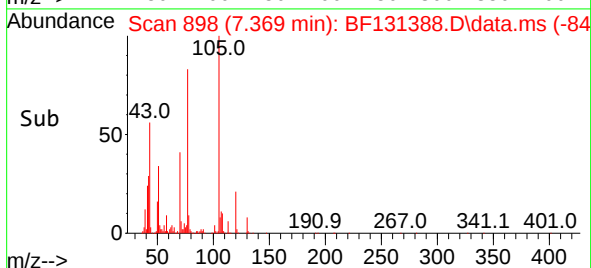
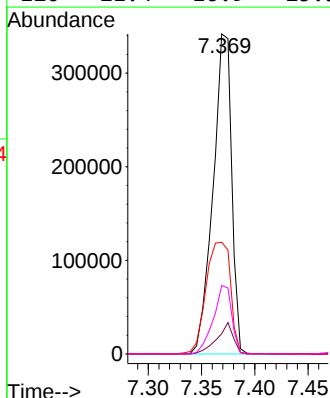
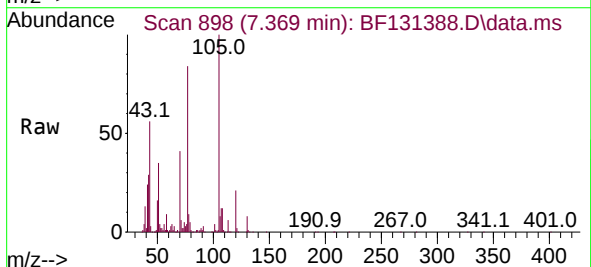
APPROVED

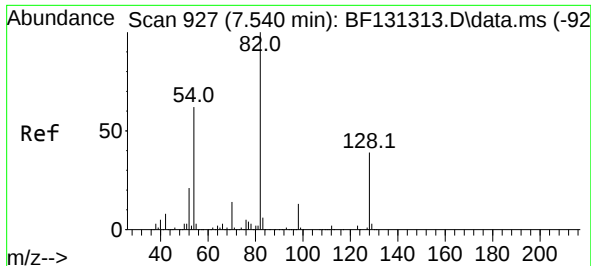
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#22
Acetophenone
Concen: 43.738 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:105 Resp: 416696
Ion Ratio Lower Upper
105 100
71 6.3 4.9 7.3
51 34.9 29.0 43.4
120 21.4 16.9 25.3





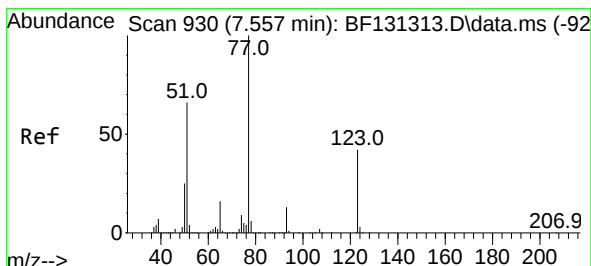
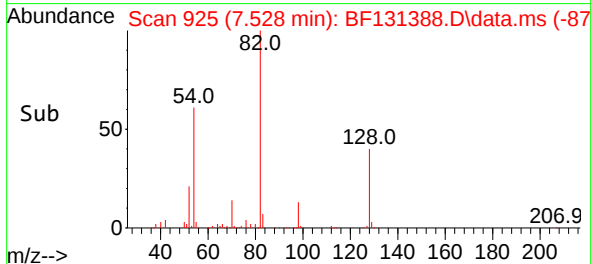
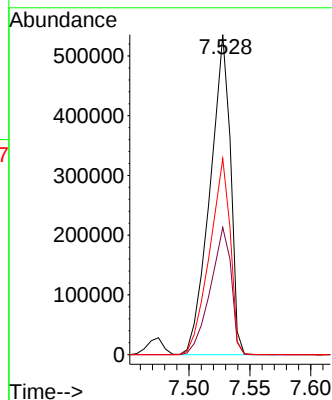
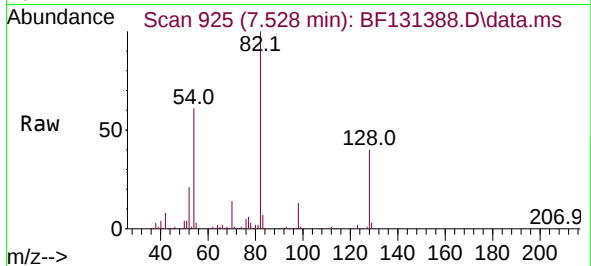
#23
Nitrobenzene-d5
Concen: 84.295 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion: 82 Resp: 625892
Ion Ratio Lower Upper
82 100
128 39.8 31.4 47.0
54 61.3 49.8 74.6

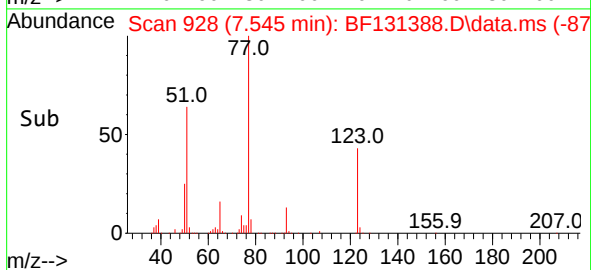
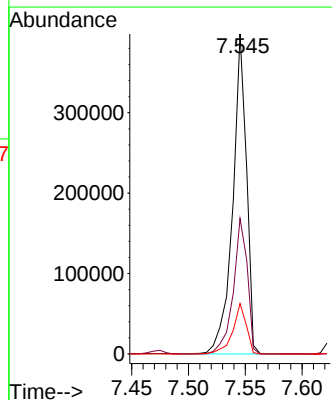
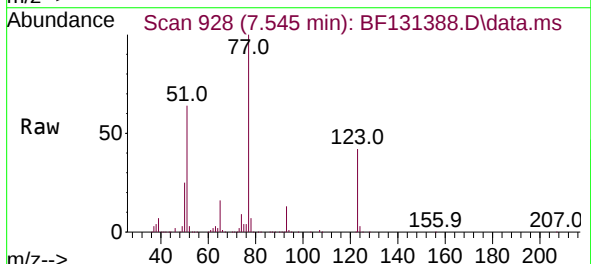
Manual Integrations
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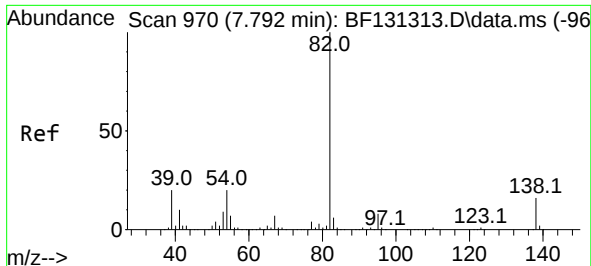
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#24
Nitrobenzene
Concen: 43.278 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion: 77 Resp: 334797
Ion Ratio Lower Upper
77 100
123 42.3 33.3 49.9
65 15.7 12.7 19.1





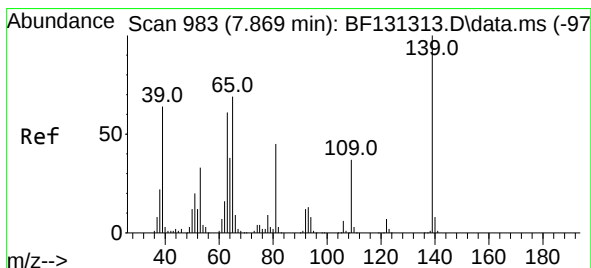
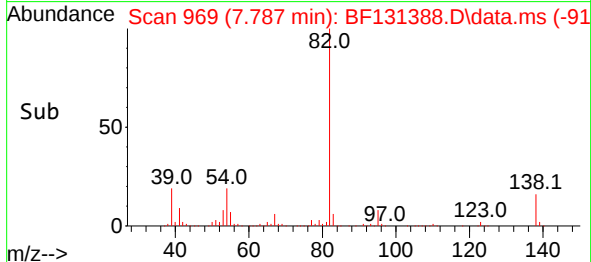
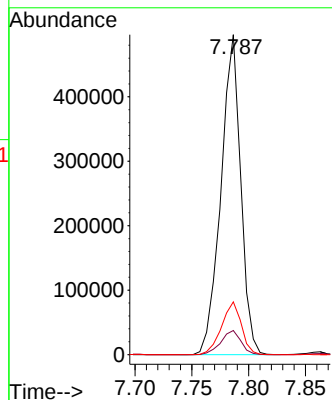
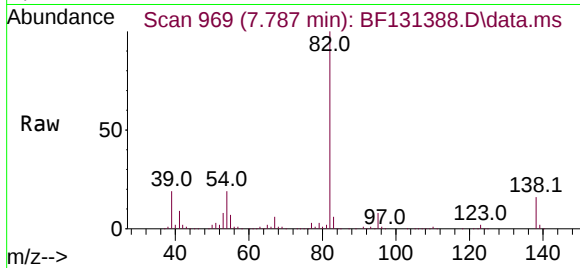
#25
Isophorone
Concen: 45.354 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion: 82 Resp: 600793
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 16.5 12.7 19.1

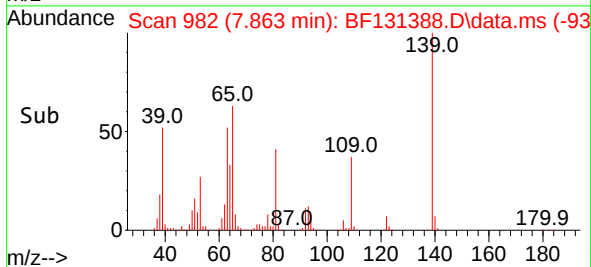
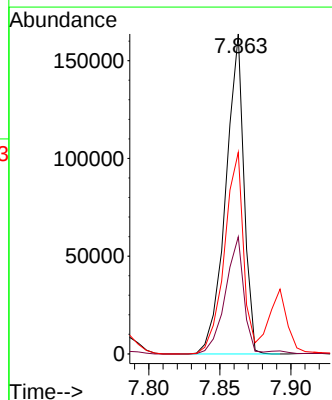
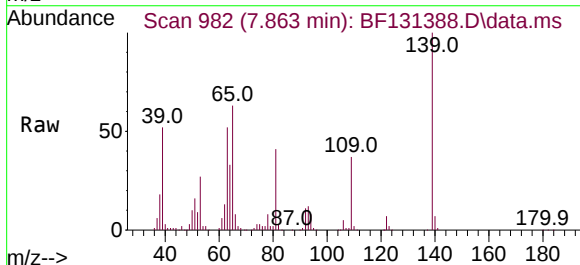
Manual Integrations
APPROVED

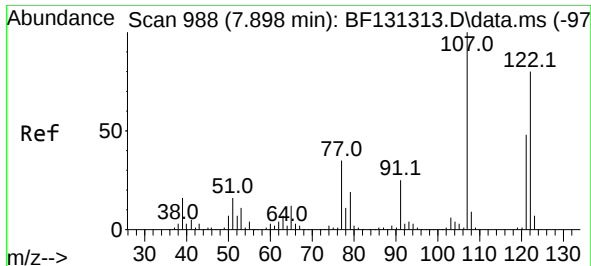
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#26
2-Nitrophenol
Concen: 56.588 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:139 Resp: 146447
Ion Ratio Lower Upper
139 100
109 36.6 29.9 44.9
65 63.0 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 52.278 ng

RT: 7.892 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

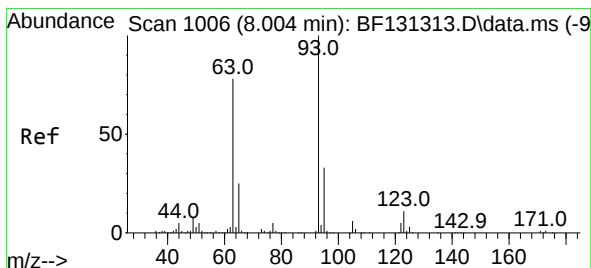
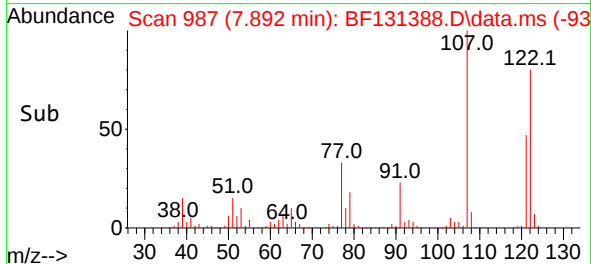
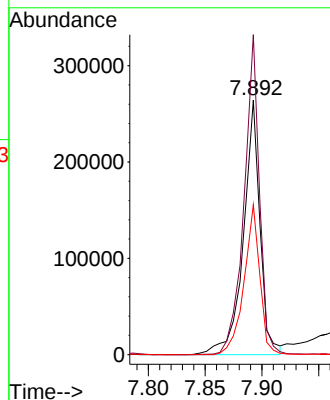
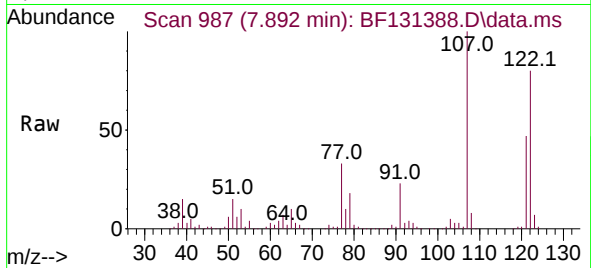
PB149242BS

Tgt Ion:122 Resp: 268468
 Ion Ratio Lower Upper
 122 100
 107 125.7 99.9 149.9
 121 58.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.411 ng

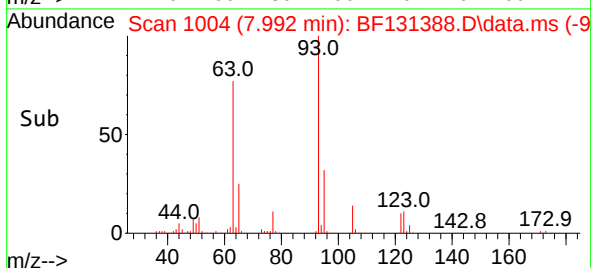
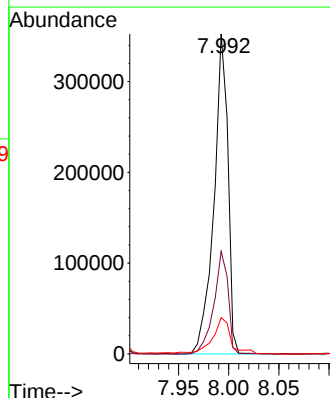
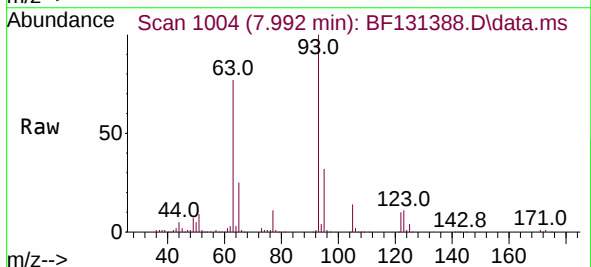
RT: 7.992 min Scan# 1004

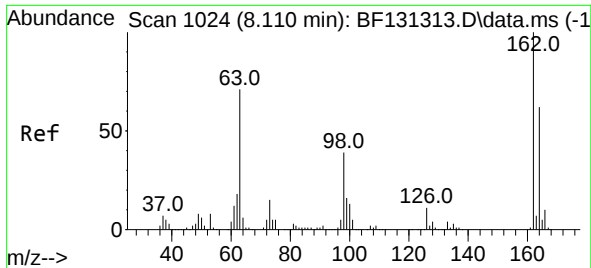
Delta R.T. -0.006 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39

Tgt Ion: 93 Resp: 341666
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.4 39.6
 123 11.3 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 46.023 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

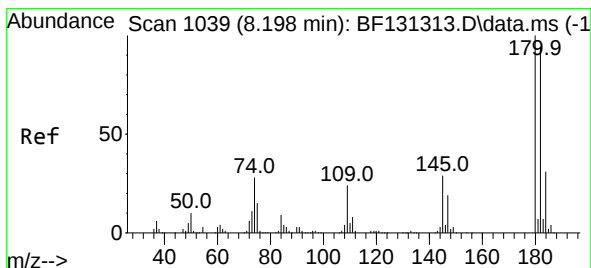
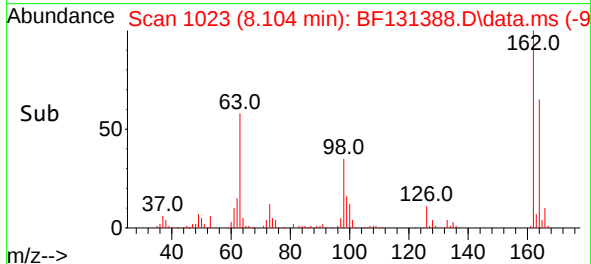
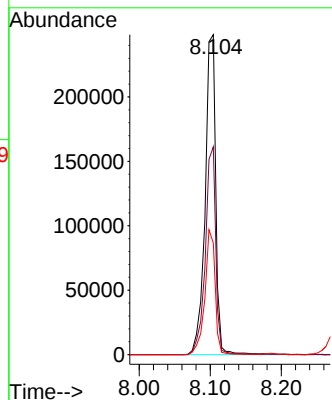
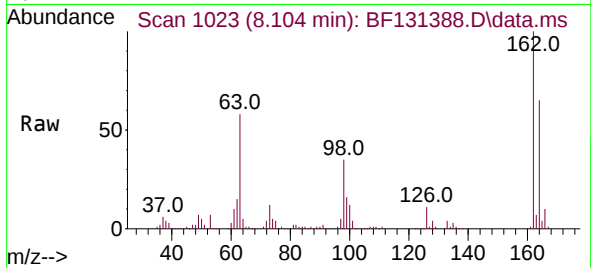
PB149242BS

Tgt Ion:162 Resp: 256365
Ion Ratio Lower Upper
162 100
164 64.9 42.2 82.2
98 34.8 18.8 58.8

Manual Integrations

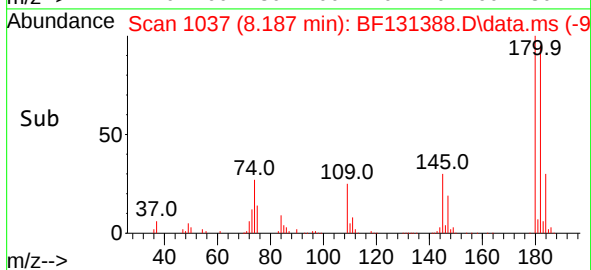
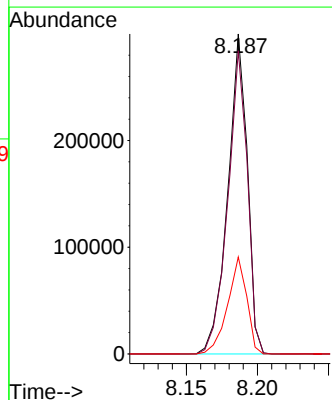
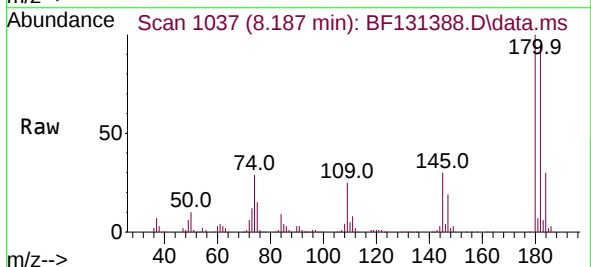
APPROVED

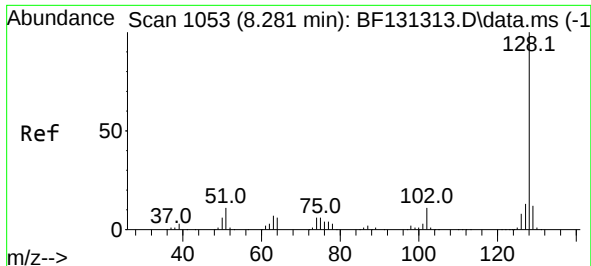
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#30
1,2,4-Trichlorobenzene
Concen: 41.392 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

