

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
 Data File : BF134820.D
 Acq On : 17 Aug 2023 12:52
 Operator : CG\JU
 Sample : 04019-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081523MSD

Quant Time: Aug 18 01:05:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	141568	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	568222	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	258628	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	412216	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	277649	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	276060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	856425	91.960	ng	0.01
7) Phenol-d6	6.440	99	1087963	91.387	ng	0.00
23) Nitrobenzene-d5	7.363	82	660183	72.607	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	255942	97.078	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1154108	74.196	ng	0.00
79) Terphenyl-d14	12.916	244	1041550	66.131	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	167353	39.056	ng	# 93
3) Pyridine	3.369	79	427542	36.822	ng	91
4) n-Nitrosodimethylamine	3.334	42	222861	40.171	ng	# 59
6) Aniline	6.469	93	493115	31.580	ng	91
8) 2-Chlorophenol	6.587	128	467617	49.775	ng	95
9) Benzaldehyde	6.357	77	199572	32.533	ng	91
10) Phenol	6.457	94	549207m	46.813	ng	
11) bis(2-Chloroethyl)ether	6.540	93	430068	46.146	ng	94
12) 1,3-Dichlorobenzene	6.740	146	479453	49.326	ng	96
13) 1,4-Dichlorobenzene	6.822	146	481582	49.436	ng	96
14) 1,2-Dichlorobenzene	6.969	146	466280	51.372	ng	95
15) Benzyl Alcohol	6.945	79	391903	47.718	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.081	45	650299	44.538	ng	90
17) 2-Methylphenol	7.057	107	370701	44.653	ng	93
18) Hexachloroethane	7.310	117	165976	48.545	ng	92
19) n-Nitroso-di-n-propyla...	7.216	70	297125	41.685	ng	93
20) 3+4-Methylphenols	7.210	107	420546	42.005	ng	# 88
22) Acetophenone	7.210	105	570678	43.504	ng	# 92
24) Nitrobenzene	7.387	77	468647	47.708	ng	92
25) Isophorone	7.622	82	852876	43.005	ng	99
26) 2-Nitrophenol	7.698	139	233003	54.969	ng	# 90
27) 2,4-Dimethylphenol	7.739	122	371254	41.955	ng	86
28) bis(2-Chloroethoxy)met...	7.834	93	523063	44.090	ng	99
29) 2,4-Dichlorophenol	7.939	162	366288	45.608	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	405519	47.350	ng	97
31) Naphthalene	8.104	128	1254364	43.924	ng	99
32) Benzoic acid	7.863	122	278365m	48.188	ng	
33) 4-Chloroaniline	8.151	127	252188	19.819	ng	97
34) Hexachlorobutadiene	8.216	225	235899	47.752	ng	95
35) Caprolactam	8.528	113	116985m	45.148	ng	
36) 4-Chloro-3-methylphenol	8.639	107	375677	44.169	ng	90
37) 2-Methylnaphthalene	8.792	142	789401	41.703	ng	100
38) 1-Methylnaphthalene	8.892	142	746110	42.388	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	381069	50.669	ng	99
41) Hexachlorocyclopentadiene	8.945	237	210668	57.603	ng	91
43) 2,4,6-Trichlorophenol	9.075	196	244956	49.768	ng	95

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Manual Integrations
 APPROVED

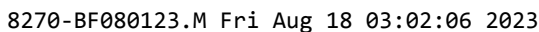
Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023

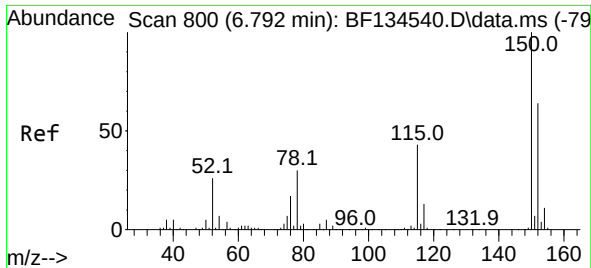
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	253898	45.134	ng	92
46) 1,1'-Biphenyl	9.257	154	970708	48.266	ng	98
47) 2-Chloronaphthalene	9.286	162	721596	47.884	ng	97
48) 2-Nitroaniline	9.381	65	227125	48.321	ng	91
49) Acenaphthylene	9.698	152	1099680	46.424	ng	99
50) Dimethylphthalate	9.563	163	864193	49.026	ng	98
51) 2,6-Dinitrotoluene	9.628	165	187003	51.581	ng	# 78
52) Acenaphthene	9.869	154	719239m	46.853	ng	
53) 3-Nitroaniline	9.792	138	158455	40.330	ng	96
54) 2,4-Dinitrophenol	9.904	184	109555	77.470	ng	# 82
55) Dibenzofuran	10.045	168	957012	43.793	ng	94
56) 4-Nitrophenol	9.957	139	270913	84.307	ng	# 78
57) 2,4-Dinitrotoluene	10.033	165	227148	51.829	ng	# 79
58) Fluorene	10.386	166	709315	44.563	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.163	232	205173m	46.101	ng	
60) Diethylphthalate	10.263	149	783265	46.879	ng	97
61) 4-Chlorophenyl-phenyle...	10.380	204	357368	45.677	ng	94
62) 4-Nitroaniline	10.410	138	166473	43.229	ng	# 83
63) Azobenzene	10.539	77	726729	40.483	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	78153	47.106	ng	# 79
66) n-Nitrosodiphenylamine	10.498	169	644039	49.086	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	225460	49.964	ng	97
68) Hexachlorobenzene	10.933	284	238144	49.977	ng	98
69) Atrazine	11.033	200	210206	59.440	ng	99
70) Pentachlorophenol	11.127	266	227989	77.275	ng	96
71) Phenanthrene	11.351	178	1109415	50.669	ng	99
72) Anthracene	11.404	178	1041729	46.579	ng	99
73) Carbazole	11.557	167	894999	44.819	ng	99
74) Di-n-butylphthalate	11.892	149	1057542	49.849	ng	99
75) Fluoranthene	12.545	202	1168550	50.525	ng	98
77) Benzidine	12.669	184	490387	81.363	ng	99
78) Pyrene	12.774	202	1141493	47.512	ng	97
80) Butylbenzylphthalate	13.398	149	396145	48.762	ng	# 96
81) Benzo(a)anthracene	13.968	228	905018	45.585	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	302944	52.643	ng	96
83) Chrysene	14.004	228	870842	45.023	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	497180	52.004	ng	98
85) Di-n-octyl phthalate	14.580	149	977580	67.241	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	781748	48.150	ng	# 93
88) Benzo(b)fluoranthene	15.021	252	913618	54.264	ng	# 98
89) Benzo(k)fluoranthene	15.051	252	785845	46.854	ng	98
90) Benzo(a)pyrene	15.386	252	757249	48.238	ng	# 96
91) Dibenzo(a,h)anthracene	16.968	278	616247	46.966	ng	# 96
92) Benzo(g,h,i)perylene	17.398	276	598595	44.724	ng	# 92

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

Manual Integrations APPROVED

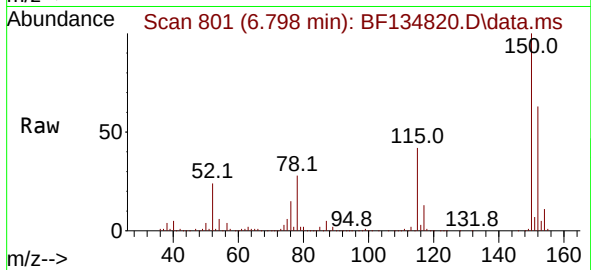
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134820.D
 Acq: 17 Aug 2023 12:52

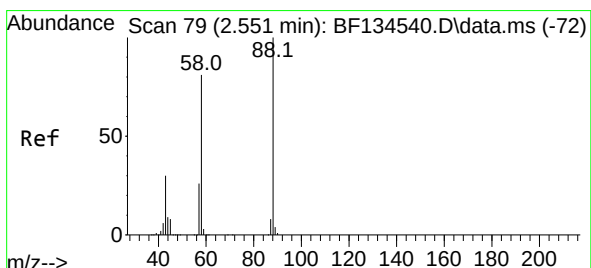
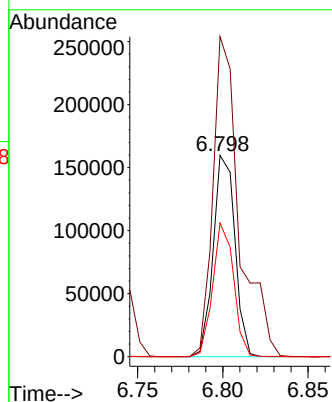
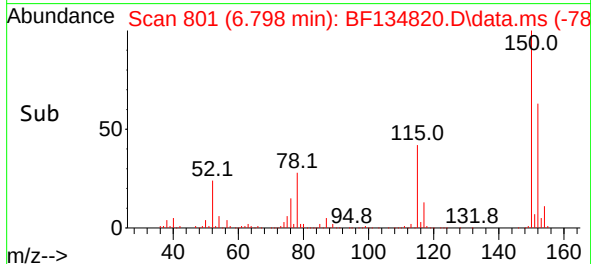
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081523MSD



Tgt Ion:152 Resp: 14156
 Ion Ratio Lower Upper
 152 100
 150 159.0 128.3 192.5
 115 66.4 52.4 78.6

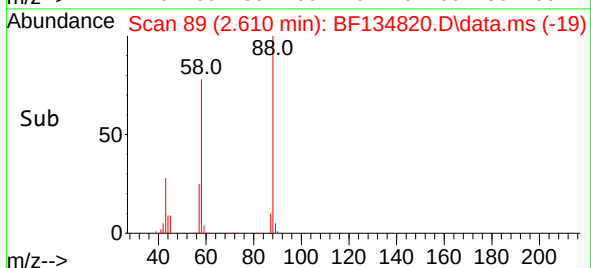
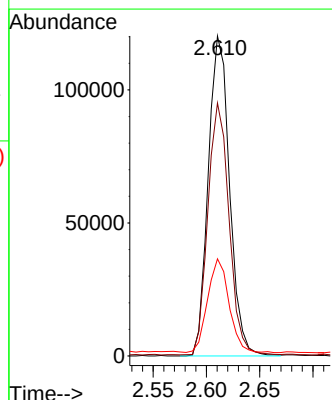
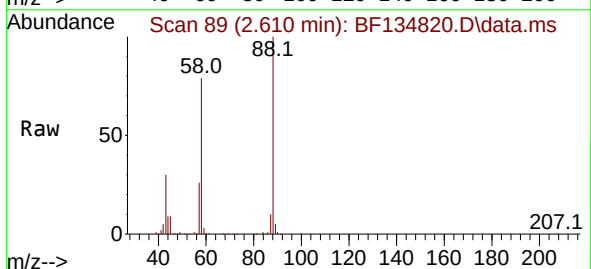
Manual Integrations
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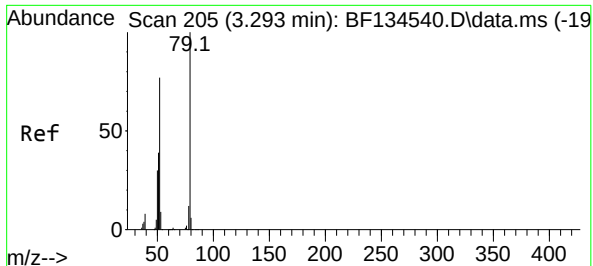
Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023



#2
 1,4-Dioxane
 Concen: 39.056 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.059 min
 Lab File: BF134820.D
 Acq: 17 Aug 2023 12:52

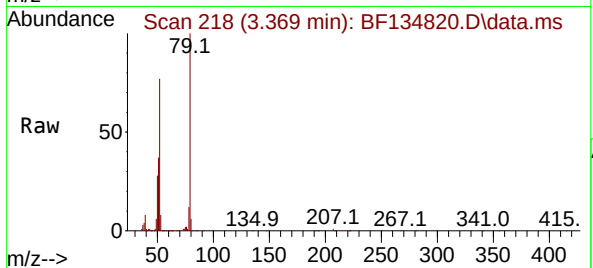
Tgt Ion: 88 Resp: 167353
 Ion Ratio Lower Upper
 88 100
 58 78.0 65.1 97.7
 43 29.4 30.3 45.5





#3
Pyridine
Concen: 36.822 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.065 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

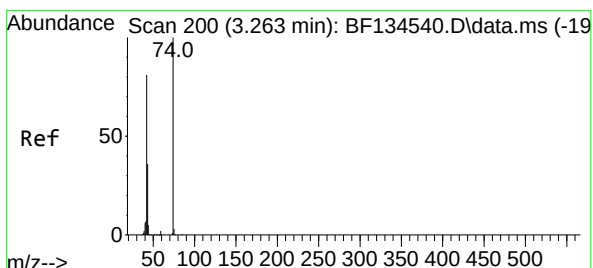
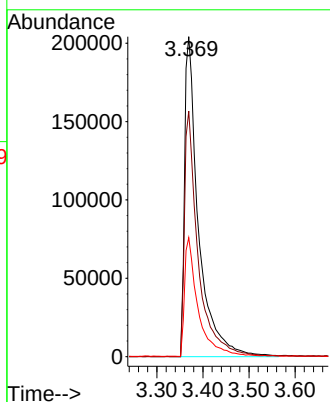
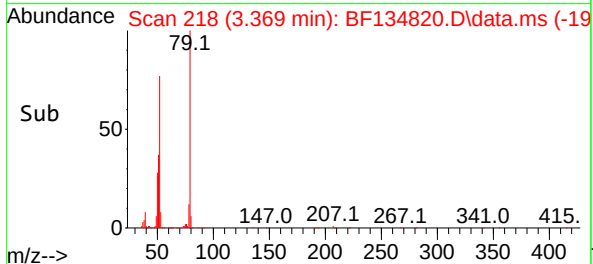
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



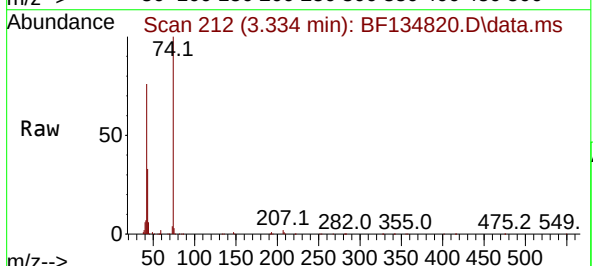
Tgt Ion: 79 Resp: 427542
Ion Ratio Lower Upper
79 100
52 76.8 66.6 100.0
51 37.2 36.5 54.7

Manual Integrations
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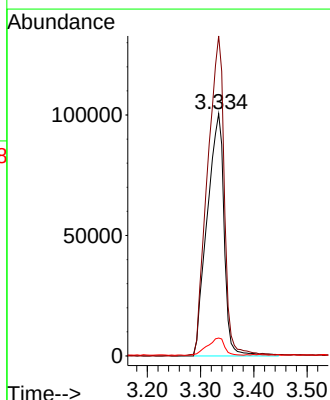
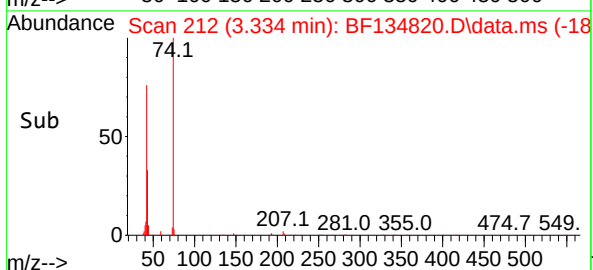
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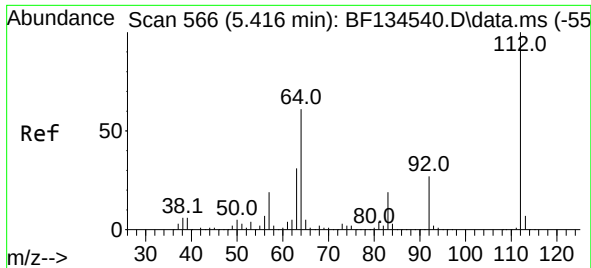


#4
n-Nitrosodimethylamine
Concen: 40.171 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.053 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52



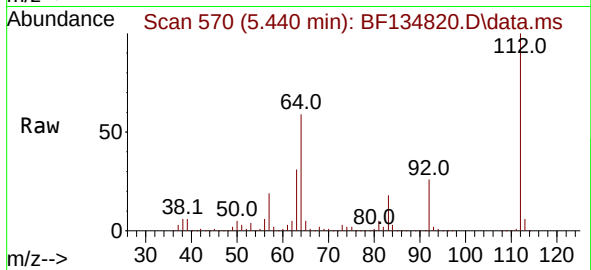
Tgt Ion: 42 Resp: 222861
Ion Ratio Lower Upper
42 100
74 132.1 72.2 108.4#
44 7.4 5.4 8.0





#5
2-Fluorophenol
Concen: 91.960 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

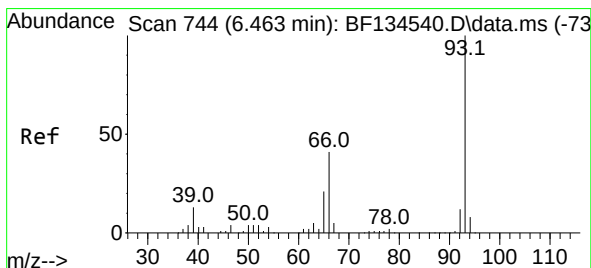
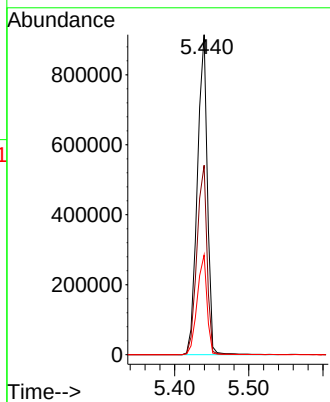
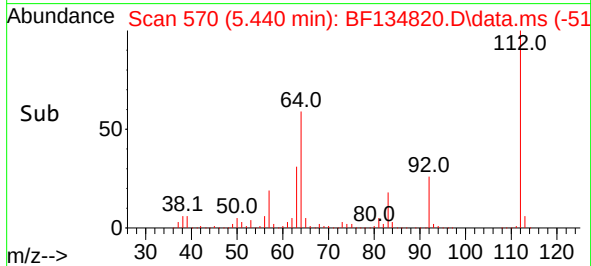
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:112 Resp: 856429
Ion Ratio Lower Upper
112 100
64 59.2 44.9 67.3
63 31.2 25.4 38.0

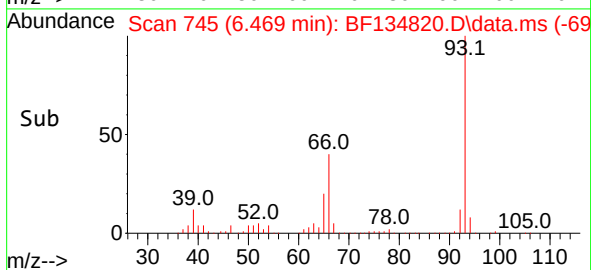
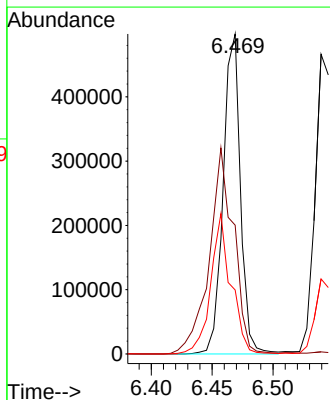
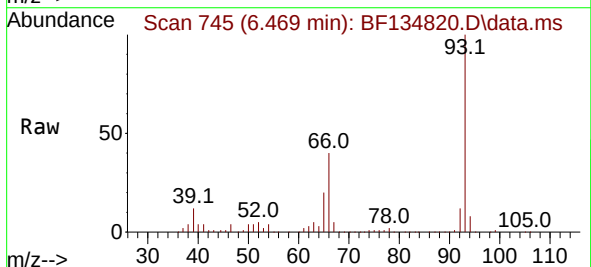
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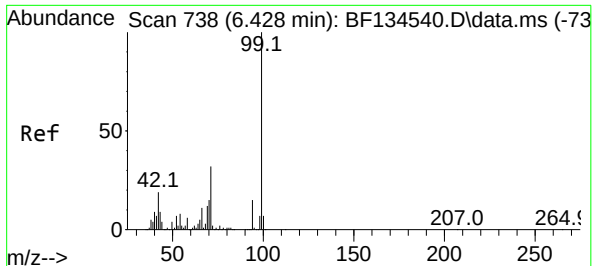
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#6
Aniline
Concen: 31.580 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

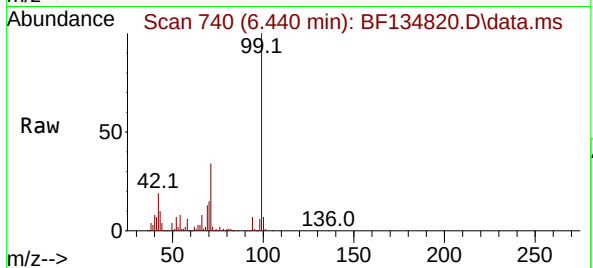
Tgt Ion: 93 Resp: 493115
Ion Ratio Lower Upper
93 100
66 40.2 36.8 55.2
65 20.0 19.4 29.0





#7
Phenol-d6
Concen: 91.387 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

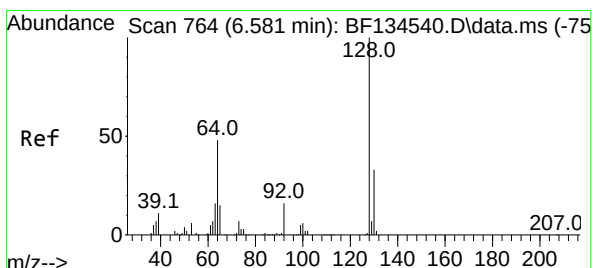
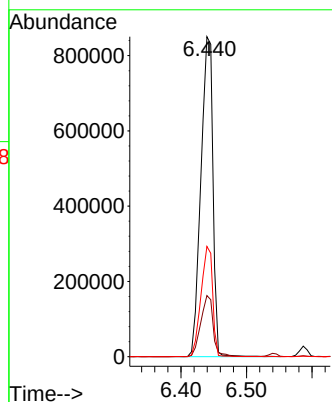
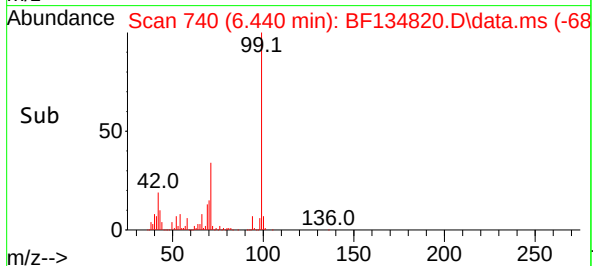
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Tgt Ion: 99 Resp: 108796
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 34.4 36.4 54.6

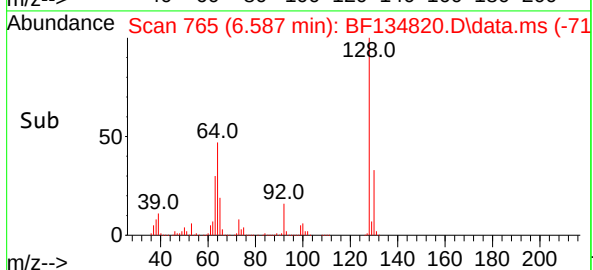
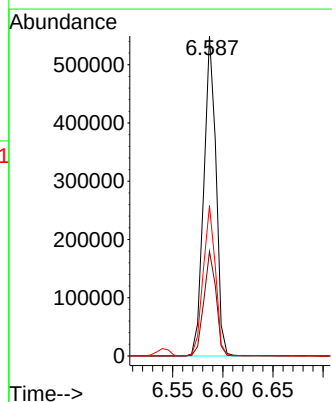
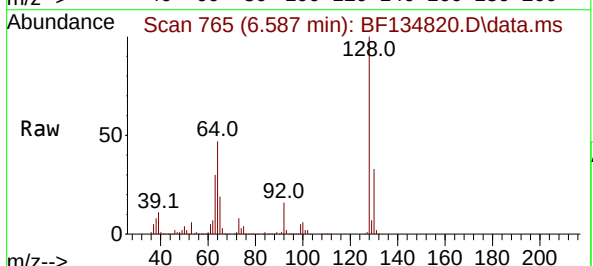
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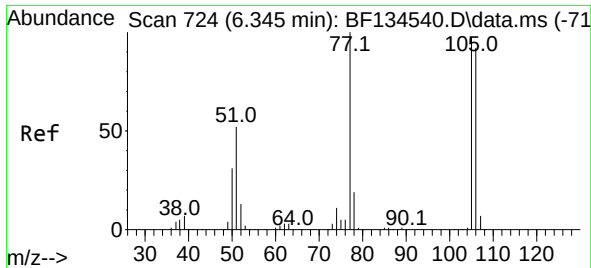
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#8
2-Chlorophenol
Concen: 49.775 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Tgt Ion:128 Resp: 467617
Ion Ratio Lower Upper
128 100
130 32.6 11.1 51.1
64 47.0 31.9 71.9





#9

Benzaldehyde

Concen: 32.533 ng

RT: 6.357 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

Instrument :

BNA_F

ClientSampleId :

EO-02-081523MSD

Tgt Ion: 77 Resp: 199572

Ion Ratio Lower Upper

77 100

105 105.9 77.1 117.1

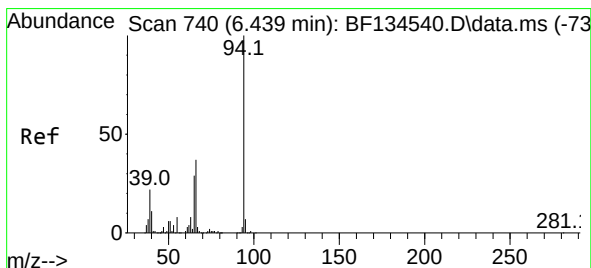
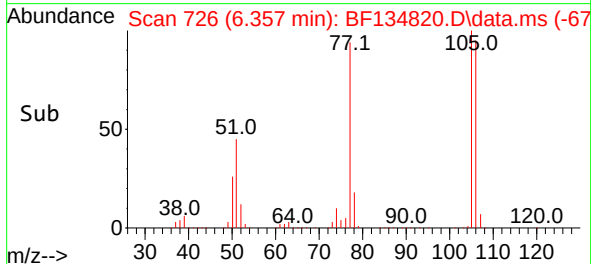
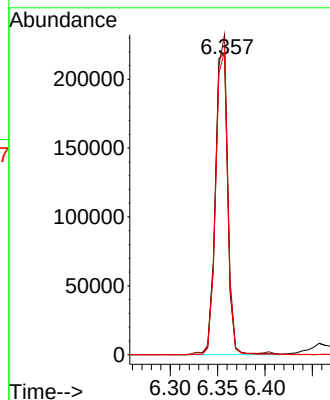
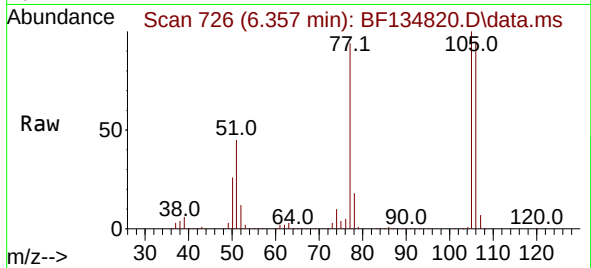
106 100.4 71.4 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#10

