

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131429.D
 Acq On : 28 Nov 2022 14:54
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 00:48:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	81730	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	292270	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	169915	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	311502	20.000	ng	0.00
76) Chrysene-d12	14.163	240	208218	20.000	ng	0.00
86) Perylene-d12	15.698	264	161350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	358994	83.598	ng	0.00
7) Phenol-d6	6.569	99	449109	81.968	ng	0.00
23) Nitrobenzene-d5	7.522	82	466395	80.440	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	136065	95.183	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	876255	75.025	ng	0.00
79) Terphenyl-d14	13.098	244	965573	75.832	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	78686	38.434	ng	99
3) Pyridine	3.528	79	225827	39.725	ng	100
4) n-Nitrosodimethylamine	3.493	42	136687	40.773	ng	96
6) Aniline	6.616	93	275668m	38.391	ng	
8) 2-Chlorophenol	6.734	128	199689	41.045	ng	95
9) Benzaldehyde	6.504	77	145974	44.504	ng	98
10) Phenol	6.587	94	254205	41.846	ng	98
11) bis(2-Chloroethyl)ether	6.687	93	191816	37.687	ng	99
12) 1,3-Dichlorobenzene	6.893	146	227609	39.254	ng	98
13) 1,4-Dichlorobenzene	6.969	146	229486	38.950	ng	98
14) 1,2-Dichlorobenzene	7.128	146	215706	39.762	ng	97
15) Benzyl Alcohol	7.093	79	201962	44.955	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.228	45	349621	35.919	ng	99
17) 2-Methylphenol	7.198	107	169458	40.867	ng	99
18) Hexachloroethane	7.469	117	87103	41.328	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	152701	38.071	ng	100
20) 3+4-Methylphenols	7.351	107	224849	42.469	ng	96
22) Acetophenone	7.363	105	286542	38.516	ng	98
24) Nitrobenzene	7.540	77	244480	40.471	ng	99
25) Isophorone	7.781	82	389140	37.619	ng	98
26) 2-Nitrophenol	7.857	139	103441	51.529	ng	93
27) 2,4-Dimethylphenol	7.887	122	163015	40.651	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	216131	36.787	ng	99
29) 2,4-Dichlorophenol	8.092	162	180912	41.591	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	210113	38.993	ng	98
31) Naphthalene	8.263	128	599457	38.489	ng	99
32) Benzoic acid	7.998	122	121353m	48.358	ng	
33) 4-Chloroaniline	8.310	127	237444	38.643	ng	98
34) Hexachlorobutadiene	8.381	225	136663	39.167	ng	99
35) Caprolactam	8.687	113	51139	44.740	ng	93
36) 4-Chloro-3-methylphenol	8.787	107	191857	42.454	ng	93
37) 2-Methylnaphthalene	8.957	142	397044	37.624	ng	98
38) 1-Methylnaphthalene	9.057	142	390014	38.113	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	208770	37.862	ng	99
41) Hexachlorocyclopentadiene	9.110	237	107373	43.317	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	140076	44.781	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	149370	42.466	ng	97
46) 1,1'-Biphenyl	9.428	154	482430	37.206	ng	99
47) 2-Chloronaphthalene	9.451	162	395415	38.015	ng	98
48) 2-Nitroaniline	9.545	65	146356	46.341	ng	95
49) Acenaphthylene	9.875	152	603829	38.081	ng	99
50) Dimethylphthalate	9.728	163	464521	39.238	ng	99
51) 2,6-Dinitrotoluene	9.792	165	100336	42.380	ng	85
52) Acenaphthene	10.045	154	396396	39.923	ng	99
53) 3-Nitroaniline	9.963	138	105061	43.185	ng	96
54) 2,4-Dinitrophenol	10.063	184	52486	56.433	ng	91
55) Dibenzofuran	10.216	168	539941	37.799	ng	99
56) 4-Nitrophenol	10.110	139	81394	48.208	ng	98
57) 2,4-Dinitrotoluene	10.192	165	138301	46.427	ng	98
58) Fluorene	10.563	166	431580	38.713	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	129850	44.328	ng	98
60) Diethylphthalate	10.428	149	441320	39.480	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	217342	38.030	ng	98
62) 4-Nitroaniline	10.581	138	107385	44.352	ng	100
63) Azobenzene	10.716	77	446418	37.141	ng	95
65) 4,6-Dinitro-2-methylph...	10.604	198	74154	53.507	ng	# 78
66) n-Nitrosodiphenylamine	10.669	169	371404	37.418	ng	98
67) 4-Bromophenyl-phenylether	11.045	248	137909	36.122	ng	98
68) Hexachlorobenzene	11.110	284	150945	37.251	ng	# 92
69) Atrazine	11.198	200	124700	40.804	ng	98
70) Pentachlorophenol	11.298	266	91618	41.417	ng	97
71) Phenanthrene	11.533	178	636378	37.802	ng	100
72) Anthracene	11.580	178	626834	37.888	ng	99
73) Carbazole	11.739	167	555202	39.341	ng	99
74) Di-n-butylphthalate	12.063	149	661705	39.790	ng	100
75) Fluoranthene	12.727	202	691472	38.980	ng	99
77) Benzidine	12.845	184	178713	46.467	ng	96
78) Pyrene	12.957	202	692828	37.713	ng	100
80) Butylbenzylphthalate	13.574	149	243169	40.091	ng	97
81) Benzo(a)anthracene	14.151	228	537140	37.635	ng	99
82) 3,3'-Dichlorobenzidine	14.116	252	161667	42.687	ng	# 99
83) Chrysene	14.192	228	527870	37.698	ng	100
84) Bis(2-ethylhexyl)phtha...	14.133	149	278069	35.004	ng	98
85) Di-n-octyl phthalate	14.763	149	384117	35.912	ng	99
87) Indeno(1,2,3-cd)pyrene	17.268	276	437577	40.378	ng	99
88) Benzo(b)fluoranthene	15.239	252	424710	39.623	ng	100
89) Benzo(k)fluoranthene	15.274	252	418053	37.952	ng	98
90) Benzo(a)pyrene	15.633	252	344316	39.149	ng	99
91) Dibenzo(a,h)anthracene	17.292	278	368013	41.132	ng	98
92) Benzo(g,h,i)perylene	17.751	276	358772	40.177	ng	98

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

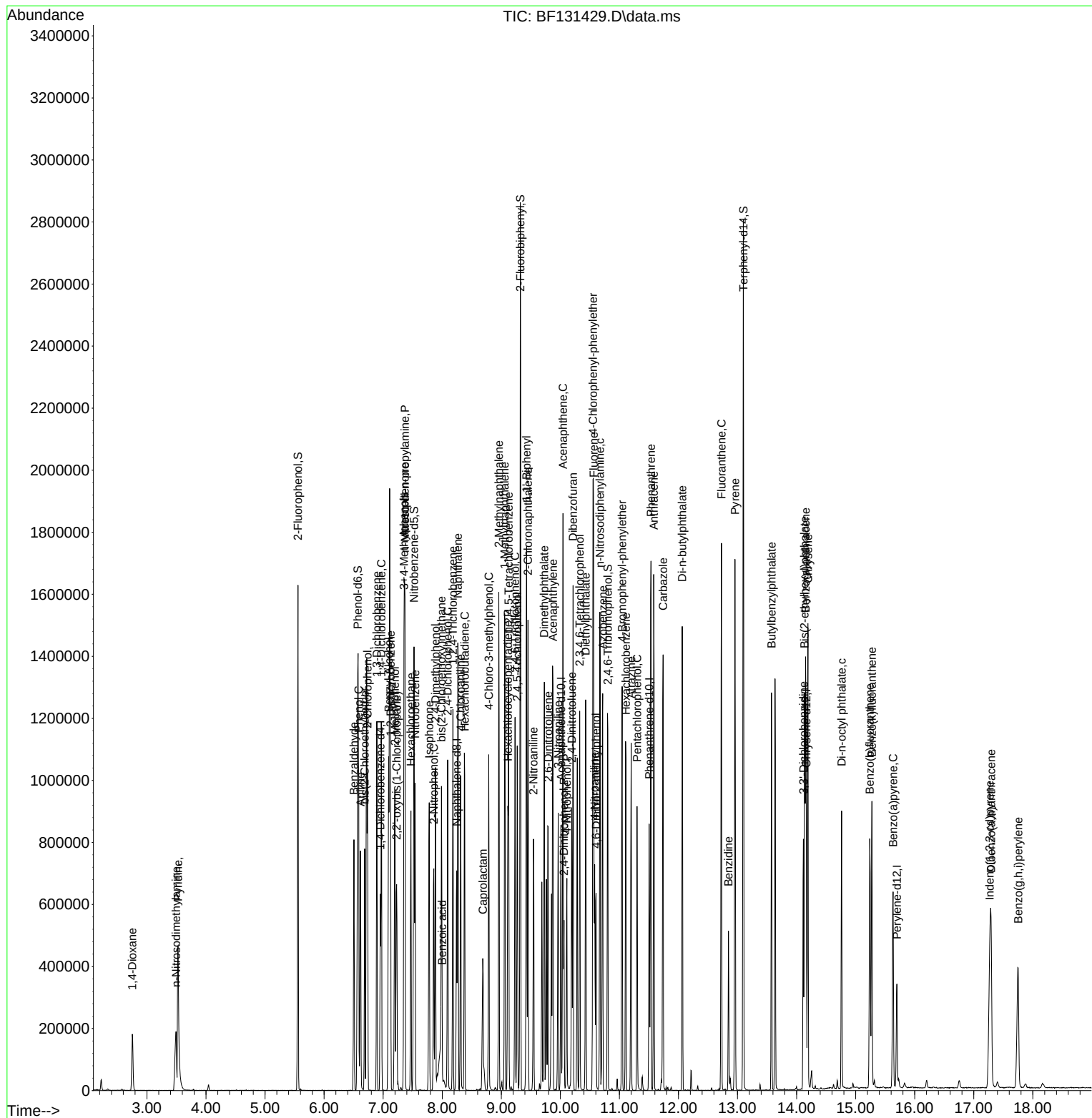
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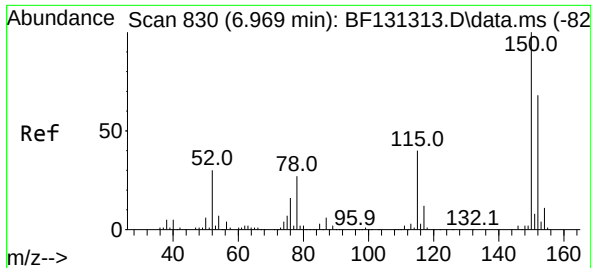
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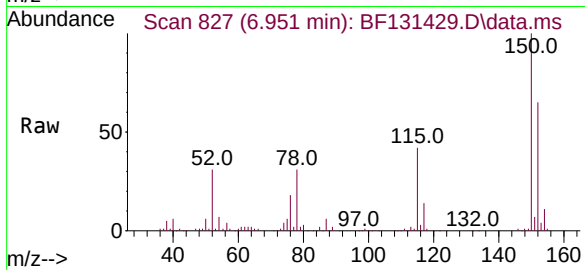
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131429.D
 Acq: 28 Nov 2022 14:54

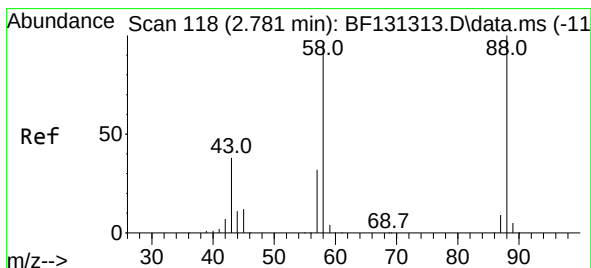
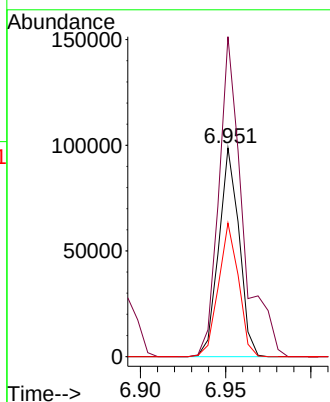
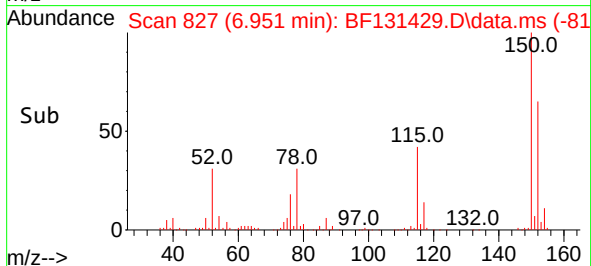
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:152 Resp: 81730
 Ion Ratio Lower Upper
 152 100
 150 153.3 117.8 176.8
 115 64.0 47.1 70.7

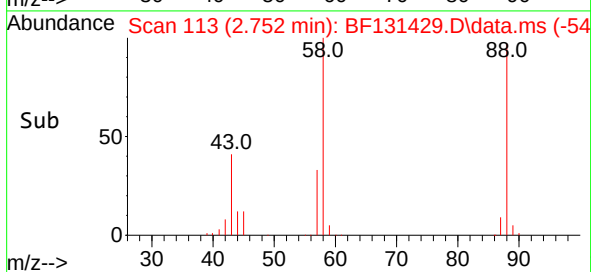
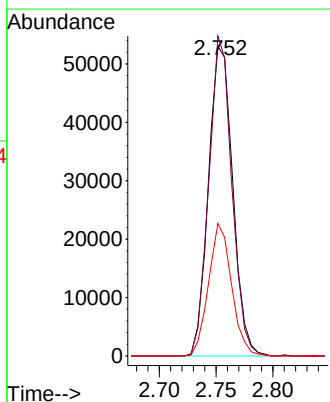
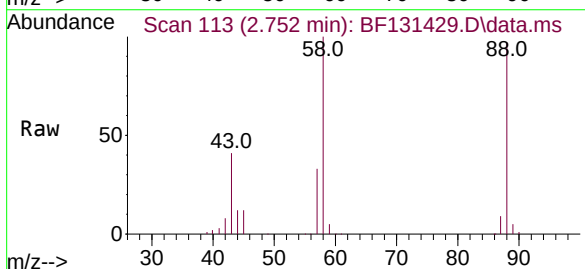
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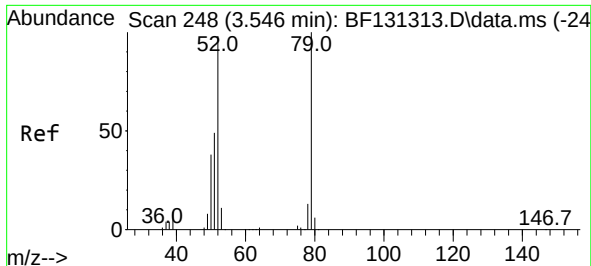
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#2
 1,4-Dioxane
 Concen: 38.434 ng
 RT: 2.752 min Scan# 113
 Delta R.T. -0.006 min
 Lab File: BF131429.D
 Acq: 28 Nov 2022 14:54

Tgt Ion: 88 Resp: 78686
 Ion Ratio Lower Upper
 88 100
 58 97.8 78.2 117.4
 43 40.6 31.6 47.4





#3

Pyridine

Concen: 39.725 ng

RT: 3.528 min Scan# 24

Delta R.T. -0.006 min

Lab File: BF131429.D

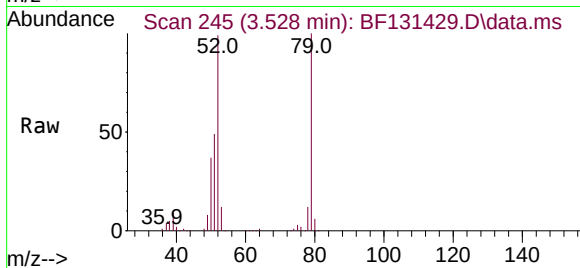
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

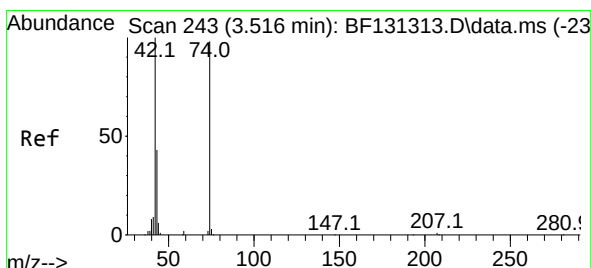
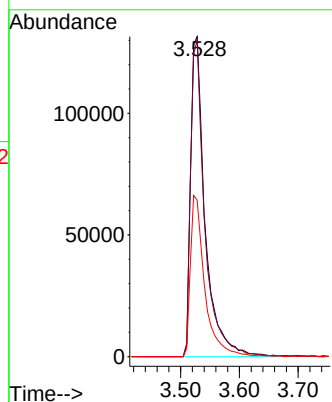
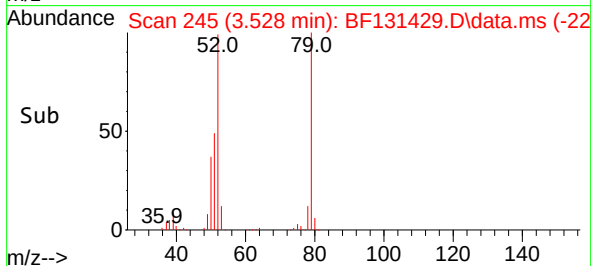


Tgt Ion:	79	Resp:	22582
Ion	Ratio	Lower	Upper
79	100		
52	99.0	78.7	118.1
51	48.9	39.3	58.9

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#4

n-Nitrosodimethylamine

Concen: 40.773 ng

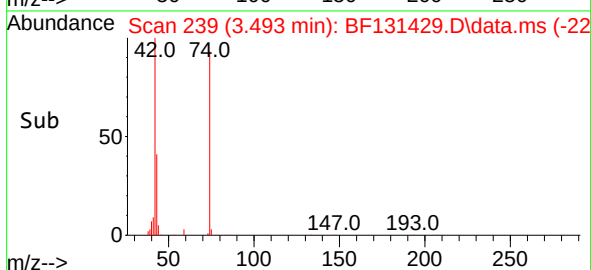
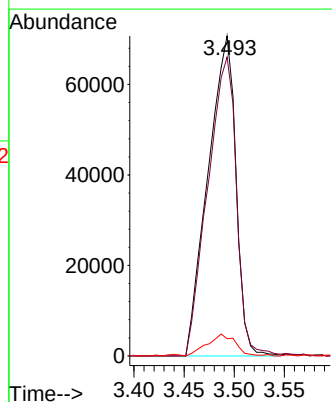
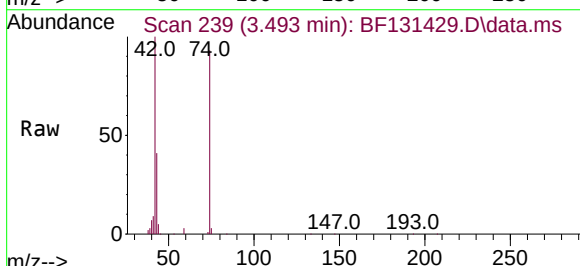
RT: 3.493 min Scan# 239

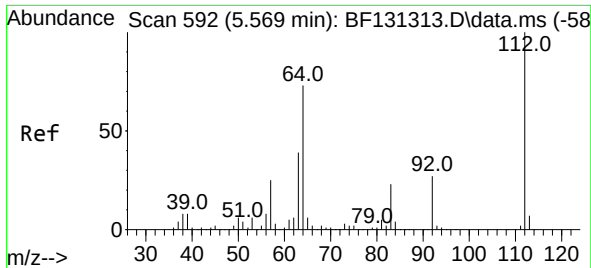
Delta R.T. -0.006 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

Tgt Ion:	42	Resp:	136687
Ion	Ratio	Lower	Upper
42	100		
74	93.4	78.0	117.0
44	5.4	5.2	7.8





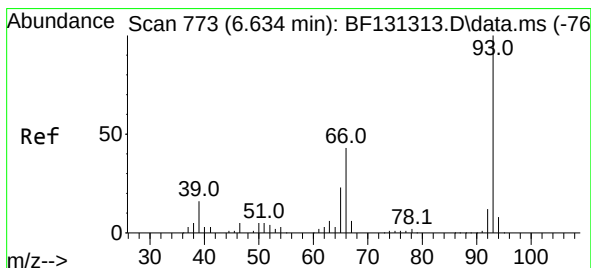
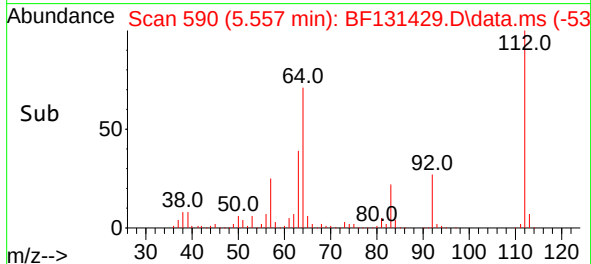
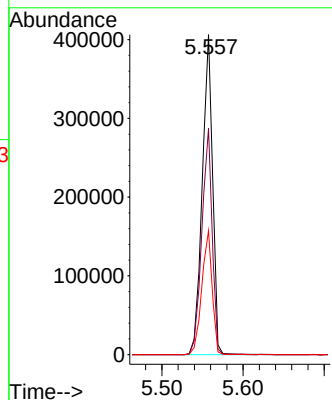
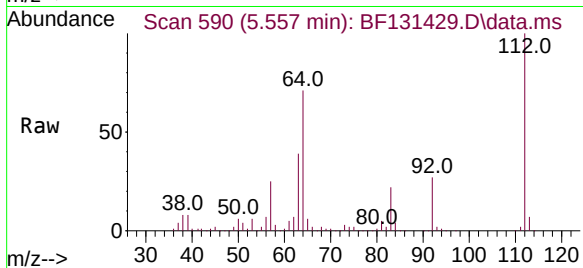
#5
2-Fluorophenol
Concen: 83.598 ng
RT: 5.557 min Scan# 592
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :
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ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 358994
Ion Ratio Lower Upper
112 100
64 70.7 58.6 88.0
63 38.7 31.4 47.0

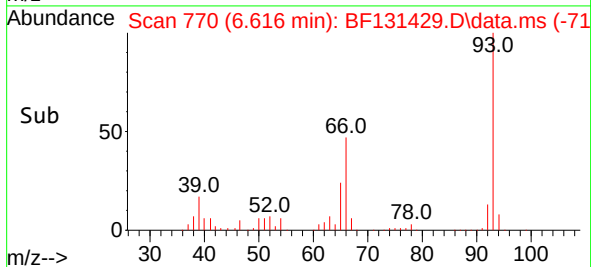
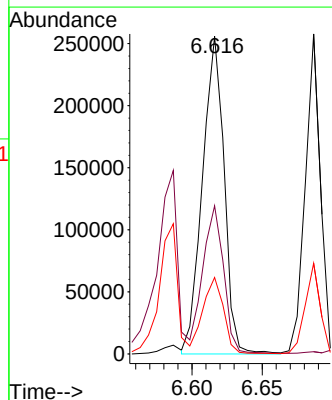
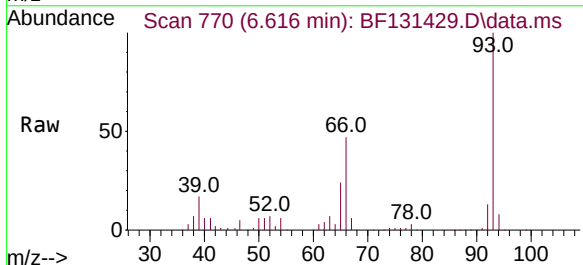
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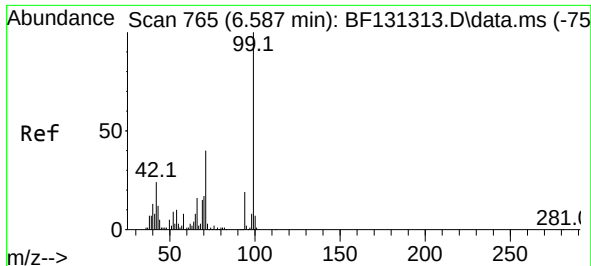
Reviewed By :Christian Giraldo 12/02/2022
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#6
Aniline
Concen: 38.391 ng m
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

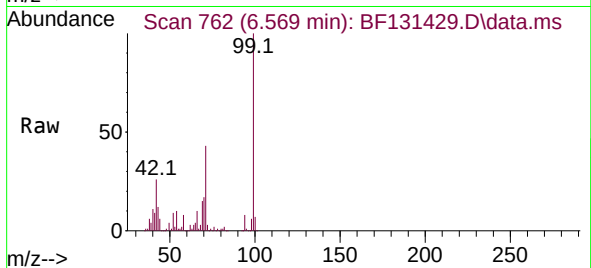
Tgt Ion: 93 Resp: 275668
Ion Ratio Lower Upper
93 100
66 46.6 35.6 53.4
65 24.1 18.4 27.6





#7
Phenol-d6
Concen: 81.968 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131429.D
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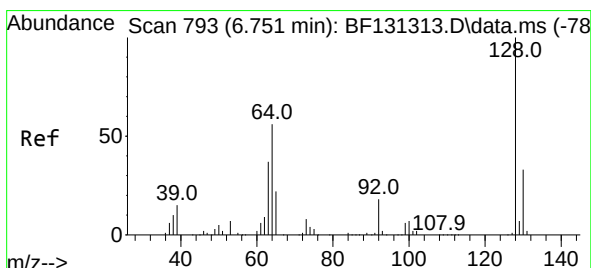
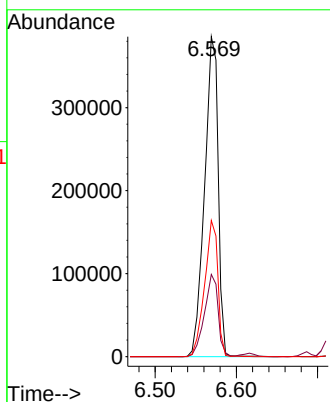
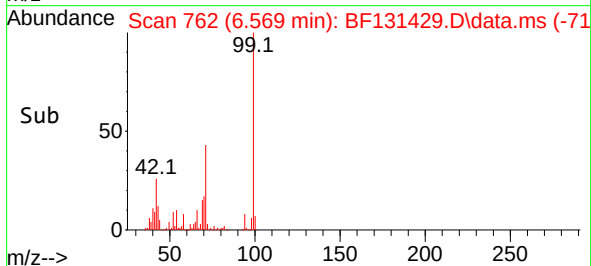
Instrument :
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Tgt Ion: 99 Resp: 449109
Ion Ratio Lower Upper
99 100
42 25.7 19.4 29.2
71 42.5 32.3 48.5