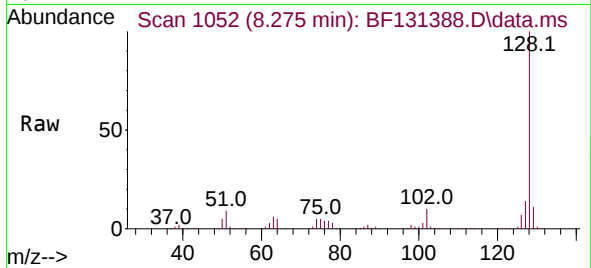
Tgt Ion:180 Resp: 285627
Ion Ratio Lower Upper
180 100
182 94.7 75.3 112.9
145 30.3 23.4 35.0





#31
Naphthalene
Concen: 41.413 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

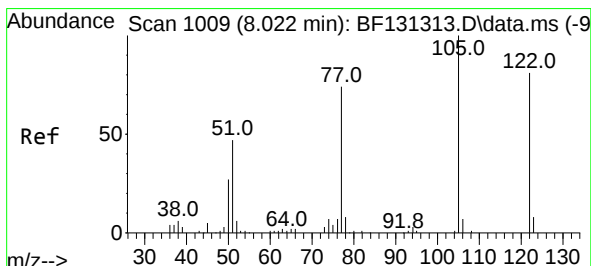
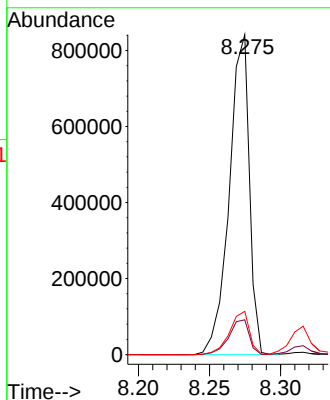
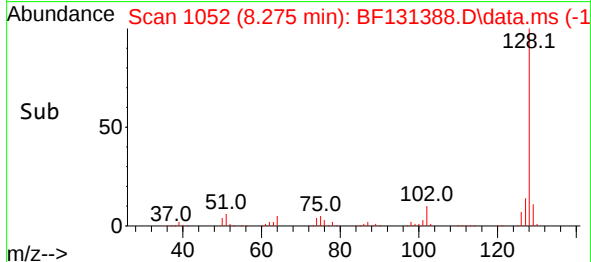
Instrument :
BNA_F
ClientSampleId :
PB149242BS



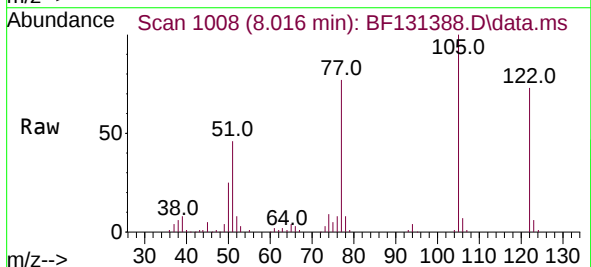
Tgt Ion:128 Resp: 826004
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.5 10.6 16.0

Manual Integrations
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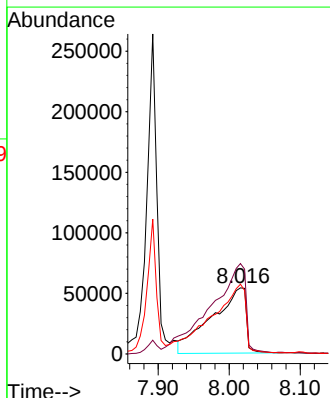
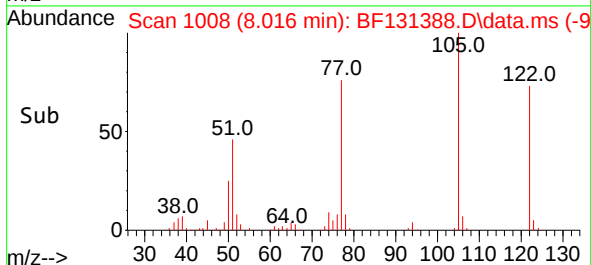
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

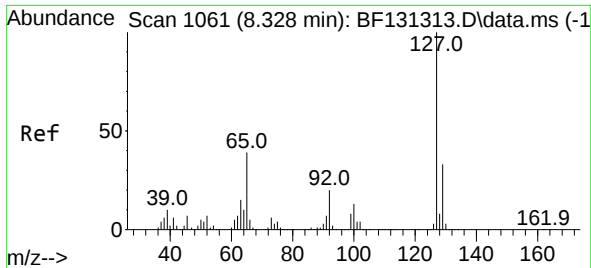


#32
Benzoic acid
Concen: 54.199 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



Tgt Ion:122 Resp: 182328
Ion Ratio Lower Upper
122 100
105 136.9 103.8 143.8
77 105.7 74.3 114.3





#33
4-Chloroaniline
Concen: 10.354 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

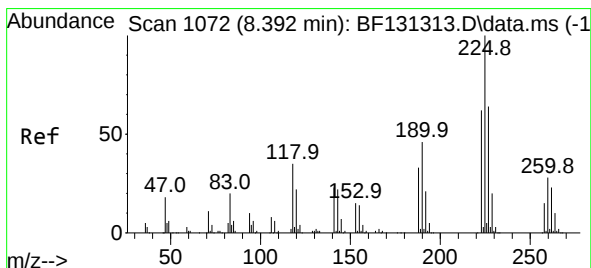
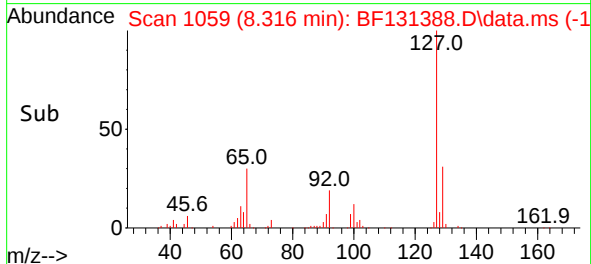
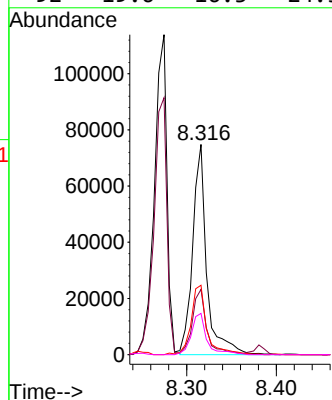
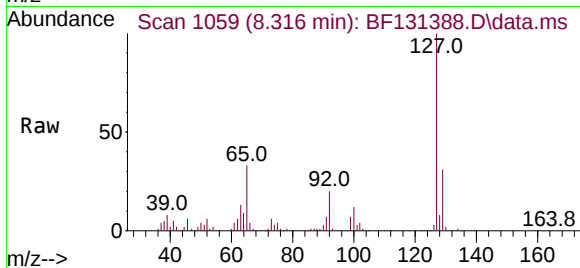
ClientSampleId :

PB149242BS

Tgt Ion:127 Resp: 81470
Ion Ratio Lower Upper
127 100
129 31.1 26.4 39.6
65 33.0 31.0 46.6
92 19.6 16.3 24.5

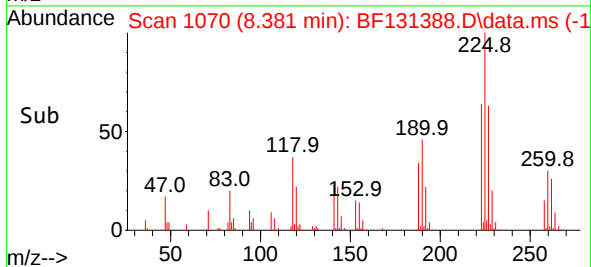
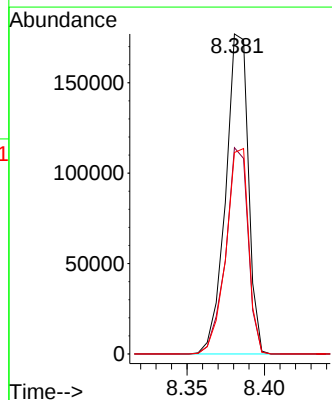
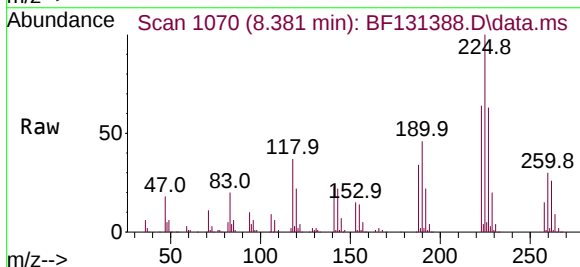
Manual Integrations
APPROVED

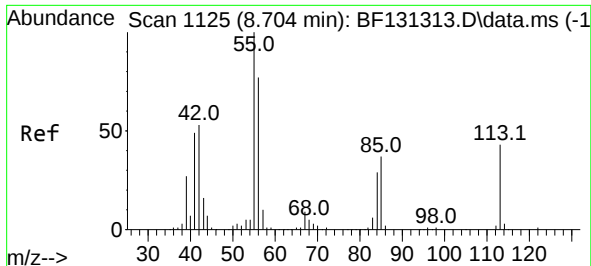
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#34
Hexachlorobutadiene
Concen: 40.305 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:225 Resp: 180099
Ion Ratio Lower Upper
225 100
223 64.5 49.4 74.0
227 62.9 51.1 76.7





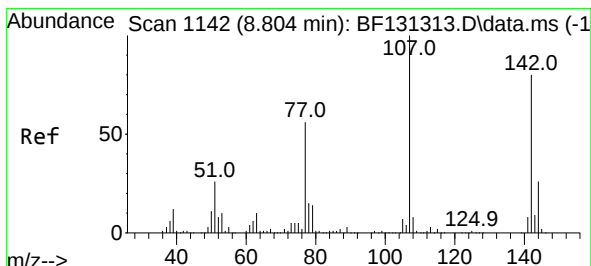
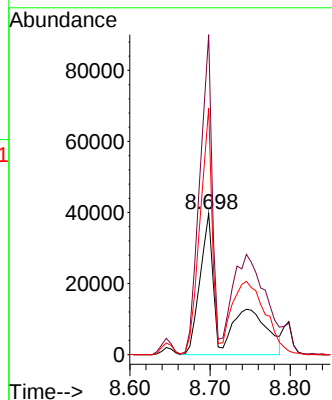
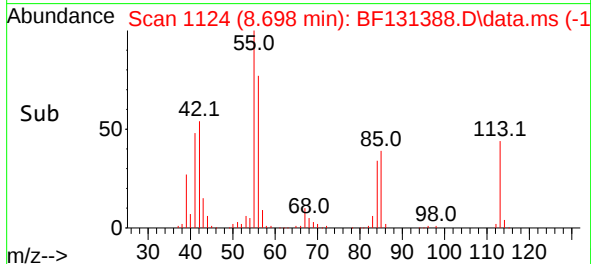
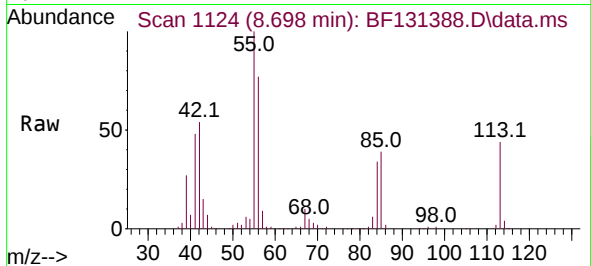
#35
Caprolactam
Concen: 56.148 ng m
RT: 8.698 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion:113 Resp: 82188
Ion Ratio Lower Upper
113 100
55 226.7 214.5 254.5
56 174.7 159.4 199.4

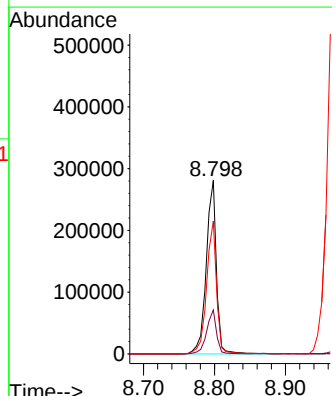
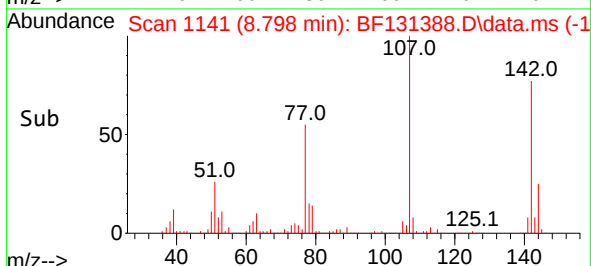
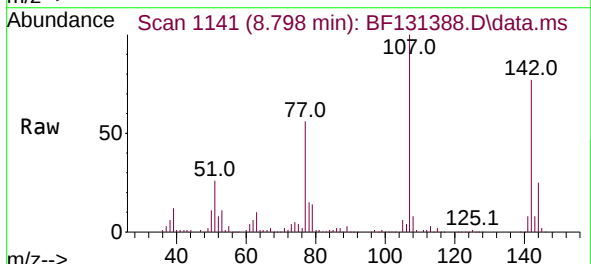
Manual Integrations
APPROVED

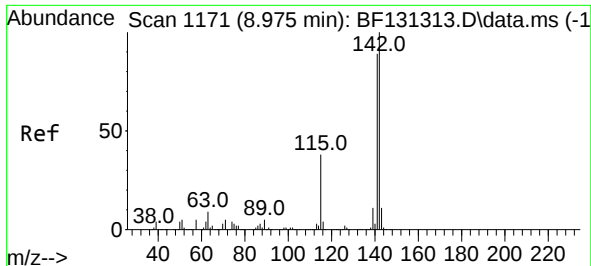
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#36
4-Chloro-3-methylphenol
Concen: 47.699 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:107 Resp: 276045
Ion Ratio Lower Upper
107 100
144 25.3 20.9 31.3
142 76.6 63.9 95.9





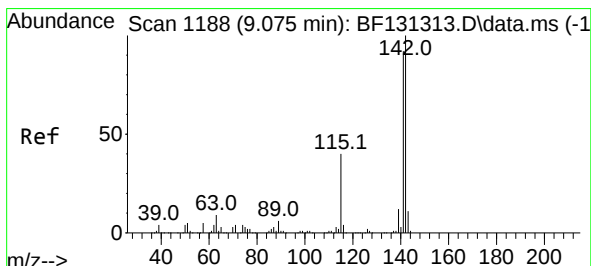
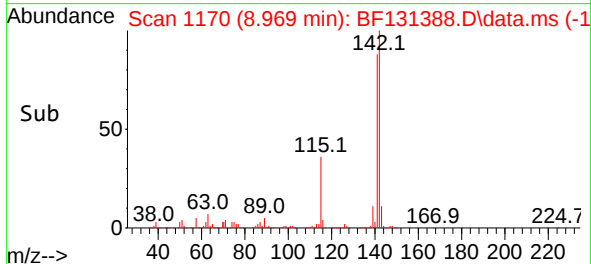
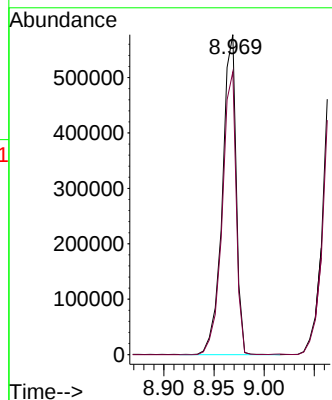
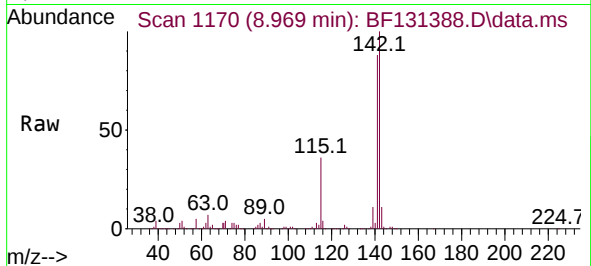
#37
2-Methylnaphthalene
Concen: 41.157 ng
RT: 8.969 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion:142 Resp: 556209
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4

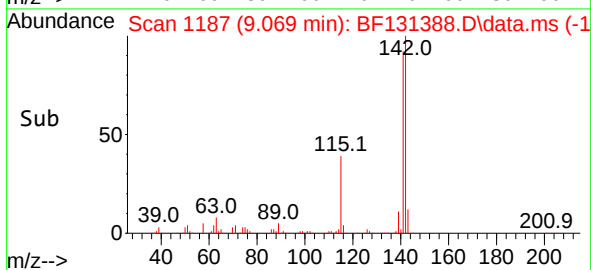
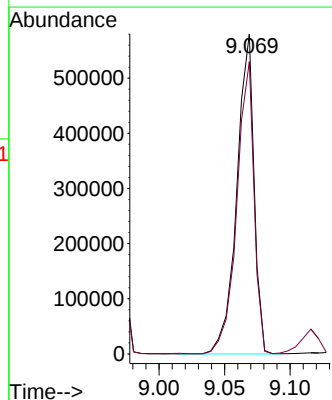
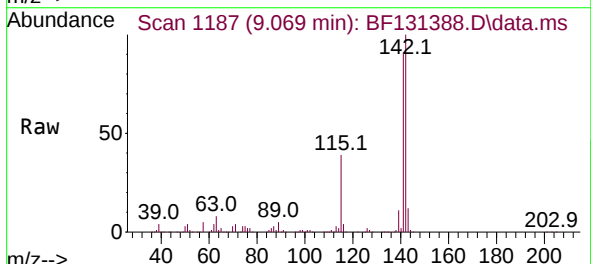
Manual Integrations
APPROVED

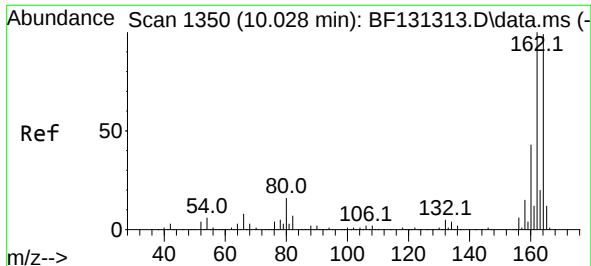
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#38
1-Methylnaphthalene
Concen: 40.404 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

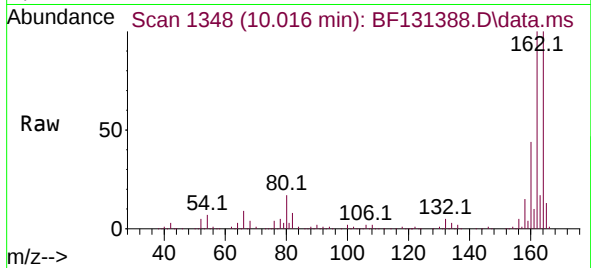
Tgt Ion:142 Resp: 529486
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

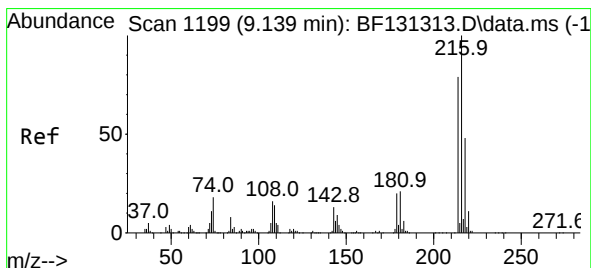
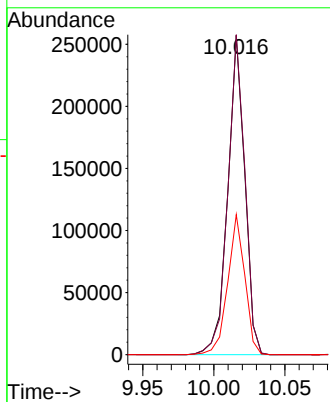
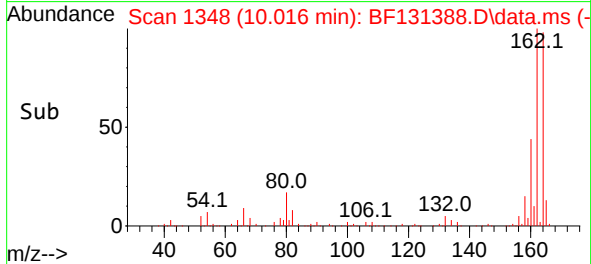
Instrument :
BNA_F
ClientSampleId :
PB149242BS