Phenol

Concen: 46.813 ng m

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

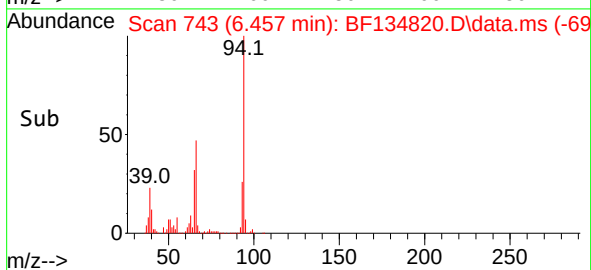
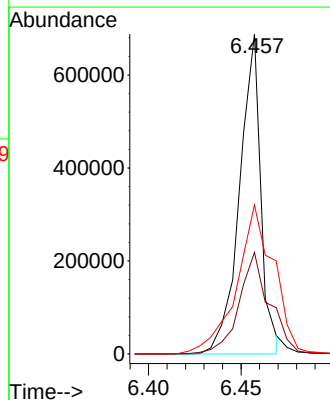
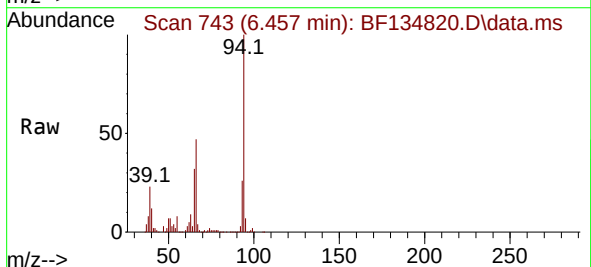
Tgt Ion: 94 Resp: 549207

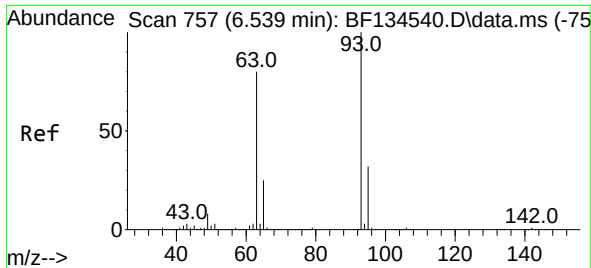
Ion Ratio Lower Upper

94 100

65 31.7 17.8 57.8

66 46.6 35.2 75.2





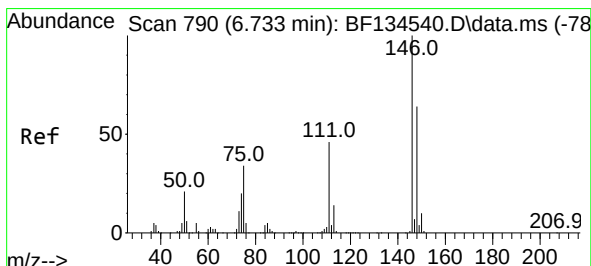
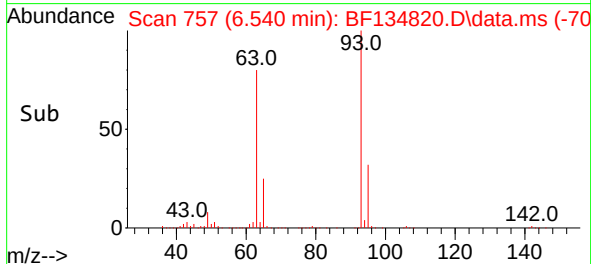
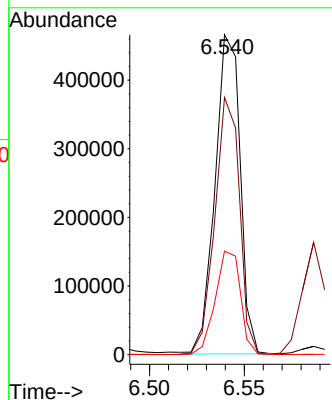
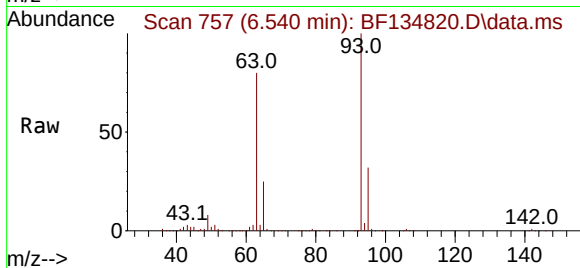
#11
bis(2-Chloroethyl)ether
Concen: 46.146 ng
RT: 6.540 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD

Tgt Ion: 93 Resp: 430068
Ion Ratio Lower Upper
93 100
63 80.4 68.4 108.4
95 32.3 12.4 52.4

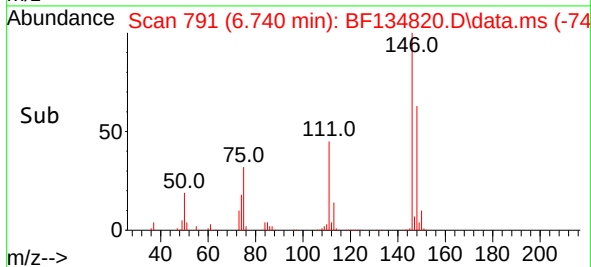
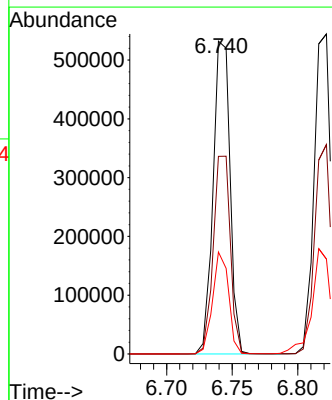
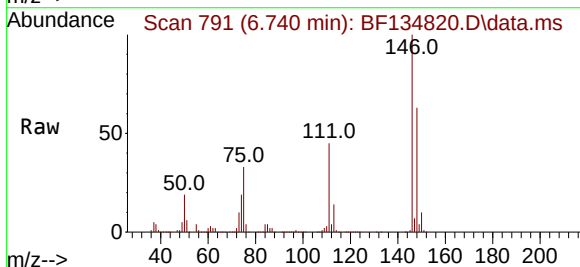
Manual Integrations
APPROVED

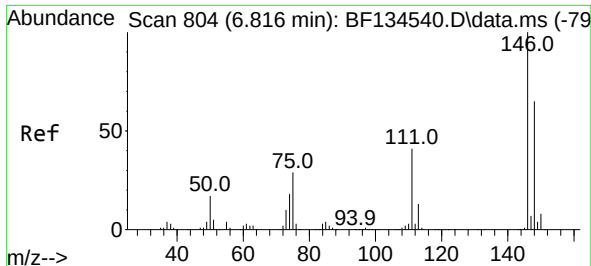
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#12
1,3-Dichlorobenzene
Concen: 49.326 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

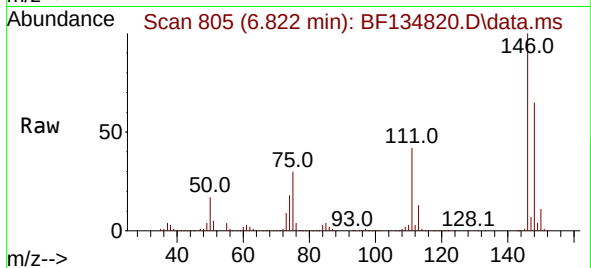
Tgt Ion:146 Resp: 479453
Ion Ratio Lower Upper
146 100
148 63.2 49.7 74.5
75 32.6 29.5 44.3





#13
1,4-Dichlorobenzene
Concen: 49.436 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

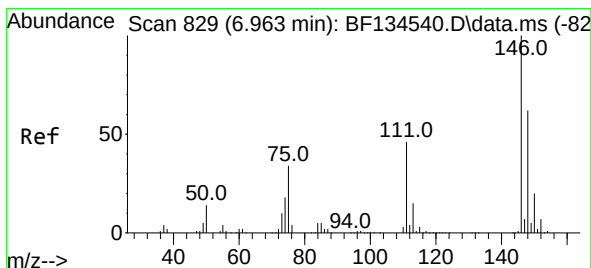
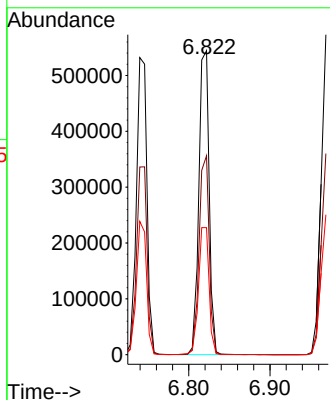
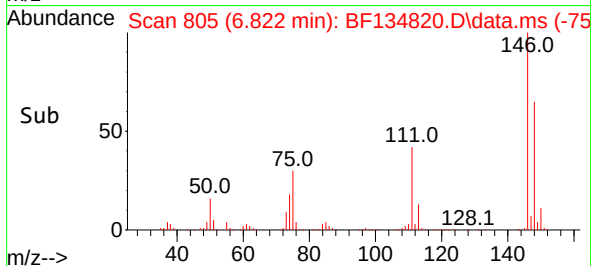
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:146 Resp: 48158
Ion Ratio Lower Upper
146 100
148 65.4 51.3 76.9
111 41.8 36.6 55.0

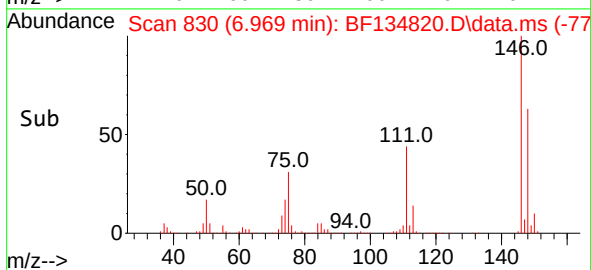
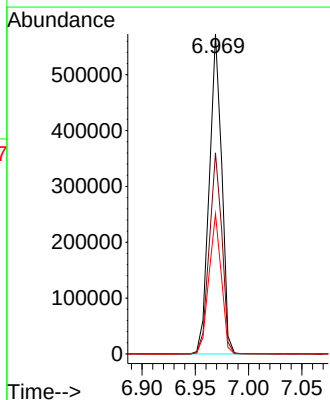
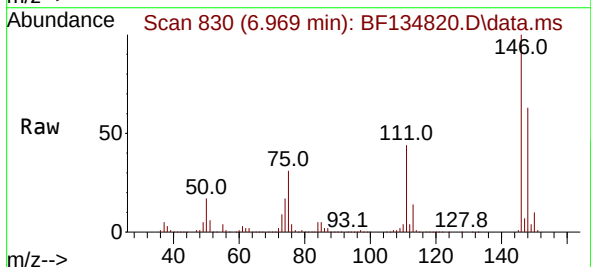
Manual Integrations
APPROVED

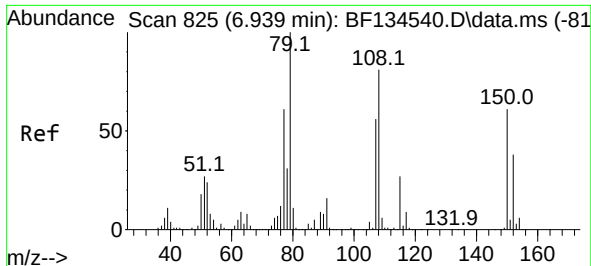
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#14
1,2-Dichlorobenzene
Concen: 51.372 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

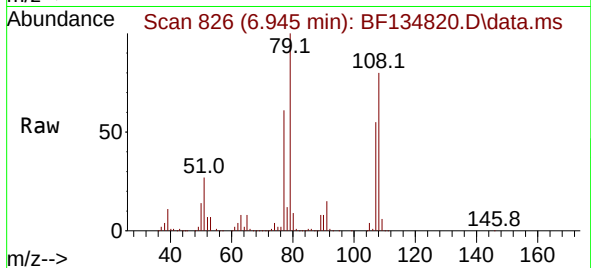
Tgt Ion:146 Resp: 466280
Ion Ratio Lower Upper
146 100
148 62.8 51.2 76.8
111 43.8 39.9 59.9





#15
Benzyl Alcohol
Concen: 47.718 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

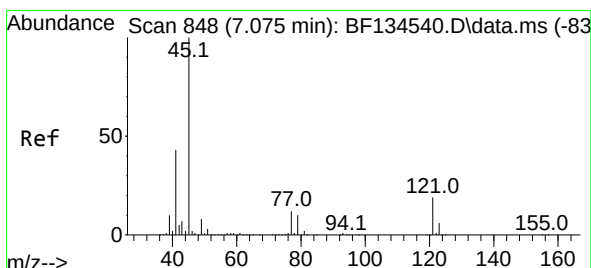
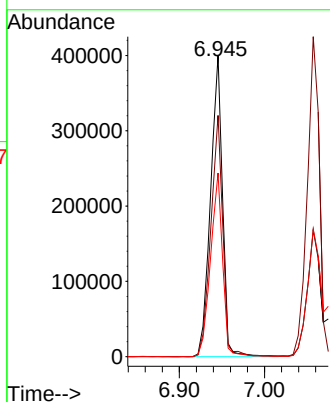
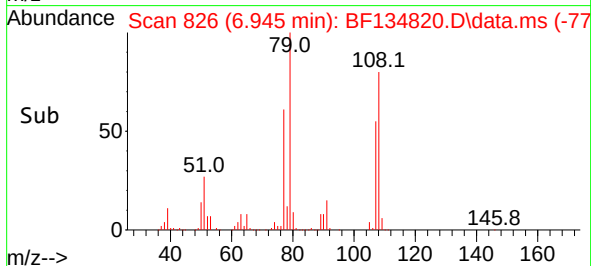
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion: 79 Resp: 39190
Ion Ratio Lower Upper
79 100
108 80.1 56.3 84.5
77 61.0 50.6 76.0

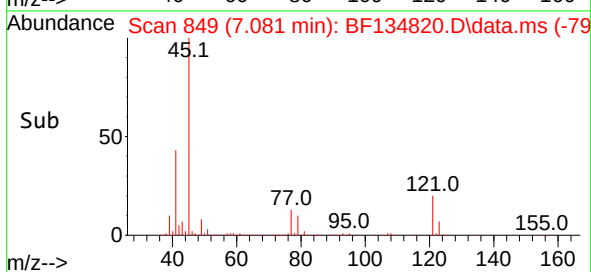
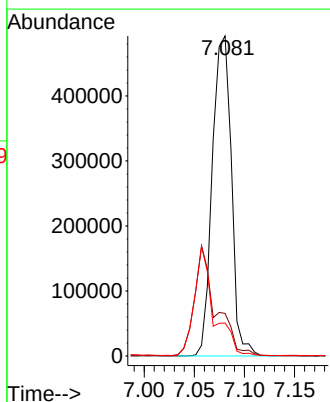
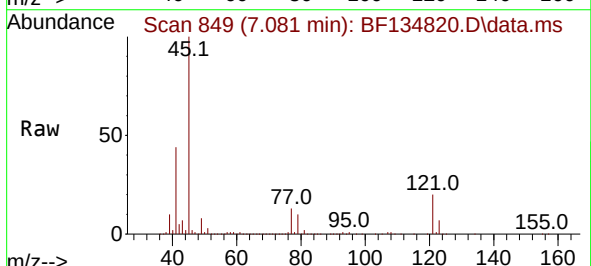
Manual Integrations
APPROVED

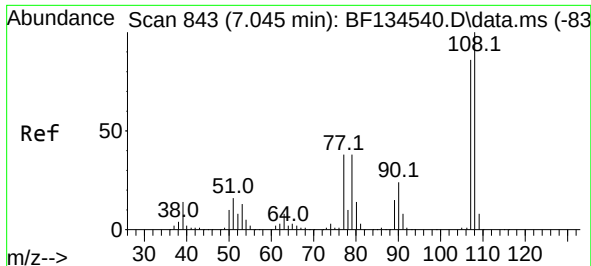
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.538 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

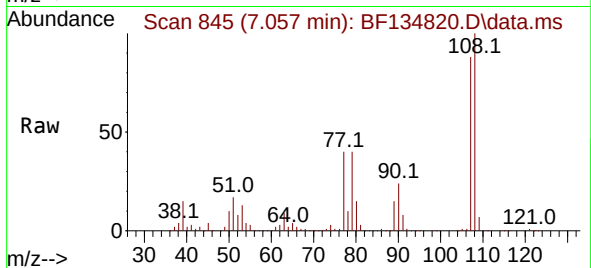
Tgt Ion: 45 Resp: 650299
Ion Ratio Lower Upper
45 100
77 13.3 0.0 37.8
79 10.3 0.0 34.5





#17
2-Methylphenol
Concen: 44.653 ng
RT: 7.057 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

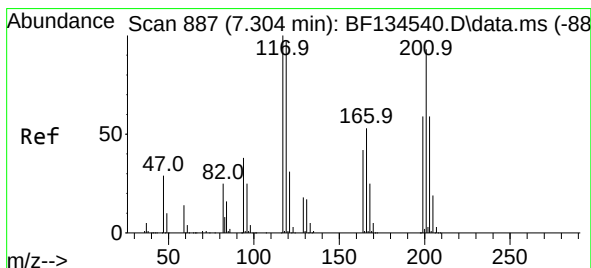
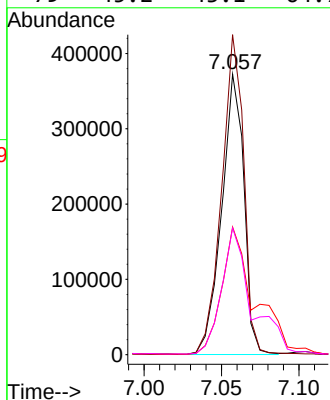
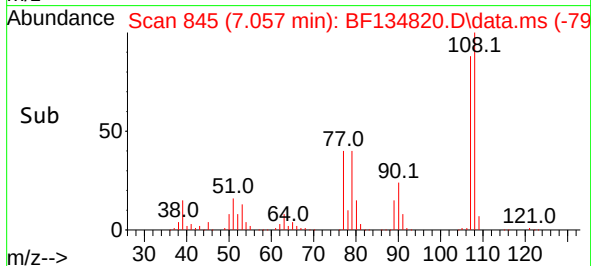
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:107 Resp: 37070
Ion Ratio Lower Upper
107 100
108 114.1 89.4 134.2
77 45.5 42.4 63.6
79 45.2 43.1 64.7

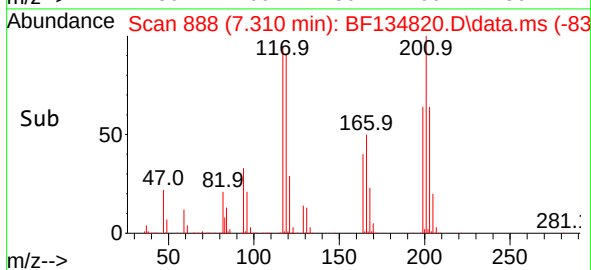
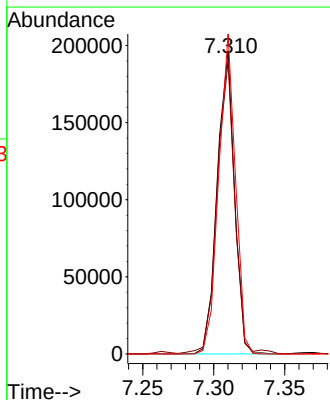
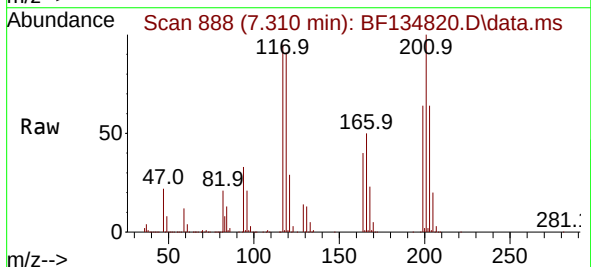
Manual Integrations
APPROVED

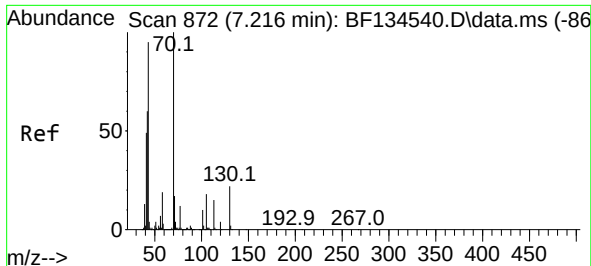
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#18
Hexachloroethane
Concen: 48.545 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

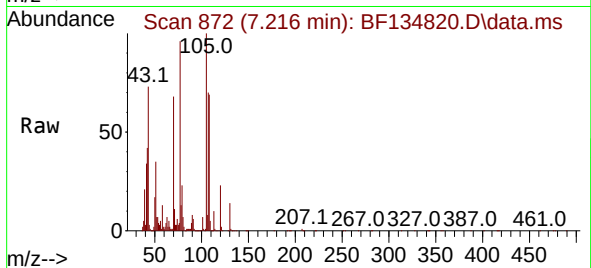
Tgt Ion:117 Resp: 165976
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 105.5 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.685 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD

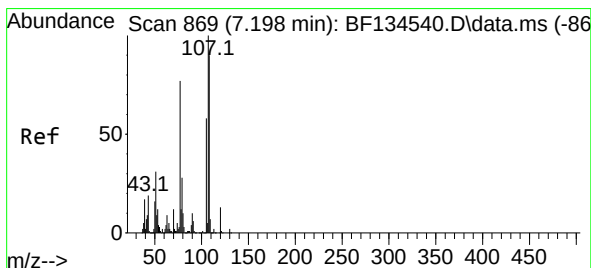
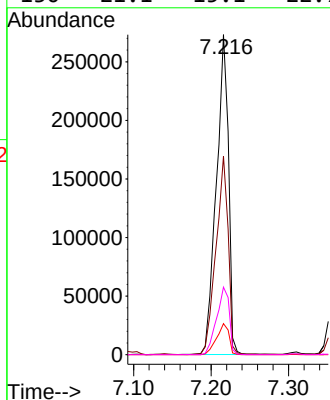
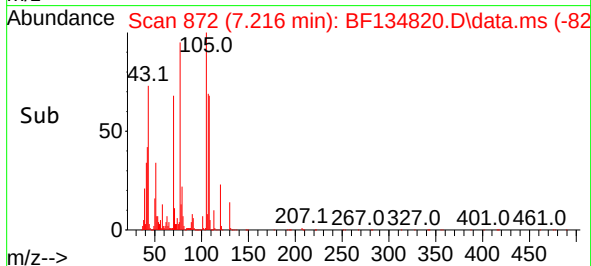


Tgt Ion: 70 Resp: 29712

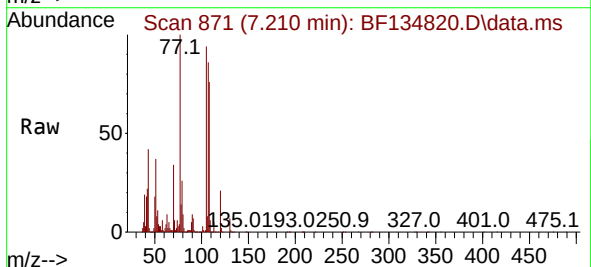
Ion	Ratio	Lower	Upper
70	100		
42	62.0	54.7	82.1
101	9.7	8.2	12.2
130	21.1	15.1	22.7

Manual Integrations
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Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

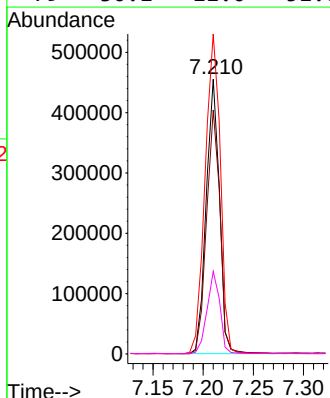
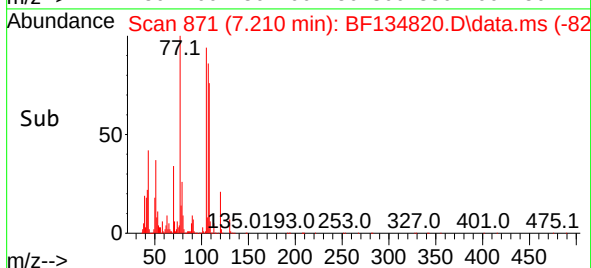


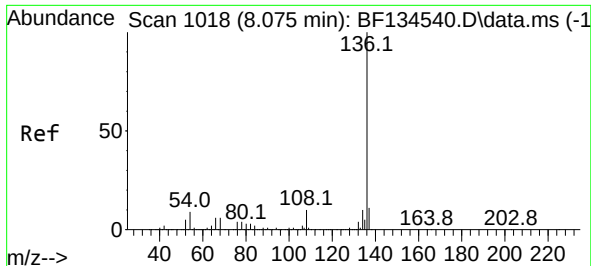
#20
3+4-Methylphenols
Concen: 42.005 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52



Tgt Ion:107 Resp: 420546

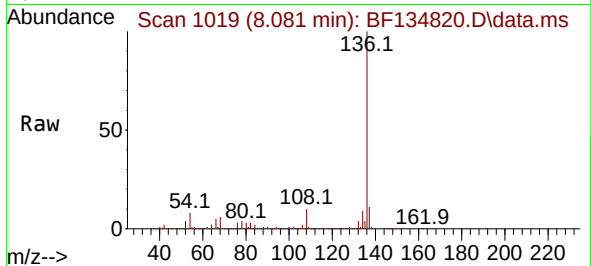
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.1	108.1
77	116.5	122.1	162.1#
79	30.1	11.0	51.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