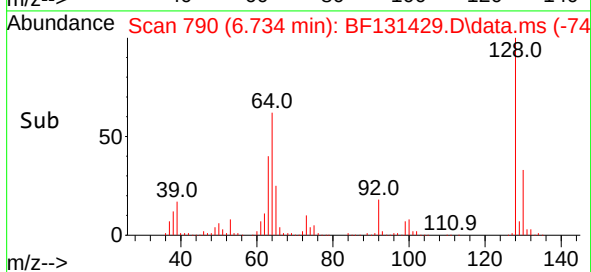
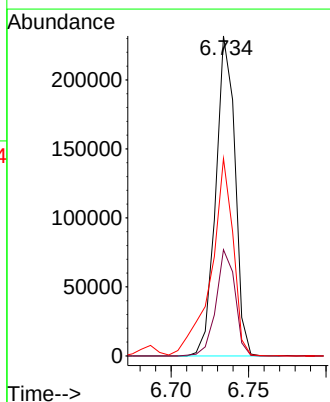
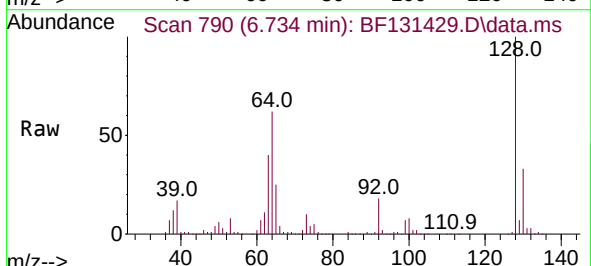
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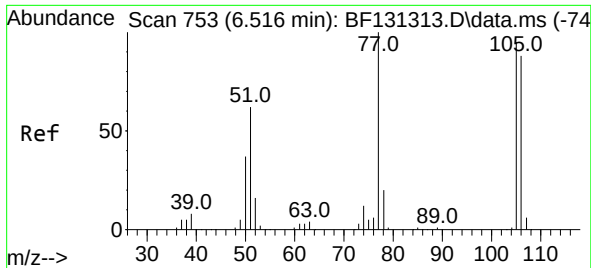
Reviewed By :Christian Giraldo 12/02/2022
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#8
2-Chlorophenol
Concen: 41.045 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion:128 Resp: 199689
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 61.7 36.9 76.9





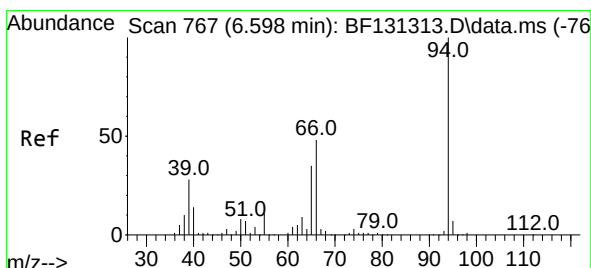
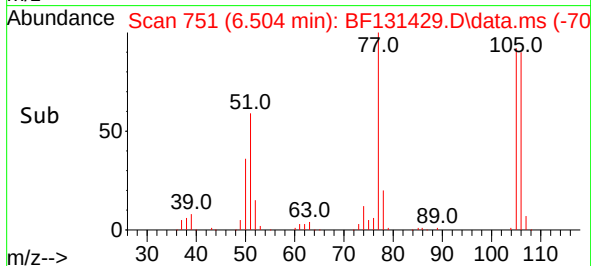
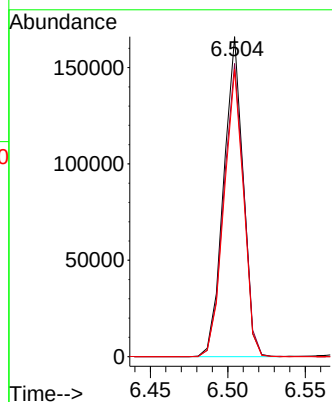
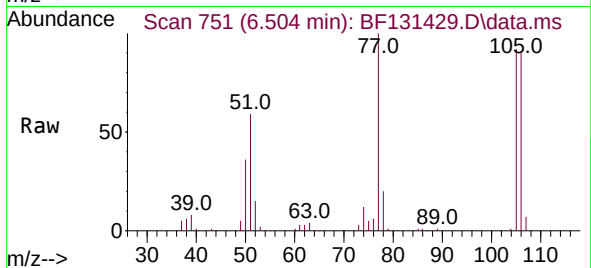
#9
Benzaldehyde
Concen: 44.504 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131429.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 145974
Ion Ratio Lower Upper
77 100
105 91.6 74.5 114.5
106 89.7 68.1 108.1

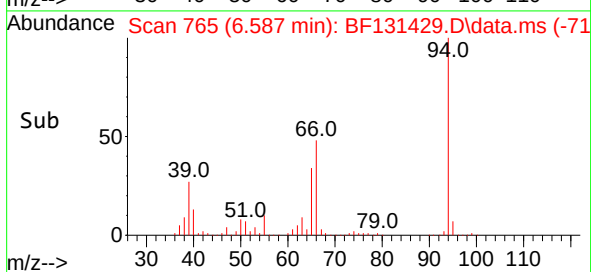
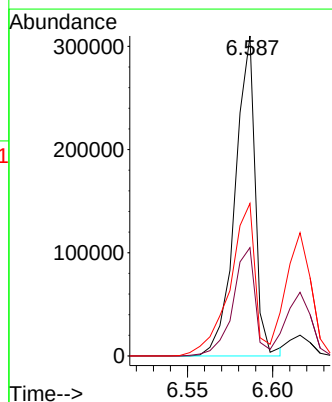
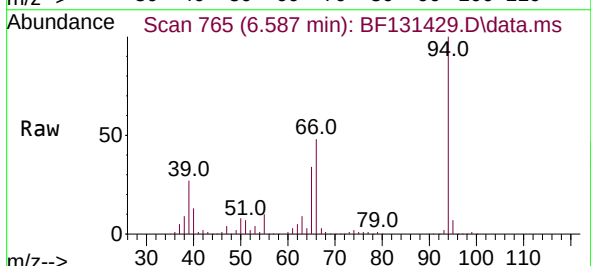
Manual Integrations
APPROVED

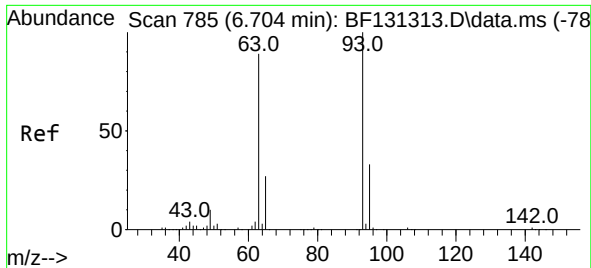
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#10
Phenol
Concen: 41.846 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion: 94 Resp: 254205
Ion Ratio Lower Upper
94 100
65 33.8 15.0 55.0
66 47.6 28.6 68.6





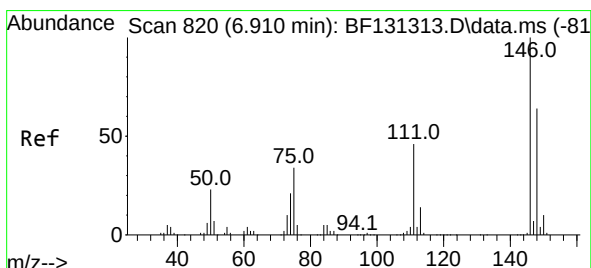
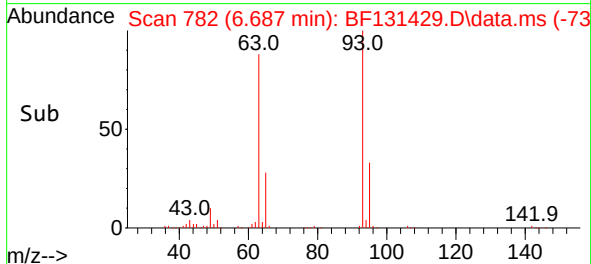
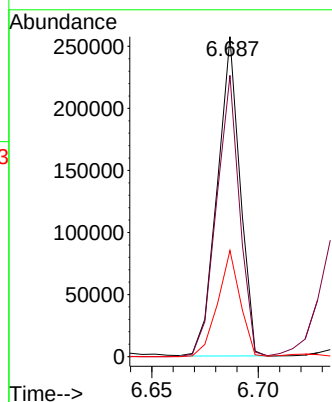
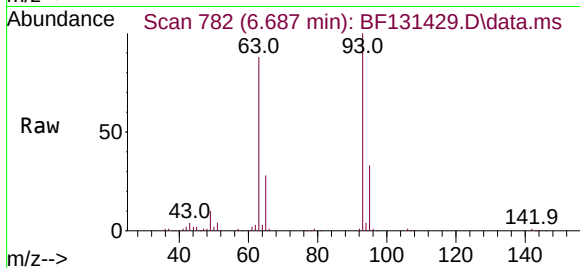
#11
bis(2-Chloroethyl)ether
Concen: 37.687 ng
RT: 6.687 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 191816
Ion Ratio Lower Upper
93 100
63 87.9 68.6 108.6
95 33.2 13.1 53.1

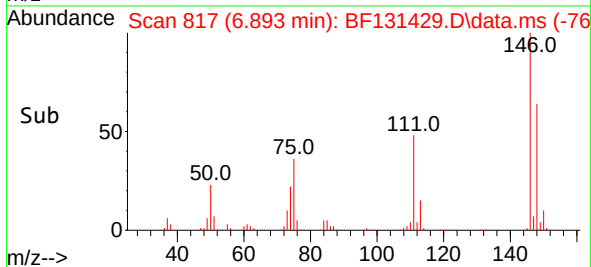
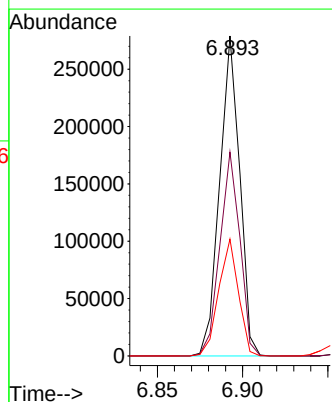
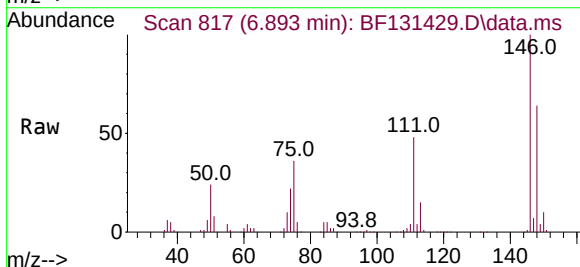
Manual Integrations
APPROVED

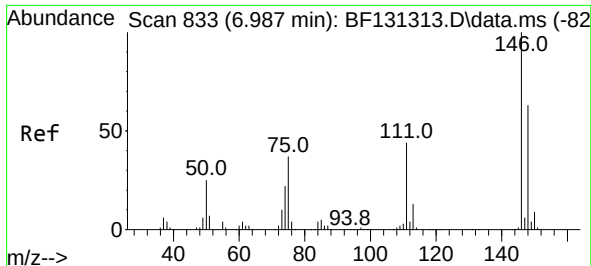
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#12
1,3-Dichlorobenzene
Concen: 39.254 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion:146 Resp: 227609
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 36.5 27.6 41.4





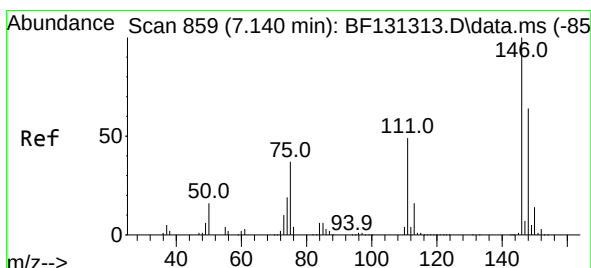
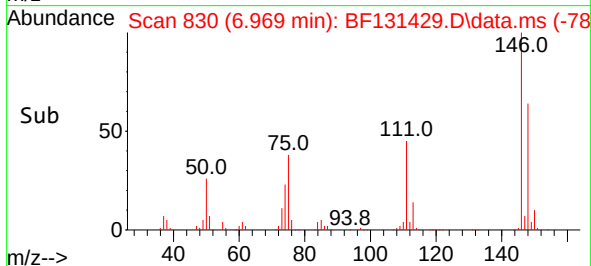
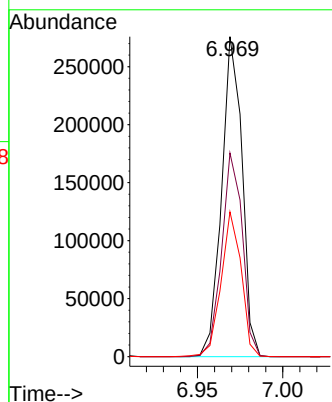
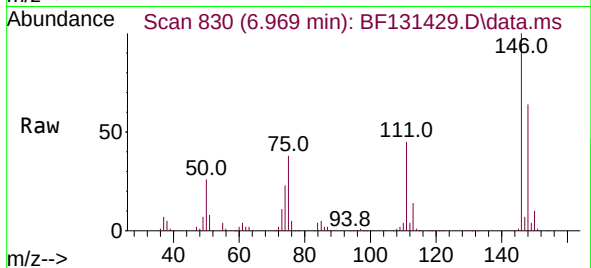
#13
1,4-Dichlorobenzene
Concen: 38.950 ng
RT: 6.969 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 229486
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 45.3 35.0 52.6

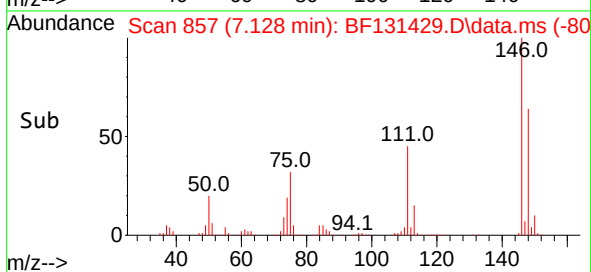
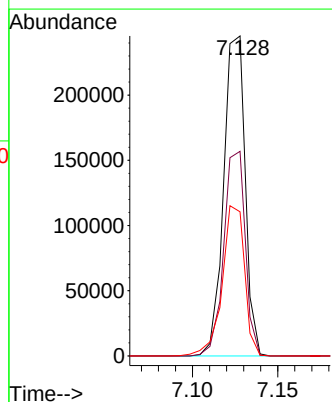
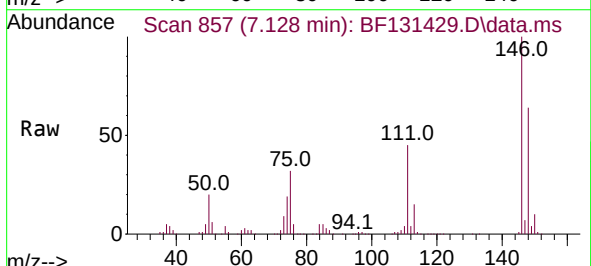
Manual Integrations
APPROVED

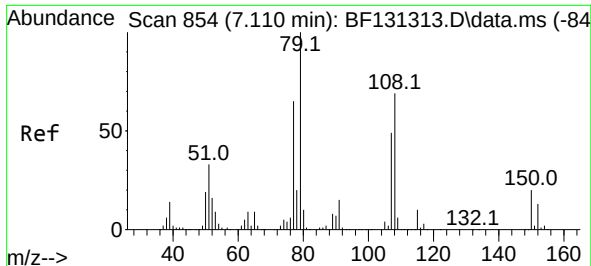
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#14
1,2-Dichlorobenzene
Concen: 39.762 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion:146 Resp: 215706
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
111 45.1 39.4 59.0





#15
Benzyl Alcohol
Concen: 44.955 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

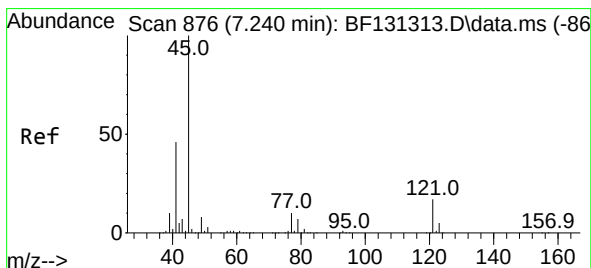
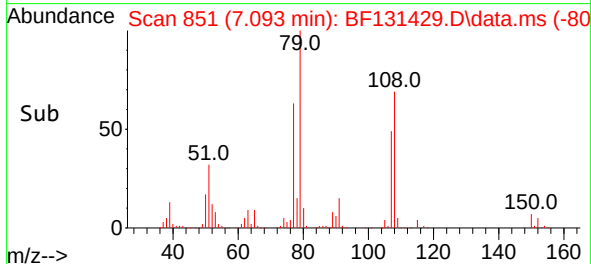
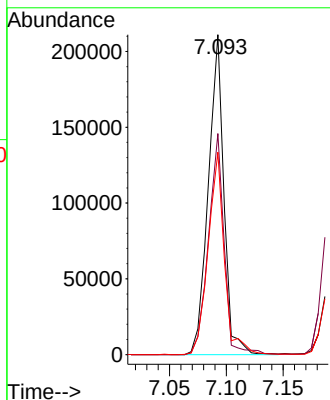
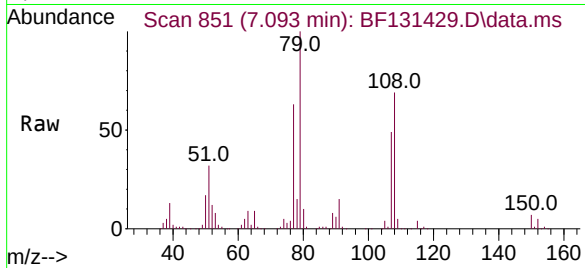
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 201962
Ion Ratio Lower Upper
79 100
108 69.1 55.1 82.7
77 63.2 51.8 77.8

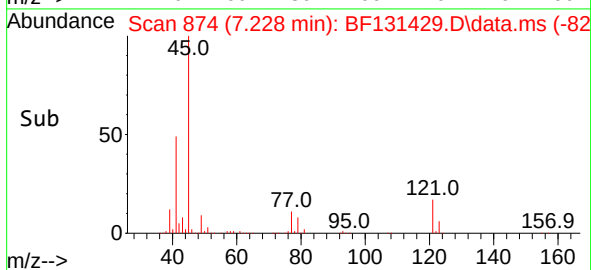
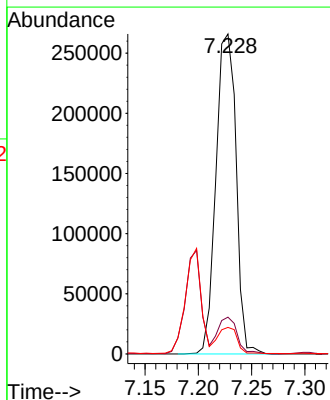
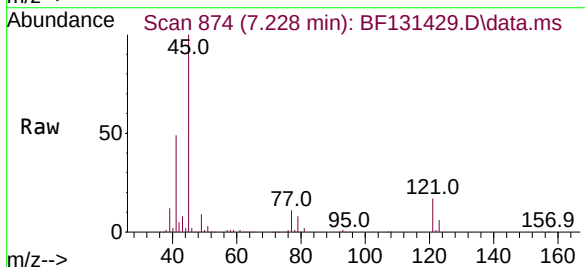
Manual Integrations
APPROVED

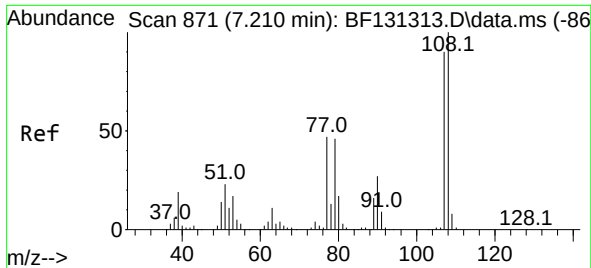
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.919 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

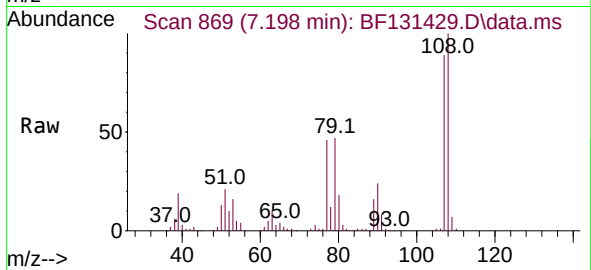
Tgt Ion: 45 Resp: 349621
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.2
79 8.3 0.0 28.4





#17
2-Methylphenol
Concen: 40.867 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

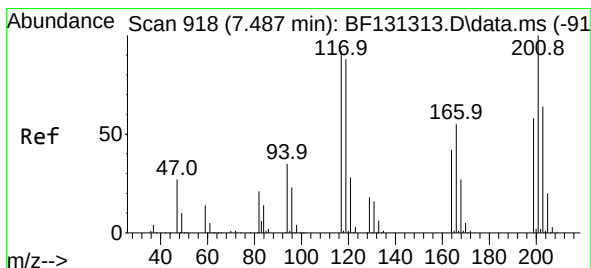
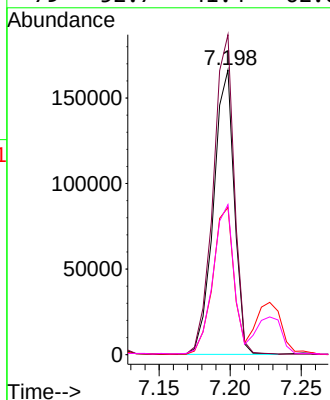
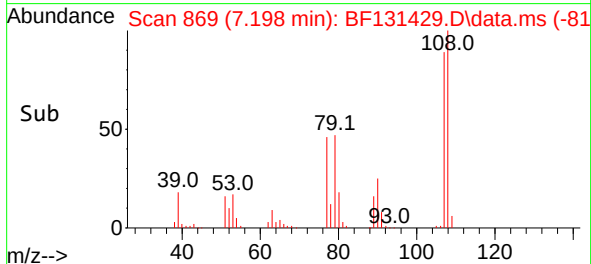
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 169458
Ion Ratio Lower Upper
107 100
108 112.4 89.0 133.6
77 51.7 42.5 63.7
79 52.7 41.4 62.0

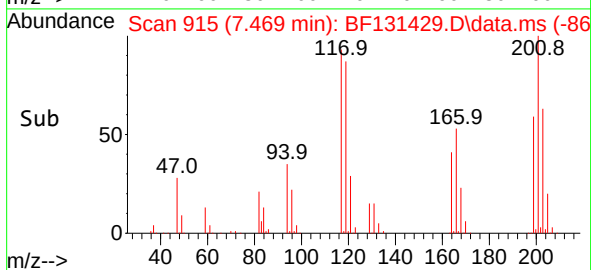
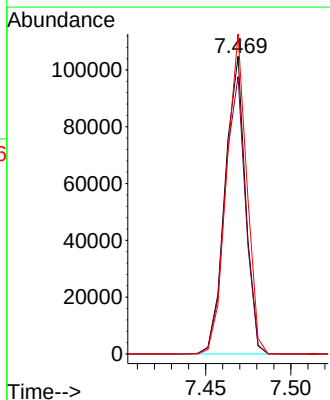
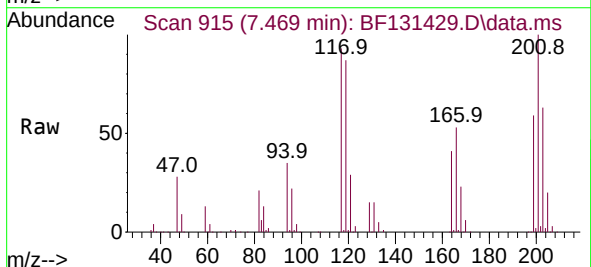
Manual Integrations
APPROVED

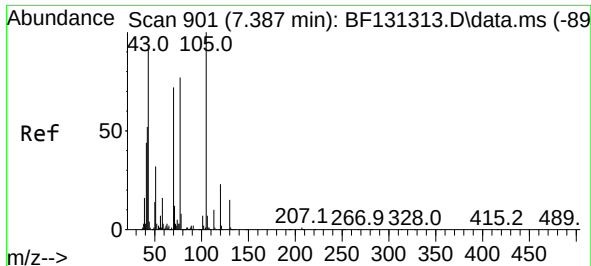
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#18
Hexachloroethane
Concen: 41.328 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

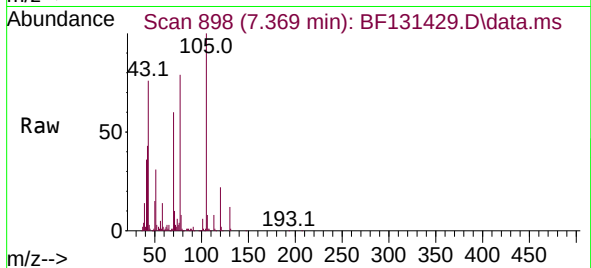
Tgt Ion:117 Resp: 87103
Ion Ratio Lower Upper
117 100
119 93.2 76.6 115.0
201 107.6 87.0 130.6





#19
n-Nitroso-di-n-propylamine
Concen: 38.071 ng
RT: 7.369 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

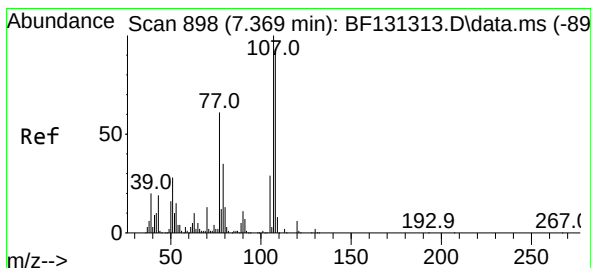
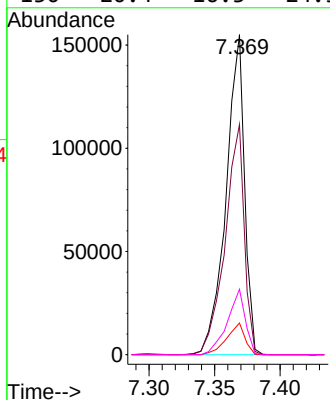
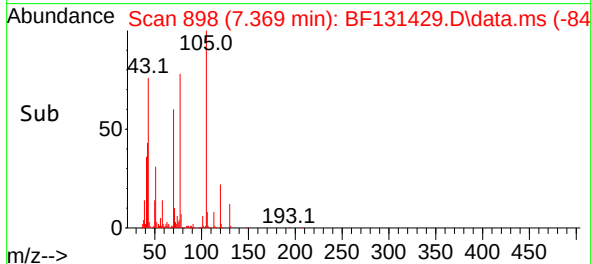
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



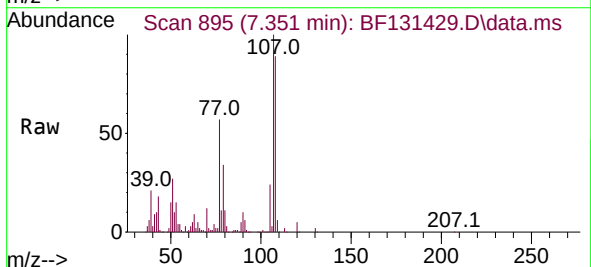
Tgt Ion: 70 Resp: 15270
Ion Ratio Lower Upper
70 100
42 72.0 57.6 86.4
101 9.9 8.2 12.2
130 20.4 16.3 24.5