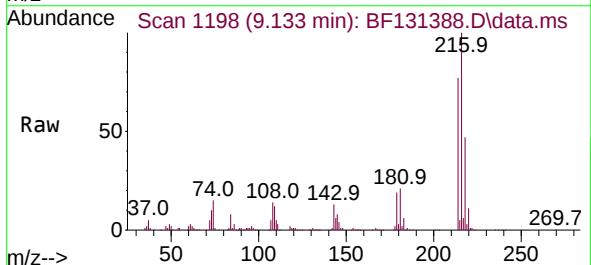
Tgt Ion:164 Resp: 214772
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 43.8 34.4 51.6

Manual Integrations
APPROVED

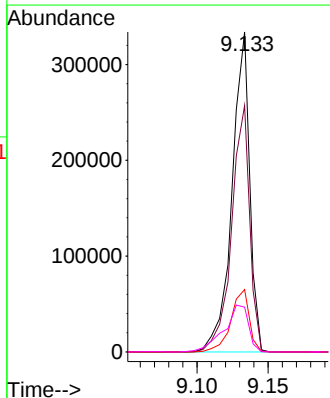
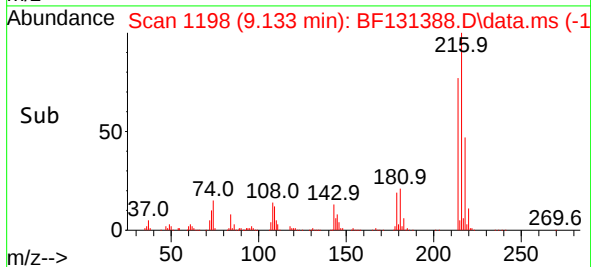
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

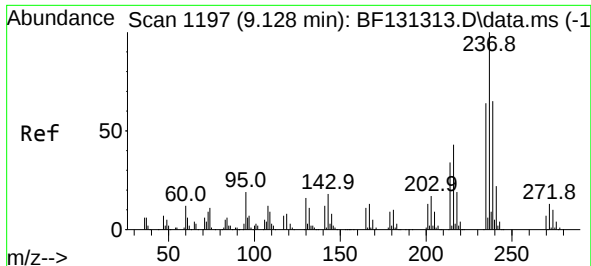


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.382 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



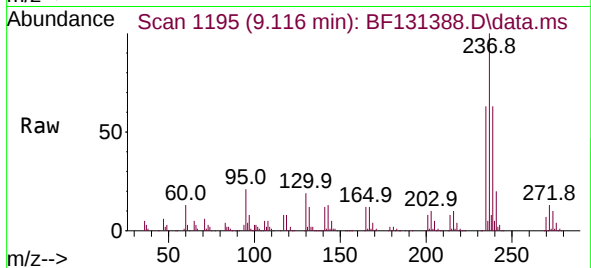
Tgt Ion:216 Resp: 288420
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 20.2 16.2 24.4
108 20.2 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 116.599 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

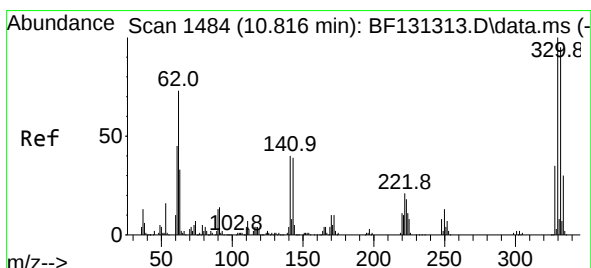
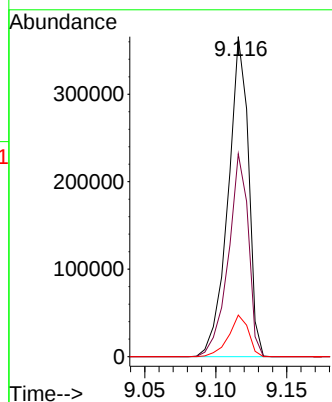
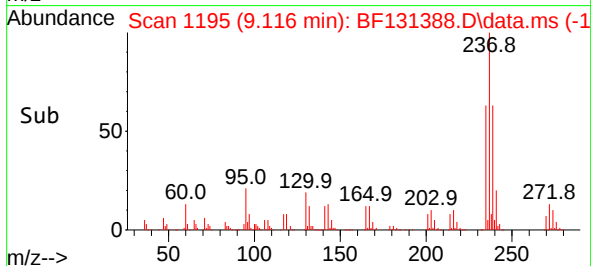
Instrument :
BNA_F
ClientSampleId :
PB149242BS



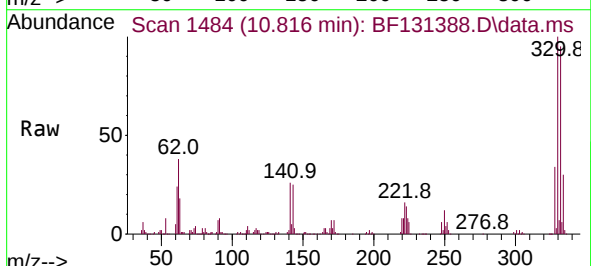
Tgt Ion:237 Resp: 365331
Ion Ratio Lower Upper
237 100
235 63.4 44.2 84.2
272 13.0 0.0 33.4

Manual Integrations
APPROVED

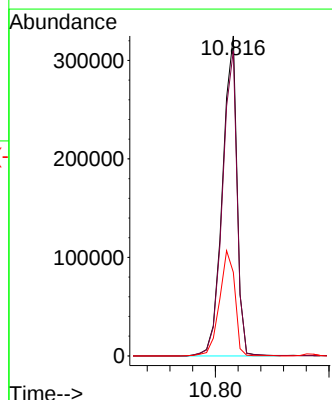
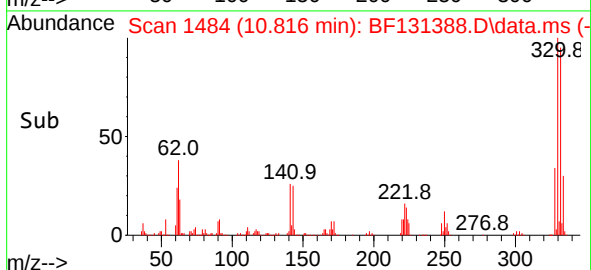
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

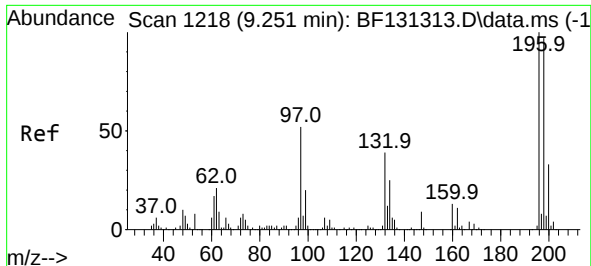


#42
2,4,6-Tribromophenol
Concen: 159.058 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



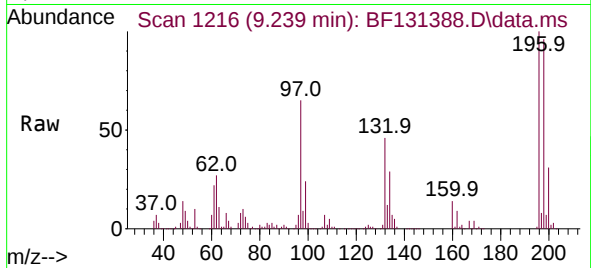
Tgt Ion:330 Resp: 287407
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 34.7 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 49.484 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

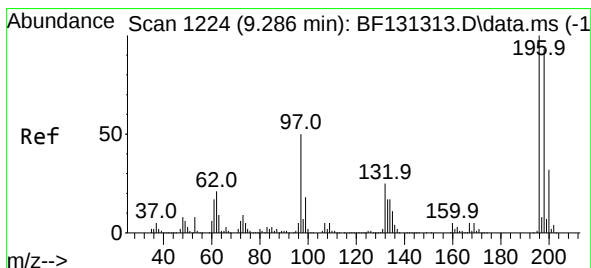
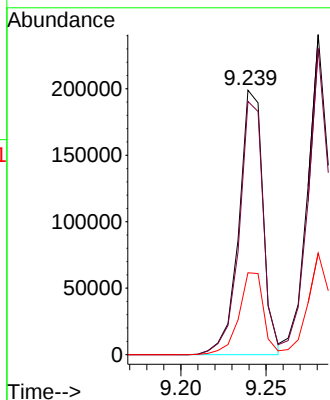
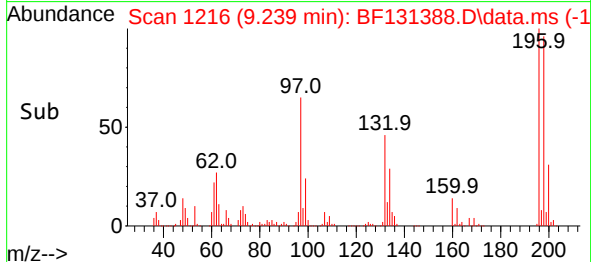
Instrument :
BNA_F
ClientSampleId :
PB149242BS



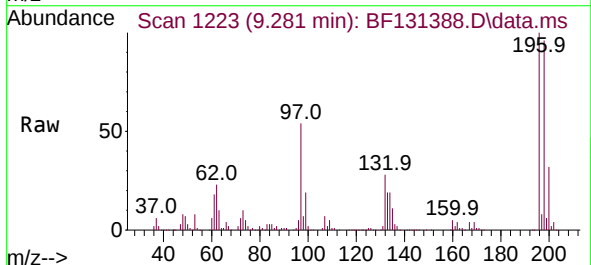
Tgt Ion:196 Resp: 195654
Ion Ratio Lower Upper
196 100
198 95.8 77.4 116.0
200 30.9 26.3 39.5

Manual Integrations
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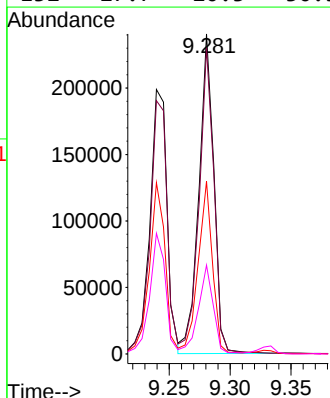
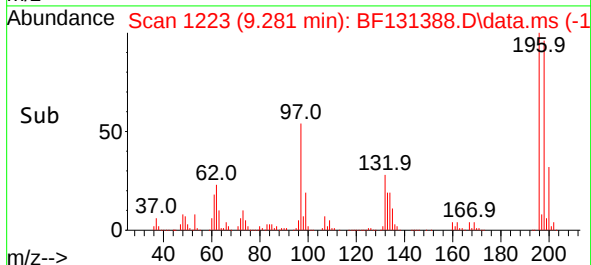
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

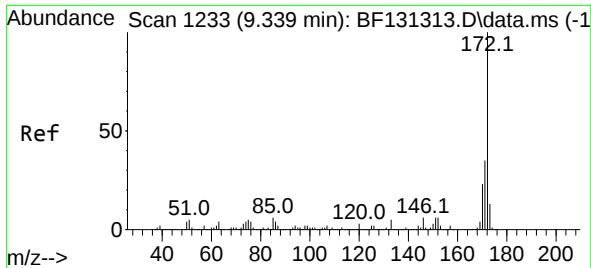


#44
2,4,5-Trichlorophenol
Concen: 46.367 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



Tgt Ion:196 Resp: 206153
Ion Ratio Lower Upper
196 100
198 95.6 75.0 112.4
97 53.9 40.3 60.5
132 27.7 20.3 30.5





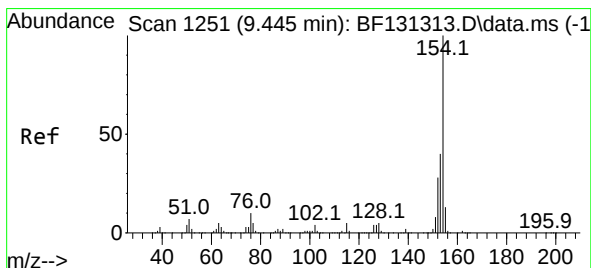
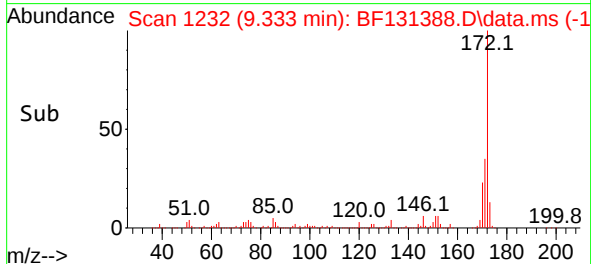
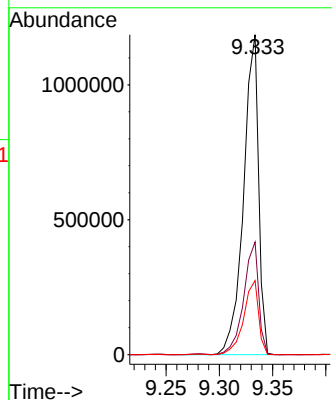
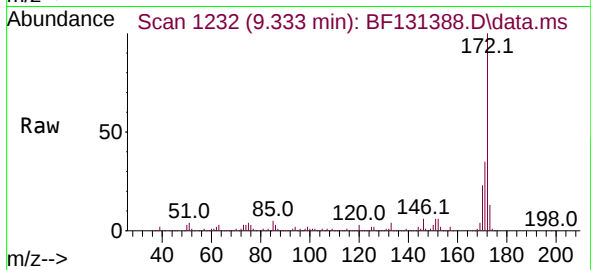
#45
2-Fluorobiphenyl
Concen: 78.409 ng
RT: 9.333 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion:172 Resp: 115755
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.1 18.7 28.1

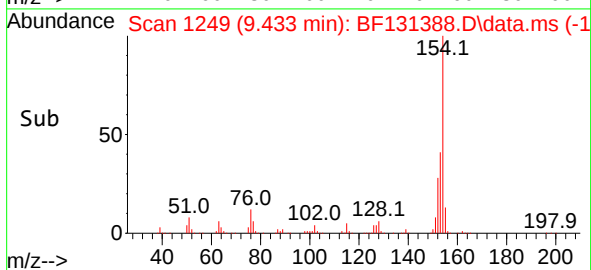
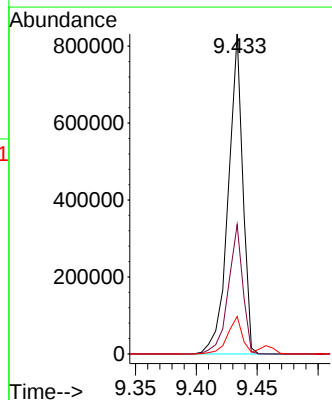
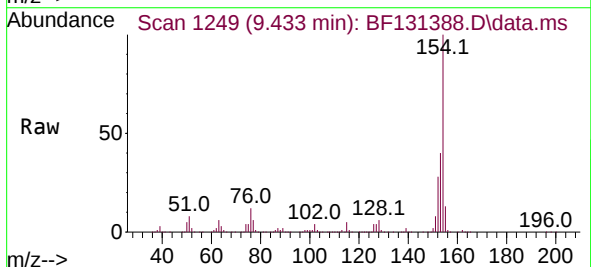
Manual Integrations
APPROVED

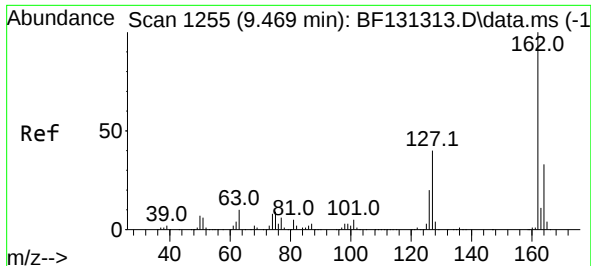
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#46
1,1'-Biphenyl
Concen: 42.227 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:154 Resp: 692104
Ion Ratio Lower Upper
154 100
153 40.4 19.8 59.8
76 11.7 0.0 30.2





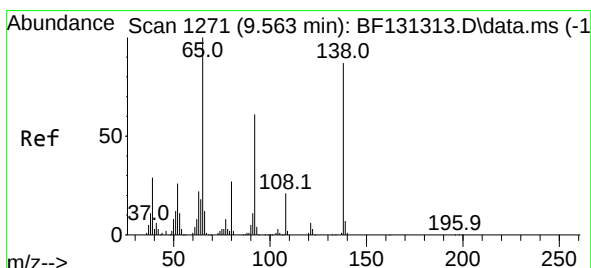
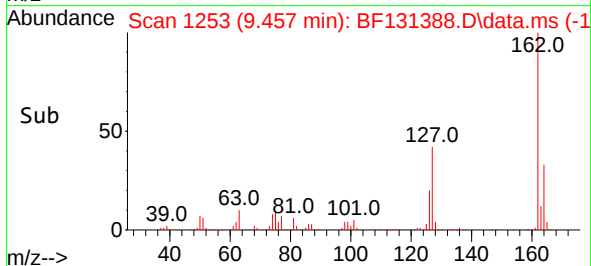
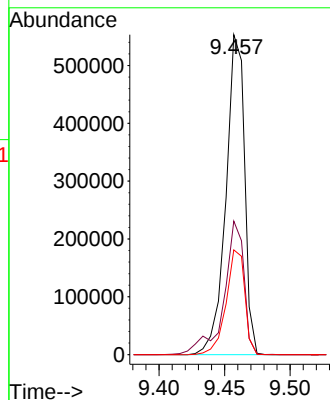
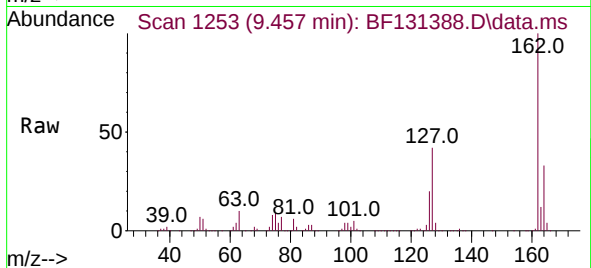
#47
2-Chloronaphthalene
Concen: 41.755 ng
RT: 9.457 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion:162 Resp: 548989
Ion Ratio Lower Upper
162 100
127 41.7 32.1 48.1
164 32.7 26.6 39.8

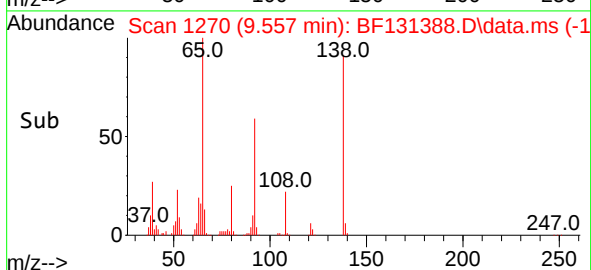
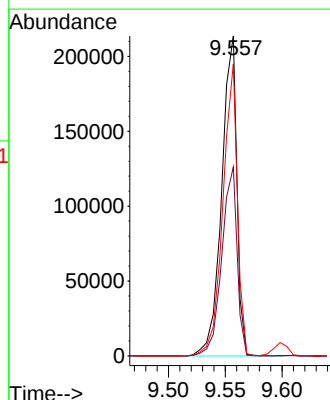
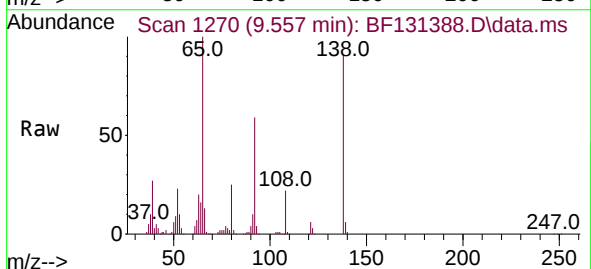
Manual Integrations
APPROVED

