

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130287.D
 Acq On : 16 Sep 2022 12:15
 Operator : CG\JU
 Sample : PB147667BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147667BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/19/2022
 Supervised By : Jagrut Upadhyay 09/19/2022

Quant Time: Sep 17 02:30:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	96240	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	381366	20.000	ng	# 0.00
39) Acenaphthene-d10	9.710	164	199881	20.000	ng	0.00
64) Phenanthrene-d10	11.192	188	342089	20.000	ng	0.00
76) Chrysene-d12	13.822	240	185620	20.000	ng	# 0.00
86) Perylene-d12	15.210	264	159172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	792385	142.806	ng	0.02
7) Phenol-d6	6.322	99	986910	142.151	ng	0.00
23) Nitrobenzene-d5	7.245	82	641874	85.987	ng	0.00
42) 2,4,6-Tribromophenol	10.504	330	316844	165.433	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1223334	89.123	ng	0.00
79) Terphenyl-d14	12.775	244	1201997	107.267	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.399	88	92552	36.319	ng	97
3) Pyridine	3.087	79	236549	35.584	ng	97
4) n-Nitrosodimethylamine	3.046	42	144533	39.976	ng	97
6) Aniline	6.340	93	335917	39.269	ng	98
8) 2-Chlorophenol	6.463	128	298039	47.153	ng	92
9) Benzaldehyde	6.228	77	177366	38.139	ng	93
10) Phenol	6.334	94	362492	44.553	ng	88
11) bis(2-Chloroethyl)ether	6.422	93	267921	45.654	ng	95
12) 1,3-Dichlorobenzene	6.616	146	320398	46.068	ng	97
13) 1,4-Dichlorobenzene	6.693	146	324252	45.719	ng	99
14) 1,2-Dichlorobenzene	6.846	146	304283	45.927	ng	98
15) Benzyl Alcohol	6.828	79	228751m	41.556	ng	
16) 2,2'-oxybis(1-Chloropr...	6.957	45	364184	42.548	ng	98
17) 2-Methylphenol	6.940	107	229431	44.653	ng	98
18) Hexachloroethane	7.187	117	124937	44.690	ng	98
19) n-Nitroso-di-n-propyla...	7.104	70	204300	43.609	ng	94
20) 3+4-Methylphenols	7.093	107	291238	43.633	ng	# 86
22) Acetophenone	7.093	105	423554	45.427	ng	99
24) Nitrobenzene	7.263	77	318171	41.977	ng	99
25) Isophorone	7.504	82	559128	46.472	ng	99
26) 2-Nitrophenol	7.581	139	153649	49.450	ng	91
27) 2,4-Dimethylphenol	7.622	122	259229	54.184	ng	99
28) bis(2-Chloroethoxy)met...	7.722	93	329715	48.668	ng	99
29) 2,4-Dichlorophenol	7.822	162	243351	46.417	ng	96
30) 1,2,4-Trichlorobenzene	7.904	180	252690	44.580	ng	96
31) Naphthalene	7.981	128	861212	43.833	ng	100
32) Benzoic acid	7.757	122	169632	45.849	ng	95
33) 4-Chloroaniline	8.034	127	171051	22.891	ng	98
34) Hexachlorobutadiene	8.098	225	162922	44.975	ng	99
35) Caprolactam	8.410	113	74481m	49.555	ng	
36) 4-Chloro-3-methylphenol	8.522	107	270801	46.600	ng	99
37) 2-Methylnaphthalene	8.675	142	564066	45.028	ng	99
38) 1-Methylnaphthalene	8.769	142	527038	43.795	ng	99
40) 1,2,4,5-Tetrachloroben...	8.839	216	256495	47.021	ng	99
41) Hexachlorocyclopentadiene	8.828	237	361401	123.747	ng	99
43) 2,4,6-Trichlorophenol	8.951	196	172766	45.381	ng	97

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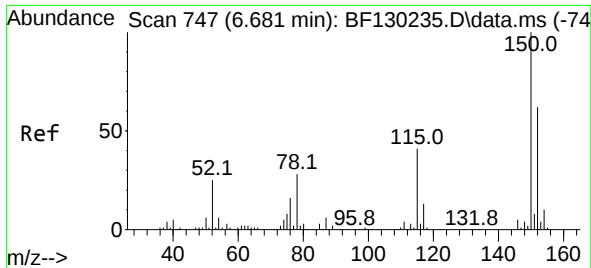
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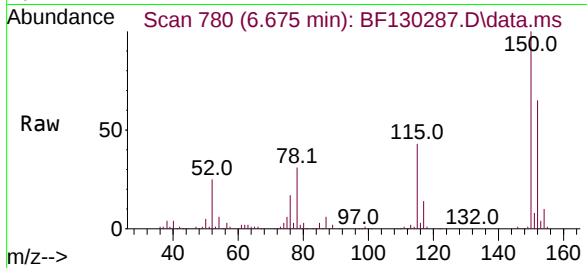
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.992	196	183992	44.787	ng	96
46) 1,1'-Biphenyl	9.139	154	695542	46.593	ng	98
47) 2-Chloronaphthalene	9.163	162	532665	44.110	ng	97
48) 2-Nitroaniline	9.263	65	169160	42.000	ng	88
49) Acenaphthylene	9.575	152	803123	44.357	ng	99
50) Dimethylphthalate	9.445	163	625688	45.317	ng	100
51) 2,6-Dinitrotoluene	9.504	165	136378	47.230	ng	94
52) Acenaphthene	9.745	154	594607m	49.983	ng	
53) 3-Nitroaniline	9.669	138	90975	28.275	ng	98
54) 2,4-Dinitrophenol	9.781	184	149661	94.330	ng	# 84
55) Dibenzofuran	9.916	168	740451	44.749	ng	99
56) 4-Nitrophenol	9.839	139	214440	91.504	ng	91
57) 2,4-Dinitrotoluene	9.904	165	183918	49.838	ng	97
58) Fluorene	10.257	166	604462	44.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.034	232	148090	46.055	ng	95
60) Diethylphthalate	10.145	149	621904	44.917	ng	99
61) 4-Chlorophenyl-phenyle...	10.257	204	283020	47.676	ng	92
62) 4-Nitroaniline	10.286	138	139238	43.077	ng	98
63) Azobenzene	10.416	77	595048	41.737	ng	96
65) 4,6-Dinitro-2-methylph...	10.310	198	88739	46.599	ng	95
66) n-Nitrosodiphenylamine	10.375	169	506730	44.327	ng	99
67) 4-Bromophenyl-phenylether	10.745	248	178292	47.245	ng	92
68) Hexachlorobenzene	10.798	284	204873	47.891	ng	# 92
69) Atrazine	10.904	200	170264	50.966	ng	98
70) Pentachlorophenol	10.998	266	221521	96.487	ng	99
71) Phenanthrene	11.216	178	836159	43.536	ng	99
72) Anthracene	11.269	178	848440	45.776	ng	99
73) Carbazole	11.428	167	749883	44.830	ng	99
74) Di-n-butylphthalate	11.763	149	898944	44.566	ng	99
75) Fluoranthene	12.398	202	793995	42.782	ng	99
77) Benzidine	12.528	184	347415	64.475	ng	99
78) Pyrene	12.627	202	797827	49.133	ng	99
80) Butylbenzylphthalate	13.251	149	287877	47.855	ng	98
81) Benzo(a)anthracene	13.810	228	555855	45.015	ng	99
82) 3,3'-Dichlorobenzidine	13.780	252	124814	37.132	ng	# 98
83) Chrysene	13.845	228	511541	43.629	ng	99
84) Bis(2-ethylhexyl)phtha...	13.810	149	336101	48.778	ng	99
85) Di-n-octyl phthalate	14.421	149	498765	47.326	ng	98
87) Indeno(1,2,3-cd)pyrene	16.551	276	581929	51.555	ng	99
88) Benzo(b)fluoranthene	14.821	252	475429	45.762	ng	98
89) Benzo(k)fluoranthene	14.851	252	457900m	44.806	ng	
90) Benzo(a)pyrene	15.157	252	413838	50.280	ng	# 96
91) Dibenzo(a,h)anthracene	16.568	278	504913	54.528	ng	98
92) Benzo(g,h,i)perylene	16.951	276	502980	53.923	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

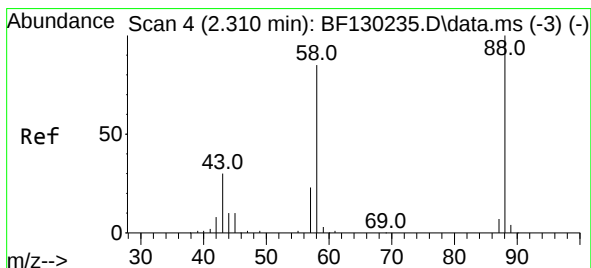
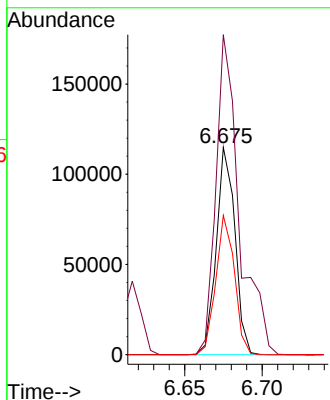
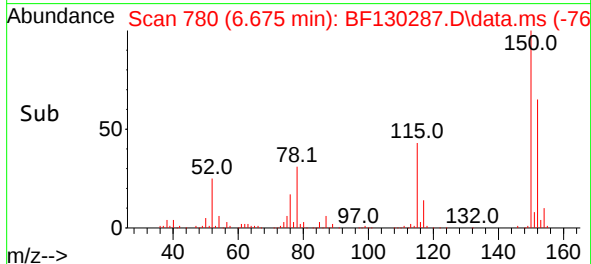
Instrument :
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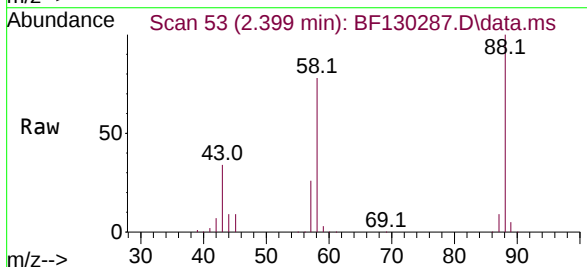
Tgt Ion:152 Resp: 96240
Ion Ratio Lower Upper
152 100
150 154.3 122.8 184.2
115 67.1 53.8 80.8

Manual Integrations
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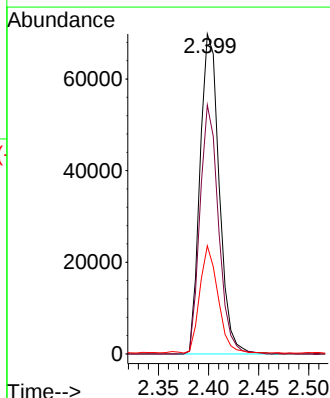
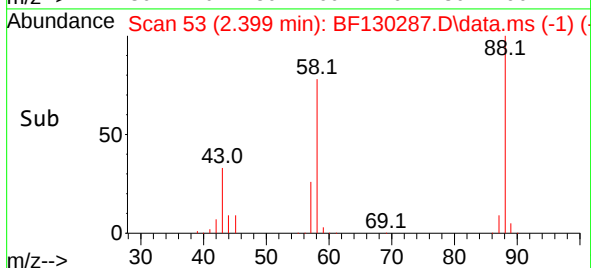
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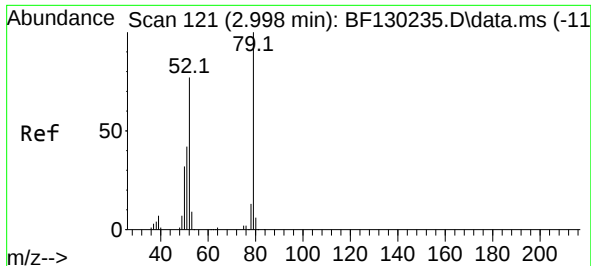


#2
1,4-Dioxane
Concen: 36.319 ng
RT: 2.399 min Scan# 53
Delta R.T. 0.088 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



Tgt Ion: 88 Resp: 92552
Ion Ratio Lower Upper
88 100
58 75.3 61.3 91.9
43 31.6 23.0 34.6





#3

Pyridine

Concen: 35.584 ng

RT: 3.087 min Scan# 11

Delta R.T. 0.088 min

Lab File: BF130287.D

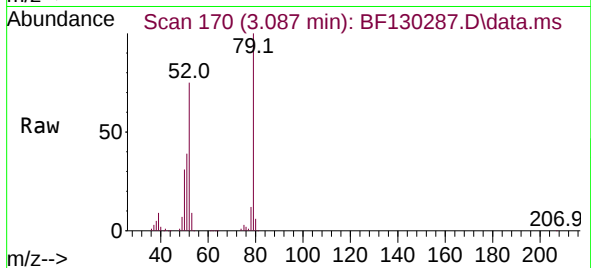
Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB147667BS



Tgt Ion: 79 Resp: 236549

Ion Ratio Lower Upper

79 100

52 74.8 62.4 93.6

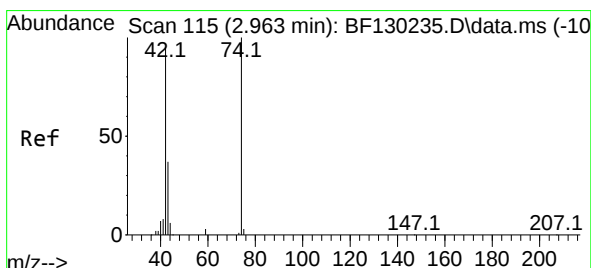
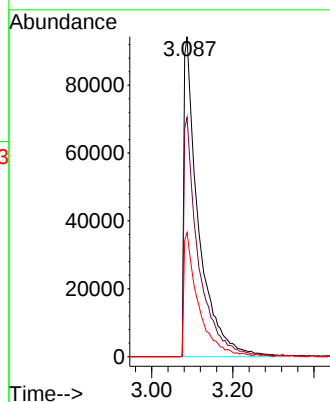
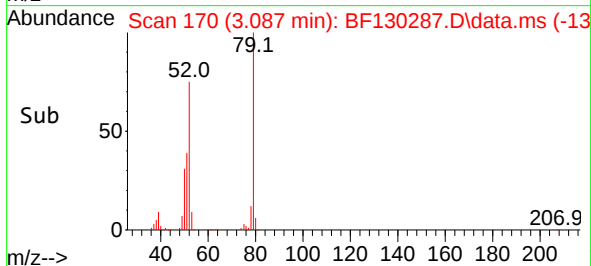
51 38.8 32.2 48.4

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#4

n-Nitrosodimethylamine

Concen: 39.976 ng

RT: 3.046 min Scan# 163

Delta R.T. 0.083 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

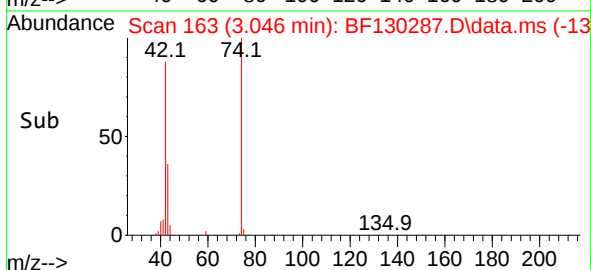
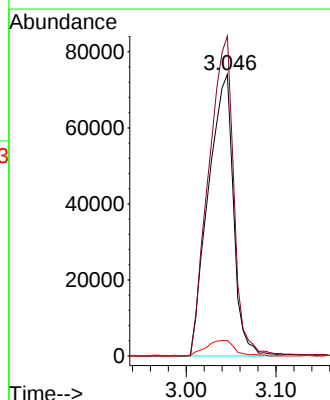
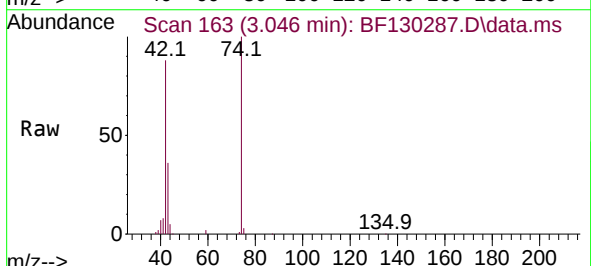
Tgt Ion: 42 Resp: 144533