Manual Integrations
APPROVED

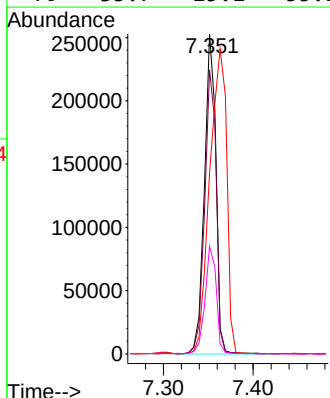
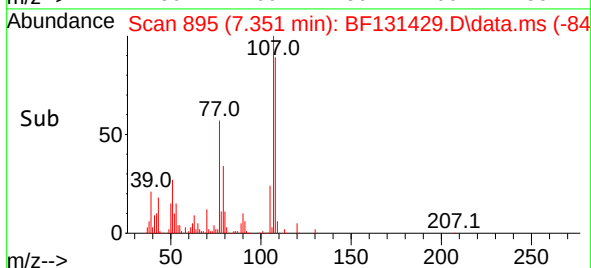
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

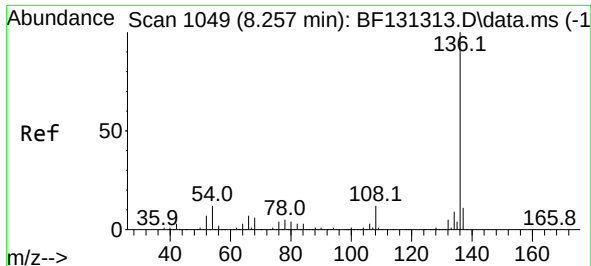


#20
3+4-Methylphenols
Concen: 42.469 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



Tgt Ion:107 Resp: 224849
Ion Ratio Lower Upper
107 100
108 88.8 72.6 112.6
77 56.6 41.4 81.4
79 33.7 15.1 55.1





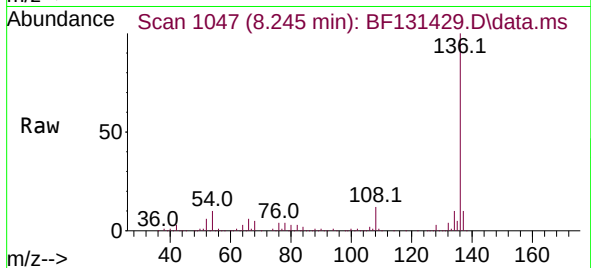
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

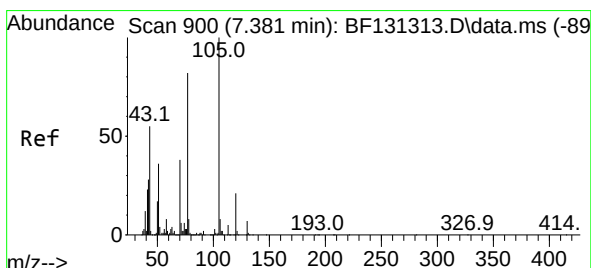
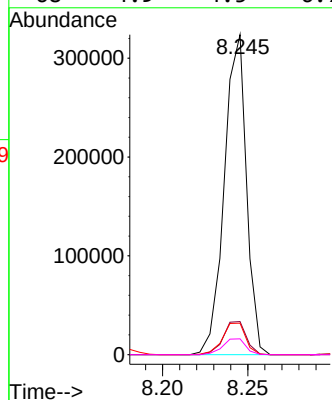
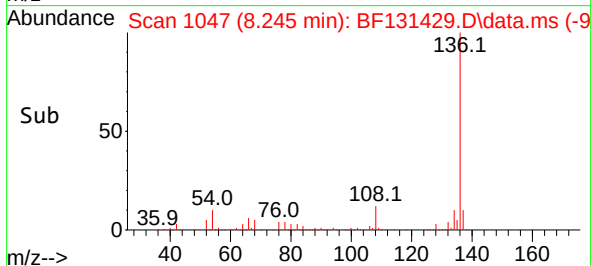


Tgt Ion:136 Resp: 292270
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 9.8 9.4 14.0
68 4.9 4.5 6.7

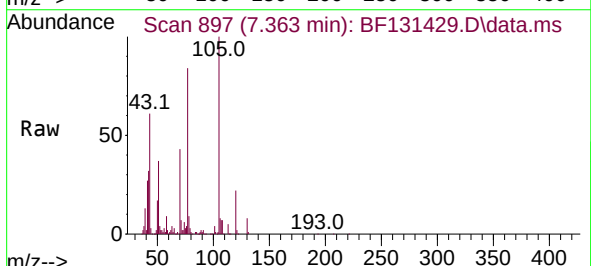
Manual Integrations

APPROVED

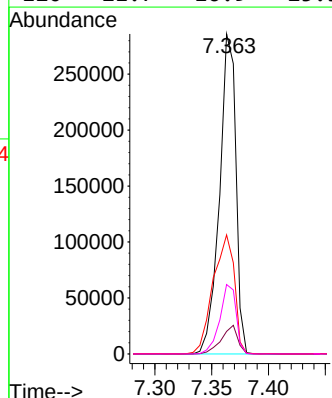
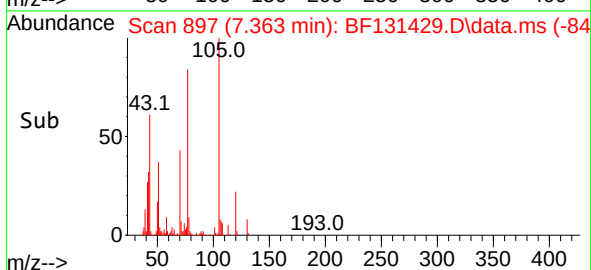
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

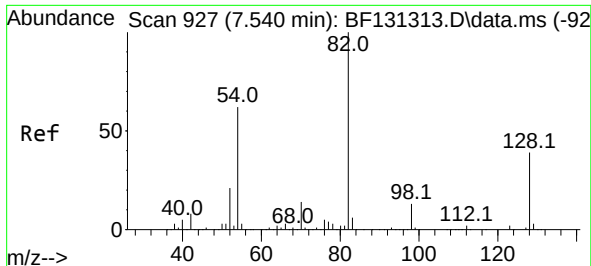


#22
Acetophenone
Concen: 38.516 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



Tgt Ion:105 Resp: 286542
Ion Ratio Lower Upper
105 100
71 7.0 4.9 7.3
51 37.2 29.0 43.4
120 21.7 16.9 25.3





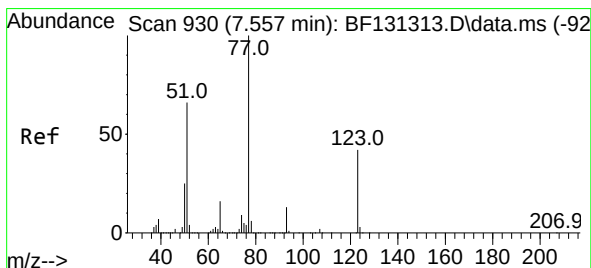
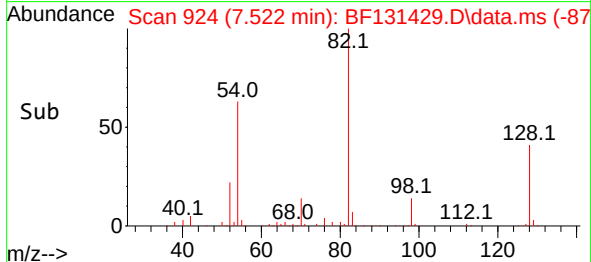
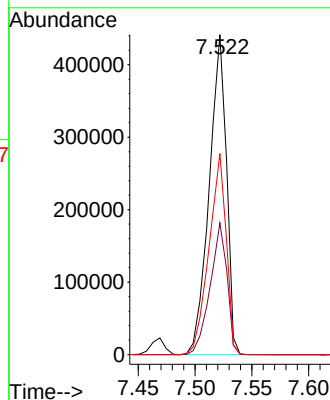
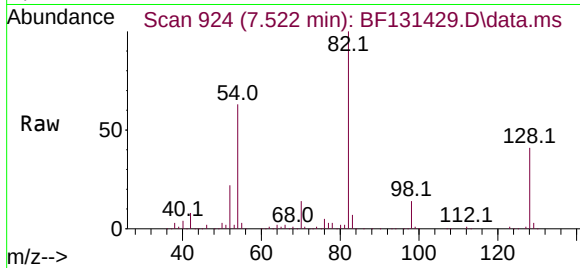
#23
Nitrobenzene-d5
Concen: 80.440 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 466395
Ion Ratio Lower Upper
82 100
128 41.1 31.4 47.0
54 62.8 49.8 74.6

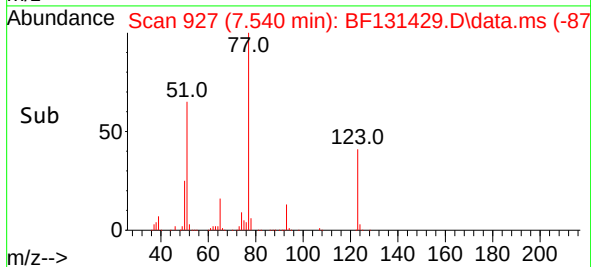
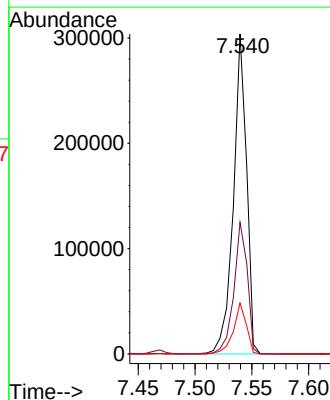
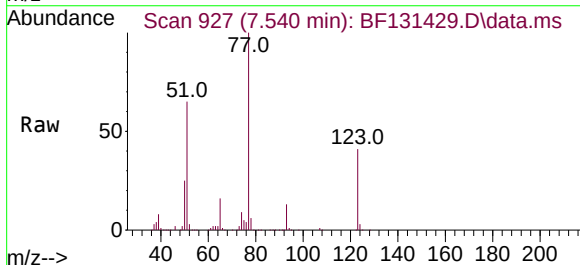
Manual Integrations
APPROVED

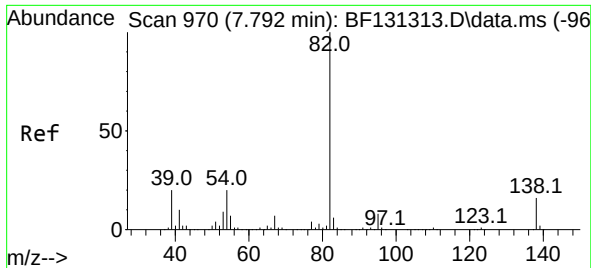
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#24
Nitrobenzene
Concen: 40.471 ng
RT: 7.540 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion: 77 Resp: 244480
Ion Ratio Lower Upper
77 100
123 41.1 33.3 49.9
65 15.9 12.7 19.1





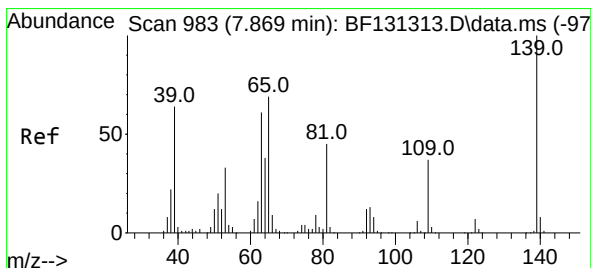
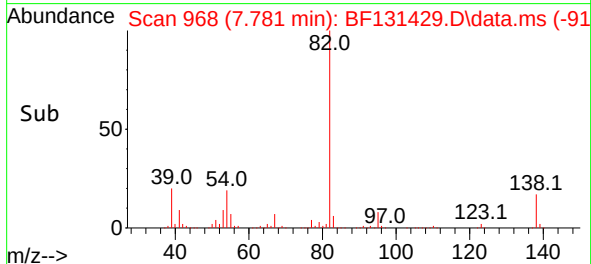
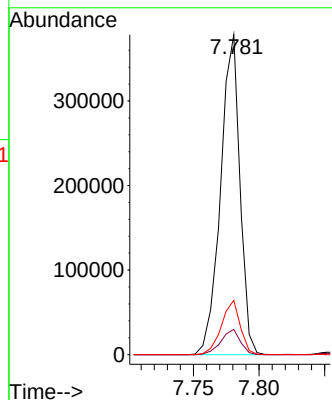
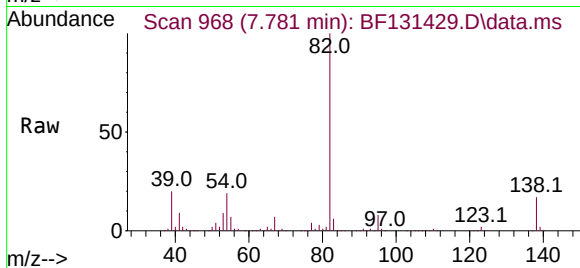
#25
Isophorone
Concen: 37.619 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 389140
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 17.0 12.7 19.1

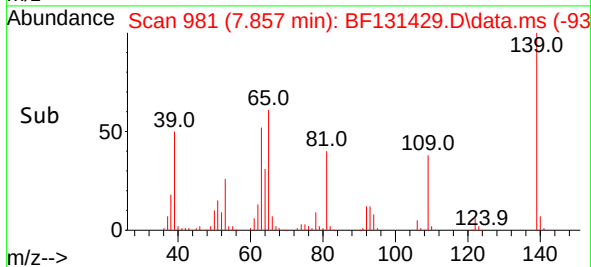
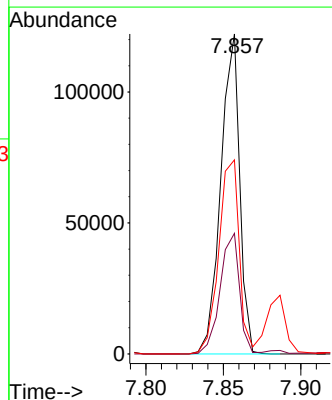
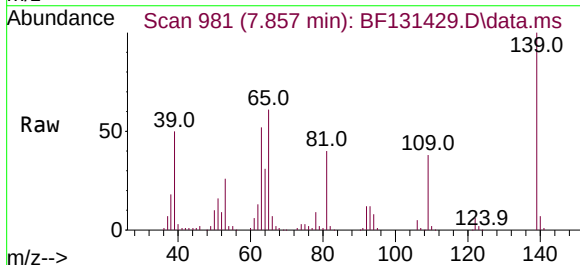
Manual Integrations
APPROVED

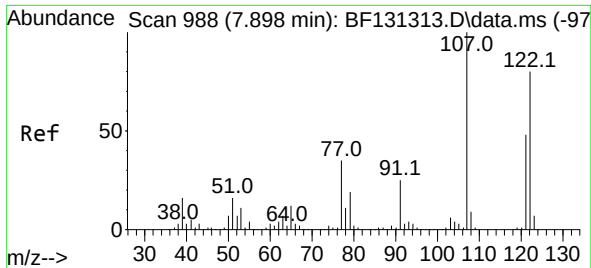
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#26
2-Nitrophenol
Concen: 51.529 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion:139 Resp: 103441
Ion Ratio Lower Upper
139 100
109 37.7 29.9 44.9
65 60.6 55.7 83.5





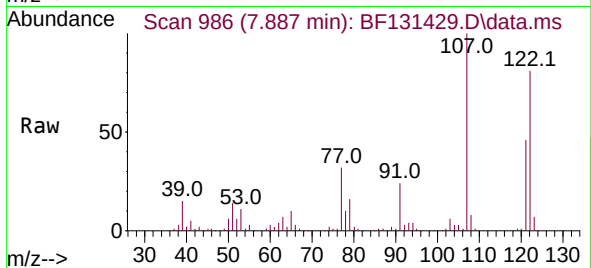
#27
2,4-Dimethylphenol
Concen: 40.651 ng
RT: 7.887 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

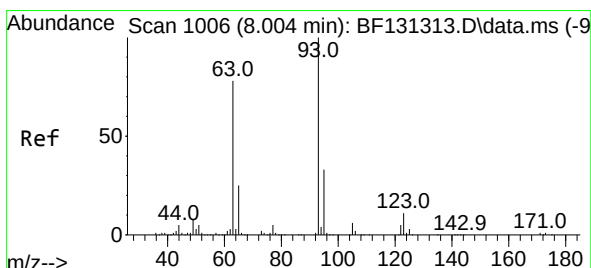
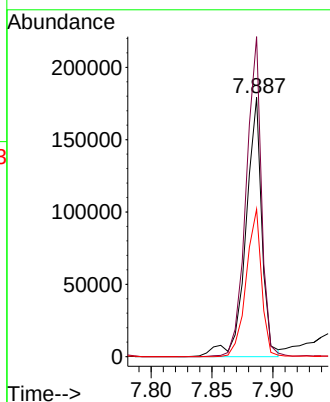
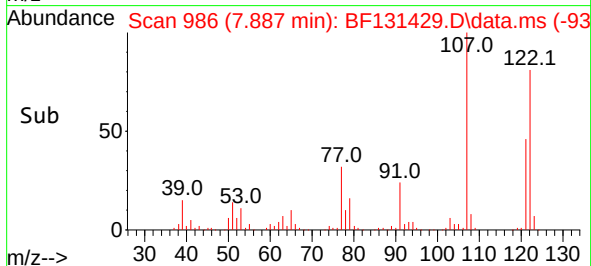


Tgt Ion:122 Resp: 163015
Ion Ratio Lower Upper
122 100
107 123.5 99.9 149.9
121 56.9 47.4 71.2

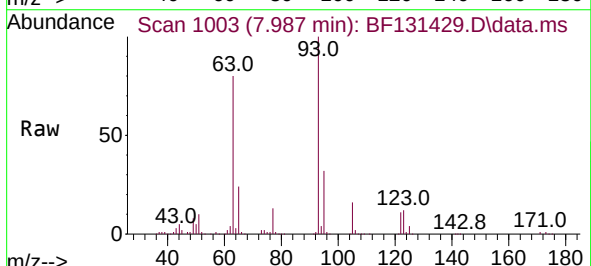
Manual Integrations

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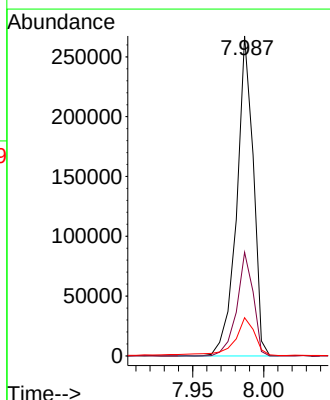
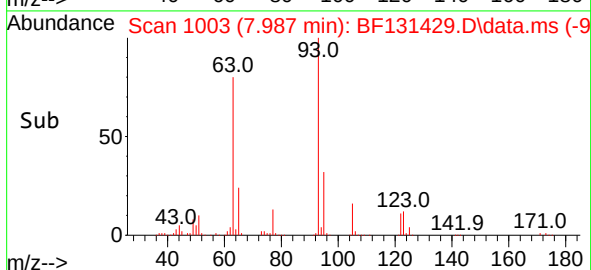
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

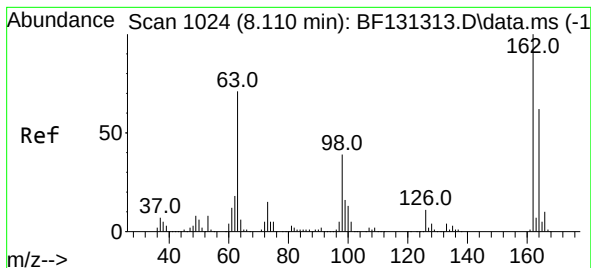


#28
bis(2-Chloroethoxy)methane
Concen: 36.787 ng
RT: 7.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



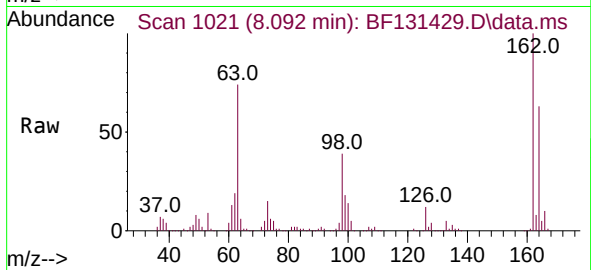
Tgt Ion: 93 Resp: 216131
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 11.9 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 41.591 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

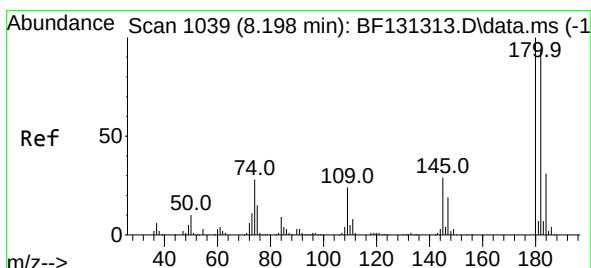
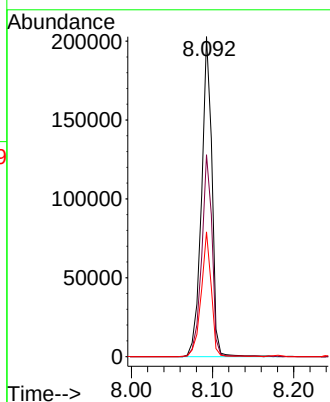
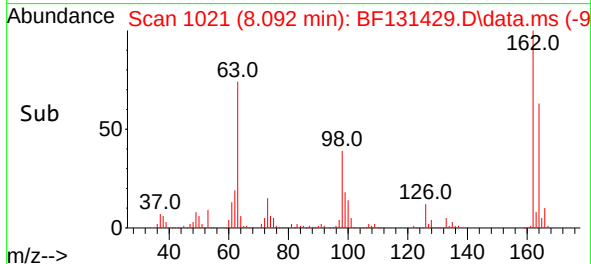
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 180912
Ion Ratio Lower Upper
162 100
164 63.1 42.2 82.2
98 39.0 18.8 58.8

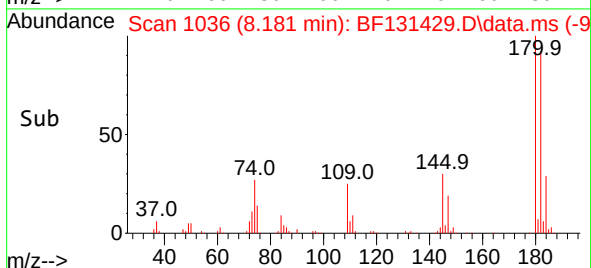
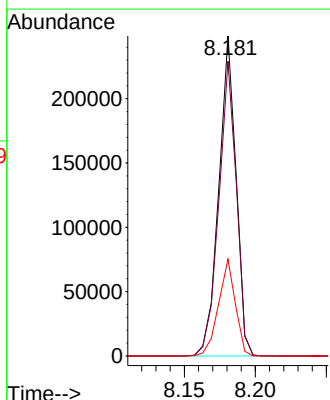
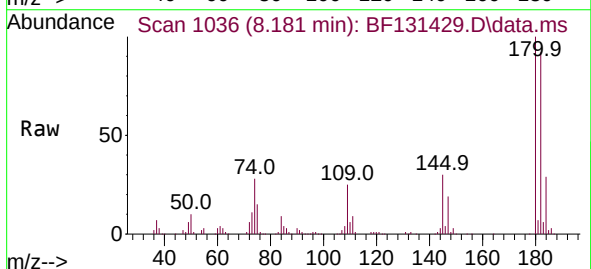
Manual Integrations
APPROVED

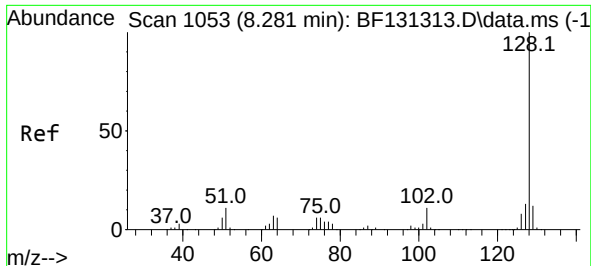
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#30
1,2,4-Trichlorobenzene
Concen: 38.993 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

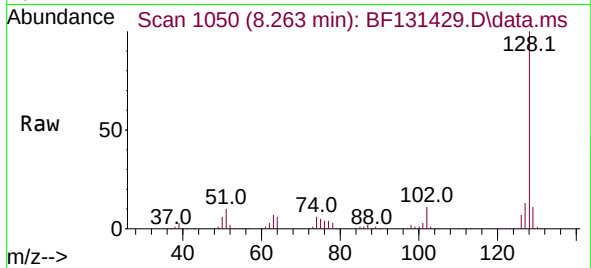
Tgt Ion:180 Resp: 210113
Ion Ratio Lower Upper
180 100
182 92.1 75.3 112.9
145 30.2 23.4 35.0





#31
Naphthalene
Concen: 38.489 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

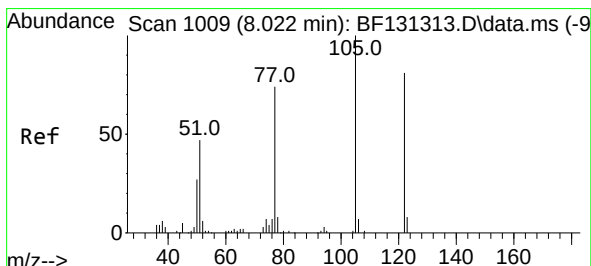
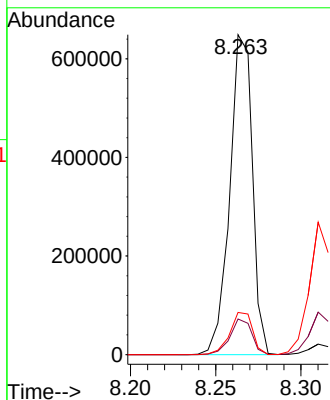
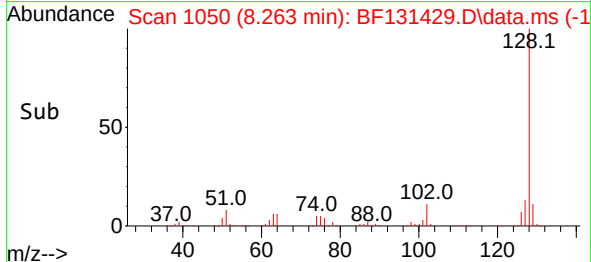
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 59945
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.2 10.6 16.0