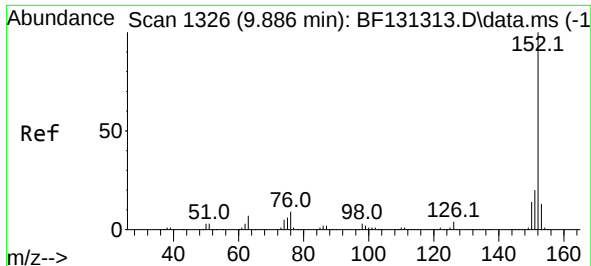
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#48
2-Nitroaniline
Concen: 49.580 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

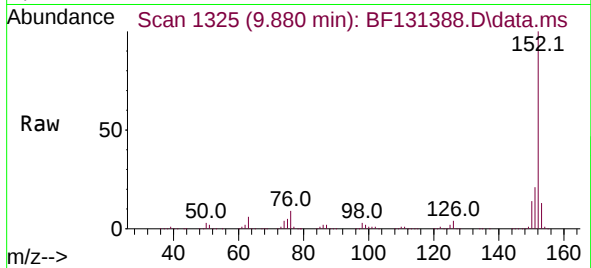
Tgt Ion: 65 Resp: 197926
Ion Ratio Lower Upper
65 100
92 59.0 49.0 73.4
138 91.3 69.4 104.2





#49
Acenaphthylene
Concen: 41.828 ng
RT: 9.880 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

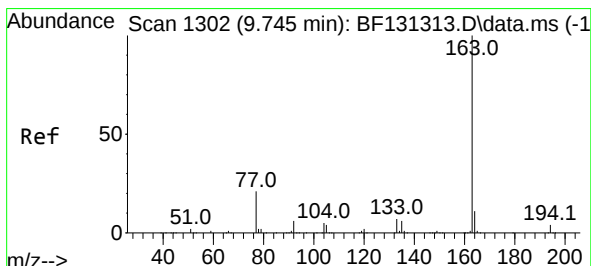
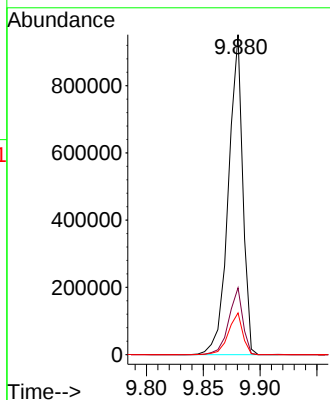
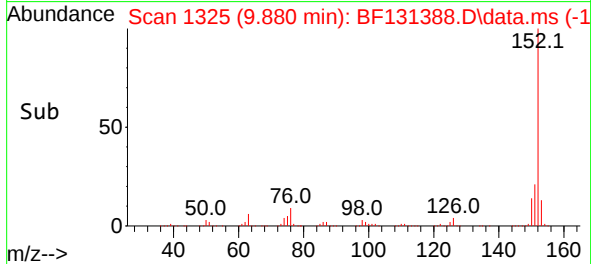
Instrument :
BNA_F
ClientSampleId :
PB149242BS



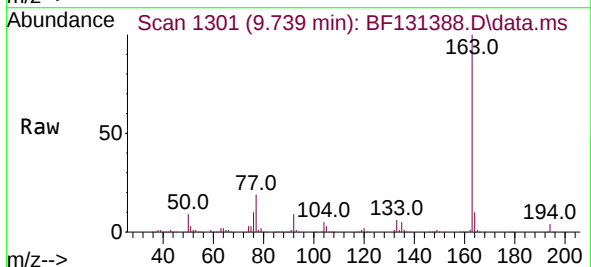
Tgt Ion:152 Resp: 838345
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 13.0 10.6 15.8

Manual Integrations
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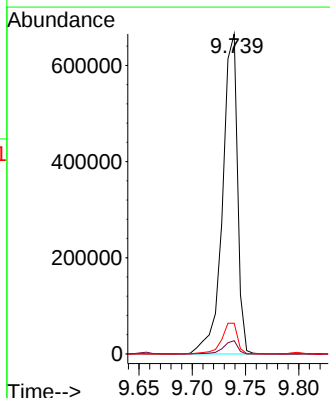
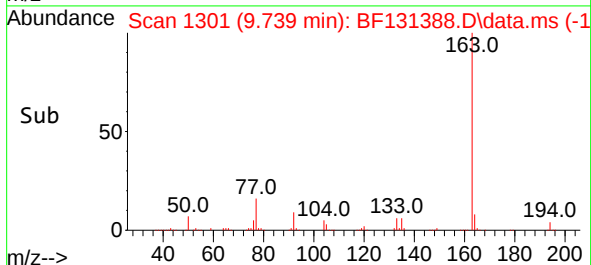
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

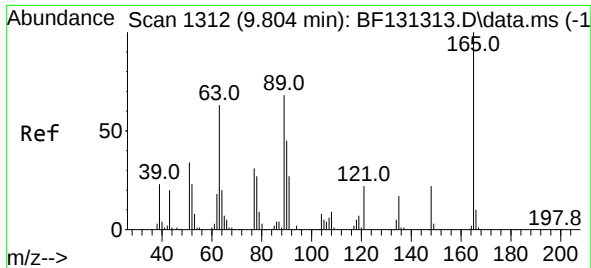


#50
Dimethylphthalate
Concen: 43.549 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



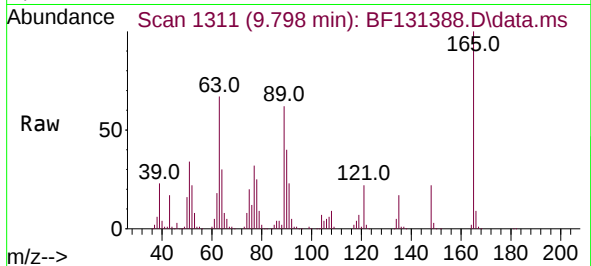
Tgt Ion:163 Resp: 651680
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.6 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 47.867 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

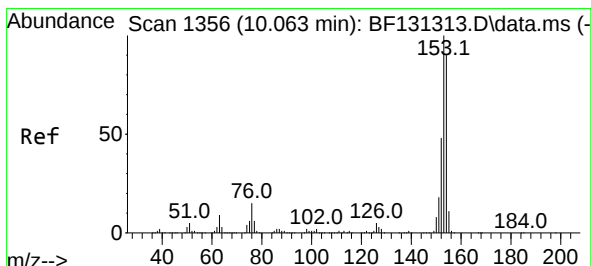
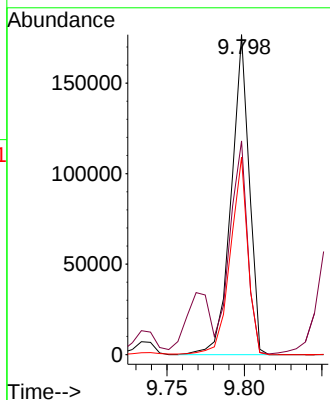
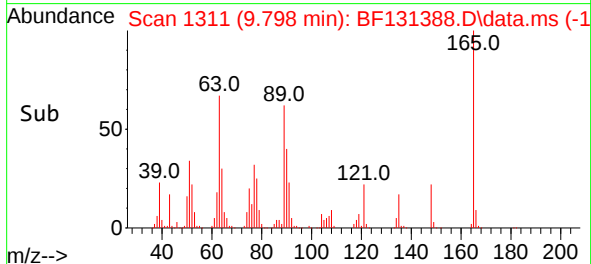
Instrument :
BNA_F
ClientSampleId :
PB149242BS



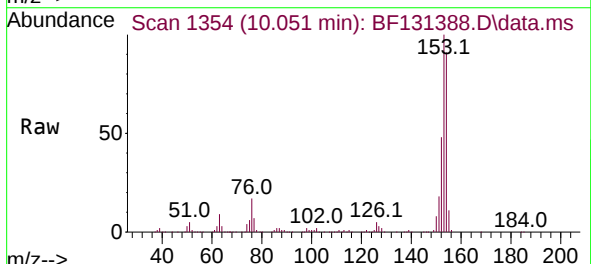
Tgt Ion:165 Resp: 143249
Ion Ratio Lower Upper
165 100
63 66.8 62.0 93.0
89 61.7 54.4 81.6

Manual Integrations
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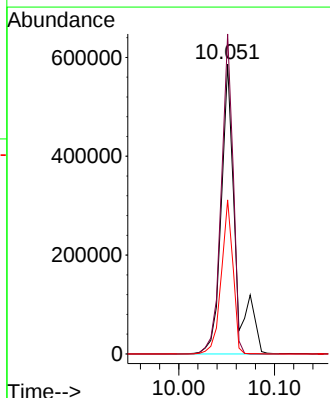
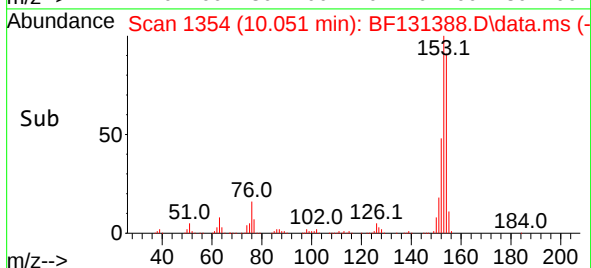
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

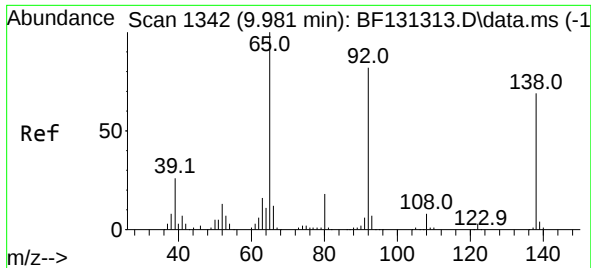


#52
Acenaphthene
Concen: 47.693 ng m
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



Tgt Ion:154 Resp: 598575
Ion Ratio Lower Upper
154 100
153 110.4 88.4 132.6
152 53.1 42.8 64.2





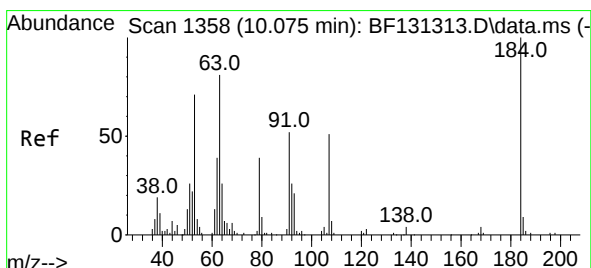
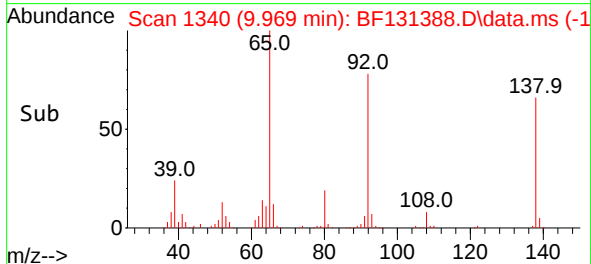
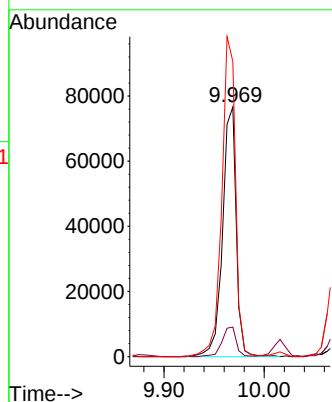
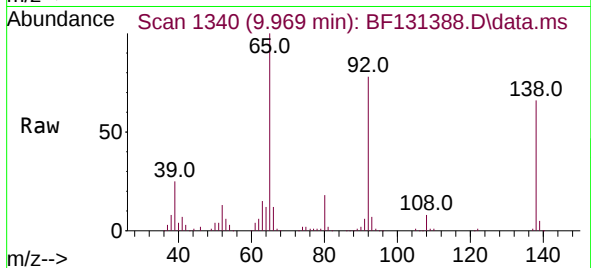
#53
3-Nitroaniline
Concen: 23.659 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion:138 Resp: 72754
Ion Ratio Lower Upper
138 100
108 11.8 8.9 13.3
92 118.2 95.3 142.9

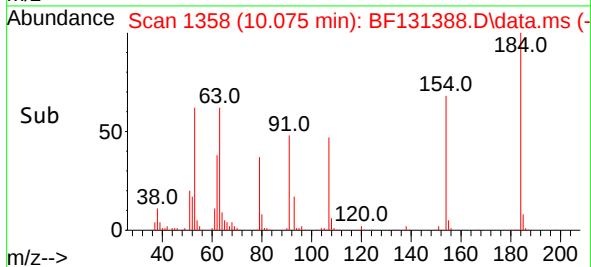
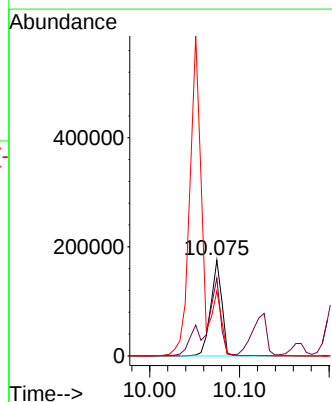
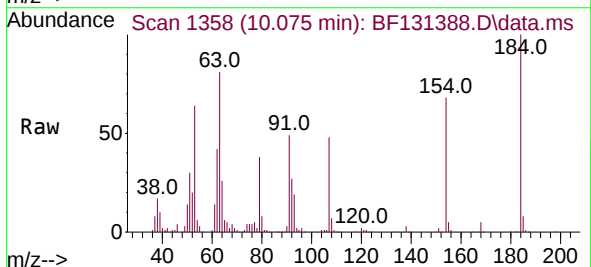
Manual Integrations
APPROVED

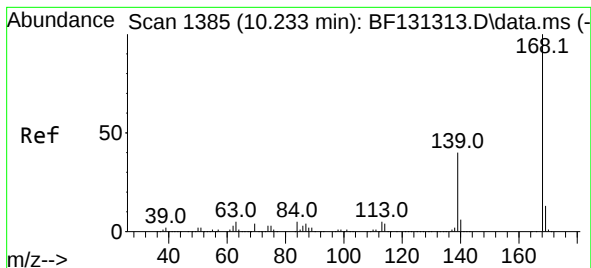
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#54
2,4-Dinitrophenol
Concen: 99.923 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:184 Resp: 151810
Ion Ratio Lower Upper
184 100
63 81.2 72.1 108.1
154 68.0 56.3 84.5





#55

Dibenzofuran

Concen: 41.351 ng

RT: 10.228 min Scan# 1384

Delta R.T. 0.000 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

PB149242BS

Tgt Ion:168 Resp: 74662

Ion Ratio Lower Upper

168 100

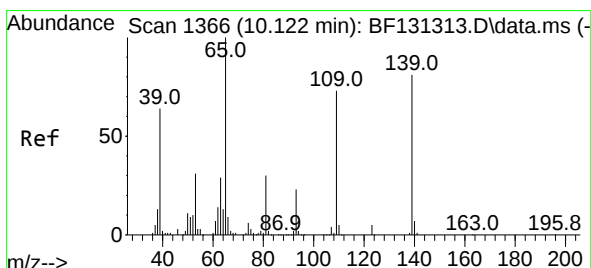
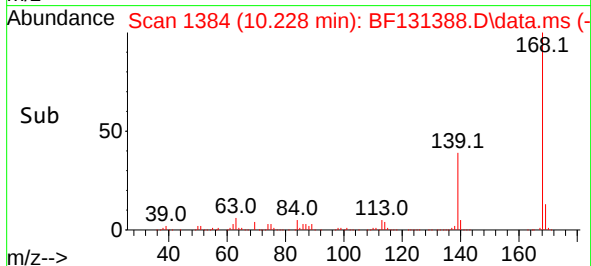
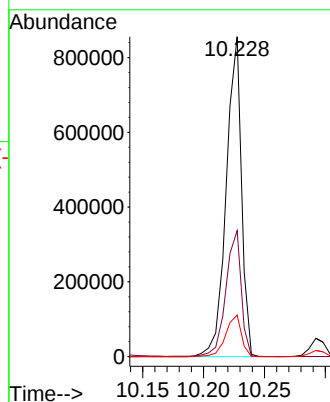
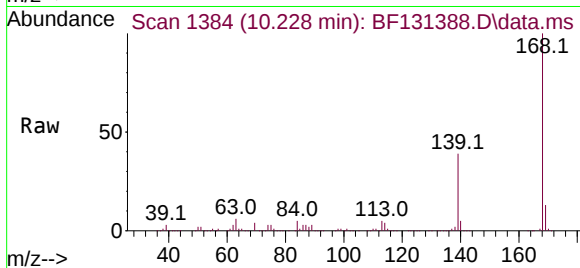
139 39.4 31.7 47.5

169 13.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#56

4-Nitrophenol

Concen: 110.007 ng

RT: 10.128 min Scan# 1367

Delta R.T. 0.012 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39

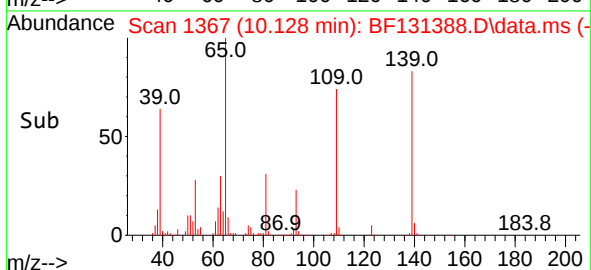
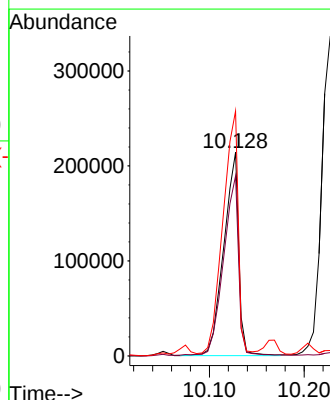
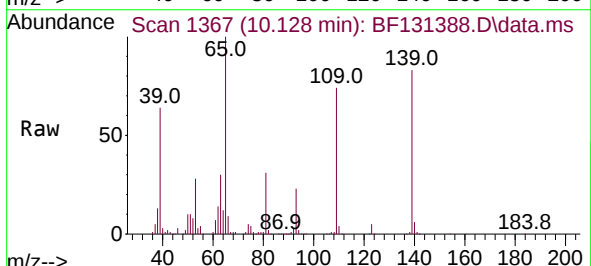
Tgt Ion:139 Resp: 234776

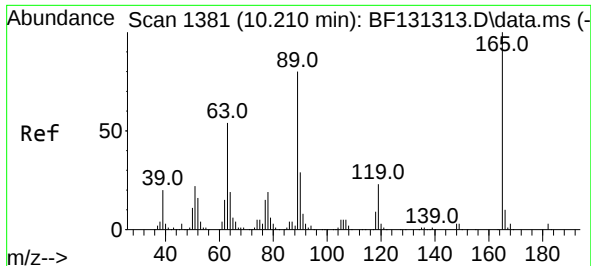
Ion Ratio Lower Upper

139 100

109 88.4 69.6 109.6

65 120.3 103.4 143.4





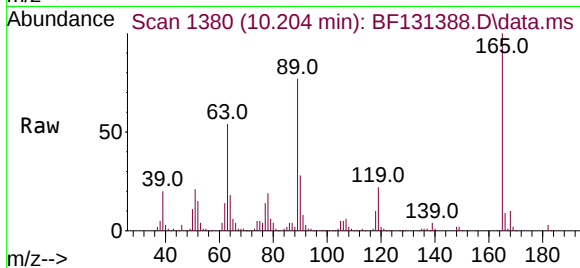
#57
2,4-Dinitrotoluene
Concen: 53.153 ng
RT: 10.204 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

