

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130009.D
 Acq On : 25 Aug 2022 20:34
 Operator : CG\JU
 Sample : N4326-01MSD 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 01:03:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	135240	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	493499	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	207065	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	313368	20.000	ng	0.00
76) Chrysene-d12	13.927	240	281205	20.000	ng	0.00
86) Perylene-d12	15.374	264	202910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	155901	19.086	ng	0.00
7) Phenol-d6	6.422	99	189062	18.483	ng	0.00
23) Nitrobenzene-d5	7.322	82	117193	12.712	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	30323	14.591	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	191634	14.056	ng	0.00
79) Terphenyl-d14	12.857	244	172570	10.211	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.440	88	22639	6.718	ng	Qvalue 97
3) Pyridine	3.275	79	55286m	6.269	ng	
4) n-Nitrosodimethylamine	3.157	42	29254	7.198	ng	# 90
6) Aniline	6.428	93	66385	5.694	ng	# 80
8) 2-Chlorophenol	6.557	128	67097	7.379	ng	96
10) Phenol	6.434	94	87900m	7.834	ng	
11) bis(2-Chloroethyl)ether	6.492	93	66563	7.812	ng	100
12) 1,3-Dichlorobenzene	6.692	146	73355	7.473	ng	98
13) 1,4-Dichlorobenzene	6.775	146	75072	7.484	ng	95
14) 1,2-Dichlorobenzene	6.928	146	70638	7.583	ng	97
15) Benzyl Alcohol	6.916	79	51921	6.724	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	94107	8.243	ng	# 70
17) 2-Methylphenol	7.034	107	55097	7.546	ng	97
18) Hexachloroethane	7.257	117	21911	5.817	ng	95
19) n-Nitroso-di-n-propyla...	7.163	70	50018	7.736	ng	98
20) 3+4-Methylphenols	7.192	107	69286	7.069	ng	91
22) Acetophenone	7.169	105	103662	8.620	ng	# 96
24) Nitrobenzene	7.345	77	73231	7.878	ng	95
25) Isophorone	7.581	82	122961	7.750	ng	99
26) 2-Nitrophenol	7.663	139	30993	6.778	ng	98
27) 2,4-Dimethylphenol	7.710	122	54746	8.349	ng	96
28) bis(2-Chloroethoxy)met...	7.786	93	79672	8.600	ng	98
29) 2,4-Dichlorophenol	7.928	162	48193	6.721	ng	96
30) 1,2,4-Trichlorobenzene	7.981	180	54157	7.159	ng	97
31) Naphthalene	8.057	128	212310	8.228	ng	99
32) Benzoic acid	7.839	122	9672m	6.359	ng	
33) 4-Chloroaniline	8.122	127	49983	4.926	ng	96
34) Hexachlorobutadiene	8.169	225	34020	7.386	ng	99
35) Caprolactam	8.469	113	13687m	6.138	ng	
36) 4-Chloro-3-methylphenol	8.622	107	49243	6.366	ng	99
37) 2-Methylnaphthalene	8.751	142	126649	7.478	ng	100
38) 1-Methylnaphthalene	8.845	142	119603	7.267	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	47767	8.294	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	28262	7.553	ng	93
44) 2,4,5-Trichlorophenol	9.098	196	25899	6.433	ng	97
46) 1,1'-Biphenyl	9.210	154	136295	8.664	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.239	162	97688	7.849	ng	99
48) 2-Nitroaniline	9.351	65	30887	7.853	ng	95
49) Acenaphthylene	9.651	152	169447	8.978	ng	99
50) Dimethylphthalate	9.510	163	118878	8.009	ng	98
51) 2,6-Dinitrotoluene	9.586	165	21097	6.552	ng	97
52) Acenaphthene	9.822	154	95805	8.367	ng	100
53) 3-Nitroaniline	9.763	138	22996	6.458	ng	97
54) 2,4-Dinitrophenol	9.922	184	60	5.510	ng	# 51
55) Dibenzofuran	9.998	168	136143	7.914	ng	96
56) 4-Nitrophenol	9.975	139	10147m	6.405	ng	
57) 2,4-Dinitrotoluene	9.998	165	25905	6.197	ng	# 79
58) Fluorene	10.339	166	122385	8.520	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.128	232	18514	6.267	ng	# 79
60) Diethylphthalate	10.204	149	112009	7.568	ng	96
61) 4-Chlorophenyl-phenyle...	10.328	204	45480	7.055	ng	97
62) 4-Nitroaniline	10.375	138	24258m	6.753	ng	
63) Azobenzene	10.486	77	94252	6.662	ng	98
66) n-Nitrosodiphenylamine	10.451	169	84582	7.997	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	25975	7.077	ng	93
68) Hexachlorobenzene	10.886	284	27285	6.863	ng	94
69) Atrazine	10.975	200	26340	8.114	ng	97
70) Pentachlorophenol	11.104	266	12940m	15.336	ng	
71) Phenanthrene	11.304	178	369081	21.089	ng	98
72) Anthracene	11.357	178	197395	11.342	ng	99
73) Carbazole	11.522	167	133503	8.450	ng	98
74) Di-n-butylphthalate	11.833	149	155142	7.630	ng	98
75) Fluoranthene	12.498	202	532867	29.754	ng	99
78) Pyrene	12.727	202	521921	21.358	ng	100
80) Butylbenzylphthalate	13.333	149	72249	6.987	ng	100
81) Benzo(a)anthracene	13.916	228	326140	16.860	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	40774	6.806	ng	98
83) Chrysene	13.957	228	291790	16.114	ng	98
84) Bis(2-ethylhexyl)phtha...	13.886	149	106957	8.719	ng	98
85) Di-n-octyl phthalate	14.498	149	167165	9.871	ng	# 100
87) Indeno(1,2,3-cd)pyrene	16.821	276	153171	10.996	ng	94
88) Benzo(b)fluoranthene	14.962	252	270969	19.502	ng	99
89) Benzo(k)fluoranthene	14.986	252	151805	11.393	ng	98
90) Benzo(a)pyrene	15.315	252	194644	17.789	ng	98
91) Dibenzo(a,h)anthracene	16.821	278	91895	7.995	ng	# 94
92) Benzo(g,h,i)perylene	17.262	276	129172	11.265	ng	95

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

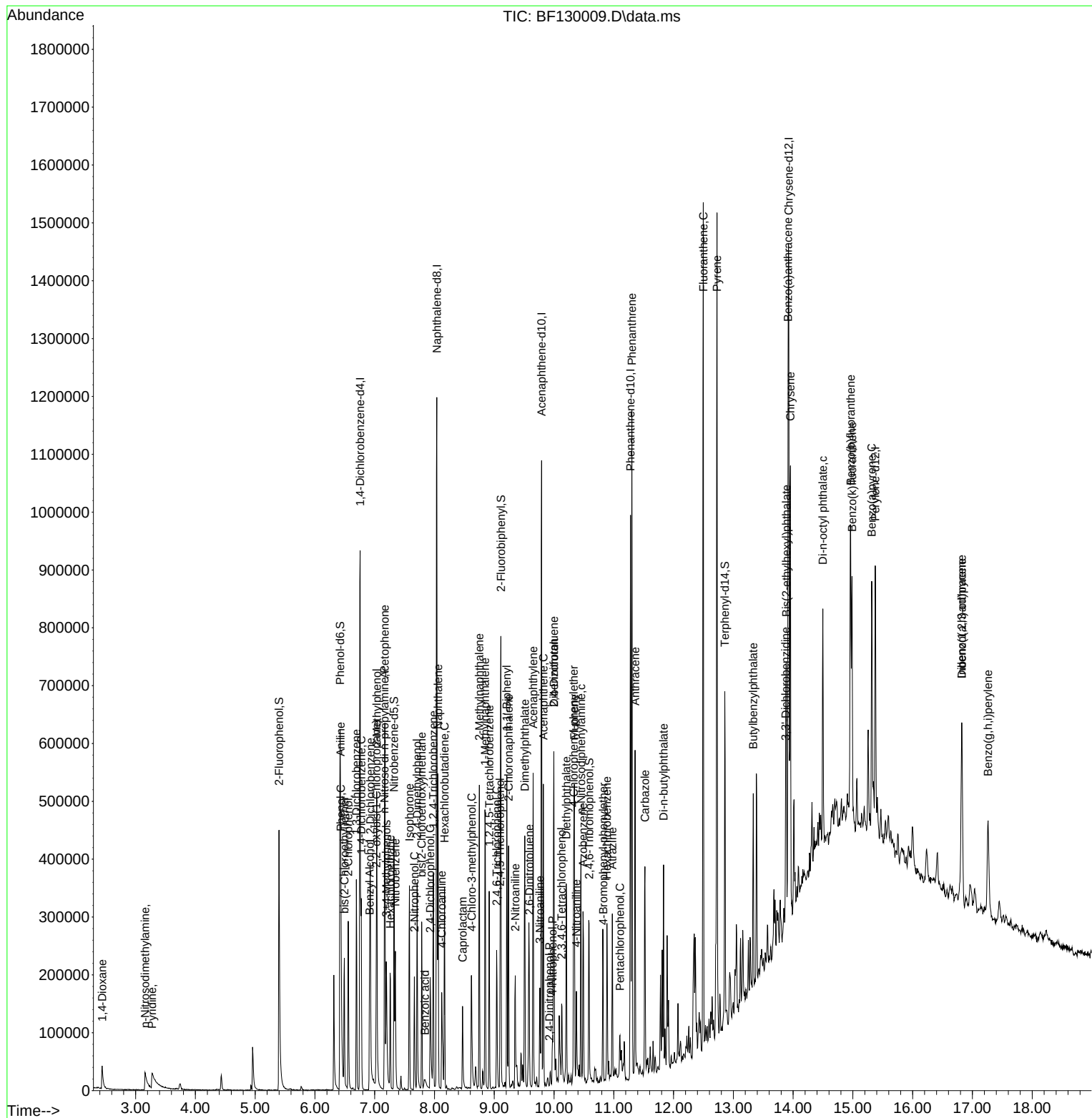
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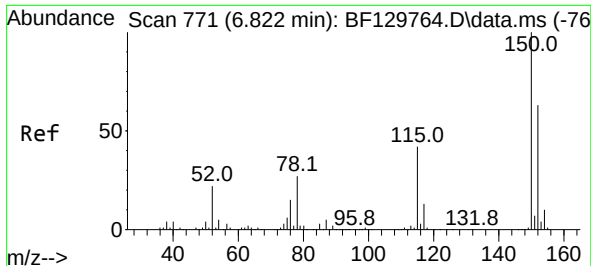
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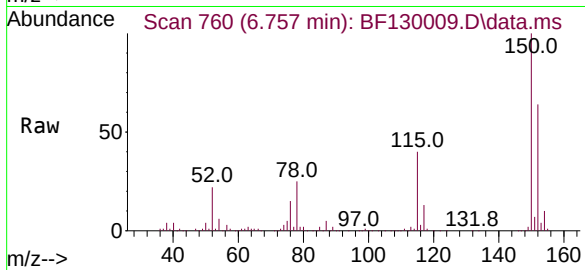
Reviewed By : Christian Giraldo 08/26/2022
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

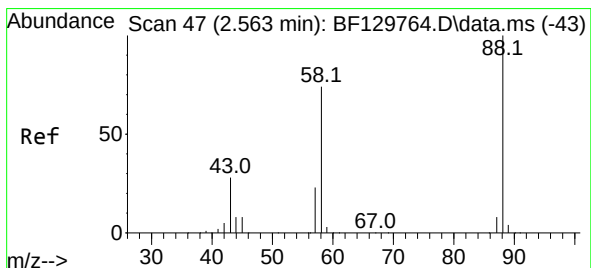
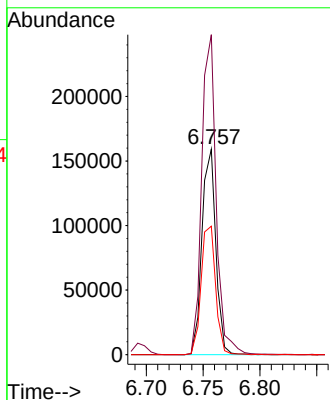
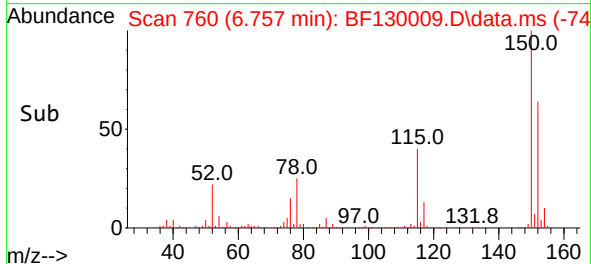
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MSD



Tgt Ion: 152 Resp: 135240
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.9 190.3
 115 62.5 53.4 80.0

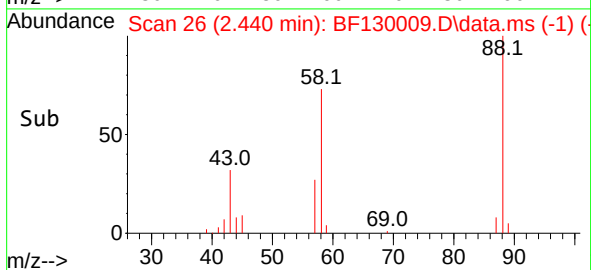
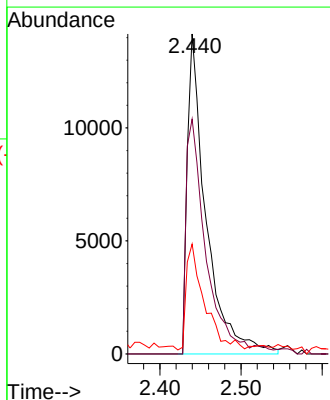
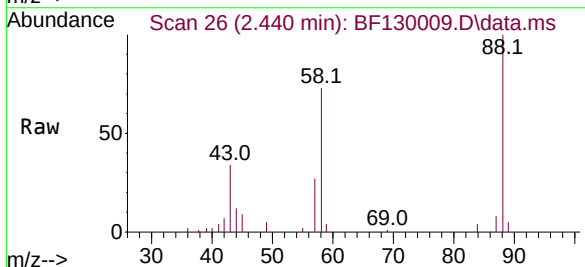
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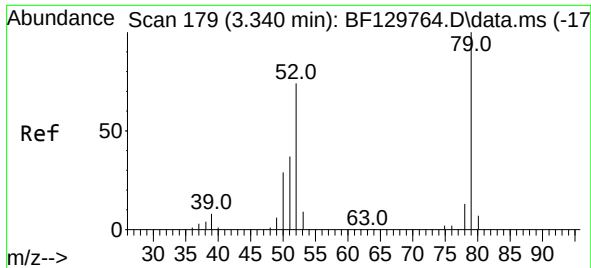
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#2
 1,4-Dioxane
 Concen: 6.718 ng
 RT: 2.440 min Scan# 26
 Delta R.T. -0.006 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

Tgt Ion: 88 Resp: 22639
 Ion Ratio Lower Upper
 88 100
 58 78.4 60.9 91.3
 43 32.2 23.6 35.4





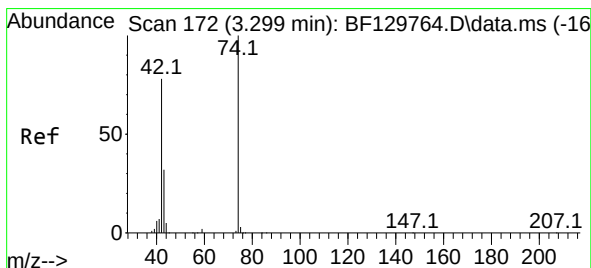
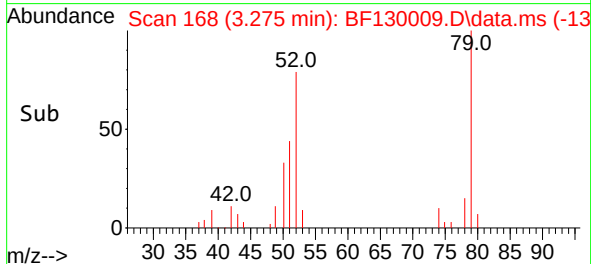
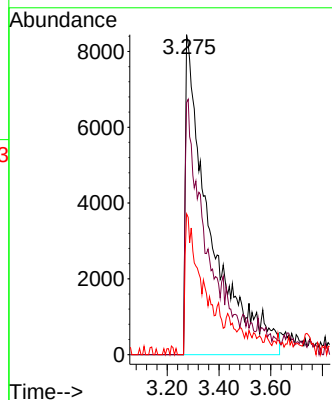
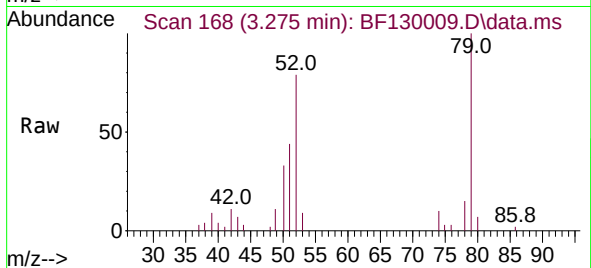
#3
Pyridine
Concen: 6.269 ng m
RT: 3.275 min Scan# 10
Delta R.T. 0.071 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

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ClientSampleId :
SU-03-082322MSD

Tgt Ion: 79 Resp: 55286
Ion Ratio Lower Upper
79 100
52 78.8 59.4 89.2
51 44.0 29.5 44.3

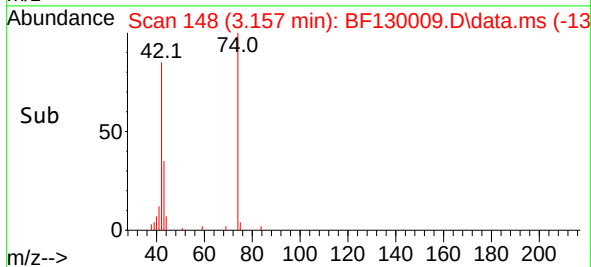
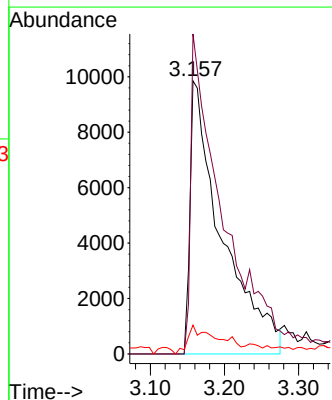
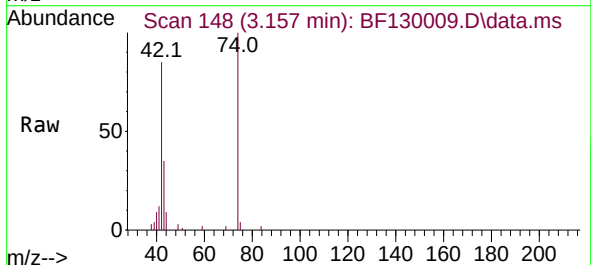
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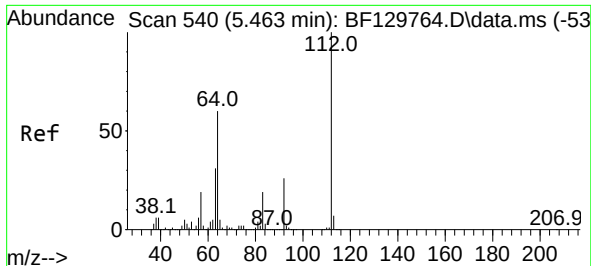
Reviewed By :Christian Giraldo 08/26/2022
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#4
n-Nitrosodimethylamine
Concen: 7.198 ng
RT: 3.157 min Scan# 148
Delta R.T. -0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion: 42 Resp: 29254
Ion Ratio Lower Upper
42 100
74 117.2 103.1 154.7
44 10.5 5.4 8.2#





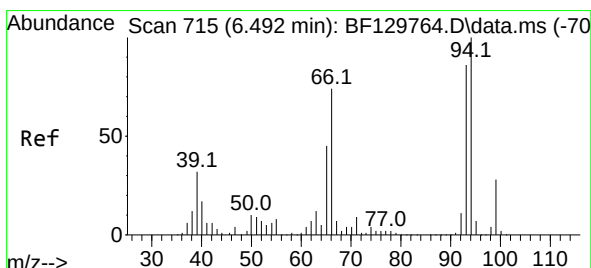
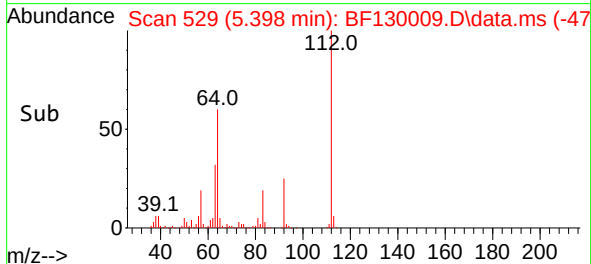
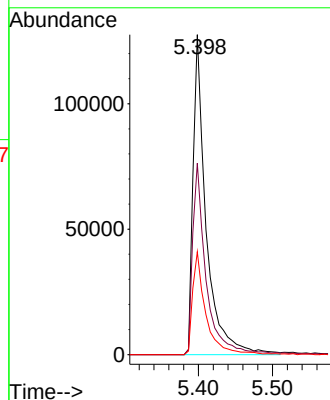
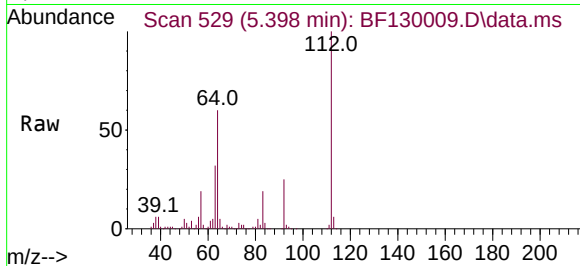
#5
2-Fluorophenol
Concen: 19.086 ng
RT: 5.398 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

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ClientSampleId :
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Tgt Ion: 112 Resp: 155901
Ion Ratio Lower Upper
112 100
64 59.8 47.6 71.4
63 32.1 24.6 37.0

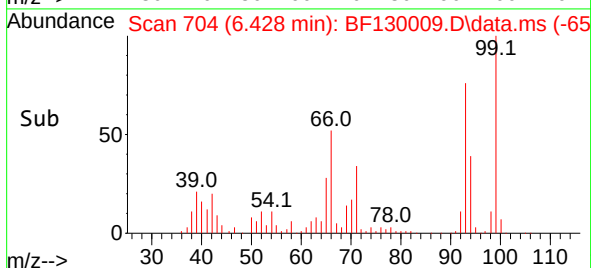
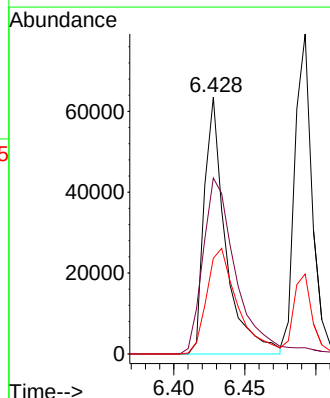
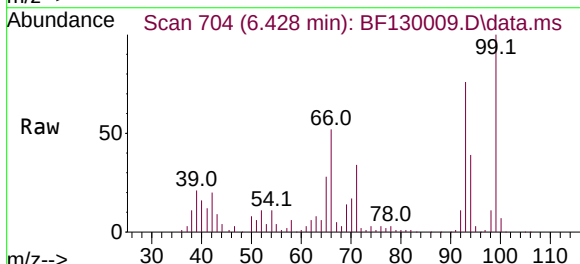
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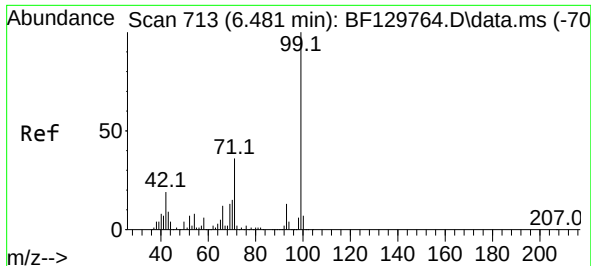
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#6
Aniline
Concen: 5.694 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

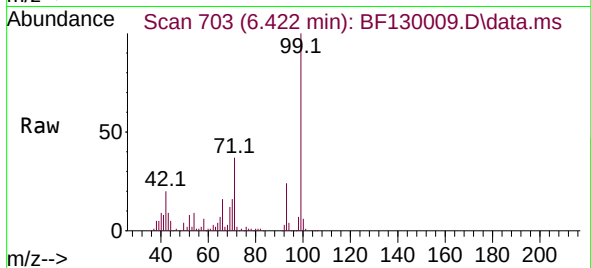
Tgt Ion: 93 Resp: 66385
Ion Ratio Lower Upper
93 100
66 68.6 68.7 103.1#
65 37.2 41.6 62.4#





#7
Phenol-d6
Concen: 18.483 ng
RT: 6.422 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

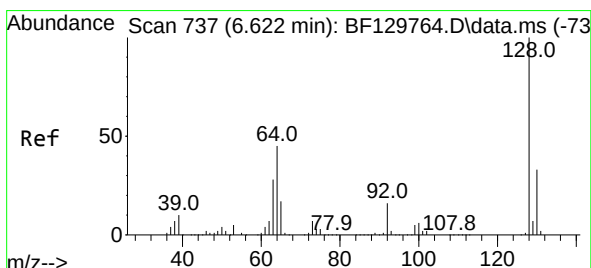
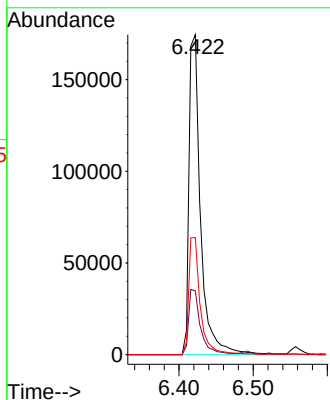
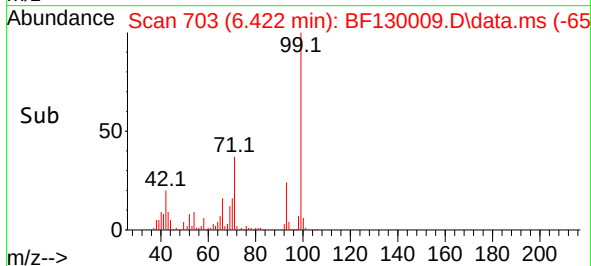
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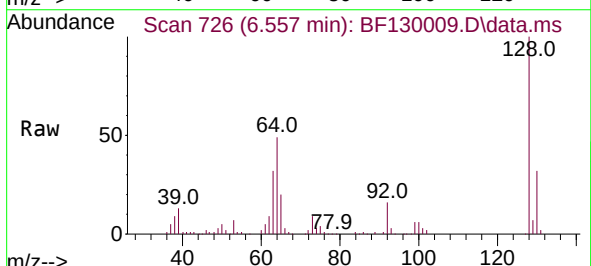
Tgt Ion: 99 Resp: 189062
Ion Ratio Lower Upper
99 100
42 19.9 15.0 22.4
71 36.6 28.8 43.2