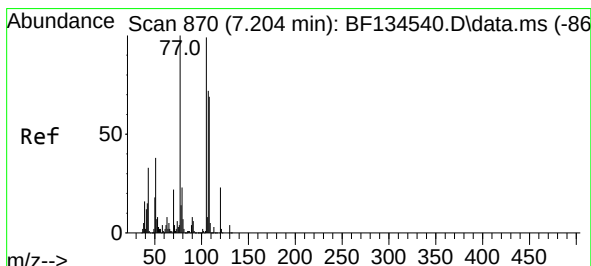
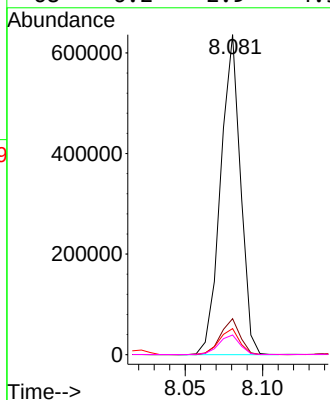
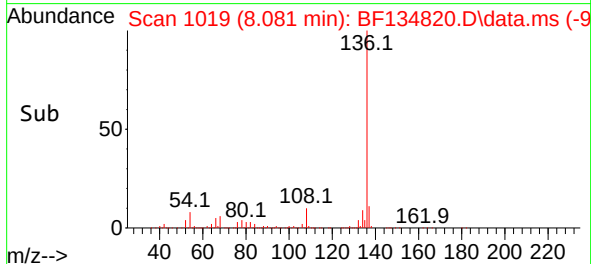
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:136 Resp: 56822
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.2 5.2 7.8
68 6.2 2.9 4.3#

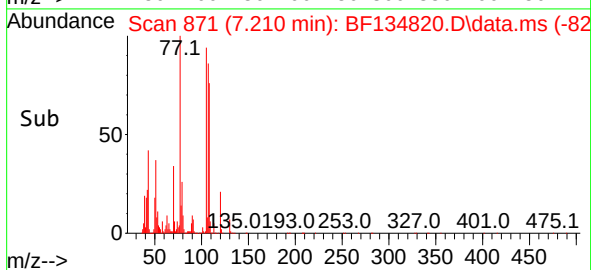
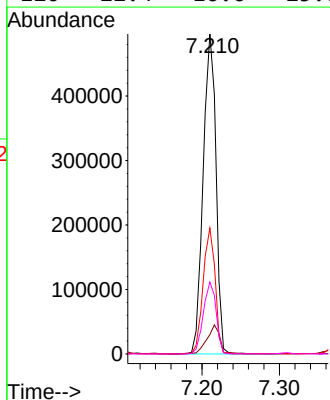
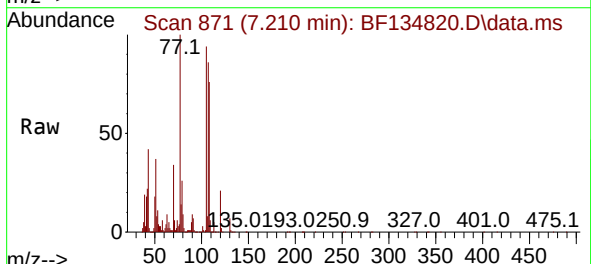
Manual Integrations
APPROVED

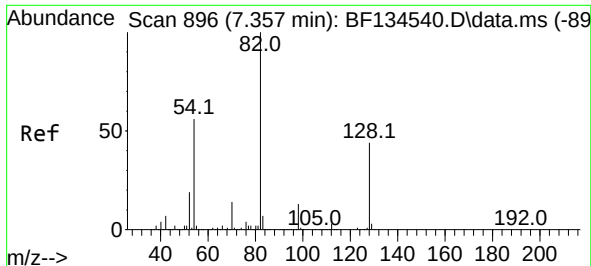
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#22
Acetophenone
Concen: 43.504 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Tgt Ion:105 Resp: 570678
Ion Ratio Lower Upper
105 100
71 6.0 7.4 11.0#
51 39.3 36.4 54.6
120 22.4 16.6 25.0





#23

Nitrobenzene-d5

Concen: 72.607 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

Instrument :

BNA_F

ClientSampleId :

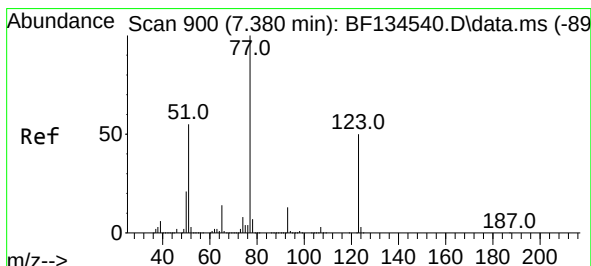
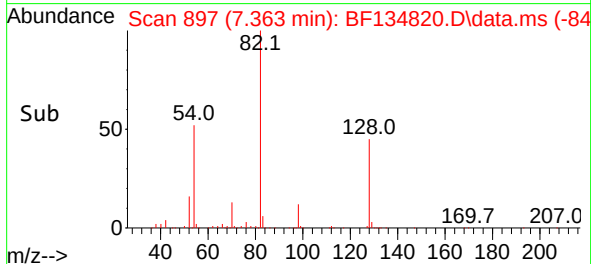
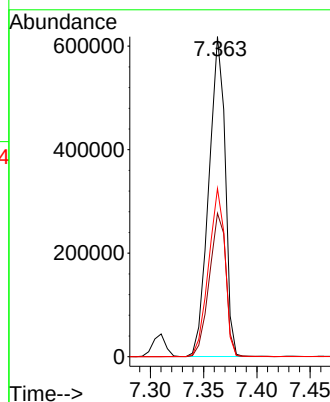
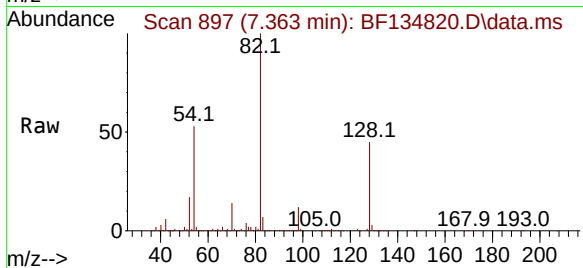
EO-02-081523MSD

Tgt Ion:	82	Resp:	66018
Ion Ratio	Lower	Upper	
82	100		
128	44.8	34.3	51.5
54	52.5	43.8	65.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#24

Nitrobenzene

Concen: 47.708 ng

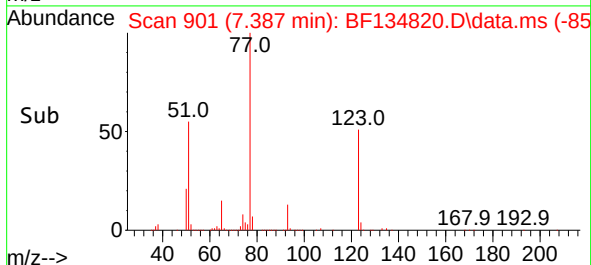
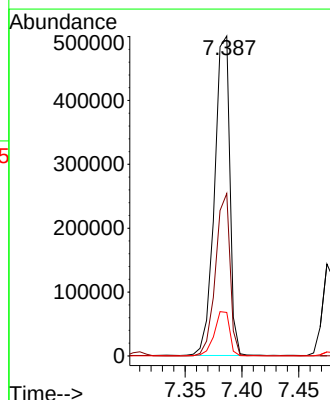
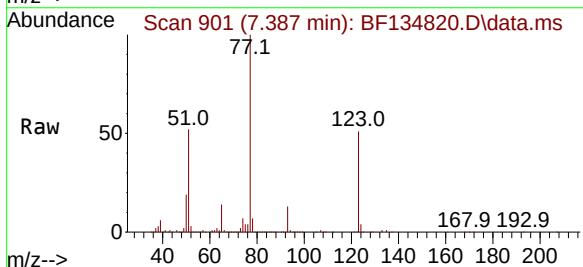
RT: 7.387 min Scan# 901

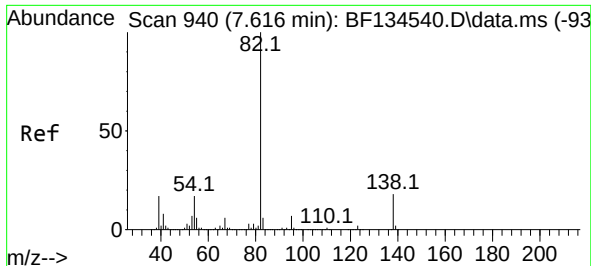
Delta R.T. 0.000 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

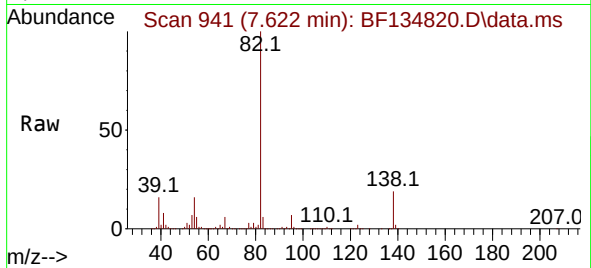
Tgt Ion:	77	Resp:	468647
Ion Ratio	Lower	Upper	
77	100		
123	50.8	35.5	53.3
65	13.6	11.9	17.9





#25
Isophorone
Concen: 43.005 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

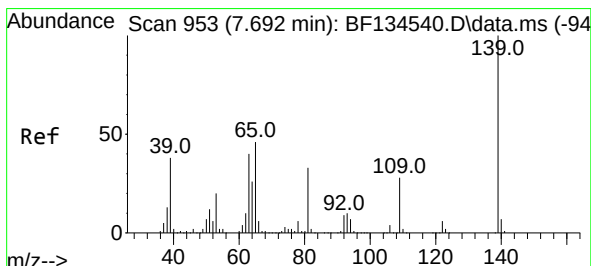
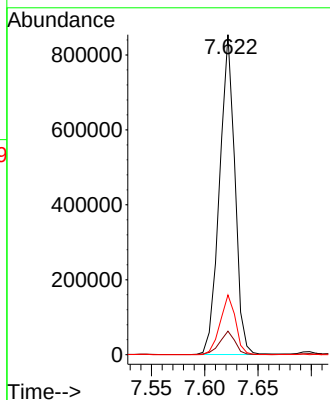
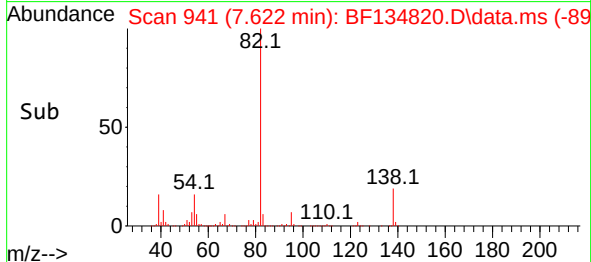
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion: 82 Resp: 852870
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.7 14.6 22.0

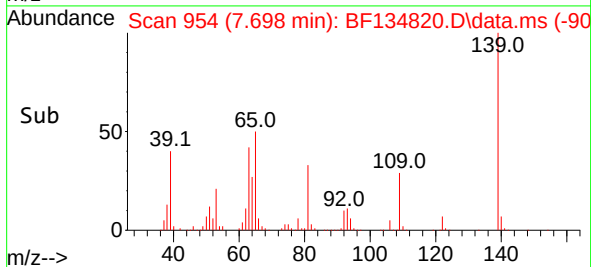
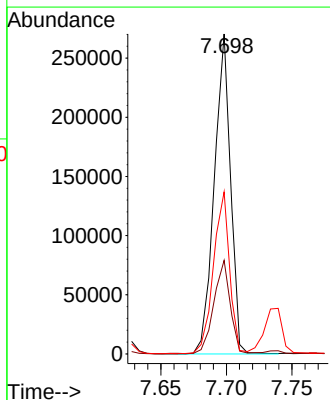
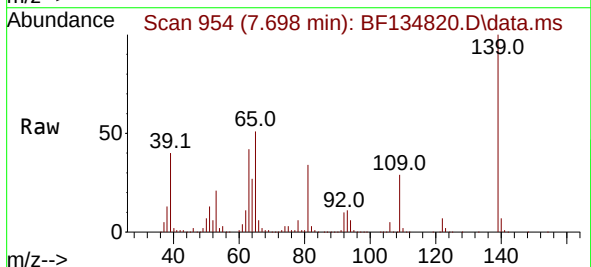
Manual Integrations
APPROVED

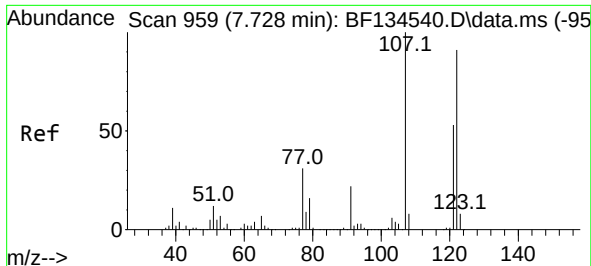
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#26
2-Nitrophenol
Concen: 54.969 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Tgt Ion:139 Resp: 233003
Ion Ratio Lower Upper
139 100
109 29.2 29.8 44.6#
65 50.7 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 41.955 ng

RT: 7.739 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

Instrument :

BNA_F

ClientSampleId :

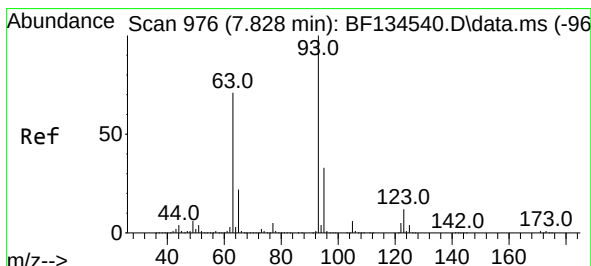
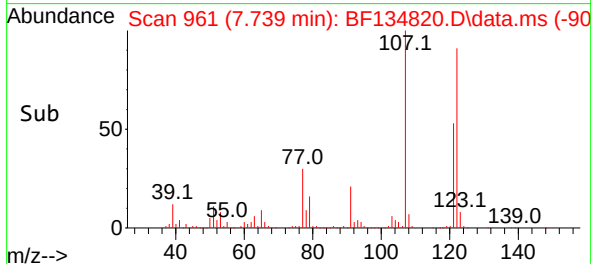
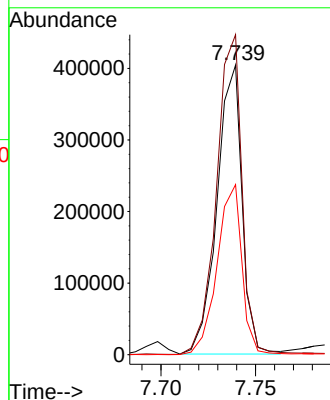
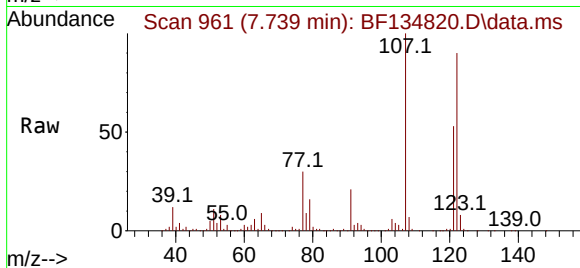
EO-02-081523MSD

Tgt Ion:122 Resp: 371254
 Ion Ratio Lower Upper
 122 100
 107 110.5 106.7 160.1
 121 58.7 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.090 ng

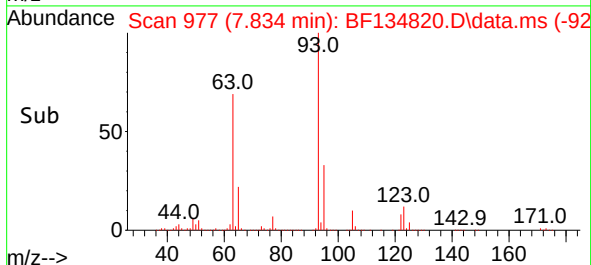
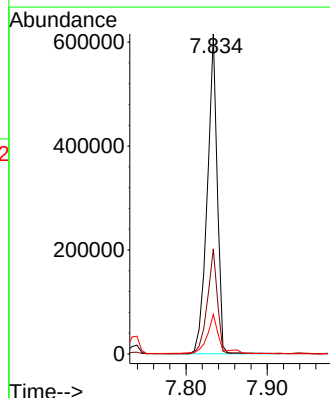
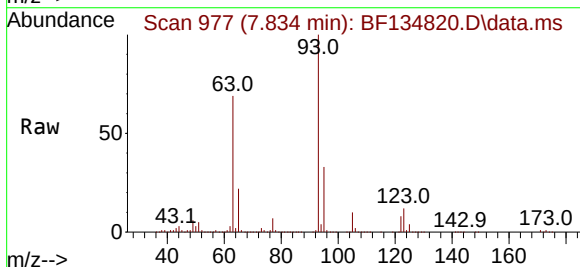
RT: 7.834 min Scan# 977

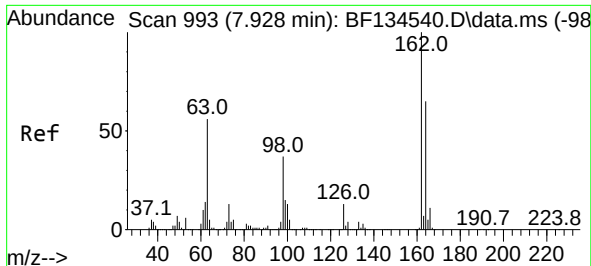
Delta R.T. 0.000 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

Tgt Ion: 93 Resp: 523063
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 12.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 45.608 ng

RT: 7.939 min Scan# 993

Delta R.T. 0.000 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

Instrument :

BNA_F

ClientSampleId :

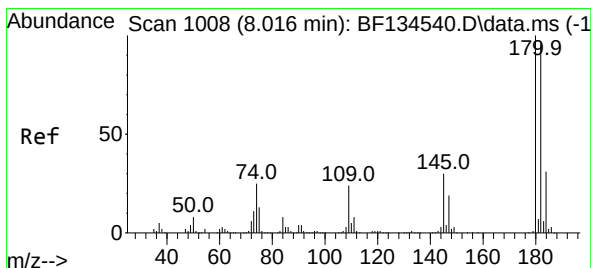
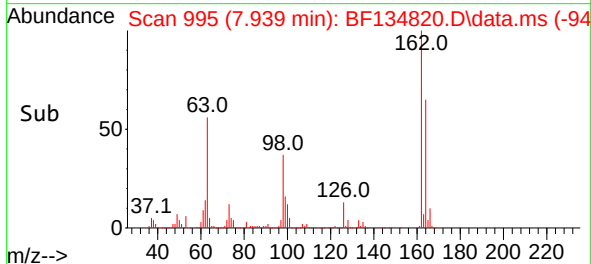
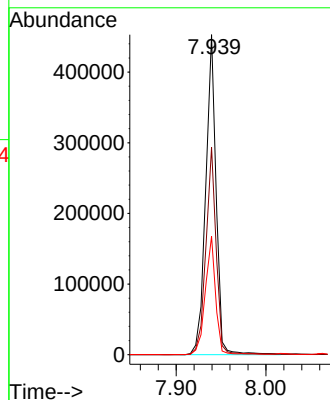
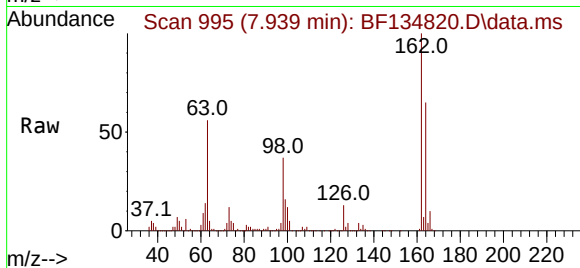
EO-02-081523MSD

Tgt Ion:162 Resp: 366288
 Ion Ratio Lower Upper
 162 100
 164 64.8 42.2 82.2
 98 37.0 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.350 ng

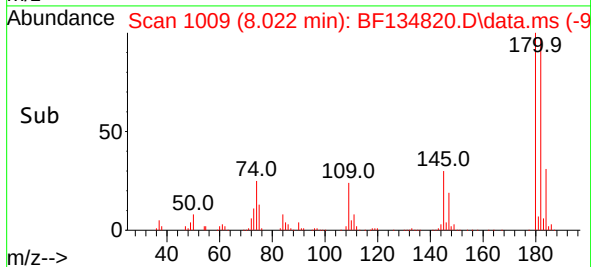
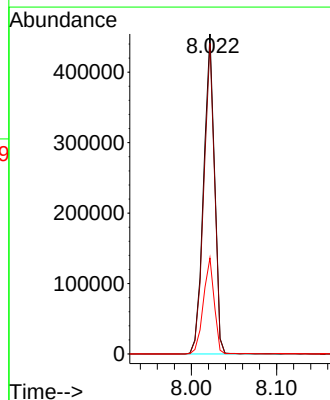
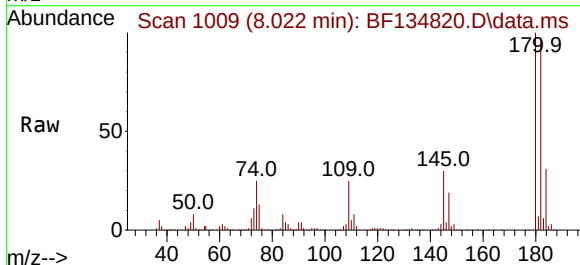
RT: 8.022 min Scan# 1009

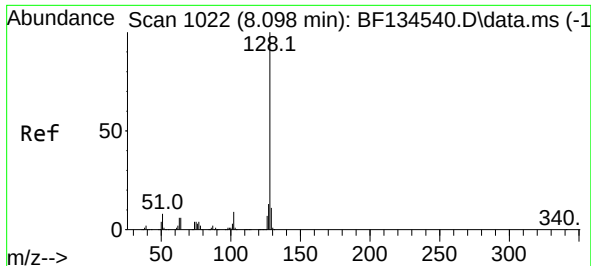
Delta R.T. 0.000 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

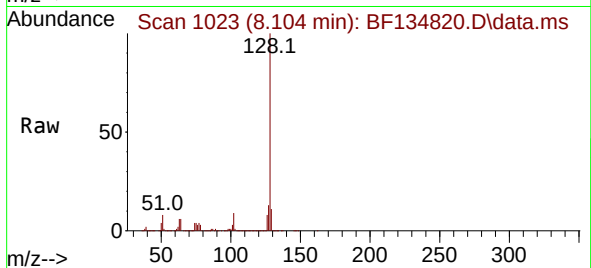
Tgt Ion:180 Resp: 405519
 Ion Ratio Lower Upper
 180 100
 182 97.1 75.0 112.6
 145 30.0 25.5 38.3





#31
Naphthalene
Concen: 43.924 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

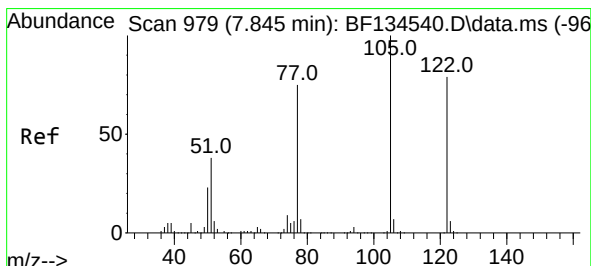
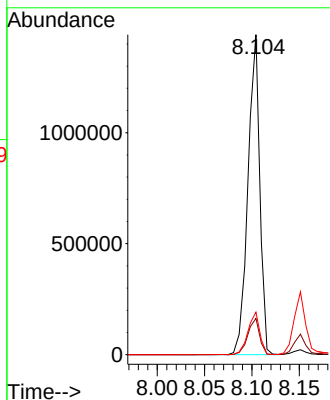
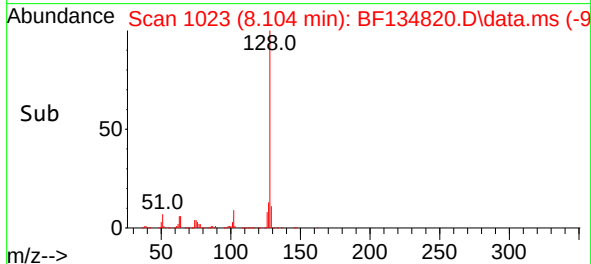
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:128 Resp: 1254364
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.3 10.7 16.1

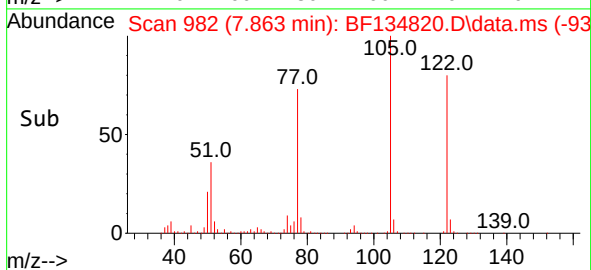
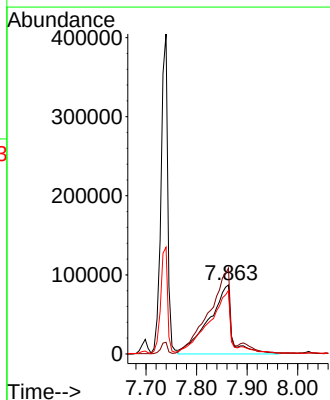
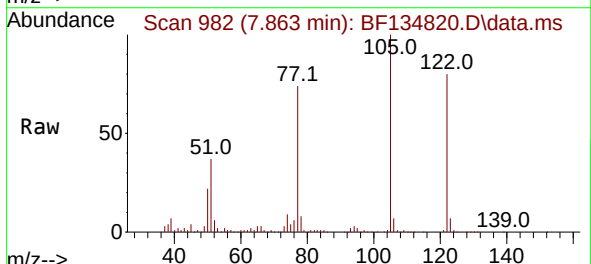
Manual Integrations
APPROVED

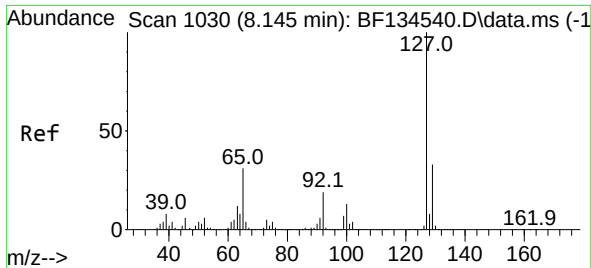
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#32
Benzoic acid
Concen: 48.188 ng m
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

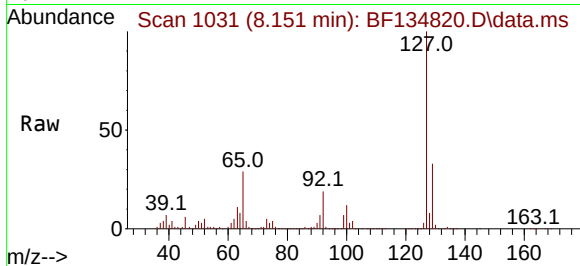
Tgt Ion:122 Resp: 278365
Ion Ratio Lower Upper
122 100
105 124.7 87.5 127.5
77 92.2 71.4 111.4