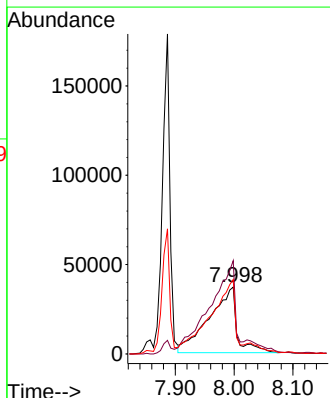
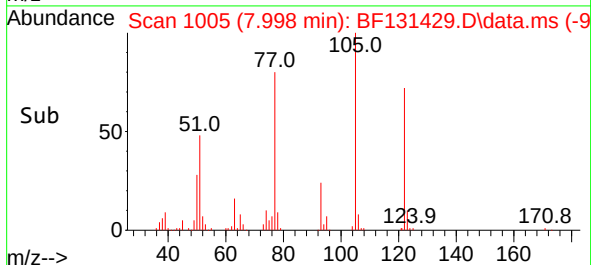
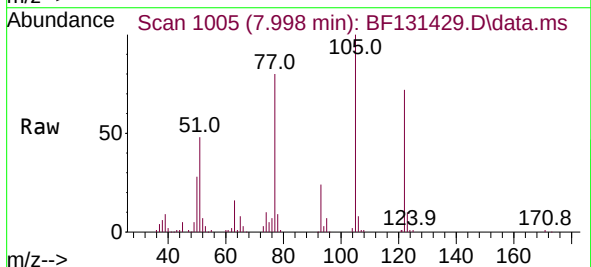
Manual Integrations
APPROVED

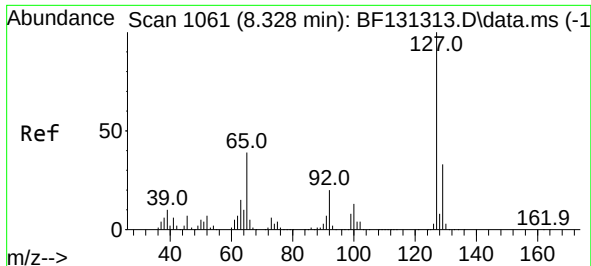
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#32
Benzoic acid
Concen: 48.358 ng m
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion:122 Resp: 121353
Ion Ratio Lower Upper
122 100
105 139.6 103.8 143.8
77 111.2 74.3 114.3





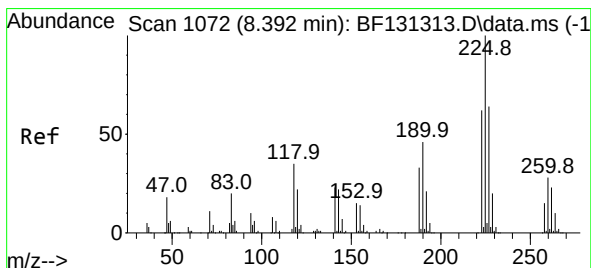
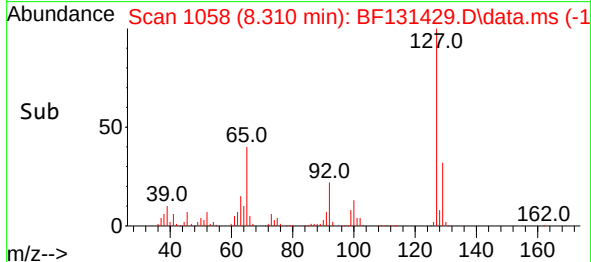
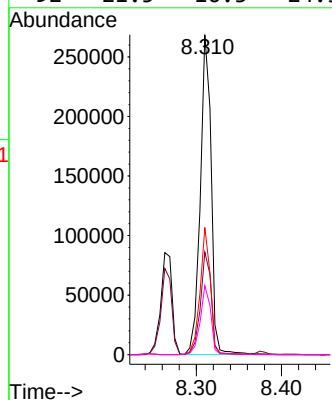
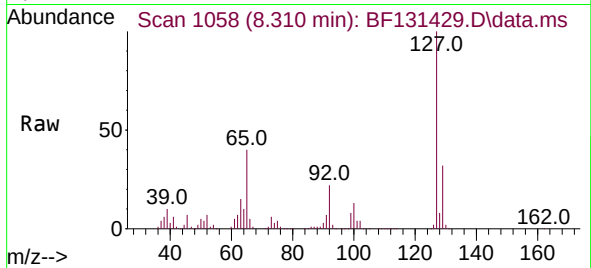
#33
4-Chloroaniline
Concen: 38.643 ng
RT: 8.310 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	23744
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.4	39.6
65	39.7	31.0	46.6
92	21.5	16.3	24.5

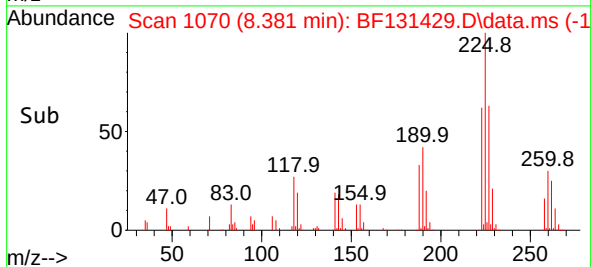
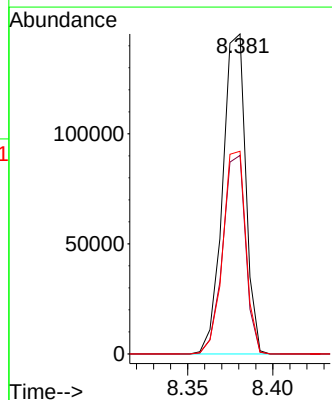
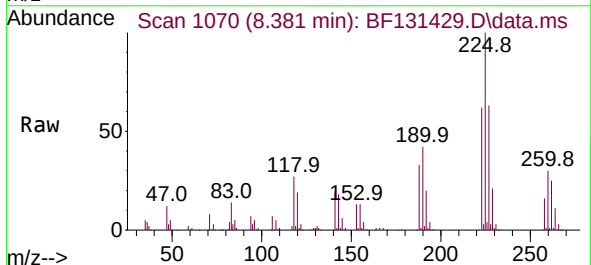
Manual Integrations
APPROVED

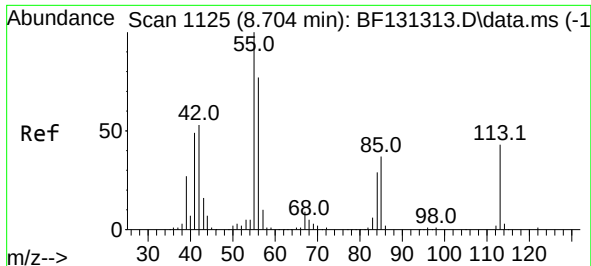
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#34
Hexachlorobutadiene
Concen: 39.167 ng
RT: 8.381 min Scan# 1070
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion:	225	Resp:	136663
Ion Ratio	Lower	Upper	
225	100		
223	62.0	49.4	74.0
227	63.3	51.1	76.7





#35
Caprolactam
Concen: 44.740 ng
RT: 8.687 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

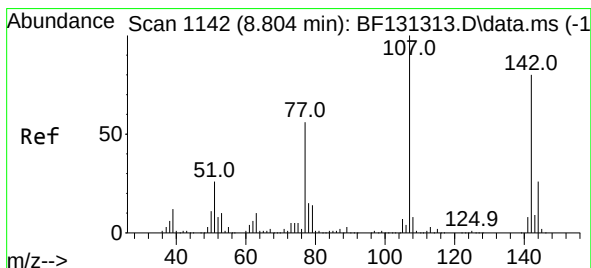
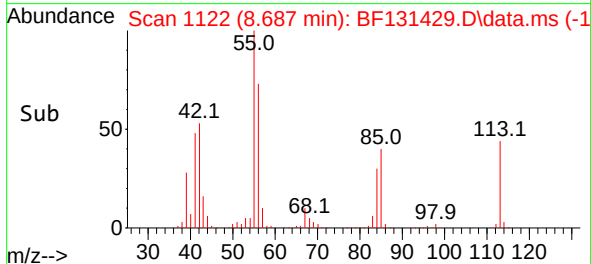
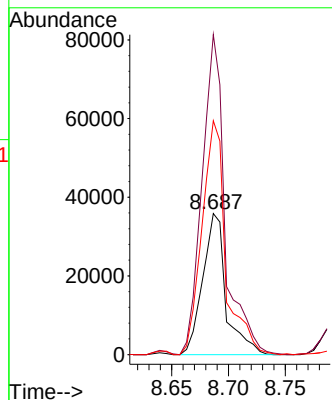
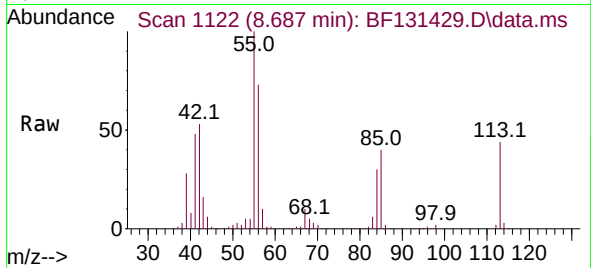
SSTDCCC040

Tgt Ion:113 Resp: 51139
Ion Ratio Lower Upper
113 100
55 226.8 214.5 254.5
56 165.7 159.4 199.4

Manual Integrations

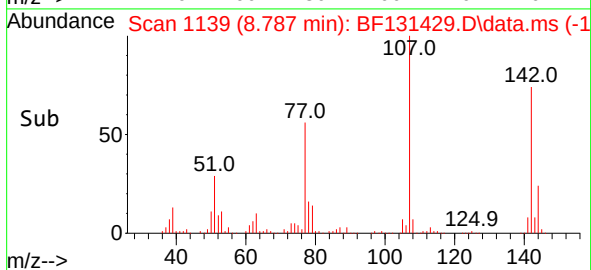
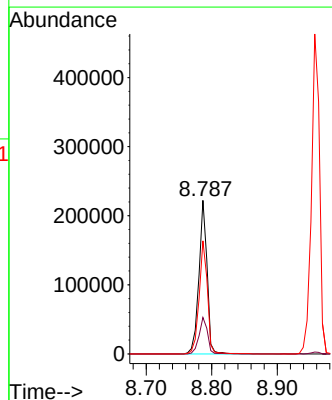
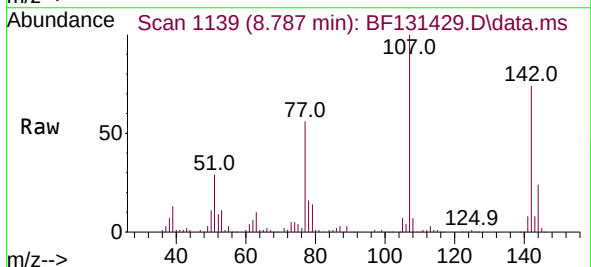
APPROVED

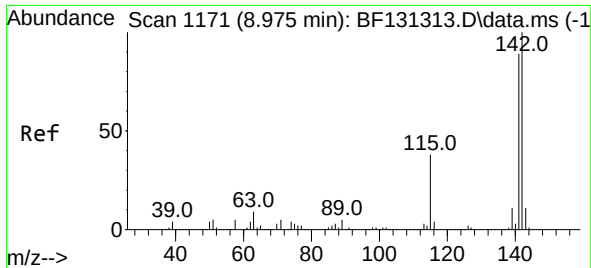
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#36
4-Chloro-3-methylphenol
Concen: 42.454 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion:107 Resp: 191857
Ion Ratio Lower Upper
107 100
144 23.7 20.9 31.3
142 73.6 63.9 95.9





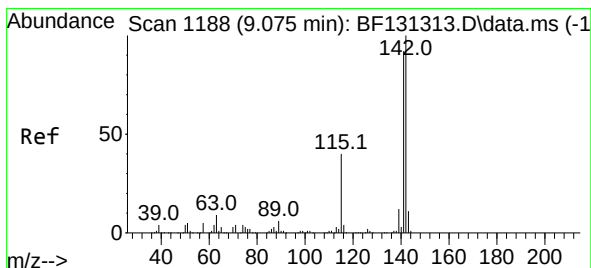
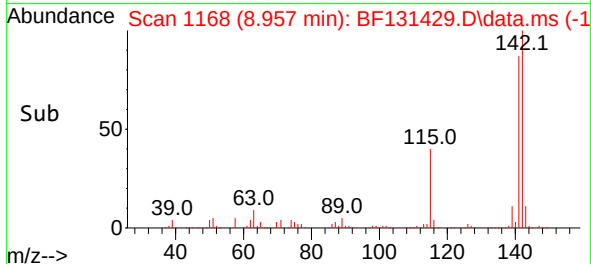
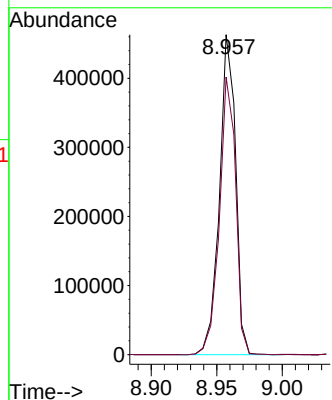
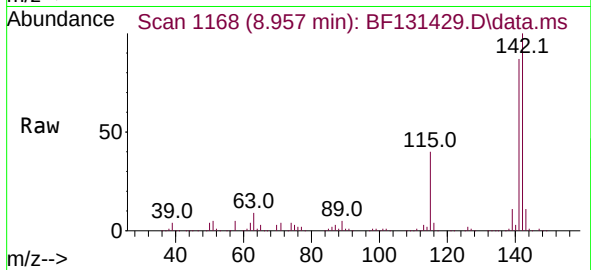
#37
2-Methylnaphthalene
Concen: 37.624 ng
RT: 8.957 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 397044
Ion Ratio Lower Upper
142 100
141 86.7 71.0 106.4

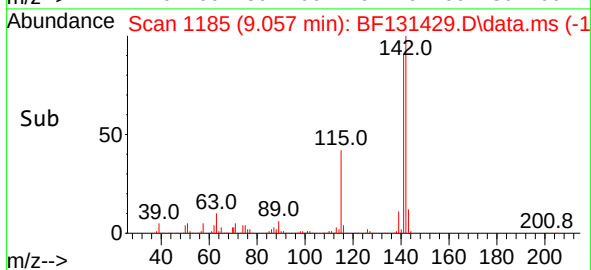
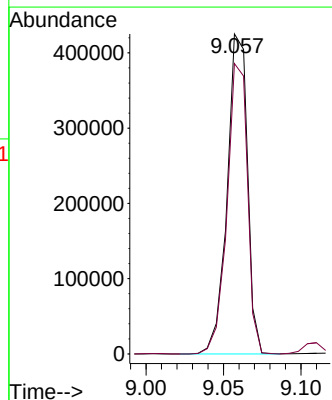
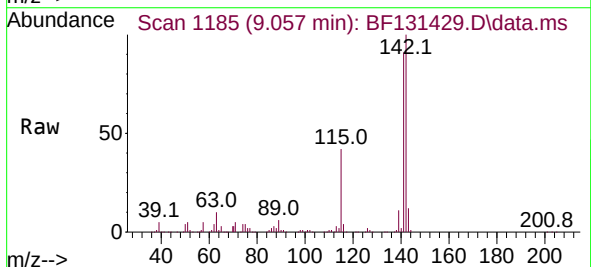
Manual Integrations
APPROVED

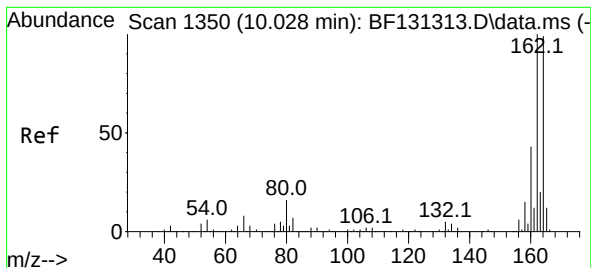
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#38
1-Methylnaphthalene
Concen: 38.113 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion:142 Resp: 390014
Ion Ratio Lower Upper
142 100
141 90.7 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1347

Delta R.T. -0.000 min

Lab File: BF131429.D

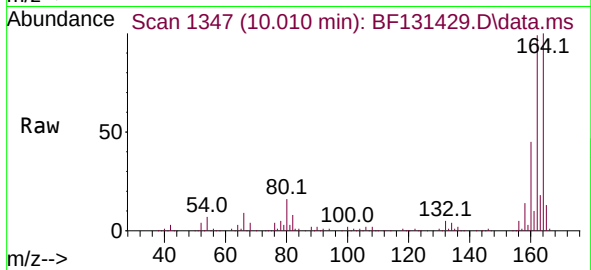
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 169915

Ion Ratio Lower Upper

164 100

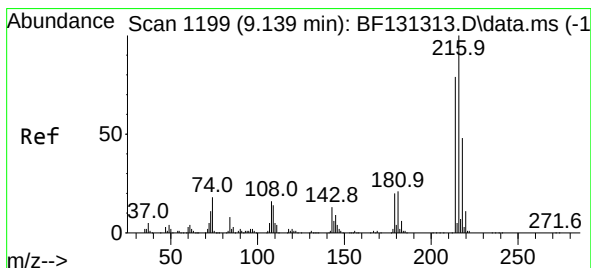
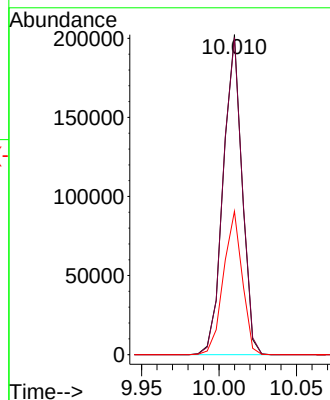
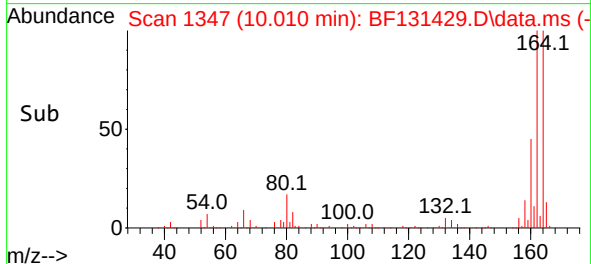
162 99.0 80.6 120.8

160 44.8 34.4 51.6

Manual Integrations

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.862 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

Tgt Ion:216 Resp: 208770

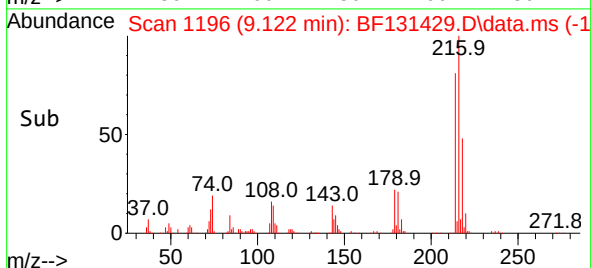
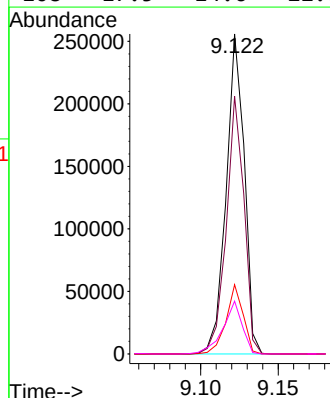
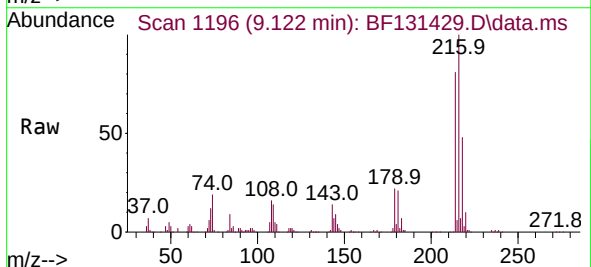
Ion Ratio Lower Upper

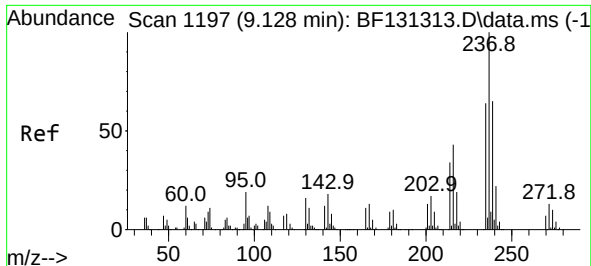
216 100

214 78.4 63.1 94.7

179 20.4 16.2 24.4

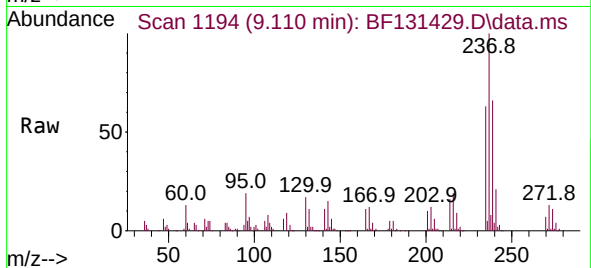
108 17.5 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 43.317 ng
RT: 9.110 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

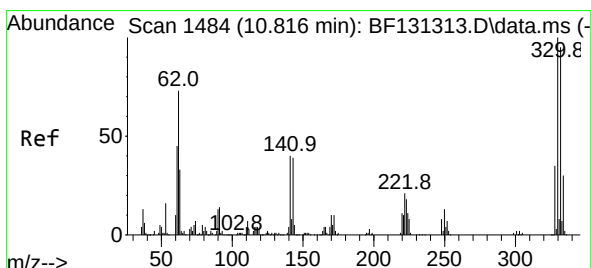
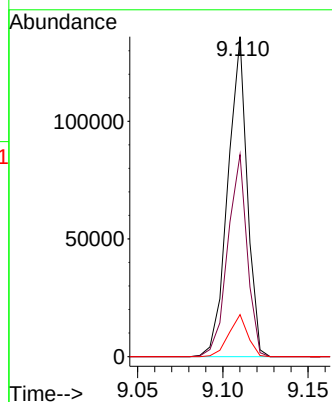
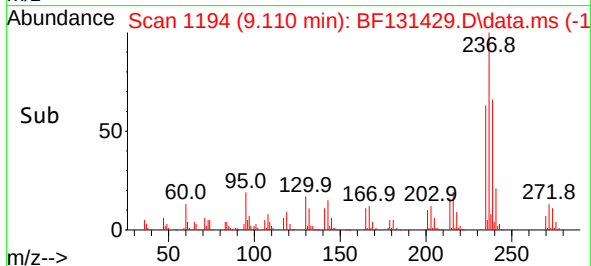
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



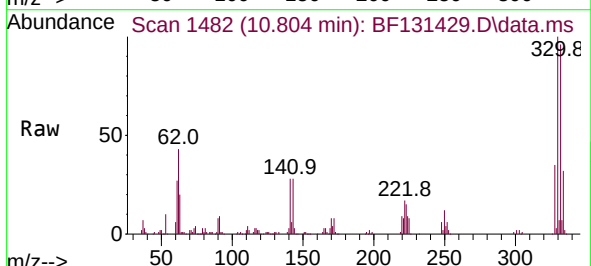
Tgt Ion: 237 Resp: 107373
Ion Ratio Lower Upper
237 100
235 63.1 44.2 84.2
272 13.1 0.0 33.4

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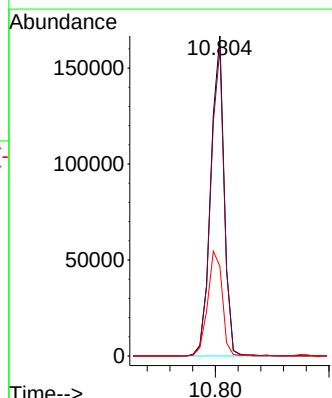
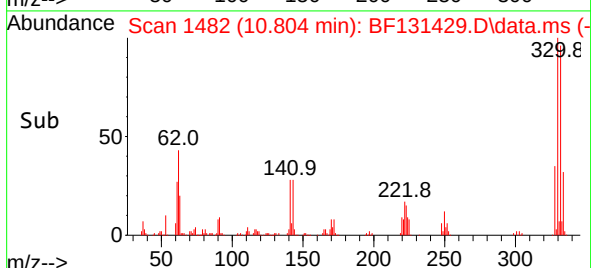
Reviewed By : Christian Giraldo 12/02/2022
Supervised By : mohammad ahmed 12/02/2022

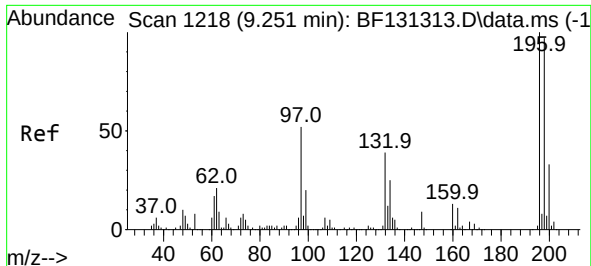


#42
2,4,6-Tribromophenol
Concen: 95.183 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



Tgt Ion: 330 Resp: 136065
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 35.7 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 44.781 ng

RT: 9.234 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 140076

Ion Ratio Lower Upper

196 100

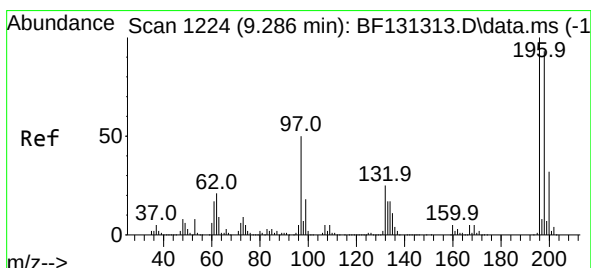
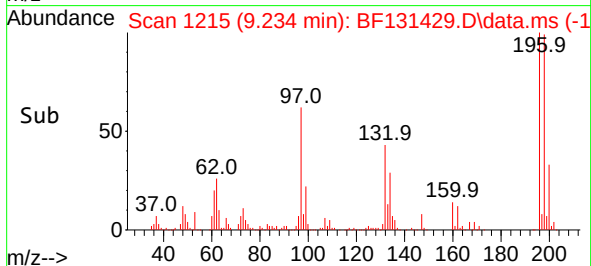
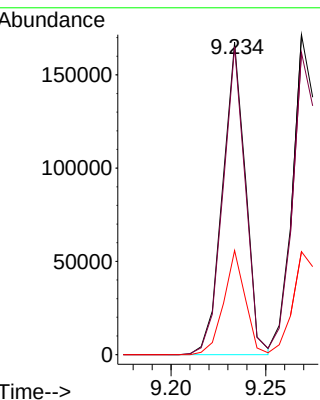
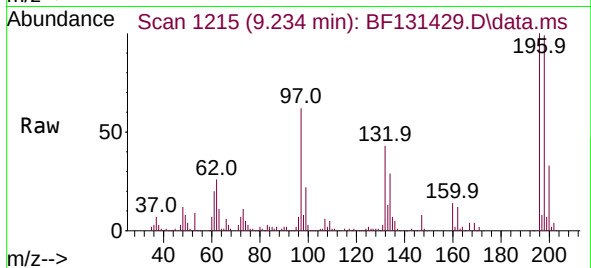
198 98.6 77.4 116.0