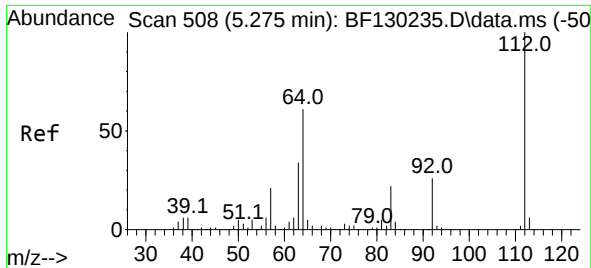
Ion Ratio Lower Upper

42 100

74 113.7 88.4 132.6

44 5.4 5.0 7.4





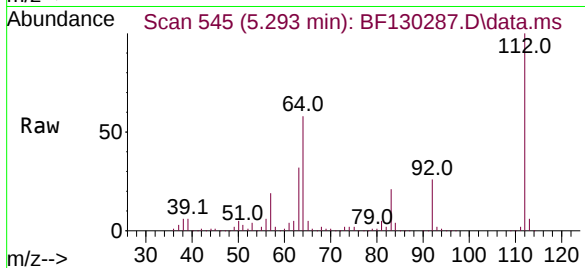
#5
2-Fluorophenol
Concen: 142.806 ng
RT: 5.293 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB147667BS

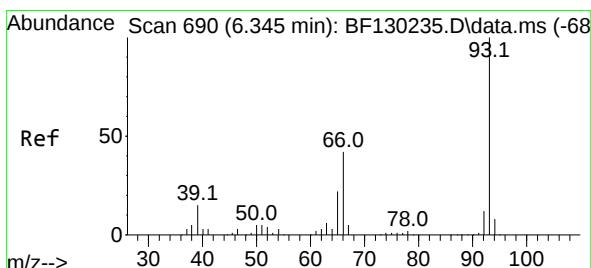
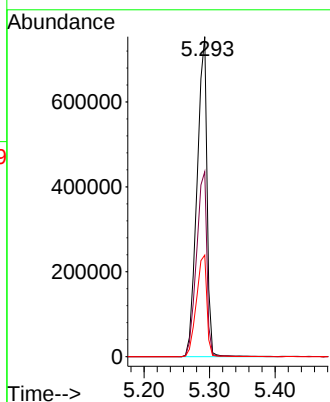
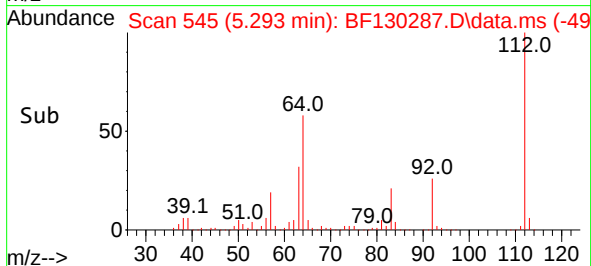


Tgt Ion:112 Resp: 792385
Ion Ratio Lower Upper
112 100
64 57.8 51.4 77.0
63 31.7 28.8 43.2

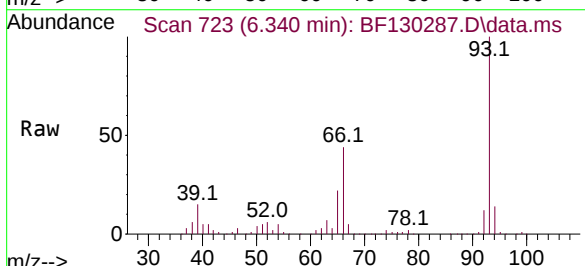
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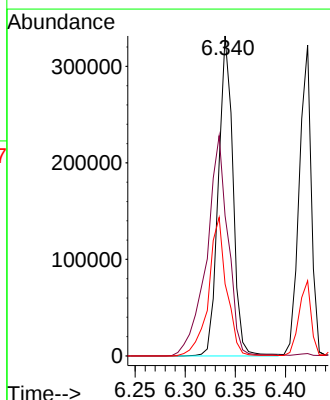
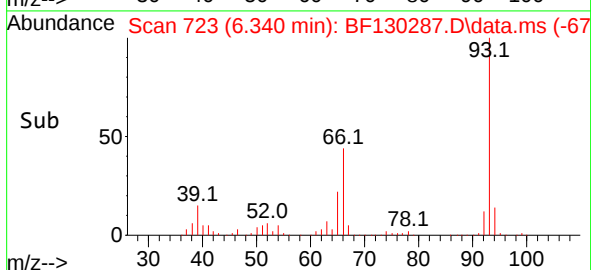
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#6
Aniline
Concen: 39.269 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



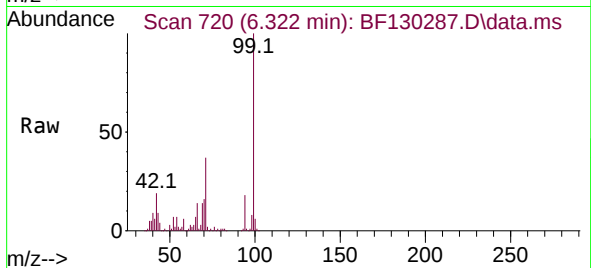
Tgt Ion: 93 Resp: 335917
Ion Ratio Lower Upper
93 100
66 43.8 34.2 51.4
65 22.5 16.6 24.8





#7
Phenol-d6
Concen: 142.151 ng
RT: 6.322 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

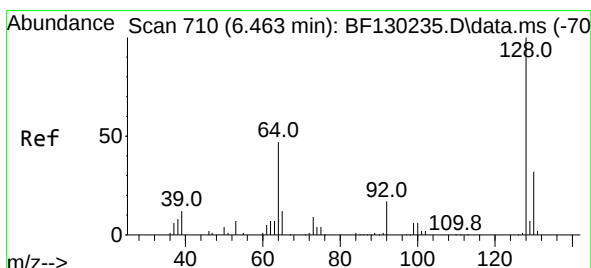
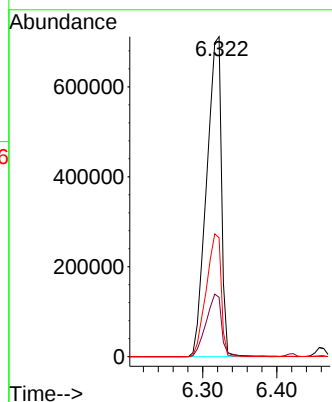
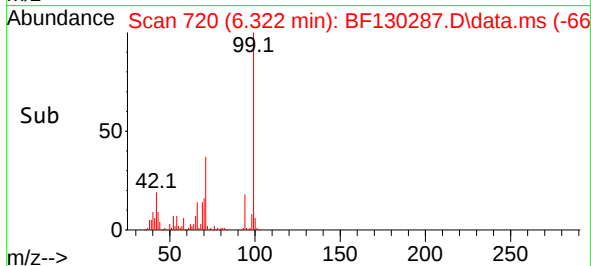
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BNA_F
ClientSampleId :
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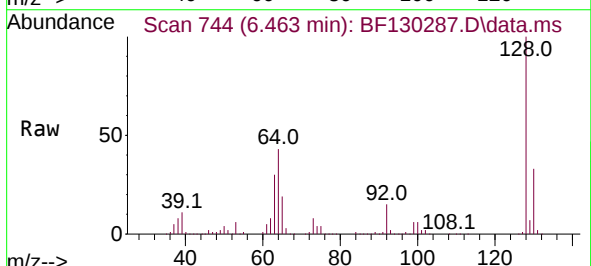
Tgt Ion: 99 Resp: 986910
Ion Ratio Lower Upper
99 100
42 18.5 17.0 25.6
71 37.1 32.3 48.5

Manual Integrations
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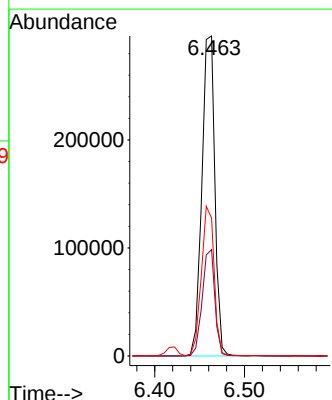
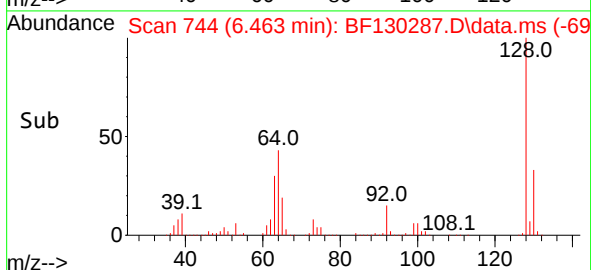
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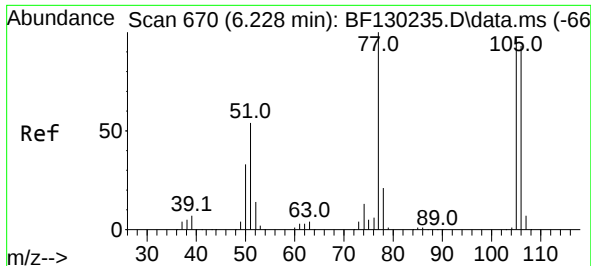


#8
2-Chlorophenol
Concen: 47.153 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



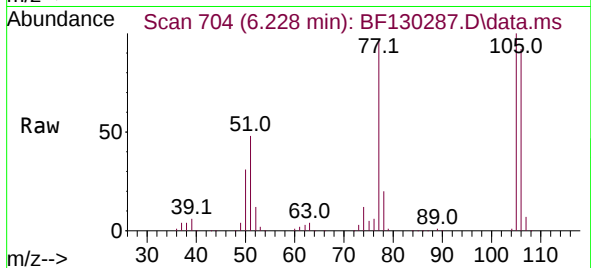
Tgt Ion:128 Resp: 298039
Ion Ratio Lower Upper
128 100
130 33.2 12.4 52.4
64 43.1 31.6 71.6





#9
Benzaldehyde
Concen: 38.139 ng
RT: 6.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

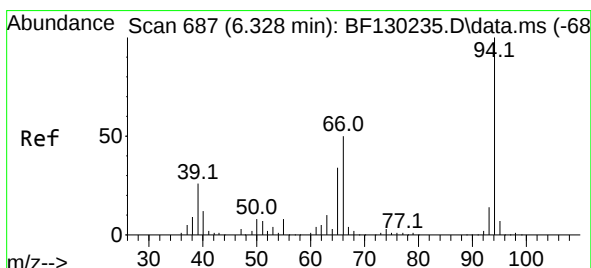
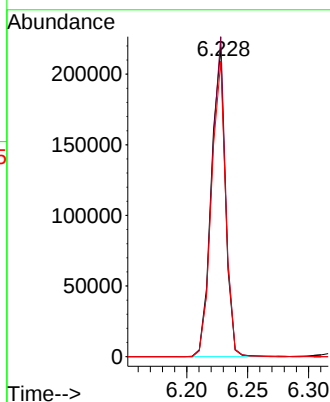
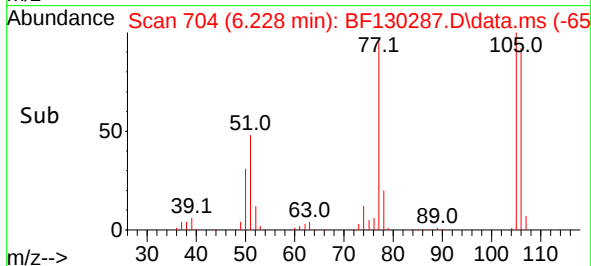
Instrument :
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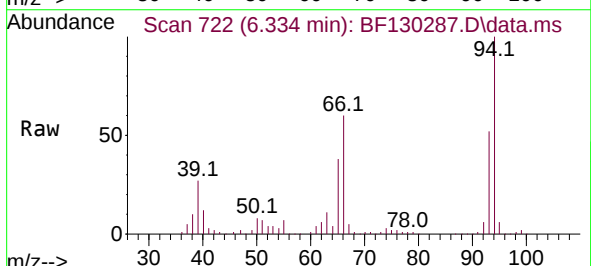
Tgt Ion: 77 Resp: 177366
Ion Ratio Lower Upper
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105 103.5 75.1 115.1
106 95.5 69.7 109.7

Manual Integrations
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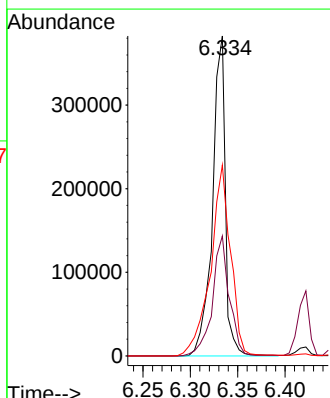
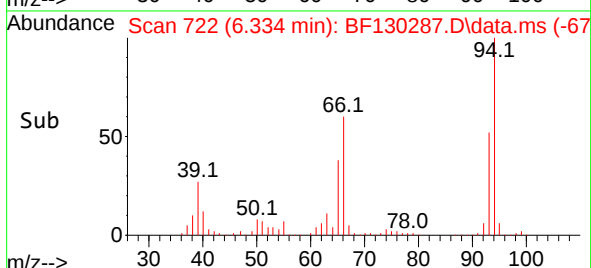
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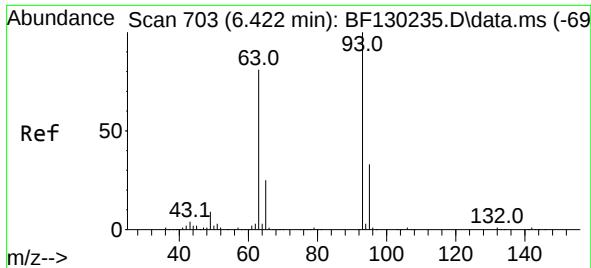


#10
Phenol
Concen: 44.553 ng
RT: 6.334 min Scan# 722
Delta R.T. 0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



Tgt Ion: 94 Resp: 362492
Ion Ratio Lower Upper
94 100
65 37.5 14.1 54.1
66 59.6 28.1 68.1





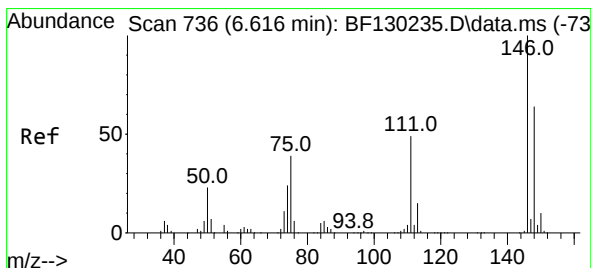
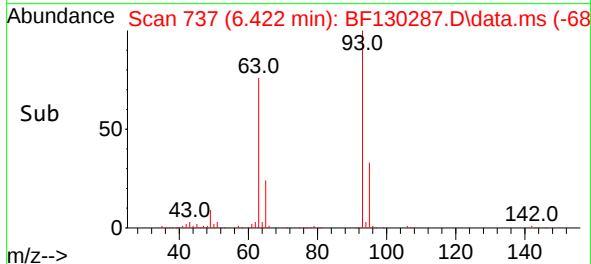
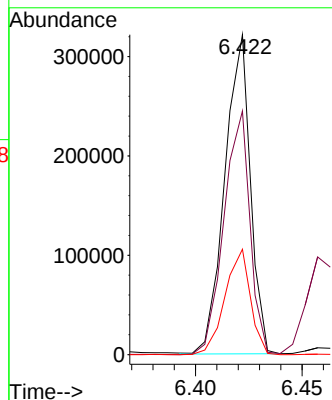
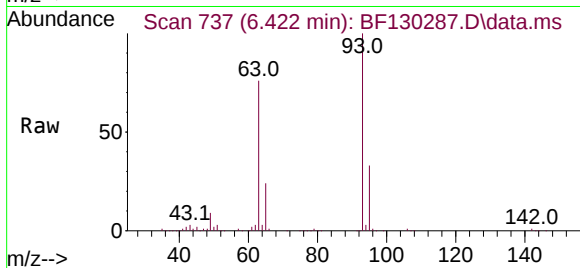
#11
bis(2-Chloroethyl)ether
Concen: 45.654 ng
RT: 6.422 min Scan# 703
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB147667BS