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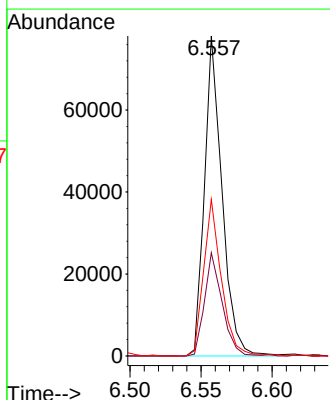
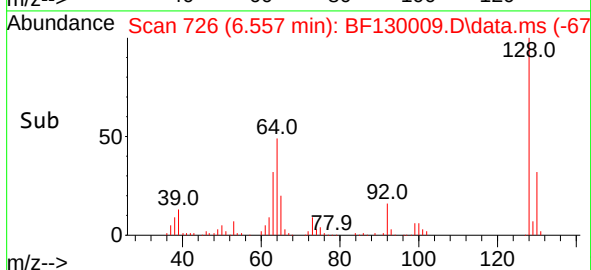
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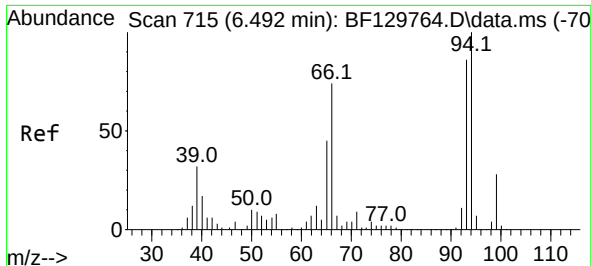


#8
2-Chlorophenol
Concen: 7.379 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34



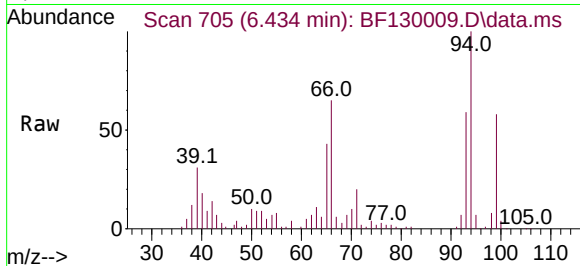
Tgt Ion:128 Resp: 67097
Ion Ratio Lower Upper
128 100
130 32.2 12.5 52.5
64 48.9 24.9 64.9





#10
Phenol
Concen: 7.834 ng m
RT: 6.434 min Scan# 705
Delta R.T. -0.000 min
Lab File: BF130009.D
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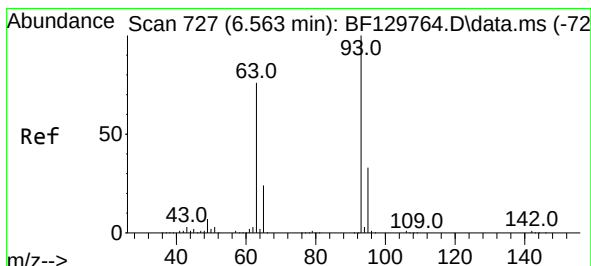
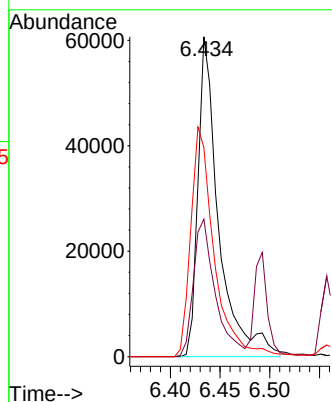
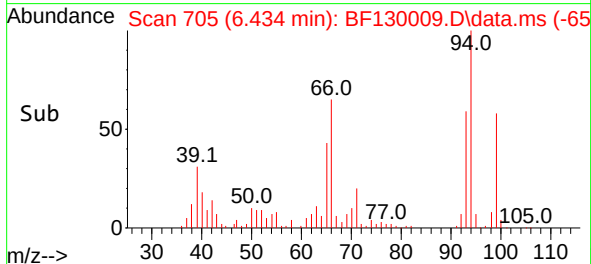
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Tgt Ion: 94 Resp: 87900
Ion Ratio Lower Upper
94 100
65 43.0 24.9 64.9
66 65.4 54.2 94.2

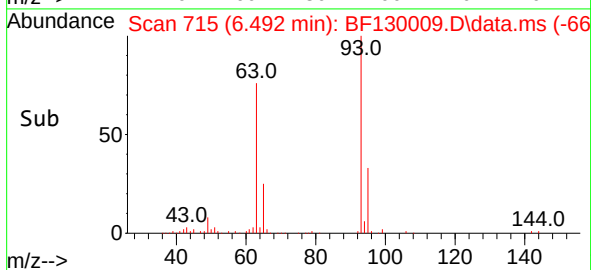
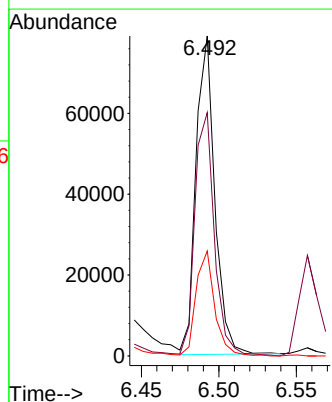
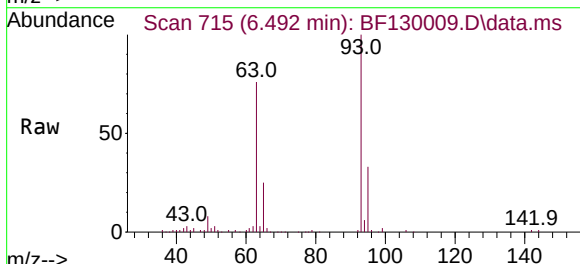
Manual Integrations
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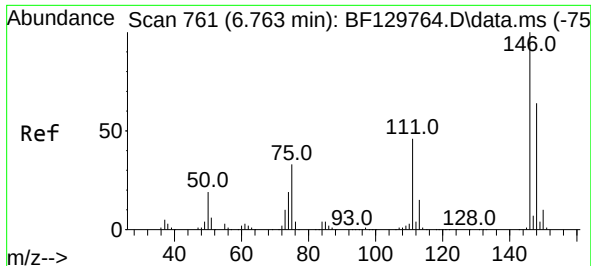
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#11
bis(2-Chloroethyl)ether
Concen: 7.812 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion: 93 Resp: 66563
Ion Ratio Lower Upper
93 100
63 76.0 55.9 95.9
95 32.8 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 7.473 ng

RT: 6.692 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

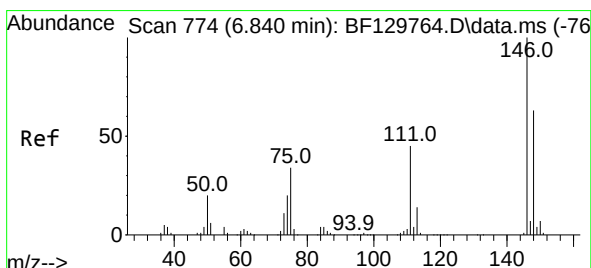
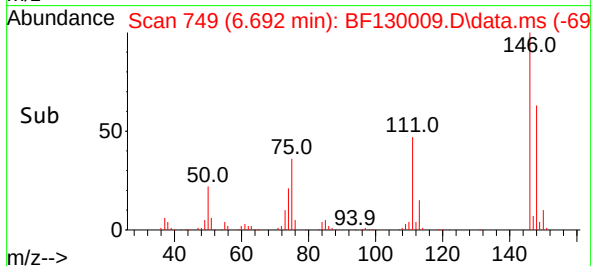
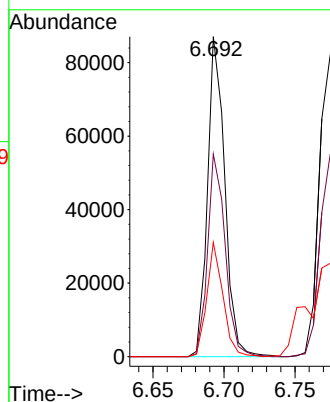
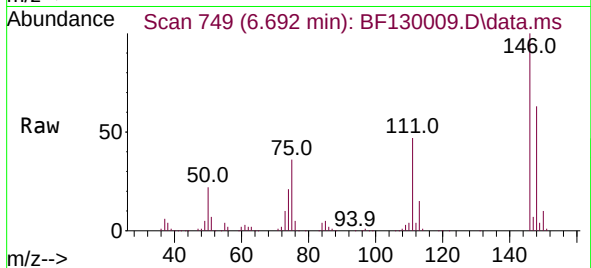
SU-03-082322MSD

Tgt Ion:	146	Resp:	7335
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.2	76.8
75	35.7	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#13

1,4-Dichlorobenzene

Concen: 7.484 ng

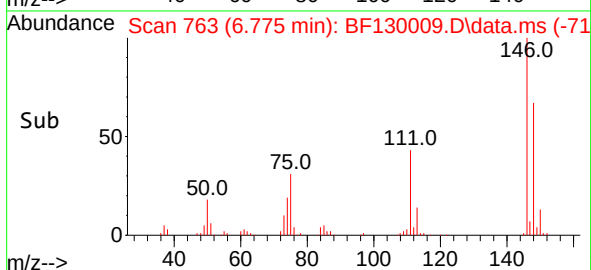
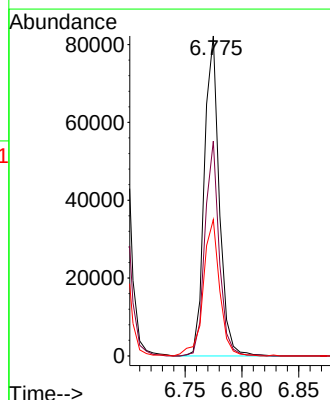
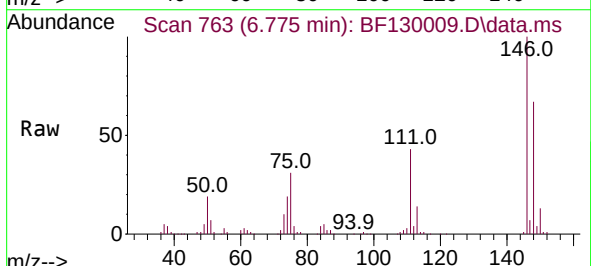
RT: 6.775 min Scan# 763

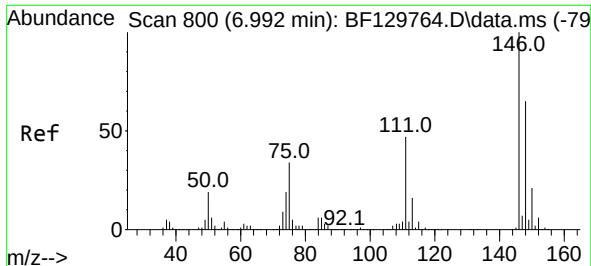
Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Tgt Ion:	146	Resp:	75072
Ion Ratio	Lower	Upper	
146	100		
148	67.1	50.6	75.8
111	42.6	36.2	54.4





#14

1,2-Dichlorobenzene

Concen: 7.583 ng

RT: 6.928 min Scan# 789

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

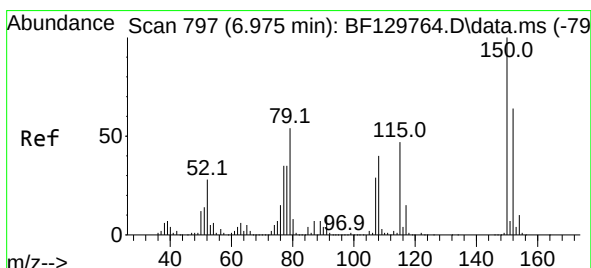
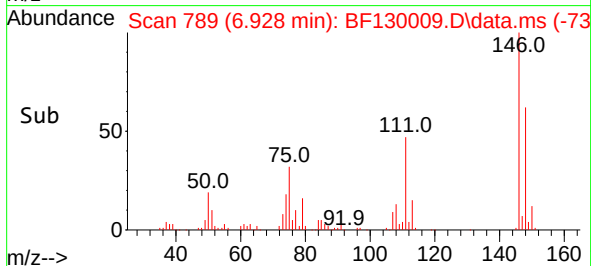
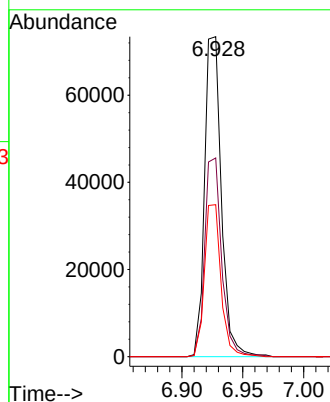
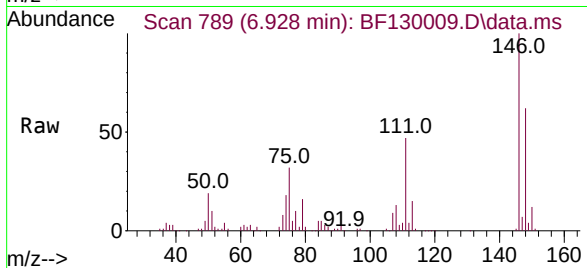
SU-03-082322MSD

Tgt Ion:146 Resp: 70638
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.8 77.6
 111 47.5 37.2 55.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#15

Benzyl Alcohol

Concen: 6.724 ng

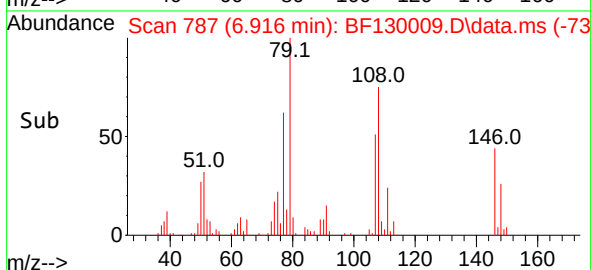
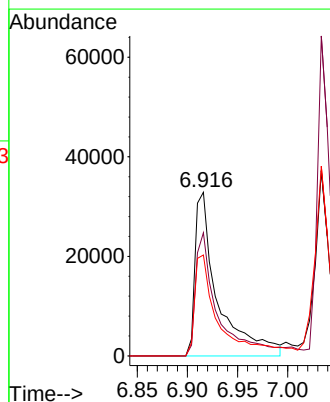
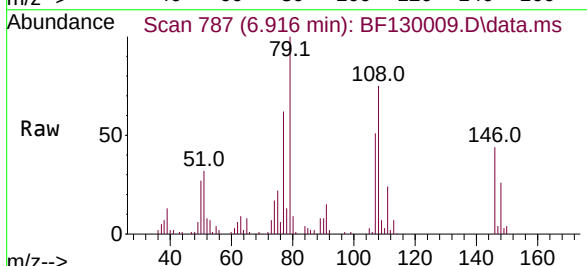
RT: 6.916 min Scan# 787

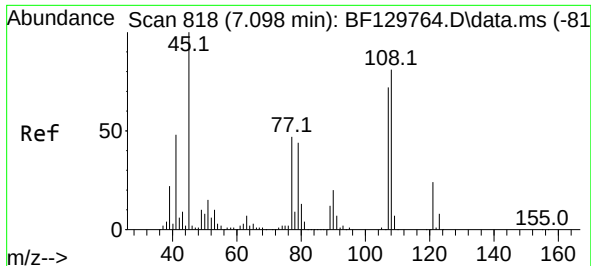
Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

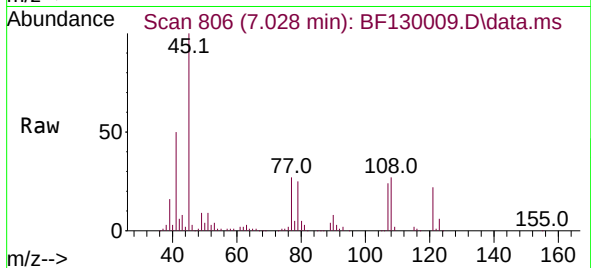
Tgt Ion: 79 Resp: 51921
 Ion Ratio Lower Upper
 79 100
 108 75.2 59.2 88.8
 77 61.6 51.9 77.9





#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.243 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

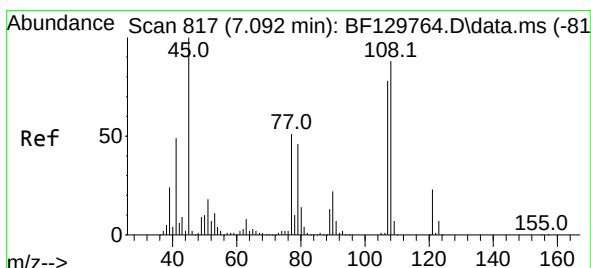
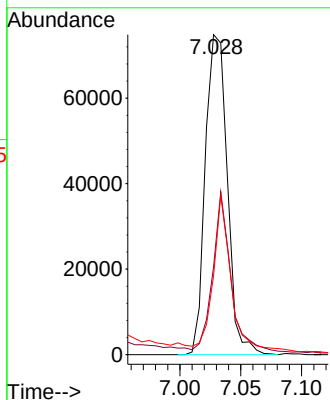
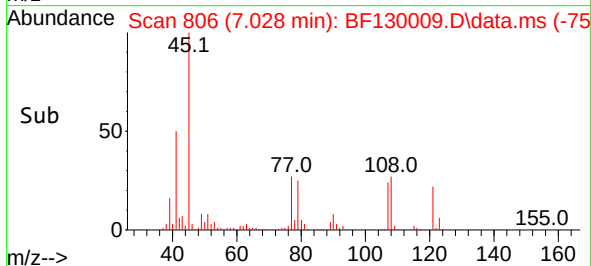
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion: 45 Resp: 94107
Ion Ratio Lower Upper
45 100
77 27.4 27.4 67.4
79 24.6 24.4 64.4

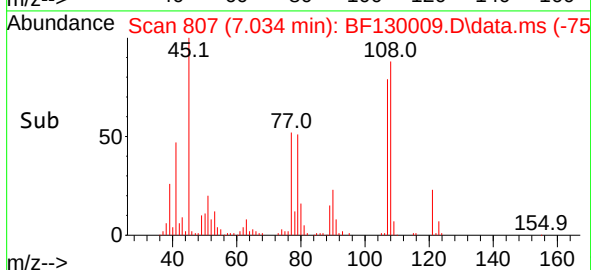
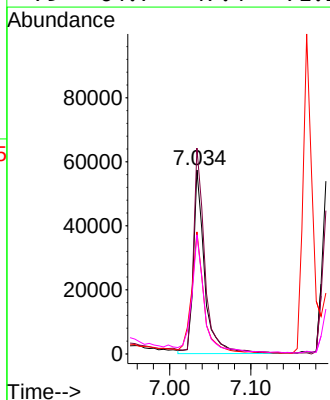
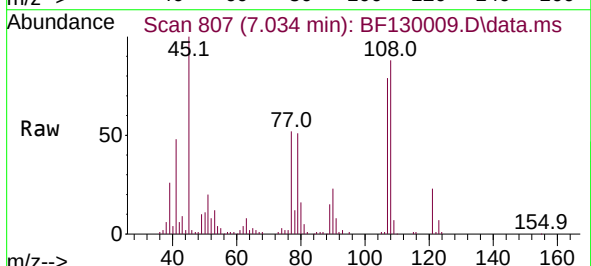
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APPROVED

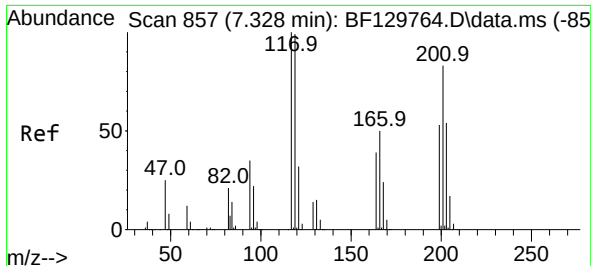
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#17
2-Methylphenol
Concen: 7.546 ng
RT: 7.034 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

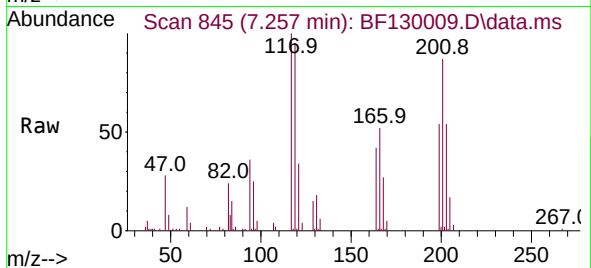
Tgt Ion:107 Resp: 55097
Ion Ratio Lower Upper
107 100
108 111.9 90.2 135.2
77 66.3 51.8 77.8
79 64.7 47.4 71.2





#18
Hexachloroethane
Concen: 5.817 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

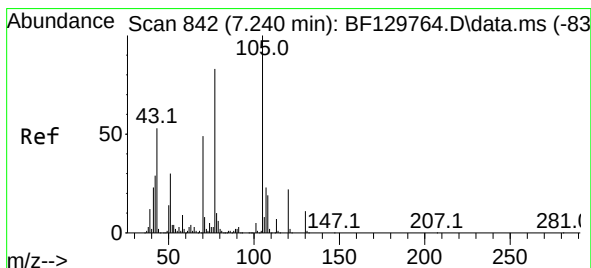
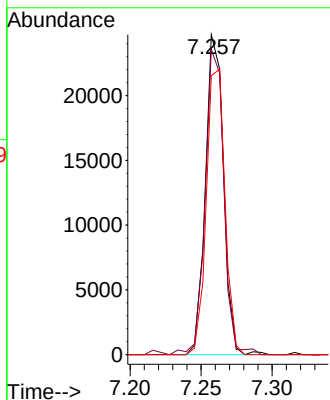
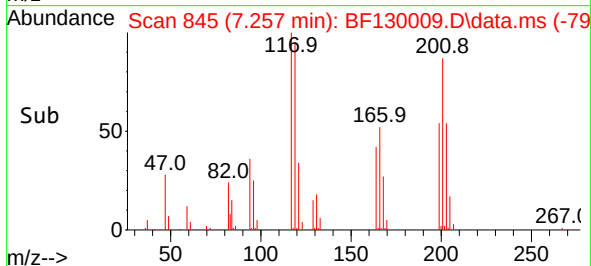
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



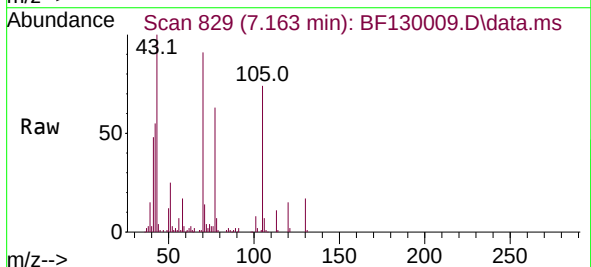
Tgt Ion: 117 Resp: 21911
Ion Ratio Lower Upper
117 100
119 95.3 79.1 118.7
201 88.7 66.6 100.0

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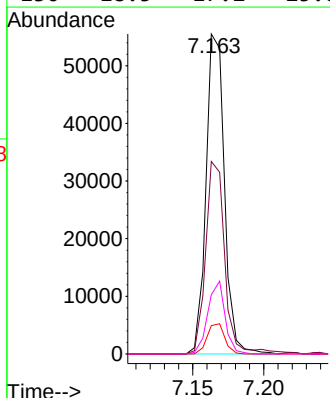
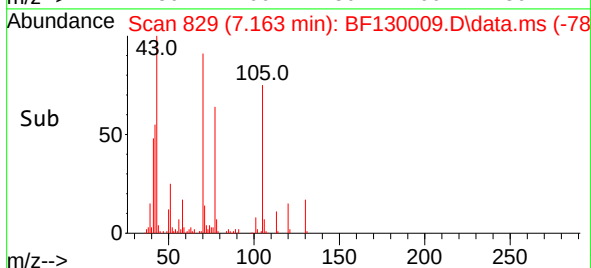
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

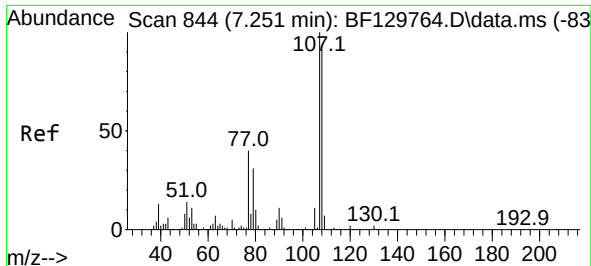


#19
n-Nitroso-di-n-propylamine
Concen: 7.736 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.018 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34



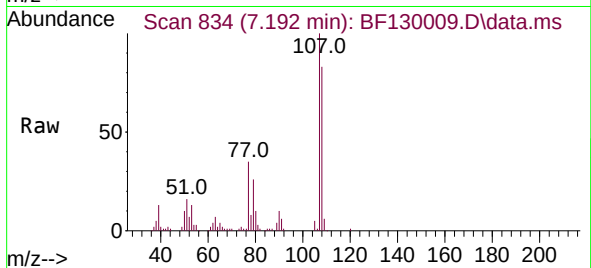
Tgt Ion: 70 Resp: 50018
Ion Ratio Lower Upper
70 100
42 60.1 47.6 71.4
101 8.8 8.1 12.1
130 18.5 17.2 25.8