#33
4-Chloroaniline
Concen: 19.819 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

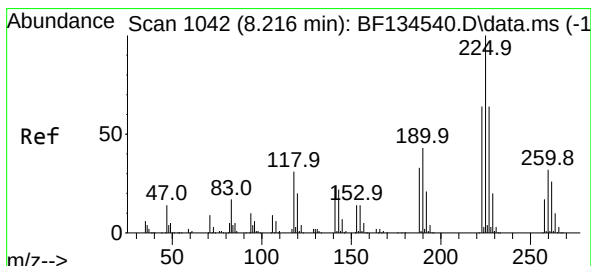
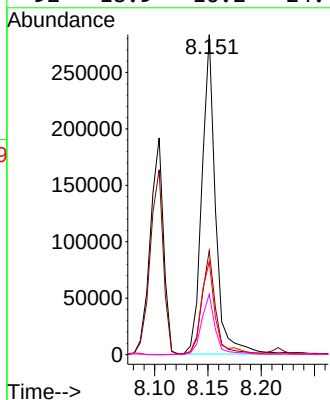
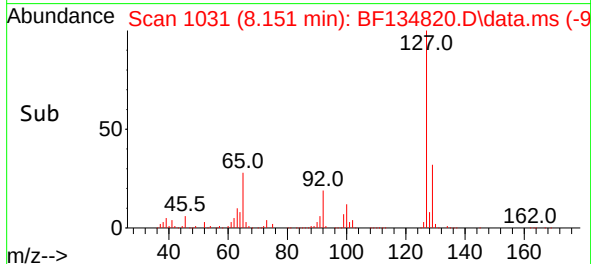
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:127 Resp: 252188
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 29.0 25.4 38.0
92 18.9 16.2 24.4

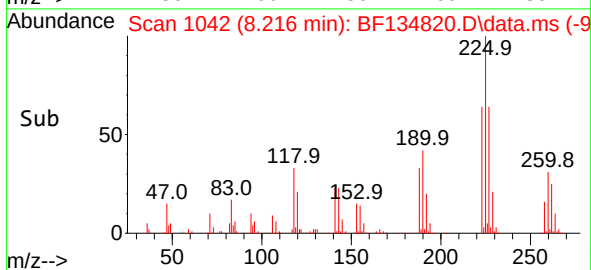
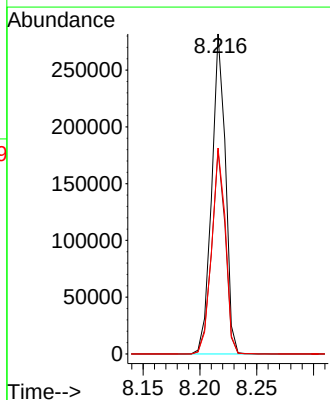
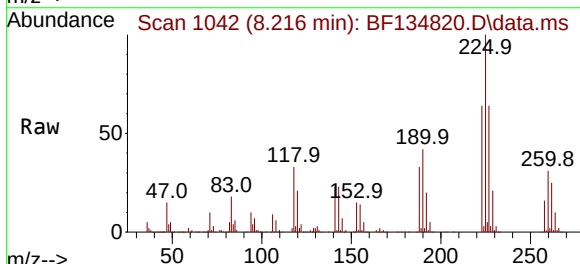
Manual Integrations
APPROVED

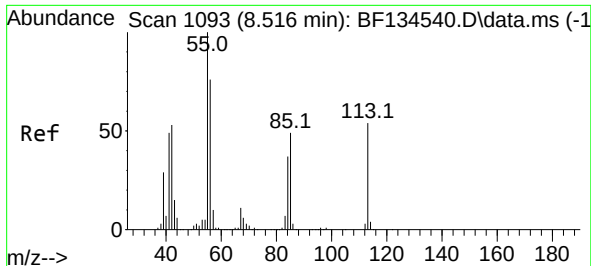
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#34
Hexachlorobutadiene
Concen: 47.752 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

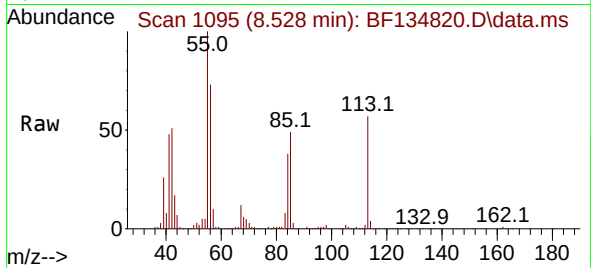
Tgt Ion:225 Resp: 235899
Ion Ratio Lower Upper
225 100
223 63.6 48.2 72.4
227 64.4 48.5 72.7





#35
Caprolactam
Concen: 45.148 ng m
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

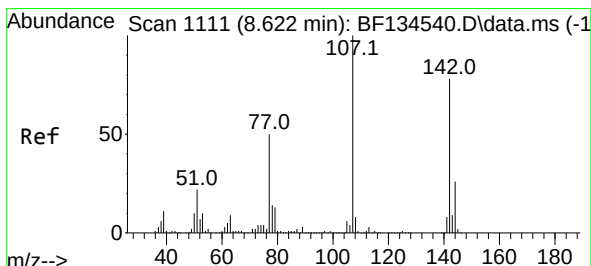
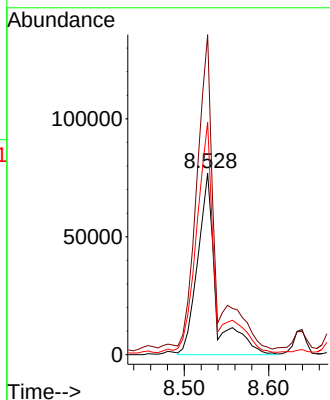
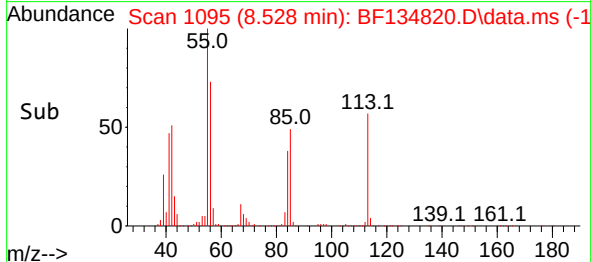
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:113 Resp: 11698
Ion Ratio Lower Upper
113 100
55 176.2 161.5 201.5
56 128.1 117.8 157.8

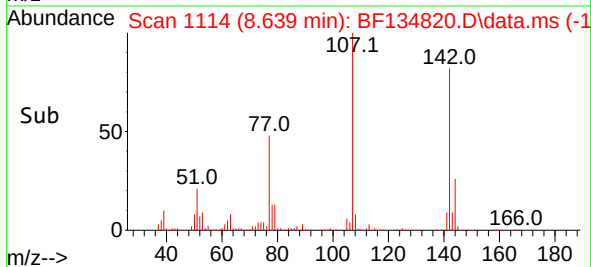
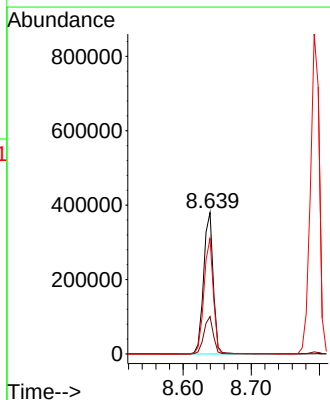
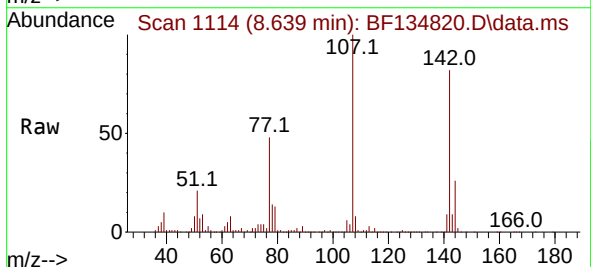
Manual Integrations
APPROVED

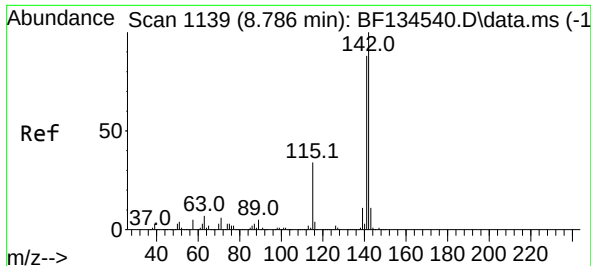
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#36
4-Chloro-3-methylphenol
Concen: 44.169 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

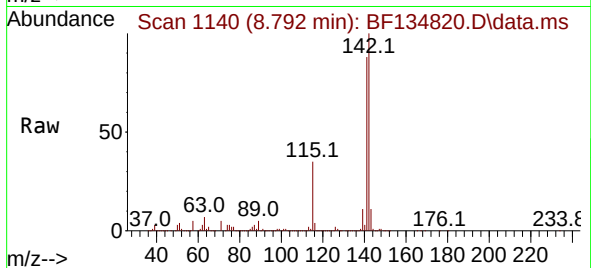
Tgt Ion:107 Resp: 375677
Ion Ratio Lower Upper
107 100
144 26.4 19.6 29.4
142 81.7 57.7 86.5





#37
2-Methylnaphthalene
Concen: 41.703 ng
RT: 8.792 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

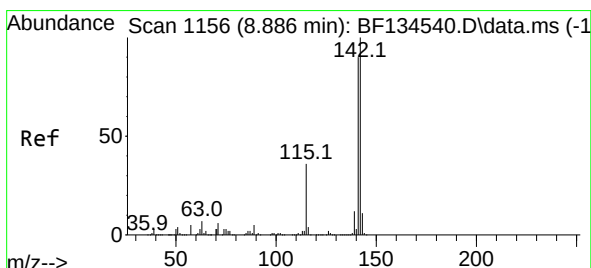
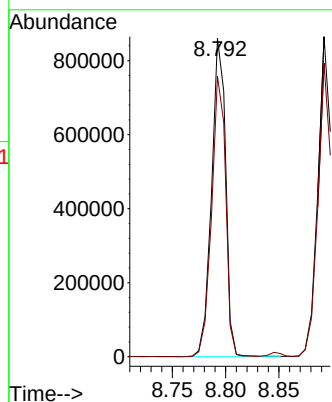
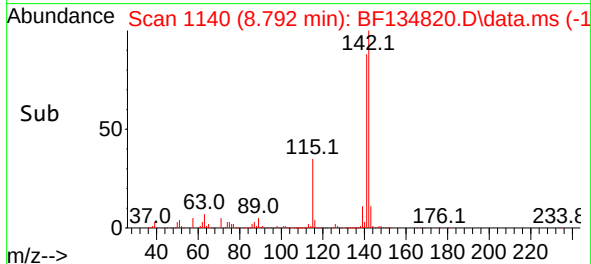
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:142 Resp: 78940
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2

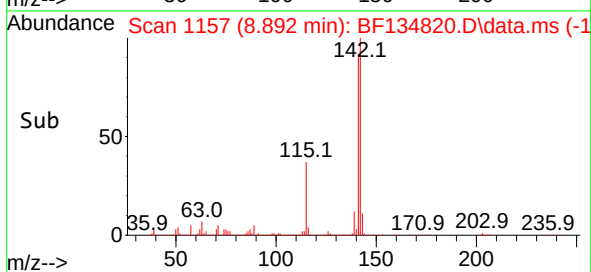
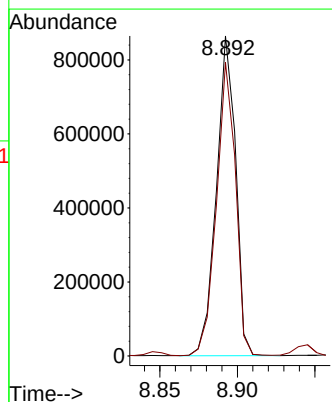
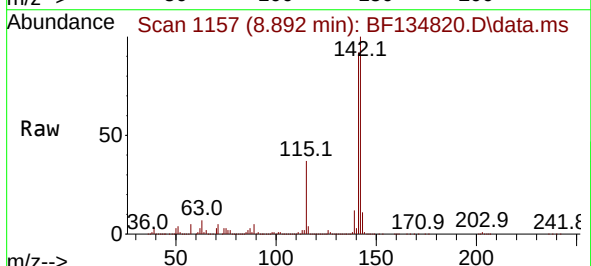
Manual Integrations
APPROVED

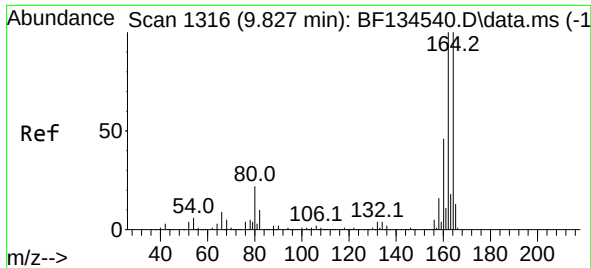
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#38
1-Methylnaphthalene
Concen: 42.388 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

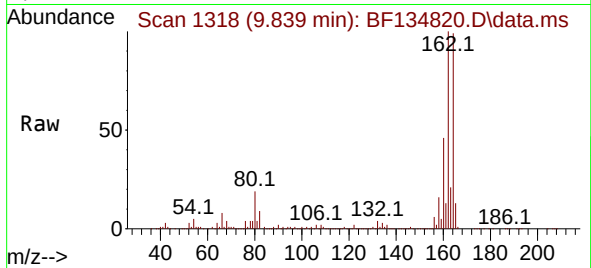
Tgt Ion:142 Resp: 746110
Ion Ratio Lower Upper
142 100
141 91.7 71.4 107.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

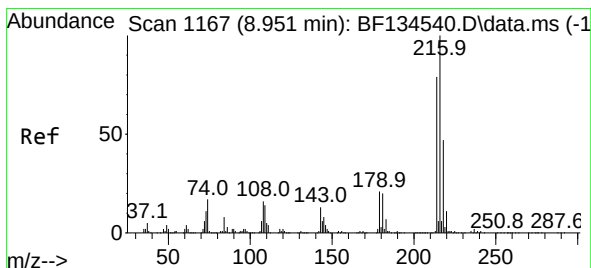
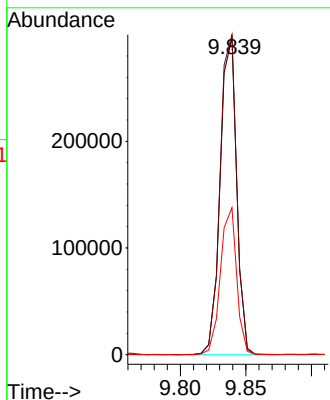
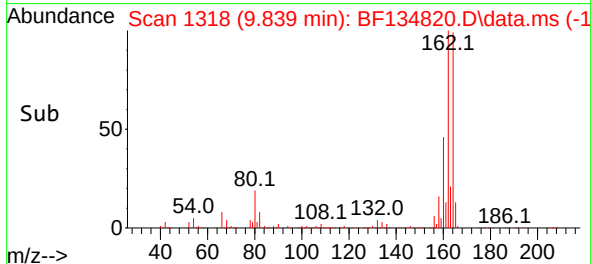
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



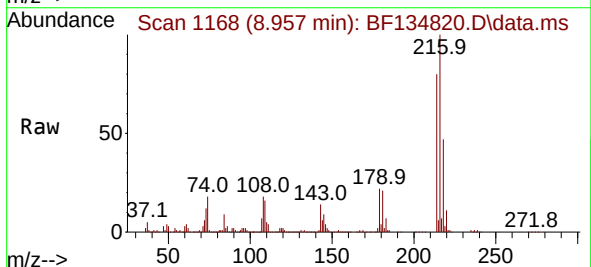
Tgt Ion:164 Resp: 258628
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 46.4 37.2 55.8

Manual Integrations
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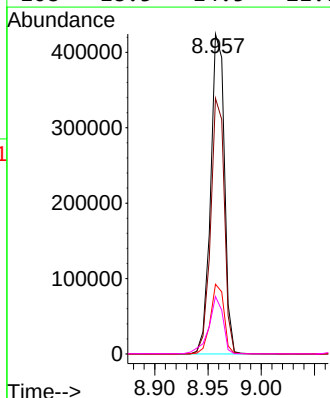
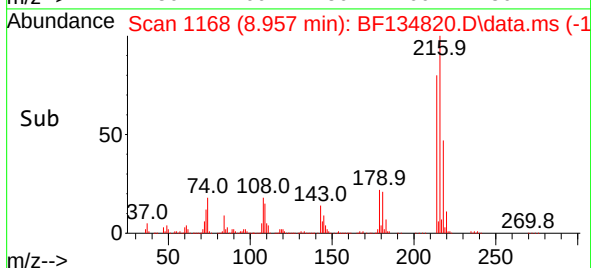
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

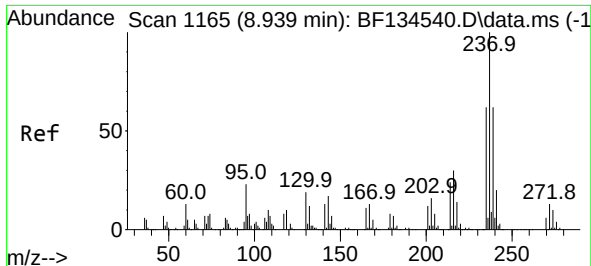


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.669 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52



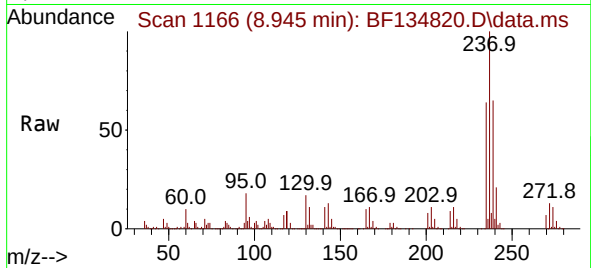
Tgt Ion:216 Resp: 381069
Ion Ratio Lower Upper
216 100
214 79.5 62.3 93.5
179 21.6 17.4 26.0
108 18.5 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 57.603 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

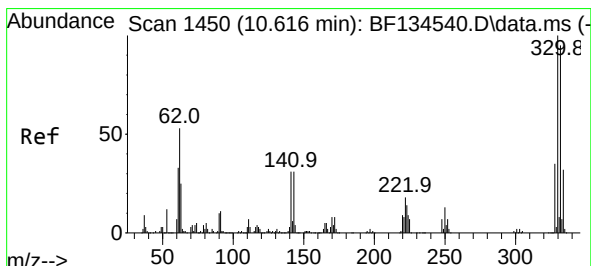
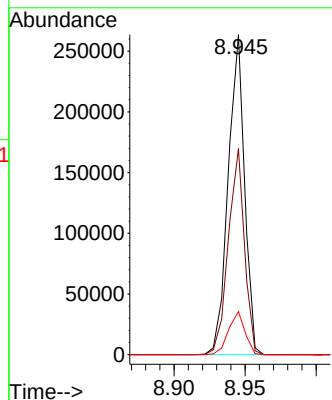
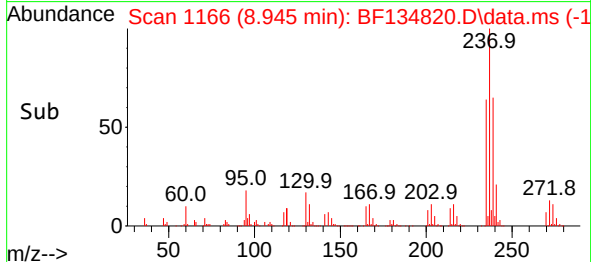
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



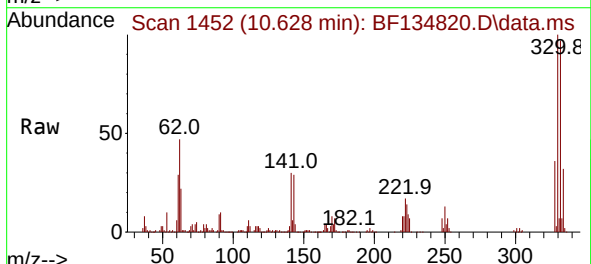
Tgt Ion:237 Resp: 210668
Ion Ratio Lower Upper
237 100
235 64.4 37.0 77.0
272 13.4 0.0 32.7

Manual Integrations
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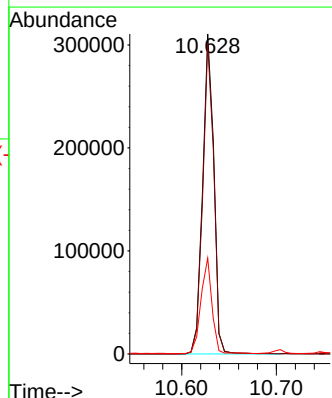
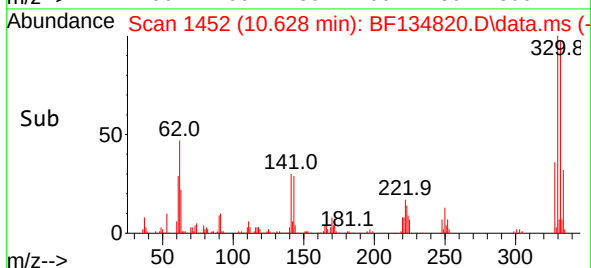
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

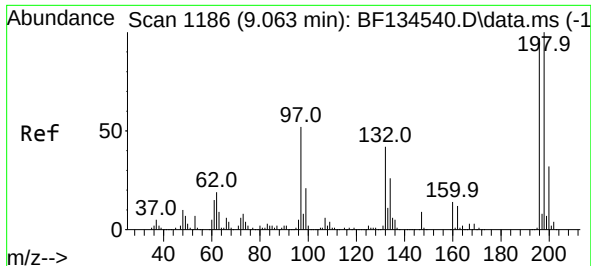


#42
2,4,6-Tribromophenol
Concen: 97.078 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52



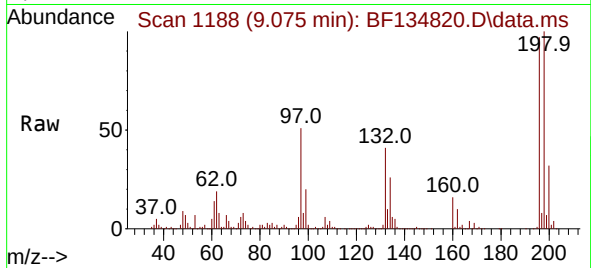
Tgt Ion:330 Resp: 255942
Ion Ratio Lower Upper
330 100
332 95.9 78.8 118.2
141 29.1 25.4 38.2





#43
 2,4,6-Trichlorophenol
 Concen: 49.768 ng
 RT: 9.075 min Scan# 1188
 Delta R.T. 0.006 min
 Lab File: BF134820.D
 Acq: 17 Aug 2023 12:52

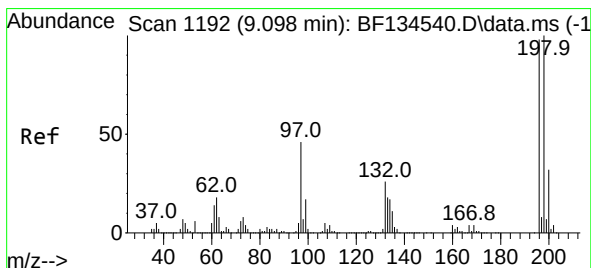
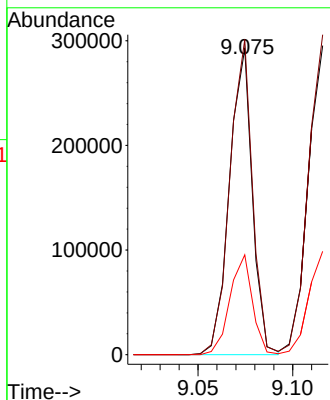
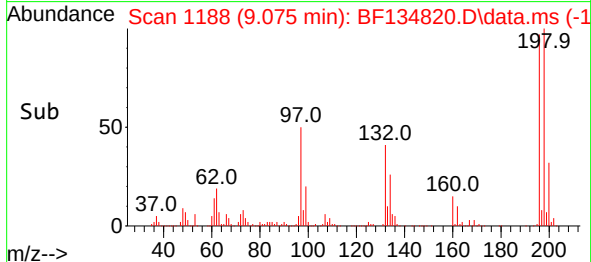
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-081523MSD



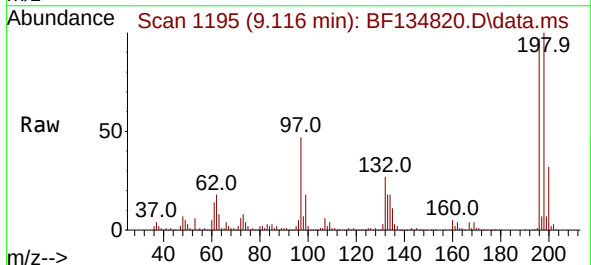
Tgt Ion:196 Resp: 244950
 Ion Ratio Lower Upper
 196 100
 198 103.0 77.4 116.2
 200 32.6 25.4 38.2

Manual Integrations
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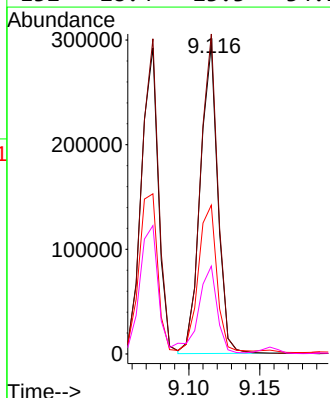
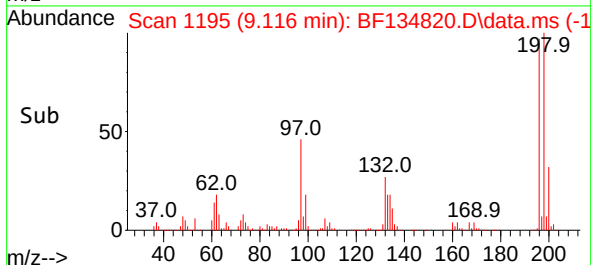
Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023

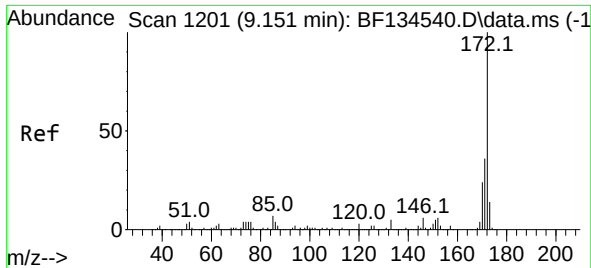


#44
 2,4,5-Trichlorophenol
 Concen: 45.134 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: BF134820.D
 Acq: 17 Aug 2023 12:52