Tgt Ion: 93 Resp: 267921
Ion Ratio Lower Upper
93 100
63 76.1 62.5 102.5
95 32.9 12.5 52.5

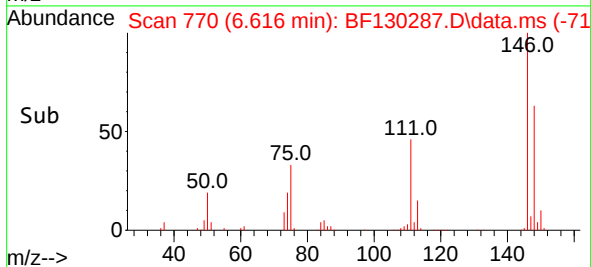
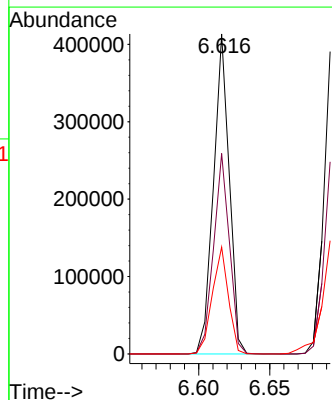
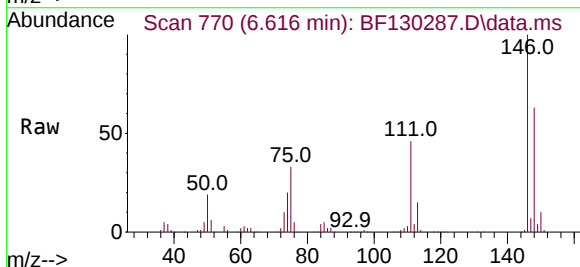
Manual Integrations
APPROVED

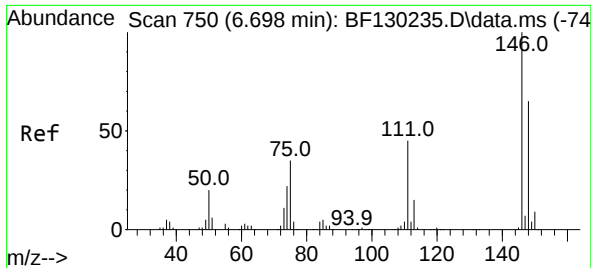
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#12
1,3-Dichlorobenzene
Concen: 46.068 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Tgt Ion:146 Resp: 320398
Ion Ratio Lower Upper
146 100
148 62.6 51.4 77.2
75 33.4 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 45.719 ng

RT: 6.693 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

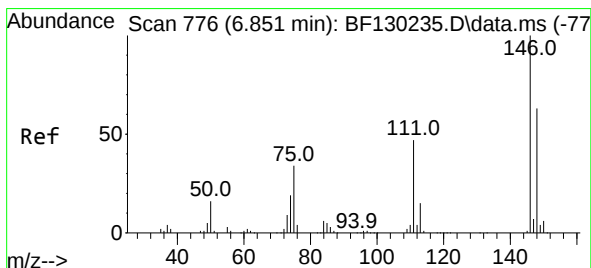
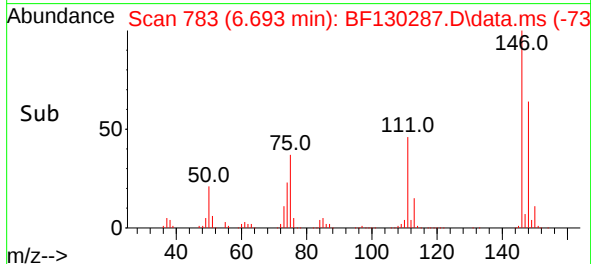
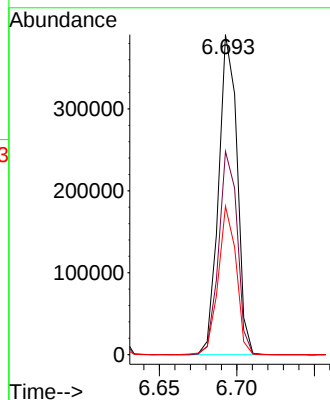
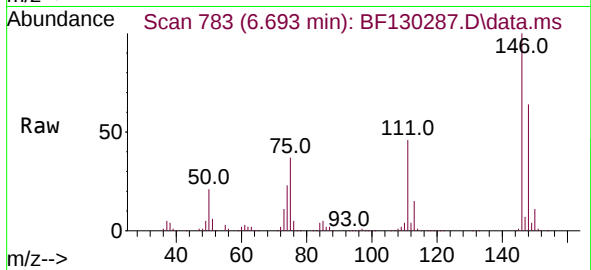
PB147667BS

Tgt Ion:146 Resp: 324252
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.3 75.5
 111 46.4 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022



#14

1,2-Dichlorobenzene

Concen: 45.927 ng

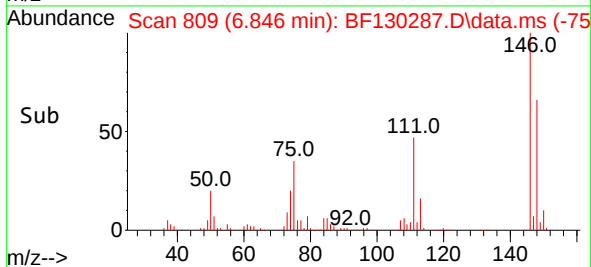
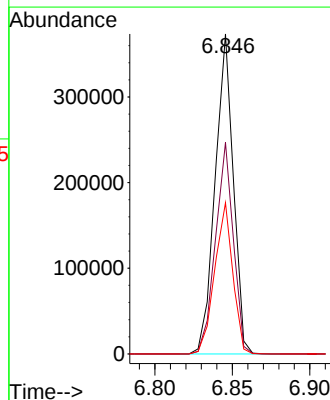
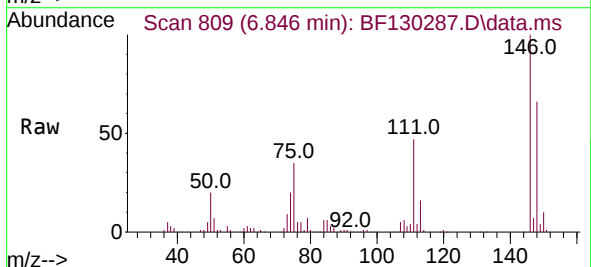
RT: 6.846 min Scan# 809

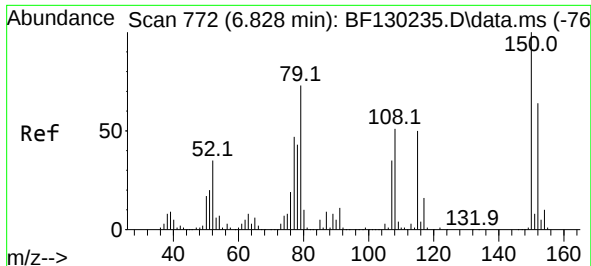
Delta R.T. -0.006 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

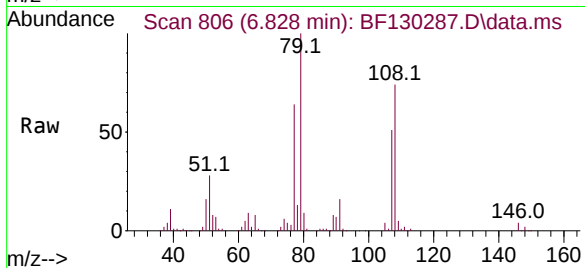
Tgt Ion:146 Resp: 304283
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.6 77.4
 111 47.2 39.2 58.8





#15
Benzyl Alcohol
Concen: 41.556 ng m
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

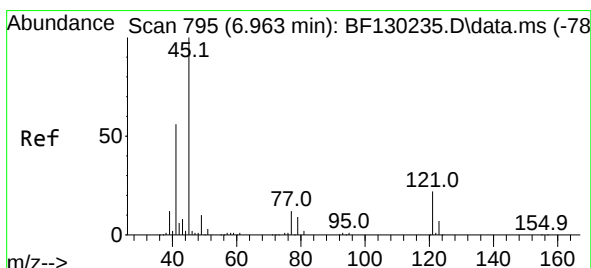
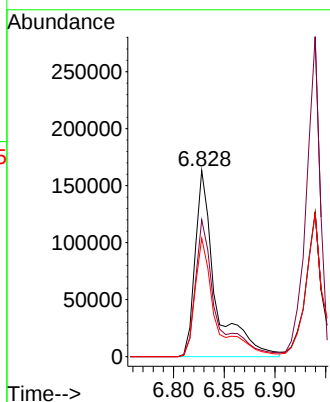
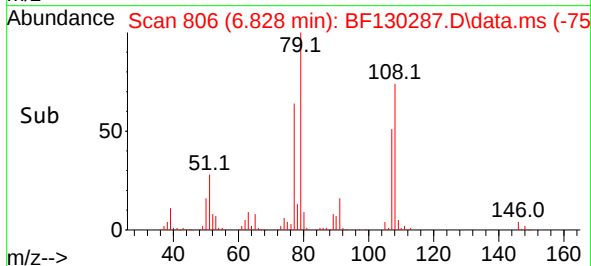
Instrument :
BNA_F
ClientSampleId :
PB147667BS



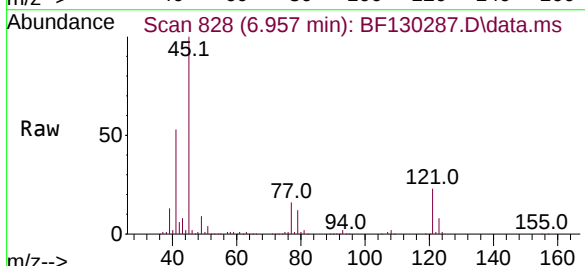
Tgt Ion: 79 Resp: 22875
Ion Ratio Lower Upper
79 100
108 73.6 54.0 81.0
77 63.6 51.3 76.9

Manual Integrations
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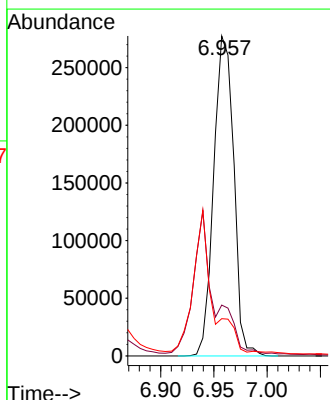
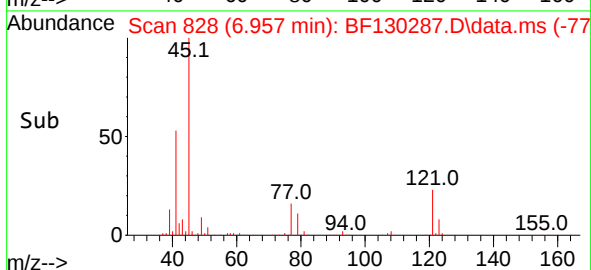
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

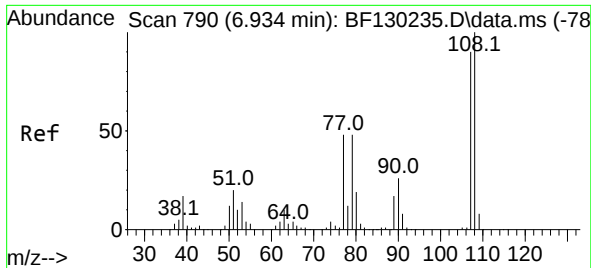


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.548 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



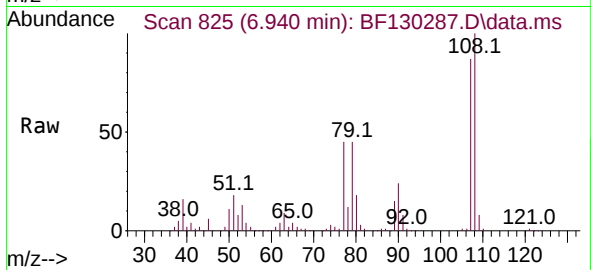
Tgt Ion: 45 Resp: 364184
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.9
79 11.6 0.0 31.0





#17
2-Methylphenol
Concen: 44.653 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

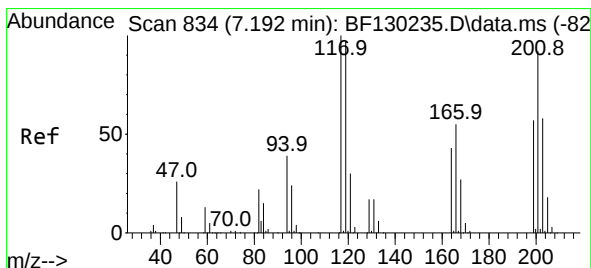
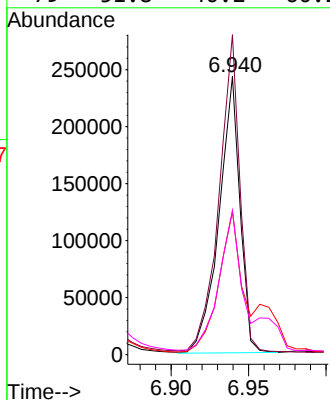
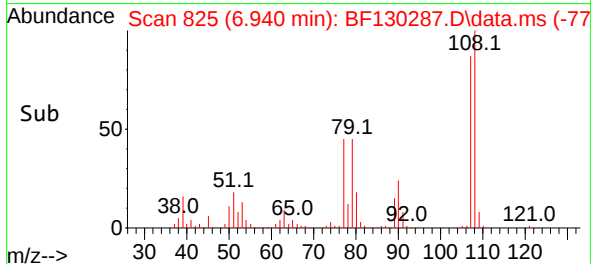
Instrument :
BNA_F
ClientSampleId :
PB147667BS



Tgt Ion:107 Resp: 229431
Ion Ratio Lower Upper
107 100
108 115.0 89.4 134.0
77 51.4 40.6 60.8
79 51.8 40.2 60.2

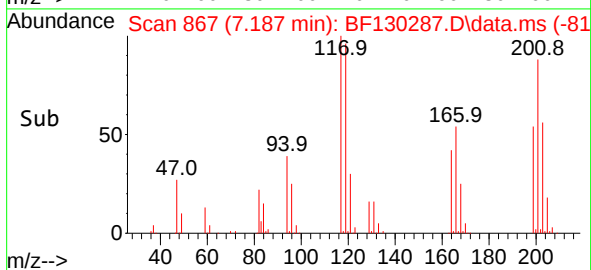
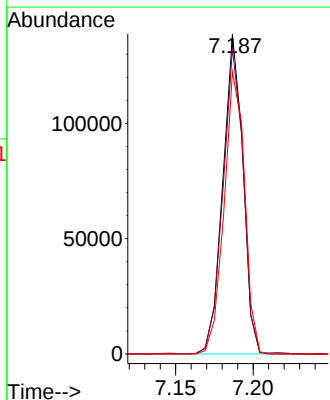
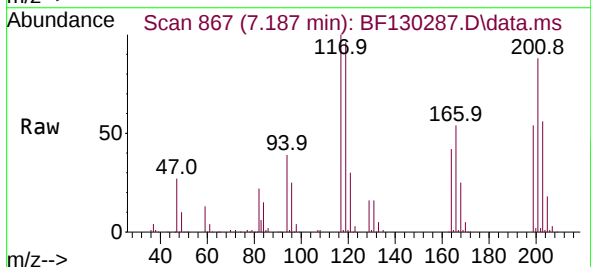
Manual Integrations
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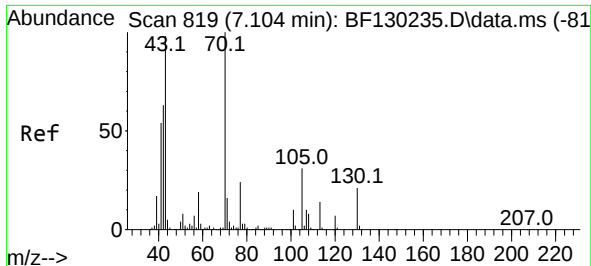
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#18
Hexachloroethane
Concen: 44.690 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Tgt Ion:117 Resp: 124937
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.6
201 88.1 68.7 103.1