#20
3+4-Methylphenols
Concen: 7.069 ng
RT: 7.192 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

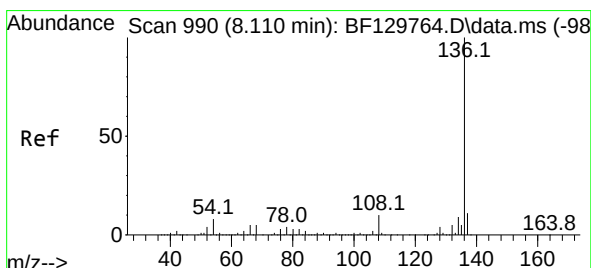
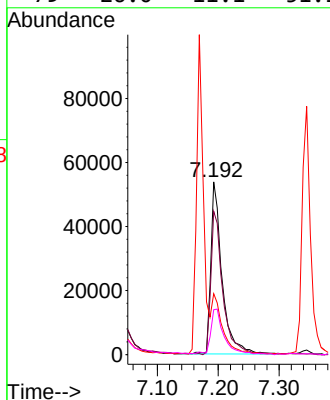
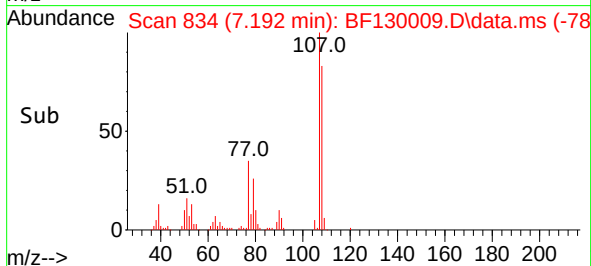
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



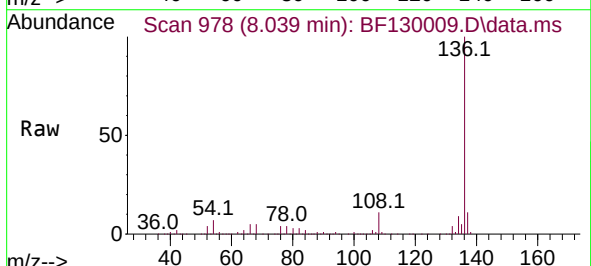
Tgt Ion:	107	Resp:	69286
Ion	Ratio	Lower	Upper
107	100		
108	82.9	71.3	111.3
77	35.2	20.4	60.4
79	26.0	11.1	51.1

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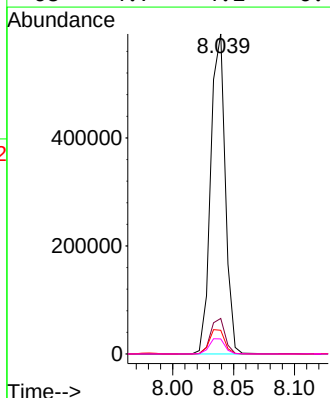
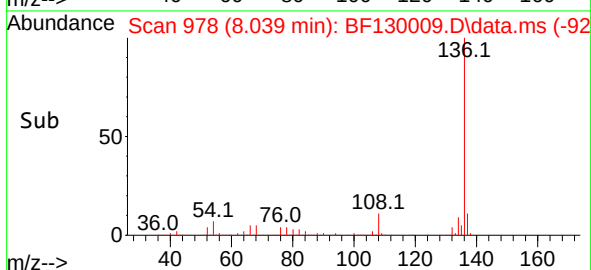
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

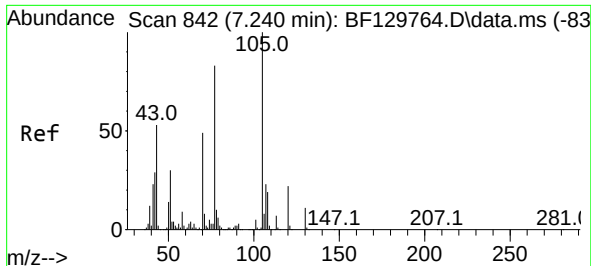


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34



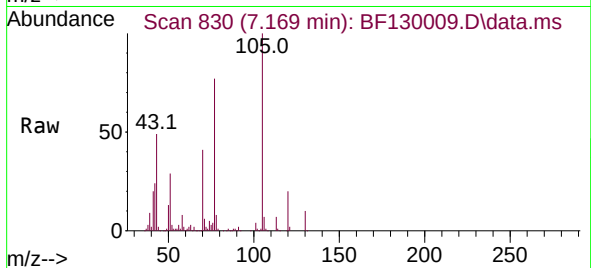
Tgt Ion:	136	Resp:	493499
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.4	6.2	9.2
68	4.7	4.2	6.4





#22
Acetophenone
Concen: 8.620 ng
RT: 7.169 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

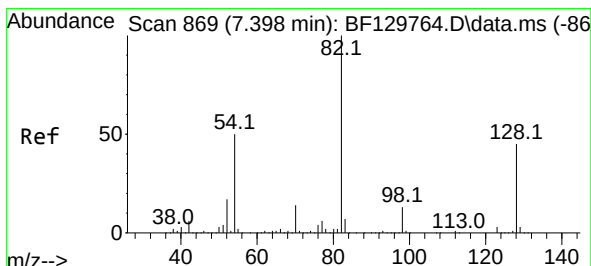
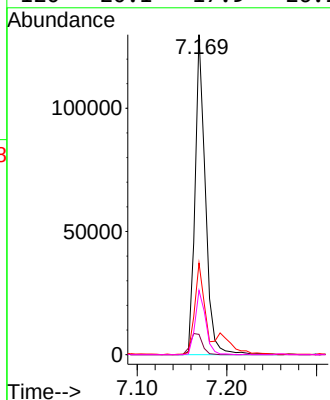
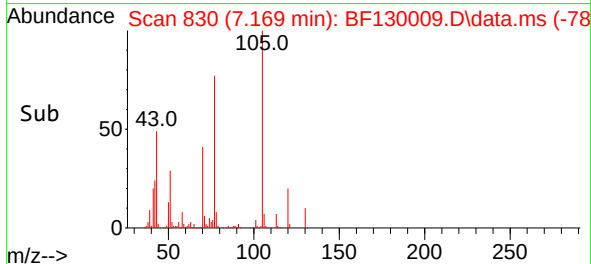
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion:105 Resp: 103662
Ion Ratio Lower Upper
105 100
71 6.3 6.6 9.8
51 28.6 23.8 35.8
120 20.1 17.9 26.9

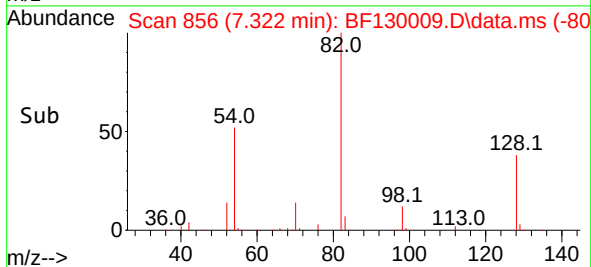
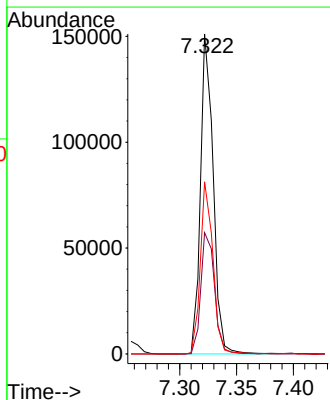
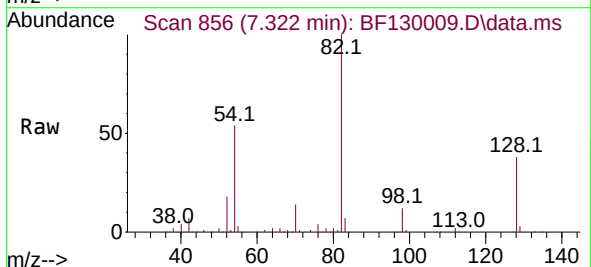
Manual Integrations
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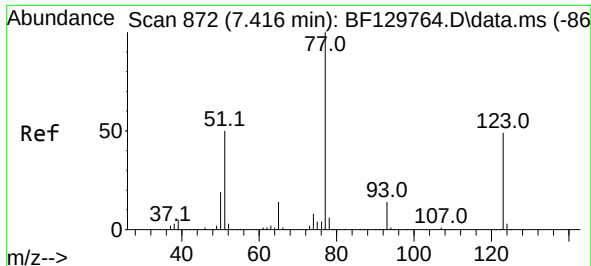
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#23
Nitrobenzene-d5
Concen: 12.712 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion: 82 Resp: 117193
Ion Ratio Lower Upper
82 100
128 37.9 36.1 54.1
54 53.8 40.0 60.0





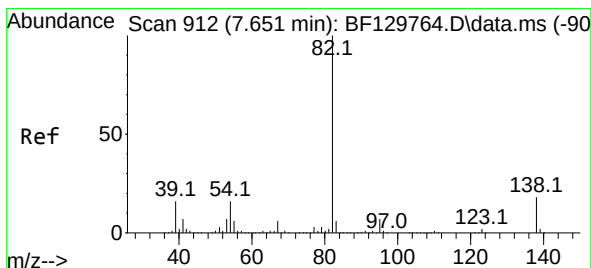
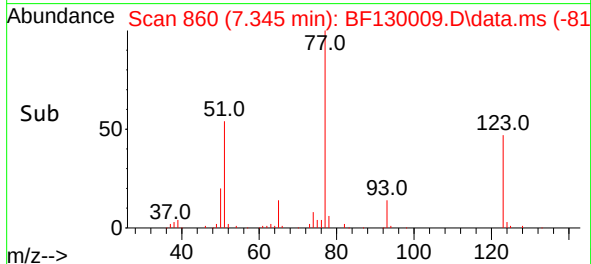
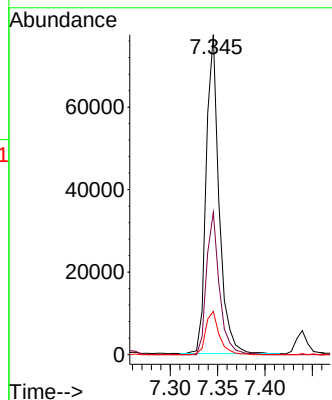
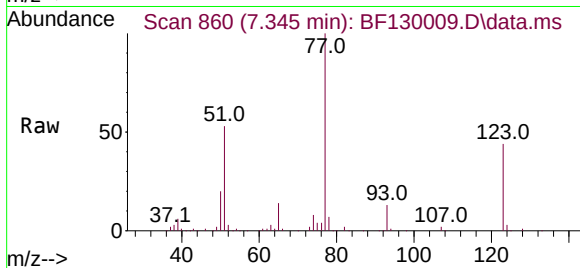
#24
Nitrobenzene
Concen: 7.878 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

Tgt Ion: 77 Resp: 73231
Ion Ratio Lower Upper
77 100
123 44.5 39.2 58.8
65 13.5 11.1 16.7

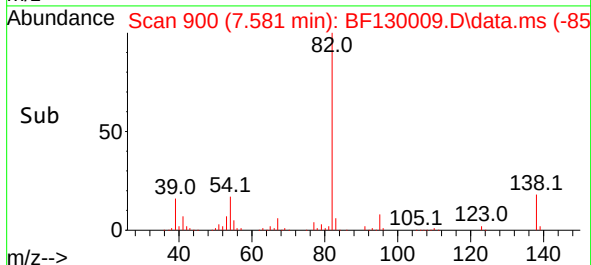
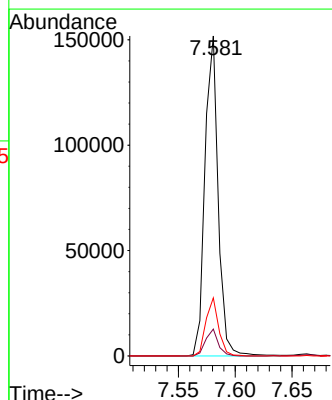
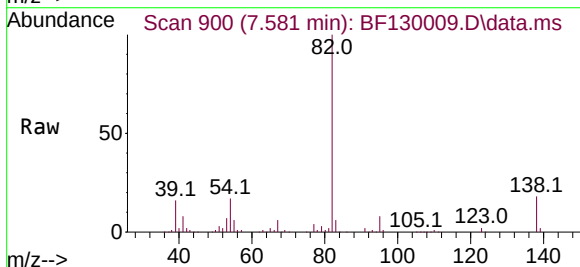
Manual Integrations
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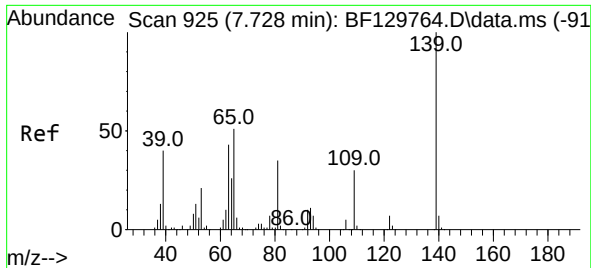
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#25
Isophorone
Concen: 7.750 ng
RT: 7.581 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

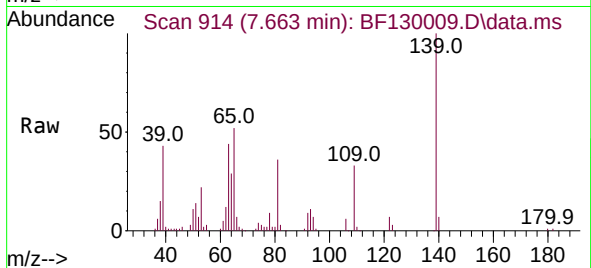
Tgt Ion: 82 Resp: 122961
Ion Ratio Lower Upper
82 100
95 8.4 5.9 8.9
138 18.1 14.6 21.8





#26
2-Nitrophenol
Concen: 6.778 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

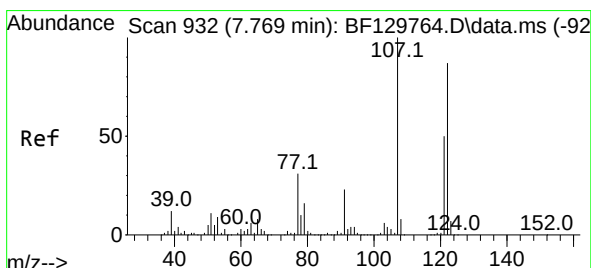
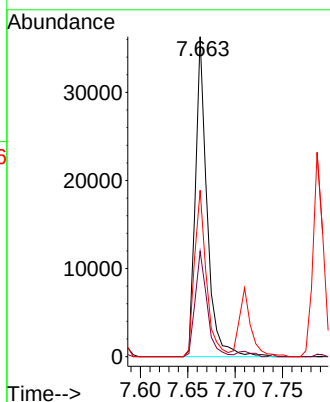
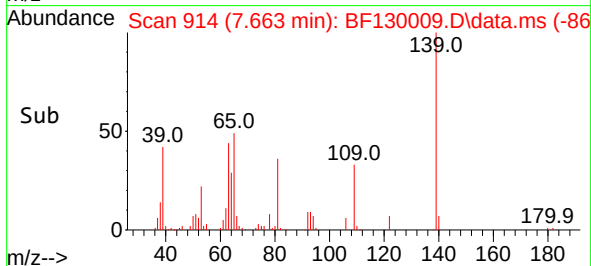
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion:139 Resp: 30993
Ion Ratio Lower Upper
139 100
109 32.9 24.4 36.6
65 52.0 40.9 61.3

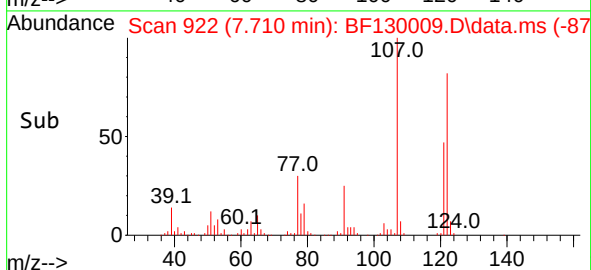
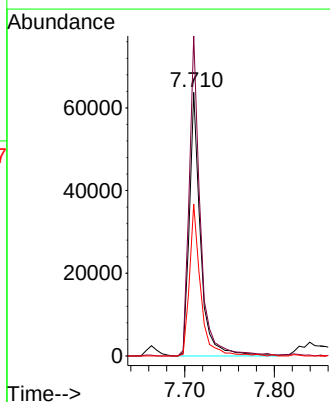
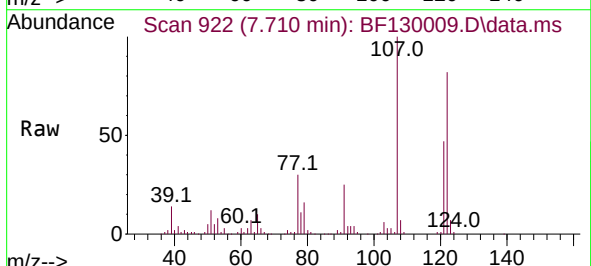
Manual Integrations
APPROVED

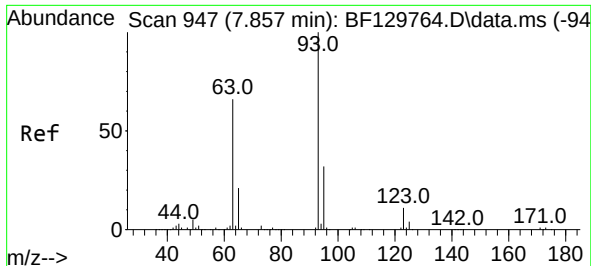
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#27
2,4-Dimethylphenol
Concen: 8.349 ng
RT: 7.710 min Scan# 922
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

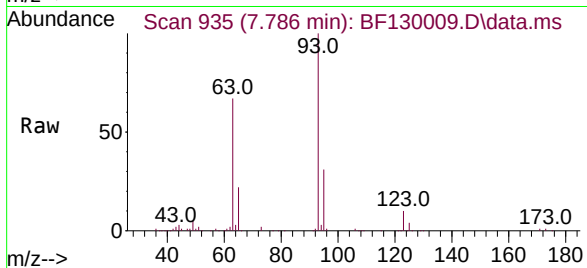
Tgt Ion:122 Resp: 54746
Ion Ratio Lower Upper
122 100
107 121.4 92.2 138.4
121 57.7 46.1 69.1





#28
bis(2-Chloroethoxy)methane
Concen: 8.600 ng
RT: 7.786 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

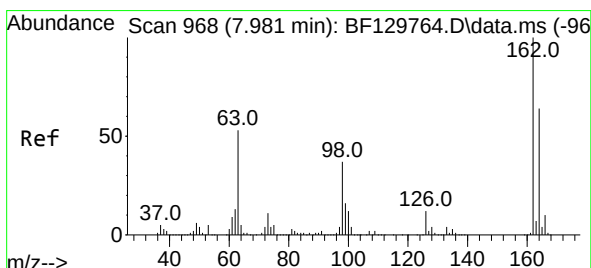
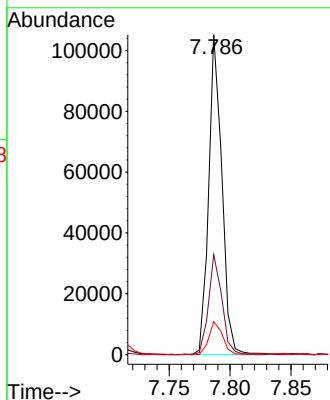
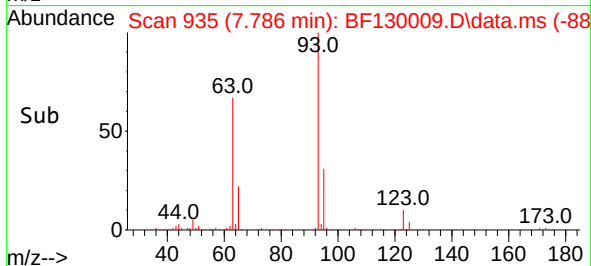
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion: 93 Resp: 79672
Ion Ratio Lower Upper
93 100
95 31.2 25.6 38.4
123 10.3 9.0 13.4

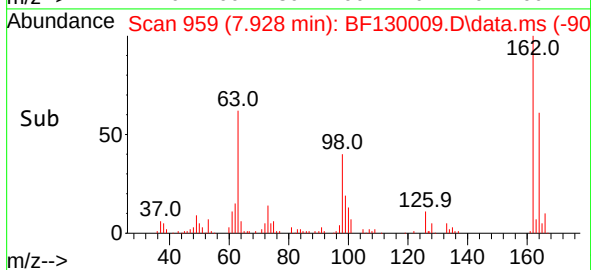
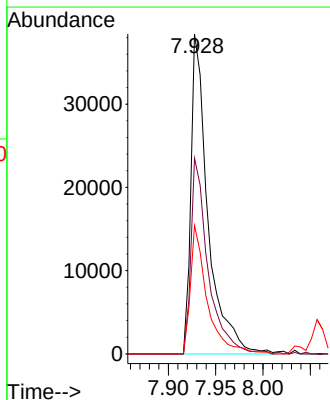
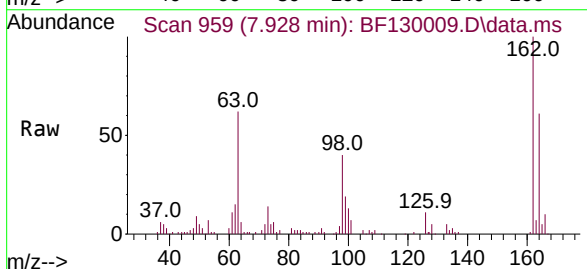
Manual Integrations
APPROVED

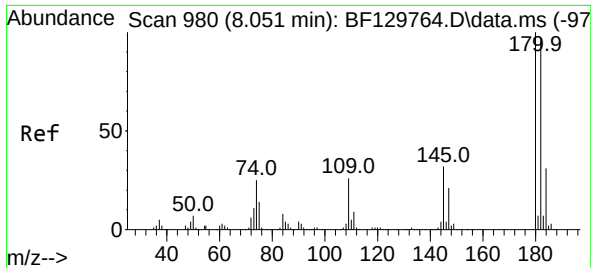
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#29
2,4-Dichlorophenol
Concen: 6.721 ng
RT: 7.928 min Scan# 959
Delta R.T. 0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

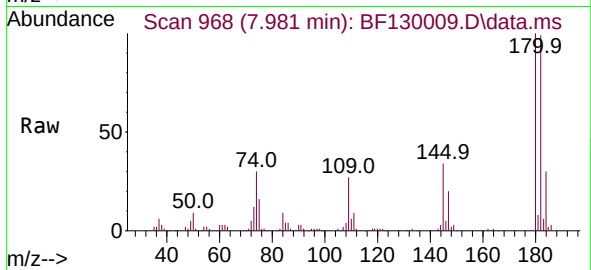
Tgt Ion:162 Resp: 48193
Ion Ratio Lower Upper
162 100
164 61.2 43.7 83.7
98 40.1 16.5 56.5





#30
1,2,4-Trichlorobenzene
Concen: 7.159 ng
RT: 7.981 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

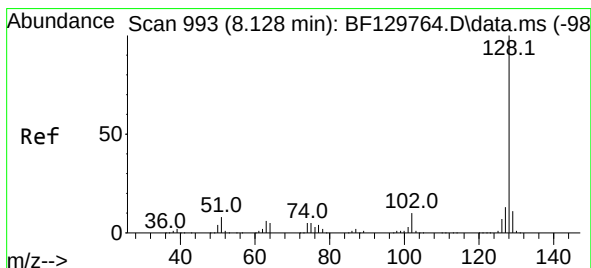
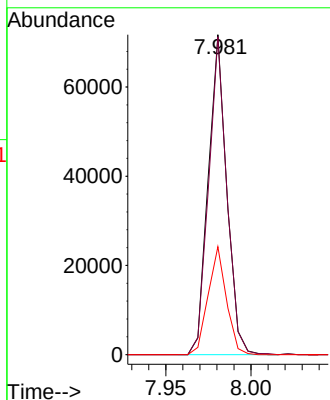
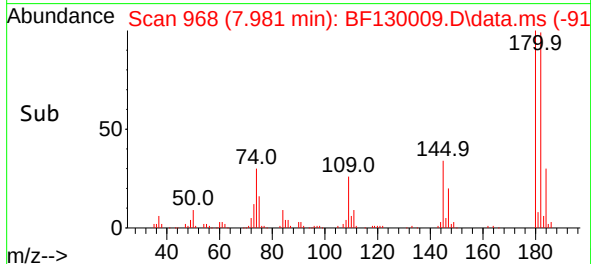
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion:180 Resp: 5415
Ion Ratio Lower Upper
180 100
182 99.3 77.6 116.4
145 33.7 25.6 38.4

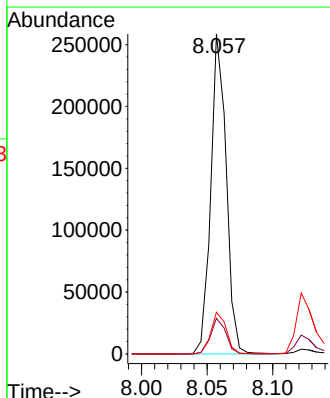
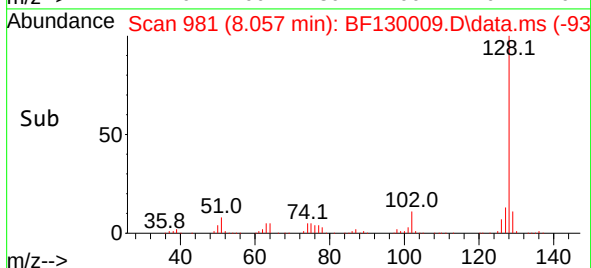
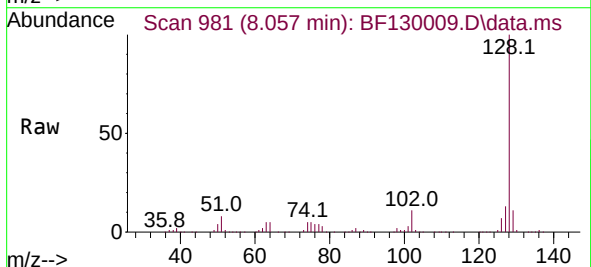
Manual Integrations
APPROVED