PB149242BS

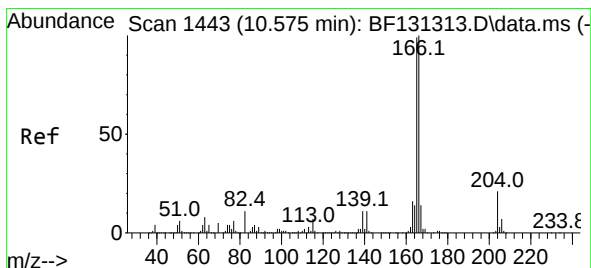
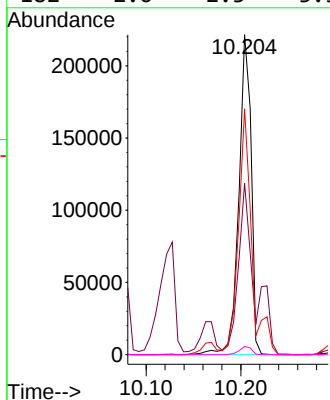
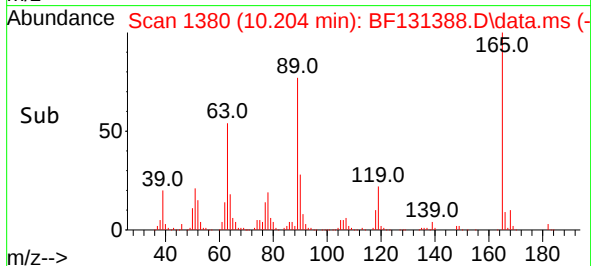


Tgt Ion:165 Resp: 200142
Ion Ratio Lower Upper
165 100
63 53.6 43.4 65.2
89 76.8 64.0 96.0
182 2.6 2.3 3.5

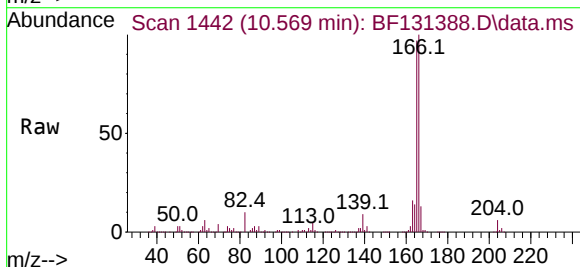
Manual Integrations

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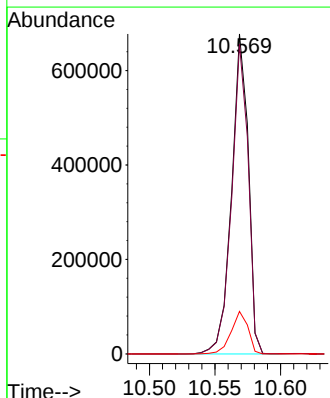
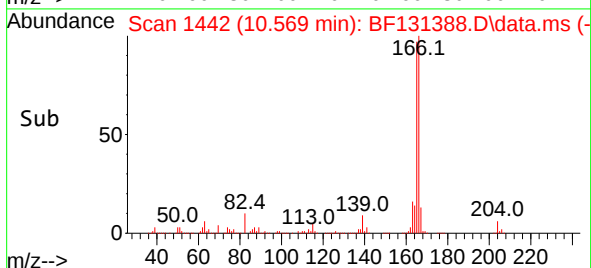
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

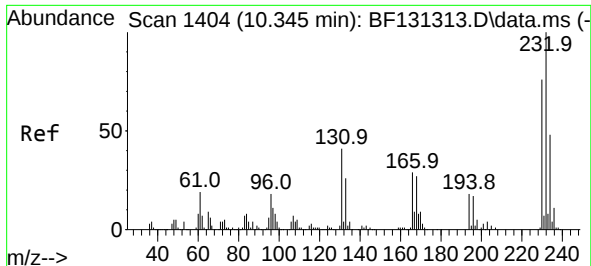


#58
Fluorene
Concen: 42.487 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



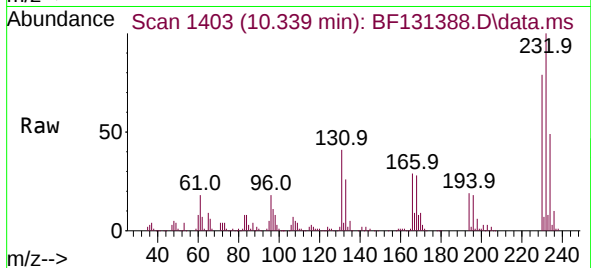
Tgt Ion:166 Resp: 598706
Ion Ratio Lower Upper
166 100
165 96.8 79.0 118.4
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.477 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

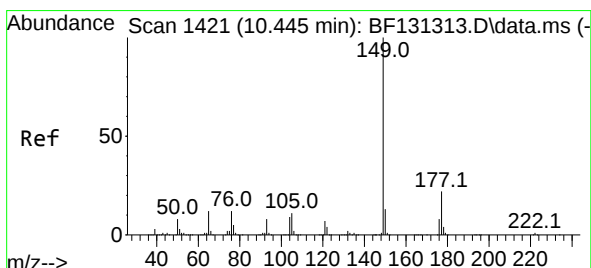
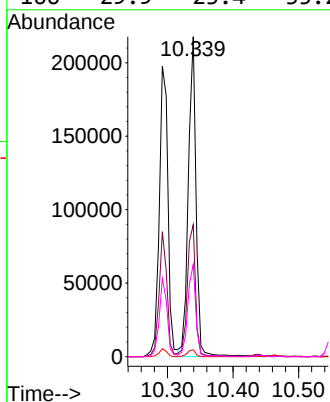
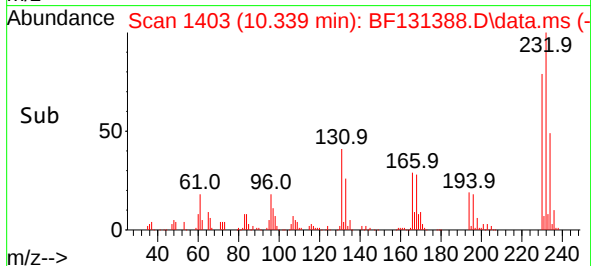
Instrument :
BNA_F
ClientSampleId :
PB149242BS



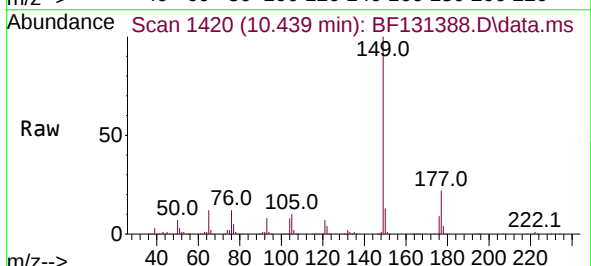
Tgt Ion:232 Resp: 179495
Ion Ratio Lower Upper
232 100
131 43.3 35.2 52.8
130 2.3 1.8 2.8
166 29.9 23.4 35.2

Manual Integrations
APPROVED

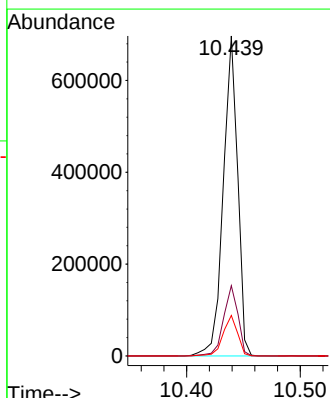
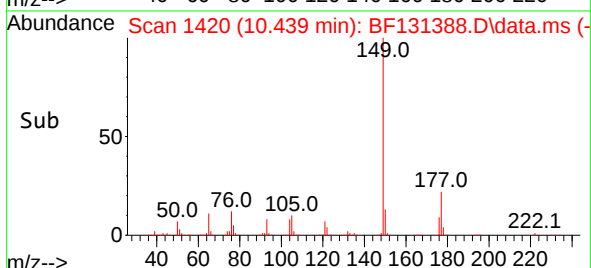
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

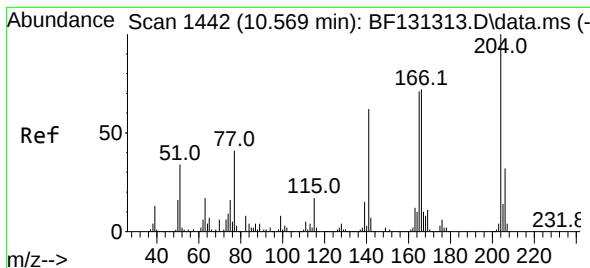


#60
Diethylphthalate
Concen: 43.221 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



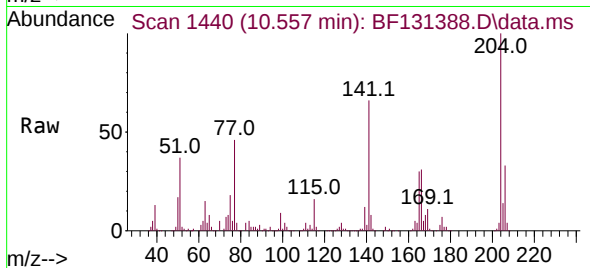
Tgt Ion:149 Resp: 610708
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.343 ng
RT: 10.557 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

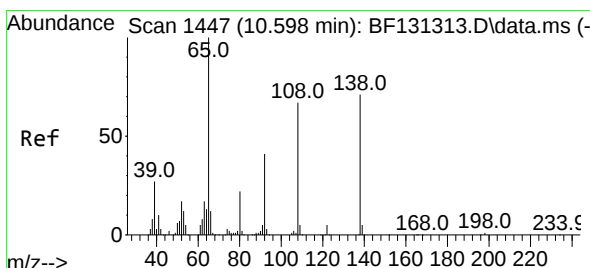
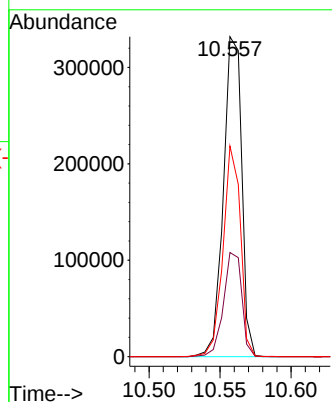
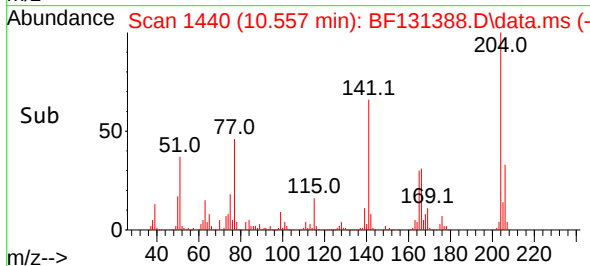
Instrument :
BNA_F
ClientSampleId :
PB149242BS



Tgt Ion:204 Resp: 298661
Ion Ratio Lower Upper
204 100
206 32.5 25.7 38.5
141 65.8 49.2 73.8

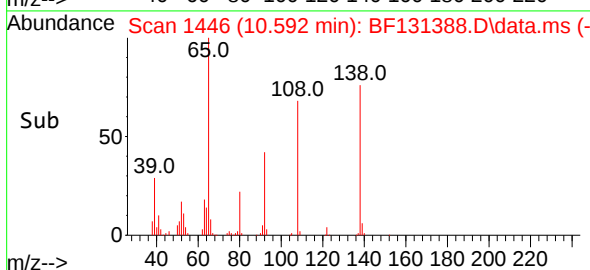
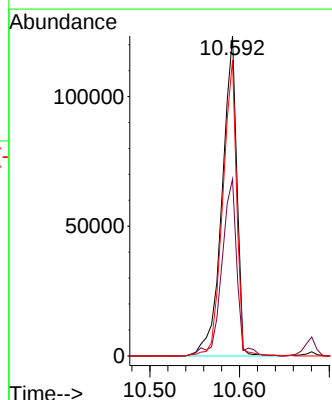
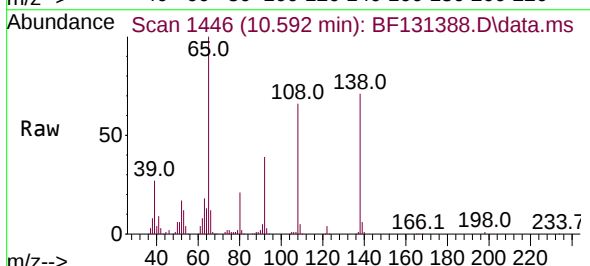
Manual Integrations
APPROVED

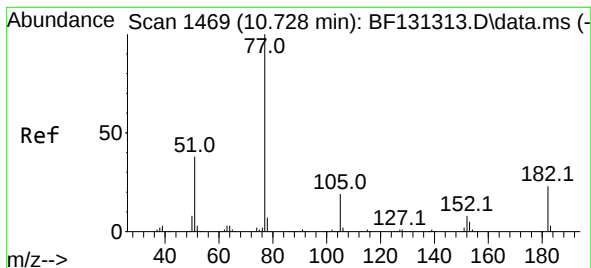
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#62
4-Nitroaniline
Concen: 46.345 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

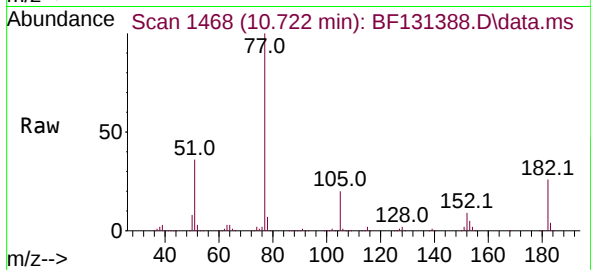
Tgt Ion:138 Resp: 141835
Ion Ratio Lower Upper
138 100
92 55.2 37.0 77.0
108 92.5 74.0 114.0





#63
Azobenzene
Concen: 40.572 ng
RT: 10.722 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

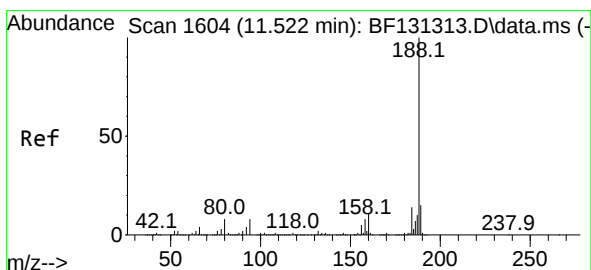
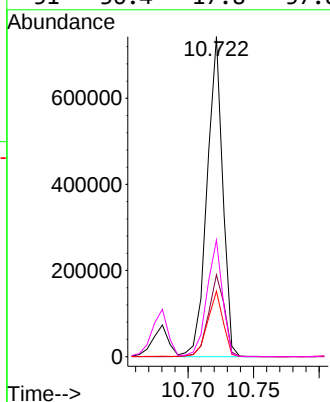
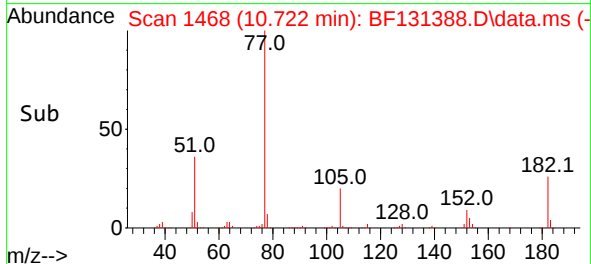
Instrument :
BNA_F
ClientSampleId :
PB149242BS



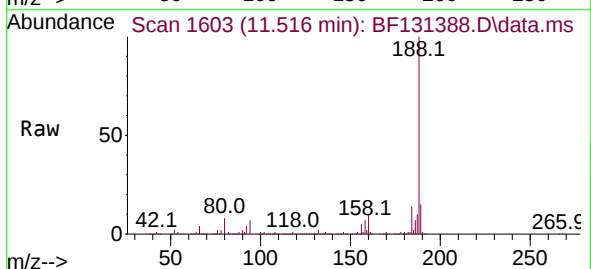
Tgt Ion: 77 Resp: 616411
Ion Ratio Lower Upper
77 100
182 25.6 3.1 43.1
105 20.4 0.0 39.2
51 36.4 17.8 57.8

Manual Integrations
APPROVED

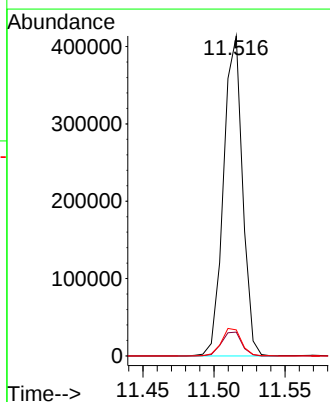
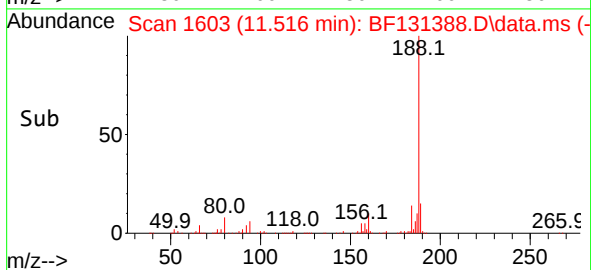
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

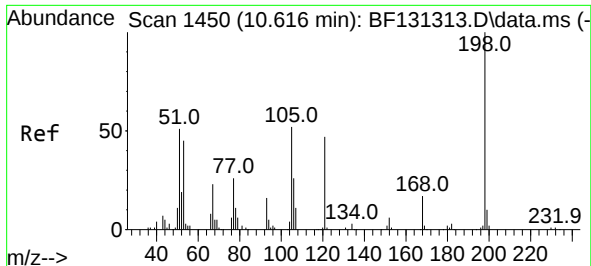


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



Tgt Ion:188 Resp: 386362
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.1 6.8 10.2





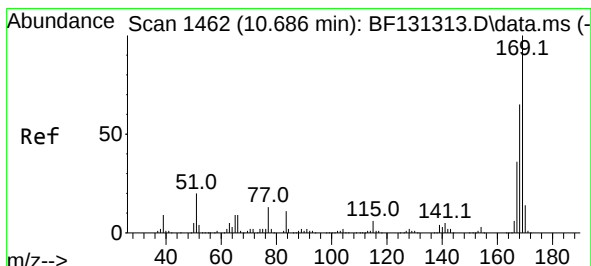
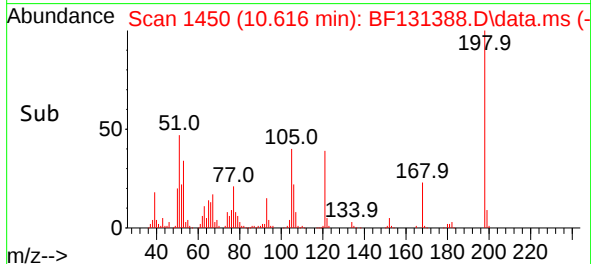
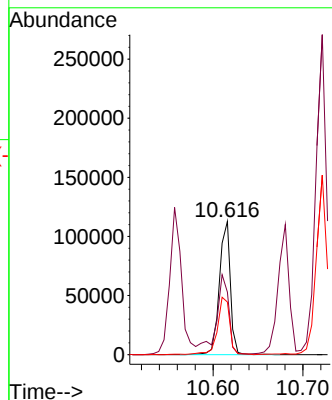
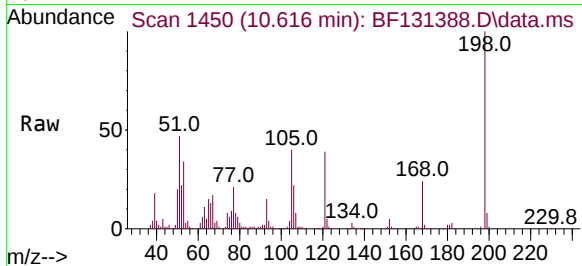
#65
4,6-Dinitro-2-methylphenol
Concen: 54.961 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion:198 Resp: 95321
Ion Ratio Lower Upper
198 100
51 46.9 50.1 90.1
105 39.5 32.5 72.5