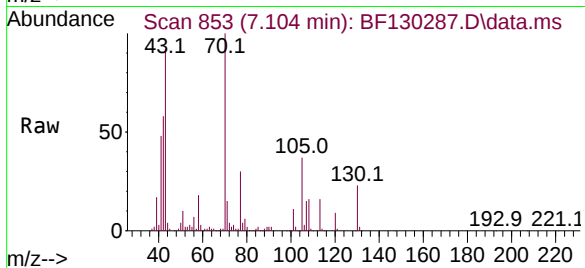
#19
n-Nitroso-di-n-propylamine
Concen: 43.609 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB147667BS

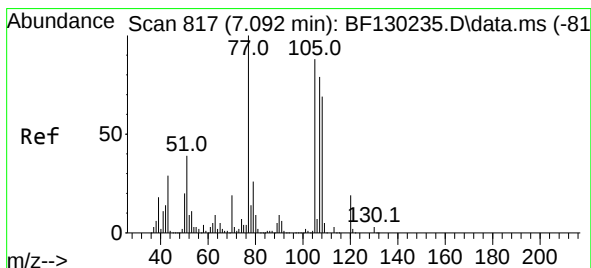
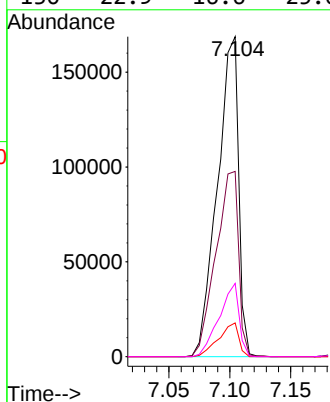
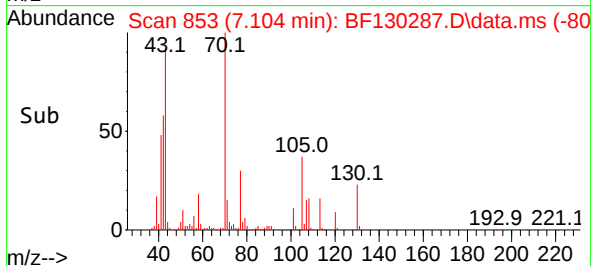


Tgt Ion: 70 Resp: 204300
Ion Ratio Lower Upper
70 100
42 57.9 50.8 76.2
101 10.5 8.2 12.4
130 22.9 16.6 25.0

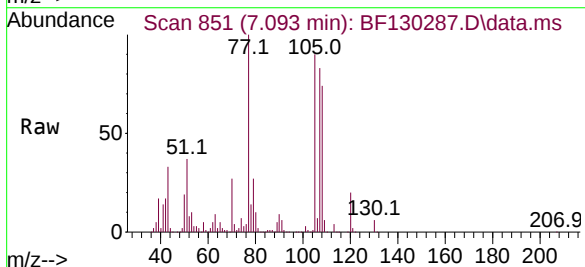
Manual Integrations

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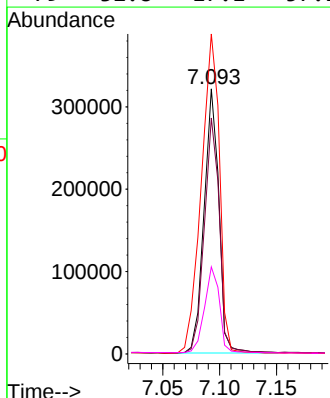
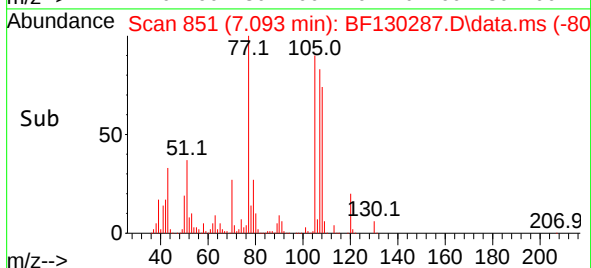
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

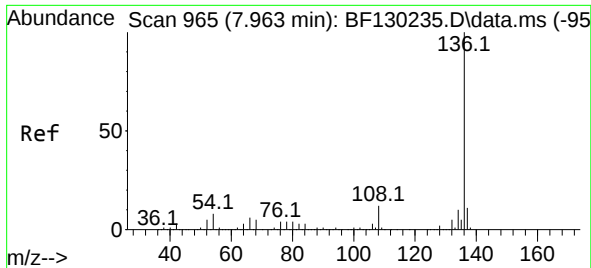


#20
3+4-Methylphenols
Concen: 43.633 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



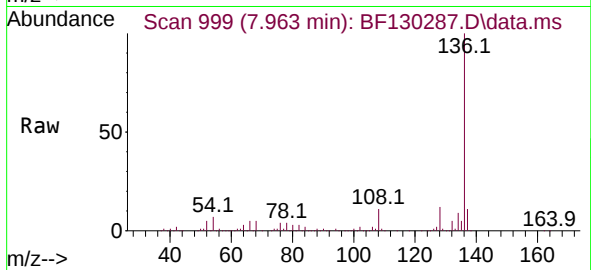
Tgt Ion:107 Resp: 291238
Ion Ratio Lower Upper
107 100
108 89.0 74.8 114.8
77 120.8 125.8 165.8#
79 32.8 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

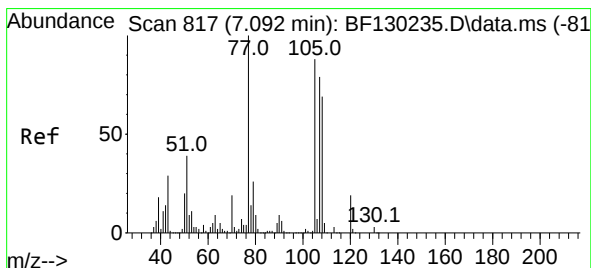
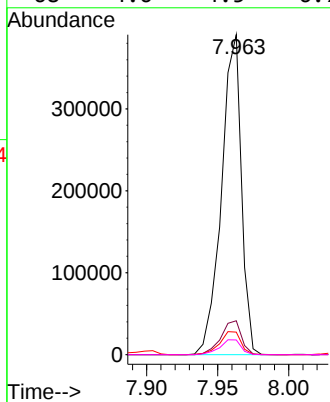
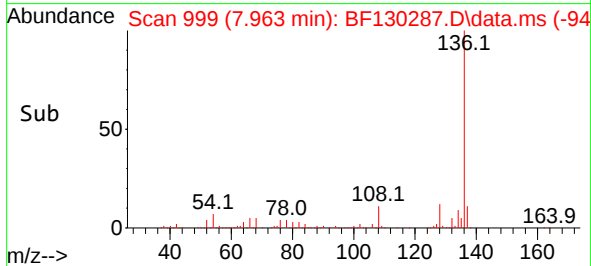
Instrument :
BNA_F
ClientSampleId :
PB147667BS



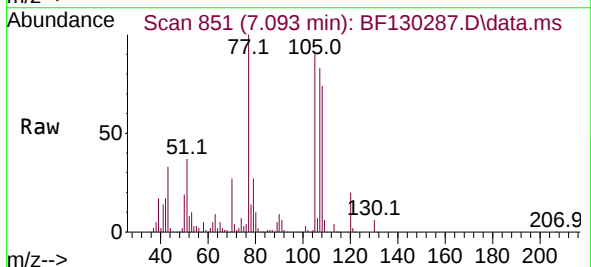
Tgt Ion:	136	Resp:	381366
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.1	13.7
54	7.0	7.1	10.7
68	4.6	4.5	6.7

Manual Integrations
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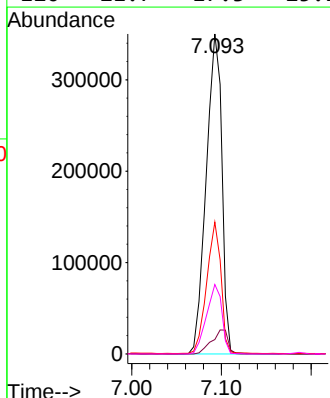
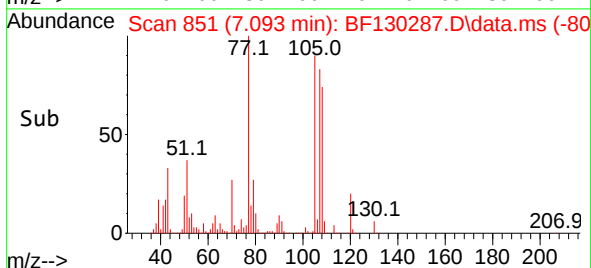
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

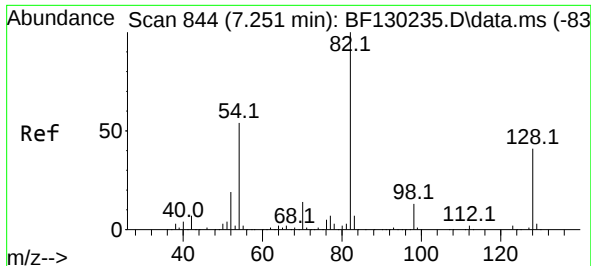


#22
Acetophenone
Concen: 45.427 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



Tgt Ion:	105	Resp:	423554
Ion Ratio	Lower	Upper	
105	100		
71	4.5	3.9	5.9
51	41.2	32.2	48.2
120	21.7	17.3	25.9





#23

Nitrobenzene-d5

Concen: 85.987 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

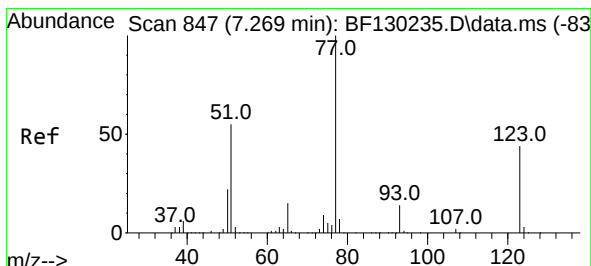
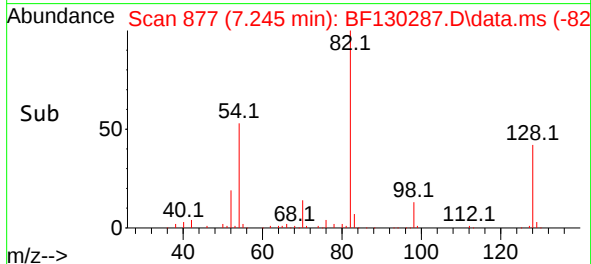
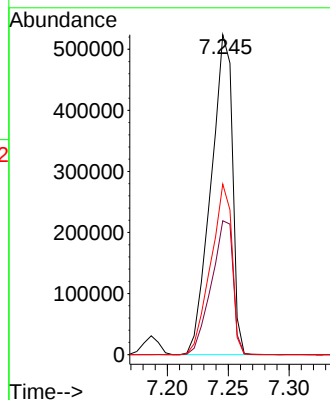
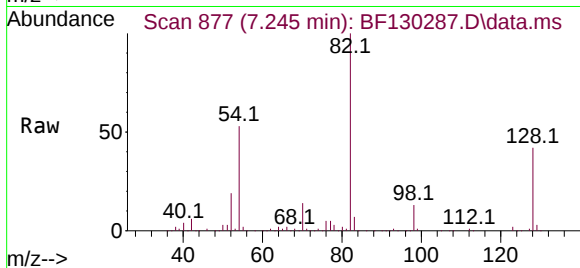
PB147667BS

Tgt Ion: 82 Resp: 641874
 Ion Ratio Lower Upper
 82 100
 128 41.8 32.6 49.0
 54 53.3 43.8 65.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022



#24

Nitrobenzene

Concen: 41.977 ng

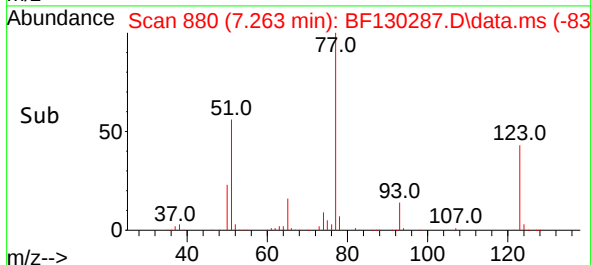
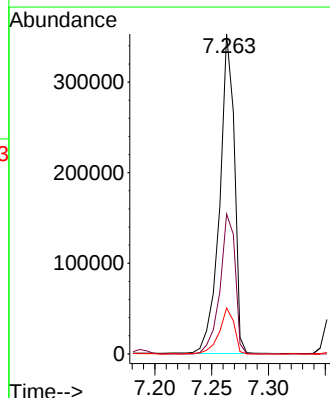
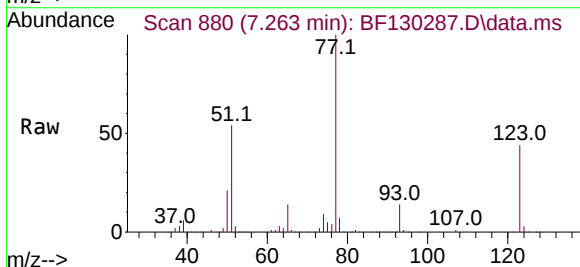
RT: 7.263 min Scan# 880

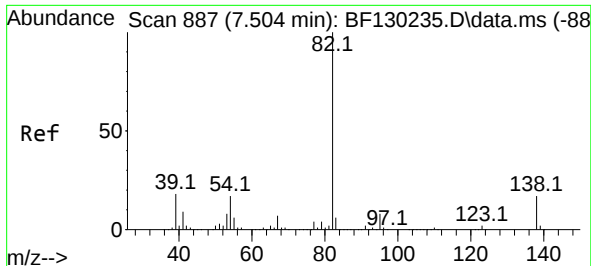
Delta R.T. -0.006 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

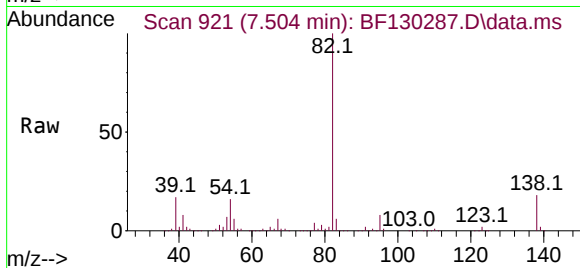
Tgt Ion: 77 Resp: 318171
 Ion Ratio Lower Upper
 77 100
 123 43.7 34.3 51.5
 65 14.3 12.0 18.0





#25
Isophorone
Concen: 46.472 ng
RT: 7.504 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