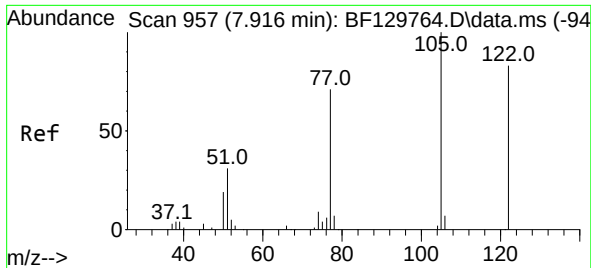
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#31
Naphthalene
Concen: 8.228 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:128 Resp: 212310
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.7 16.1





#32

Benzoic acid

Concen: 6.359 ng m

RT: 7.839 min Scan# 94

Delta R.T. -0.024 min

Lab File: BF130009.D

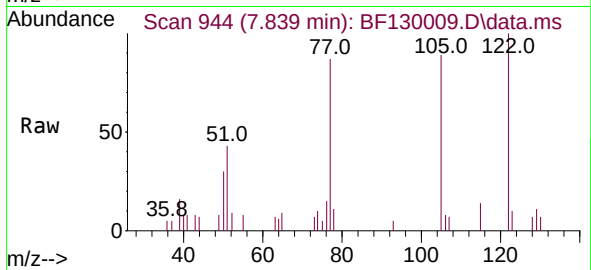
Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD



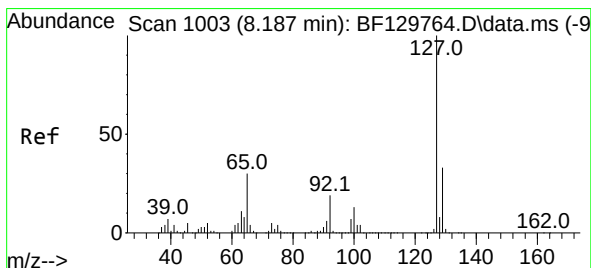
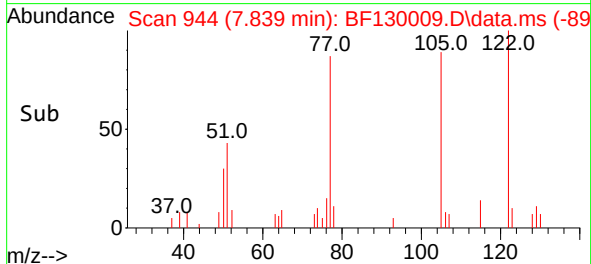
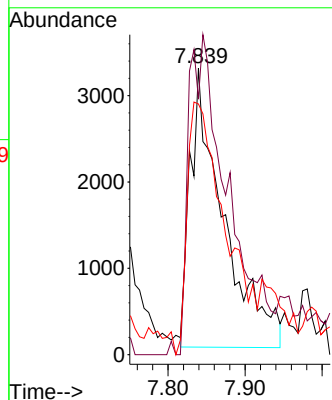
Tgt Ion	Ratio	Lower	Upper
122	100		
105	89.2	99.9	139.9
77	87.5	65.9	105.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#33

4-Chloroaniline

Concen: 4.926 ng

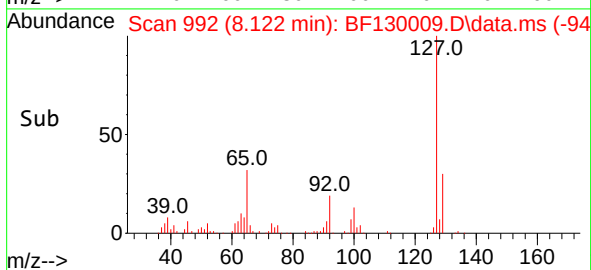
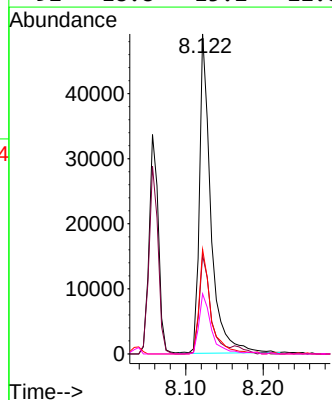
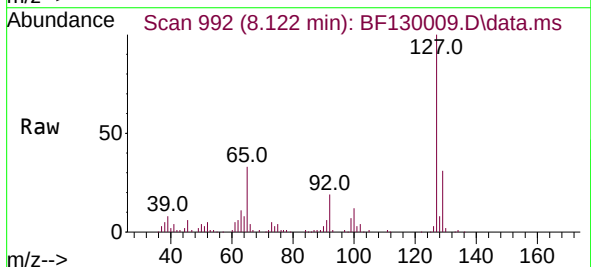
RT: 8.122 min Scan# 992

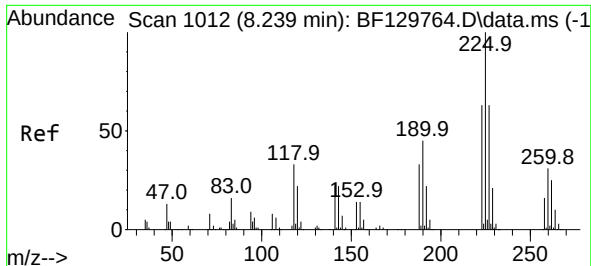
Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

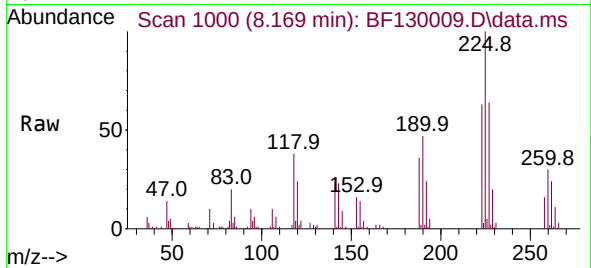
Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.7	40.1
65	32.7	24.2	36.2
92	18.8	15.2	22.8





#34
Hexachlorobutadiene
Concen: 7.386 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

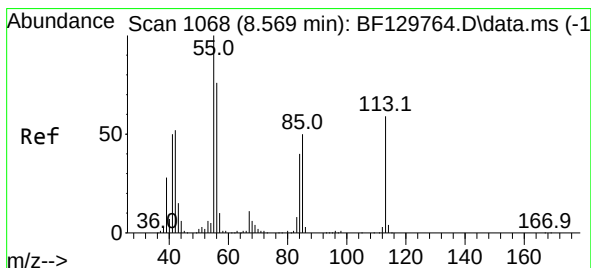
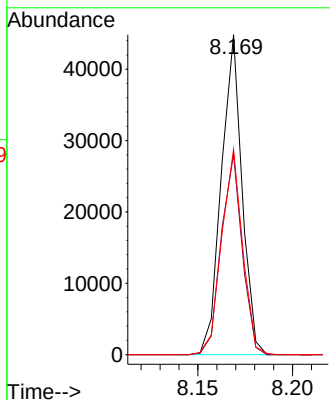
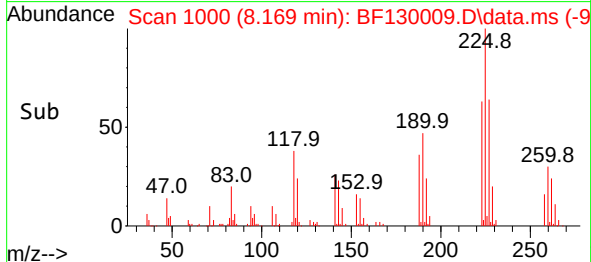
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion: 225 Resp: 34020
Ion Ratio Lower Upper
225 100
223 62.5 50.2 75.2
227 64.2 50.6 75.8

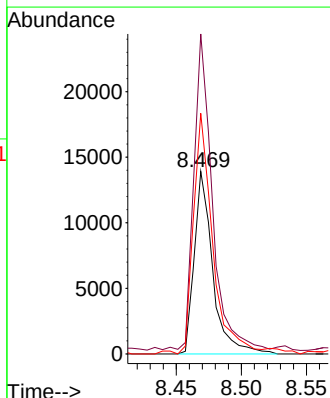
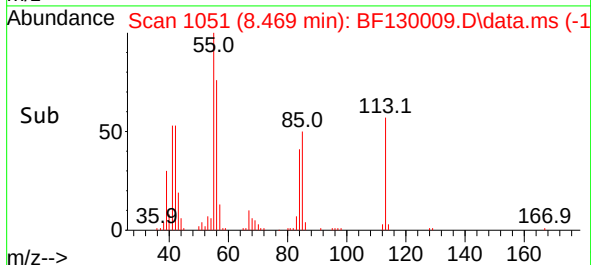
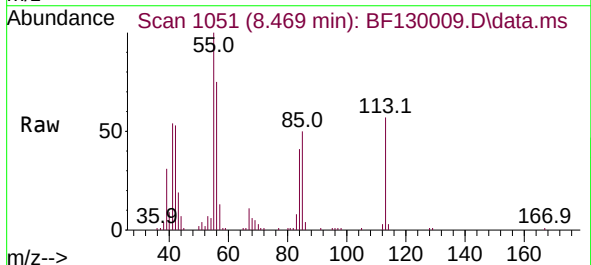
Manual Integrations
APPROVED

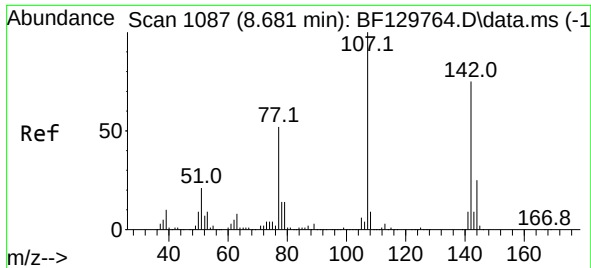
Reviewed By : Christian Giraldo 08/26/2022
Supervised By : Jagrut Upadhyay 08/26/2022



#35
Caprolactam
Concen: 6.138 ng m
RT: 8.469 min Scan# 1051
Delta R.T. -0.041 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

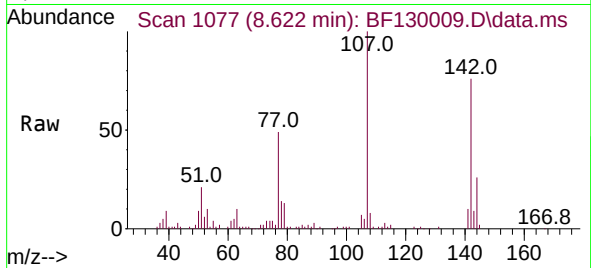
Tgt Ion: 113 Resp: 13687
Ion Ratio Lower Upper
113 100
55 175.3 148.8 188.8
56 131.8 109.1 149.1





#36
4-Chloro-3-methylphenol
Concen: 6.366 ng
RT: 8.622 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

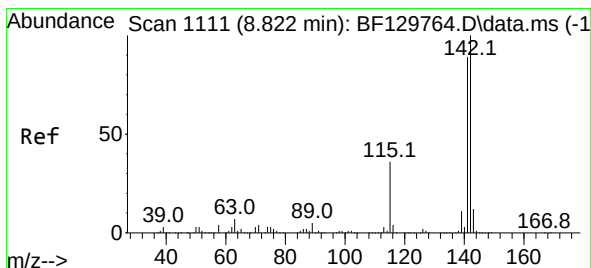
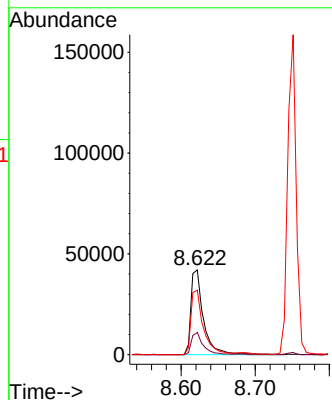
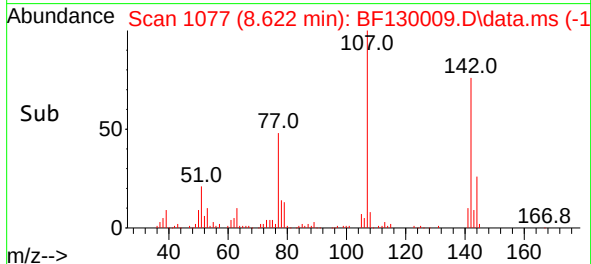
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion:107 Resp: 49243
Ion Ratio Lower Upper
107 100
144 26.1 19.9 29.9
142 75.9 60.2 90.4

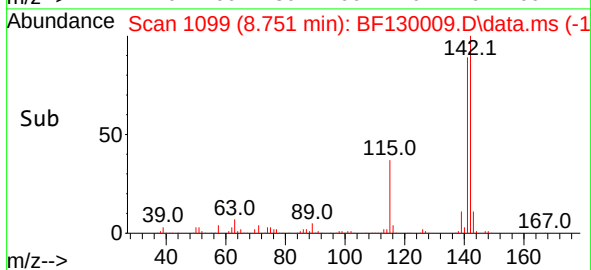
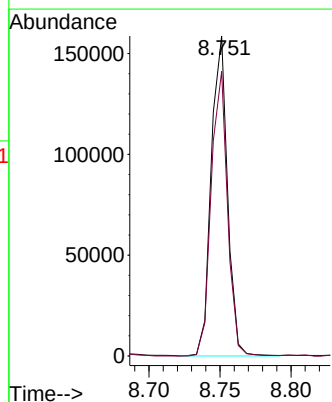
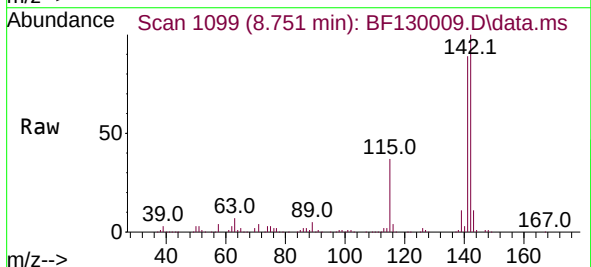
Manual Integrations
APPROVED

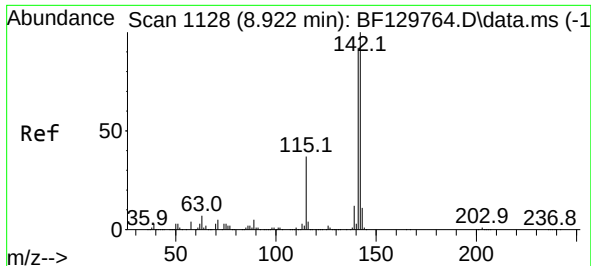
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#37
2-Methylnaphthalene
Concen: 7.478 ng
RT: 8.751 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

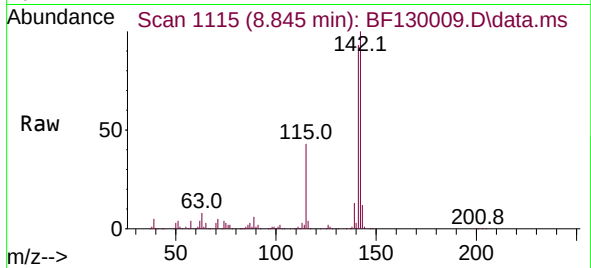
Tgt Ion:142 Resp: 126649
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3





#38
1-Methylnaphthalene
Concen: 7.267 ng
RT: 8.845 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

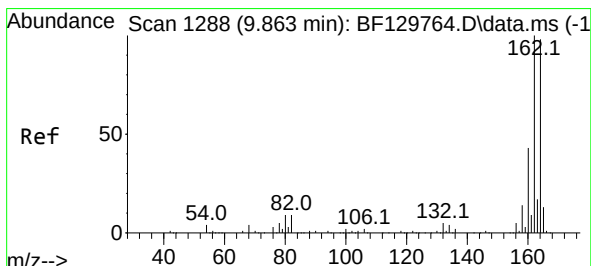
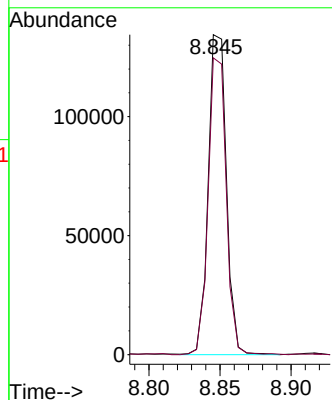
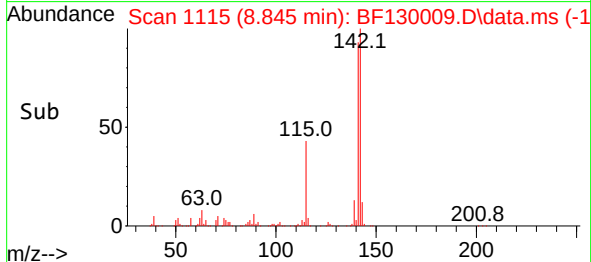
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



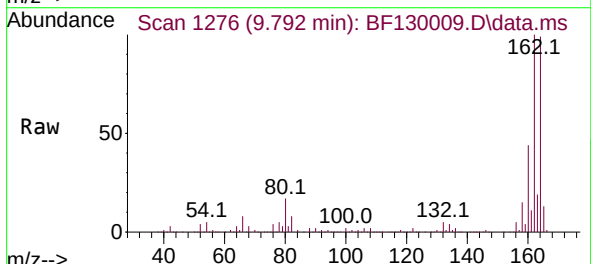
Tgt Ion:142 Resp: 119603
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3

Manual Integrations
APPROVED

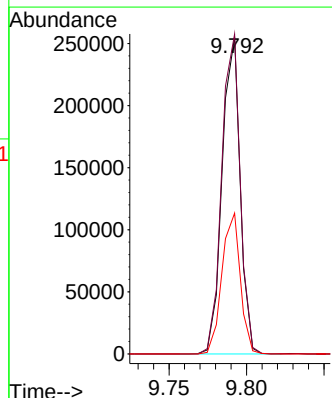
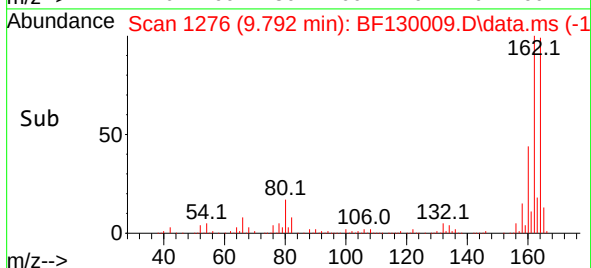
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

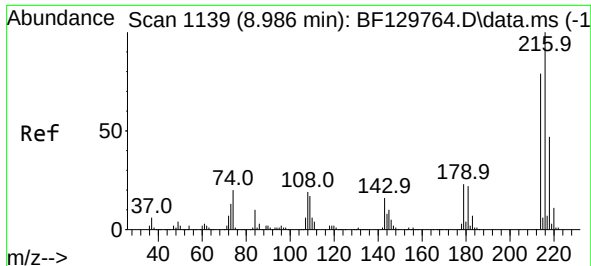


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34



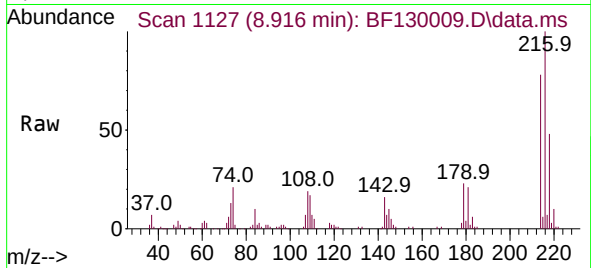
Tgt Ion:164 Resp: 207065
Ion Ratio Lower Upper
164 100
162 100.9 82.0 123.0
160 44.4 35.4 53.0





#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.294 ng
RT: 8.916 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

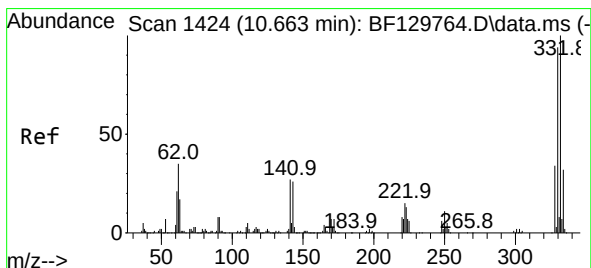
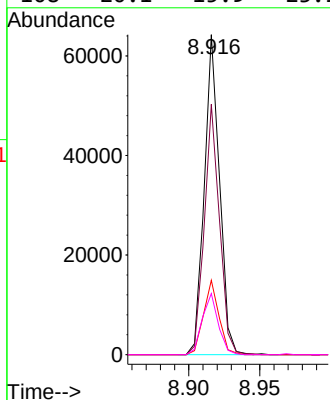
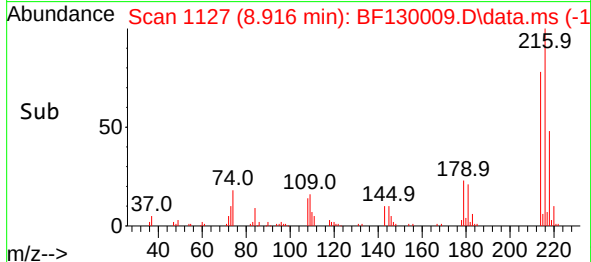
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



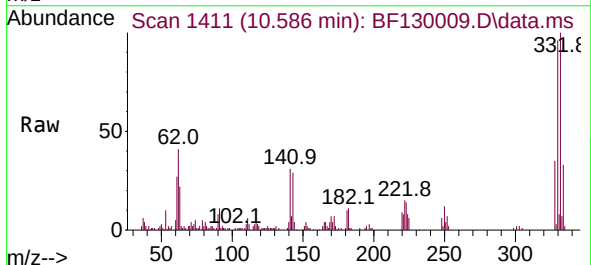
Tgt Ion: 216 Resp: 47762
Ion Ratio Lower Upper
216 100
214 77.8 63.1 94.7
179 23.4 18.1 27.1
108 20.1 15.9 23.9

Manual Integrations
APPROVED

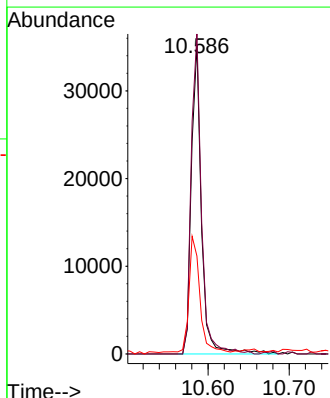
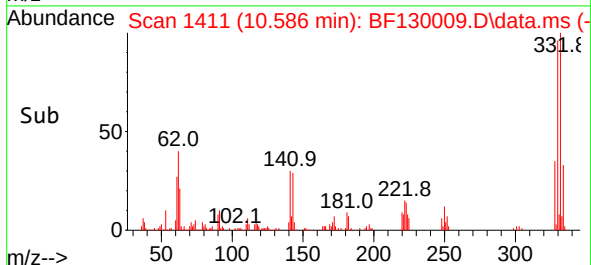
Reviewed By : Christian Giraldo 08/26/2022
Supervised By : Jagrut Upadhyay 08/26/2022

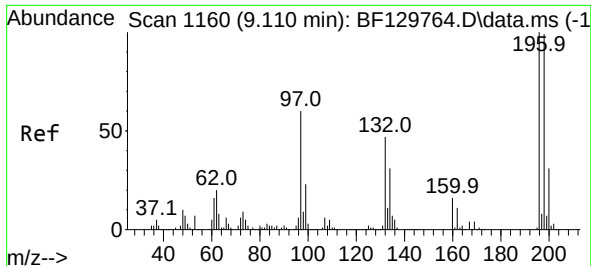


#42
2,4,6-Tribromophenol
Concen: 14.591 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34



Tgt Ion: 330 Resp: 30323
Ion Ratio Lower Upper
330 100
332 105.1 82.6 124.0
141 40.4 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 7.553 ng

RT: 9.039 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

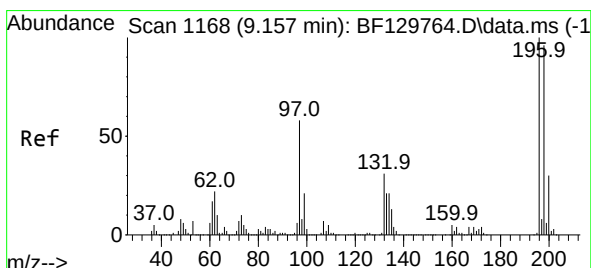
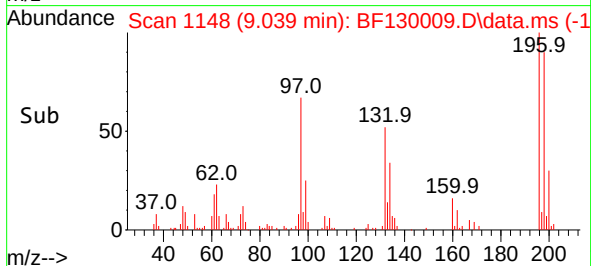
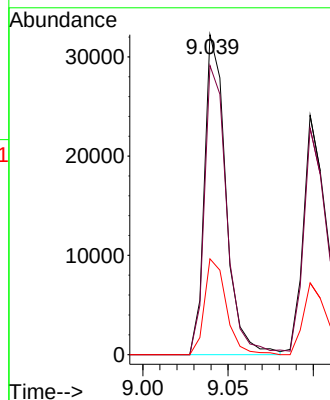
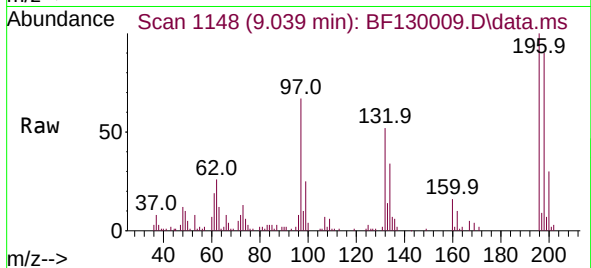
Tgt Ion:196	Resp:	2826
Ion Ratio	Lower	Upper
196	100	
198	90.3	79.0 118.4
200	29.9	25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#44