200 33.3 26.3 39.5

Manual Integrations

APPROVED

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



#44

2,4,5-Trichlorophenol

Concen: 42.466 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

Tgt Ion:196 Resp: 149370

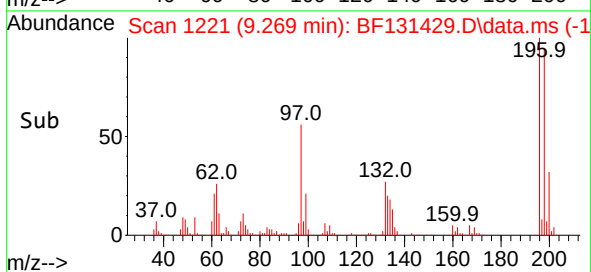
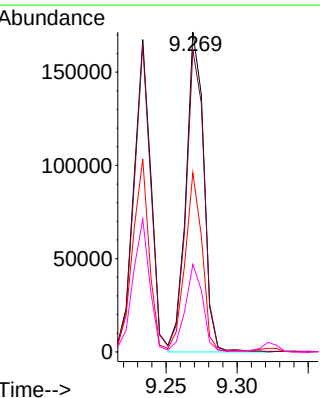
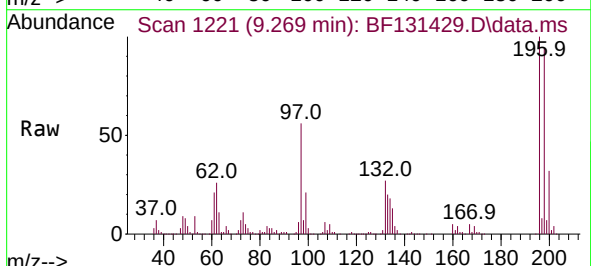
Ion Ratio Lower Upper

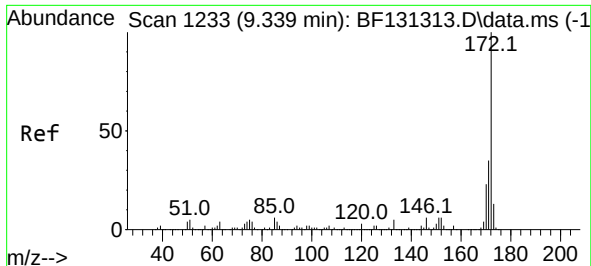
196 100

198 94.4 75.0 112.4

97 56.0 40.3 60.5

132 27.3 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 75.025 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

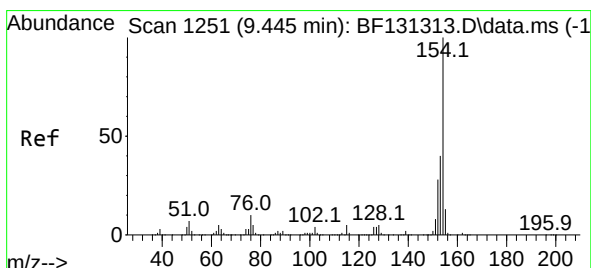
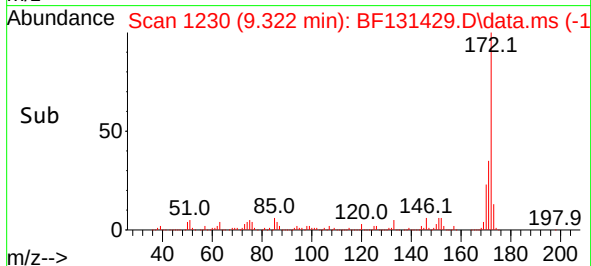
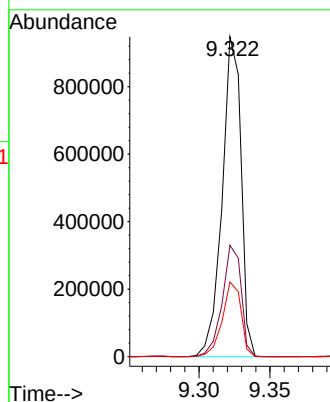
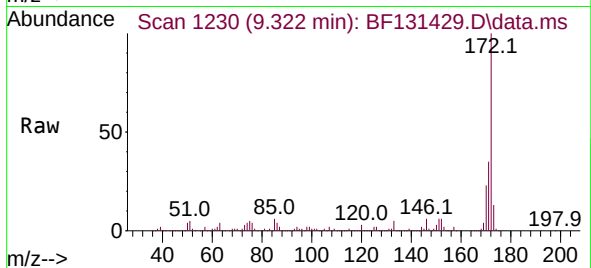
Tgt Ion:172 Resp: 876255

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.3	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: 37.206 ng

RT: 9.428 min Scan# 1248

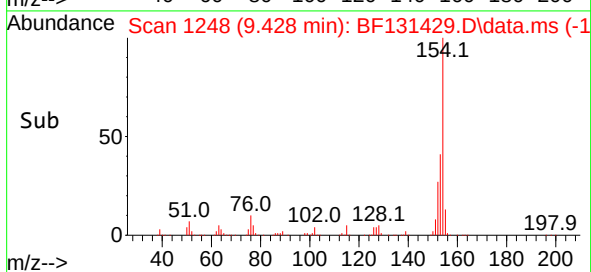
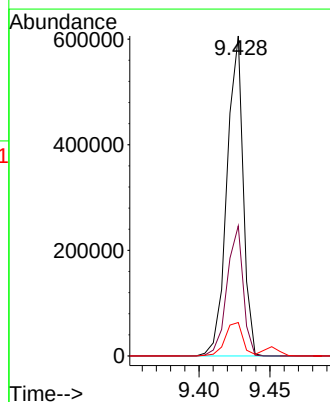
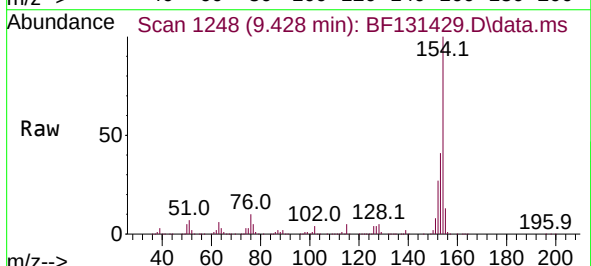
Delta R.T. -0.000 min

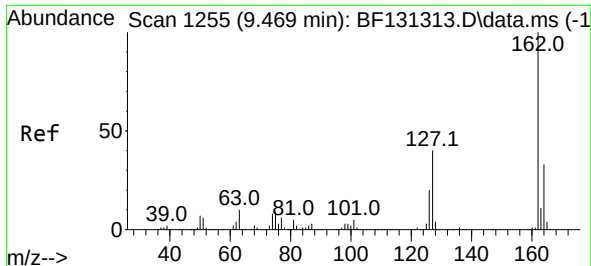
Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

Tgt Ion:154 Resp: 482430

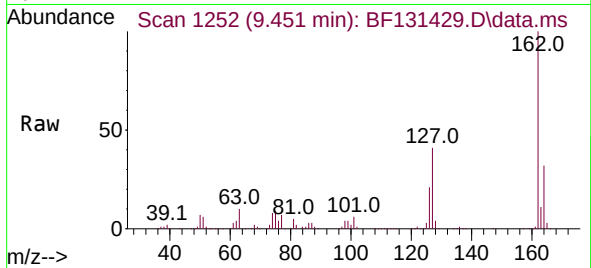
Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.8	59.8
76	10.4	0.0	30.2





#47
2-Chloronaphthalene
Concen: 38.015 ng
RT: 9.451 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

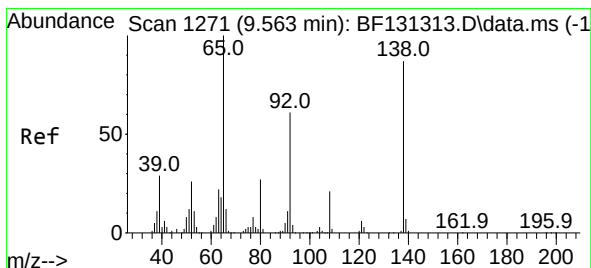
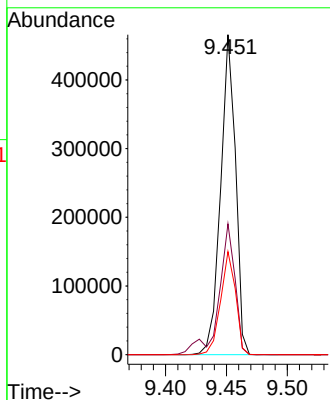
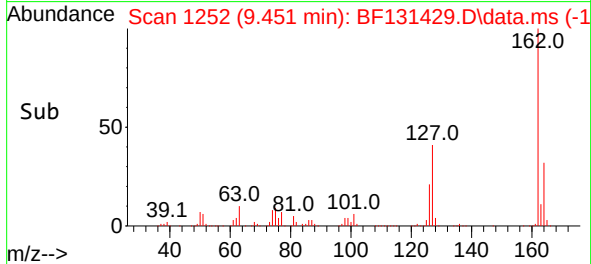
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 395415
Ion Ratio Lower Upper
162 100
127 40.9 32.1 48.1
164 32.2 26.6 39.8

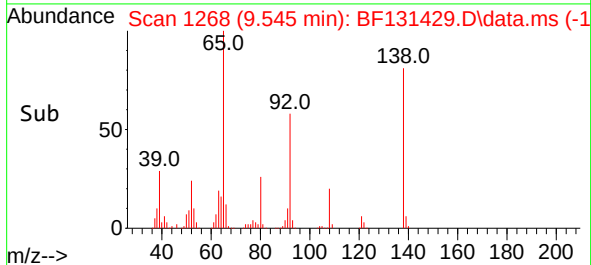
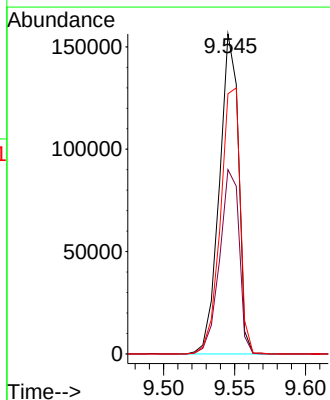
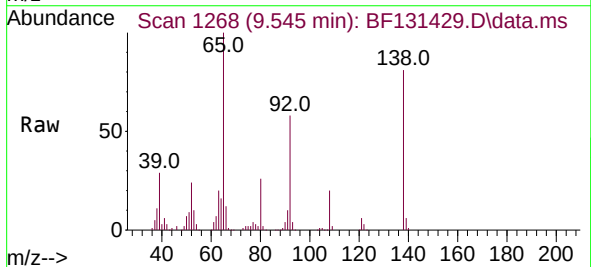
Manual Integrations
APPROVED

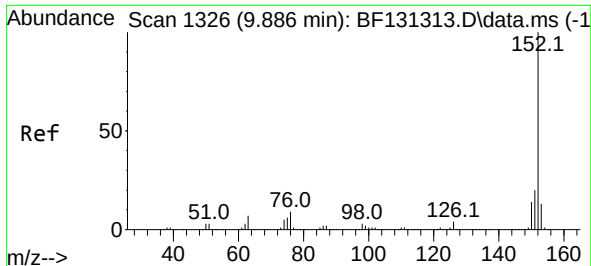
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#48
2-Nitroaniline
Concen: 46.341 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion: 65 Resp: 146356
Ion Ratio Lower Upper
65 100
92 57.6 49.0 73.4
138 81.3 69.4 104.2





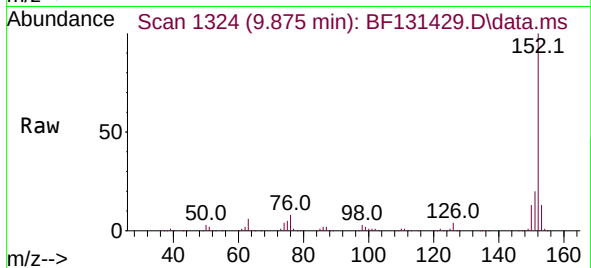
#49
Acenaphthylene
Concen: 38.081 ng
RT: 9.875 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

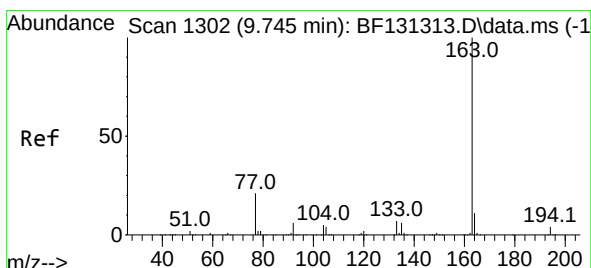
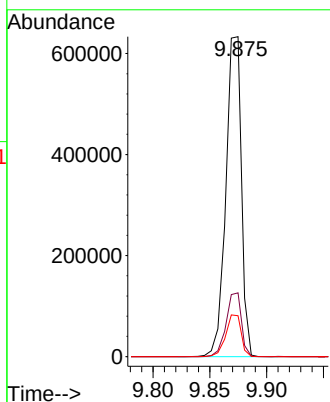
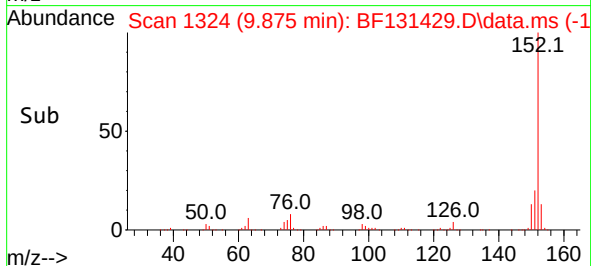


Tgt Ion:152 Resp: 603829
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 12.8 10.6 15.8

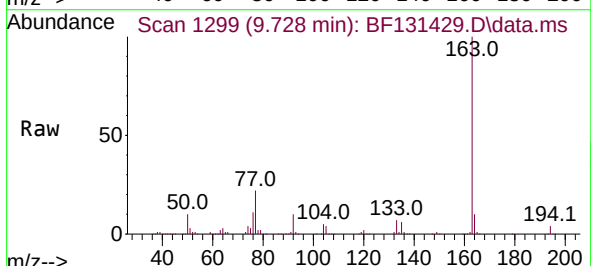
Manual Integrations

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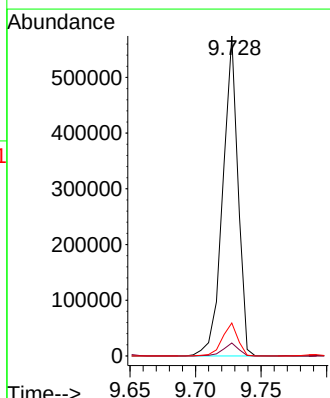
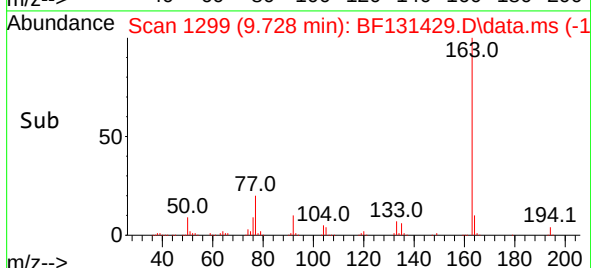
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

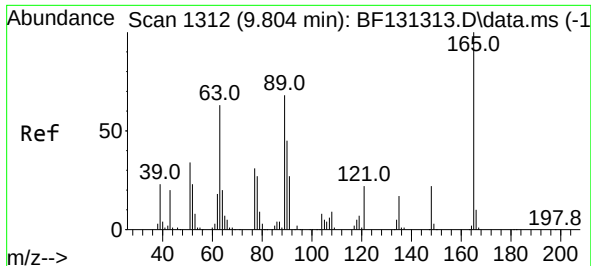


#50
Dimethylphthalate
Concen: 39.238 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



Tgt Ion:163 Resp: 464521
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 42.380 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 100336

Ion Ratio Lower Upper

165 100

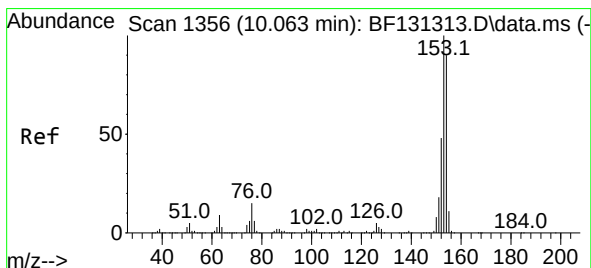
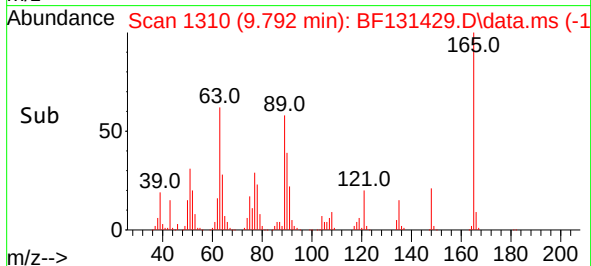
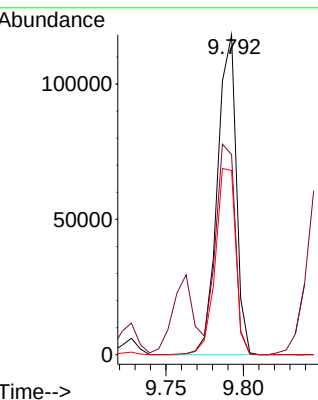
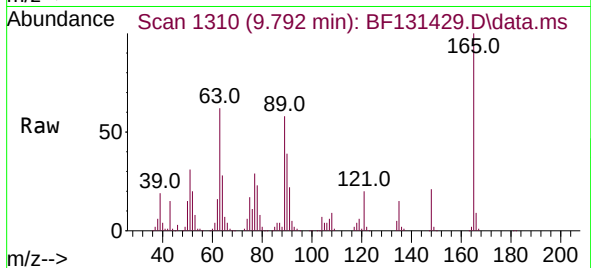
63 62.5 62.0 93.0

89 57.5 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: 39.923 ng

RT: 10.045 min Scan# 1353

Delta R.T. 0.000 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

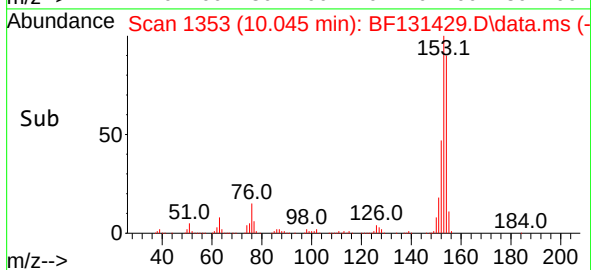
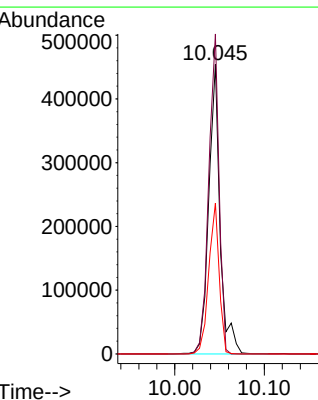
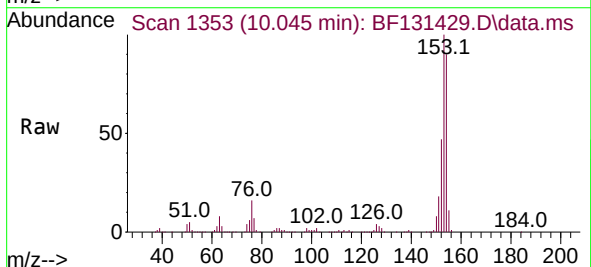
Tgt Ion:154 Resp: 396396

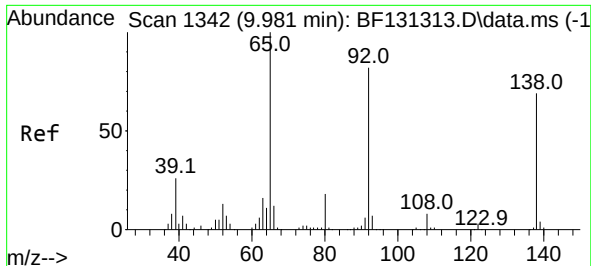
Ion Ratio Lower Upper

154 100

153 110.5 88.4 132.6

152 52.1 42.8 64.2





#53
3-Nitroaniline
Concen: 43.185 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

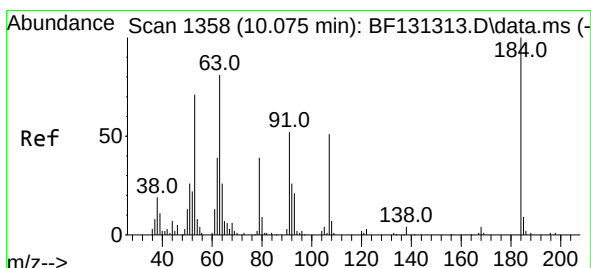
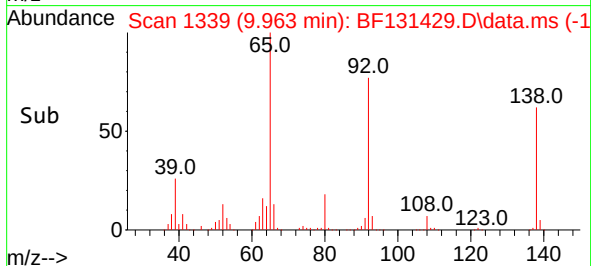
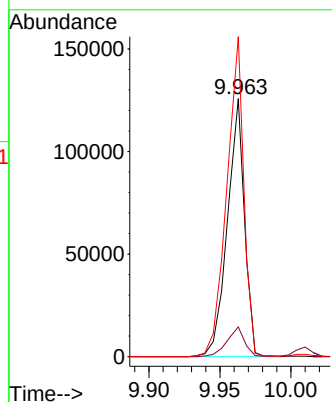
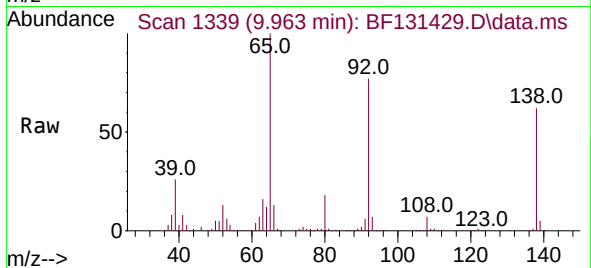
SSTDCCC040

Tgt Ion:138 Resp: 105063
Ion Ratio Lower Upper
138 100
108 11.5 8.9 13.3
92 124.0 95.3 142.9

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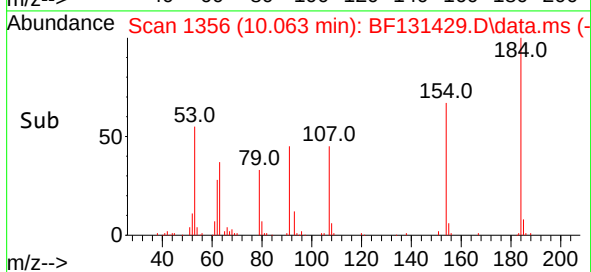
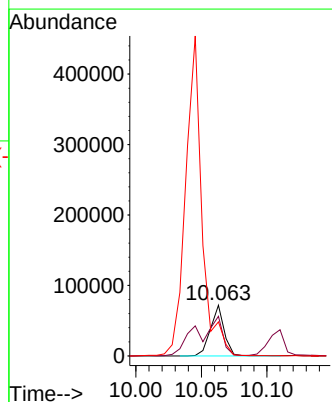
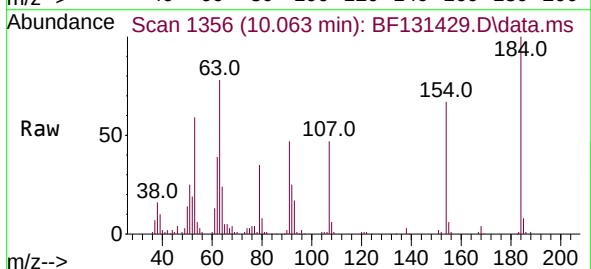
APPROVED

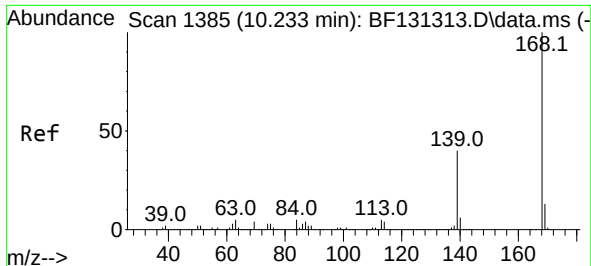
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#54
2,4-Dinitrophenol
Concen: 56.433 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

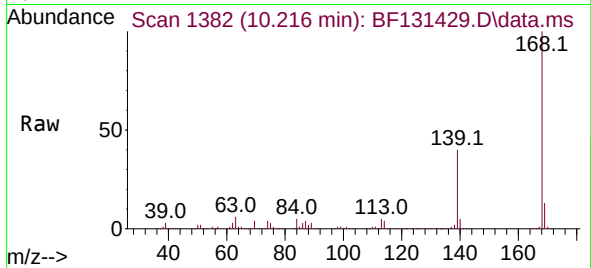
Tgt Ion:184 Resp: 52486
Ion Ratio Lower Upper
184 100
63 78.1 72.1 108.1
154 67.0 56.3 84.5





#55
Dibenzofuran
Concen: 37.799 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

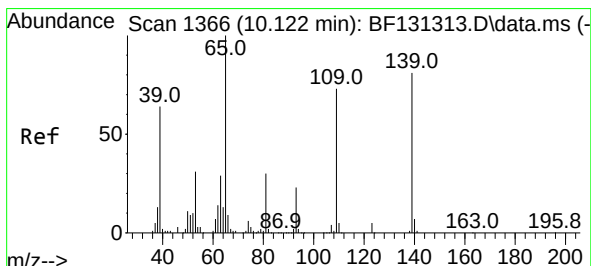
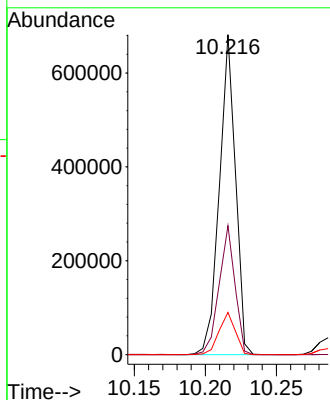
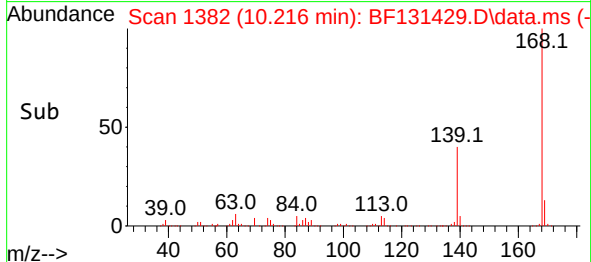
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



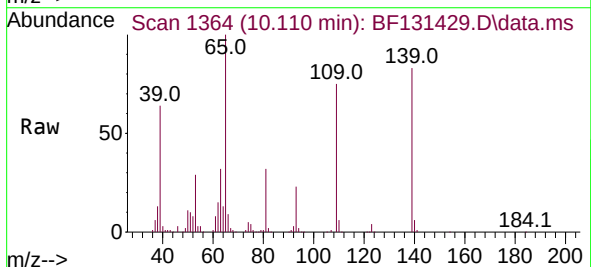
Tgt Ion:168 Resp: 53994
Ion Ratio Lower Upper
168 100
139 40.3 31.7 47.5
169 13.2 10.6 15.8