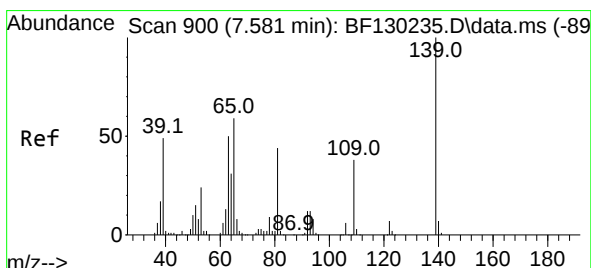
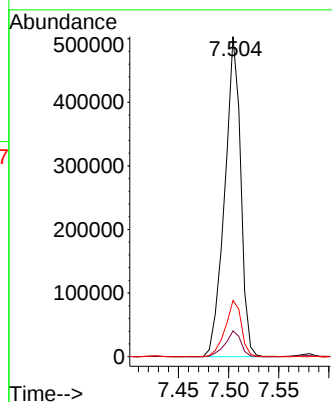
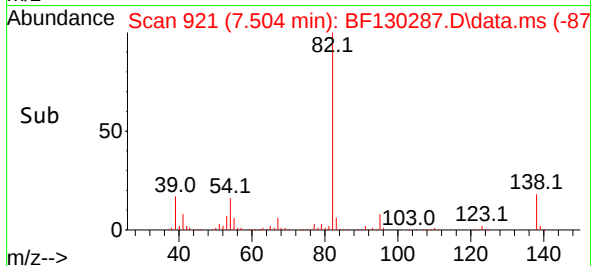
Instrument :
BNA_F
ClientSampleId :
PB147667BS



Tgt Ion: 82 Resp: 559128
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.5 13.8 20.6

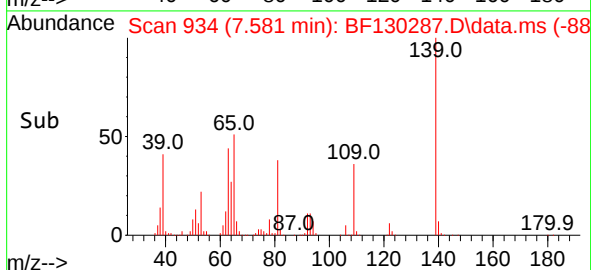
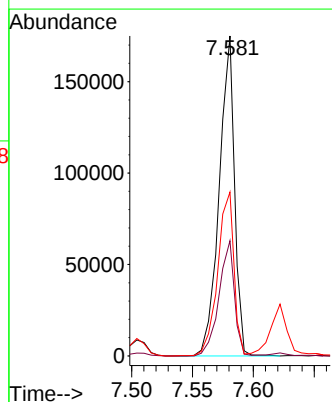
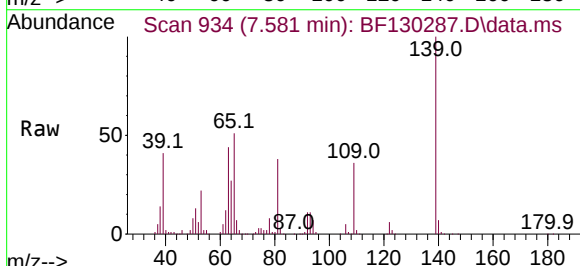
Manual Integrations
APPROVED

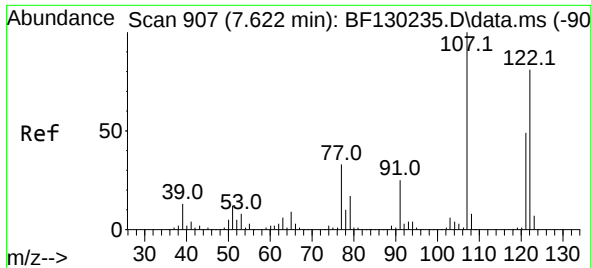
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#26
2-Nitrophenol
Concen: 49.450 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Tgt Ion:139 Resp: 153649
Ion Ratio Lower Upper
139 100
109 36.0 30.2 45.4
65 51.2 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 54.184 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB147667BS

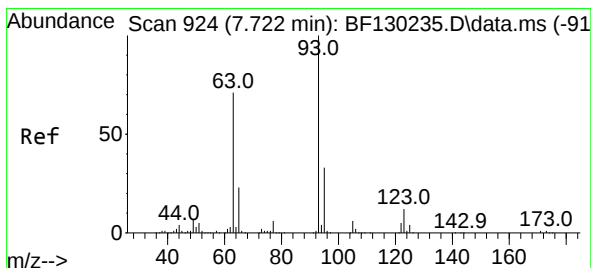
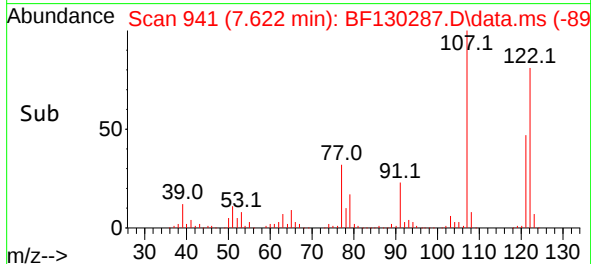
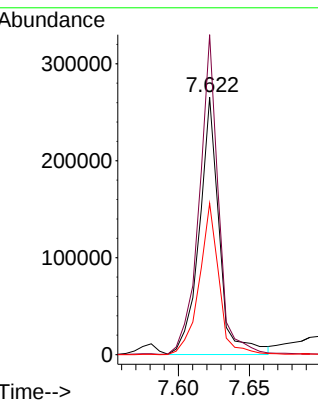
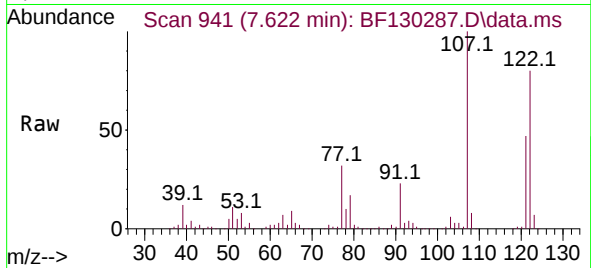
Tgt Ion:122 Resp: 259229
 Ion Ratio Lower Upper
 122 100
 107 124.3 100.2 150.2
 121 58.8 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.668 ng

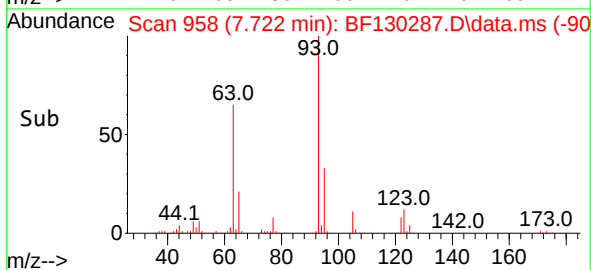
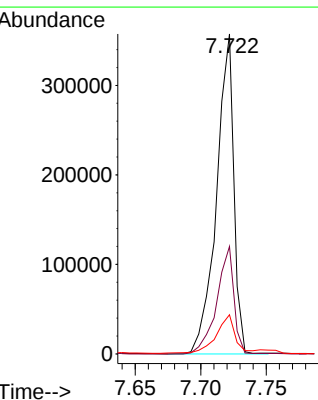
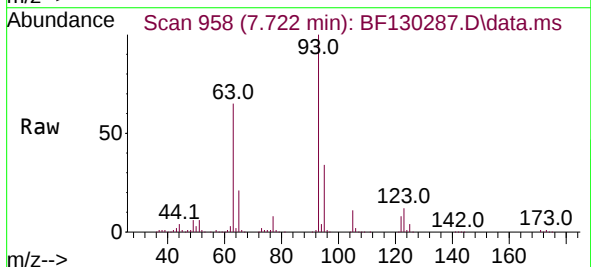
RT: 7.722 min Scan# 958

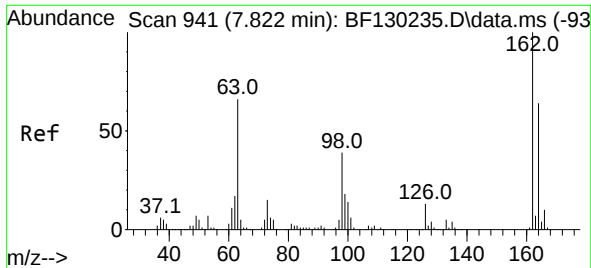
Delta R.T. 0.000 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Tgt Ion: 93 Resp: 329715
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.3 39.5
 123 12.2 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 46.417 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

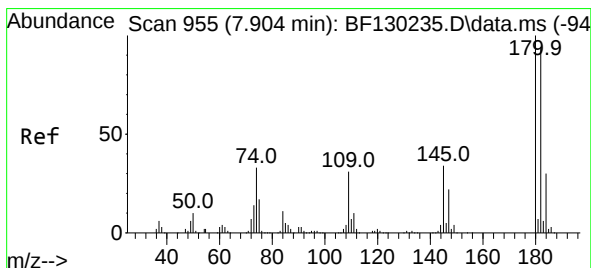
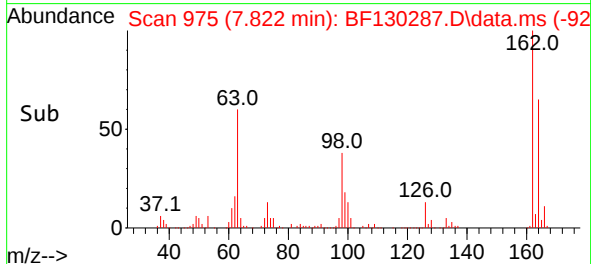
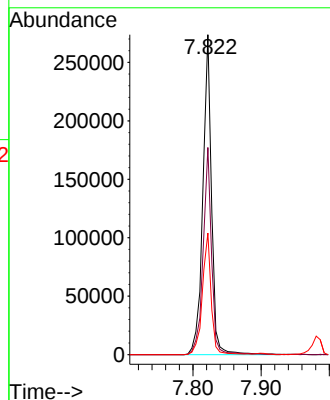
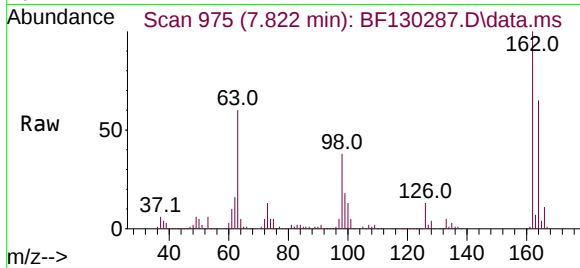
PB147667BS

Tgt Ion:162	Resp: 24335
Ion Ratio	Lower Upper
162 100	
164 64.7	42.2 82.2
98 38.0	21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.580 ng

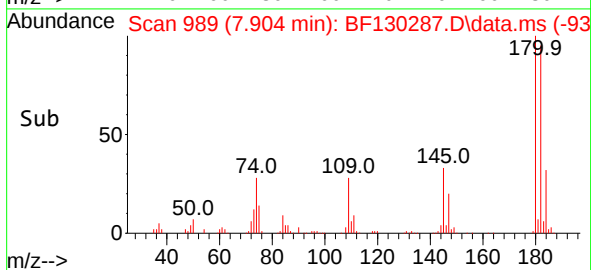
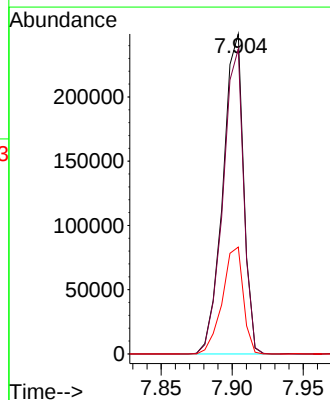
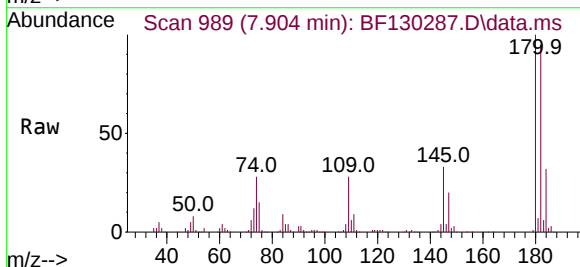
RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Tgt Ion:180	Resp: 252690
Ion Ratio	Lower Upper
180 100	
182 95.3	73.3 109.9
145 33.4	28.3 42.5





#31
Naphthalene
Concen: 43.833 ng
RT: 7.981 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

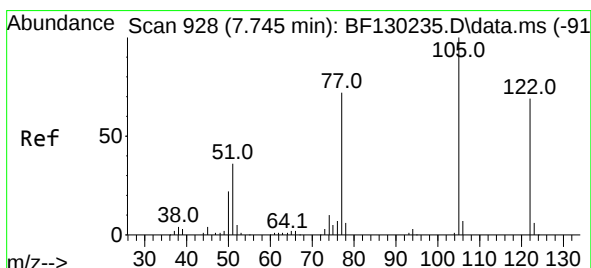
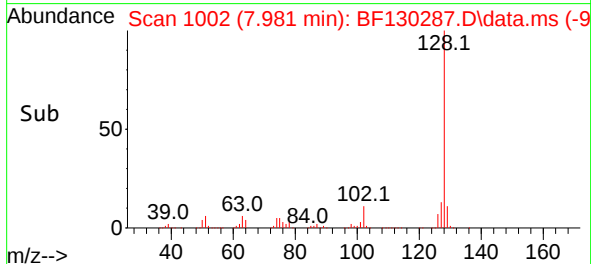
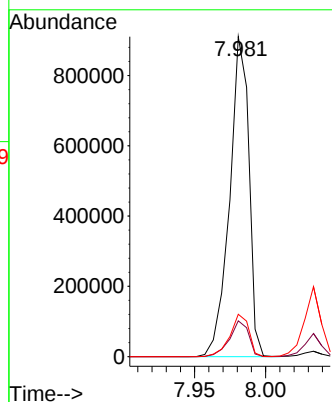
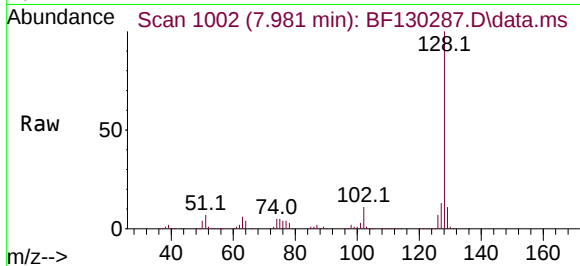
ClientSampleId :

PB147667BS

Tgt Ion:128 Resp: 861212
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.2 10.6 16.0

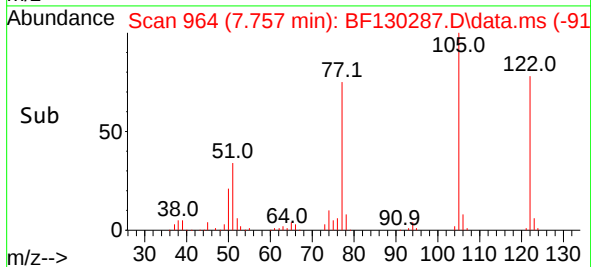
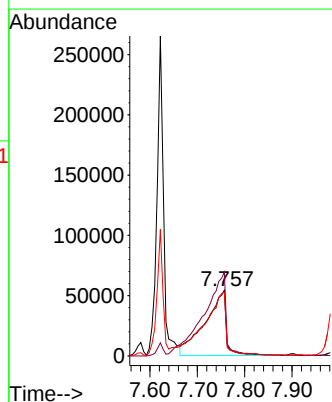
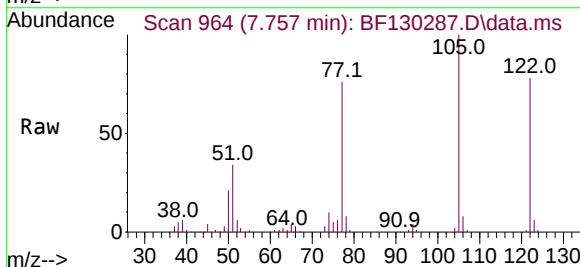
Manual Integrations
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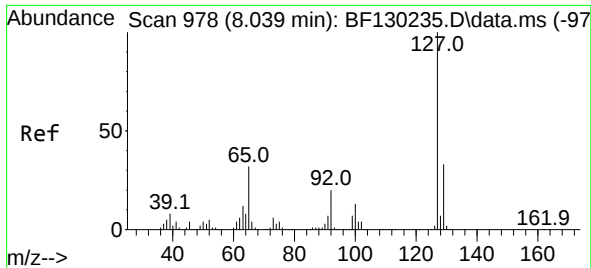
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#32
Benzoic acid
Concen: 45.849 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.012 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Tgt Ion:122 Resp: 169632
Ion Ratio Lower Upper
122 100
105 127.9 112.9 152.9
77 97.2 82.8 122.8