2,4,5-Trichlorophenol

Concen: 6.433 ng

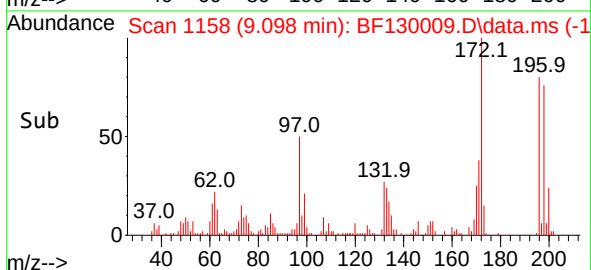
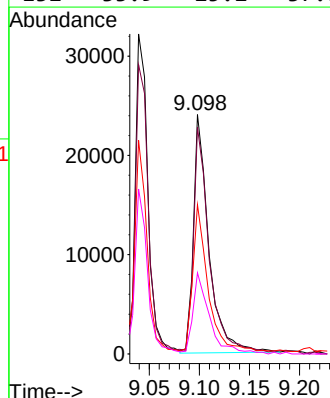
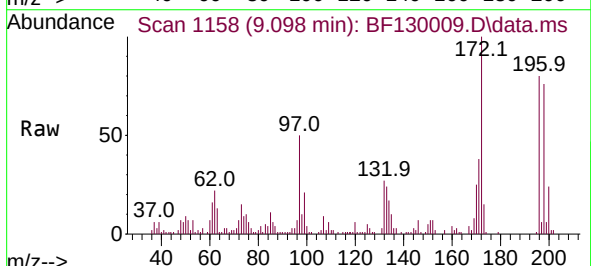
RT: 9.098 min Scan# 1158

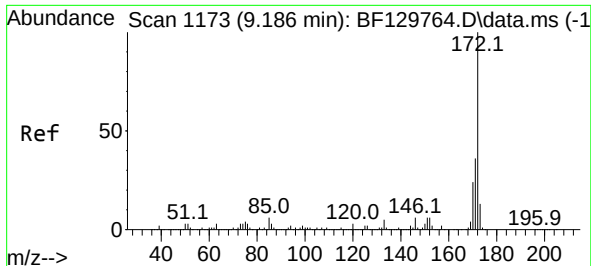
Delta R.T. 0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

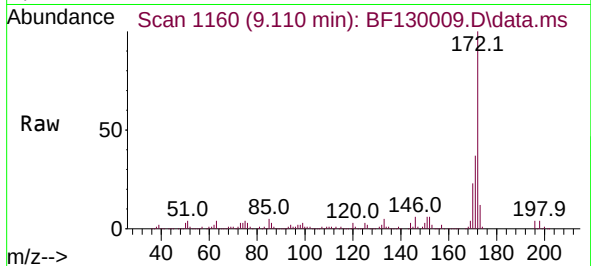
Tgt Ion:196	Resp:	25899
Ion Ratio	Lower	Upper
196	100	
198	94.7	76.4 114.6
97	62.4	46.5 69.7
132	33.9	25.2 37.8





#45
2-Fluorobiphenyl
Concen: 14.056 ng
RT: 9.110 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

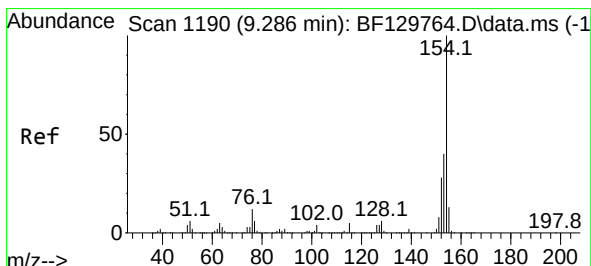
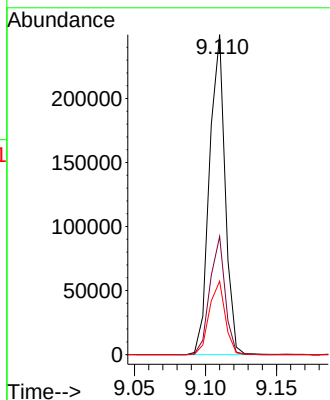
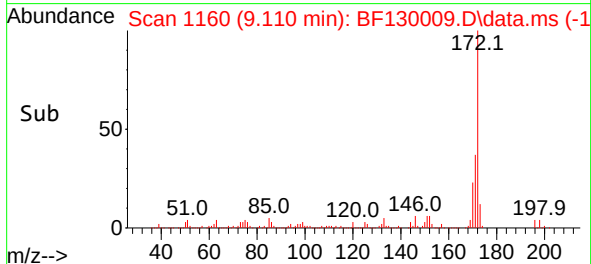
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion:172 Resp: 191634
Ion Ratio Lower Upper
172 100
171 36.9 28.4 42.6
170 22.9 19.1 28.7

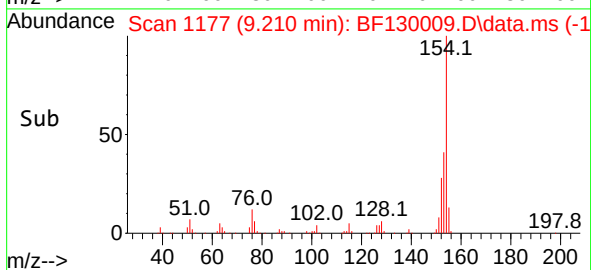
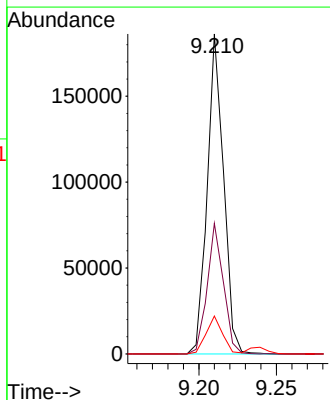
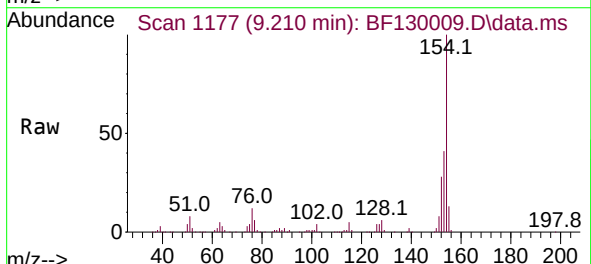
Manual Integrations
APPROVED

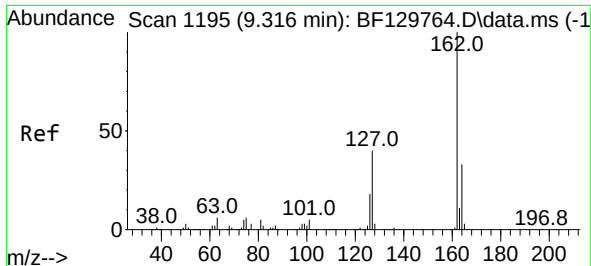
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#46
1,1'-Biphenyl
Concen: 8.664 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:154 Resp: 136295
Ion Ratio Lower Upper
154 100
153 40.8 20.2 60.2
76 11.8 0.0 32.1





#47

2-Chloronaphthalene

Concen: 7.849 ng

RT: 9.239 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF130009.D

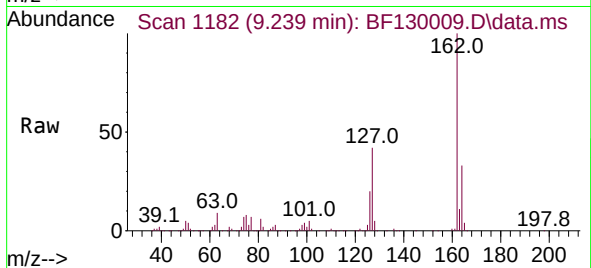
Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD



Tgt Ion:162 Resp: 97688

Ion Ratio Lower Upper

162 100

127 42.4 33.1 49.7

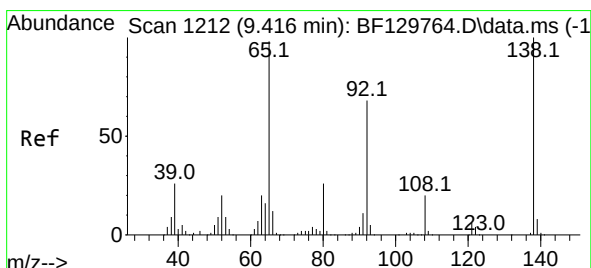
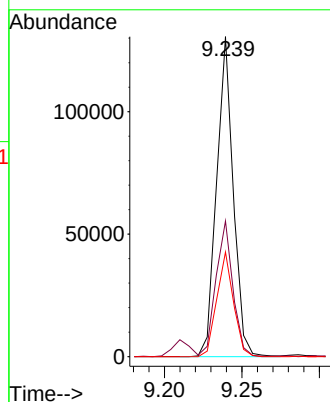
164 32.7 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#48

2-Nitroaniline

Concen: 7.853 ng

RT: 9.351 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

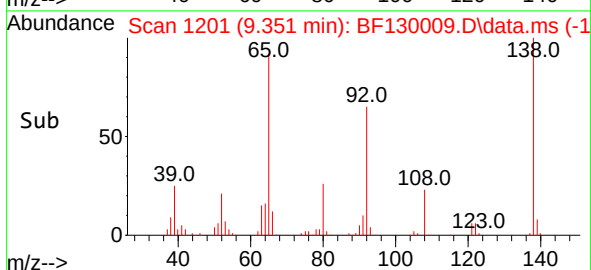
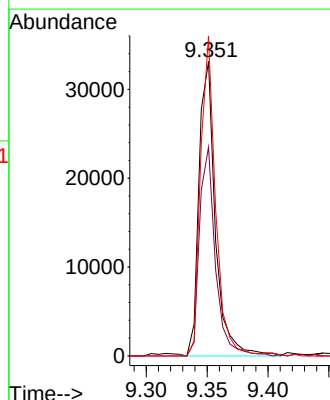
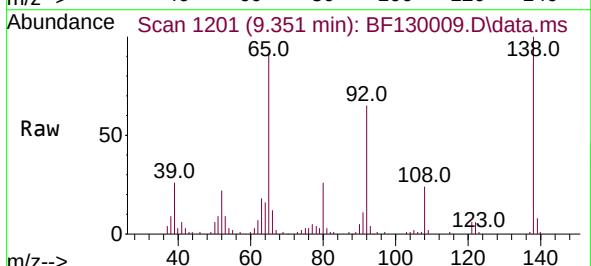
Tgt Ion: 65 Resp: 30887

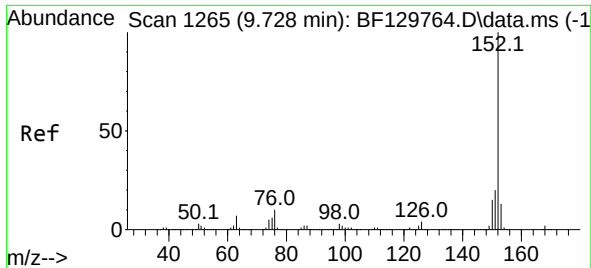
Ion Ratio Lower Upper

65 100

92 70.9 55.0 82.4

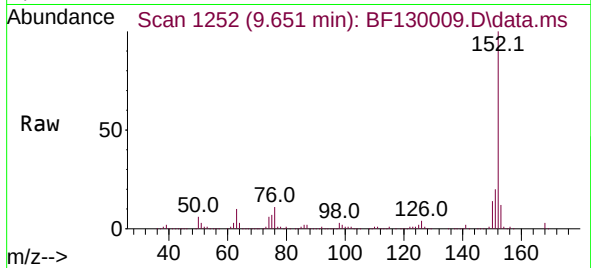
138 108.7 81.3 121.9





#49
Acenaphthylene
Concen: 8.978 ng
RT: 9.651 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

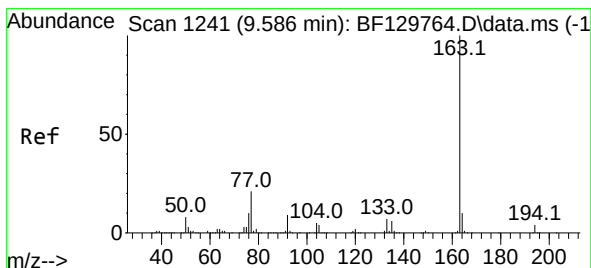
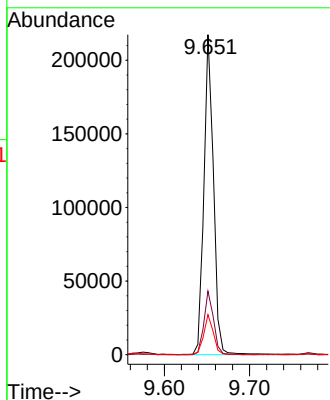
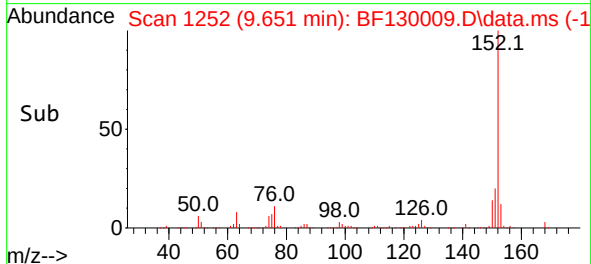
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



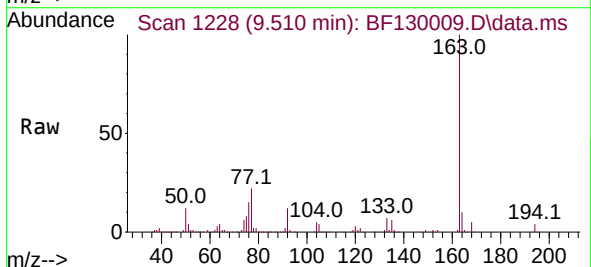
Tgt Ion:152 Resp: 16944
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 12.5 10.6 16.0

Manual Integrations
APPROVED

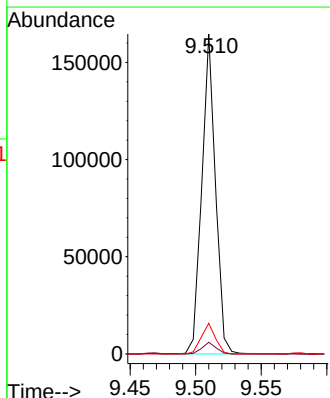
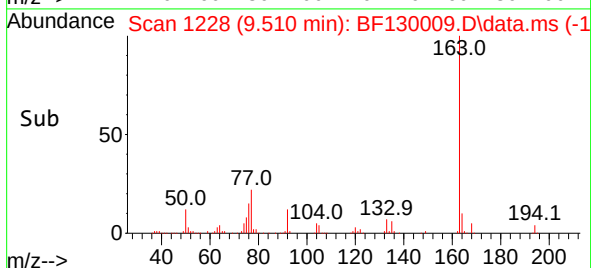
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

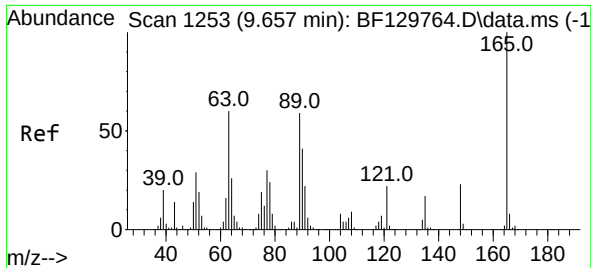


#50
Dimethylphthalate
Concen: 8.009 ng
RT: 9.510 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34



Tgt Ion:163 Resp: 118878
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 6.552 ng

RT: 9.586 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

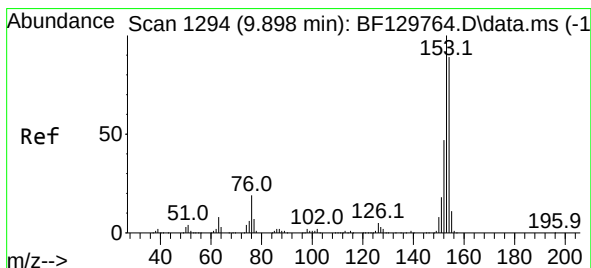
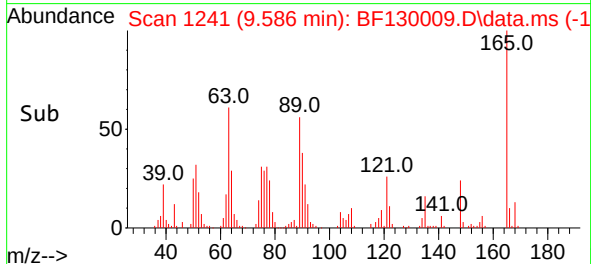
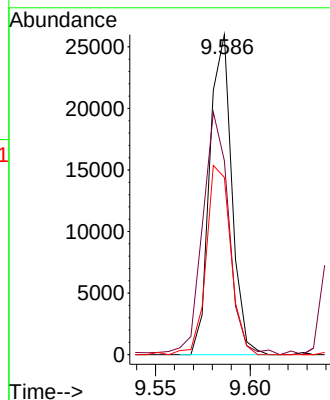
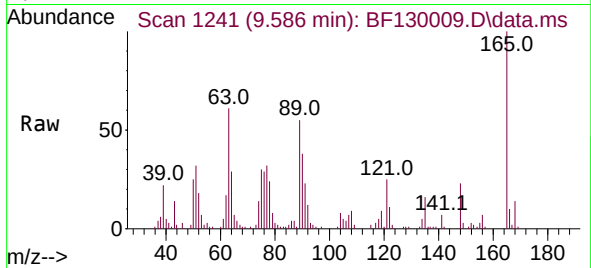
Tgt Ion:165	Resp:	21097
Ion Ratio	Lower	Upper
165	100	
63	60.6	47.8 71.8
89	55.4	47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#52

Acenaphthene

Concen: 8.367 ng

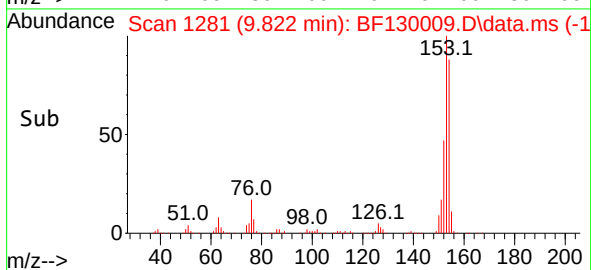
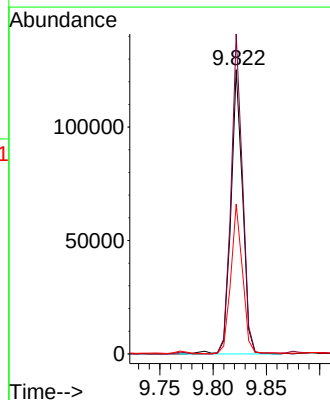
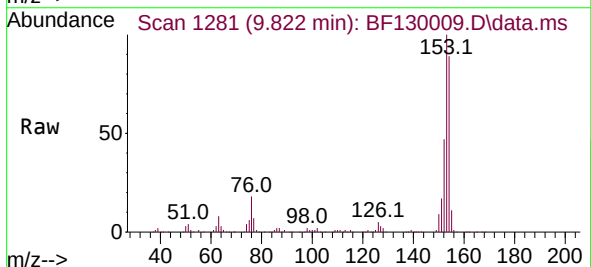
RT: 9.822 min Scan# 1281

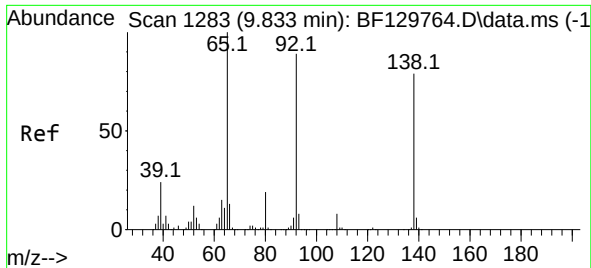
Delta R.T. -0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Tgt Ion:154	Resp:	95805
Ion Ratio	Lower	Upper
154	100	
153	112.6	89.8 134.6
152	52.7	42.1 63.1





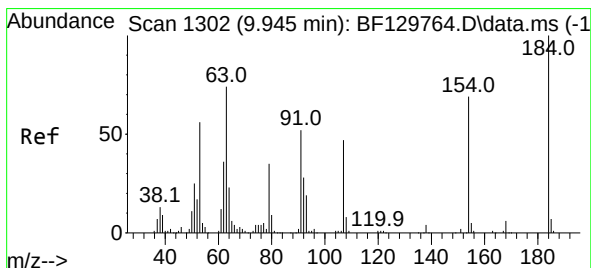
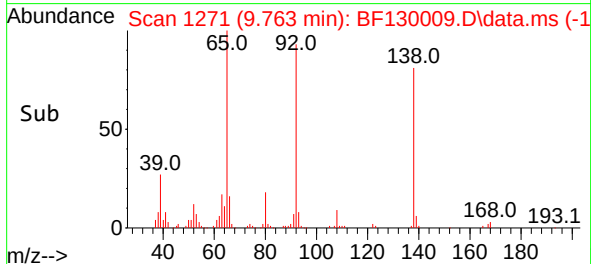
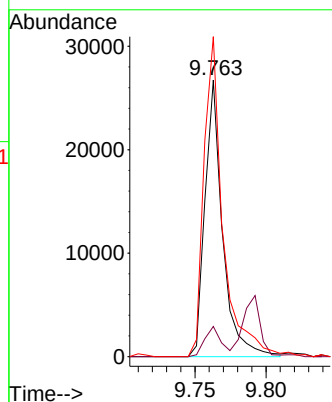
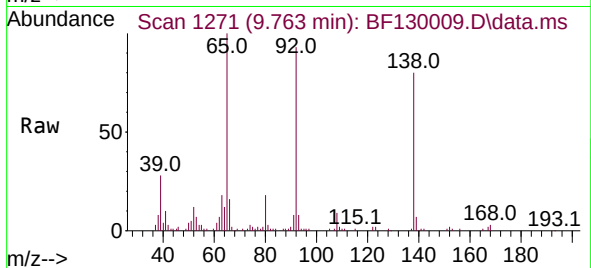
#53
3-Nitroaniline
Concen: 6.458 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

Tgt Ion:138 Resp: 22996
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 115.7 89.8 134.8

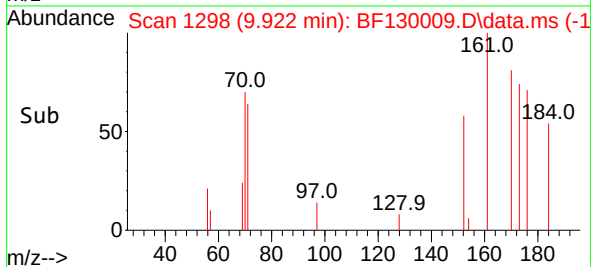
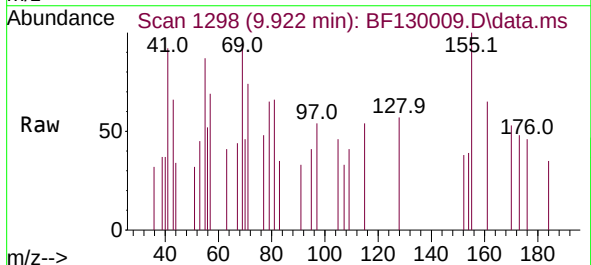
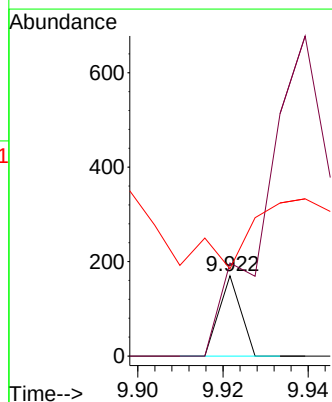
Manual Integrations
APPROVED

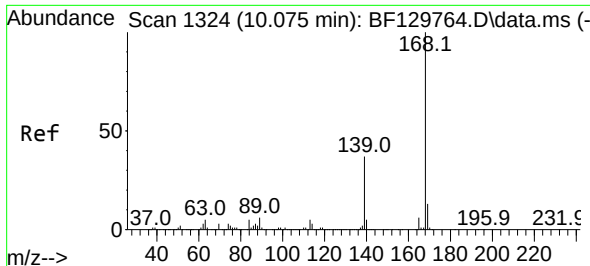
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#54
2,4-Dinitrophenol
Concen: 5.510 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.035 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

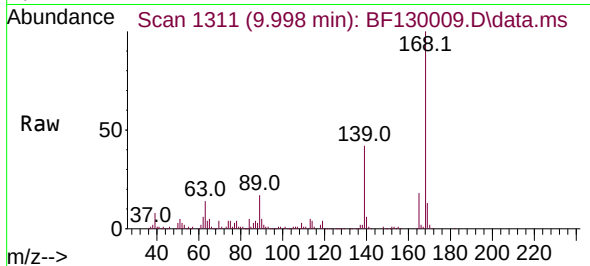
Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 115.9 59.6 89.4#
154 108.8 55.3 82.9#





#55
Dibenzenofuran
Concen: 7.914 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

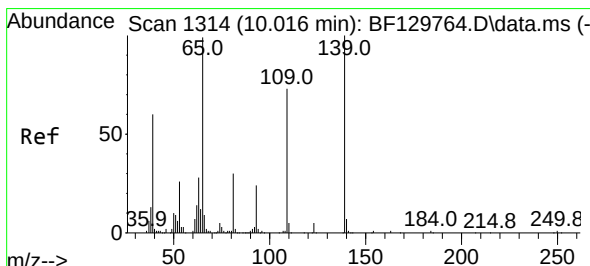
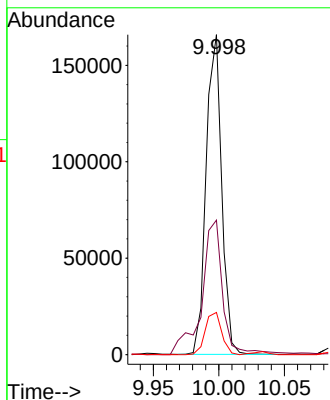
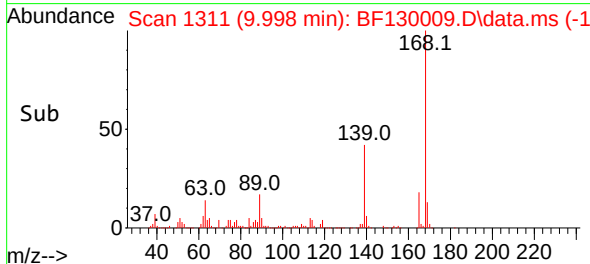
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion:168 Resp: 13614
Ion Ratio Lower Upper
168 100
139 42.0 31.3 46.9
169 13.2 10.7 16.1