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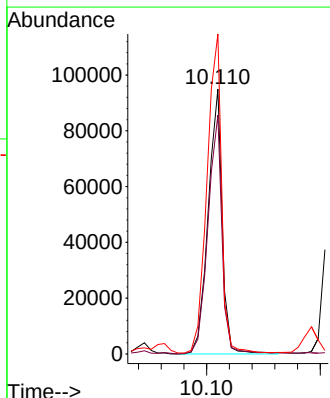
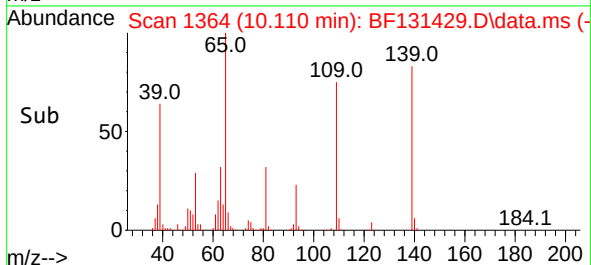
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

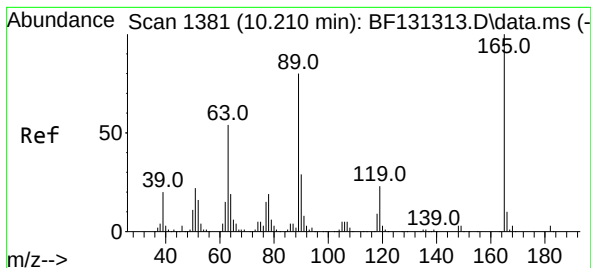


#56
4-Nitrophenol
Concen: 48.208 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



Tgt Ion:139 Resp: 81394
Ion Ratio Lower Upper
139 100
109 90.1 69.6 109.6
65 120.9 103.4 143.4





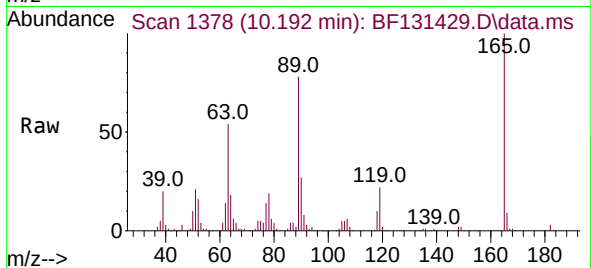
#57
2,4-Dinitrotoluene
Concen: 46.427 ng
RT: 10.192 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

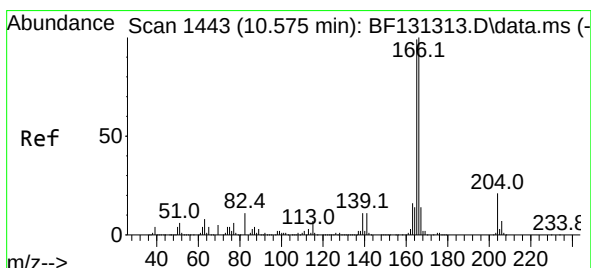
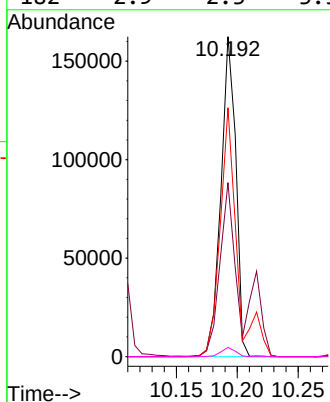
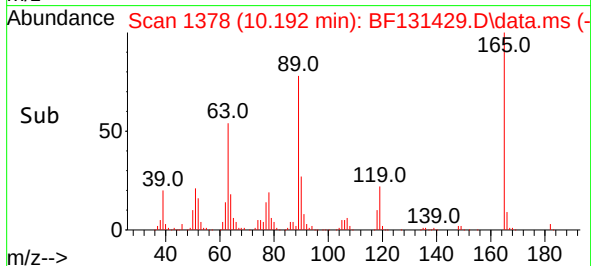


Tgt Ion:165 Resp: 138301
Ion Ratio Lower Upper
165 100
63 54.4 43.4 65.2
89 77.8 64.0 96.0
182 2.9 2.3 3.5

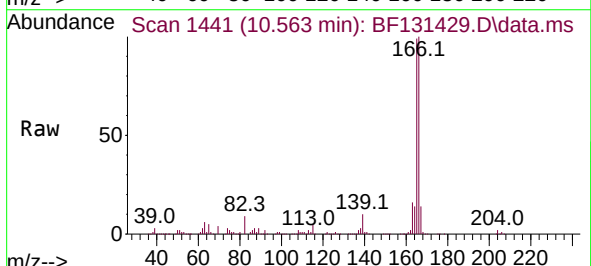
Manual Integrations

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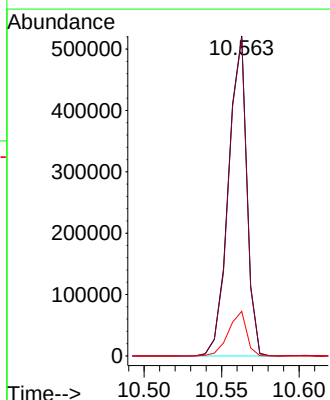
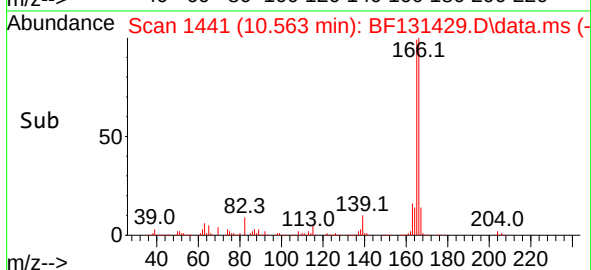
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

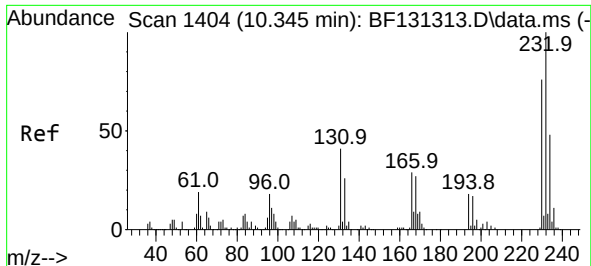


#58
Fluorene
Concen: 38.713 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



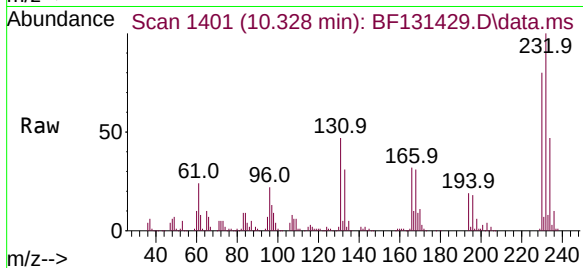
Tgt Ion:166 Resp: 431580
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.4
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.328 ng
RT: 10.328 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

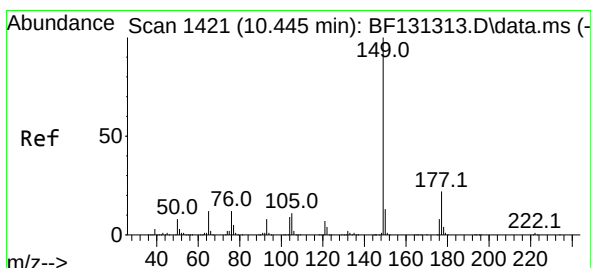
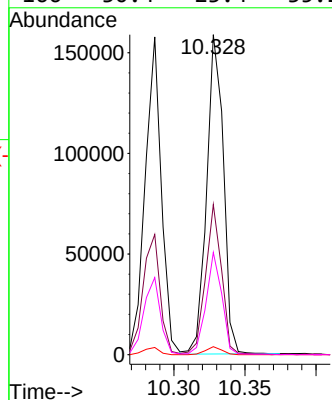
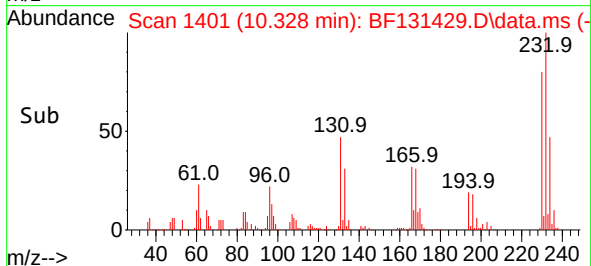
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



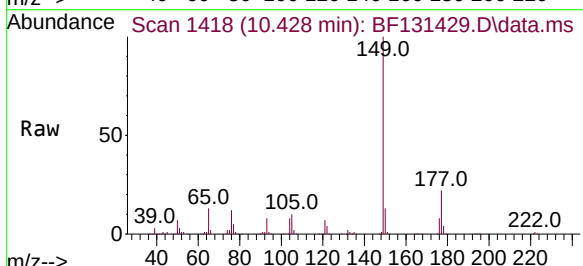
Tgt Ion:232 Resp: 129850
Ion Ratio Lower Upper
232 100
131 45.0 35.2 52.8
130 2.4 1.8 2.8
166 30.4 23.4 35.2

Manual Integrations
APPROVED

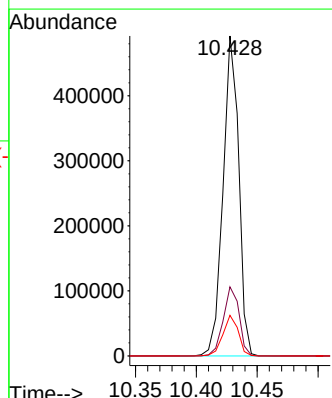
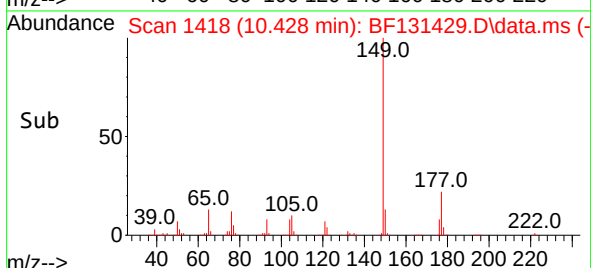
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

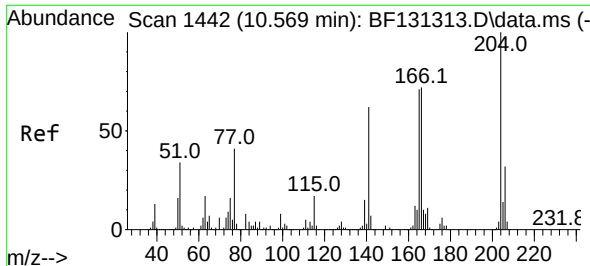


#60
Diethylphthalate
Concen: 39.480 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



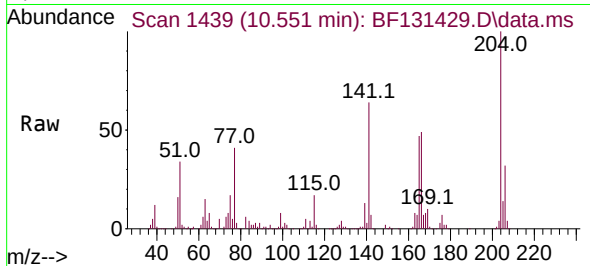
Tgt Ion:149 Resp: 441320
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.030 ng
RT: 10.551 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

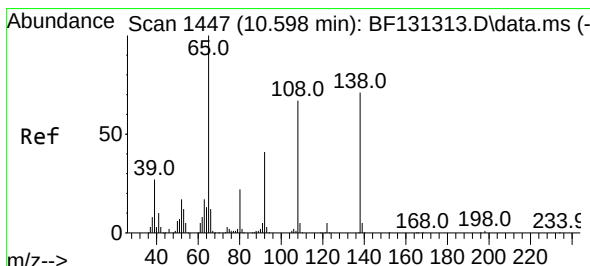
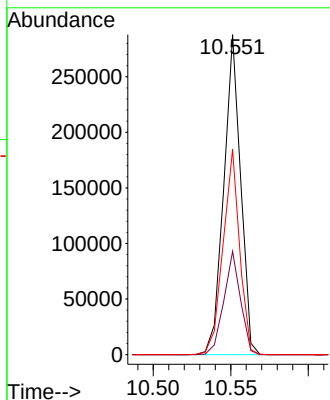
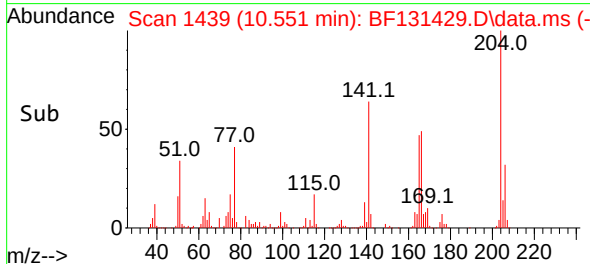
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 217342
Ion Ratio Lower Upper
204 100
206 32.3 25.7 38.5
141 64.1 49.2 73.8

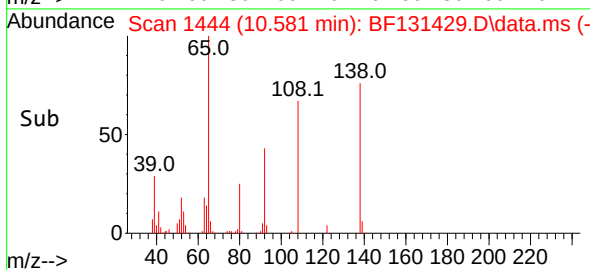
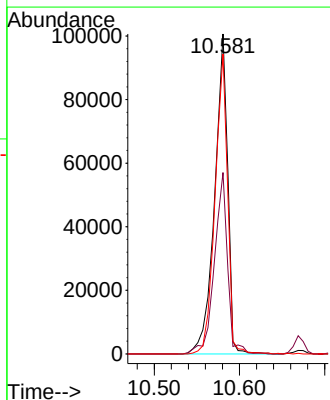
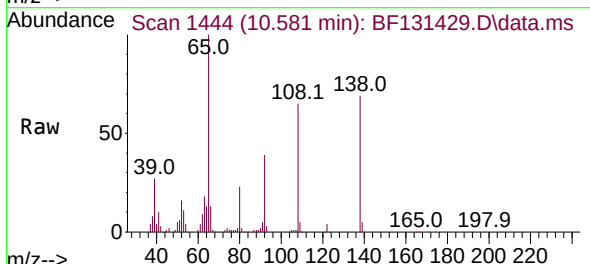
Manual Integrations
APPROVED

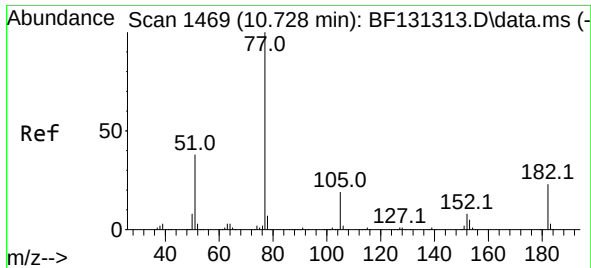
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#62
4-Nitroaniline
Concen: 44.352 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

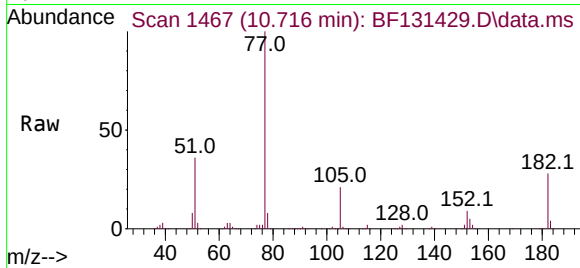
Tgt Ion:138 Resp: 107385
Ion Ratio Lower Upper
138 100
92 56.7 37.0 77.0
108 93.7 74.0 114.0





#63
Azobenzene
Concen: 37.141 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

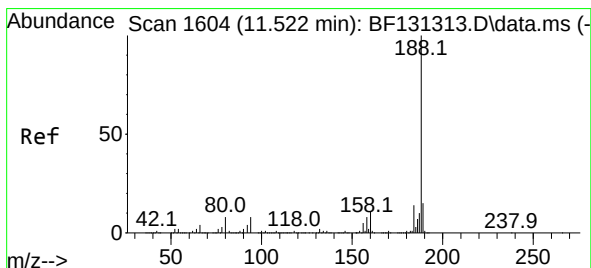
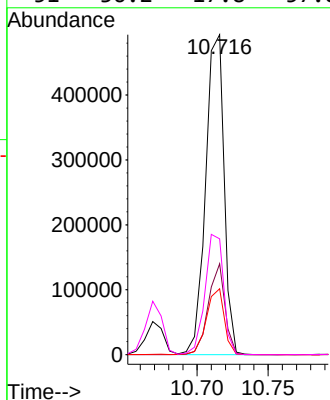
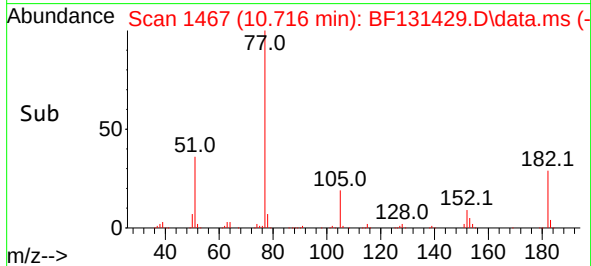
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



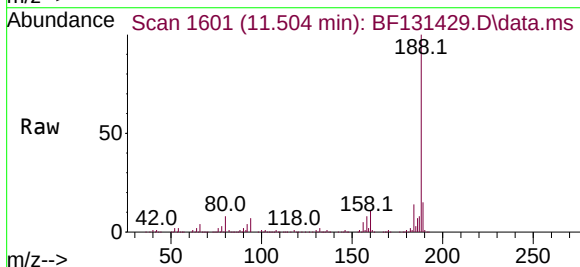
Tgt Ion: 77 Resp: 446418
Ion Ratio Lower Upper
77 100
182 28.4 3.1 43.1
105 20.6 0.0 39.2
51 36.2 17.8 57.8

Manual Integrations
APPROVED

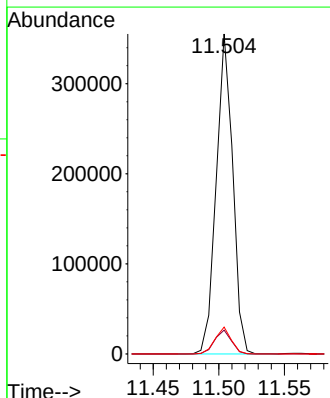
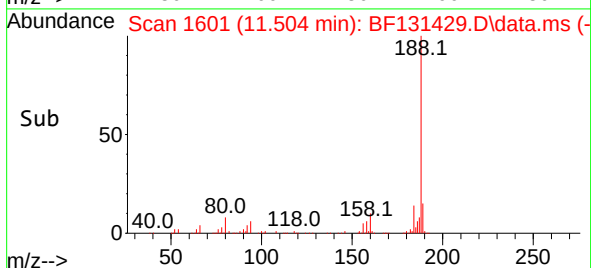
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

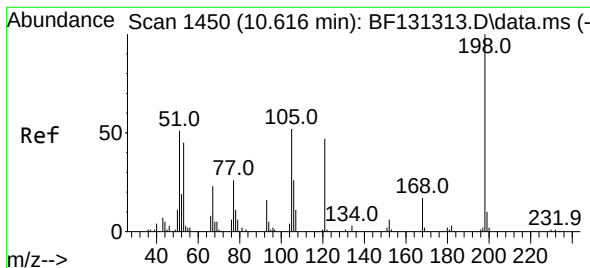


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



Tgt Ion:188 Resp: 311502
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 8.4 6.8 10.2





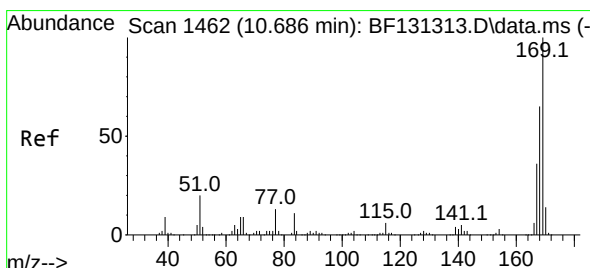
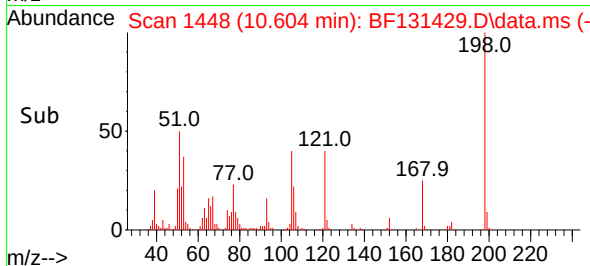
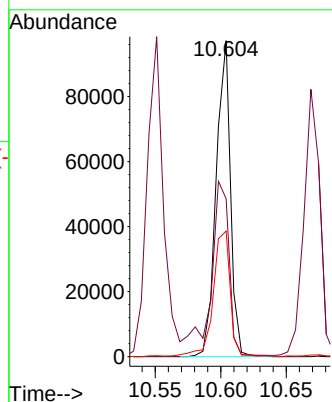
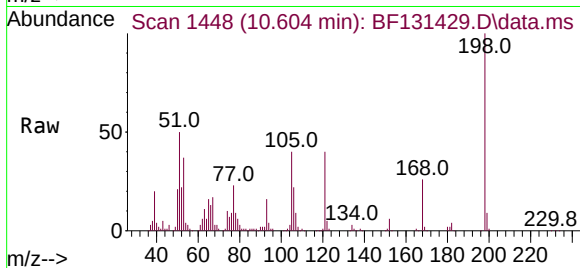
#65
4,6-Dinitro-2-methylphenol
Concen: 53.507 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 74154
Ion Ratio Lower Upper
198 100
51 50.0 50.1 90.1
105 39.7 32.5 72.5

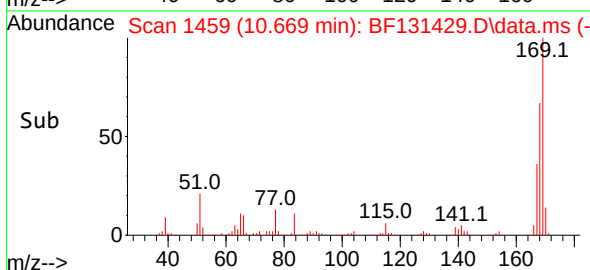
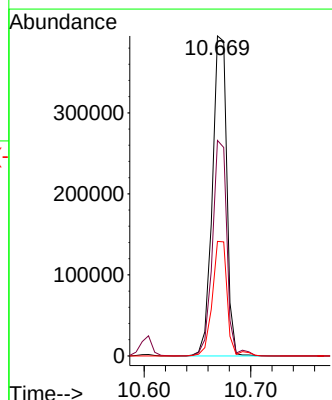
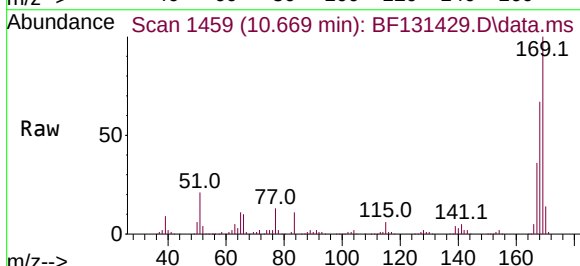
Manual Integrations
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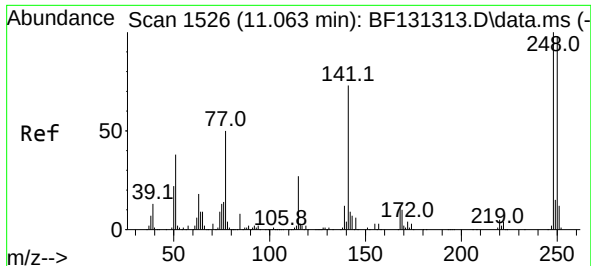
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#66
n-Nitrosodiphenylamine
Concen: 37.418 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion:169 Resp: 371404
Ion Ratio Lower Upper
169 100
168 67.3 52.4 78.6
167 35.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 36.122 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

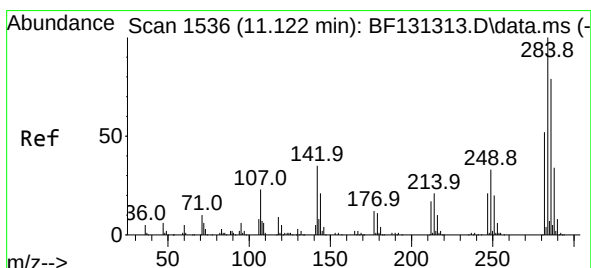
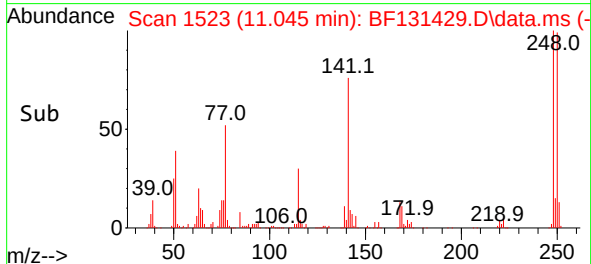
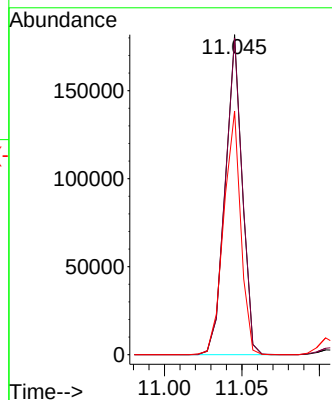
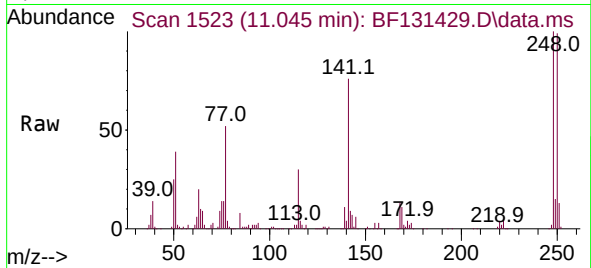
SSTDCCC040

Tgt Ion:248 Resp: 137909
Ion Ratio Lower Upper
248 100
250 98.9 78.3 117.5
141 76.1 58.0 87.0