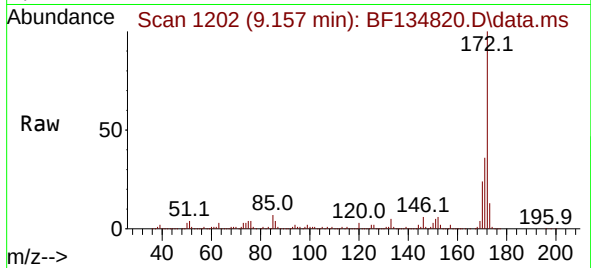
Tgt Ion:196 Resp: 253898
 Ion Ratio Lower Upper
 196 100
 198 103.5 73.0 109.4
 97 48.1 40.8 61.2
 132 28.4 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 74.196 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

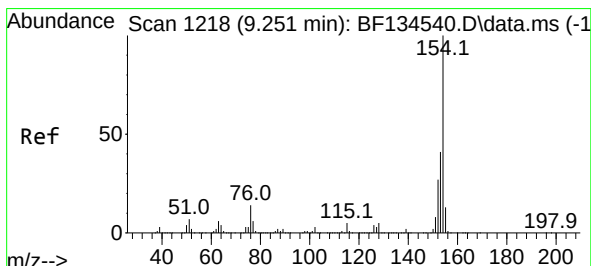
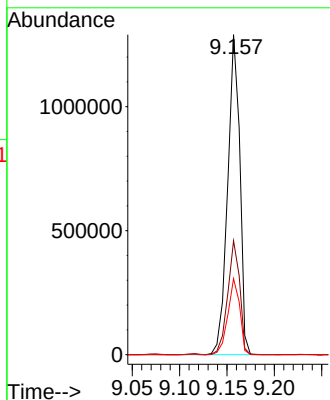
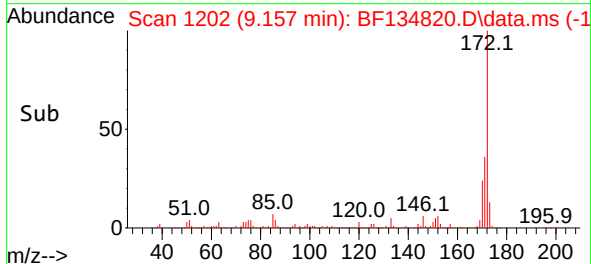
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



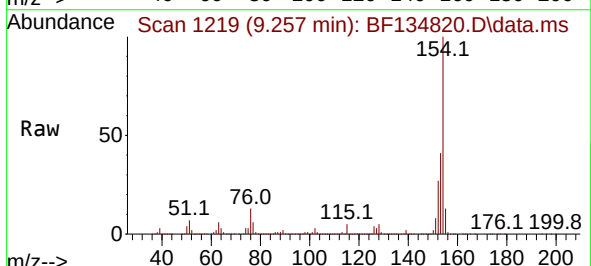
Tgt Ion:172 Resp: 1154108
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.7 18.7 28.1

Manual Integrations
APPROVED

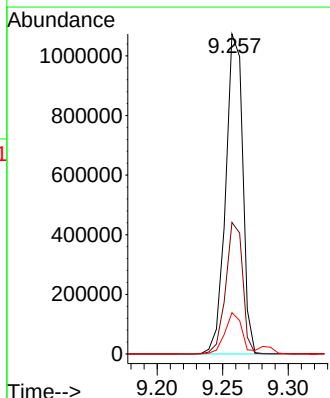
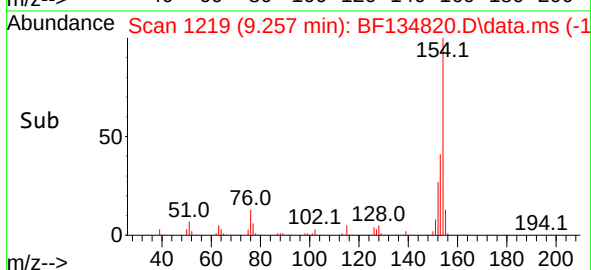
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

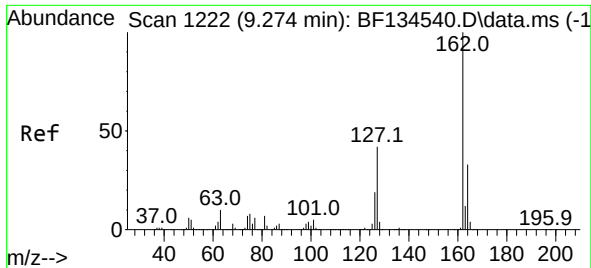


#46
1,1'-Biphenyl
Concen: 48.266 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52



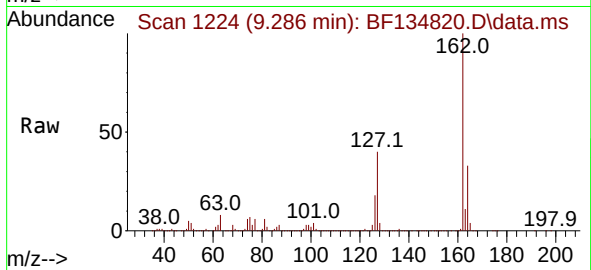
Tgt Ion:154 Resp: 970708
Ion Ratio Lower Upper
154 100
153 41.1 20.8 60.8
76 12.9 0.0 30.2





#47
2-Chloronaphthalene
Concen: 47.884 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

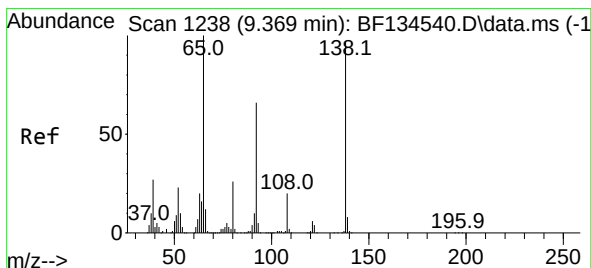
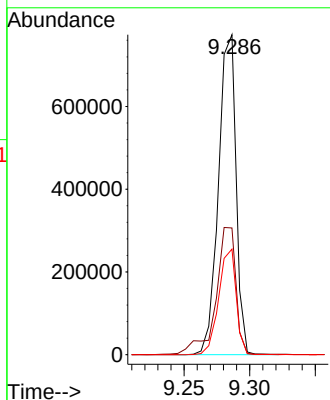
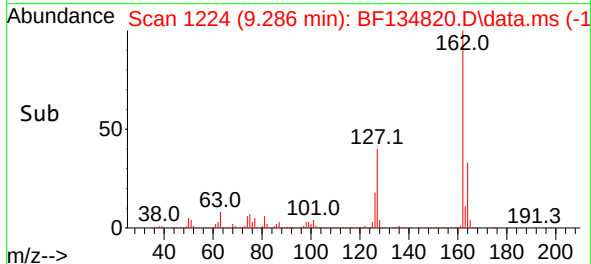
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion: 162 Resp: 721590
Ion Ratio Lower Upper
162 100
127 39.6 34.0 51.0
164 33.0 25.7 38.5

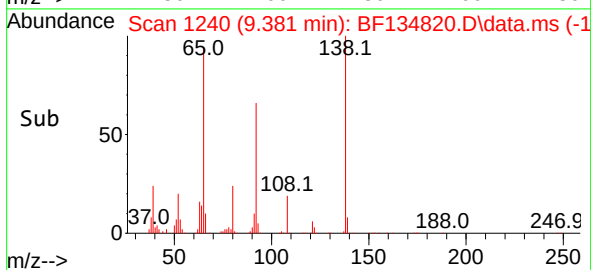
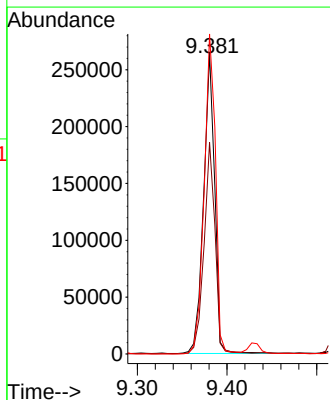
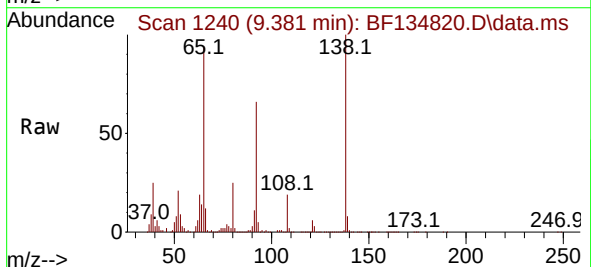
Manual Integrations
APPROVED

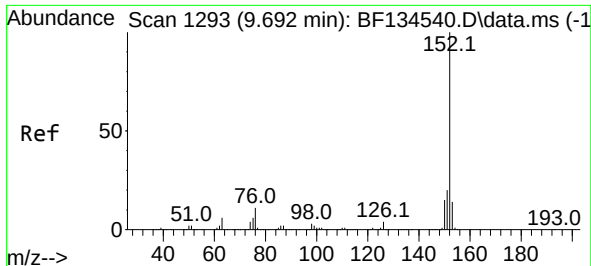
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#48
2-Nitroaniline
Concen: 48.321 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

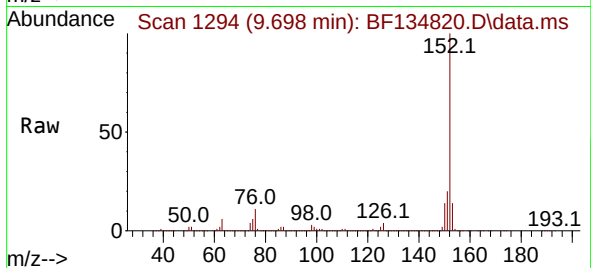
Tgt Ion: 65 Resp: 227125
Ion Ratio Lower Upper
65 100
92 70.4 50.7 76.1
138 106.4 78.2 117.4





#49
Acenaphthylene
Concen: 46.424 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

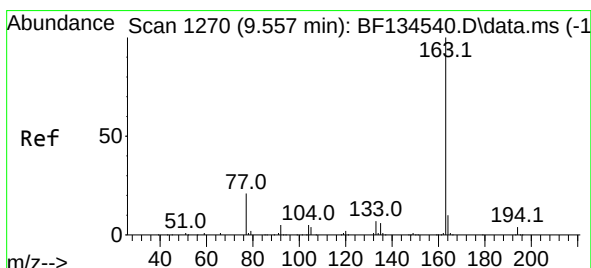
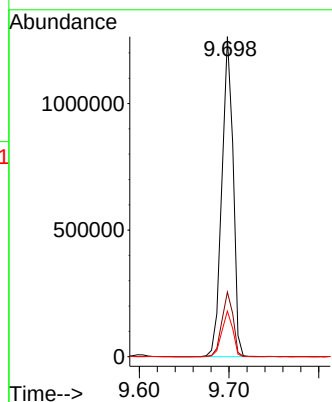
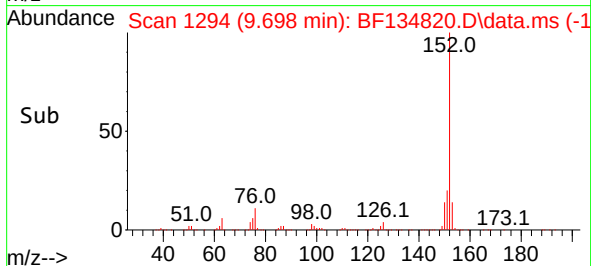
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:152 Resp: 1099680
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 14.3 10.9 16.3

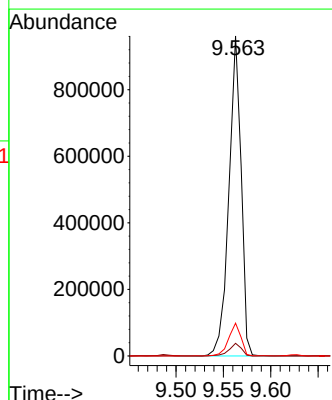
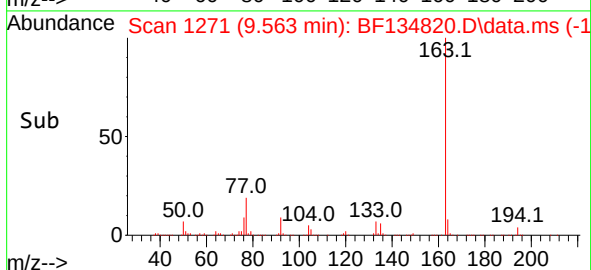
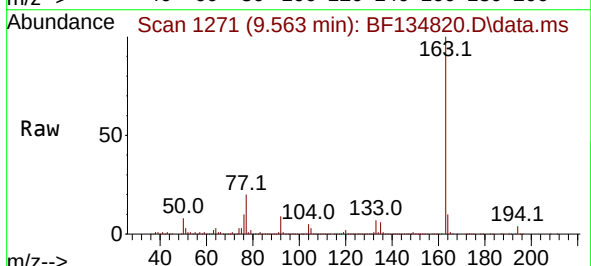
Manual Integrations
APPROVED

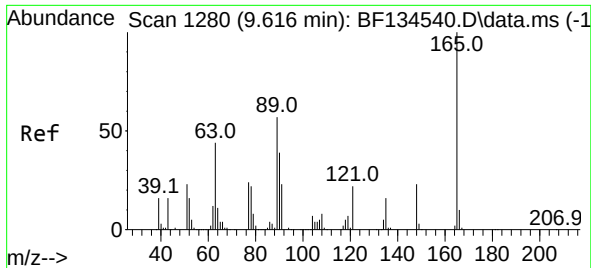
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#50
Dimethylphthalate
Concen: 49.026 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

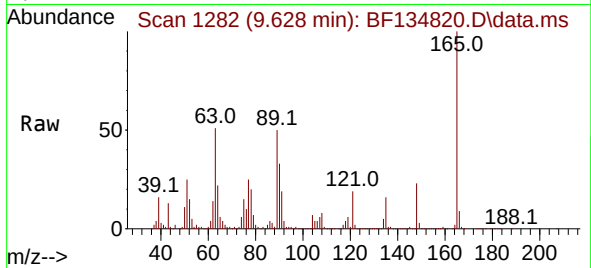
Tgt Ion:163 Resp: 864193
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 7.5 11.3





#51
2,6-Dinitrotoluene
Concen: 51.581 ng
RT: 9.628 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

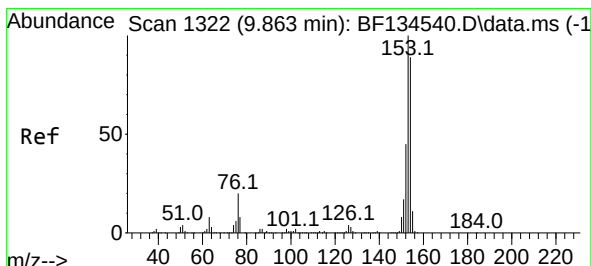
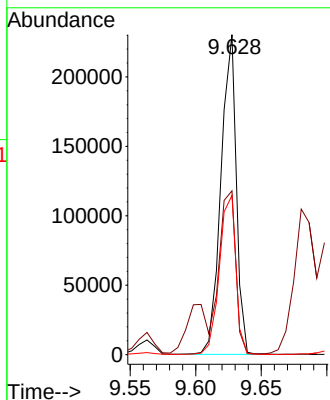
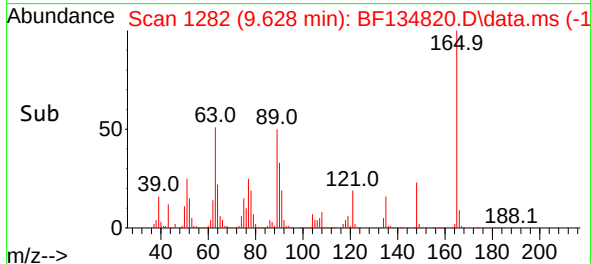
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:165 Resp: 187000
Ion Ratio Lower Upper
165 100
63 51.2 57.8 86.6
89 49.7 51.8 77.8

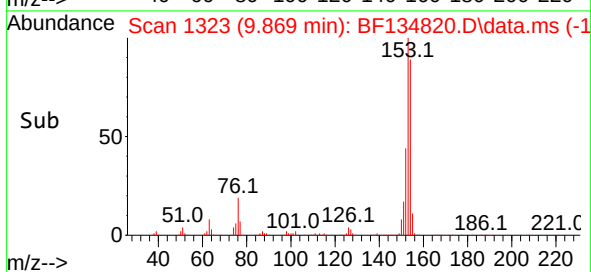
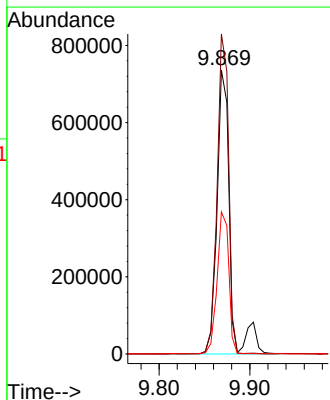
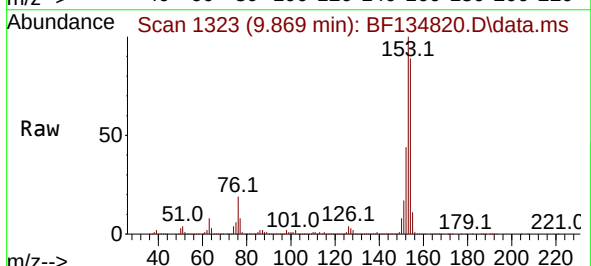
Manual Integrations
APPROVED

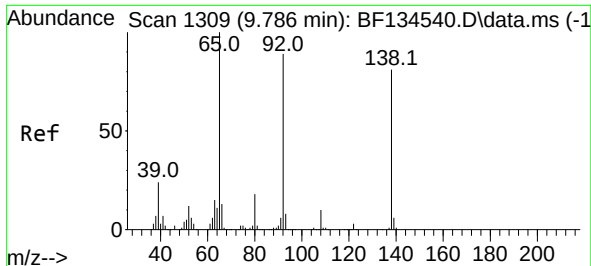
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#52
Acenaphthene
Concen: 46.853 ng m
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

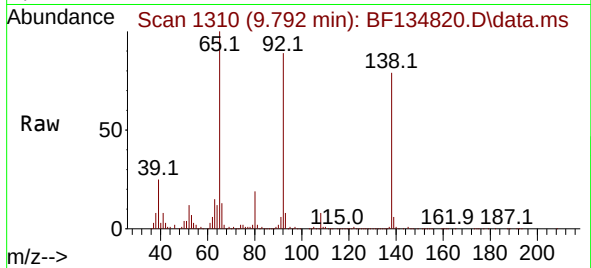
Tgt Ion:154 Resp: 719239
Ion Ratio Lower Upper
154 100
153 112.8 90.0 135.0
152 50.1 42.4 63.6





#53
3-Nitroaniline
Concen: 40.330 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

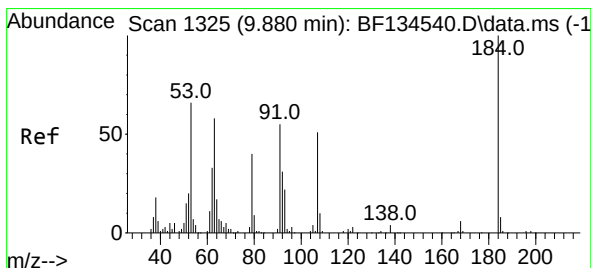
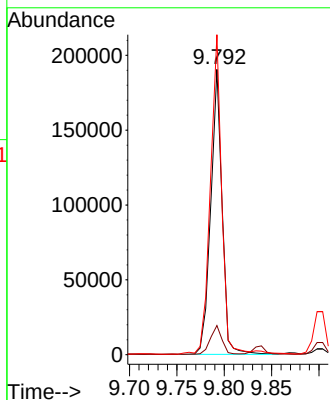
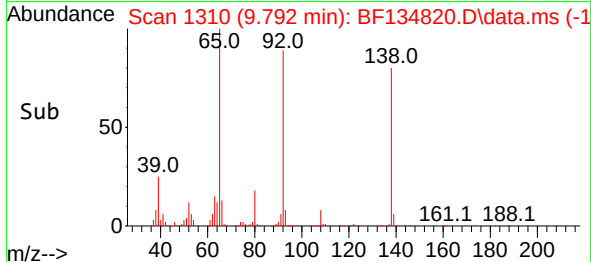
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:138 Resp: 15845
Ion Ratio Lower Upper
138 100
108 10.2 9.3 13.9
92 112.2 86.6 129.8

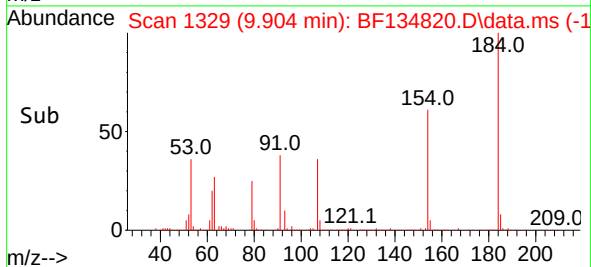
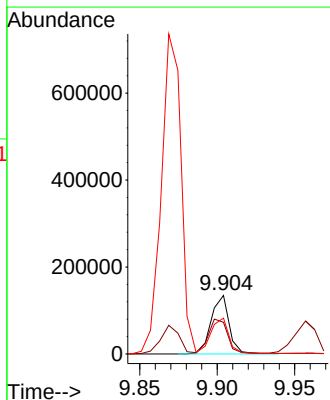
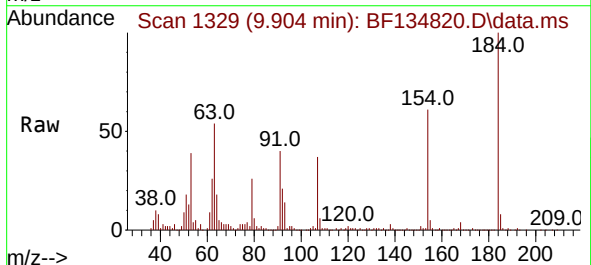
Manual Integrations
APPROVED

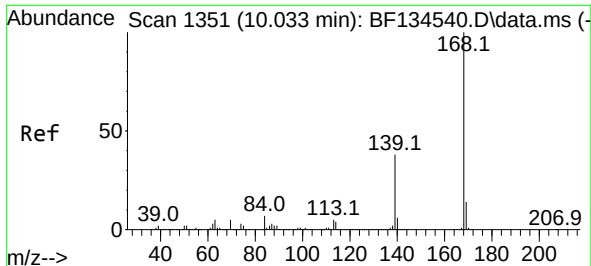
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#54
2,4-Dinitrophenol
Concen: 77.470 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

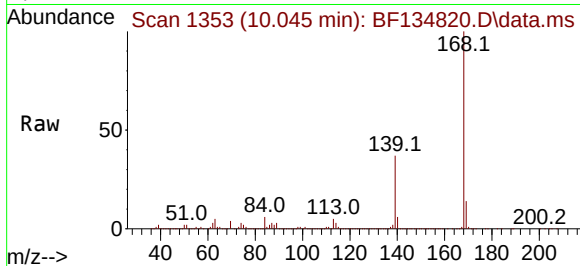
Tgt Ion:184 Resp: 109555
Ion Ratio Lower Upper
184 100
63 54.0 57.1 85.7#
154 61.3 59.1 88.7





#55
Dibenzenofuran
Concen: 43.793 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

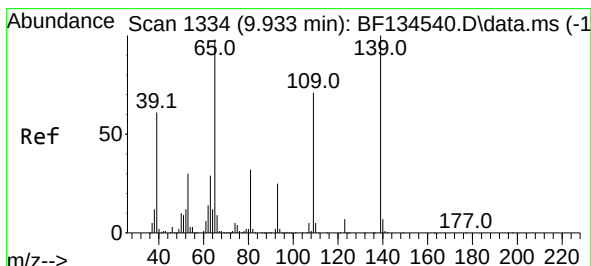
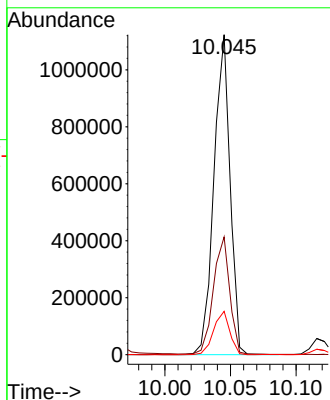
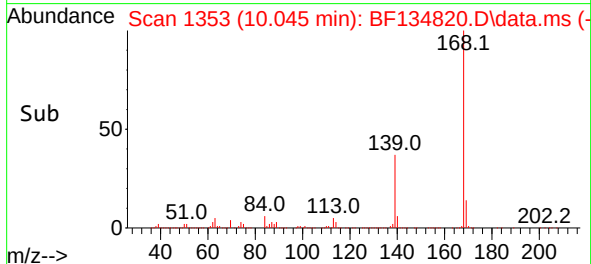
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:168 Resp: 957013
Ion Ratio Lower Upper
168 100
139 36.8 33.4 50.2
169 13.6 10.6 15.8

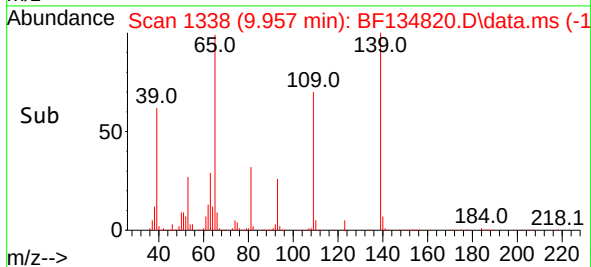
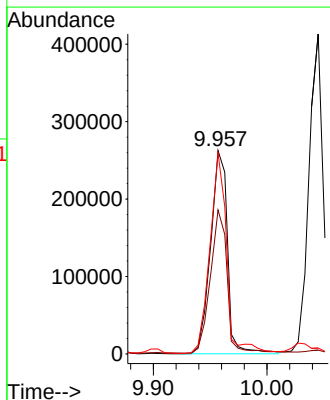
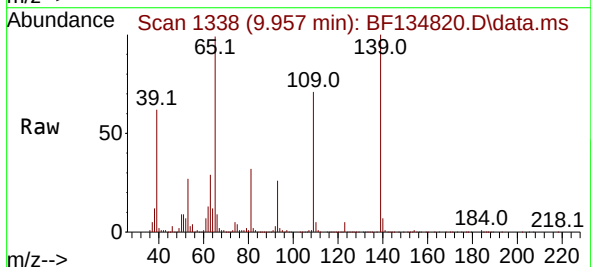
Manual Integrations
APPROVED