#33
4-Chloroaniline
Concen: 22.891 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

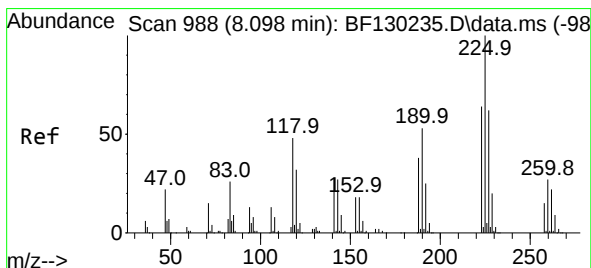
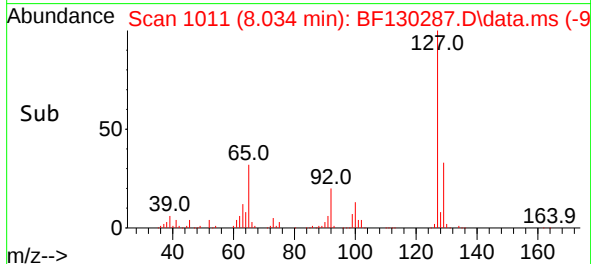
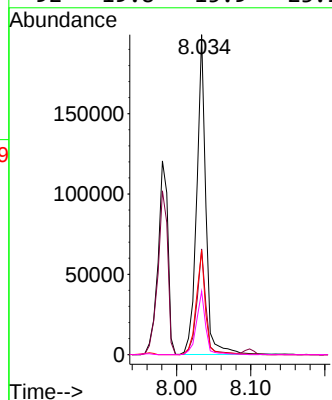
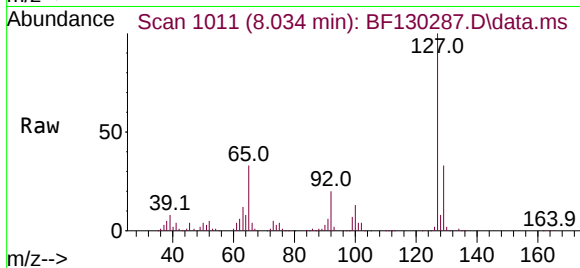
PB147667BS

Tgt Ion:127 Resp: 171053
Ion Ratio Lower Upper
127 100
129 33.0 25.6 38.4
65 32.6 27.0 40.6
92 19.8 15.9 23.9

Manual Integrations

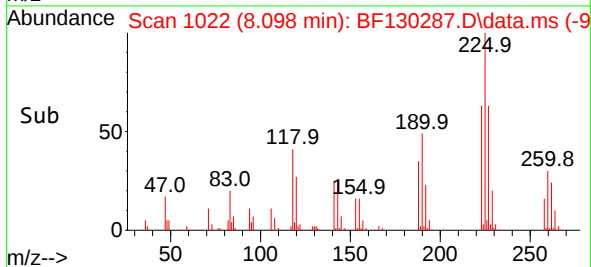
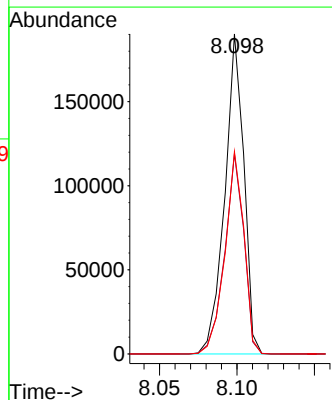
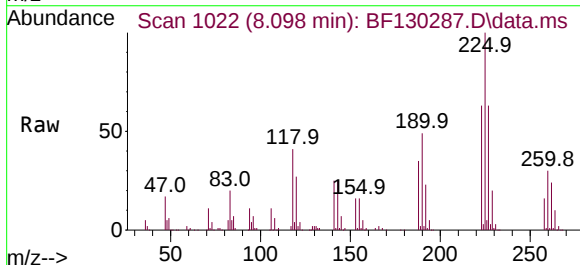
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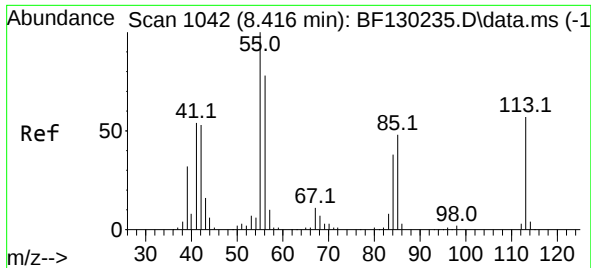
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#34
Hexachlorobutadiene
Concen: 44.975 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

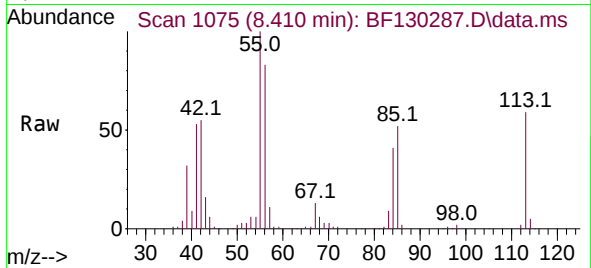
Tgt Ion:225 Resp: 162922
Ion Ratio Lower Upper
225 100
223 62.5 50.3 75.5
227 63.2 51.1 76.7





#35
 Caprolactam
 Concen: 49.555 ng m
 RT: 8.410 min Scan# 1094
 Delta R.T. -0.006 min
 Lab File: BF130287.D
 Acq: 16 Sep 2022 12:15

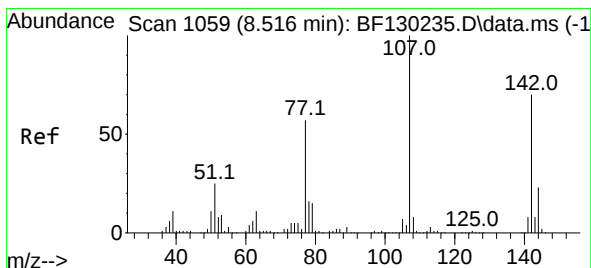
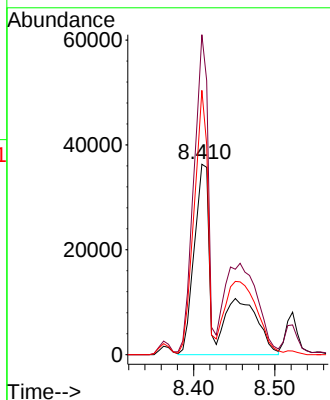
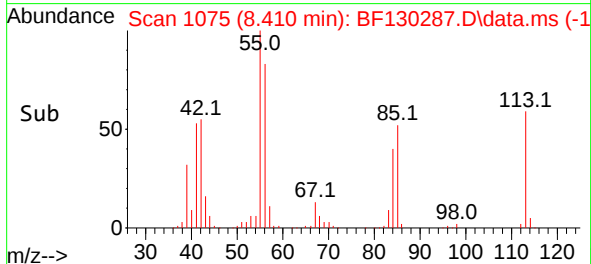
Instrument :
 BNA_F
 ClientSampleId :
 PB147667BS



Tgt Ion:113 Resp: 7448
 Ion Ratio Lower Upper
 113 100
 55 168.1 155.4 195.4
 56 138.8 120.4 160.4

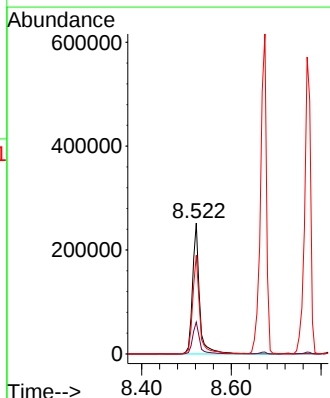
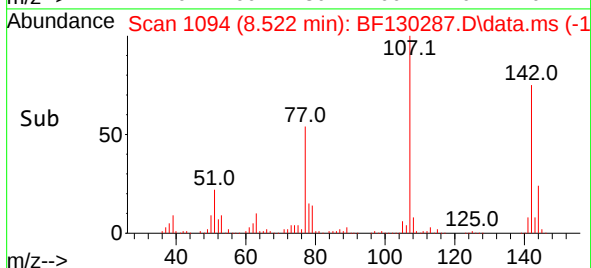
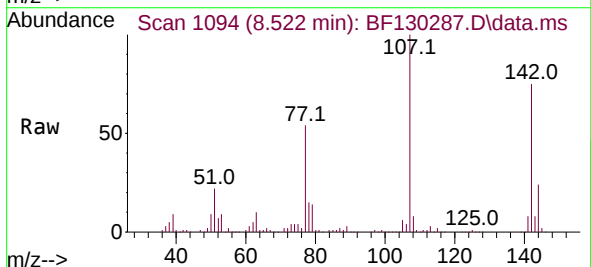
Manual Integrations
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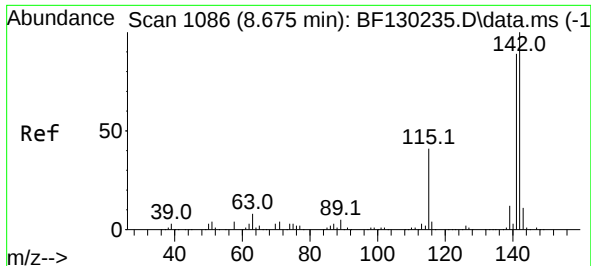
Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022



#36
 4-Chloro-3-methylphenol
 Concen: 46.600 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.006 min
 Lab File: BF130287.D
 Acq: 16 Sep 2022 12:15

Tgt Ion:107 Resp: 270801
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.0 30.0
 142 75.4 61.3 91.9





#37

2-Methylnaphthalene

Concen: 45.028 ng

RT: 8.675 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB147667BS

Tgt Ion:142 Resp: 564066

Ion Ratio Lower Upper

142 100

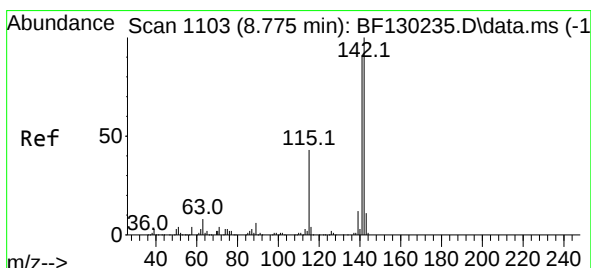
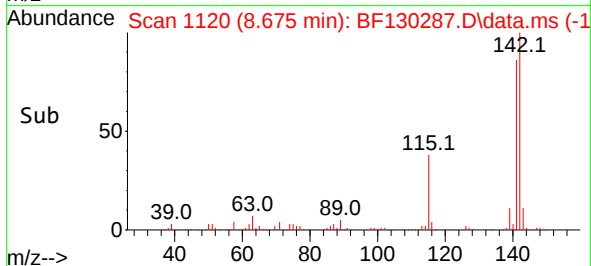
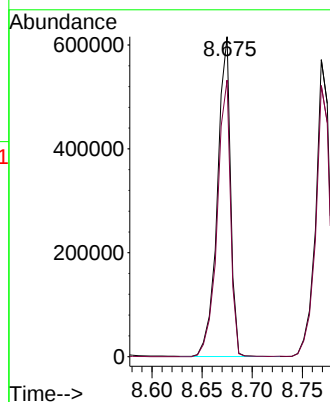
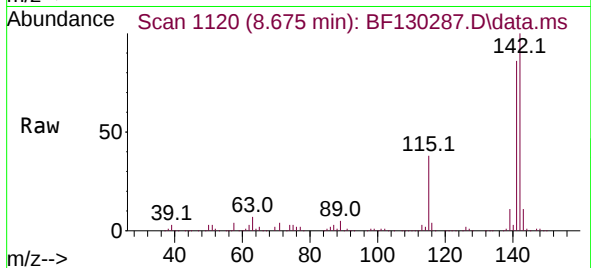
141 86.4 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#38

1-Methylnaphthalene

Concen: 43.795 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF130287.D

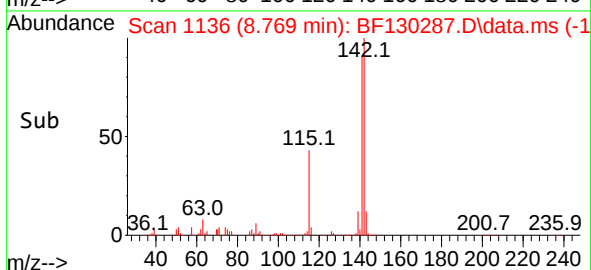
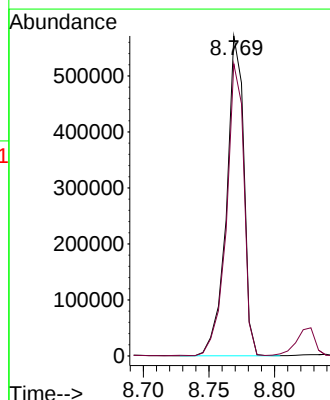
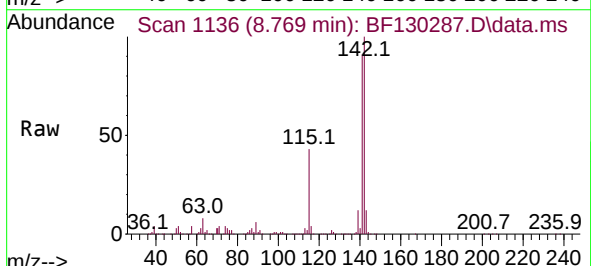
Acq: 16 Sep 2022 12:15

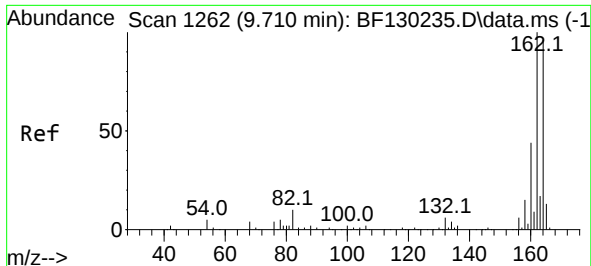
Tgt Ion:142 Resp: 527038

Ion Ratio Lower Upper

142 100

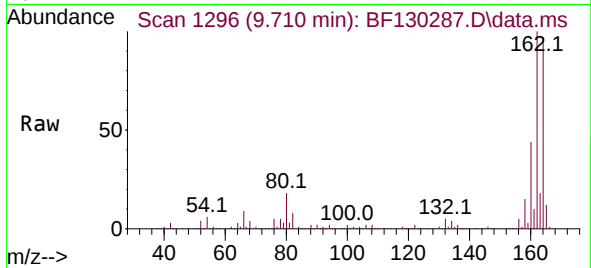
141 91.3 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.710 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

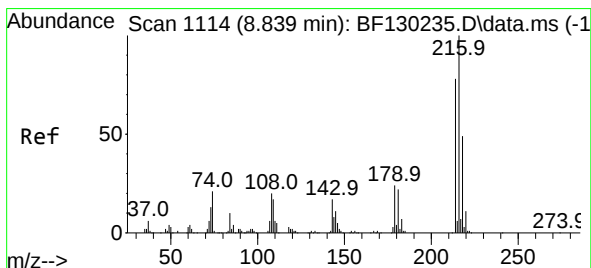
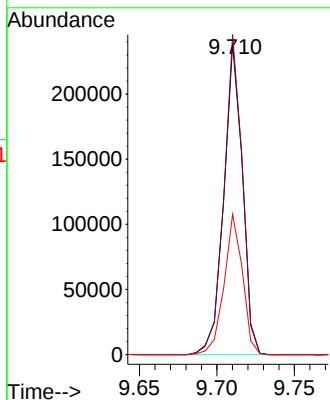
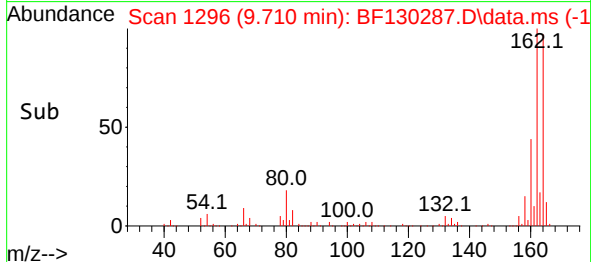
Instrument :
BNA_F
ClientSampleId :
PB147667BS