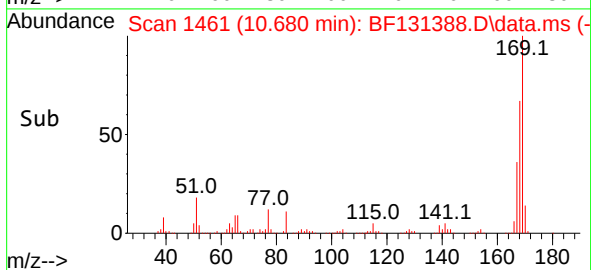
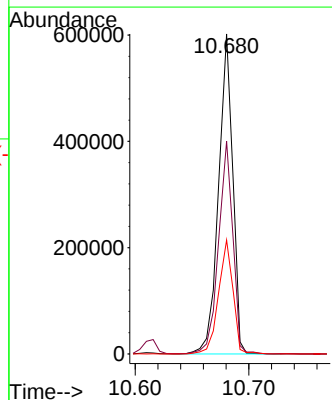
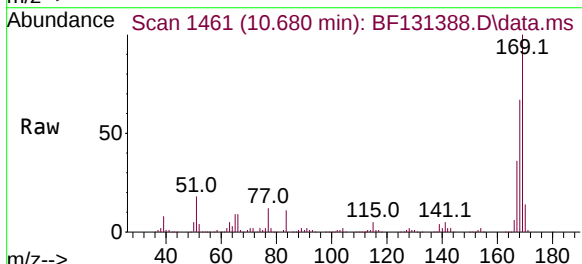
Manual Integrations
APPROVED

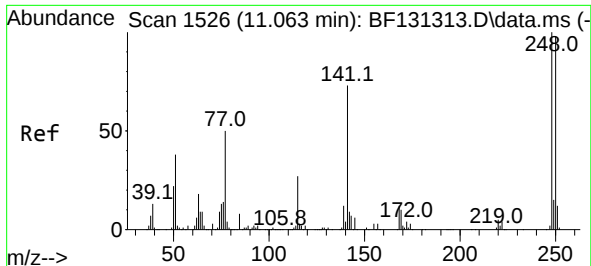
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#66
n-Nitrosodiphenylamine
Concen: 42.377 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:169 Resp: 521713
Ion Ratio Lower Upper
169 100
168 66.5 52.4 78.6
167 35.6 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 41.344 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

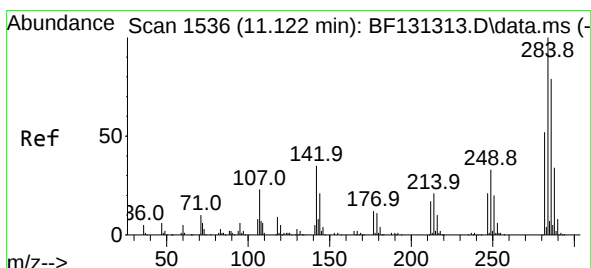
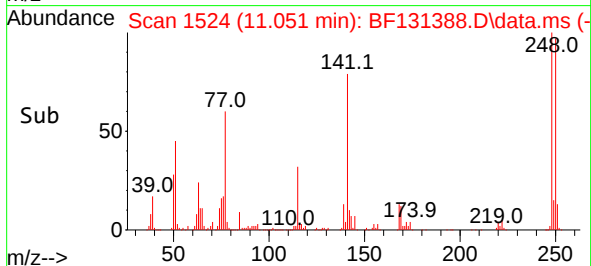
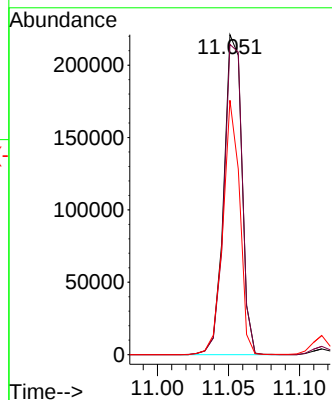
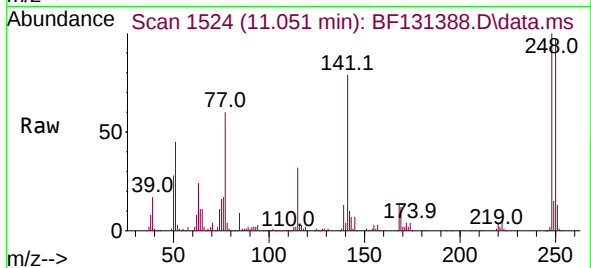
PB149242BS

Tgt Ion:248 Resp: 195778
Ion Ratio Lower Upper
248 100
250 96.9 78.3 117.5
141 79.5 58.0 87.0

Manual Integrations

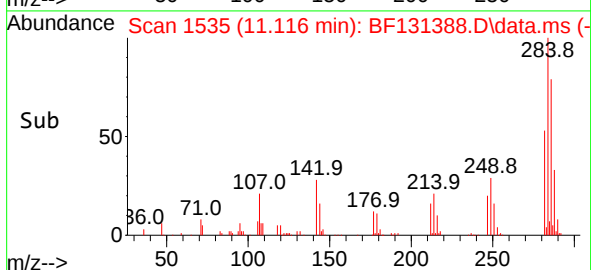
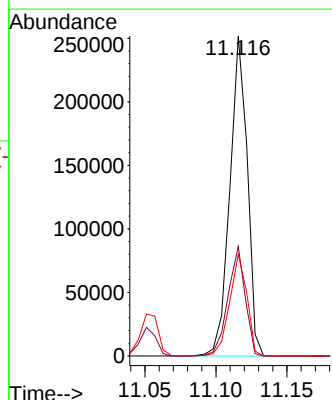
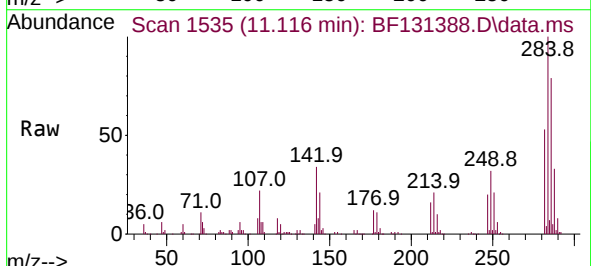
APPROVED

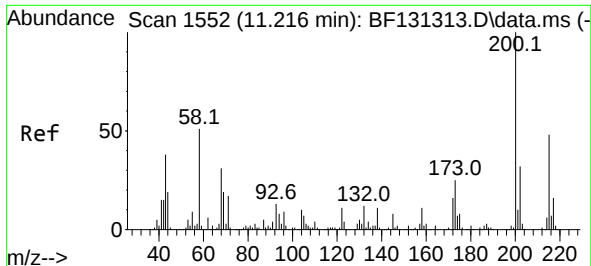
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#68
Hexachlorobenzene
Concen: 42.734 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

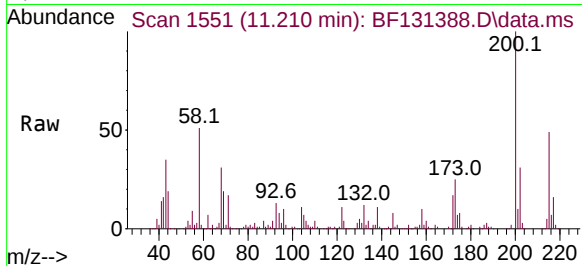
Tgt Ion:284 Resp: 214774
Ion Ratio Lower Upper
284 100
142 34.2 28.4 42.6
249 31.7 26.5 39.7





#69
Atrazine
Concen: 51.181 ng
RT: 11.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

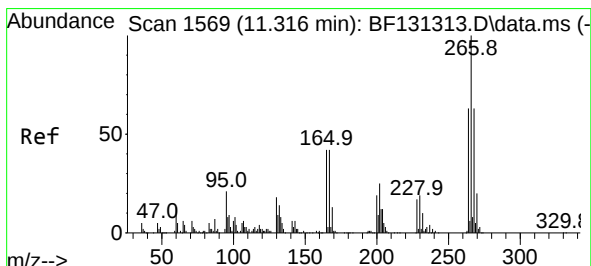
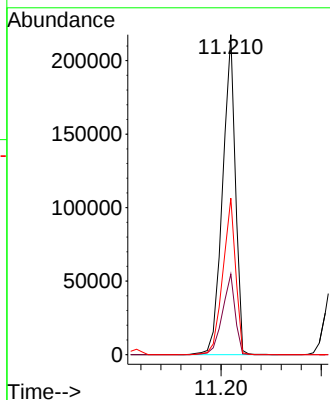
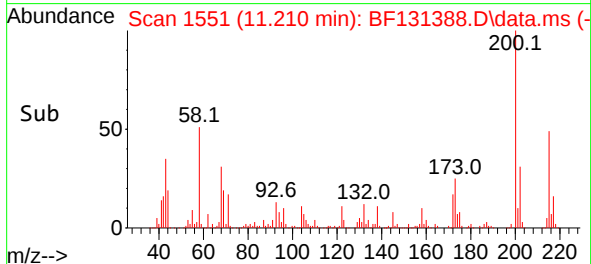
Instrument :
BNA_F
ClientSampleId :
PB149242BS



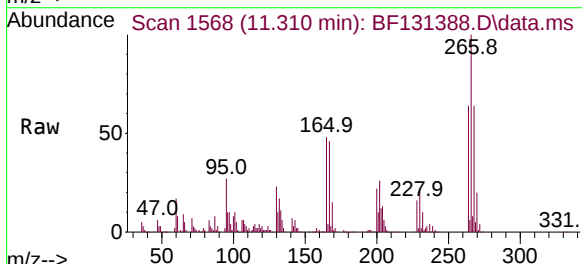
Tgt Ion:200 Resp: 194002
Ion Ratio Lower Upper
200 100
173 25.2 5.2 45.2
215 48.9 28.3 68.3

Manual Integrations
APPROVED

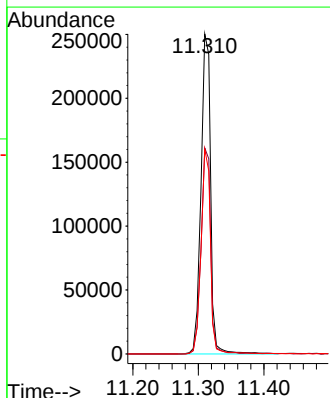
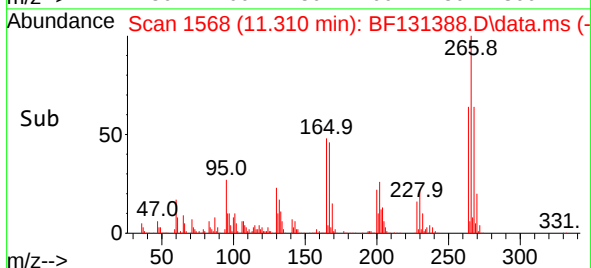
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

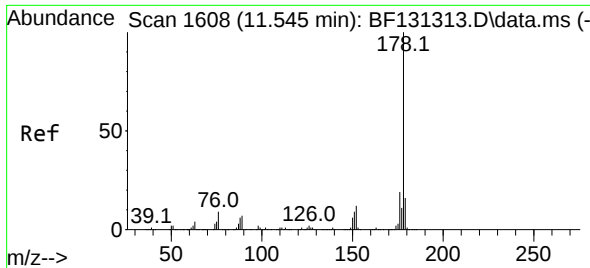


#70
Pentachlorophenol
Concen: 86.082 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



Tgt Ion:266 Resp: 252543
Ion Ratio Lower Upper
266 100
268 64.3 50.6 75.8
264 64.0 50.4 75.6





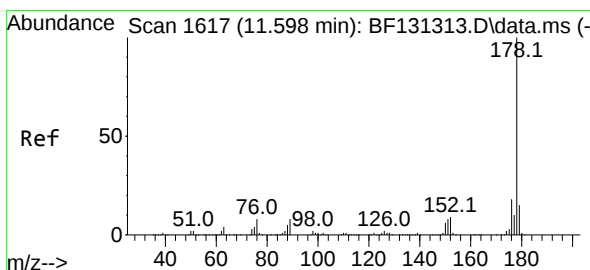
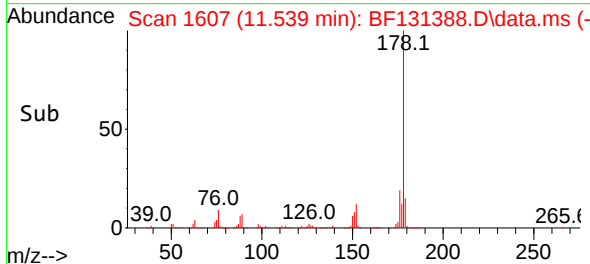
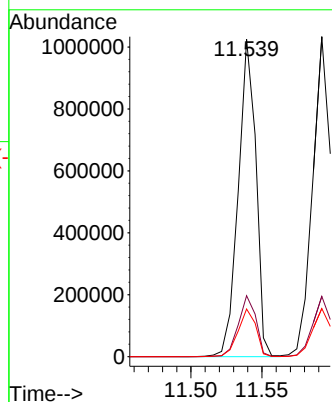
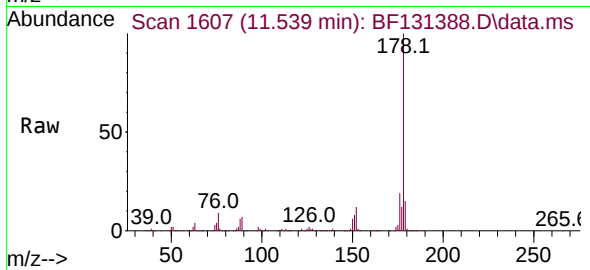
#71
Phenanthrene
Concen: 42.345 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion:178 Resp: 884181
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.0 12.4 18.6

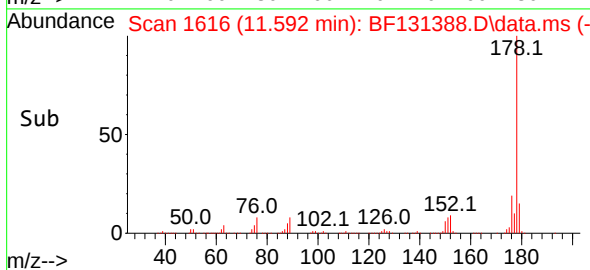
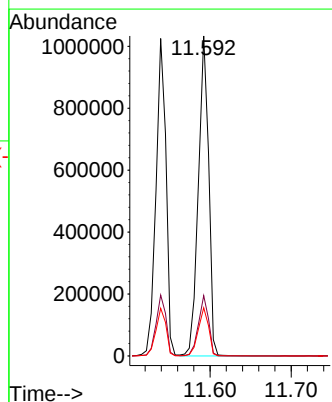
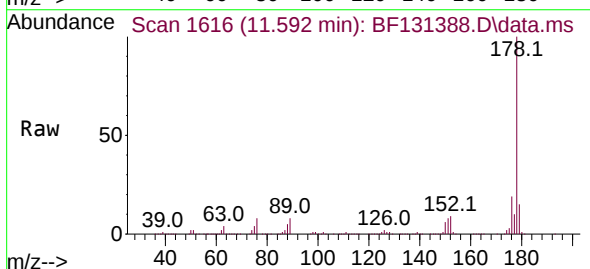
Manual Integrations
APPROVED

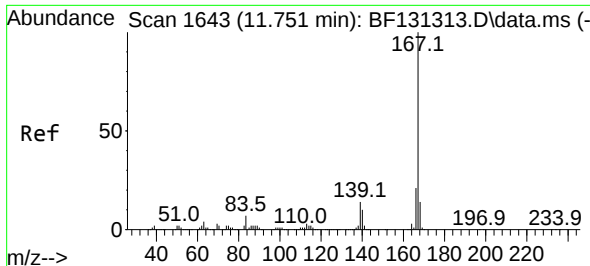
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#72
Anthracene
Concen: 44.192 ng
RT: 11.592 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:178 Resp: 906848
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.0 12.2 18.4





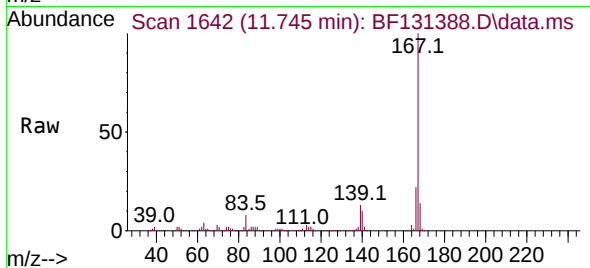
#73
 Carbazole
 Concen: 45.817 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. 0.000 min
 Lab File: BF131388.D
 Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

PB149242BS

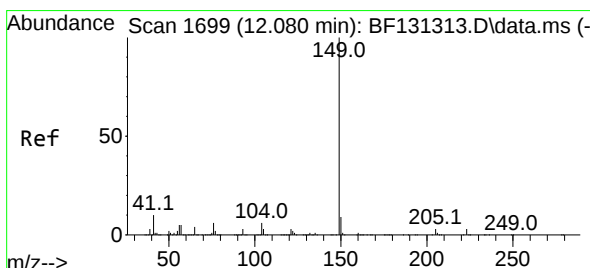
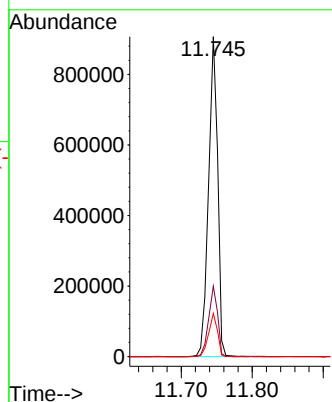
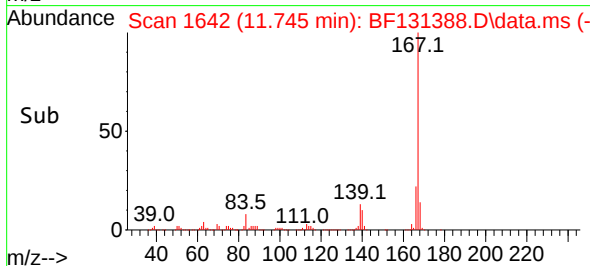


Tgt Ion:167 Resp: 801988
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 13.5 10.8 16.2

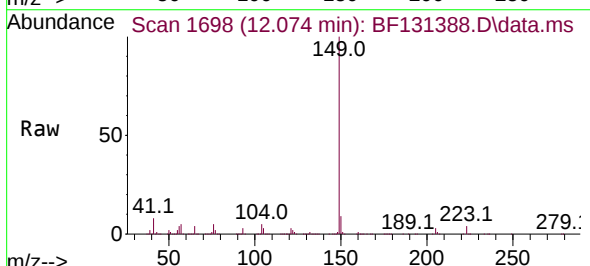
Manual Integrations

APPROVED

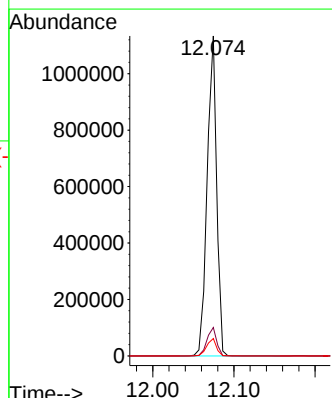
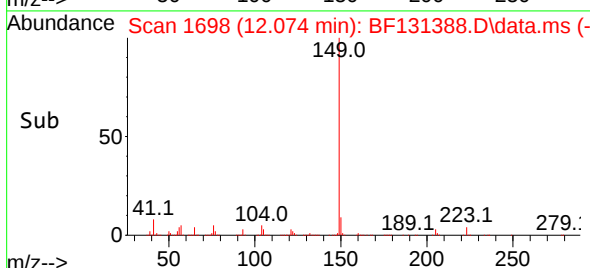
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