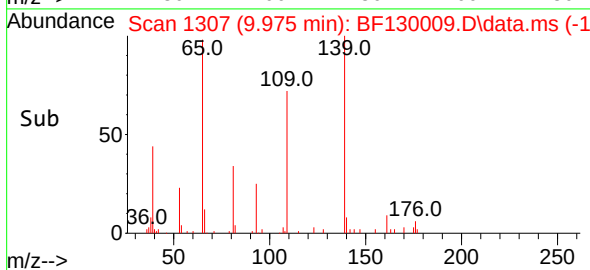
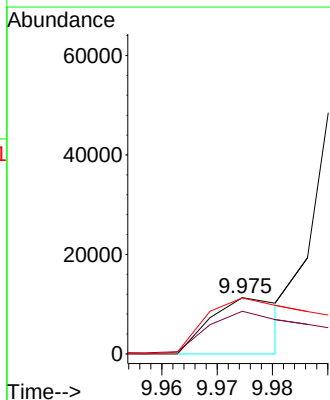
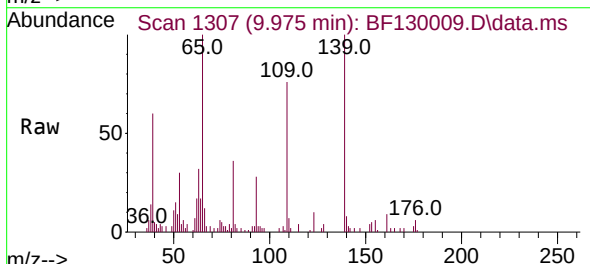
Manual Integrations
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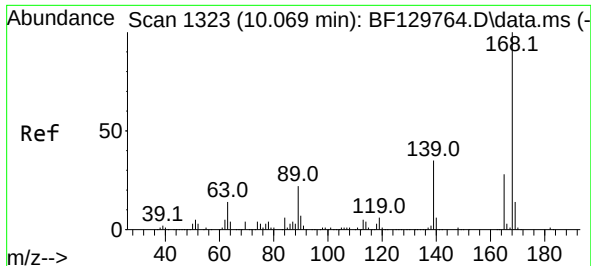
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#56
4-Nitrophenol
Concen: 6.405 ng m
RT: 9.975 min Scan# 1307
Delta R.T. 0.018 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

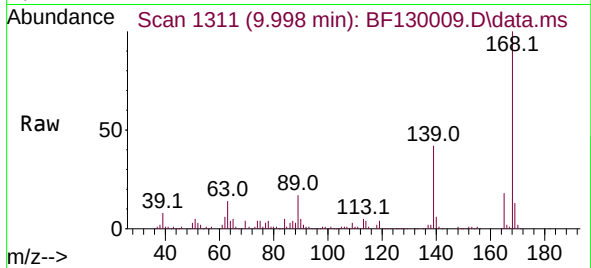
Tgt Ion:139 Resp: 10147
Ion Ratio Lower Upper
139 100
109 75.9 52.9 92.9
65 99.6 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 6.197 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

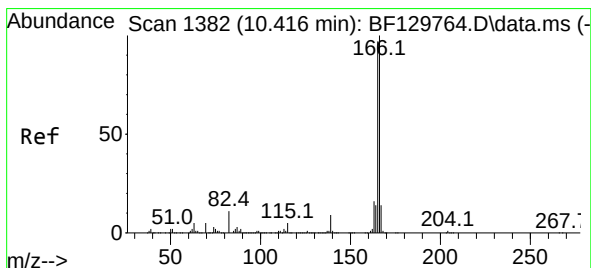
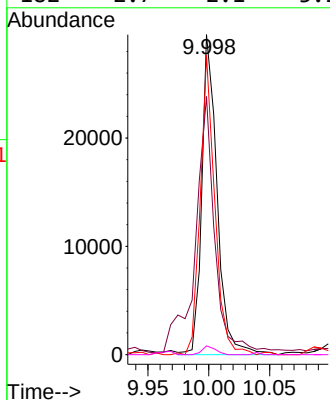
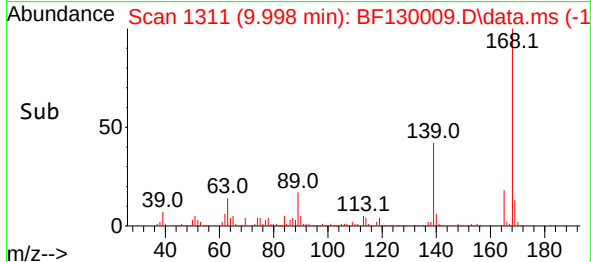
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



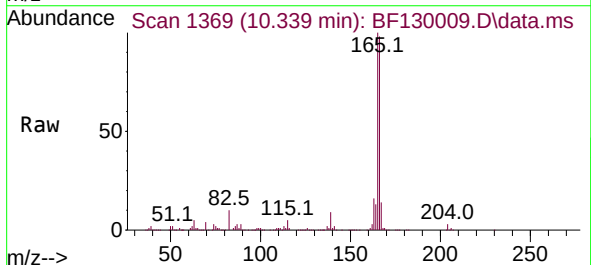
Tgt Ion:165 Resp: 25905
Ion Ratio Lower Upper
165 100
63 80.6 48.4 72.6
89 93.6 62.3 93.5
182 2.7 2.1 3.1

Manual Integrations
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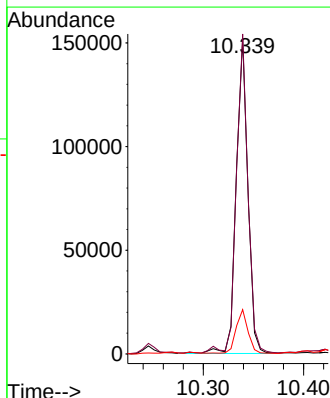
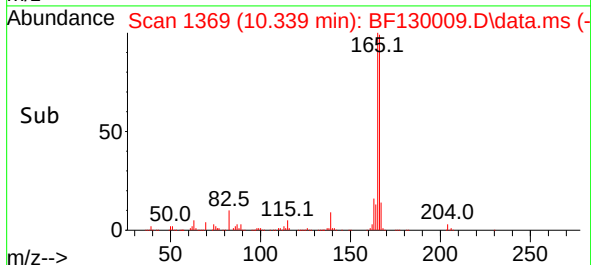
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

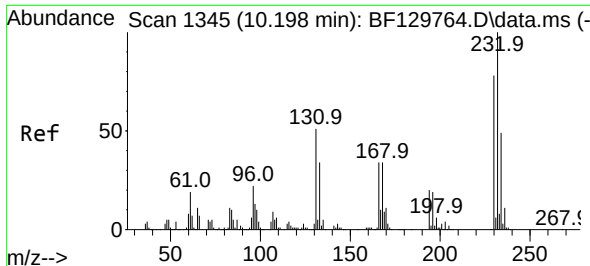


#58
Fluorene
Concen: 8.520 ng
RT: 10.339 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34



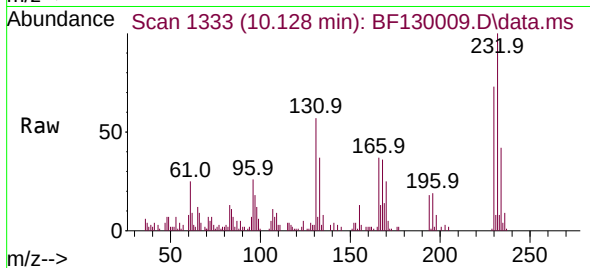
Tgt Ion:166 Resp: 122385
Ion Ratio Lower Upper
166 100
165 101.6 77.9 116.9
167 14.0 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 6.267 ng
RT: 10.128 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

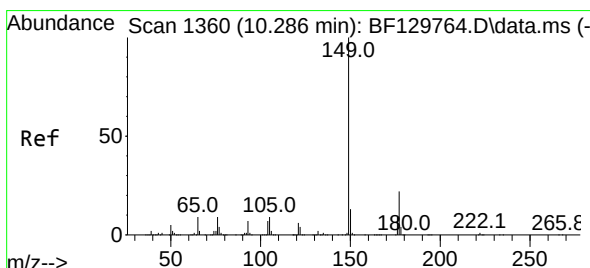
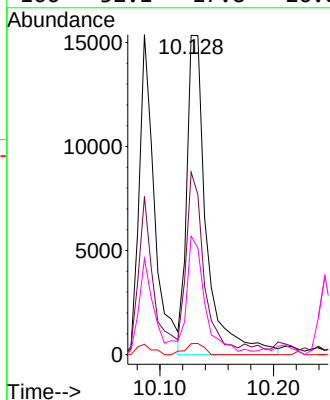
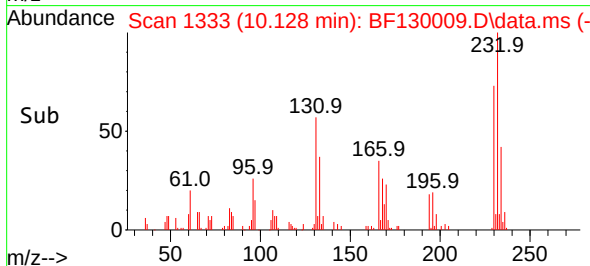
Instrument :
BNA_F
ClientSampleId :
SU-03-08232MSD



Tgt Ion:232 Resp: 18514
Ion Ratio Lower Upper
232 100
131 50.4 29.9 44.9
130 3.3 1.5 2.3
166 32.1 17.8 26.8

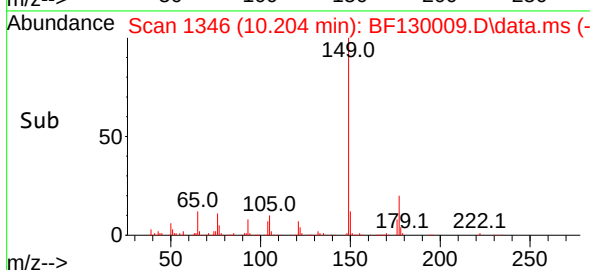
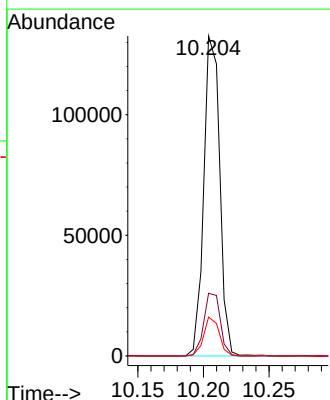
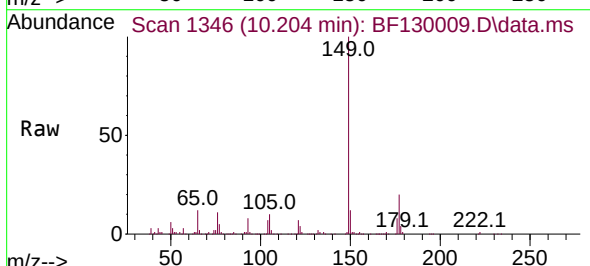
Manual Integrations
APPROVED

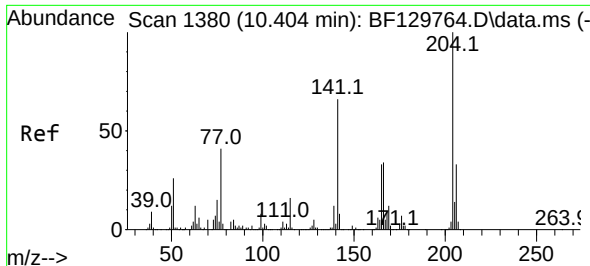
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#60
Diethylphthalate
Concen: 7.568 ng
RT: 10.204 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

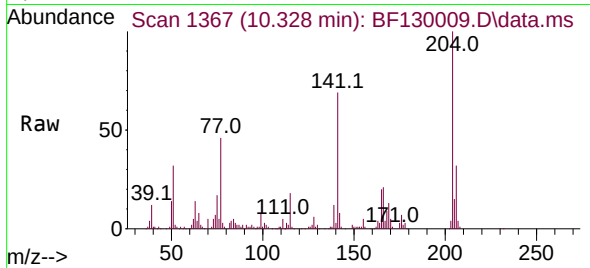
Tgt Ion:149 Resp: 112009
Ion Ratio Lower Upper
149 100
177 19.6 17.7 26.5
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 7.055 ng
RT: 10.328 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

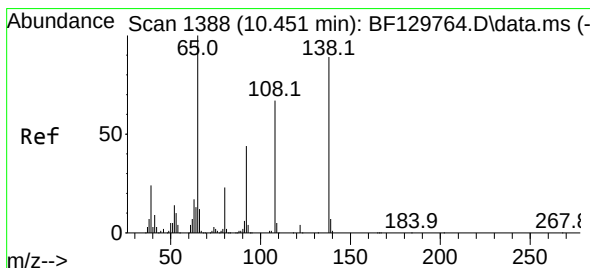
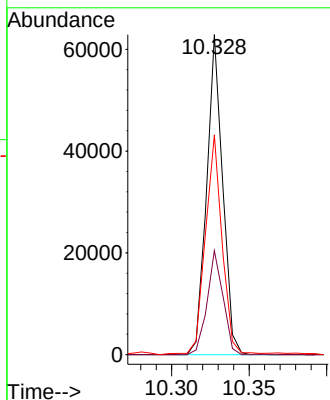
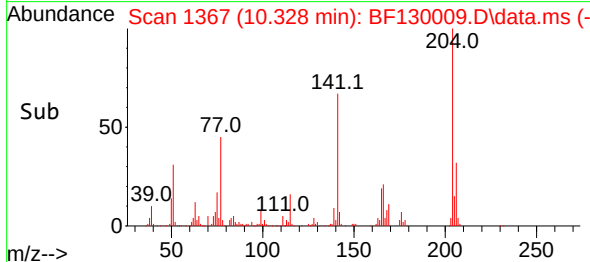
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion:204 Resp: 45480
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 68.7 52.6 79.0

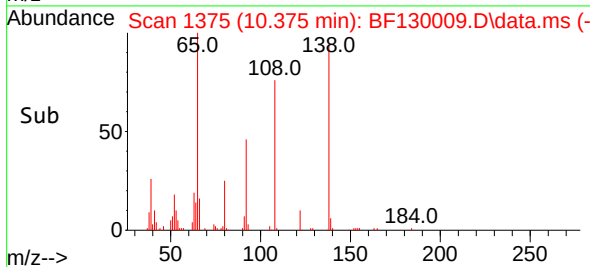
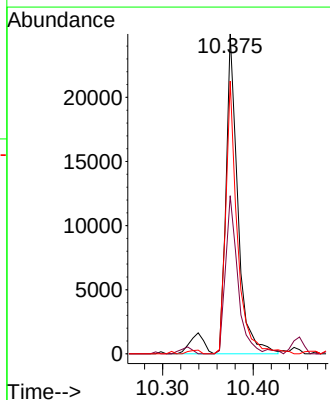
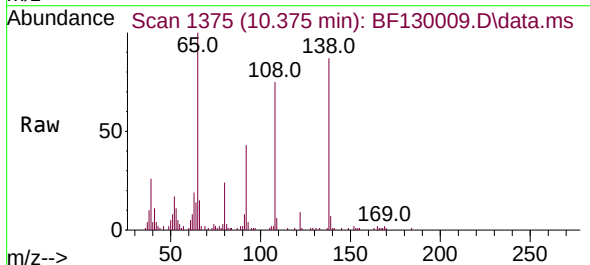
Manual Integrations
APPROVED

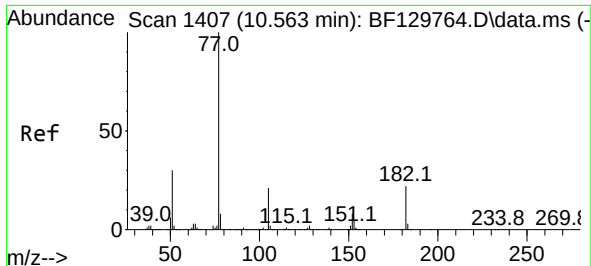
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#62
4-Nitroaniline
Concen: 6.753 ng m
RT: 10.375 min Scan# 1375
Delta R.T. -0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

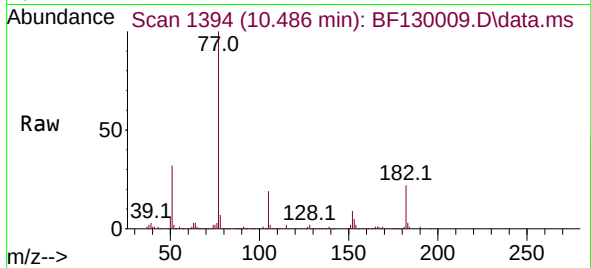
Tgt Ion:138 Resp: 24258
Ion Ratio Lower Upper
138 100
92 49.4 30.3 70.3
108 85.3 55.7 95.7





#63
Azobenzene
Concen: 6.662 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

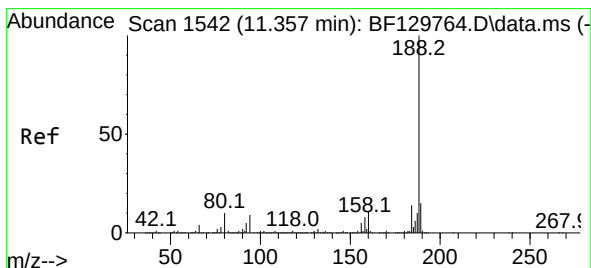
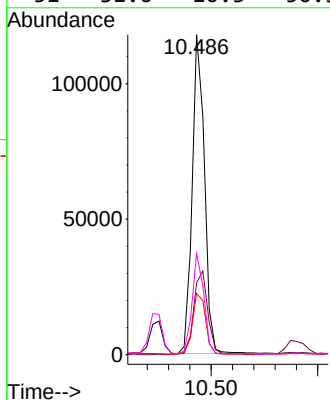
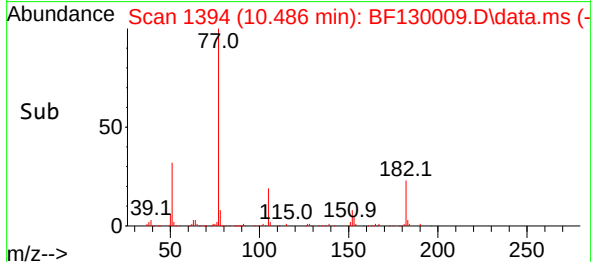
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



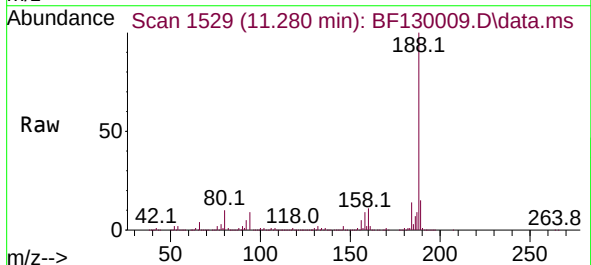
Tgt Ion: 77 Resp: 94252
Ion Ratio Lower Upper
77 100
182 22.4 2.2 42.2
105 19.1 0.8 40.8
51 31.6 10.3 50.3

Manual Integrations
APPROVED

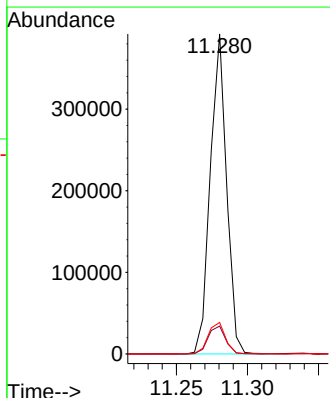
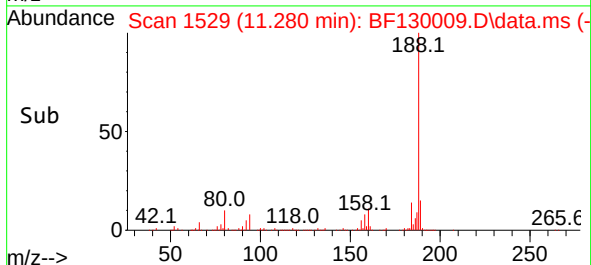
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

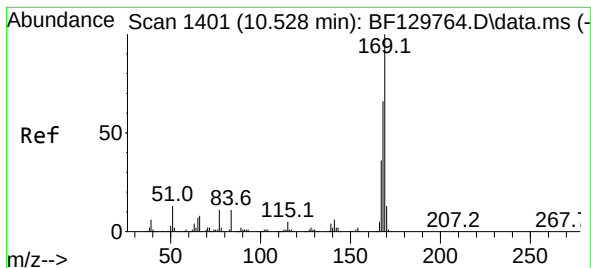


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34



Tgt Ion:188 Resp: 313368
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.8 7.9 11.9





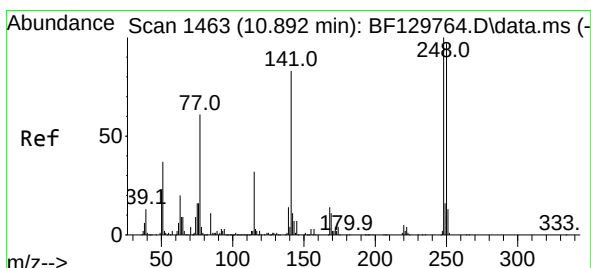
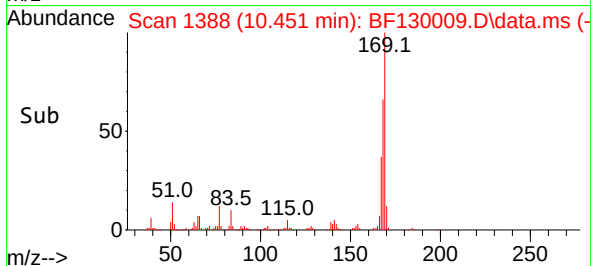
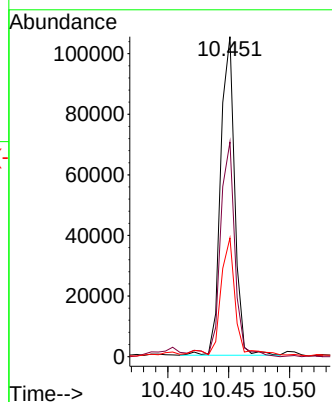
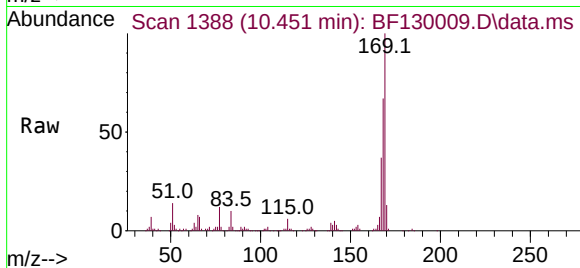
#66
n-Nitrosodiphenylamine
Concen: 7.997 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

Tgt Ion:169 Resp: 84582
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 37.1 29.1 43.7

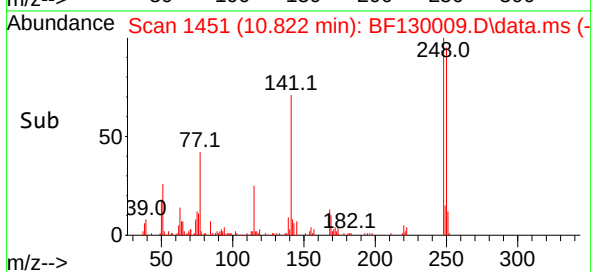
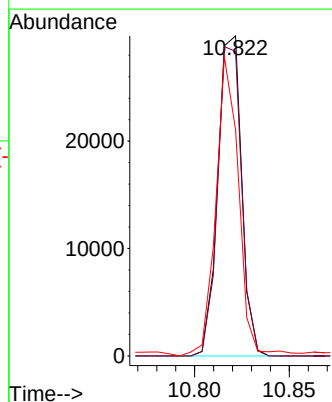
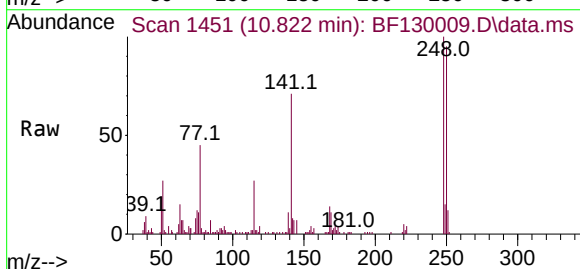
Manual Integrations
APPROVED

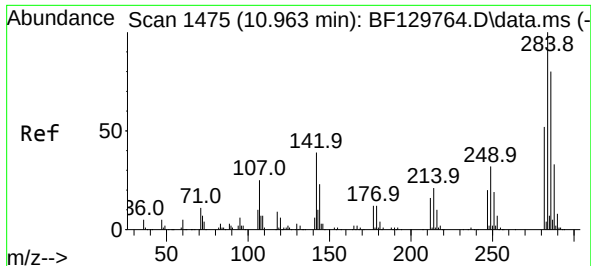
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#67
4-Bromophenyl-phenylether
Concen: 7.077 ng
RT: 10.822 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:248 Resp: 25975
Ion Ratio Lower Upper
248 100
250 95.2 77.8 116.6
141 70.6 66.2 99.2





#68
Hexachlorobenzene
Concen: 6.863 ng
RT: 10.886 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