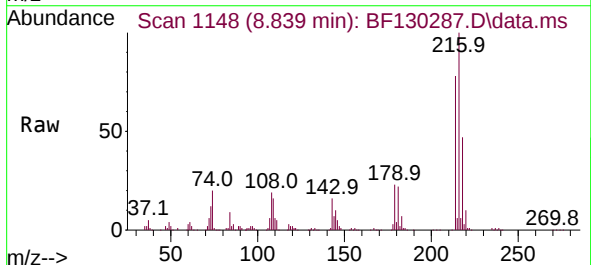
Tgt Ion:164 Resp: 199881
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 45.1 36.2 54.4

Manual Integrations
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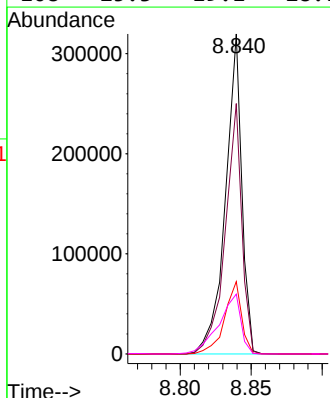
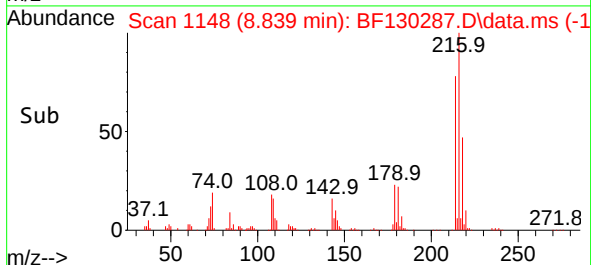
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

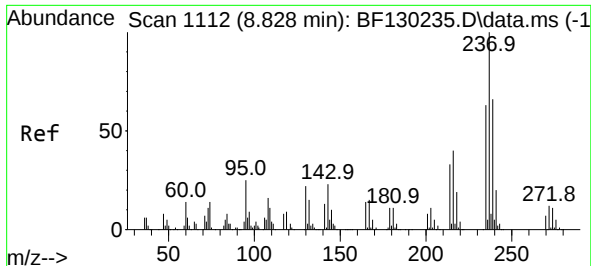


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.021 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



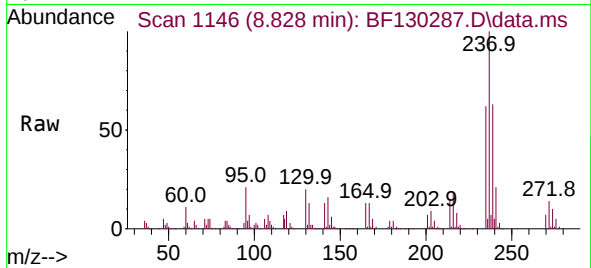
Tgt Ion:216 Resp: 256495
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 23.5 19.5 29.3
108 25.3 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 123.747 ng
RT: 8.828 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

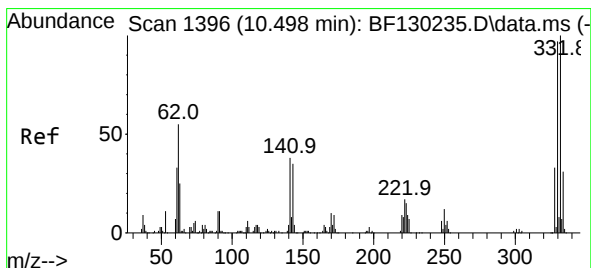
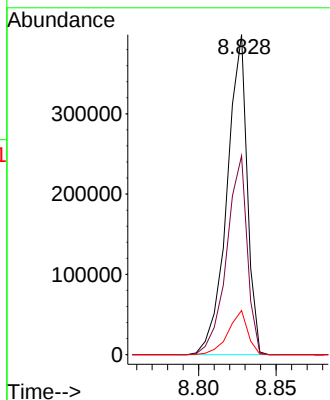
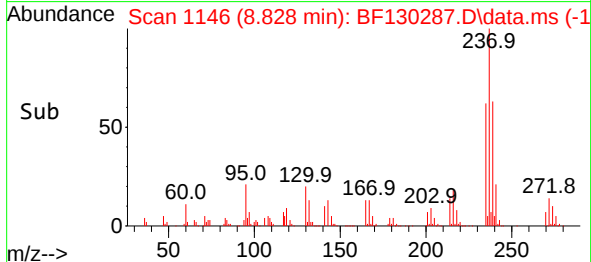
Instrument :
BNA_F
ClientSampleId :
PB147667BS



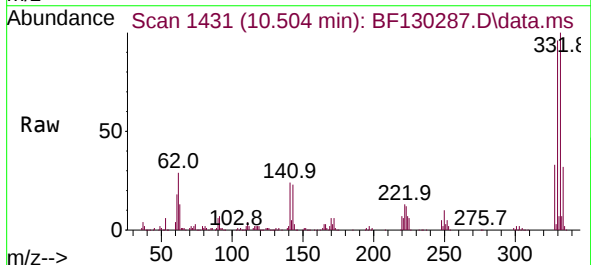
Tgt Ion:237 Resp: 361401
Ion Ratio Lower Upper
237 100
235 62.1 42.5 82.5
272 13.8 0.0 32.8

Manual Integrations
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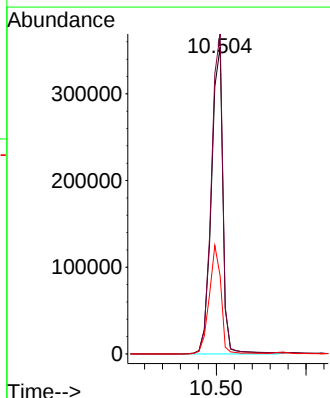
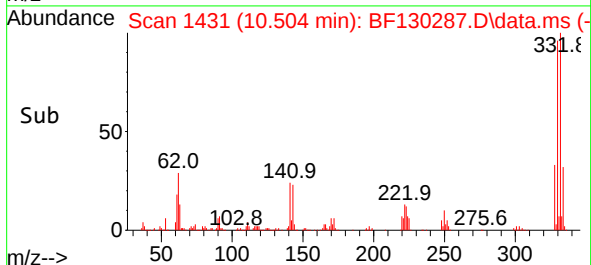
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

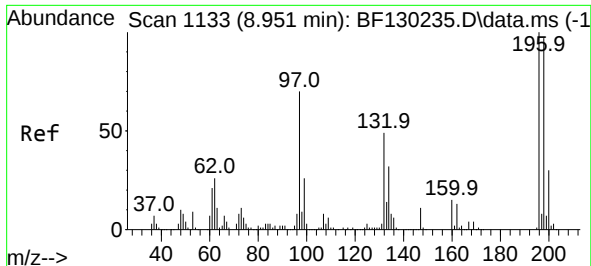


#42
2,4,6-Tribromophenol
Concen: 165.433 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



Tgt Ion:330 Resp: 316844
Ion Ratio Lower Upper
330 100
332 105.5 83.4 125.2
141 36.1 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 45.381 ng

RT: 8.951 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB147667BS

Tgt Ion:196 Resp: 172766

Ion Ratio Lower Upper

196 100

198 94.7 72.4 108.6

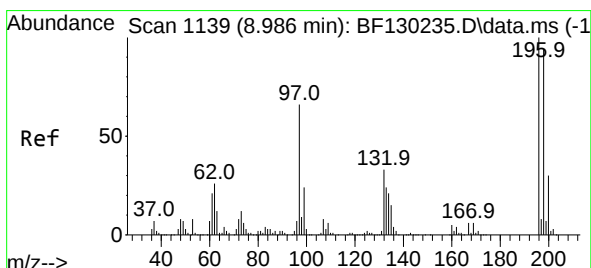
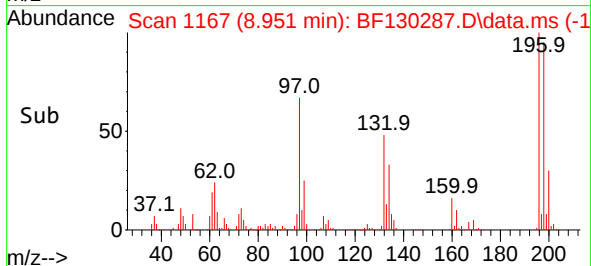
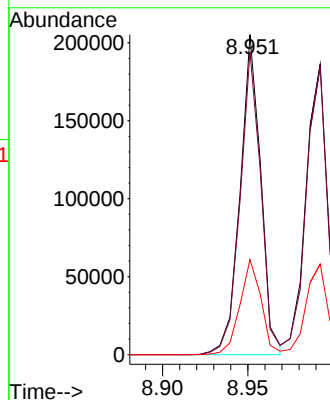
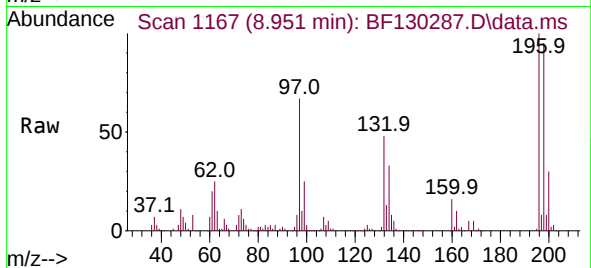
200 29.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/19/2022

Supervised By :Jagrut Upadhyay 09/19/2022



#44

2,4,5-Trichlorophenol

Concen: 44.787 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Tgt Ion:196 Resp: 183992

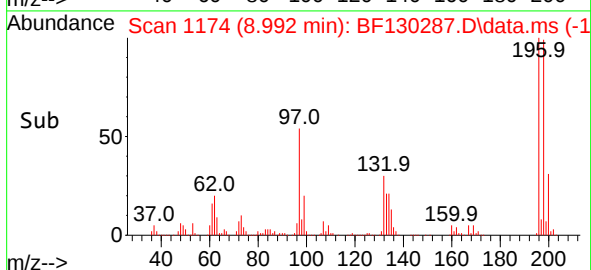
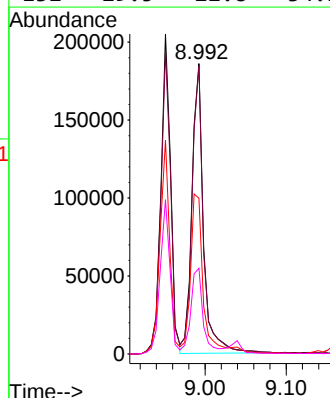
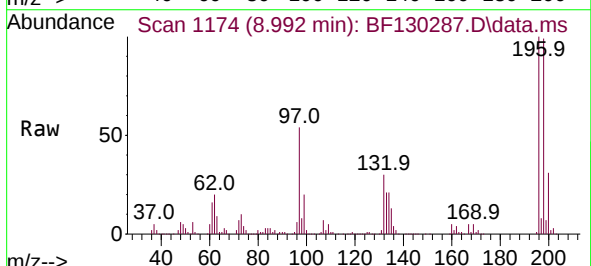
Ion Ratio Lower Upper

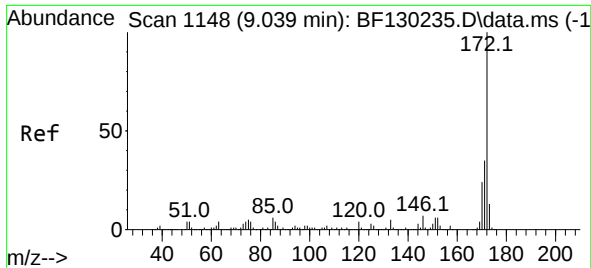
196 100

198 99.1 74.8 112.2

97 53.6 43.7 65.5

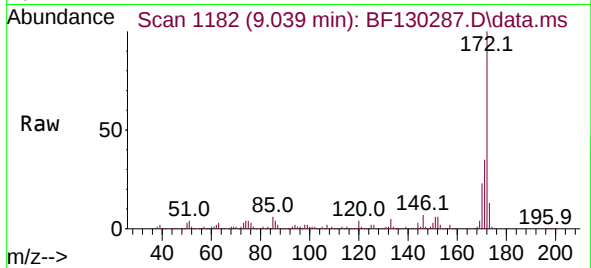
132 29.5 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 89.123 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

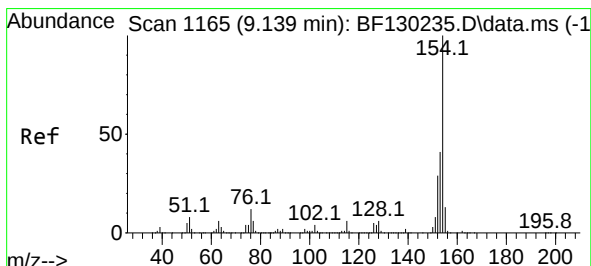
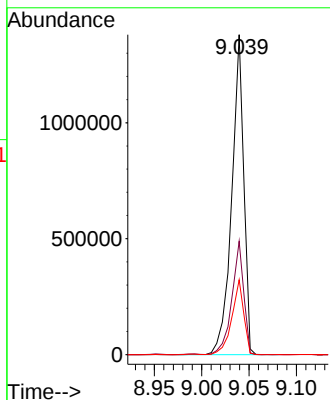
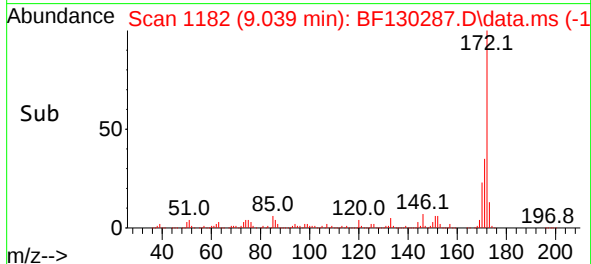
Instrument :
BNA_F
ClientSampleId :
PB147667BS



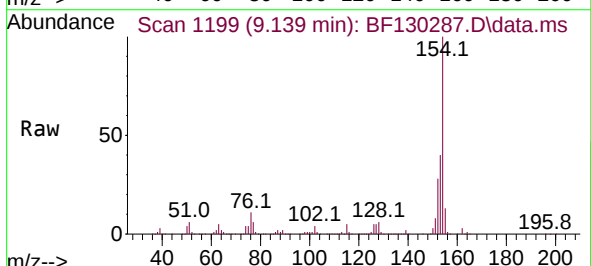
Tgt Ion:172 Resp: 1223334
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.7 28.1

Manual Integrations
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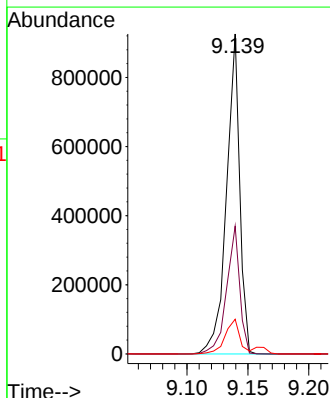
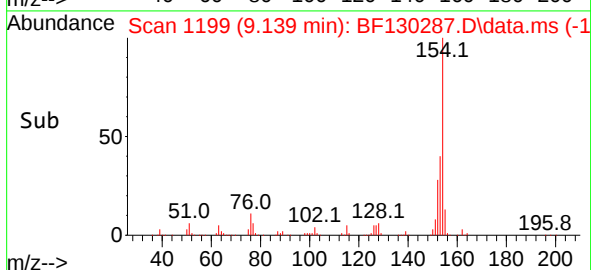
Reviewed By :Christian Giraldo 09/19/2022
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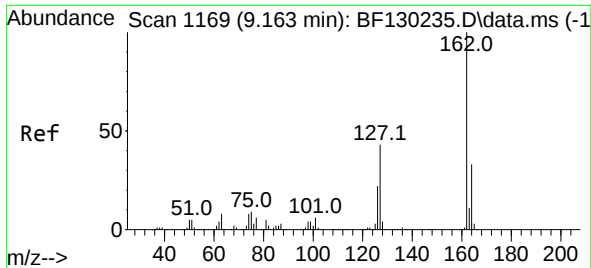