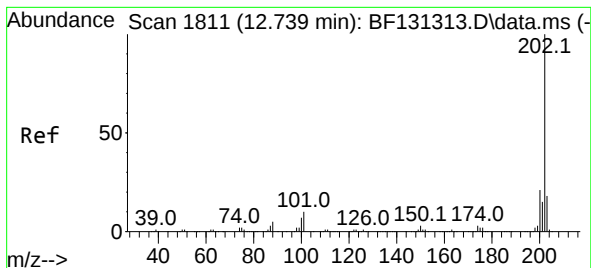


#74
 Di-n-butylphthalate
 Concen: 44.684 ng
 RT: 12.074 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: BF131388.D
 Acq: 25 Nov 2022 10:39



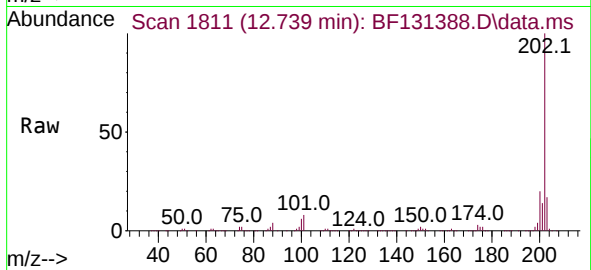
Tgt Ion:149 Resp: 921663
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.4 4.7 7.1





#75
Fluoranthene
Concen: 43.899 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

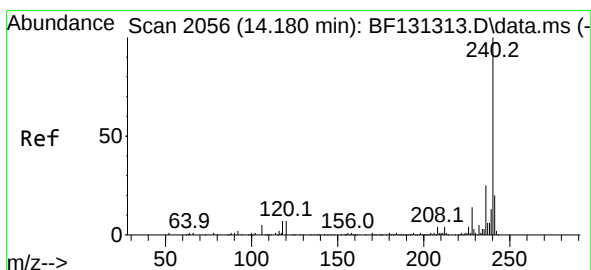
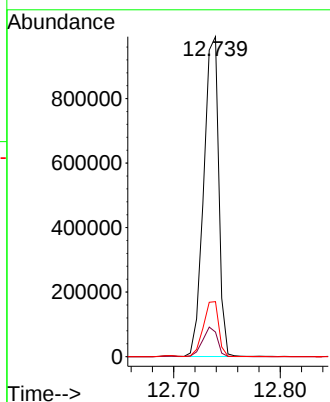
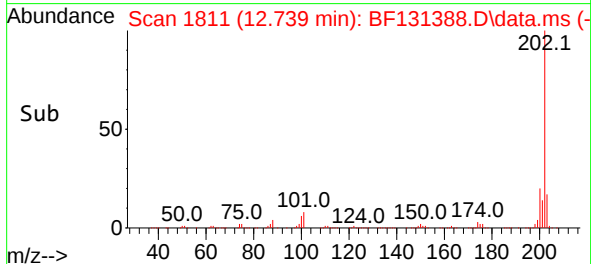
Instrument :
BNA_F
ClientSampleId :
PB149242BS



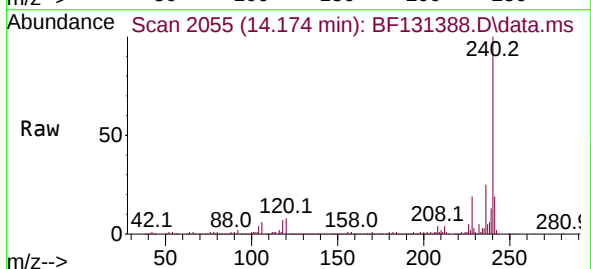
Tgt Ion:202 Resp: 965882
Ion Ratio Lower Upper
202 100
101 7.7 0.0 29.6
203 17.2 0.0 37.8

Manual Integrations
APPROVED

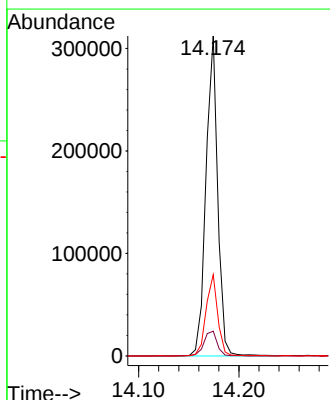
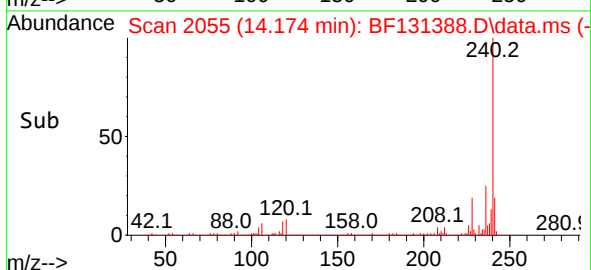
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

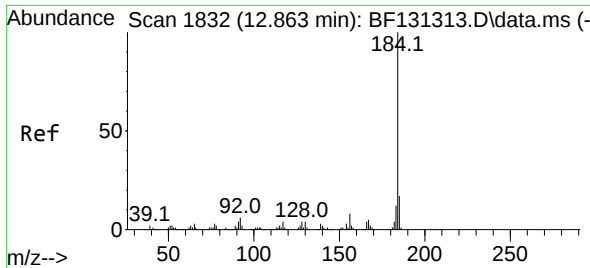


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



Tgt Ion:240 Resp: 252483
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.8
236 25.4 20.3 30.5





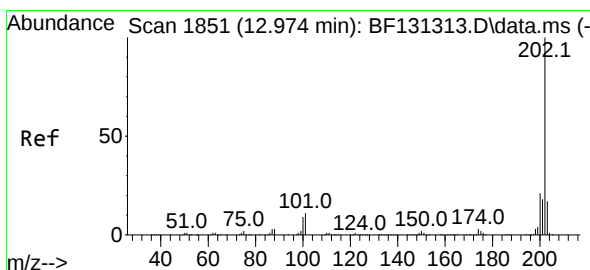
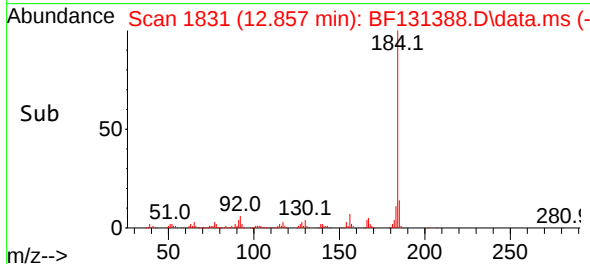
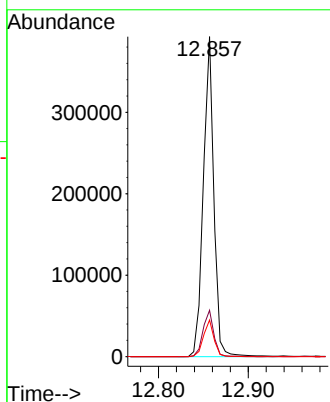
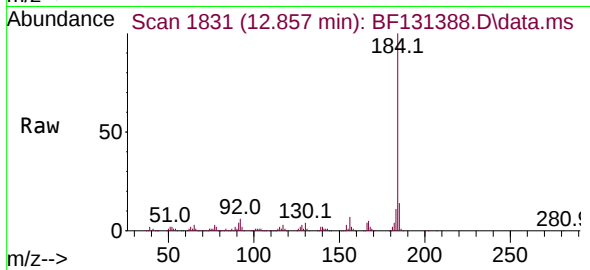
#77
Benzidine
Concen: 68.318 ng
RT: 12.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion:184 Resp: 318613
Ion Ratio Lower Upper
184 100
185 14.5 13.8 20.8
183 11.4 9.6 14.4

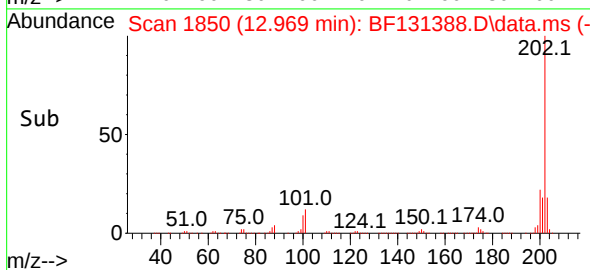
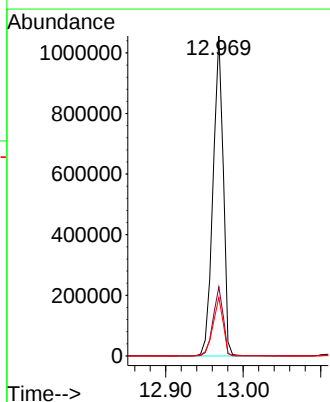
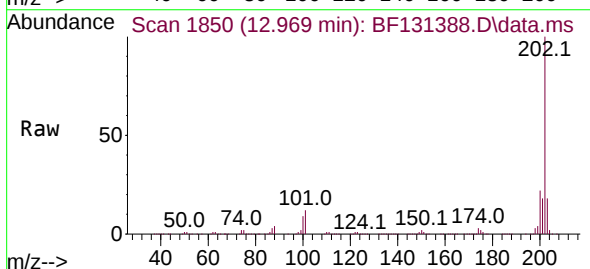
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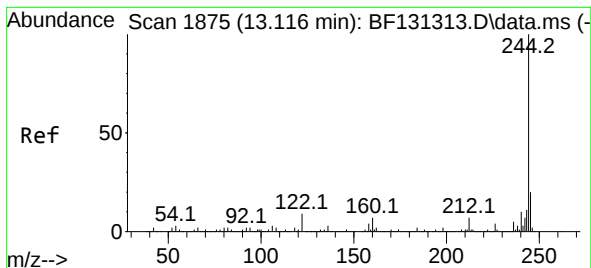
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#78
Pyrene
Concen: 43.304 ng
RT: 12.969 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:202 Resp: 964658
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.2 13.9 20.9





#79

Terphenyl-d14

Concen: 86.908 ng

RT: 13.110 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

PB149242BS

Tgt Ion:244 Resp: 1341845

Ion Ratio Lower Upper

244 100

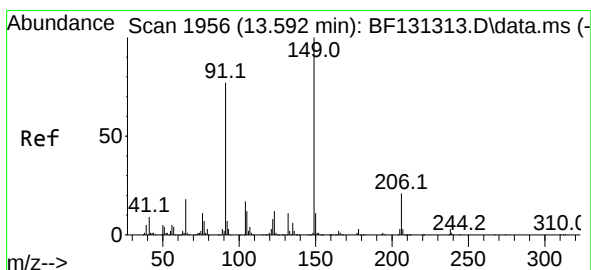
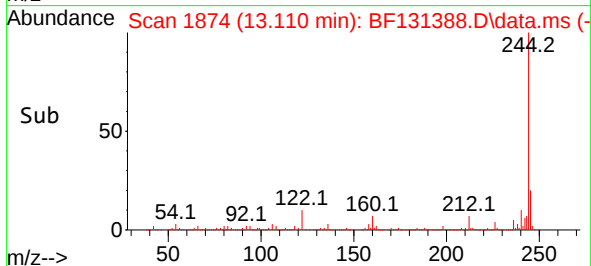
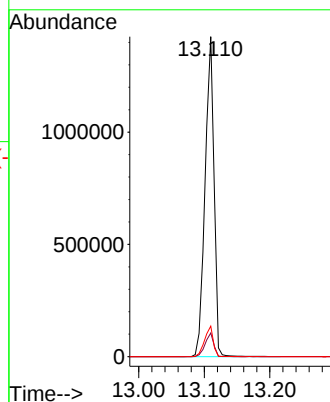
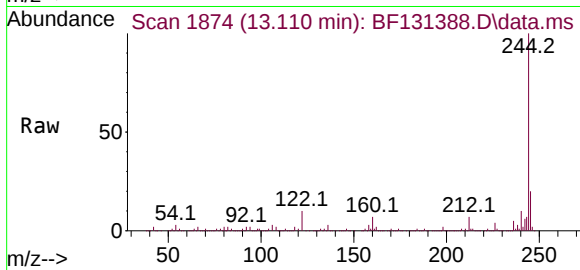
212 7.4 5.9 8.9

122 9.5 7.5 11.3

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#80

Butylbenzylphthalate

Concen: 46.290 ng

RT: 13.586 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39

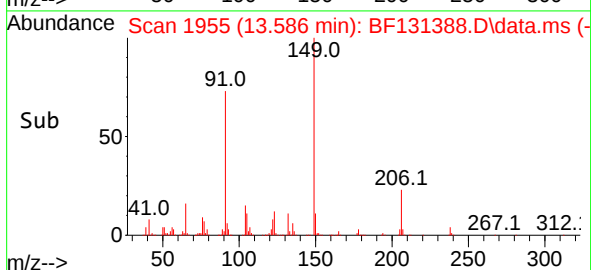
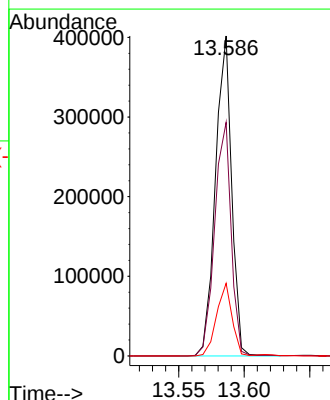
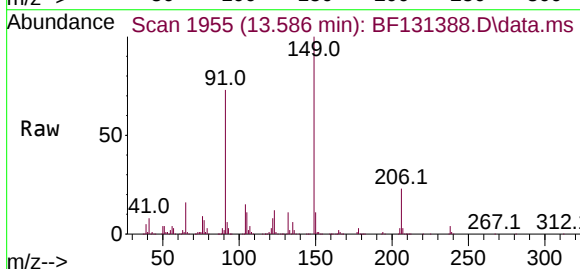
Tgt Ion:149 Resp: 345711

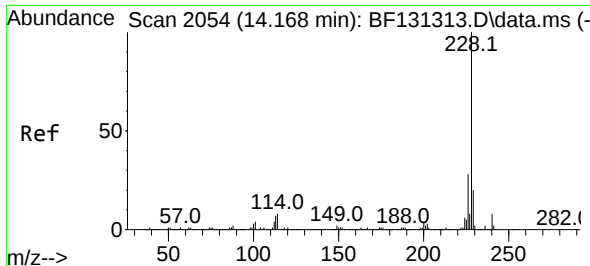
Ion Ratio Lower Upper

149 100

91 73.0 61.9 92.9

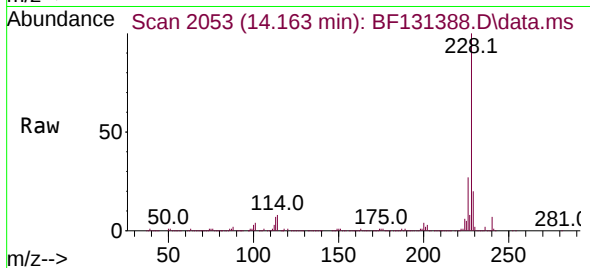
206 22.7 16.5 24.7





#81
Benzo(a)anthracene
Concen: 43.247 ng
RT: 14.163 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

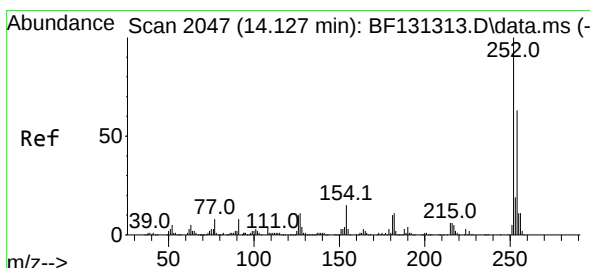
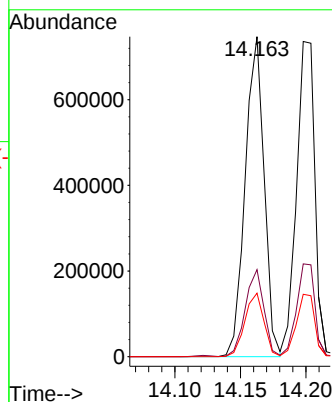
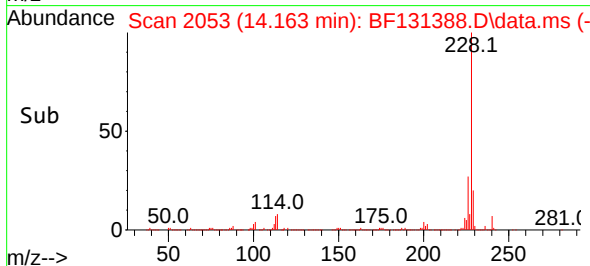
Instrument :
BNA_F
ClientSampleId :
PB149242BS



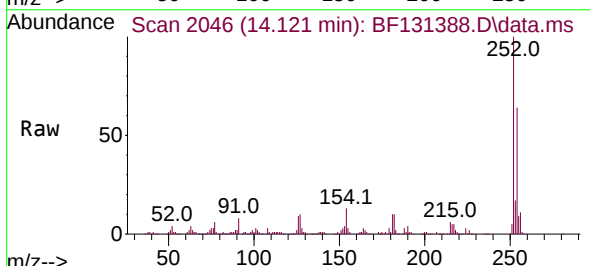
Tgt Ion:228 Resp: 748445
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 19.8 15.7 23.5

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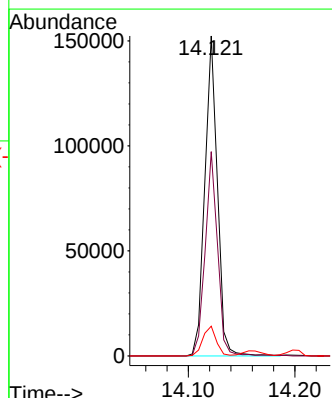
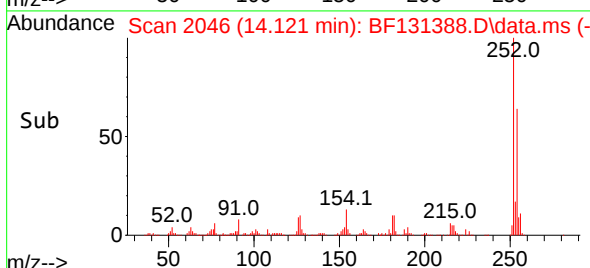
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

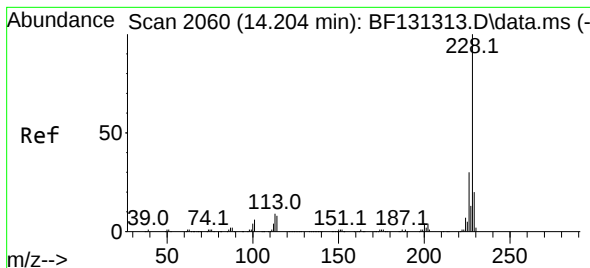


#82
3,3'-Dichlorobenzidine
Concen: 27.105 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



Tgt Ion:252 Resp: 124475
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 9.3 8.3 12.5





#83

Chrysene

Concen: 42.845 ng

RT: 14.198 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

ClientSampleId :