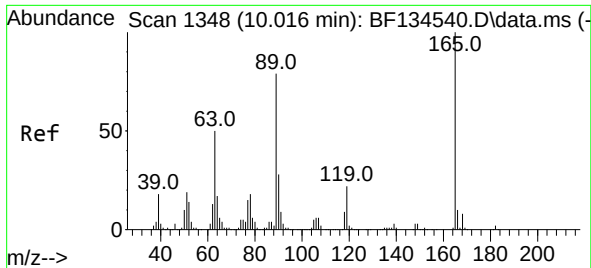
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#56
4-Nitrophenol
Concen: 84.307 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

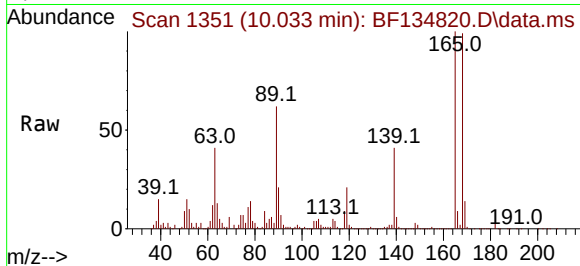
Tgt Ion:139 Resp: 270913
Ion Ratio Lower Upper
139 100
109 70.8 76.9 116.9#
65 98.7 98.5 138.5





#57
2,4-Dinitrotoluene
Concen: 51.829 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

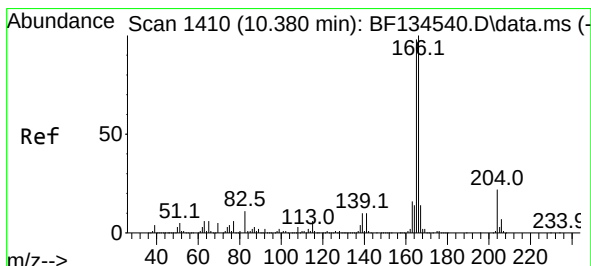
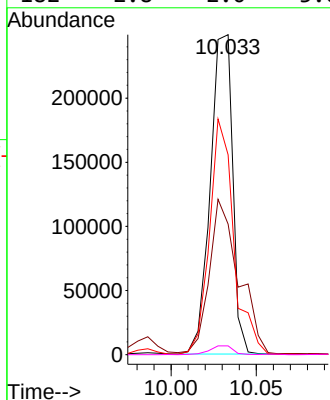
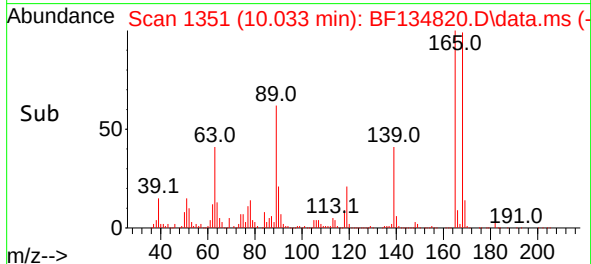
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



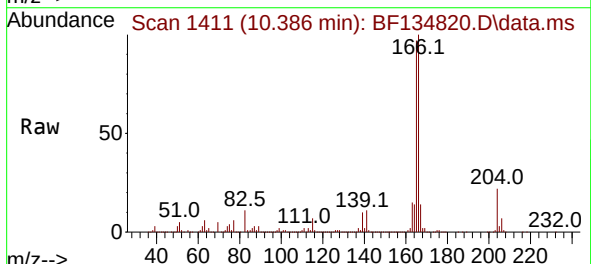
Tgt Ion:165 Resp: 22714
Ion Ratio Lower Upper
165 100
63 40.8 48.9 73.3
89 62.4 61.7 92.5
182 2.8 2.0 3.0

Manual Integrations
APPROVED

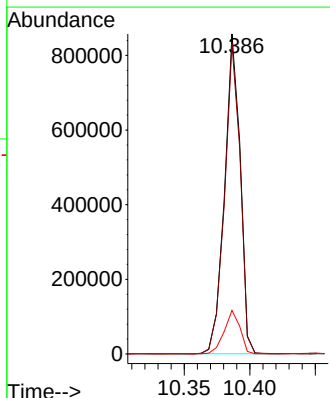
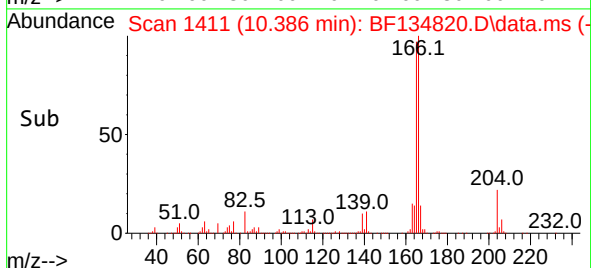
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

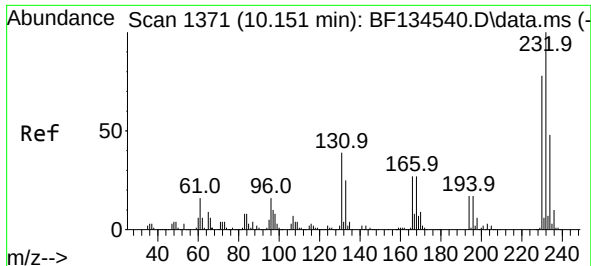


#58
Fluorene
Concen: 44.563 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52



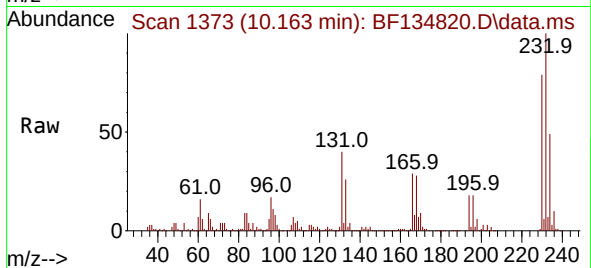
Tgt Ion:166 Resp: 709315
Ion Ratio Lower Upper
166 100
165 96.8 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.101 ng m
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

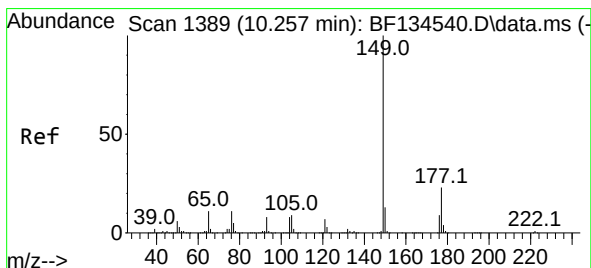
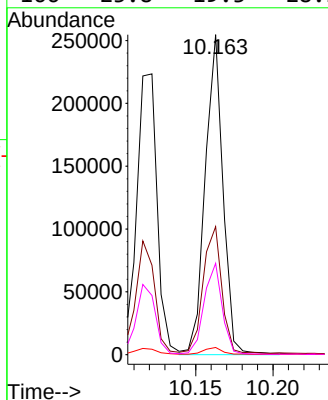
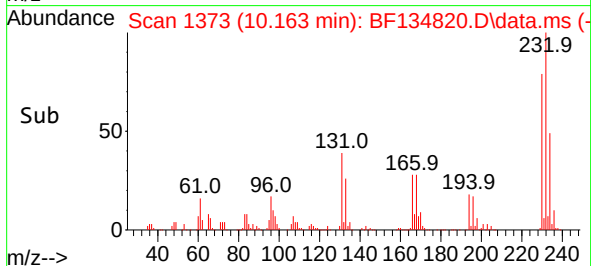
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:232 Resp: 20517
Ion Ratio Lower Upper
232 100
131 37.5 33.4 50.0
130 2.6 1.8 2.6
166 23.8 19.3 28.9

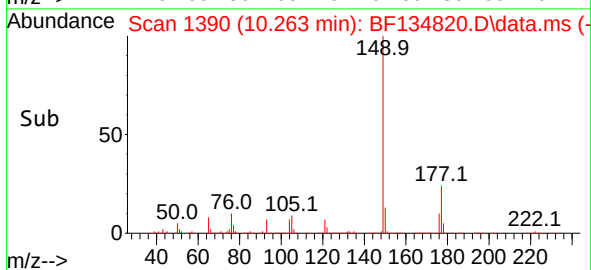
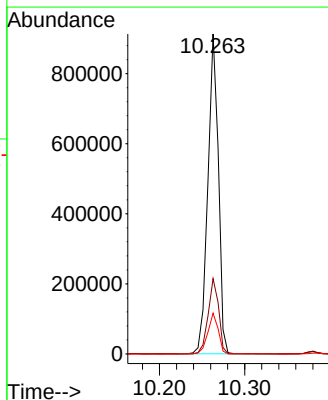
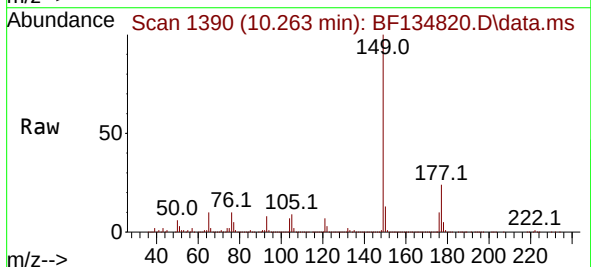
Manual Integrations
APPROVED

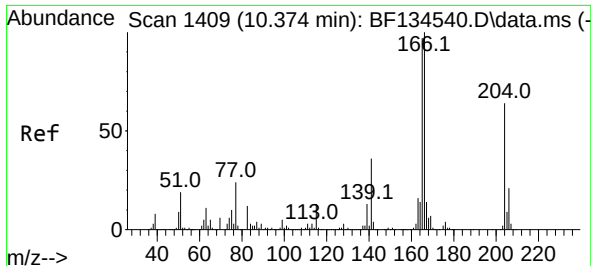
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#60
Diethylphthalate
Concen: 46.879 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

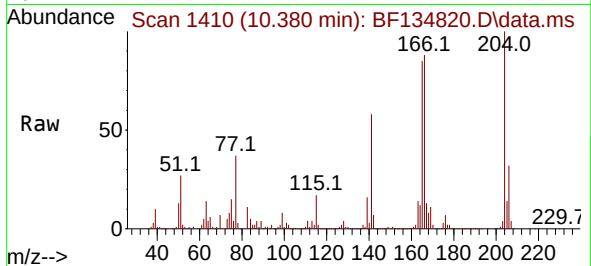
Tgt Ion:149 Resp: 783265
Ion Ratio Lower Upper
149 100
177 23.5 17.0 25.4
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.677 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

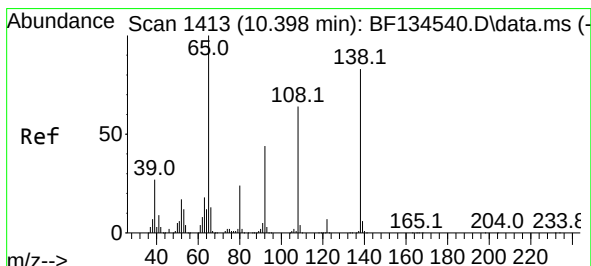
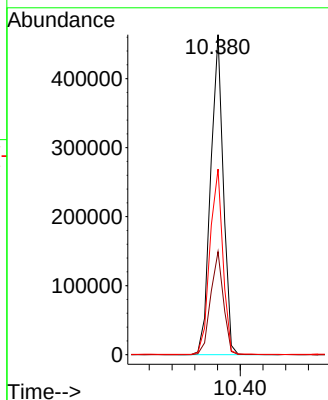
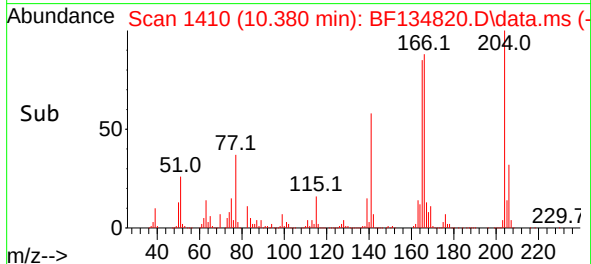
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



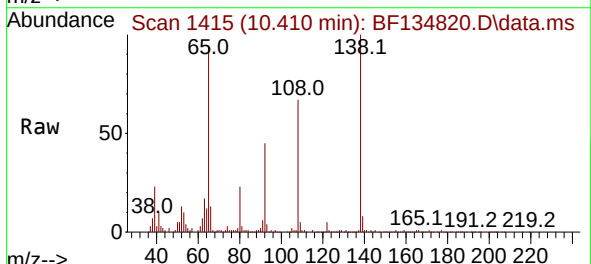
Tgt Ion:204 Resp: 357368
Ion Ratio Lower Upper
204 100
206 32.2 26.0 39.0
141 58.0 52.2 78.4

Manual Integrations
APPROVED

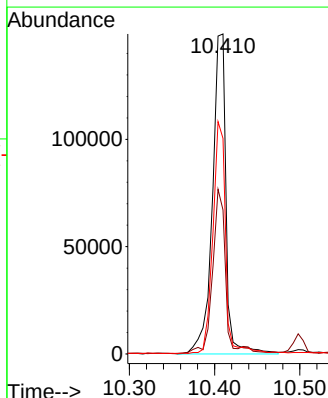
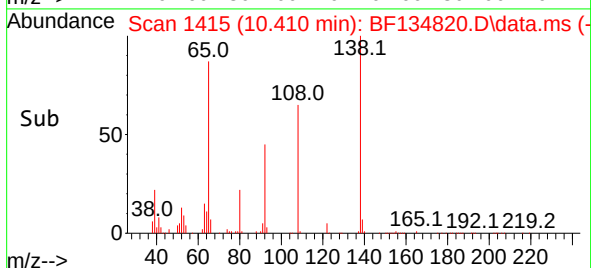
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

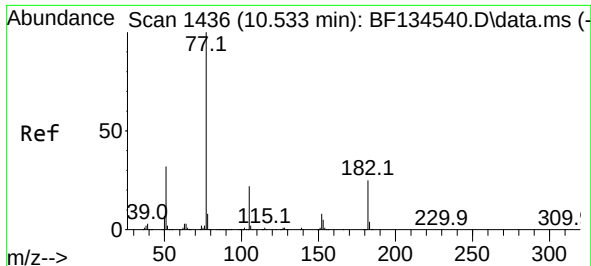


#62
4-Nitroaniline
Concen: 43.229 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52



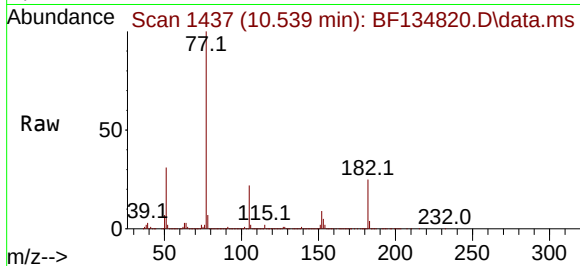
Tgt Ion:138 Resp: 166473
Ion Ratio Lower Upper
138 100
92 45.0 27.0 67.0
108 67.4 70.4 110.4#





#63
Azobenzene
Concen: 40.483 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

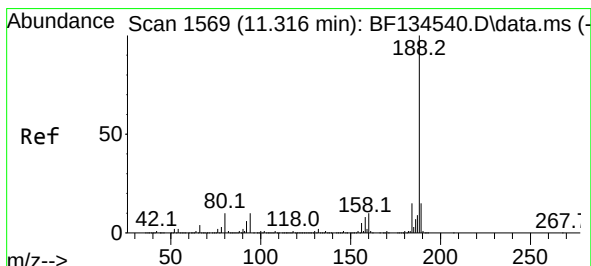
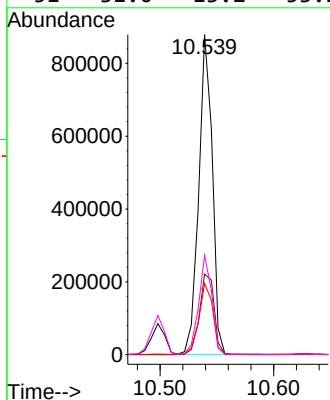
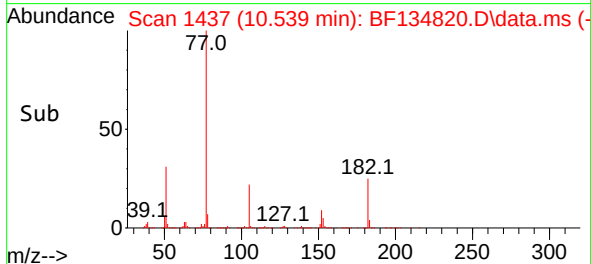
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion: 77 Resp: 726729
Ion Ratio Lower Upper
77 100
182 25.2 7.5 47.5
105 22.3 1.9 41.9
51 31.0 13.2 53.2

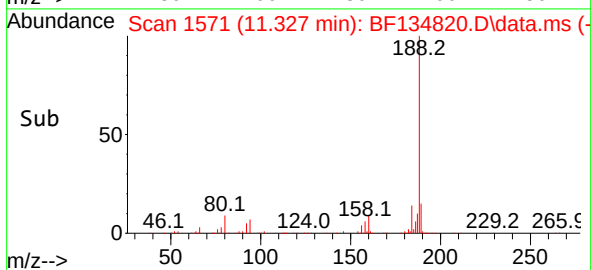
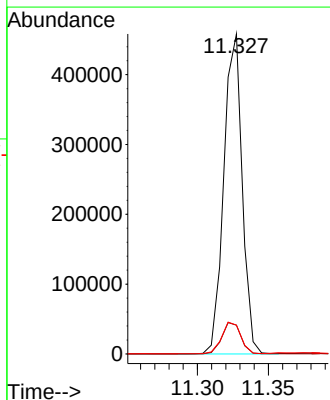
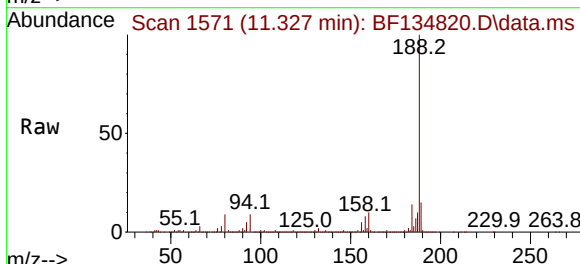
Manual Integrations
APPROVED

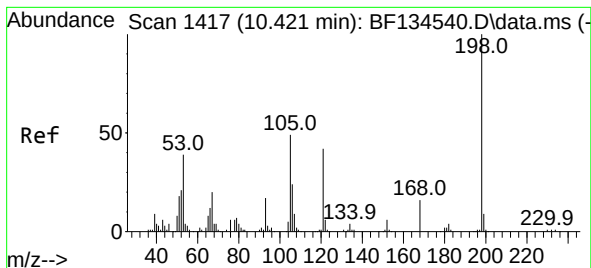
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Tgt Ion:188 Resp: 412216
Ion Ratio Lower Upper
188 100
94 9.0 5.1 7.7#
80 9.0 6.6 9.8





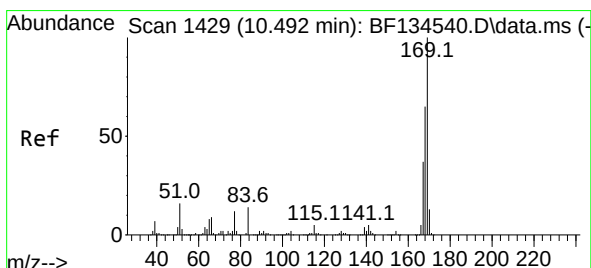
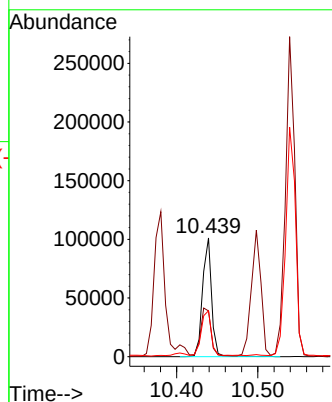
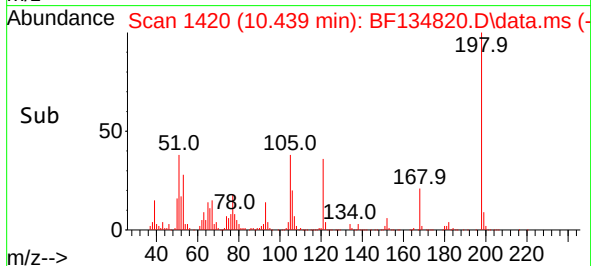
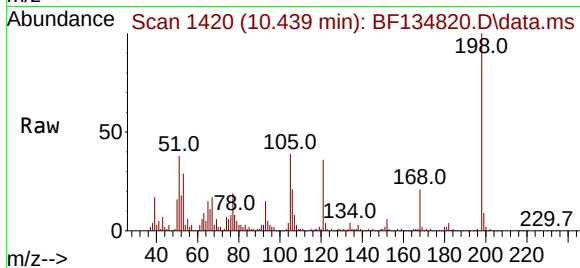
#65
4,6-Dinitro-2-methylphenol
Concen: 47.106 ng
RT: 10.439 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD

Tgt Ion:198 Resp: 7815
Ion Ratio Lower Upper
198 100
51 38.5 38.6 78.6
105 38.7 27.9 67.9

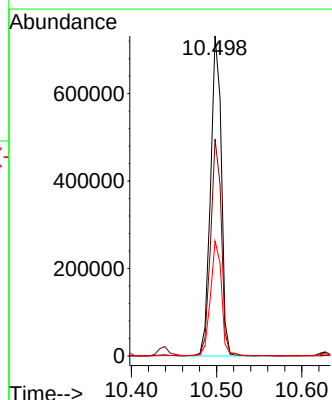
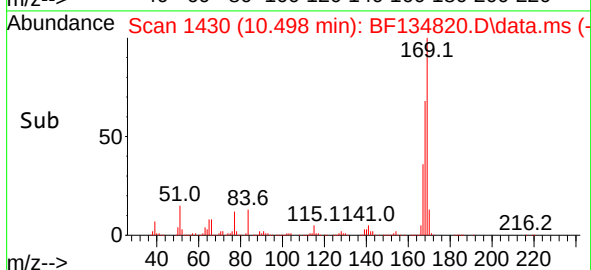
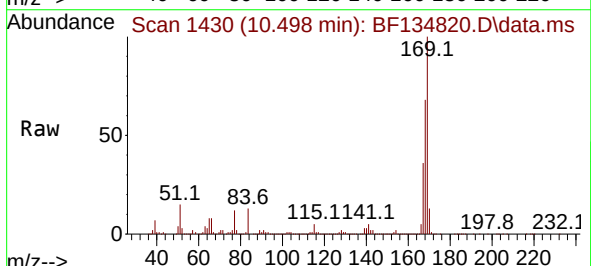
Manual Integrations
APPROVED

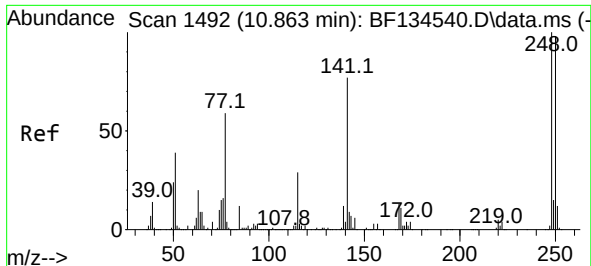
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#66
n-Nitrosodiphenylamine
Concen: 49.086 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

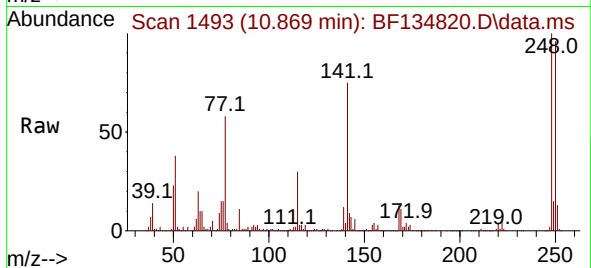
Tgt Ion:169 Resp: 644039
Ion Ratio Lower Upper
169 100
168 67.7 52.6 78.8
167 35.9 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 49.964 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

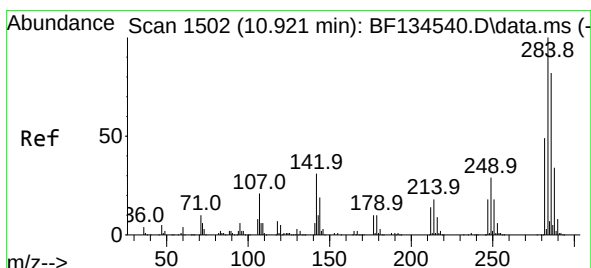
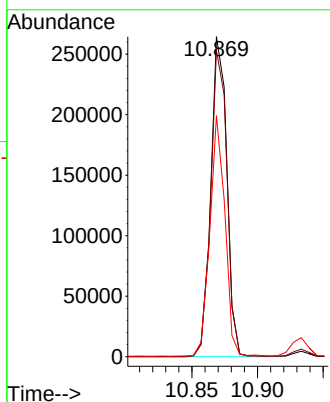
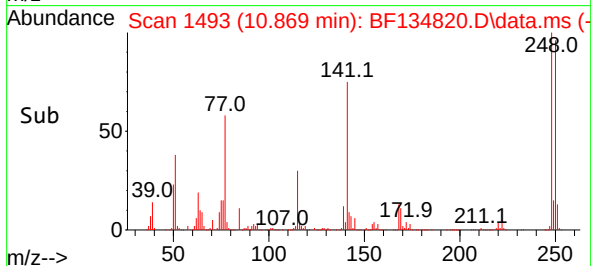
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



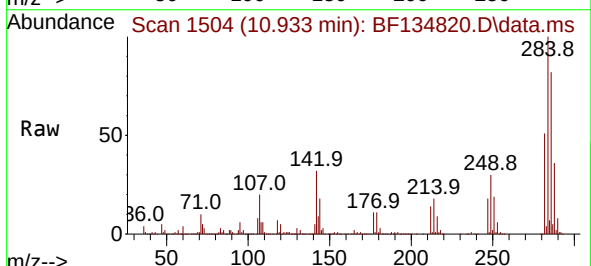
Tgt Ion:248 Resp: 225460
Ion Ratio Lower Upper
248 100
250 95.8 79.6 119.4
141 75.3 59.6 89.4