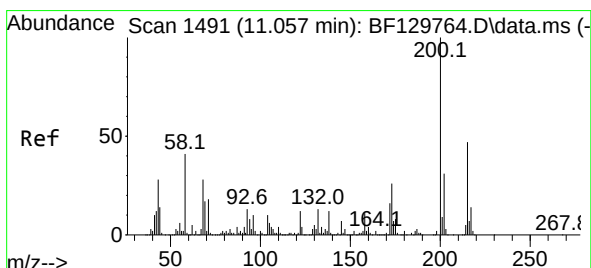
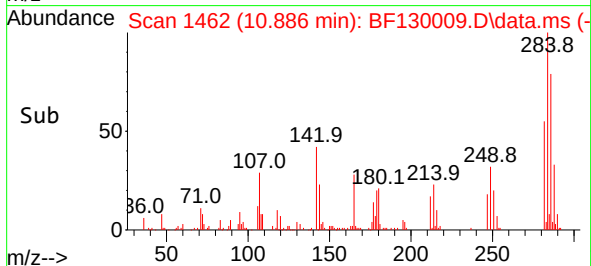
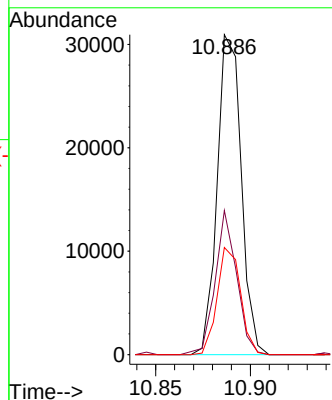
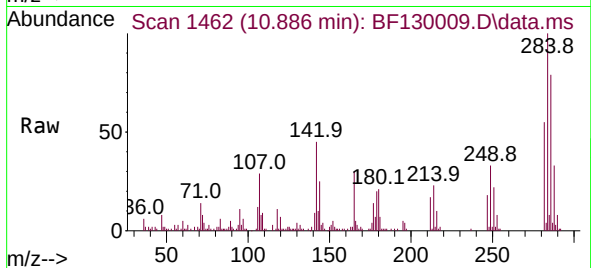
SU-03-082322MSD

Tgt Ion:284 Resp: 27285
Ion Ratio Lower Upper
284 100
142 45.0 31.4 47.0
249 33.5 25.7 38.5

Manual Integrations

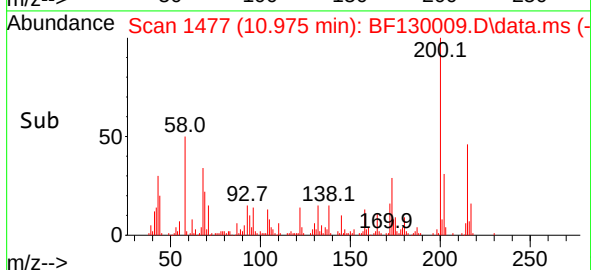
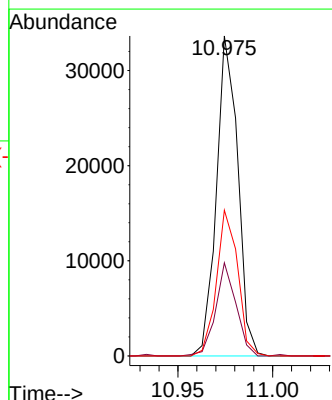
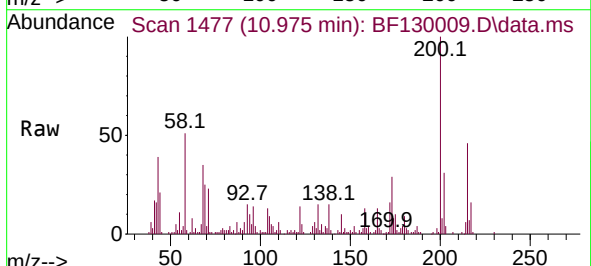
APPROVED

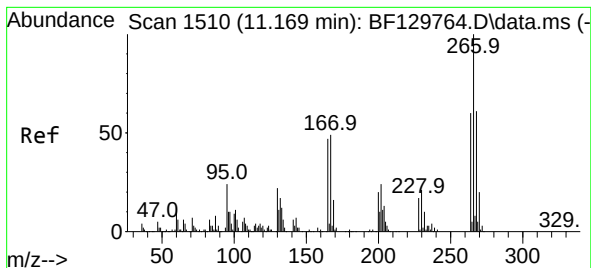
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#69
Atrazine
Concen: 8.114 ng
RT: 10.975 min Scan# 1477
Delta R.T. -0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

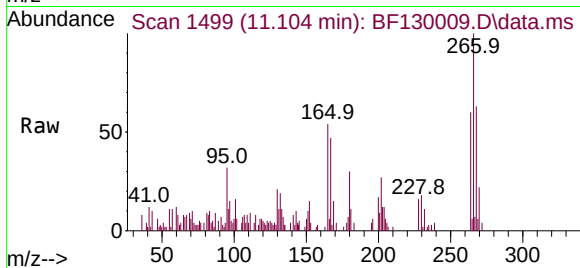
Tgt Ion:200 Resp: 26340
Ion Ratio Lower Upper
200 100
173 29.1 6.4 46.4
215 45.5 27.1 67.1





#70
Pentachlorophenol
Concen: 15.336 ng m
RT: 11.104 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

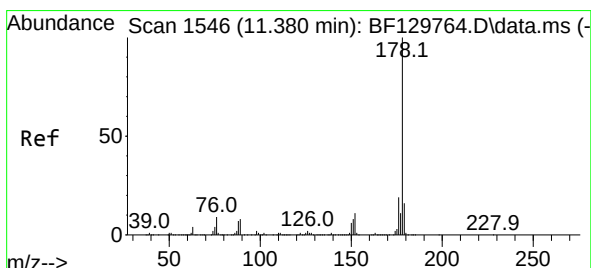
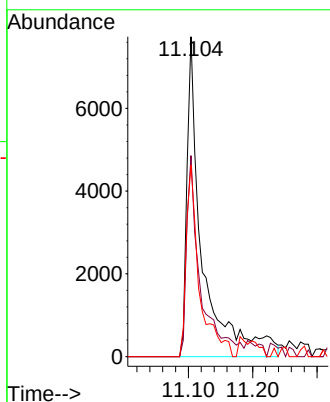
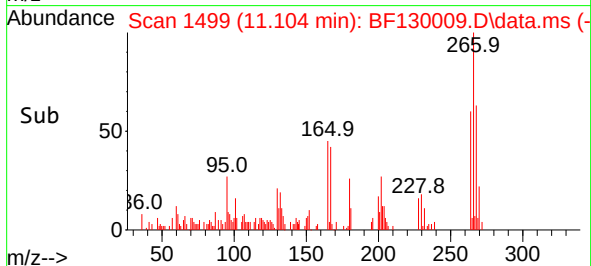
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion:266 Resp: 12940
Ion Ratio Lower Upper
266 100
268 62.8 49.0 73.4
264 59.9 47.9 71.9

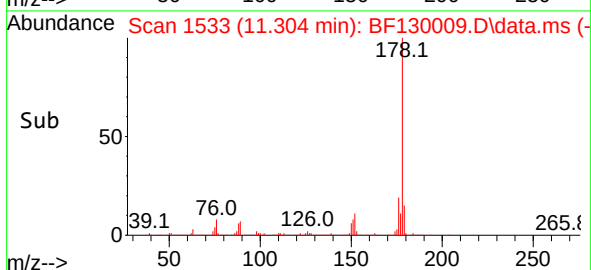
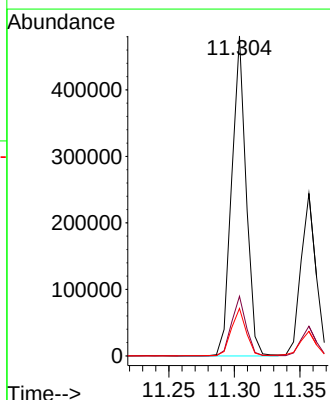
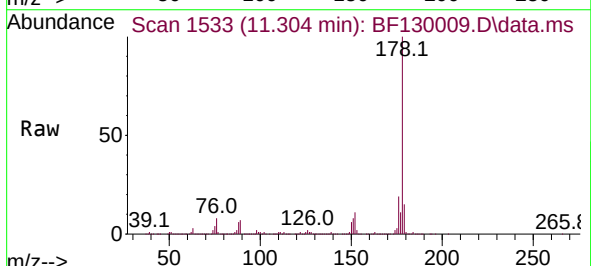
Manual Integrations
APPROVED

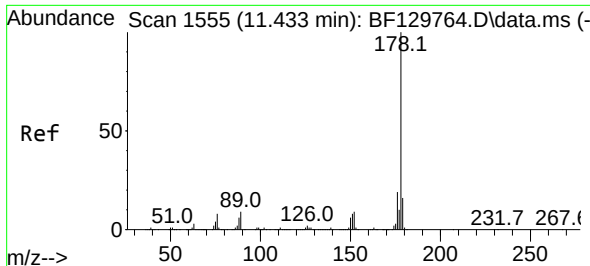
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#71
Phenanthrene
Concen: 21.089 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:178 Resp: 369081
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 14.8 12.5 18.7





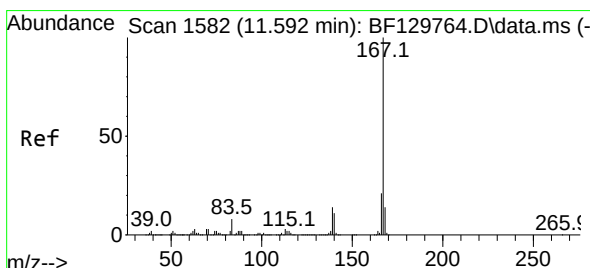
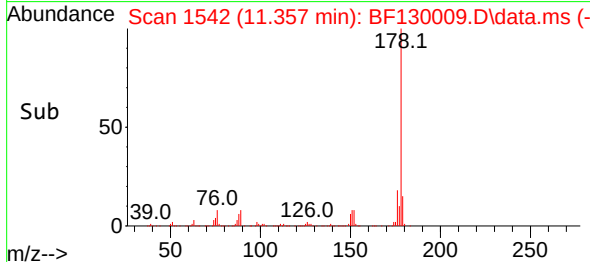
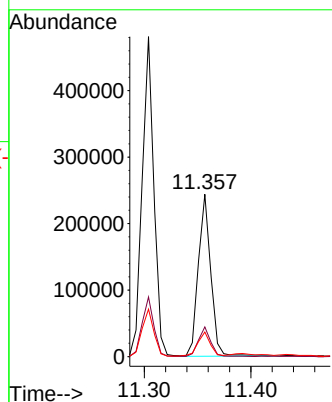
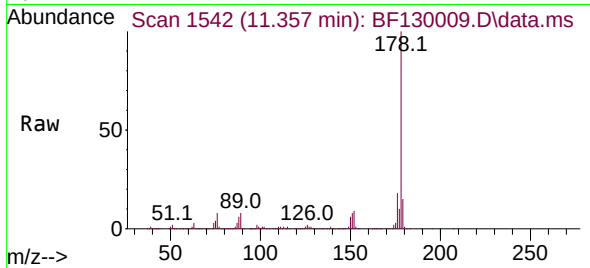
#72
 Anthracene
 Concen: 11.342 ng
 RT: 11.357 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MSD

Tgt Ion:178 Resp: 197395
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 15.2 12.6 18.8

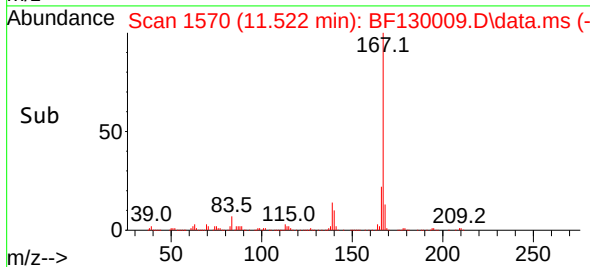
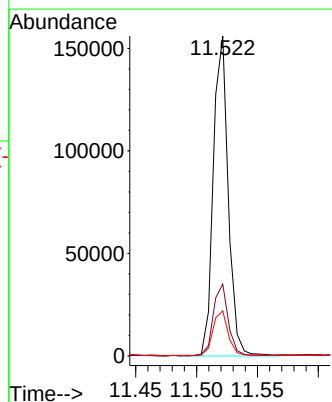
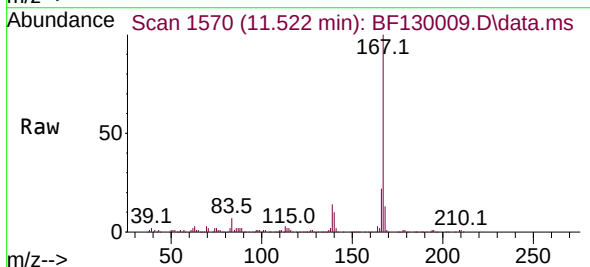
Manual Integrations
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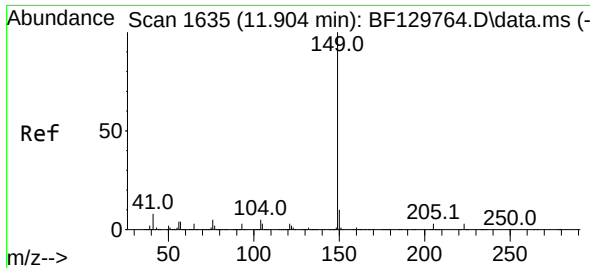
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#73
 Carbazole
 Concen: 8.450 ng
 RT: 11.522 min Scan# 1570
 Delta R.T. -0.000 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

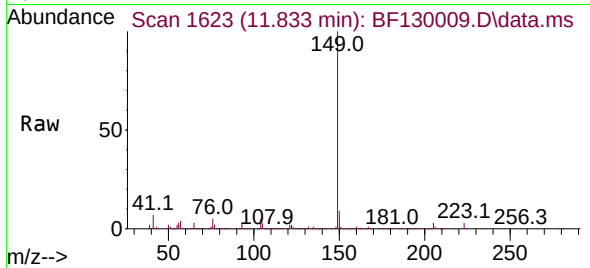
Tgt Ion:167 Resp: 133503
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.1 25.7
 139 14.1 11.0 16.6





#74
Di-n-butylphthalate
Concen: 7.630 ng
RT: 11.833 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

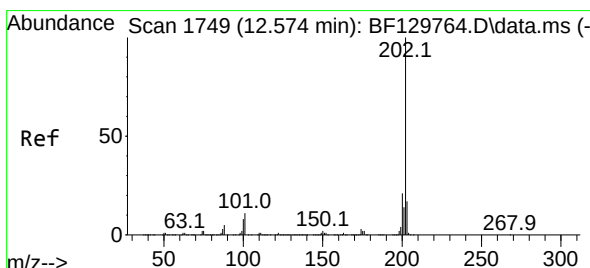
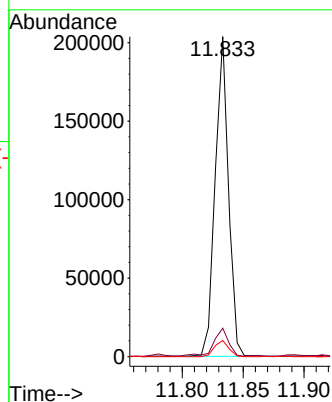
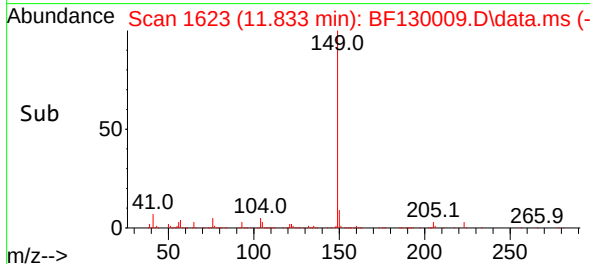
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion:149 Resp: 155142
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 5.0 4.2 6.4

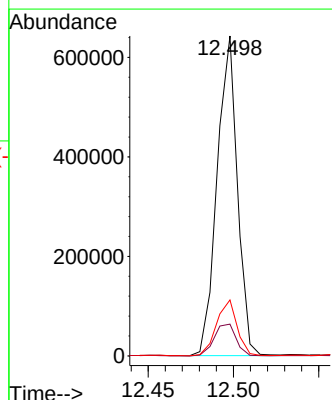
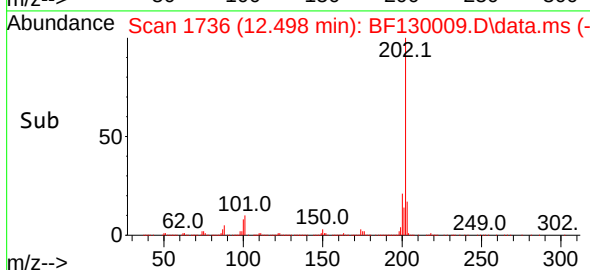
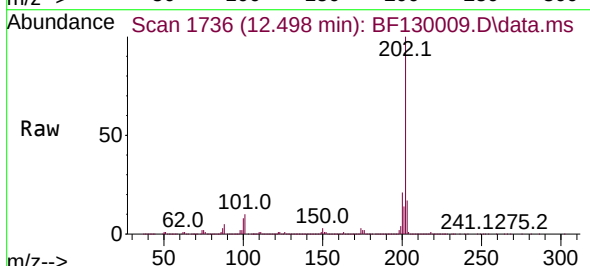
Manual Integrations
APPROVED

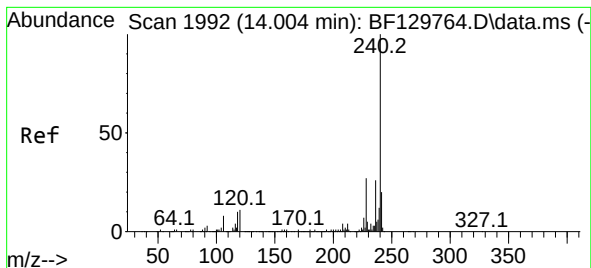
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#75
Fluoranthene
Concen: 29.754 ng
RT: 12.498 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:202 Resp: 532867
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 17.5 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

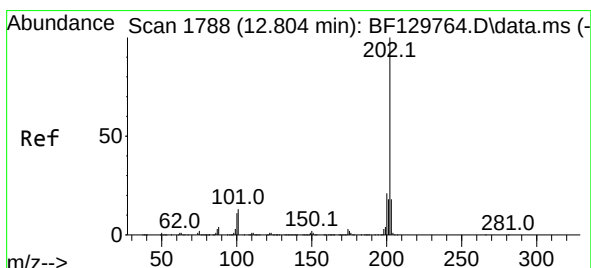
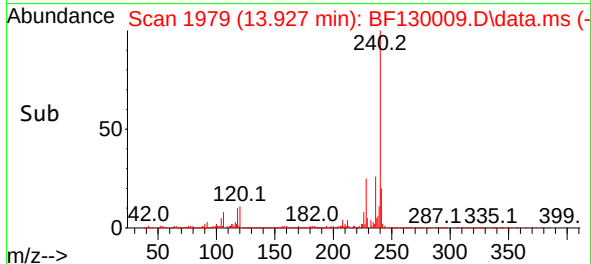
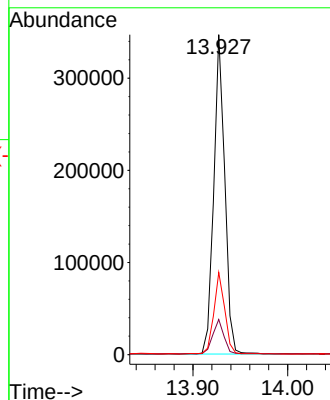
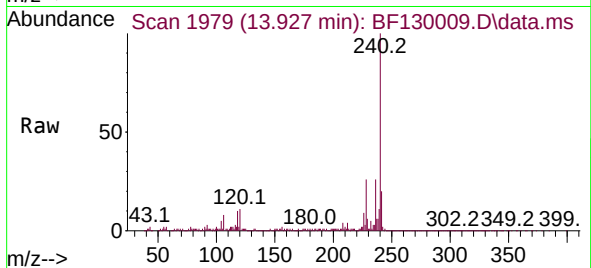
SU-03-082322MSD

Tgt Ion:240 Resp: 281205
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.2 13.8
 236 25.7 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#78

Pyrene

Concen: 21.358 ng

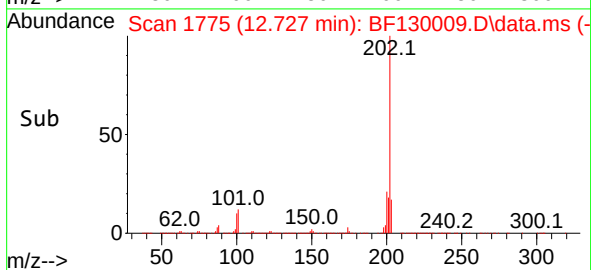
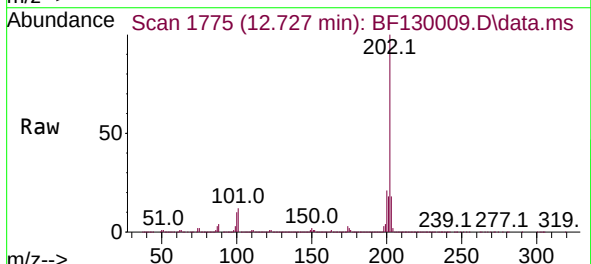
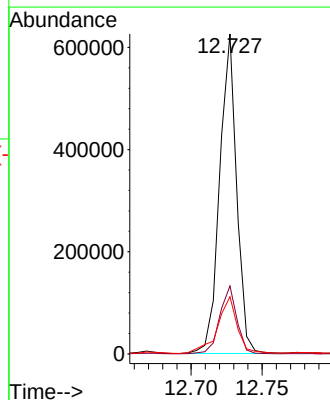
RT: 12.727 min Scan# 1775

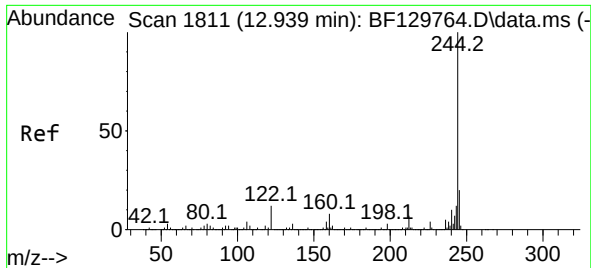
Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

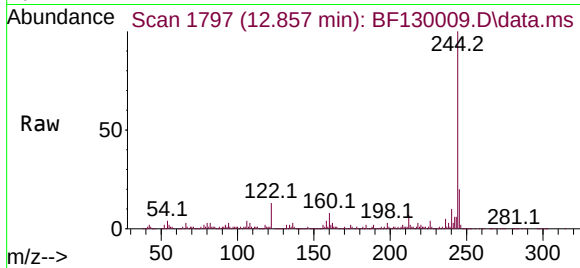
Tgt Ion:202 Resp: 521921
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.0 25.6
 203 17.9 14.1 21.1





#79
Terphenyl-d14
Concen: 10.211 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

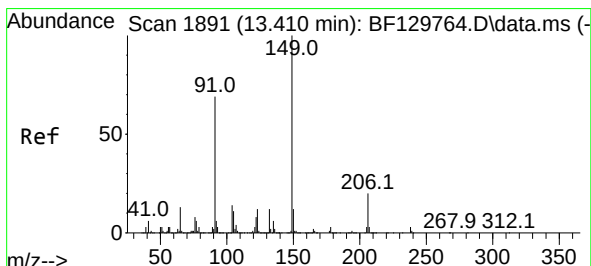
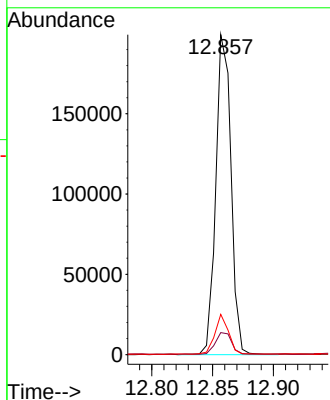
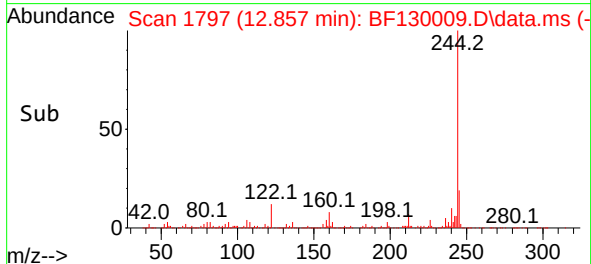
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion:244 Resp: 172576
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 12.6 9.9 14.9

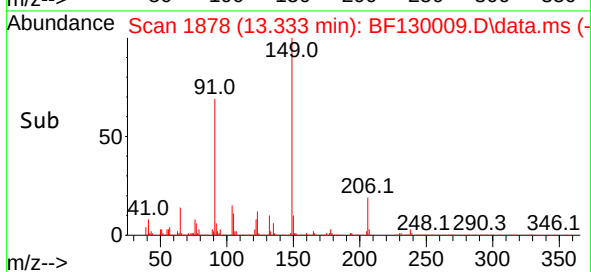
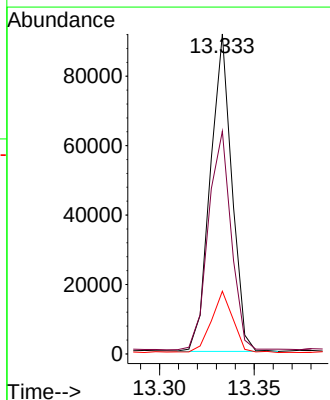
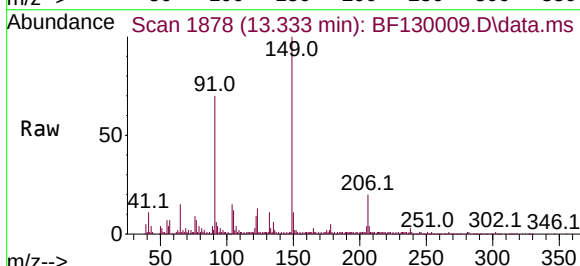
Manual Integrations
APPROVED