PB149242BS

Tgt Ion:228 Resp: 727481

Ion Ratio Lower Upper

228 100

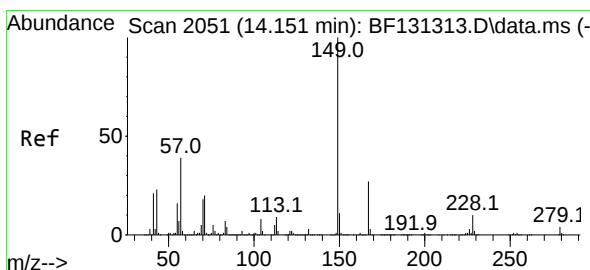
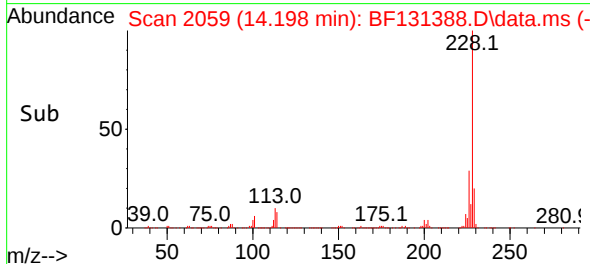
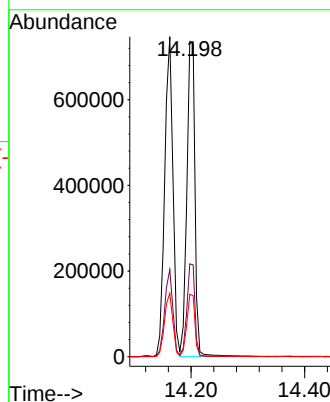
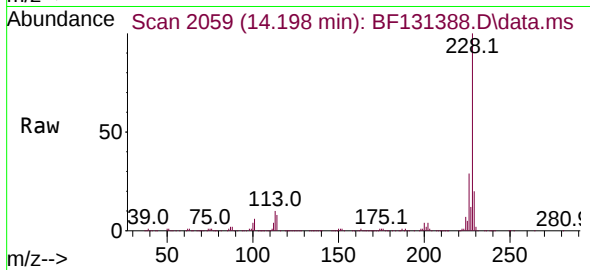
226 29.4 23.7 35.5

229 19.8 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.516 ng

RT: 14.145 min Scan# 2050

Delta R.T. 0.000 min

Lab File: BF131388.D

Acq: 25 Nov 2022 10:39

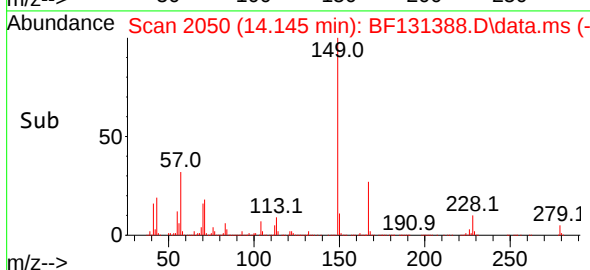
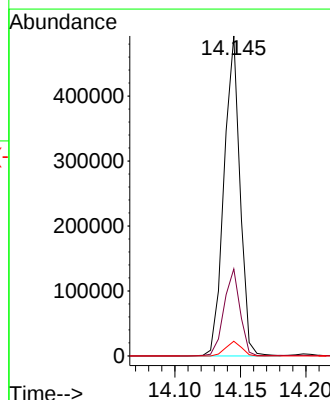
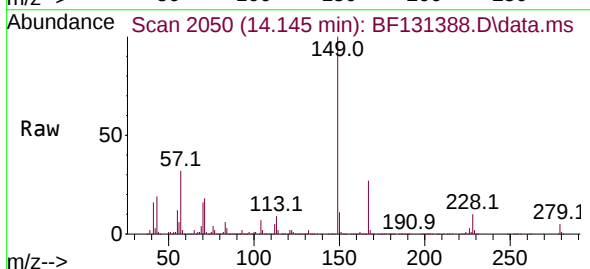
Tgt Ion:149 Resp: 418226

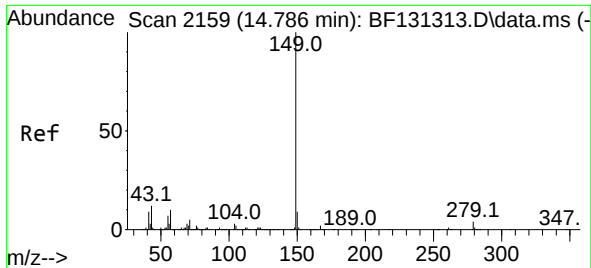
Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

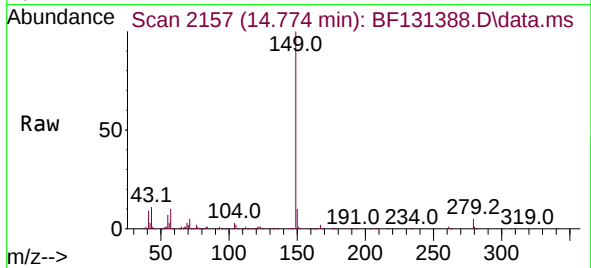
279 4.6 3.0 4.4#





#85
Di-n-octyl phthalate
Concen: 43.651 ng
RT: 14.774 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

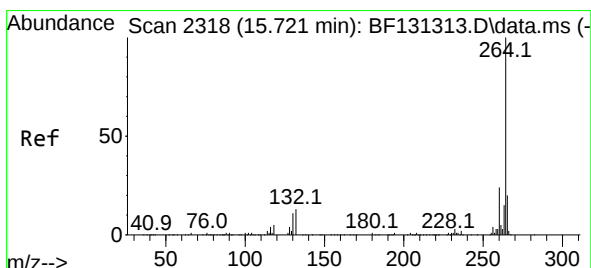
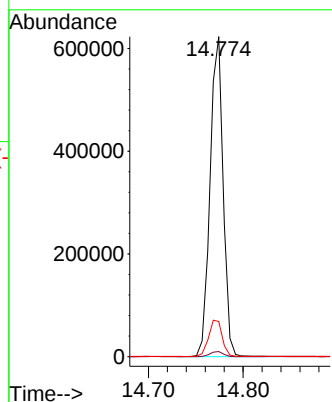
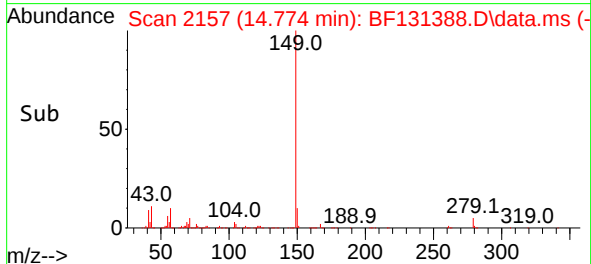
Instrument :
BNA_F
ClientSampleId :
PB149242BS



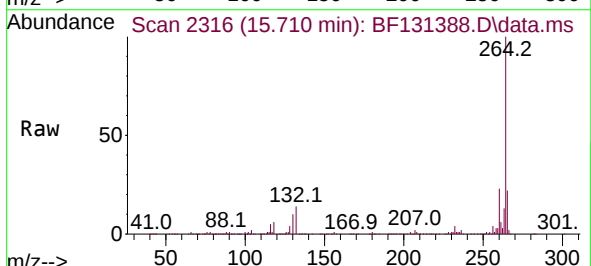
Tgt Ion:149 Resp: 599842
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.9 10.7 16.1

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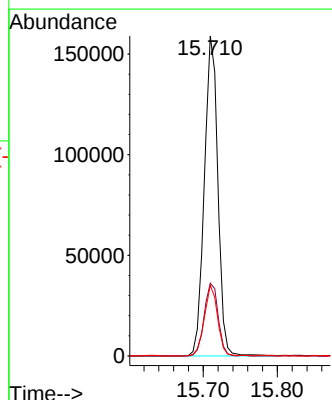
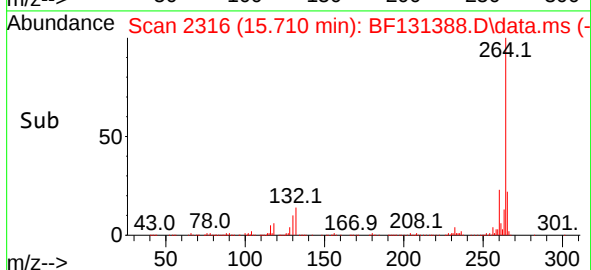
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

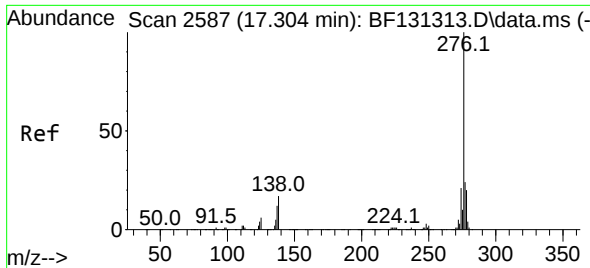


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.710 min Scan# 2316
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39



Tgt Ion:264 Resp: 201002
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.4
265 22.1 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.757 ng
RT: 17.298 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :

BNA_F

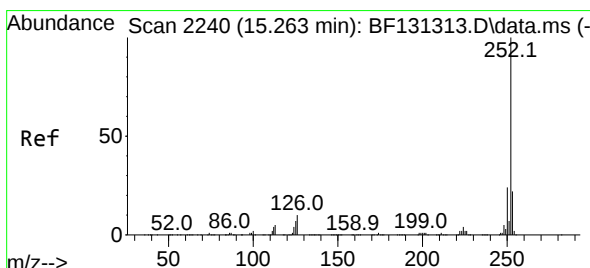
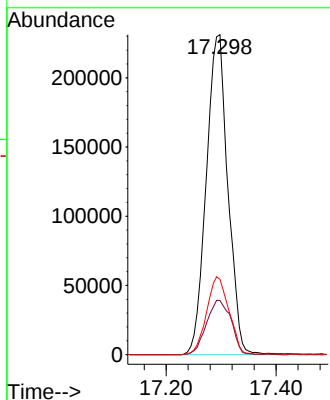
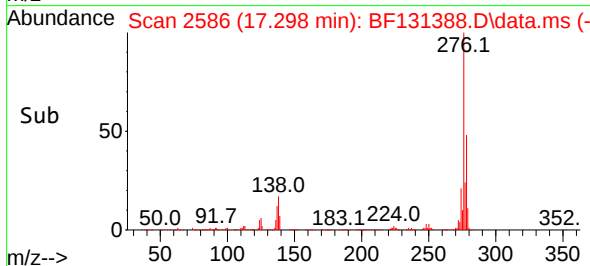
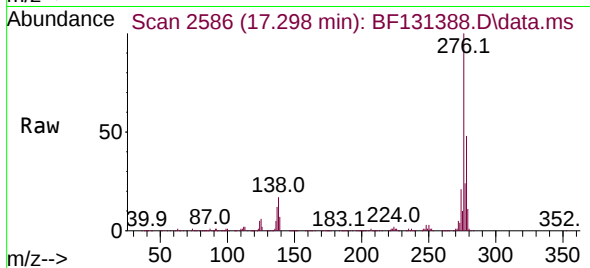
ClientSampleId :

PB149242BS

Tgt Ion:276 Resp: 631228
Ion Ratio Lower Upper
276 100
138 19.3 15.8 23.6
277 25.1 20.3 30.5

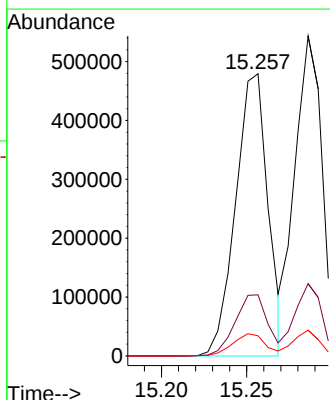
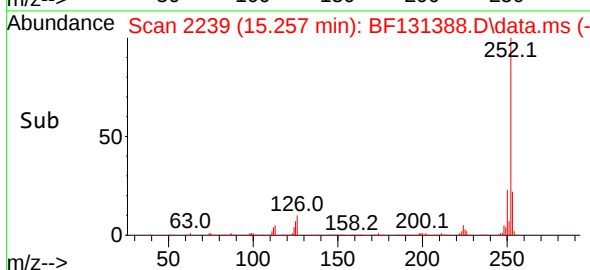
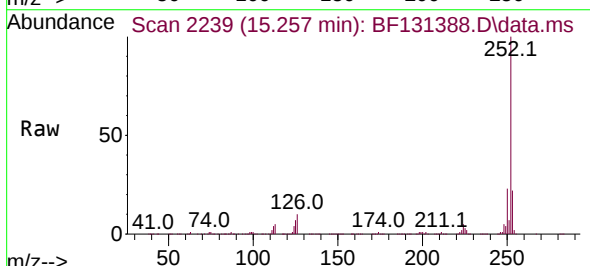
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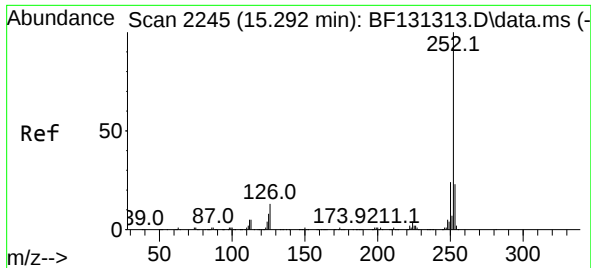
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#88
Benzo(b)fluoranthene
Concen: 47.329 ng
RT: 15.257 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:252 Resp: 631978
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.1 5.8 8.6





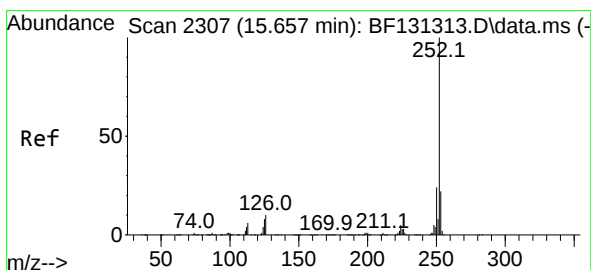
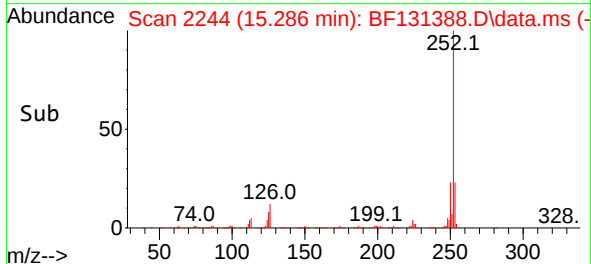
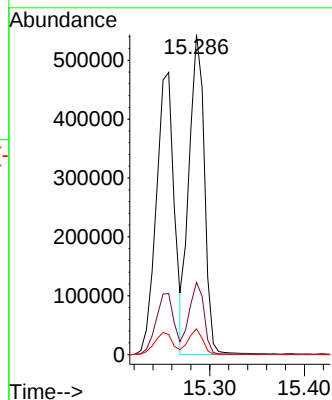
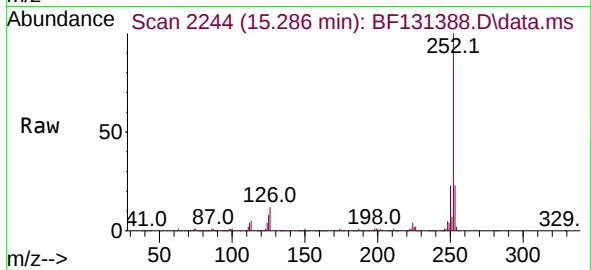
#89
Benzo(k)fluoranthene
Concen: 44.606 ng
RT: 15.286 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Instrument :
BNA_F
ClientSampleId :
PB149242BS

Tgt Ion:252 Resp: 612088
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.0 6.6 10.0

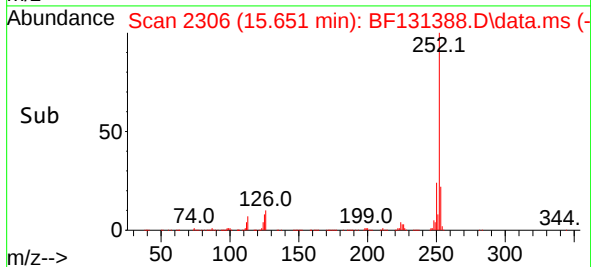
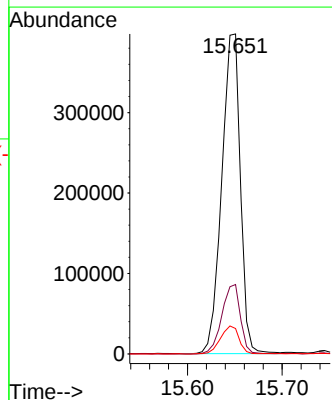
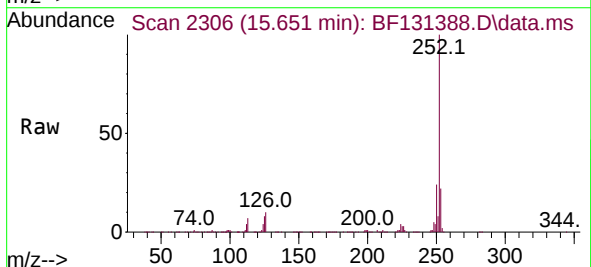
Manual Integrations
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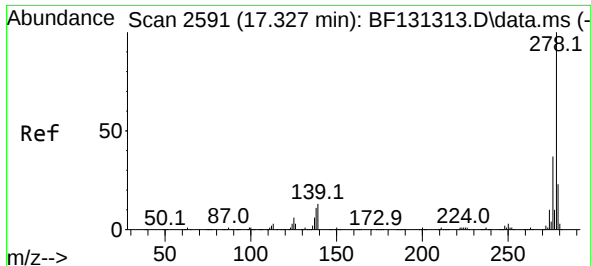
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#90
Benzo(a)pyrene
Concen: 49.500 ng
RT: 15.651 min Scan# 2306
Delta R.T. 0.006 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

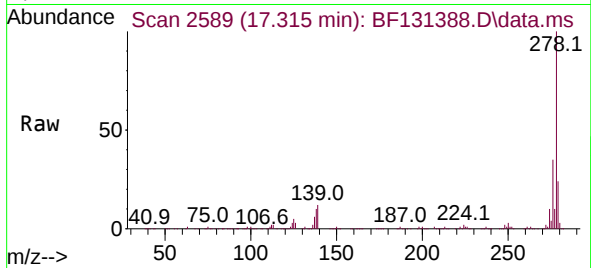
Tgt Ion:252 Resp: 542343
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.9 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 47.461 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

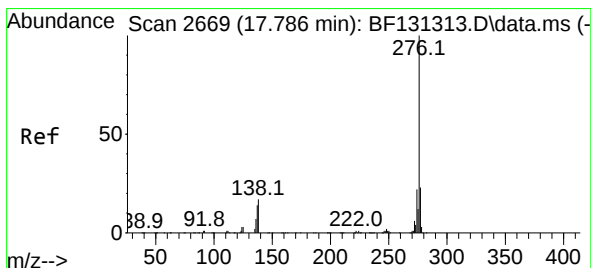
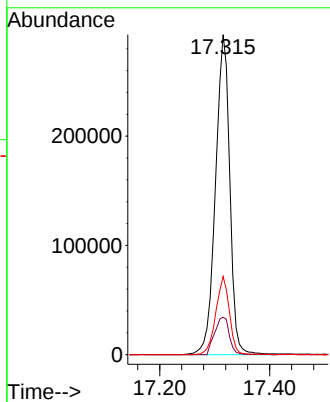
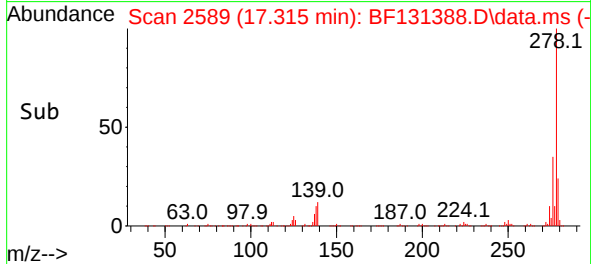
Instrument :
BNA_F
ClientSampleId :
PB149242BS



Tgt Ion:278 Resp: 528985
Ion Ratio Lower Upper
278 100
139 11.7 10.4 15.6
279 24.4 18.3 27.5

Manual Integrations
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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#92
Benzo(g,h,i)perylene
Concen: 47.436 ng
RT: 17.774 min Scan# 2667
Delta R.T. 0.000 min
Lab File: BF131388.D
Acq: 25 Nov 2022 10:39

Tgt Ion:276 Resp: 527696
Ion Ratio Lower Upper
276 100
277 23.8 18.3 27.5
138 17.5 13.8 20.6