Manual Integrations
APPROVED

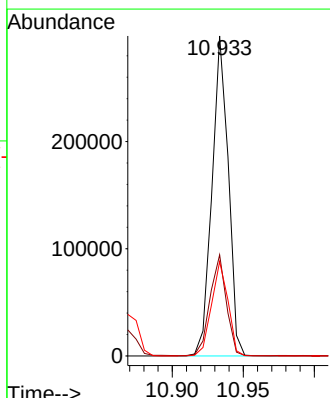
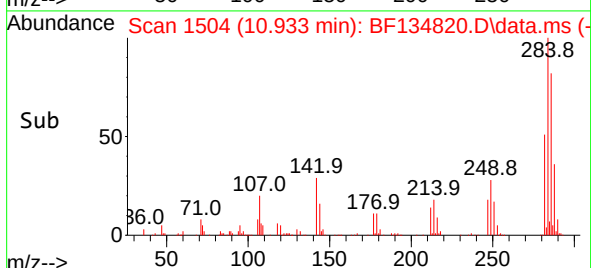
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

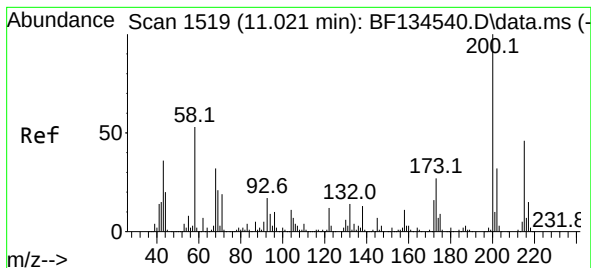


#68
Hexachlorobenzene
Concen: 49.977 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52



Tgt Ion:284 Resp: 238144
Ion Ratio Lower Upper
284 100
142 31.6 26.5 39.7
249 29.5 23.8 35.8





#69

Atrazine

Concen: 59.440 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF134820.D

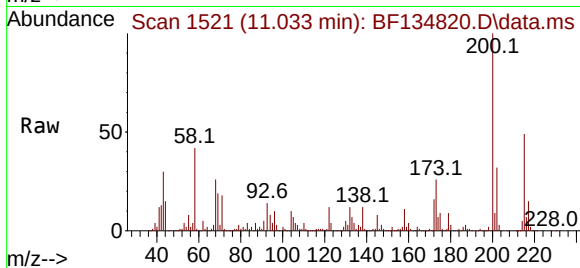
Acq: 17 Aug 2023 12:52

Instrument :

BNA_F

ClientSampleId :

EO-02-081523MSD



Tgt Ion:200 Resp: 210200

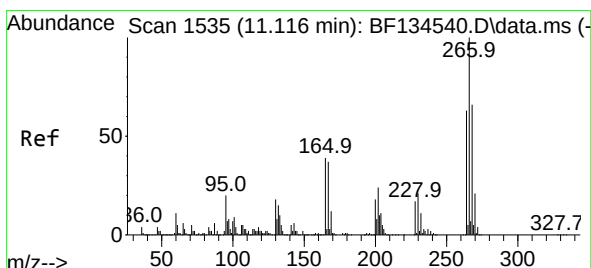
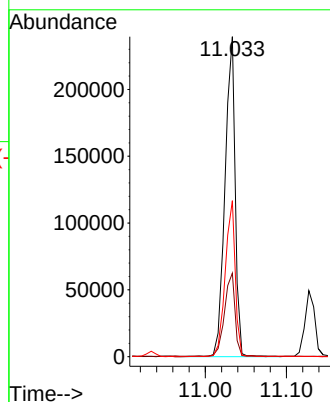
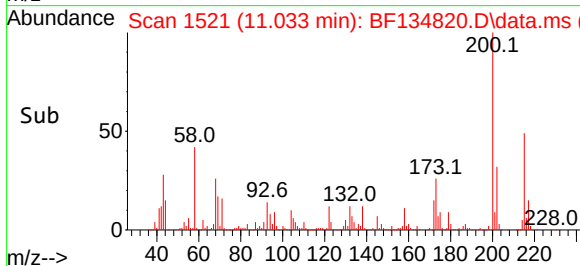
Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.1	46.1
215	48.8	29.7	69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#70

Pentachlorophenol

Concen: 77.275 ng

RT: 11.127 min Scan# 1537

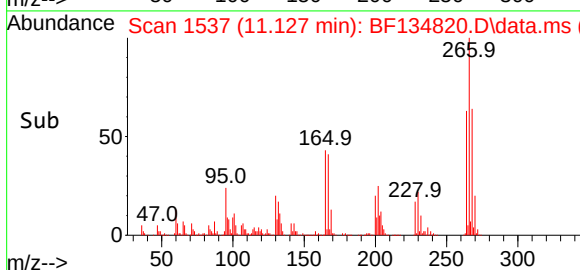
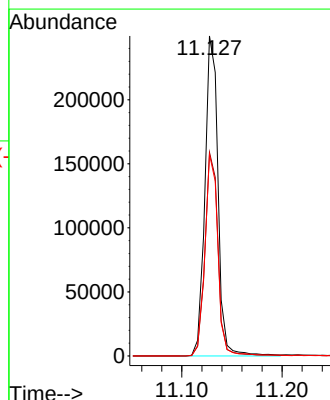
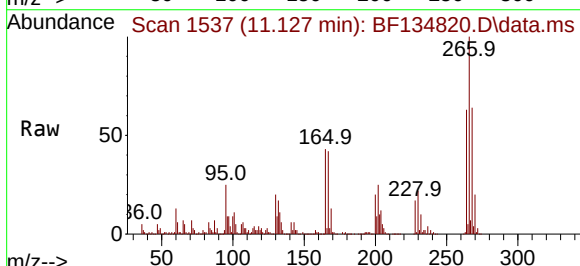
Delta R.T. 0.000 min

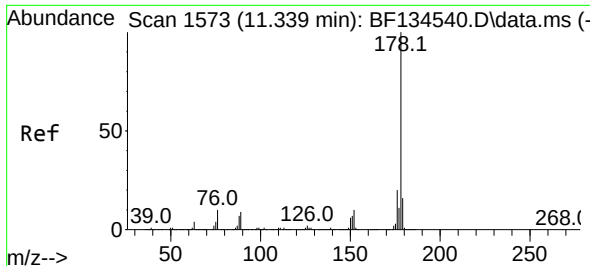
Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

Tgt Ion:266 Resp: 227989

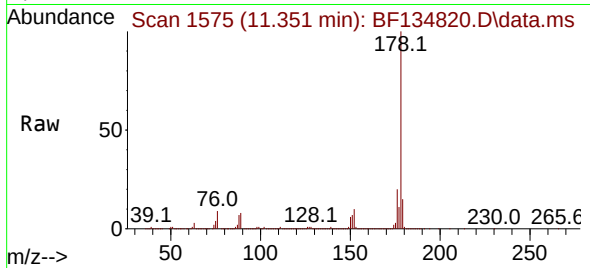
Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.9	79.3
264	63.1	47.8	71.6





#71
Phenanthrene
Concen: 50.669 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

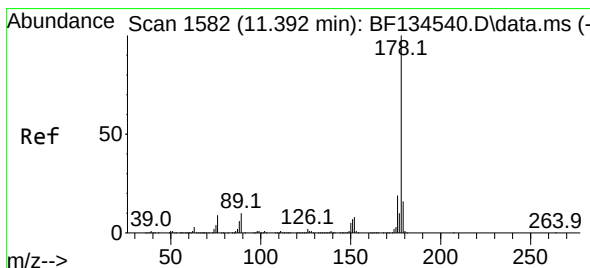
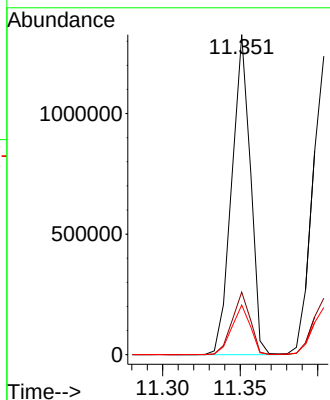
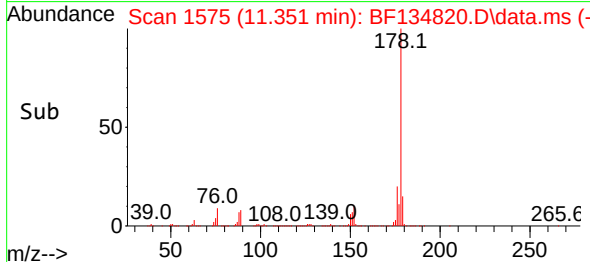
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:178 Resp: 1109415
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.5 12.7 19.1

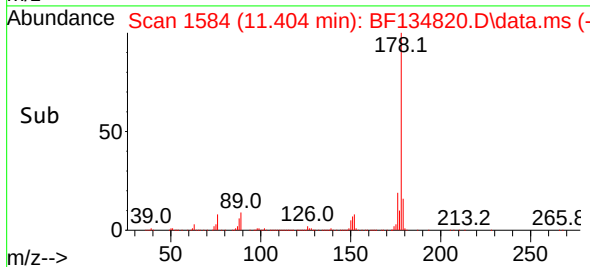
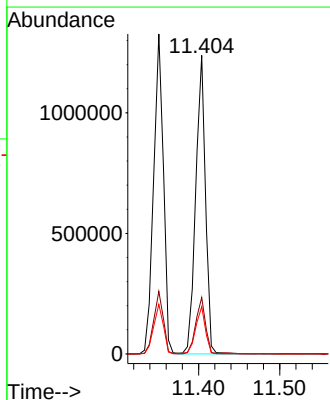
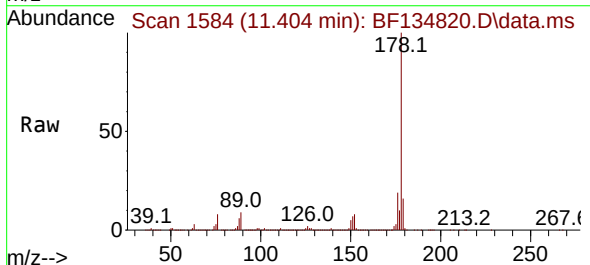
Manual Integrations
APPROVED

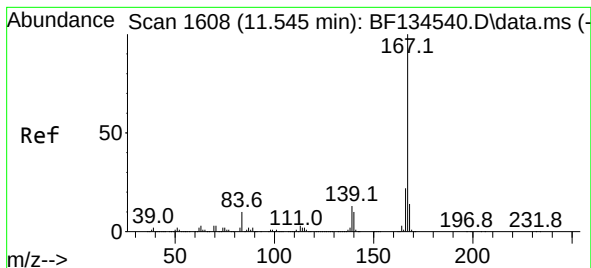
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#72
Anthracene
Concen: 46.579 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Tgt Ion:178 Resp: 1041729
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.8 12.3 18.5





#73

Carbazole

Concen: 44.819 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF134820.D

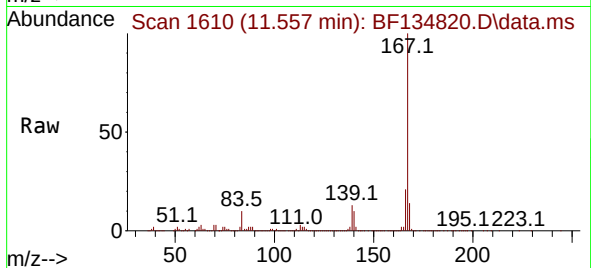
Acq: 17 Aug 2023 12:52

Instrument :

BNA_F

ClientSampleId :

EO-02-081523MSD



Tgt Ion:167 Resp: 894999

Ion Ratio Lower Upper

167 100

166 21.1 17.5 26.3

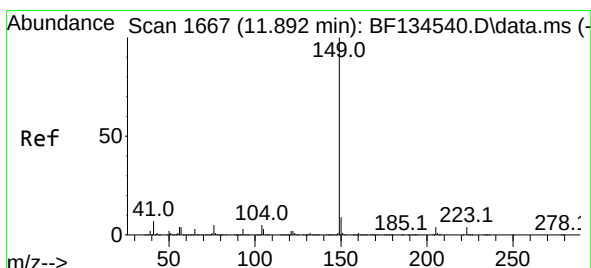
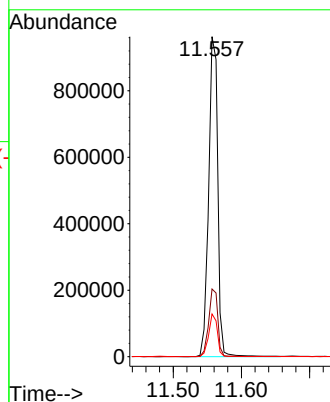
139 13.3 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#74

Di-n-butylphthalate

Concen: 49.849 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

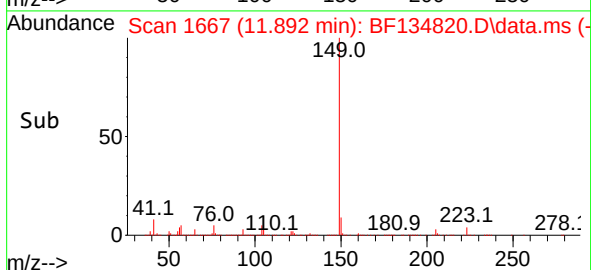
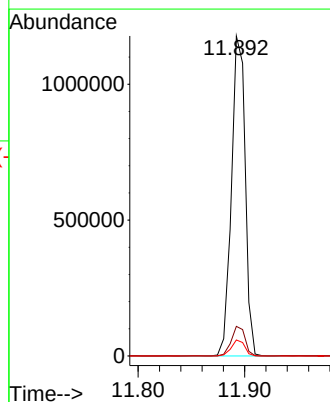
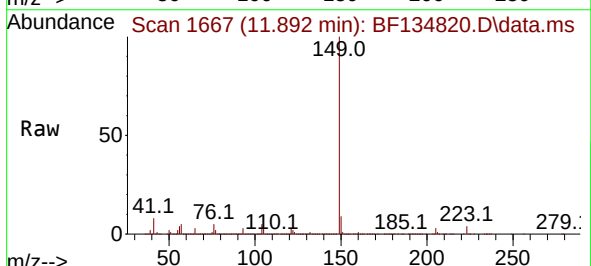
Tgt Ion:149 Resp: 1057542

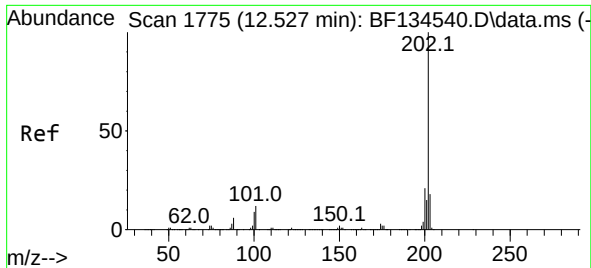
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

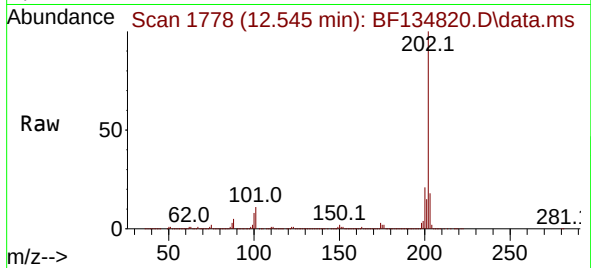
104 5.0 3.8 5.8





#75
Fluoranthene
Concen: 50.525 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

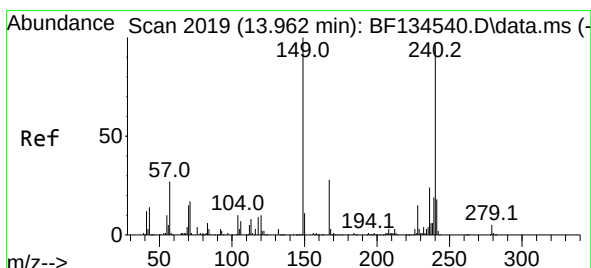
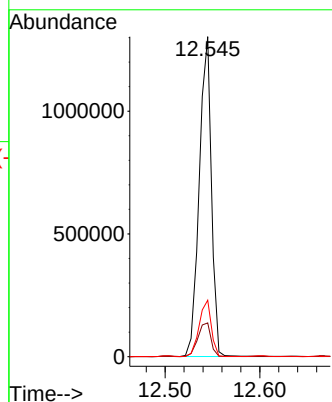
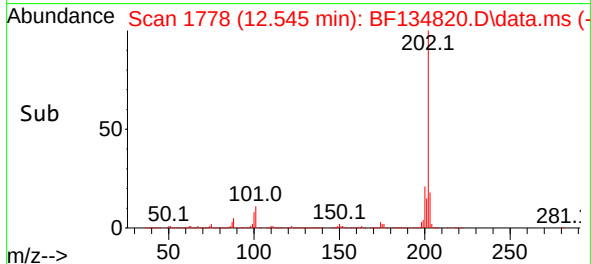
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:202 Resp: 1168550
Ion Ratio Lower Upper
202 100
101 10.6 0.0 28.5
203 17.7 0.0 37.5

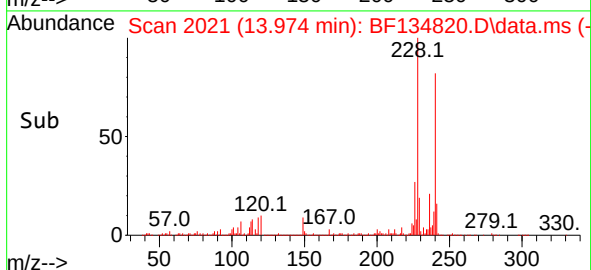
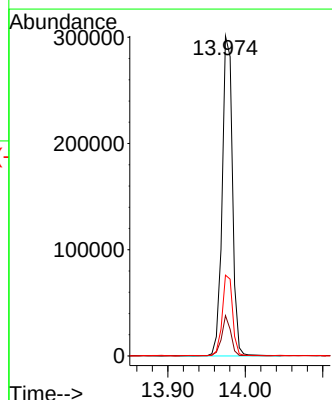
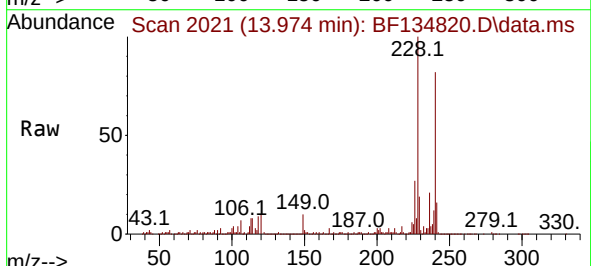
Manual Integrations
APPROVED

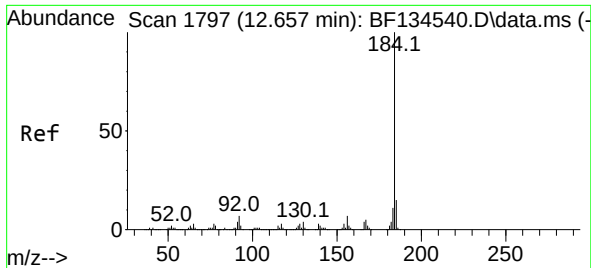
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Tgt Ion:240 Resp: 277649
Ion Ratio Lower Upper
240 100
120 12.6 6.6 10.0#
236 25.3 20.2 30.2





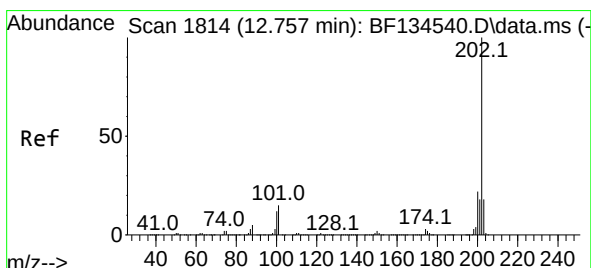
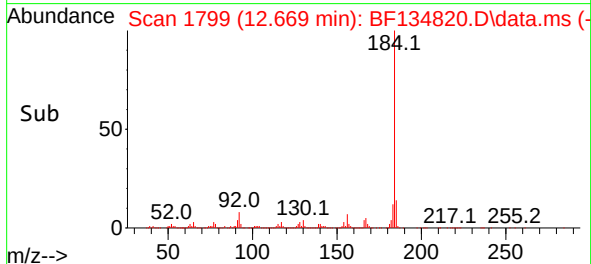
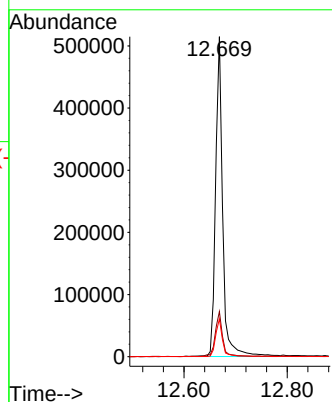
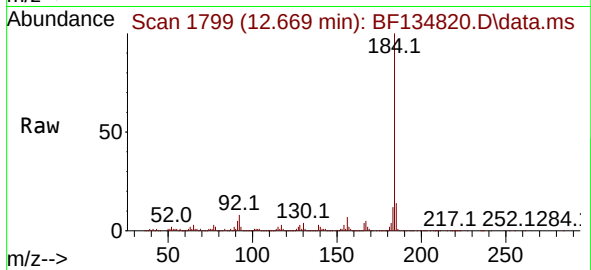
#77
Benzidine
Concen: 81.363 ng
RT: 12.669 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD

Tgt Ion:184 Resp: 49038
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 11.8 8.6 13.0

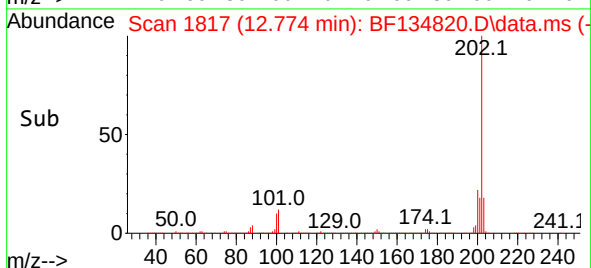
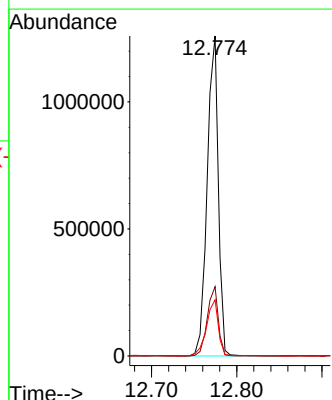
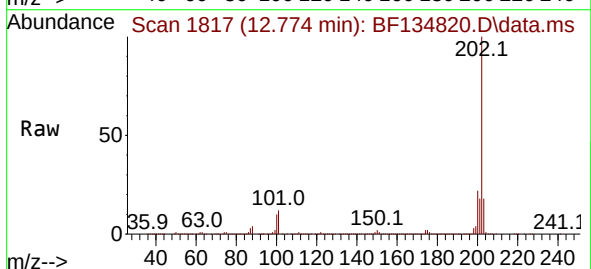
Manual Integrations
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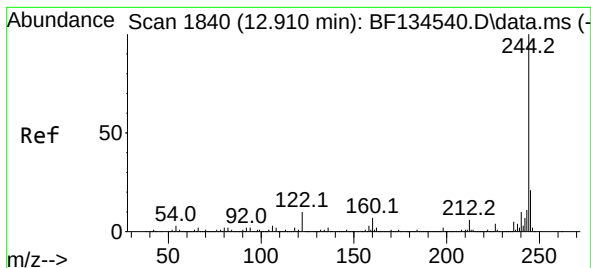
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#78
Pyrene
Concen: 47.512 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Tgt Ion:202 Resp: 1141493
Ion Ratio Lower Upper
202 100
200 21.6 15.8 23.8
203 17.5 13.5 20.3





#79

Terphenyl-d14

Concen: 66.131 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF134820.D

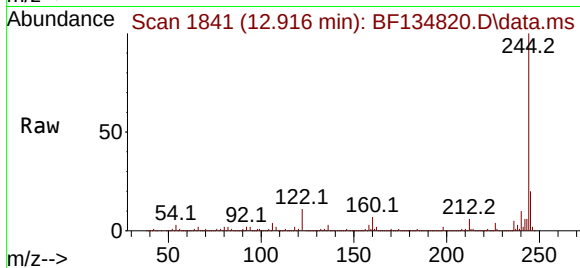
Acq: 17 Aug 2023 12:52

Instrument :

BNA_F

ClientSampleId :

EO-02-081523MSD



Tgt Ion:244 Resp: 1041550

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

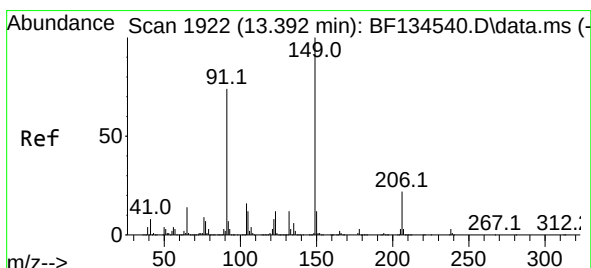
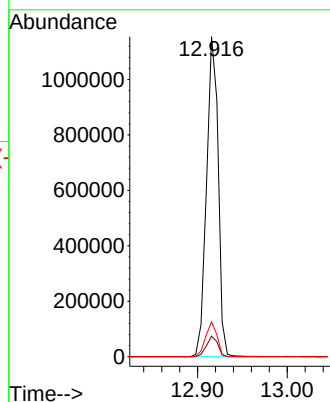
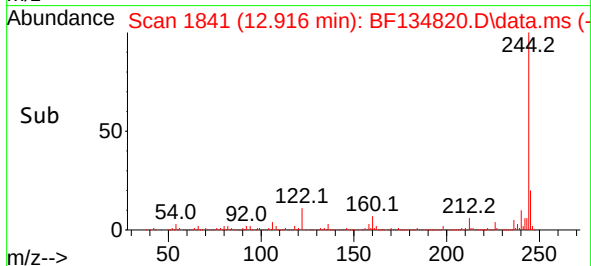
122 10.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#80