Manual Integrations

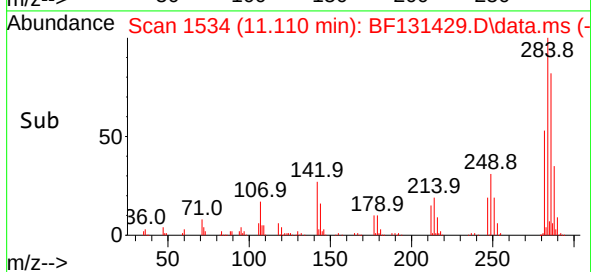
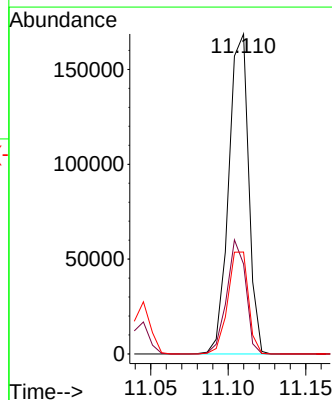
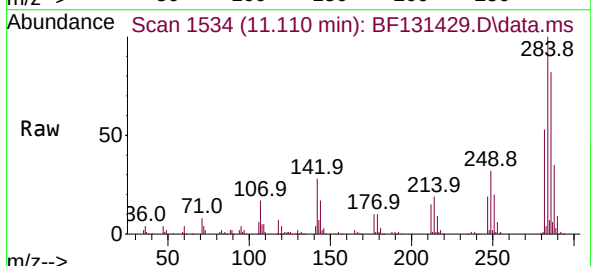
APPROVED

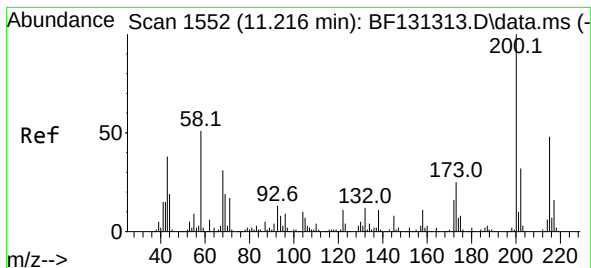
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#68
Hexachlorobenzene
Concen: 37.251 ng
RT: 11.110 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Tgt Ion:284 Resp: 150945
Ion Ratio Lower Upper
284 100
142 28.1 28.4 42.6#
249 31.8 26.5 39.7





#69

Atrazine

Concen: 40.804 ng

RT: 11.198 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 124700

Ion Ratio Lower Upper

200 100

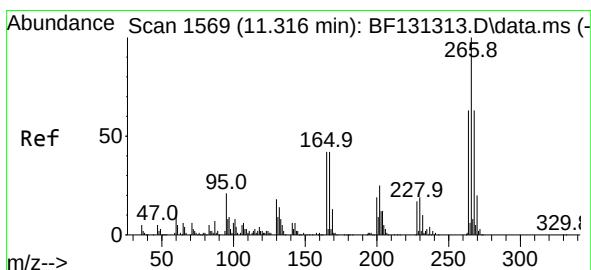
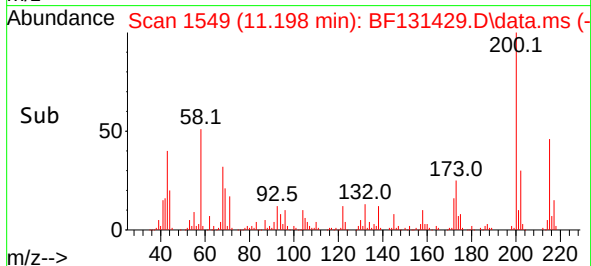
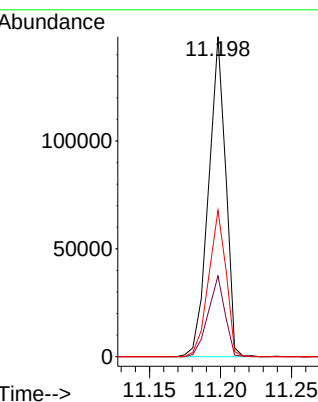
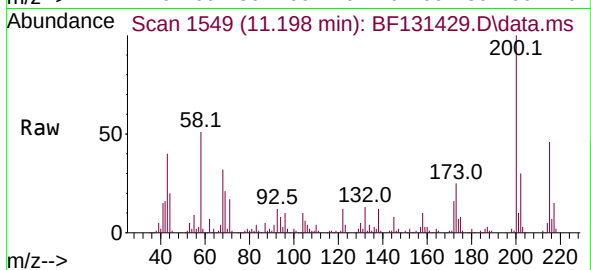
173 25.2 5.2 45.2

215 45.7 28.3 68.3

Manual Integrations

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



#70

Pentachlorophenol

Concen: 41.417 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

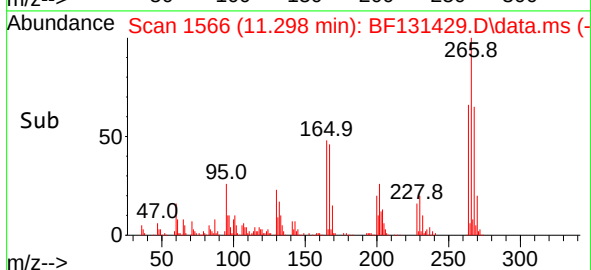
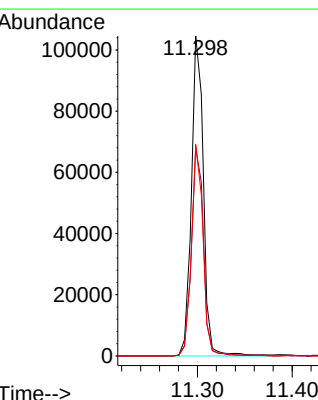
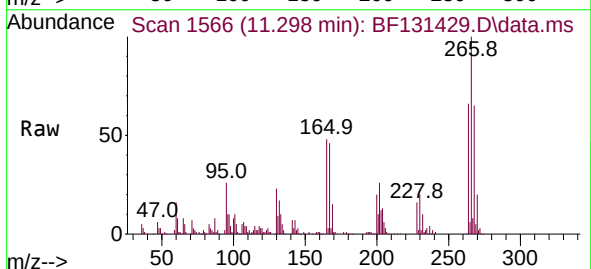
Tgt Ion:266 Resp: 91618

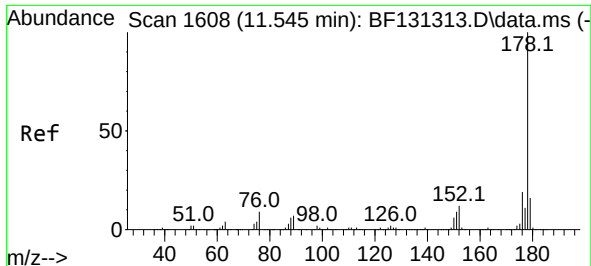
Ion Ratio Lower Upper

266 100

268 65.0 50.6 75.8

264 66.1 50.4 75.6





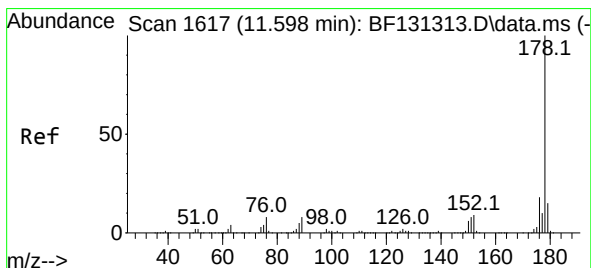
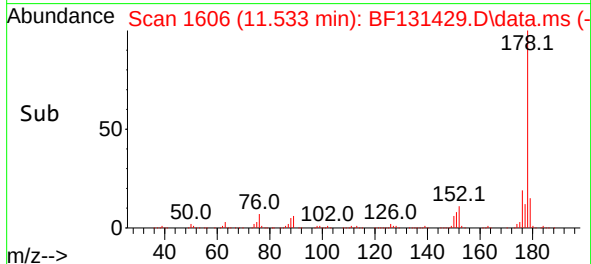
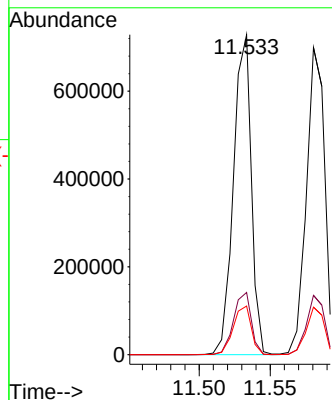
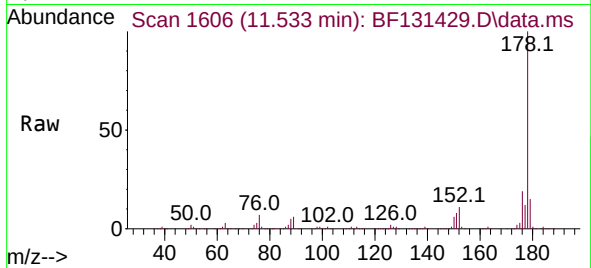
#71
Phenanthrene
Concen: 37.802 ng
RT: 11.533 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 636378
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.4 18.6

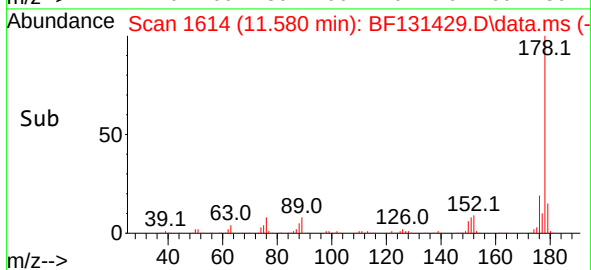
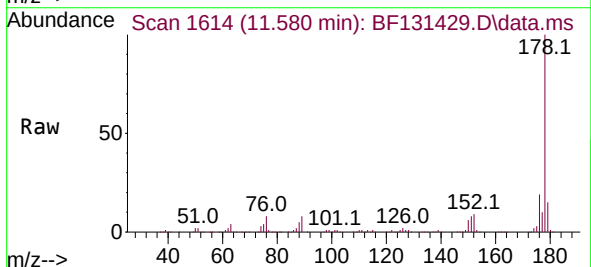
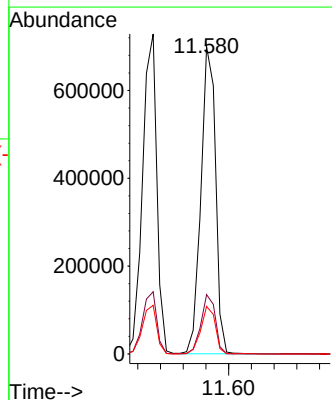
Manual Integrations
APPROVED

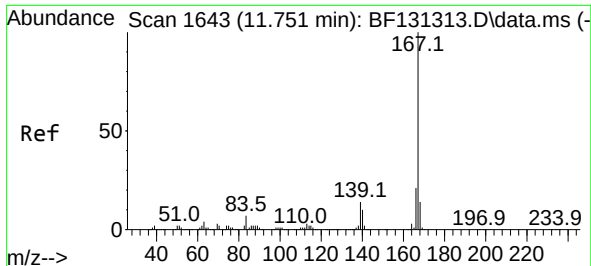
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#72
Anthracene
Concen: 37.888 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

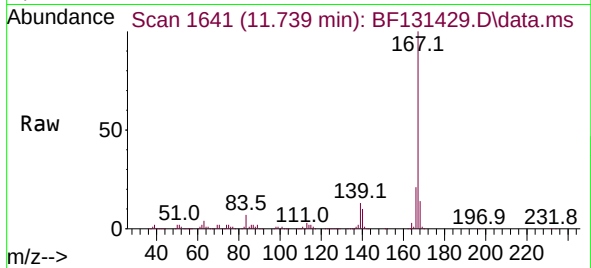
Tgt Ion:178 Resp: 626834
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 39.341 ng
 RT: 11.739 min Scan# 1641
 Delta R.T. -0.000 min
 Lab File: BF131429.D
 Acq: 28 Nov 2022 14:54

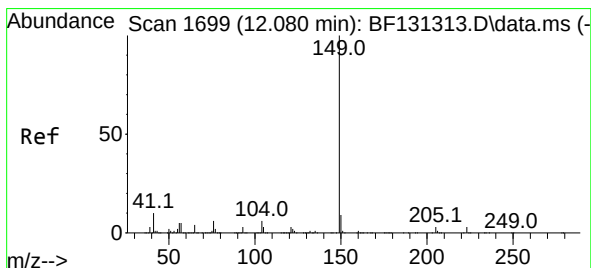
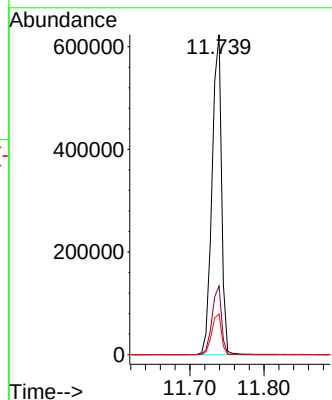
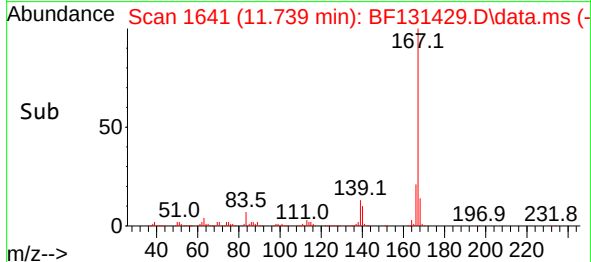
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



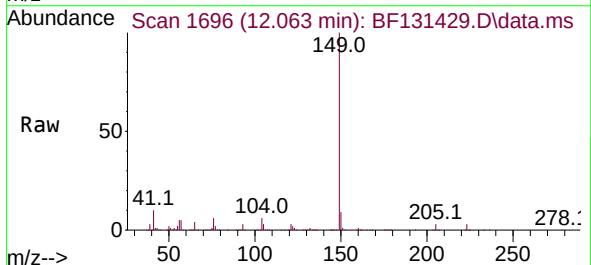
Tgt Ion:167 Resp: 555202
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.7 10.8 16.2

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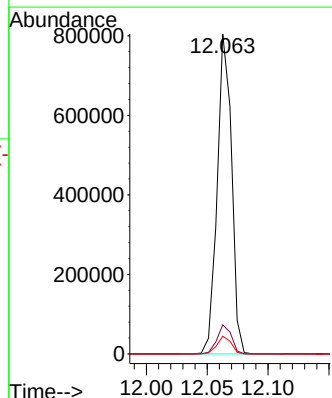
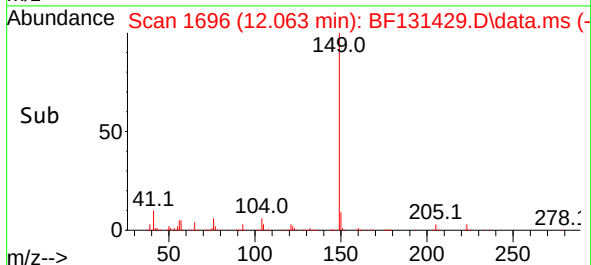
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

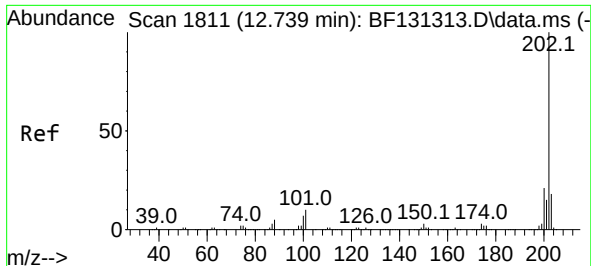


#74
 Di-n-butylphthalate
 Concen: 39.790 ng
 RT: 12.063 min Scan# 1696
 Delta R.T. -0.006 min
 Lab File: BF131429.D
 Acq: 28 Nov 2022 14:54



Tgt Ion:149 Resp: 661705
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.5 4.7 7.1





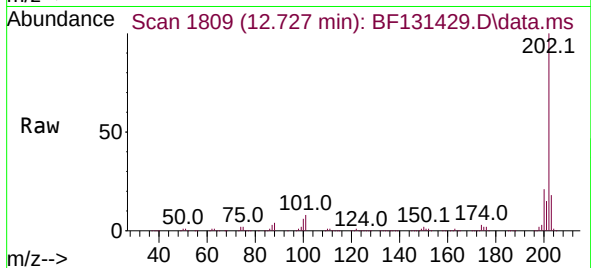
#75
Fluoranthene
Concen: 38.980 ng
RT: 12.727 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

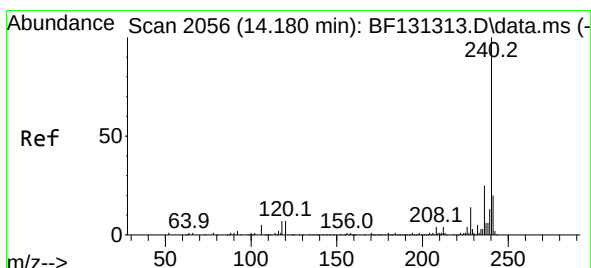
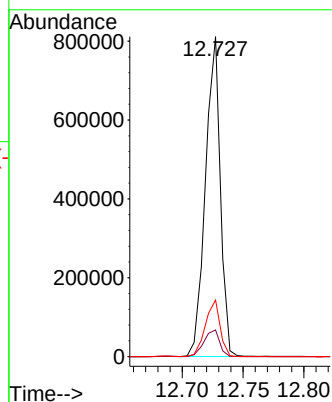
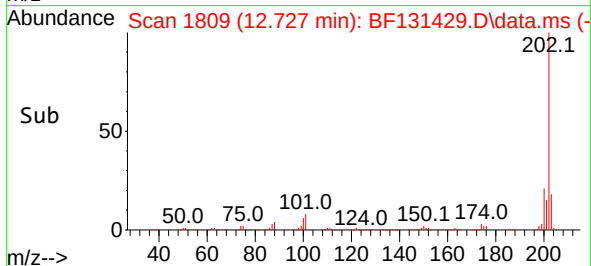


Tgt Ion:202 Resp: 691472
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.6
203 17.7 0.0 37.8

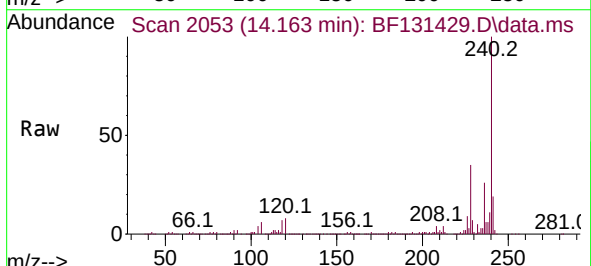
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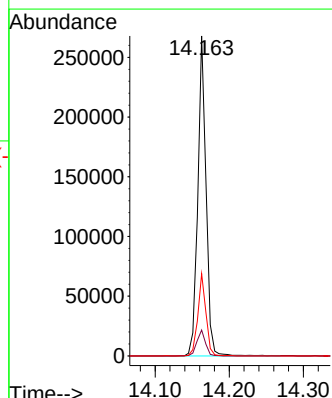
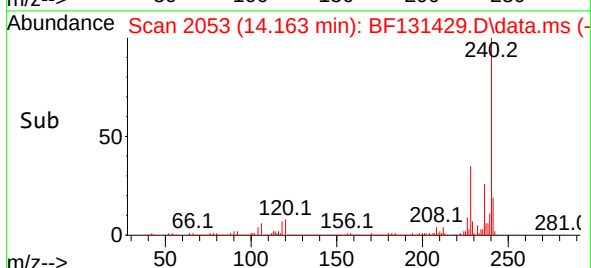
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

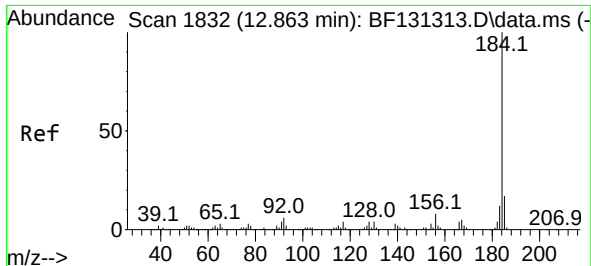


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



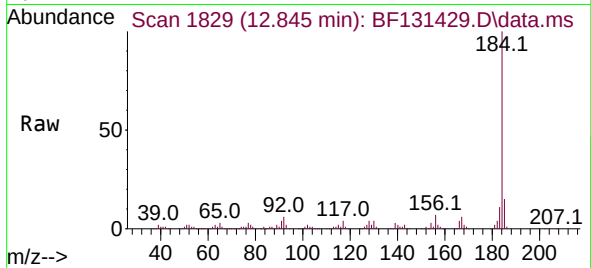
Tgt Ion:240 Resp: 208218
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 25.7 20.3 30.5





#77
Benzidine
Concen: 46.467 ng
RT: 12.845 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

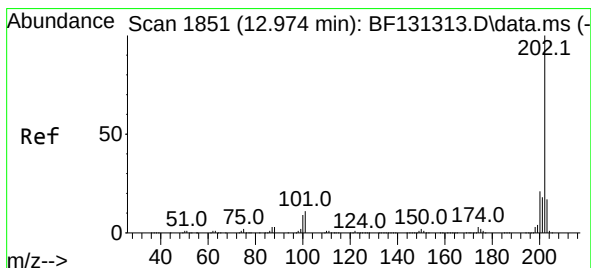
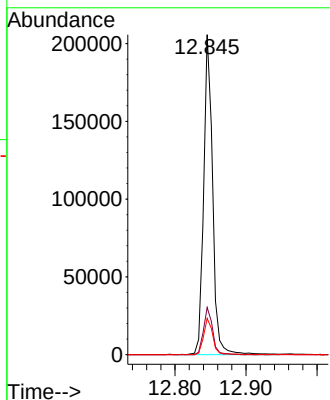
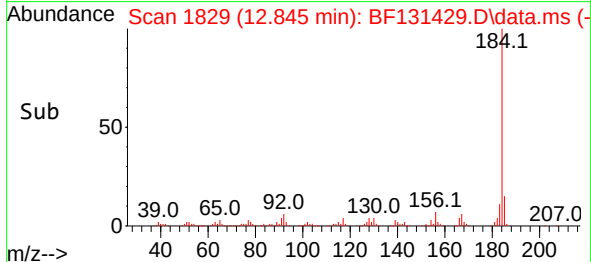
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



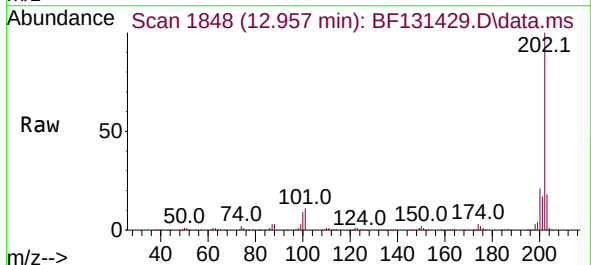
Tgt Ion:184 Resp: 178713
Ion Ratio Lower Upper
184 100
185 14.8 13.8 20.8
183 11.3 9.6 14.4

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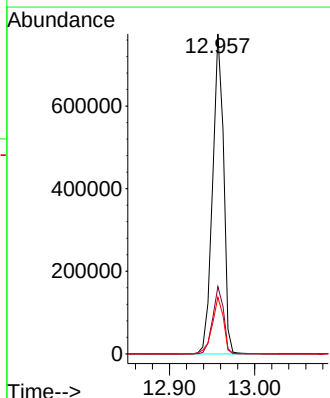
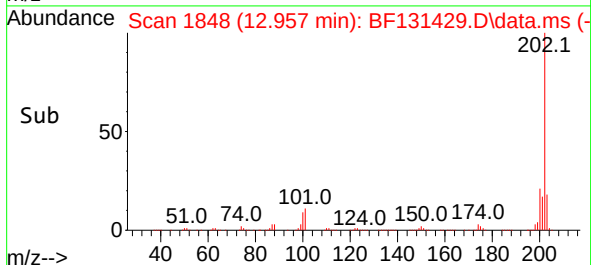
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

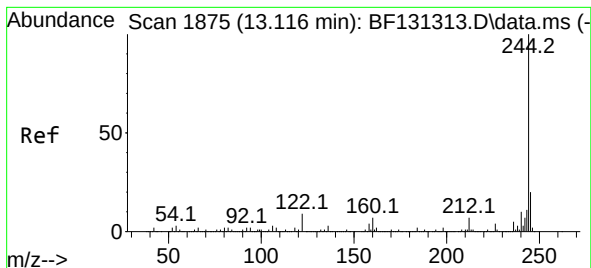


#78
Pyrene
Concen: 37.713 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



Tgt Ion:202 Resp: 692828
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 75.832 ng

RT: 13.098 min Scan# 1875

Delta R.T. -0.006 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

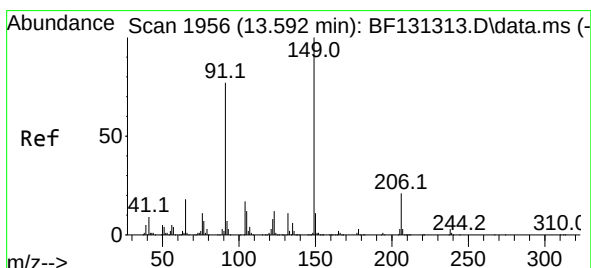
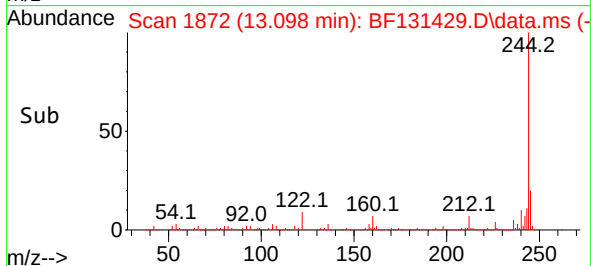
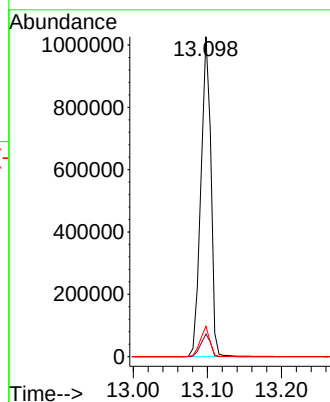
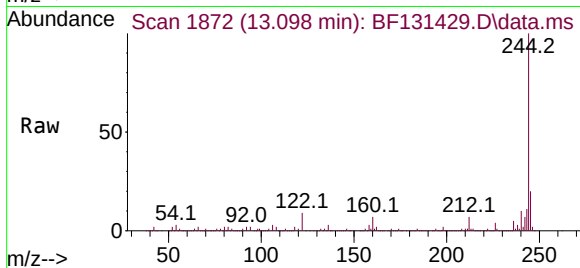
SSTDCCC040

Tgt Ion:244 Resp: 965573
 Ion Ratio Lower Upper
 244 100
 212 7.0 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: 40.091 ng

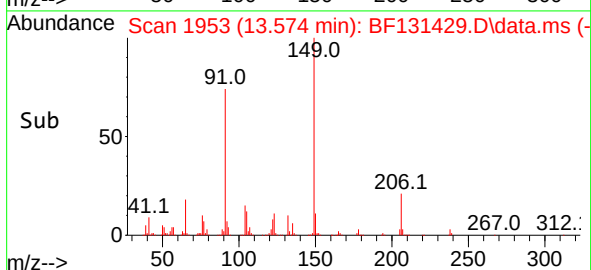
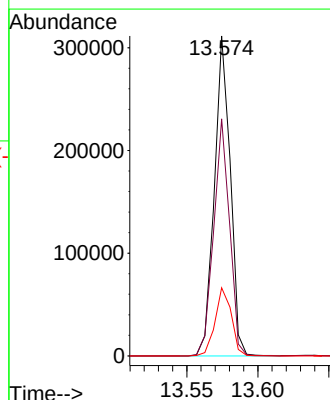
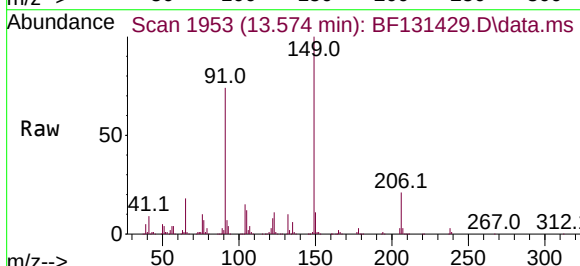
RT: 13.574 min Scan# 1953