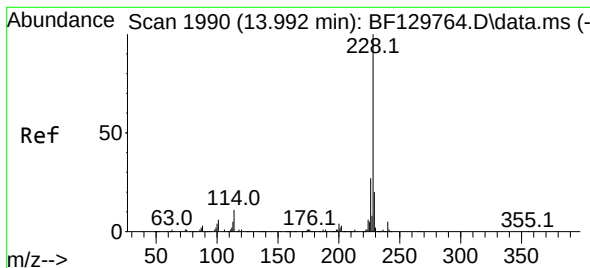
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#80
Butylbenzylphthalate
Concen: 6.987 ng
RT: 13.333 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:149 Resp: 72249
Ion Ratio Lower Upper
149 100
91 69.6 55.4 83.0
206 19.6 15.8 23.6





#81

Benzo(a)anthracene

Concen: 16.860 ng

RT: 13.916 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

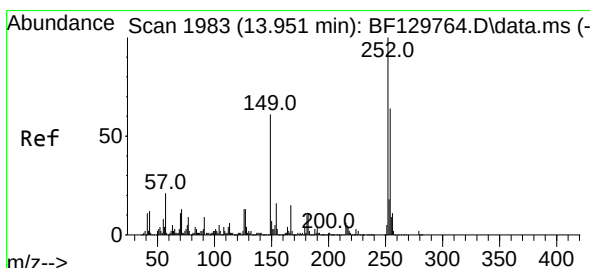
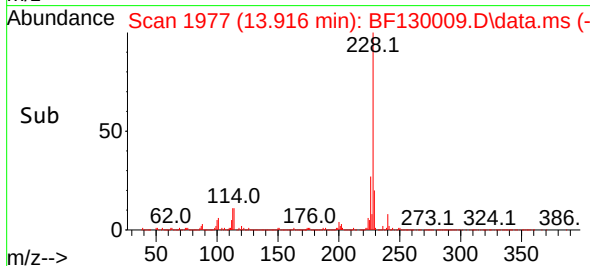
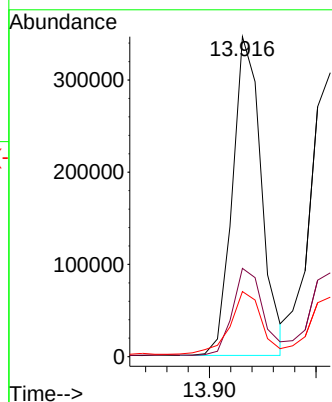
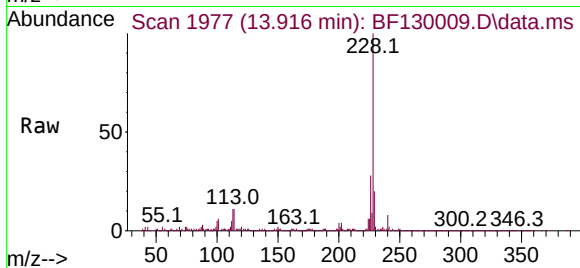
ClientSampleId :

SU-03-082322MSD

Tgt Ion:228 Resp: 326140
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.4 32.0
 229 20.3 16.1 24.1

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Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#82

3,3'-Dichlorobenzidine

Concen: 6.806 ng

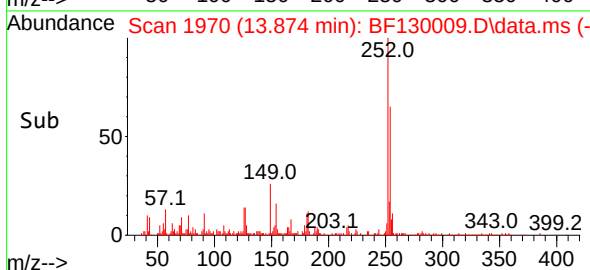
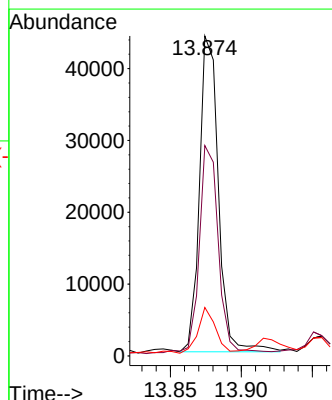
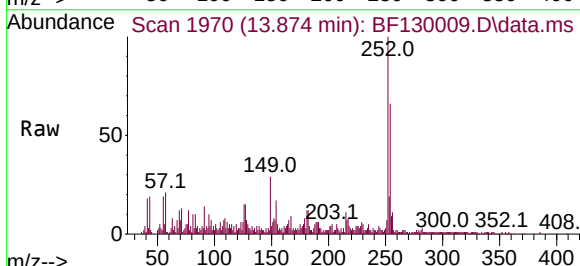
RT: 13.874 min Scan# 1970

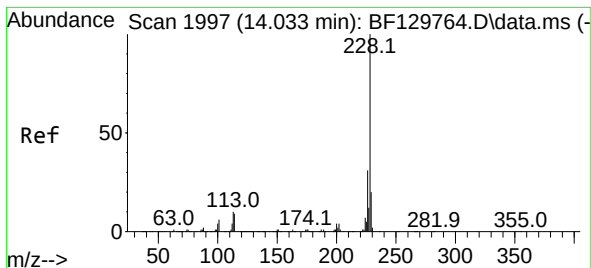
Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Tgt Ion:252 Resp: 40774
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.4 77.2
 126 15.1 10.2 15.4





#83

Chrysene

Concen: 16.114 ng

RT: 13.957 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

Tgt Ion:228 Resp: 291790

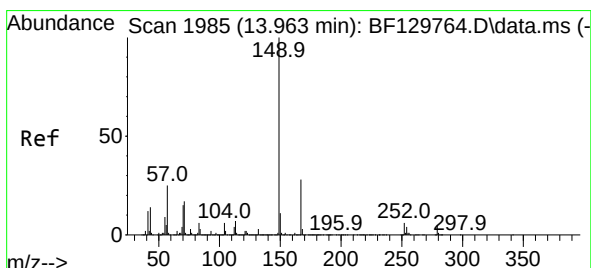
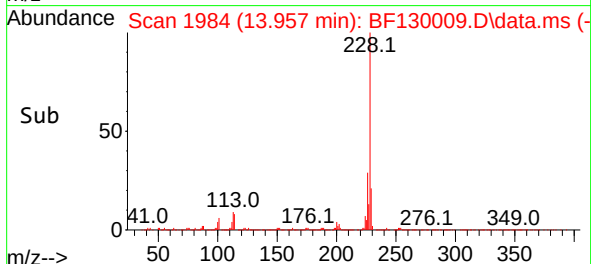
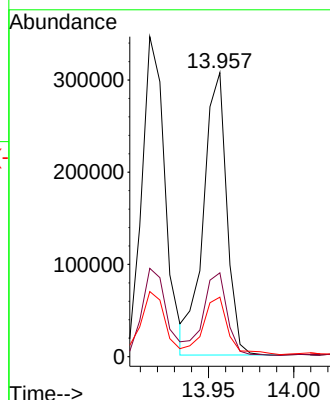
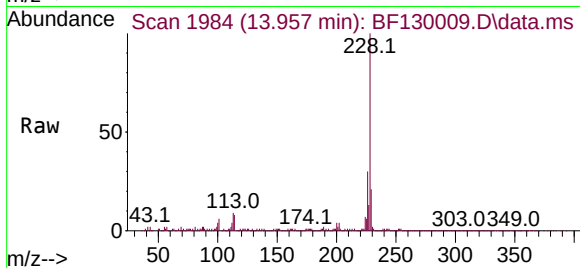
Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	21.0	15.9	23.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.719 ng

RT: 13.886 min Scan# 1972

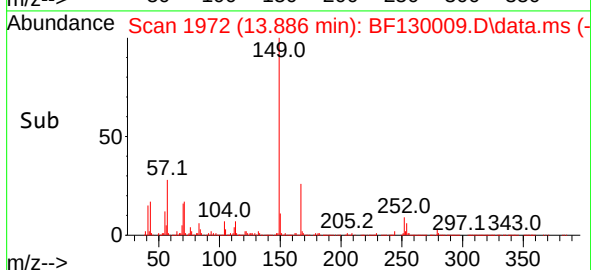
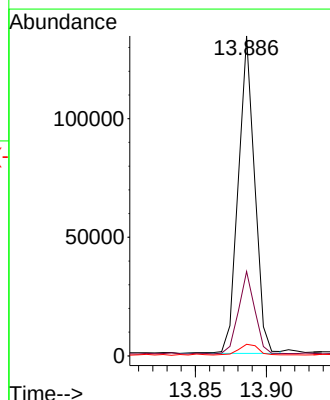
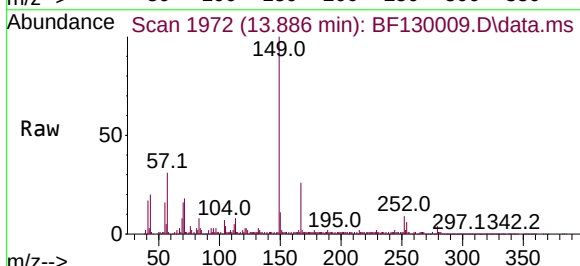
Delta R.T. -0.000 min

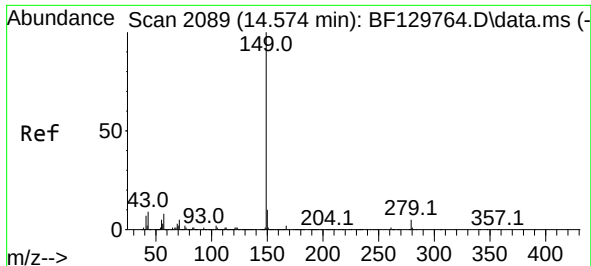
Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Tgt Ion:149 Resp: 106957

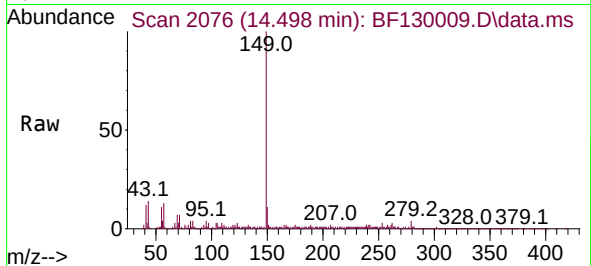
Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.0	33.0
279	3.6	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 9.871 ng
RT: 14.498 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

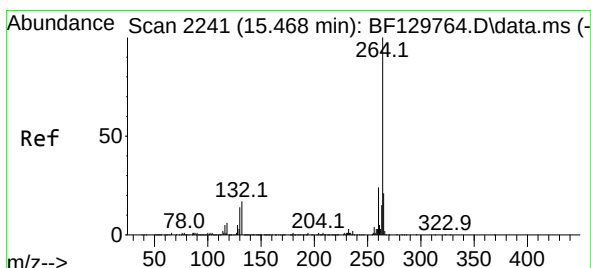
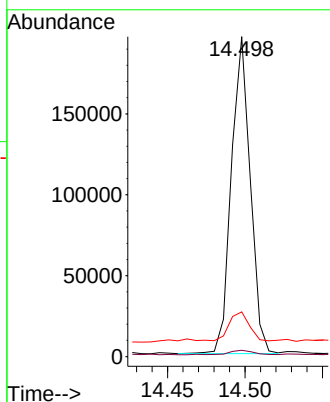
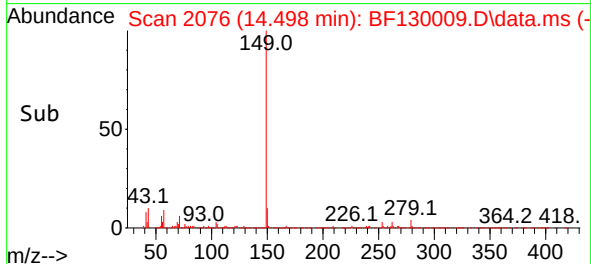
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



Tgt Ion:149 Resp: 167165
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9
43 9.6 7.8 11.6

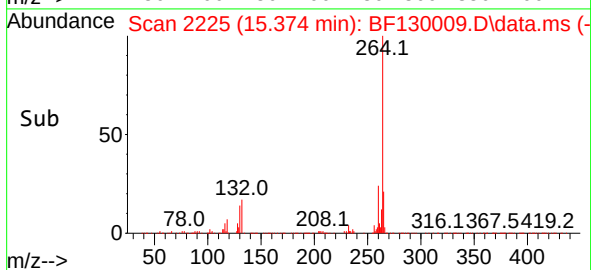
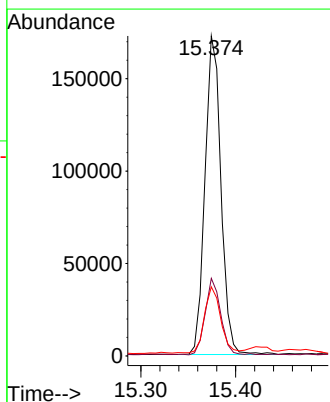
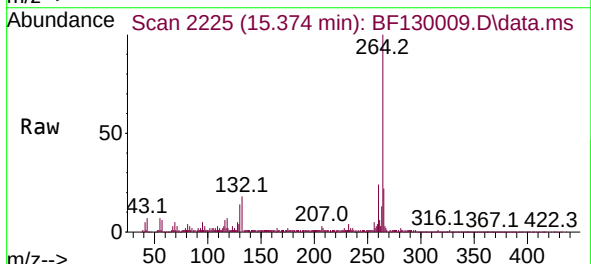
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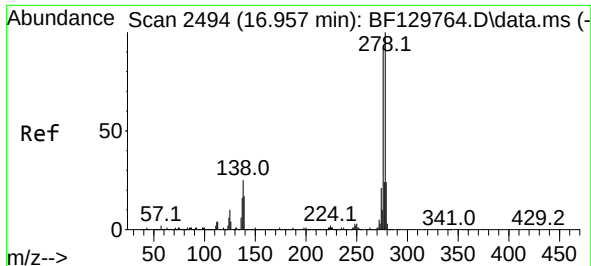
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:264 Resp: 202910
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 21.6 16.7 25.1





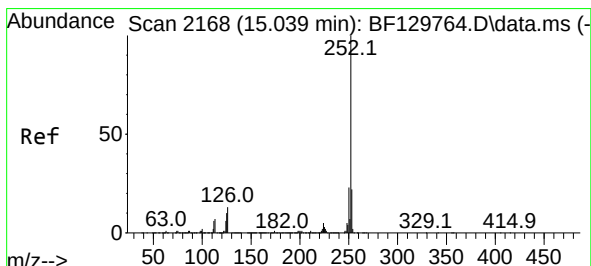
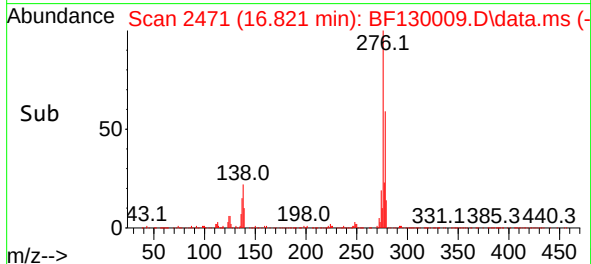
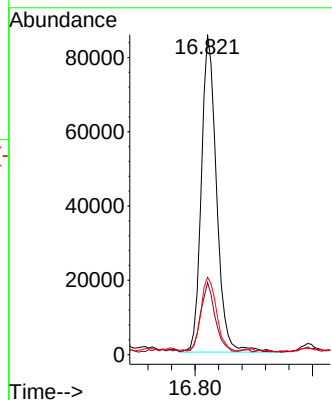
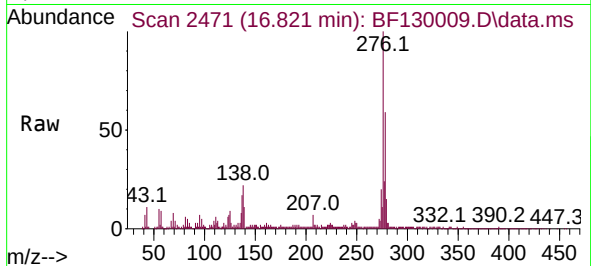
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.996 ng
RT: 16.821 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

Tgt Ion:276 Resp: 15317
Ion Ratio Lower Upper
276 100
138 20.9 19.8 29.8
277 23.5 20.4 30.6

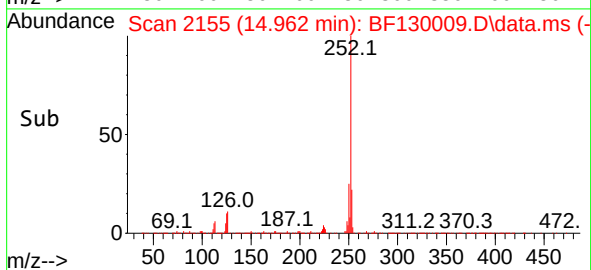
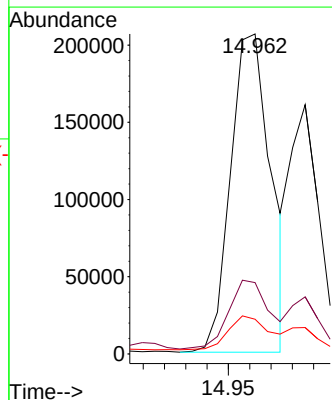
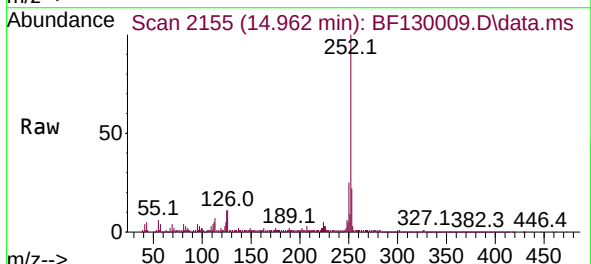
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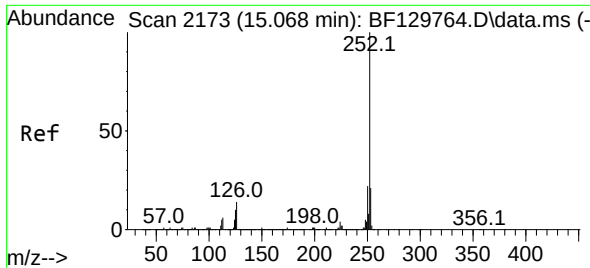
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#88
Benzo(b)fluoranthene
Concen: 19.502 ng
RT: 14.962 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

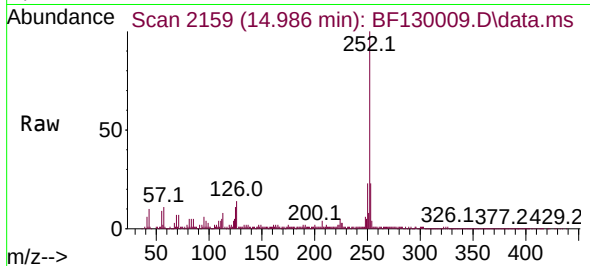
Tgt Ion:252 Resp: 270969
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.8 8.3 12.5





#89
Benzo(k)fluoranthene
Concen: 11.393 ng
RT: 14.986 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

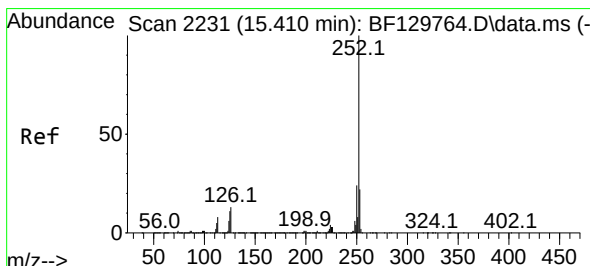
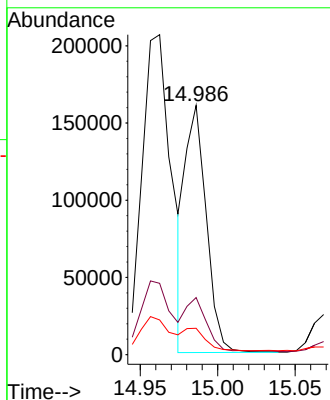
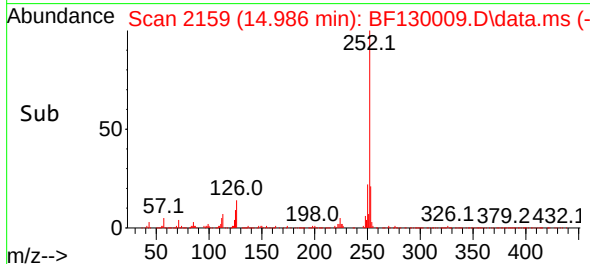
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



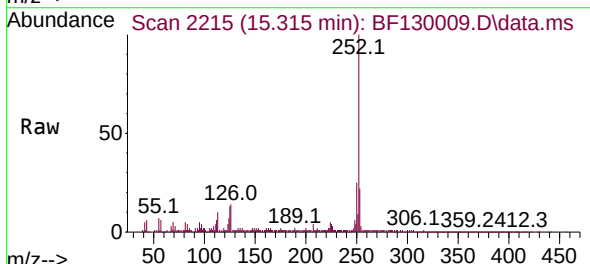
Tgt Ion:252 Resp: 151805
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 10.6 8.3 12.5

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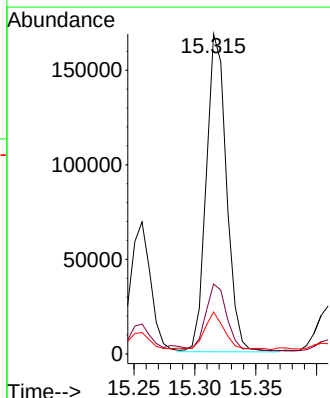
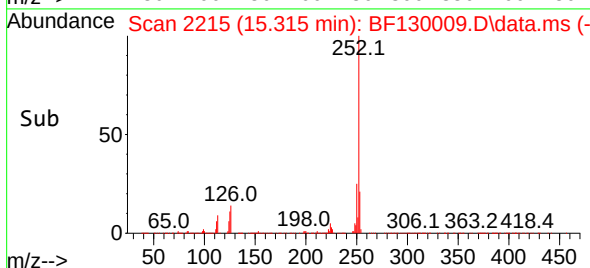
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

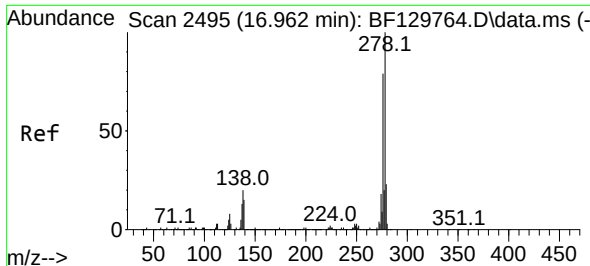


#90
Benzo(a)pyrene
Concen: 17.789 ng
RT: 15.315 min Scan# 2215
Delta R.T. 0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34



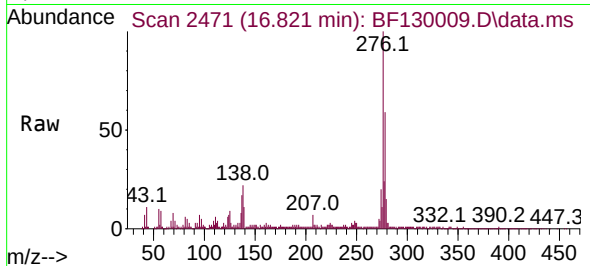
Tgt Ion:252 Resp: 194644
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 13.1 8.8 13.2





#91
 Dibenzo(a,h)anthracene
 Concen: 7.995 ng
 RT: 16.821 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

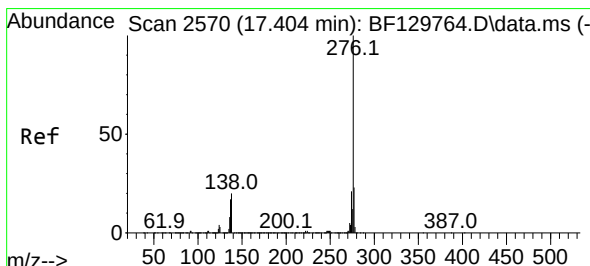
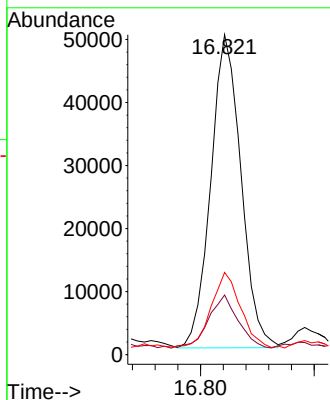
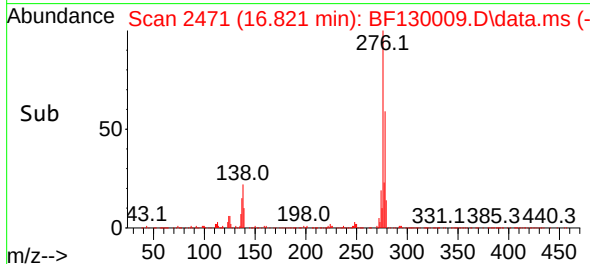
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MSD



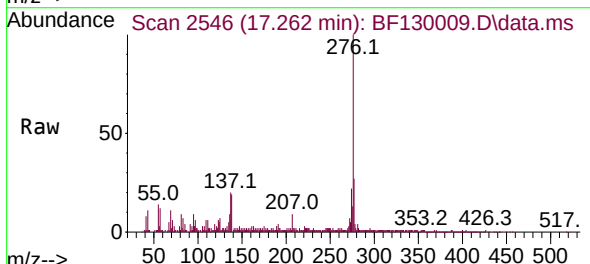
Tgt Ion:278 Resp: 91895
 Ion Ratio Lower Upper
 278 100
 139 18.6 12.2 18.4
 279 25.7 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#92
 Benzo(g,h,i)perylene
 Concen: 11.265 ng
 RT: 17.262 min Scan# 2546
 Delta R.T. 0.018 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34



Tgt Ion:276 Resp: 129172
 Ion Ratio Lower Upper
 276 100
 277 26.8 18.2 27.4
 138 18.9 15.8 23.8