Butylbenzylphthalate

Concen: 48.762 ng

RT: 13.398 min Scan# 1923

Delta R.T. 0.000 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

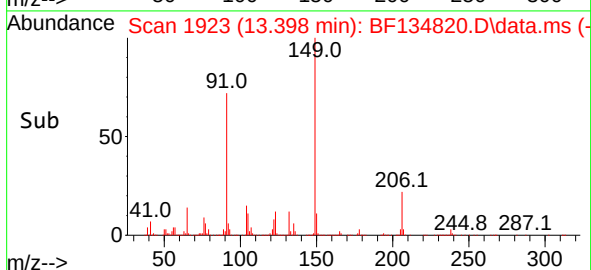
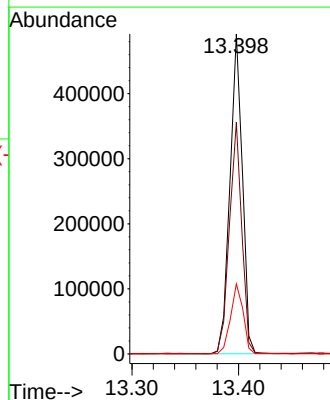
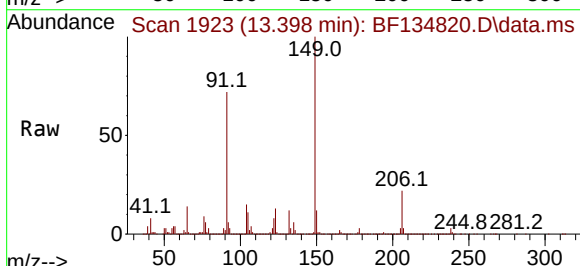
Tgt Ion:149 Resp: 396145

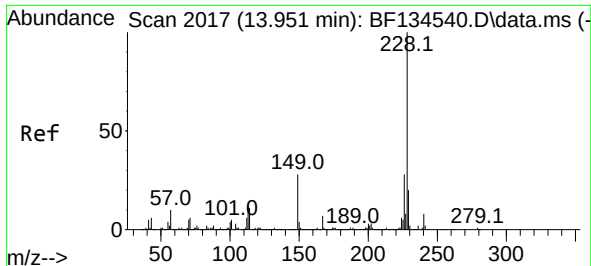
Ion Ratio Lower Upper

149 100

91 72.5 55.8 83.6

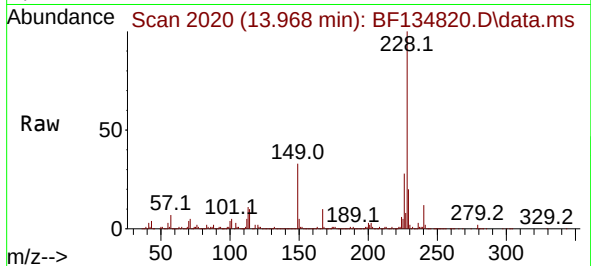
206 21.9 14.6 21.8#





#81
Benzo(a)anthracene
Concen: 45.585 ng
RT: 13.968 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

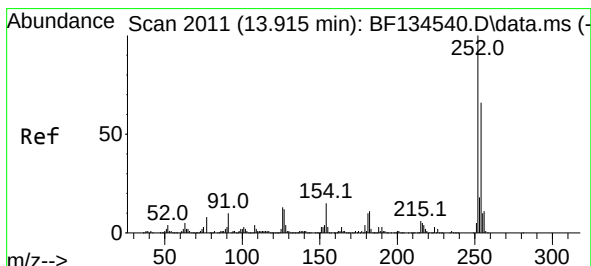
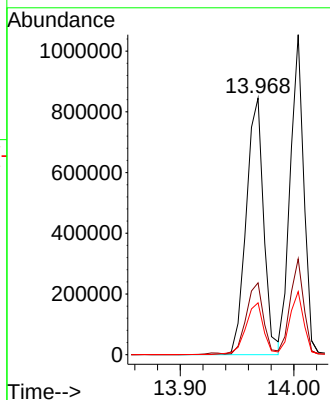
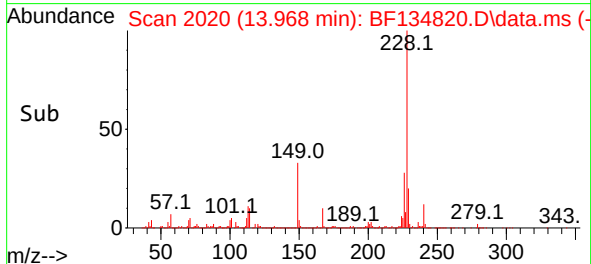
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:228 Resp: 905018
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.2 15.8 23.6

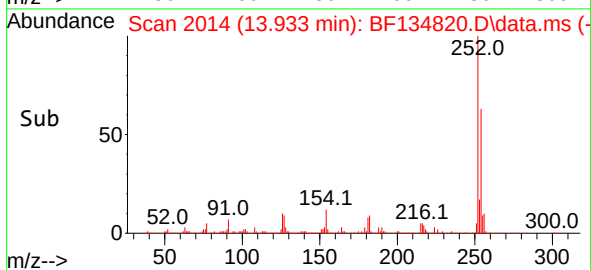
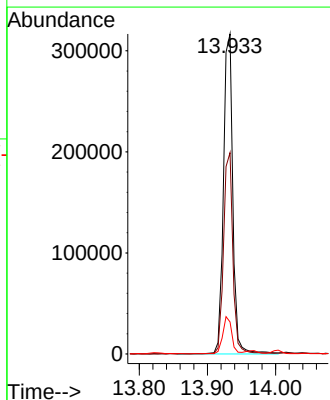
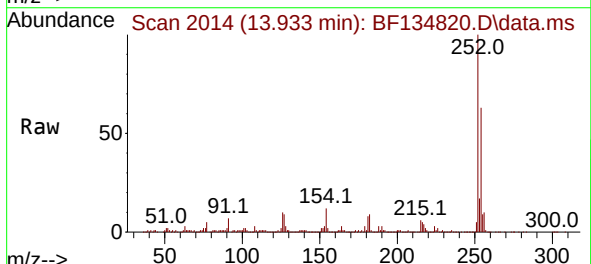
Manual Integrations
APPROVED

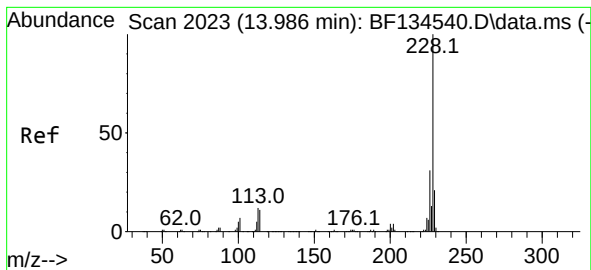
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#82
3,3'-Dichlorobenzidine
Concen: 52.643 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Tgt Ion:252 Resp: 302944
Ion Ratio Lower Upper
252 100
254 62.9 52.7 79.1
126 10.0 7.2 10.8





#83

Chrysene

Concen: 45.023 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

Instrument :

BNA_F

ClientSampleId :

EO-02-081523MSD

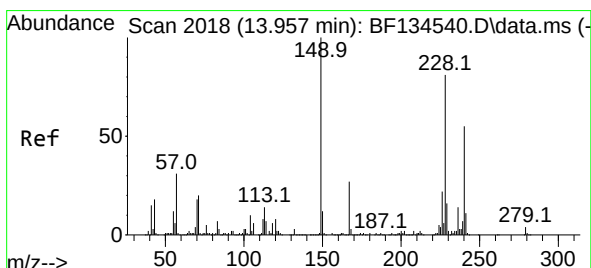
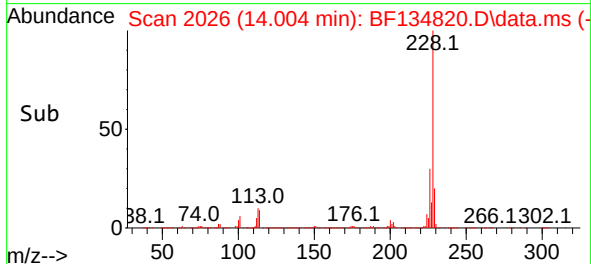
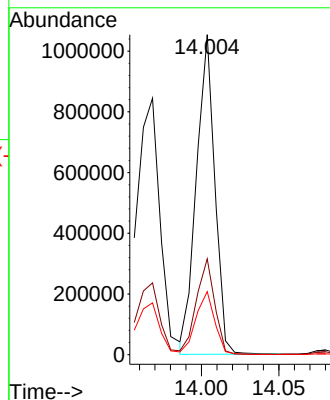
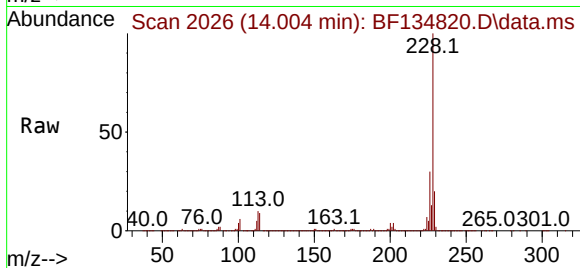
Tgt Ion:	228	Resp:	87084
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.5	36.7
229	19.7	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.004 ng

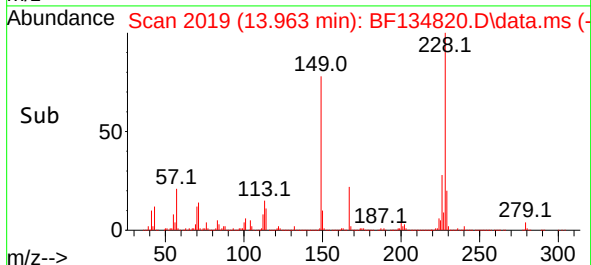
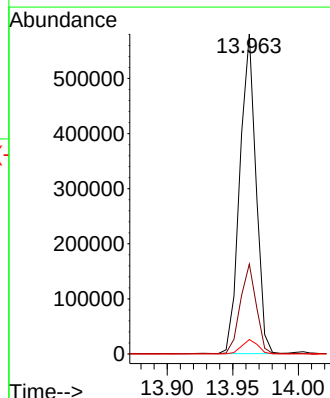
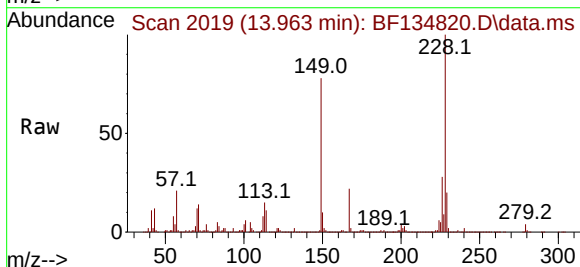
RT: 13.963 min Scan# 2019

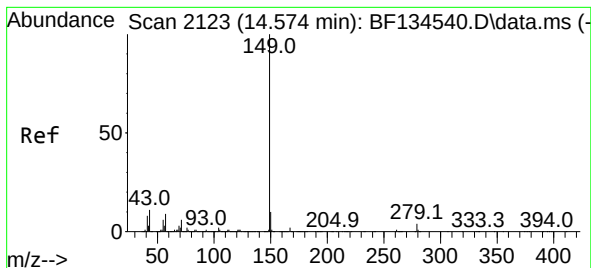
Delta R.T. 0.000 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

Tgt Ion:	149	Resp:	497180
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.6	32.4
279	4.5	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 67.241 ng

RT: 14.580 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

Instrument :

BNA_F

ClientSampleId :

EO-02-081523MSD

Tgt Ion:149 Resp: 977580

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

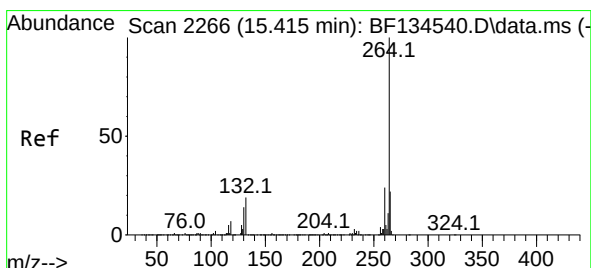
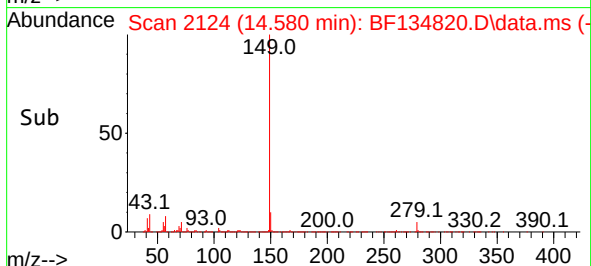
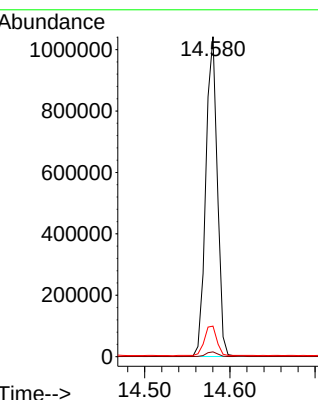
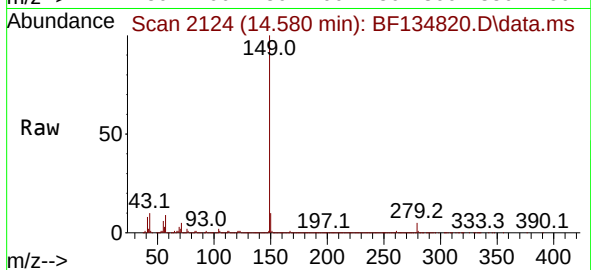
43 10.1 8.1 12.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

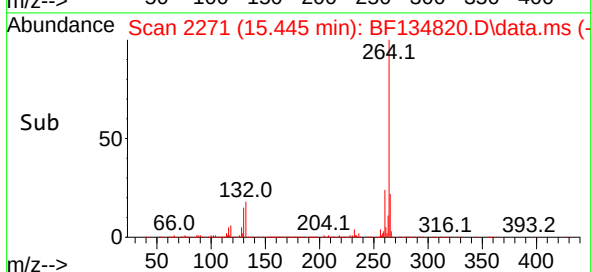
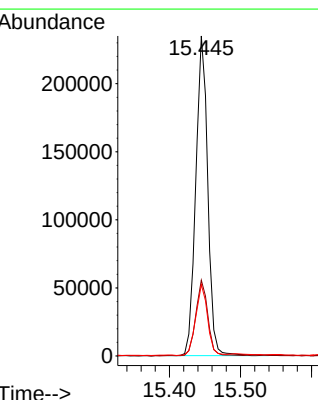
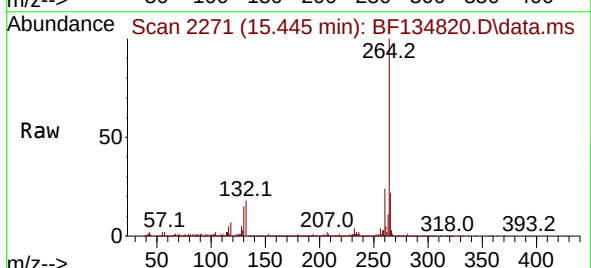
Tgt Ion:264 Resp: 276060

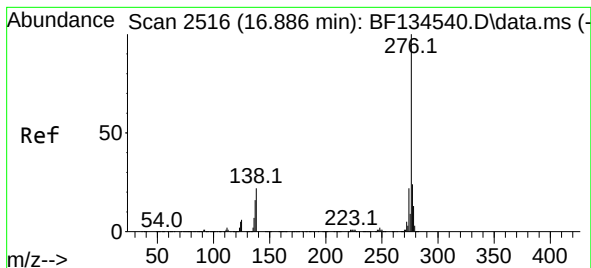
Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 22.3 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.150 ng

RT: 16.951 min Scan# 2199

Delta R.T. 0.024 min

Lab File: BF134820.D

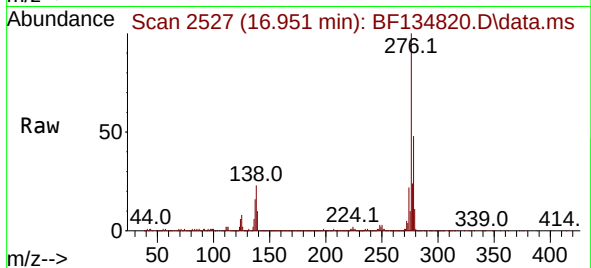
Acq: 17 Aug 2023 12:52

Instrument :

BNA_F

ClientSampleId :

EO-02-081523MSD



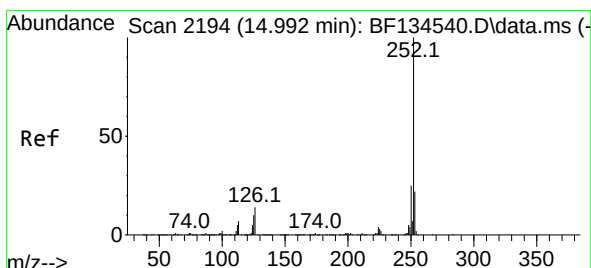
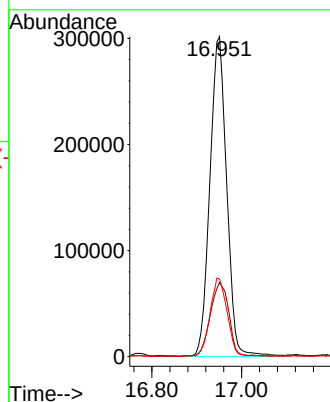
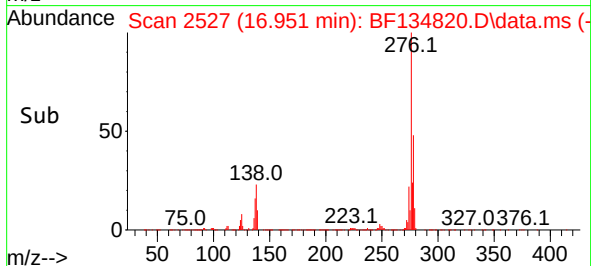
Tgt Ion:	276	Resp:	78174
Ion Ratio	Lower	Upper	
276	100		
138	25.2	14.2	21.4
277	24.9	19.9	29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :mohammad ahmed 08/18/2023



#88

Benzo(b)fluoranthene

Concen: 54.264 ng

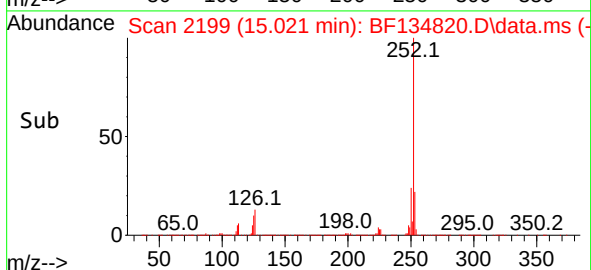
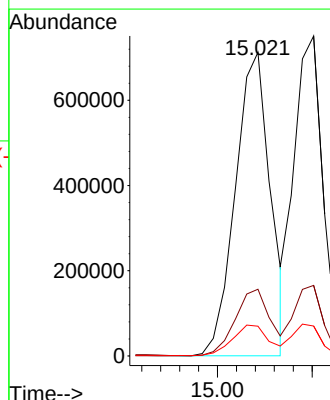
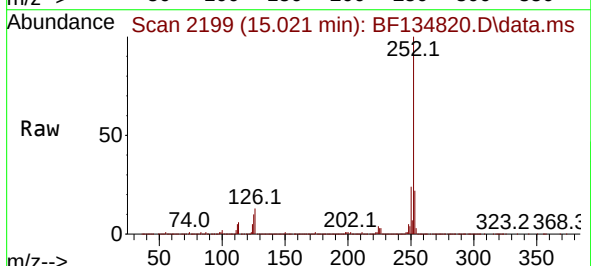
RT: 15.021 min Scan# 2199

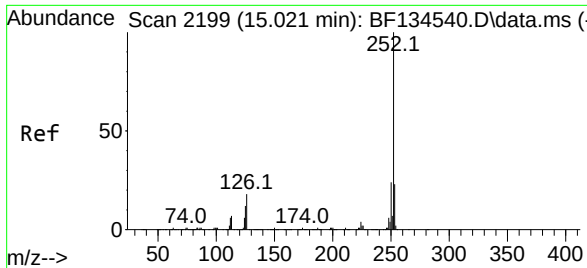
Delta R.T. 0.012 min

Lab File: BF134820.D

Acq: 17 Aug 2023 12:52

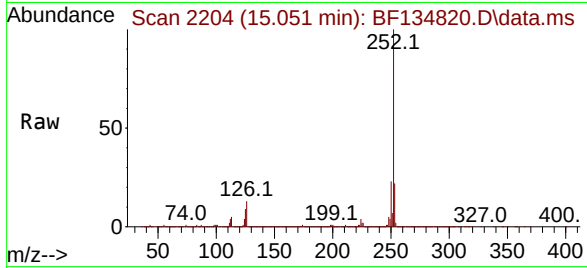
Tgt Ion:	252	Resp:	913618
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	9.8	6.0	9.0





#89
Benzo(k)fluoranthene
Concen: 46.854 ng
RT: 15.051 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

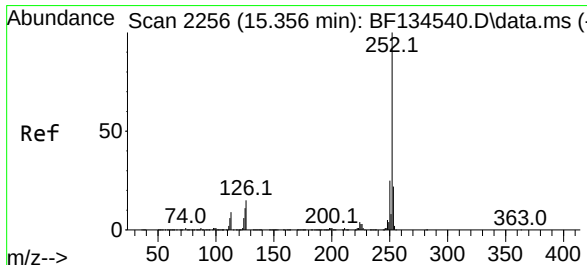
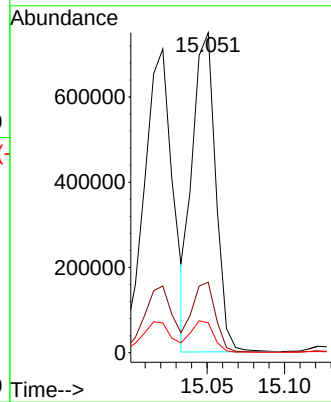
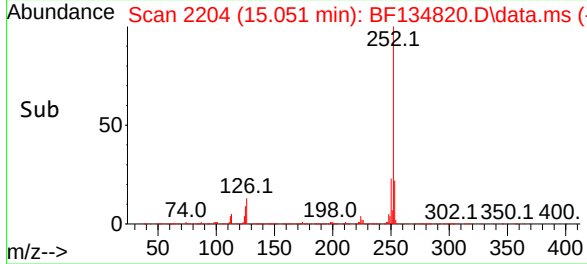
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:252 Resp: 785849
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.4 6.3 9.5

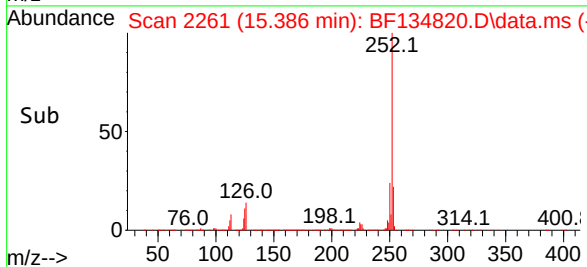
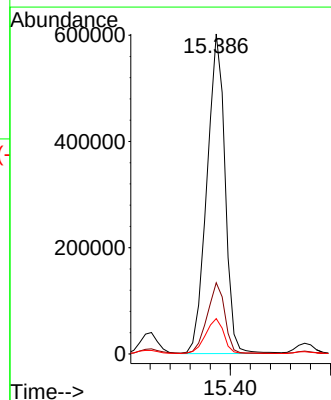
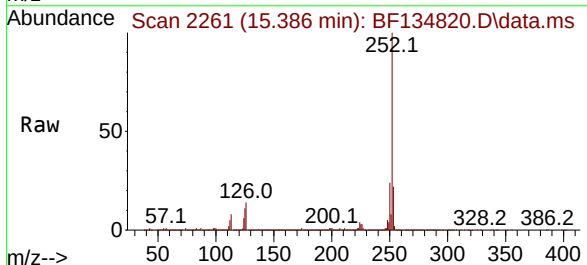
Manual Integrations
APPROVED

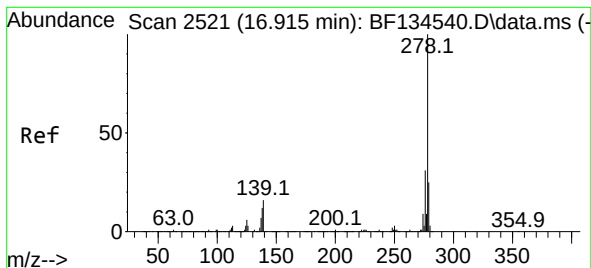
Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#90
Benzo(a)pyrene
Concen: 48.238 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

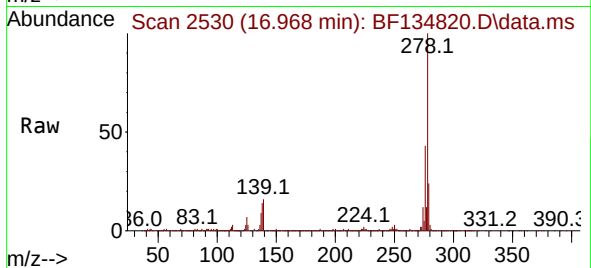
Tgt Ion:252 Resp: 757249
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 11.0 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 46.966 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

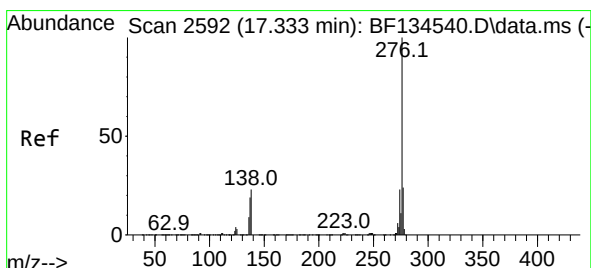
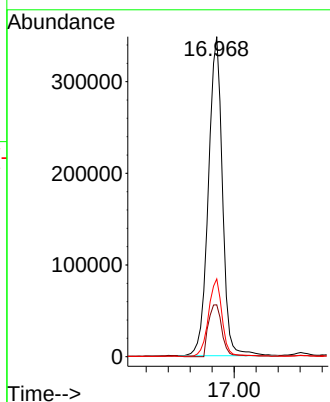
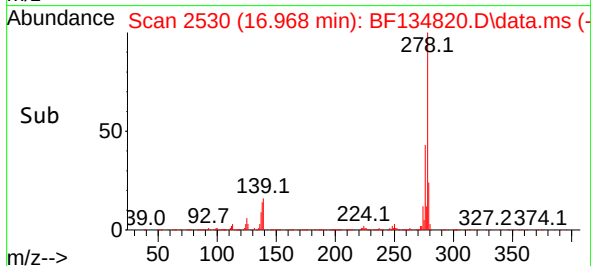
Instrument :
BNA_F
ClientSampleId :
EO-02-081523MSD



Tgt Ion:278 Resp: 61624
Ion Ratio Lower Upper
278 100
139 16.2 10.0 15.0
279 24.3 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023



#92
Benzo(g,h,i)perylene
Concen: 44.724 ng
RT: 17.398 min Scan# 2603
Delta R.T. 0.024 min
Lab File: BF134820.D
Acq: 17 Aug 2023 12:52

Tgt Ion:276 Resp: 598595
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.6
138 22.9 12.2 18.2#