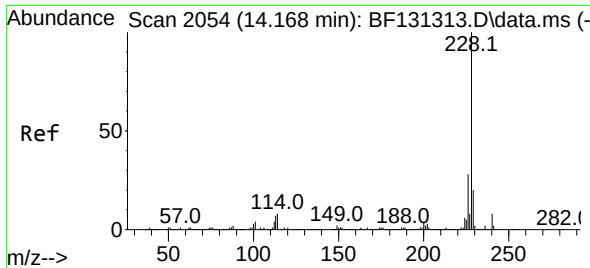
Delta R.T. -0.006 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

Tgt Ion:149 Resp: 243169
 Ion Ratio Lower Upper
 149 100
 91 74.1 61.9 92.9
 206 21.3 16.5 24.7





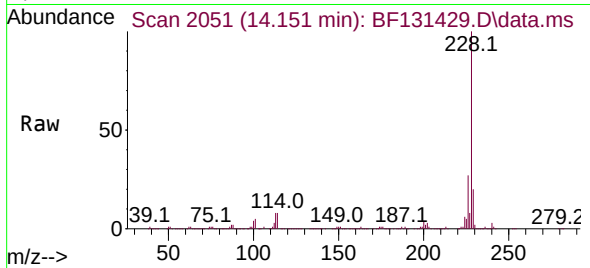
#81
Benzo(a)anthracene
Concen: 37.635 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

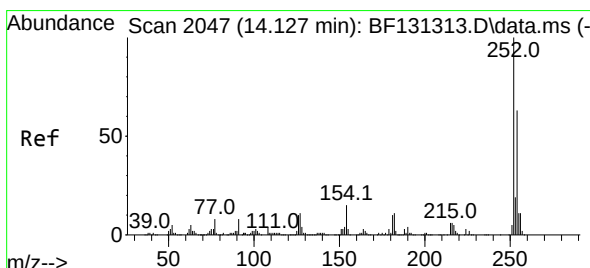
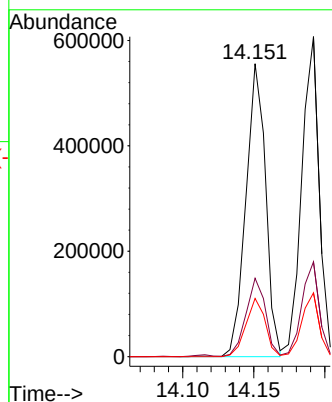
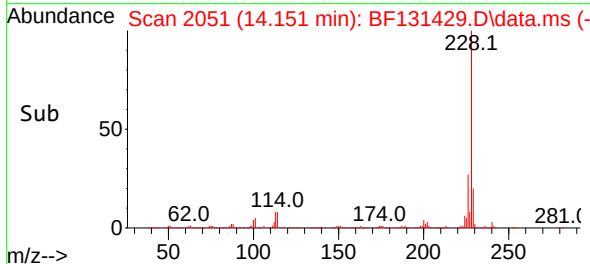


Tgt Ion:228 Resp: 537140
Ion Ratio Lower Upper
228 100
226 26.8 22.0 33.0
229 19.9 15.7 23.5

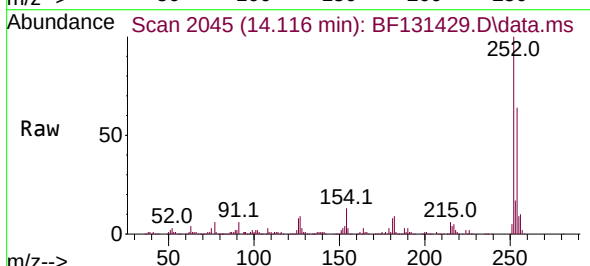
Manual Integrations

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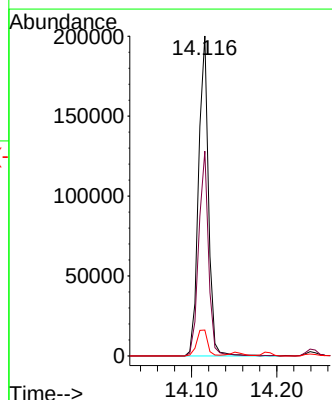
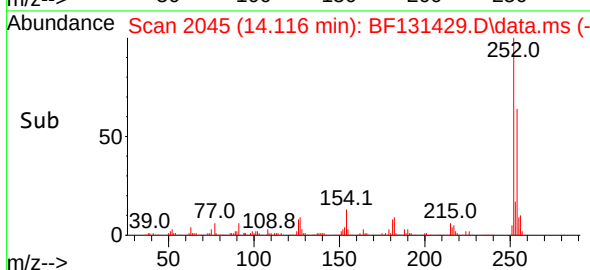
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

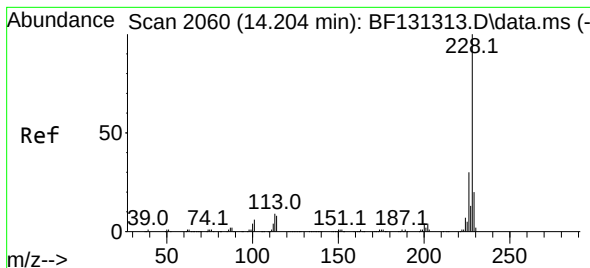


#82
3,3'-Dichlorobenzidine
Concen: 42.687 ng
RT: 14.116 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



Tgt Ion:252 Resp: 161667
Ion Ratio Lower Upper
252 100
254 64.0 50.8 76.2
126 8.1 8.3 12.5





#83

Chrysene

Concen: 37.698 ng

RT: 14.192 min Scan# 2058

Delta R.T. 0.000 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 527870

Ion Ratio Lower Upper

228 100

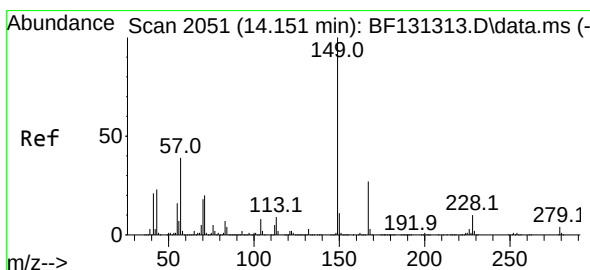
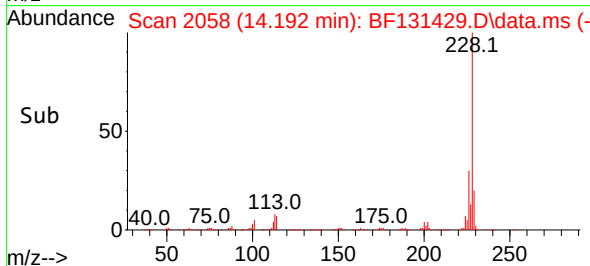
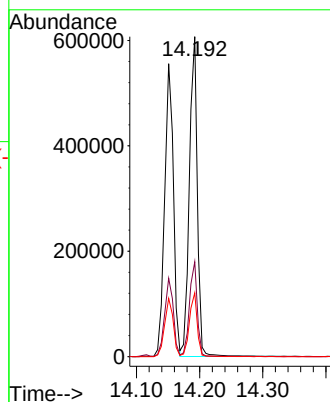
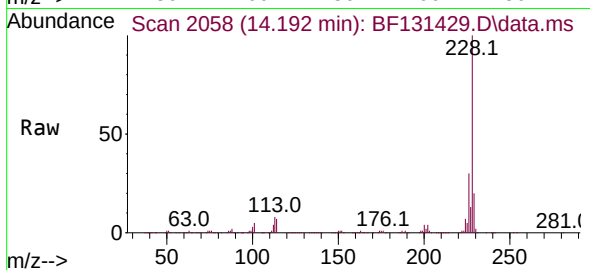
226 29.6 23.7 35.5

229 19.9 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: 35.004 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BF131429.D

Acq: 28 Nov 2022 14:54

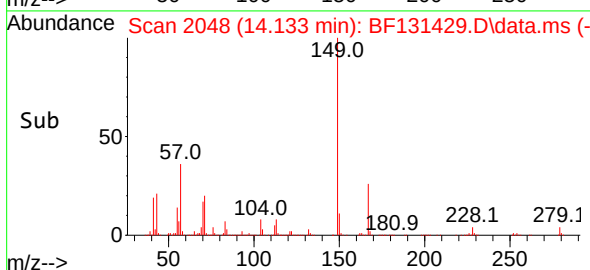
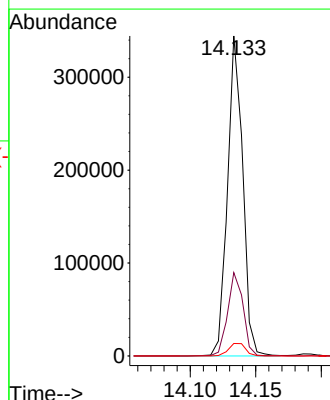
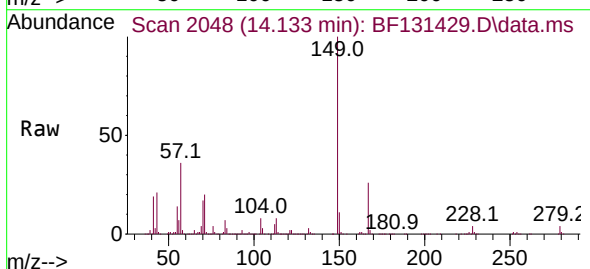
Tgt Ion:149 Resp: 278069

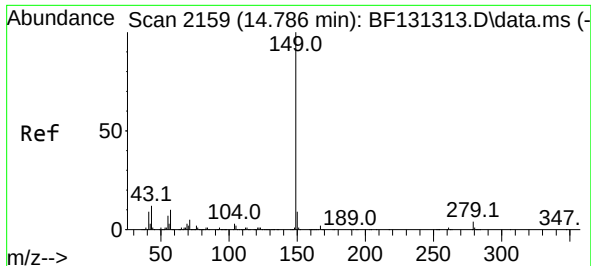
Ion Ratio Lower Upper

149 100

167 26.0 21.9 32.9

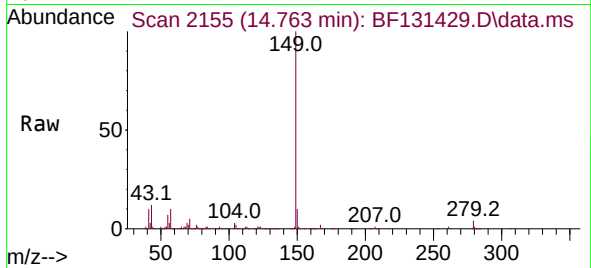
279 3.9 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 35.912 ng
RT: 14.763 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

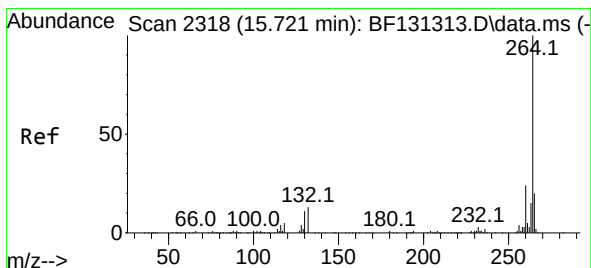
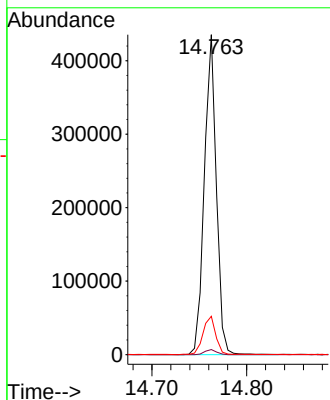
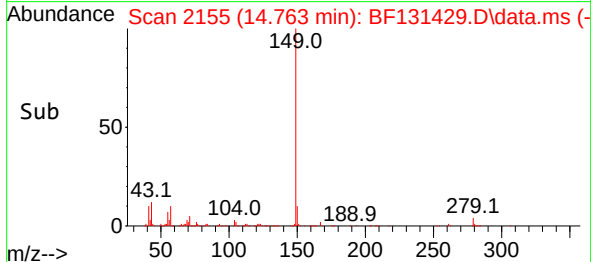
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



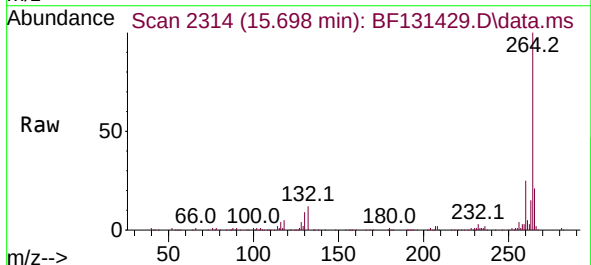
Tgt Ion:149 Resp: 384117
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.9 10.7 16.1

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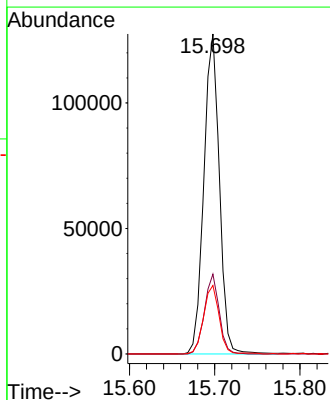
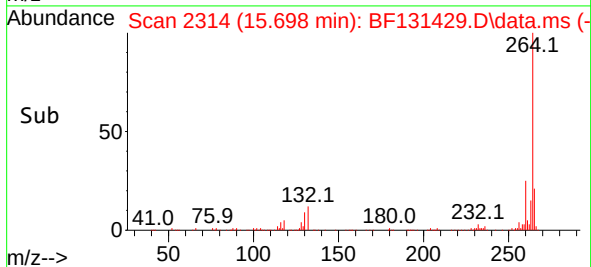
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

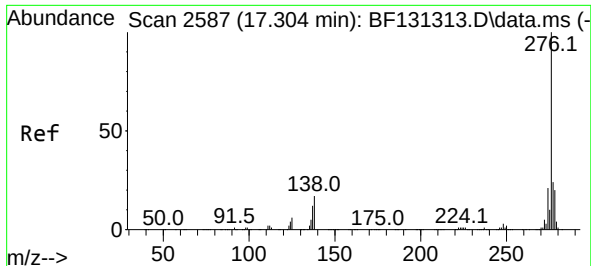


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



Tgt Ion:264 Resp: 161350
Ion Ratio Lower Upper
264 100
260 24.9 19.0 28.4
265 21.4 16.4 24.6





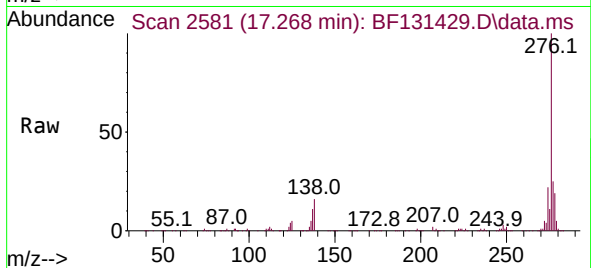
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.378 ng
RT: 17.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

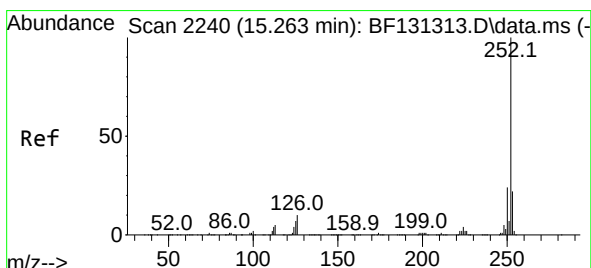
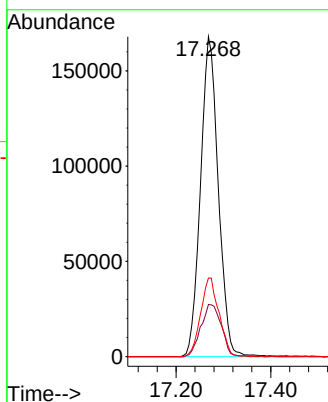
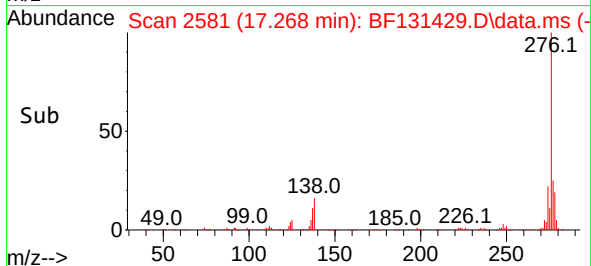


Tgt Ion:276 Resp: 437572
Ion Ratio Lower Upper
276 100
138 18.8 15.8 23.6
277 25.4 20.3 30.5

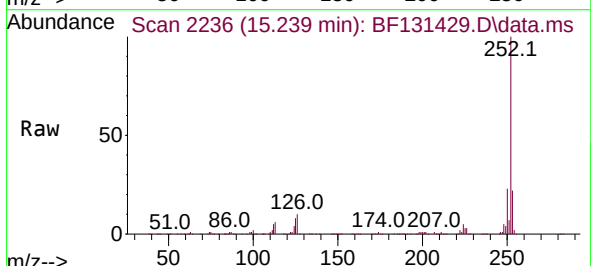
Manual Integrations

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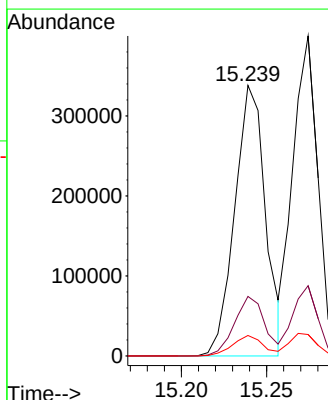
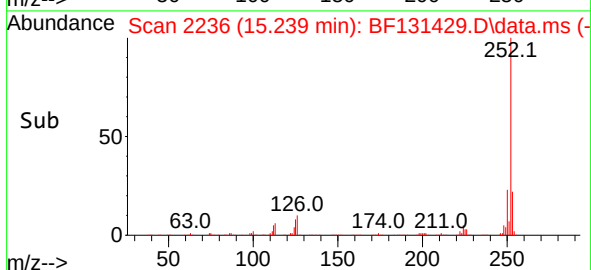
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

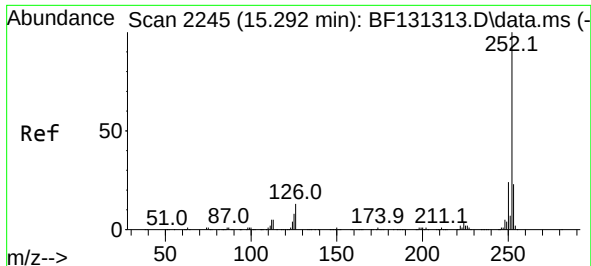


#88
Benzo(b)fluoranthene
Concen: 39.623 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



Tgt Ion:252 Resp: 424710
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 7.6 5.8 8.6





#89
Benzo(k)fluoranthene
Concen: 37.952 ng
RT: 15.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

Instrument :

BNA_F

ClientSampleId :

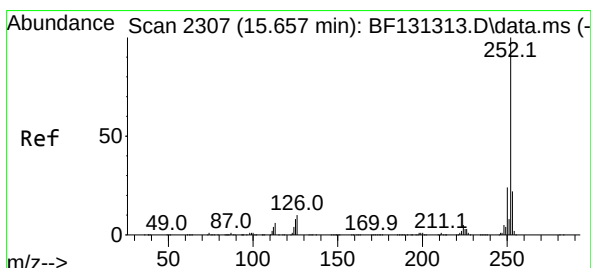
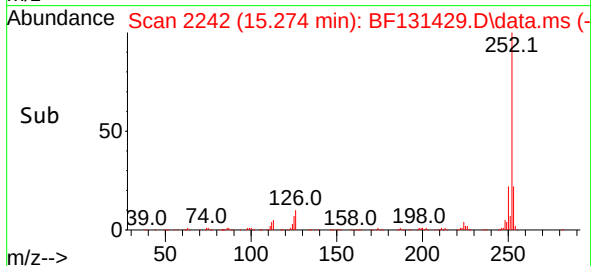
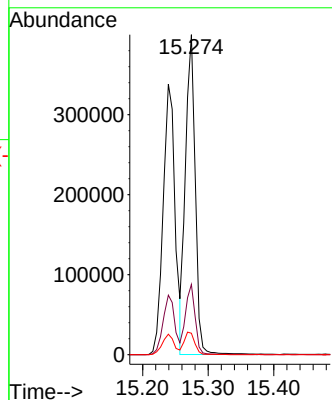
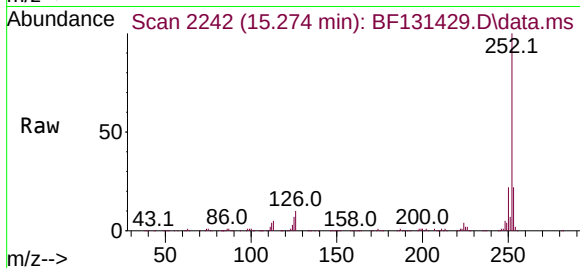
SSTDCCC040

Tgt Ion:252 Resp: 418053
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 6.7 6.6 10.0

Manual Integrations

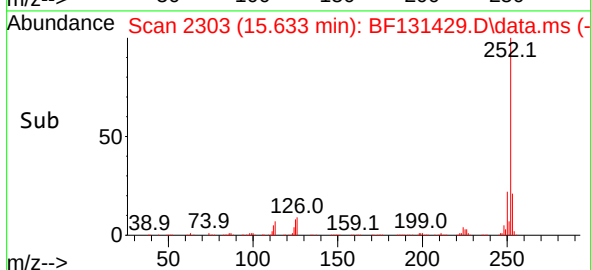
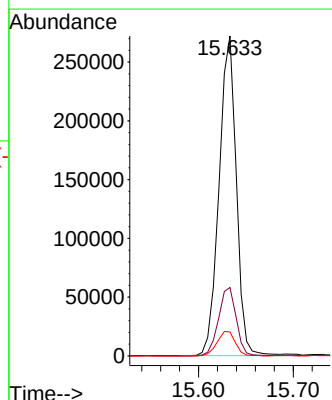
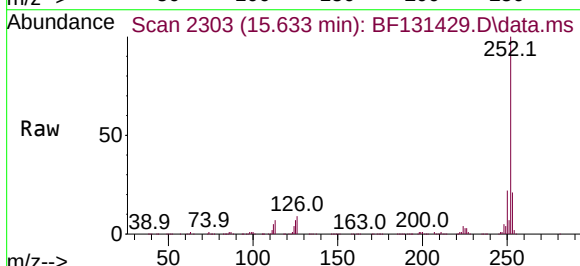
APPROVED

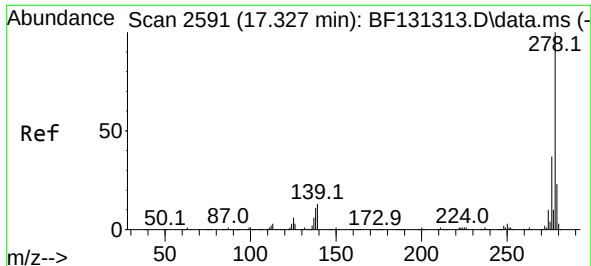
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#90
Benzo(a)pyrene
Concen: 39.149 ng
RT: 15.633 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

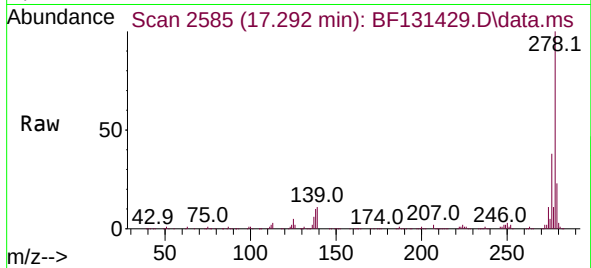
Tgt Ion:252 Resp: 344316
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 7.5 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 41.132 ng
RT: 17.292 min Scan# 2585
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54

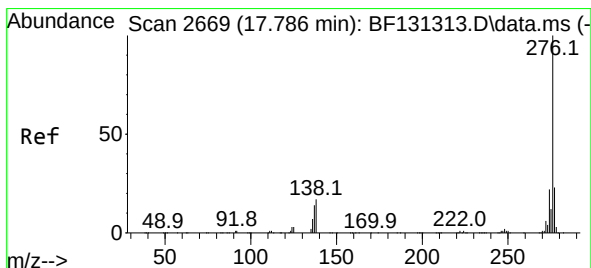
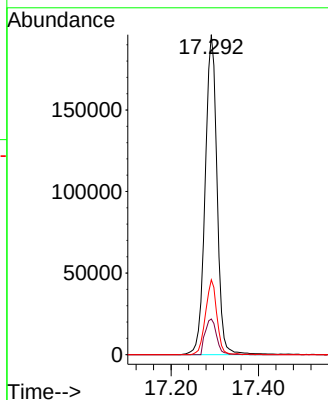
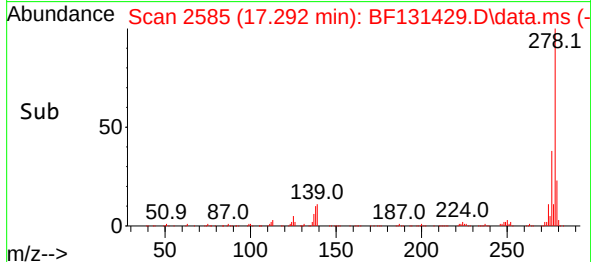
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



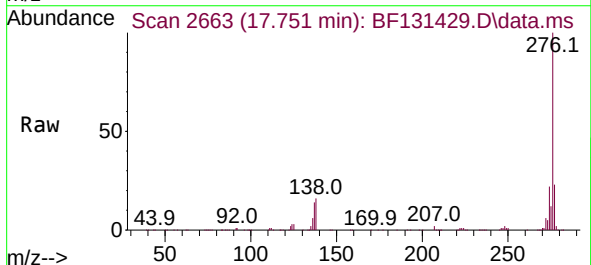
Tgt Ion:278 Resp: 368013
Ion Ratio Lower Upper
278 100
139 11.1 10.4 15.6
279 23.4 18.3 27.5

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 40.177 ng
RT: 17.751 min Scan# 2663
Delta R.T. -0.006 min
Lab File: BF131429.D
Acq: 28 Nov 2022 14:54



Tgt Ion:276 Resp: 358772
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 16.2 13.8 20.6