#46
1,1'-Biphenyl
Concen: 46.593 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



Tgt Ion:154 Resp: 695542
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 10.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.110 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

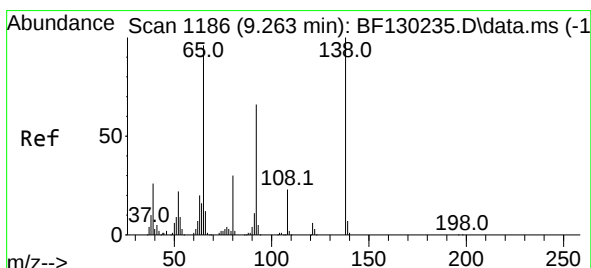
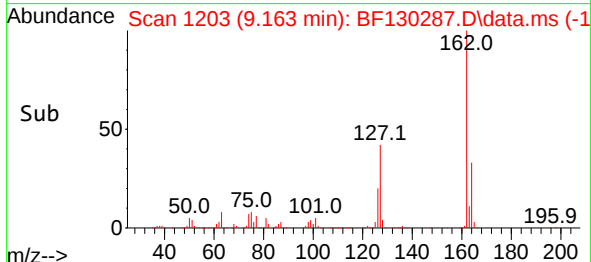
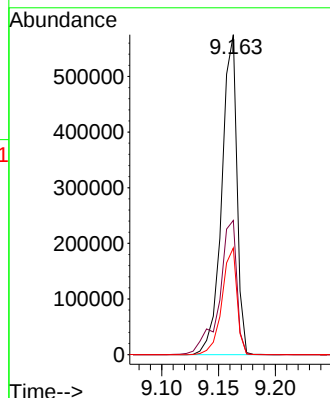
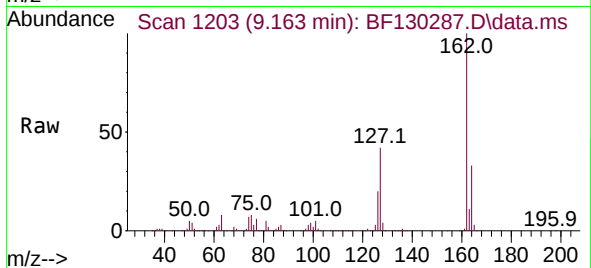
PB147667BS

Tgt Ion:162 Resp: 532668
 Ion Ratio Lower Upper
 162 100
 127 41.9 35.9 53.9
 164 33.4 26.2 39.2

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#48

2-Nitroaniline

Concen: 42.000 ng

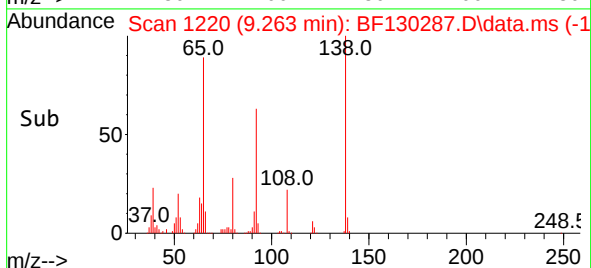
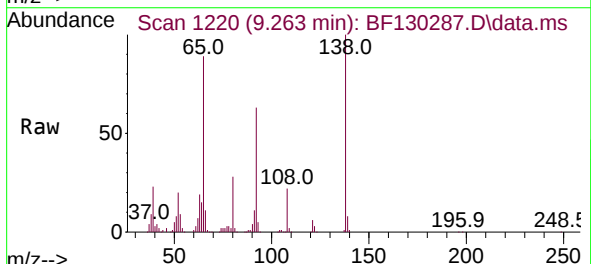
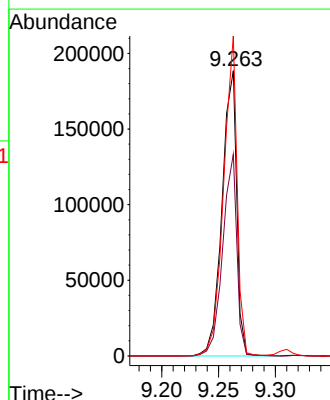
RT: 9.263 min Scan# 1220

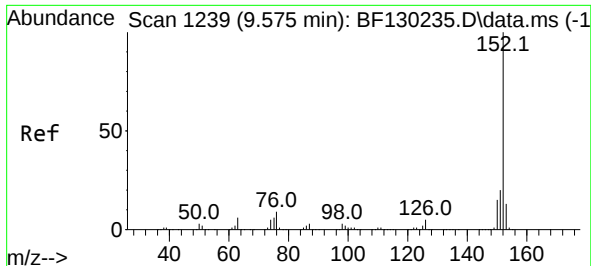
Delta R.T. 0.000 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

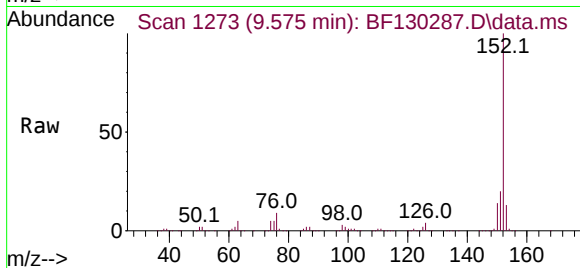
Tgt Ion: 65 Resp: 169160
 Ion Ratio Lower Upper
 65 100
 92 70.7 52.2 78.4
 138 112.2 77.0 115.4





#49
Acenaphthylene
Concen: 44.357 ng
RT: 9.575 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

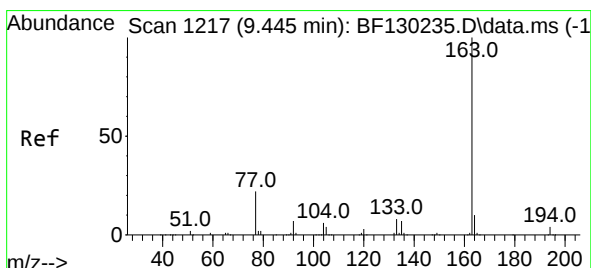
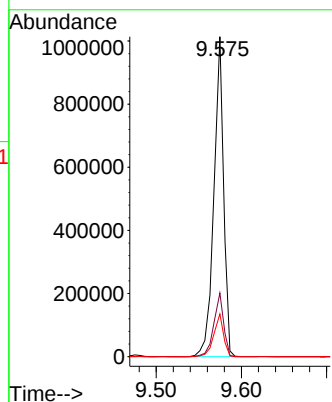
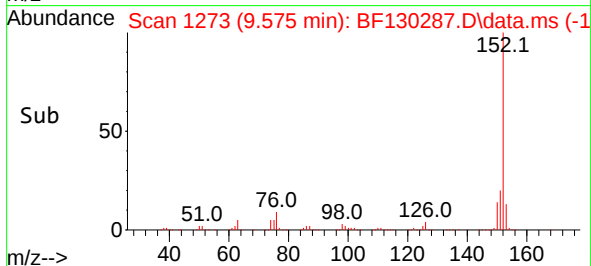
Instrument :
BNA_F
ClientSampleId :
PB147667BS



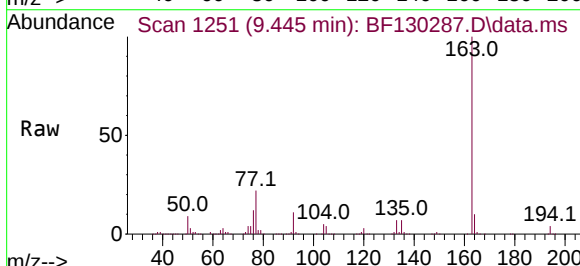
Tgt Ion:152 Resp: 803123
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.3 10.6 15.8

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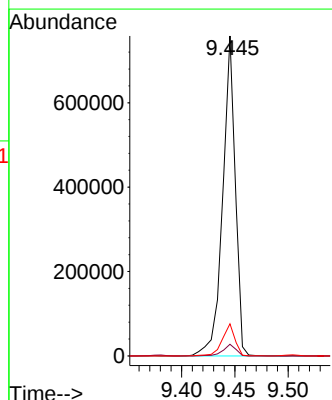
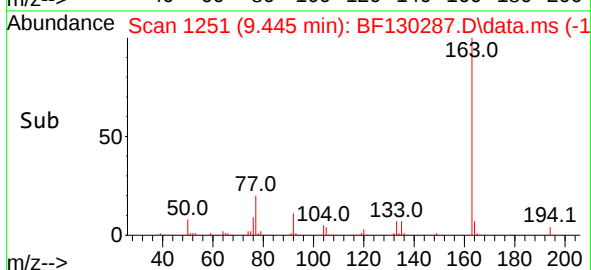
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

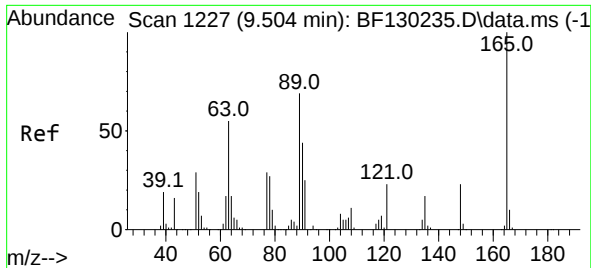


#50
Dimethylphthalate
Concen: 45.317 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



Tgt Ion:163 Resp: 625688
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.1 8.2 12.2





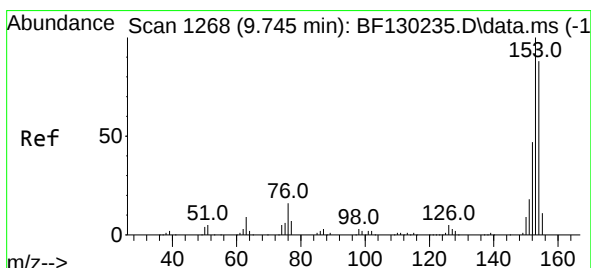
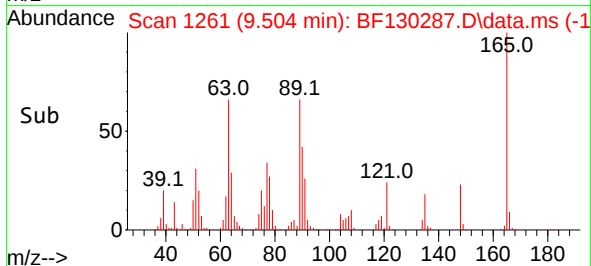
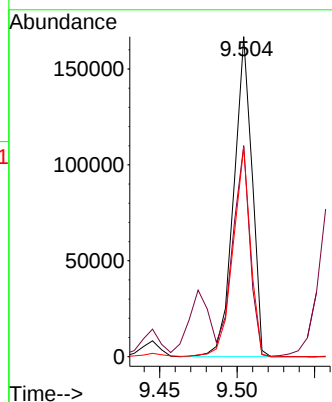
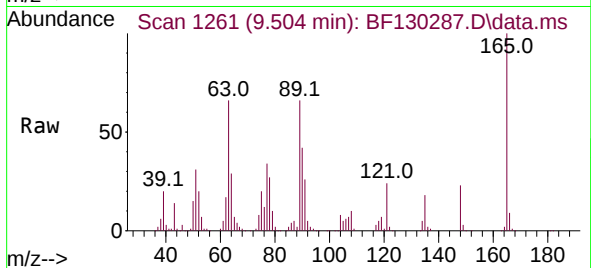
#51
2,6-Dinitrotoluene
Concen: 47.230 ng
RT: 9.504 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB147667BS

Tgt Ion:165 Resp: 136378
Ion Ratio Lower Upper
165 100
63 65.9 58.8 88.2
89 65.5 54.5 81.7

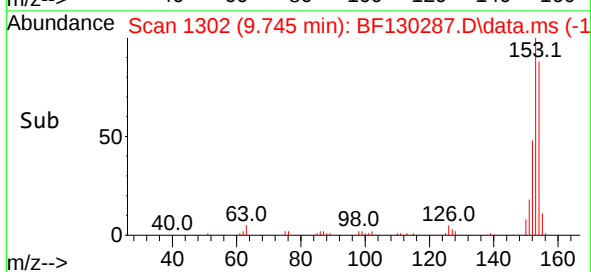
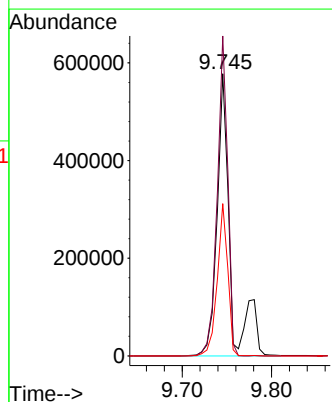
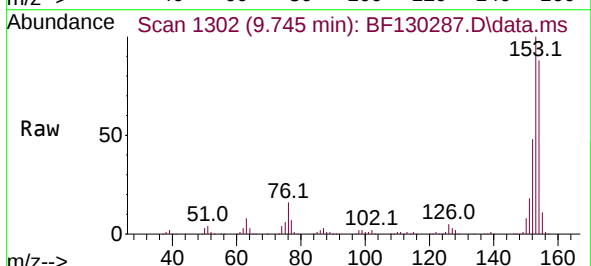
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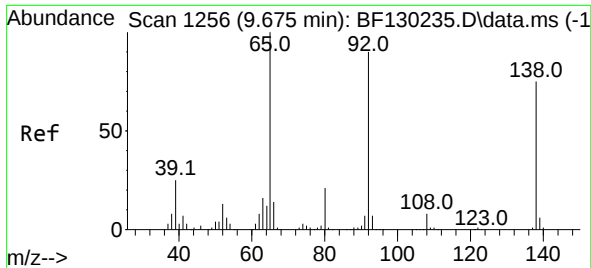
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#52
Acenaphthene
Concen: 49.983 ng m
RT: 9.745 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Tgt Ion:154 Resp: 594607
Ion Ratio Lower Upper
154 100
153 113.4 90.6 136.0
152 54.0 43.8 65.6





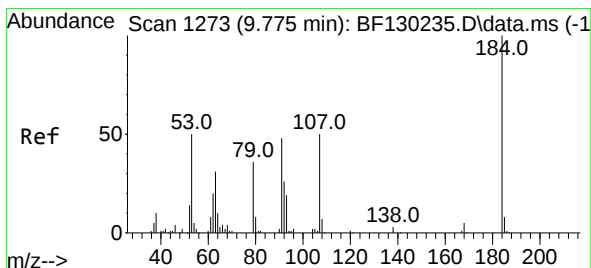
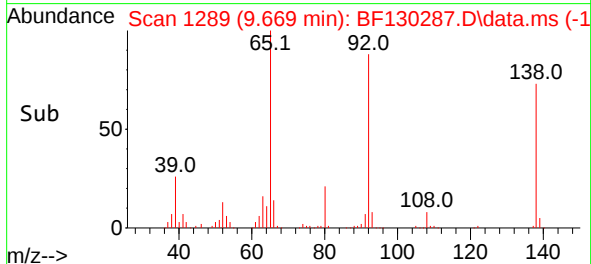
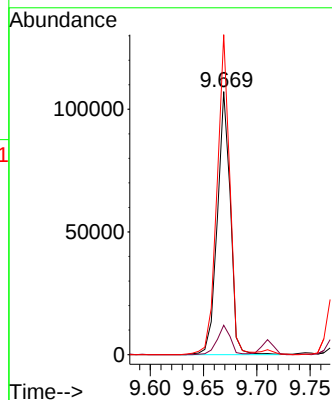
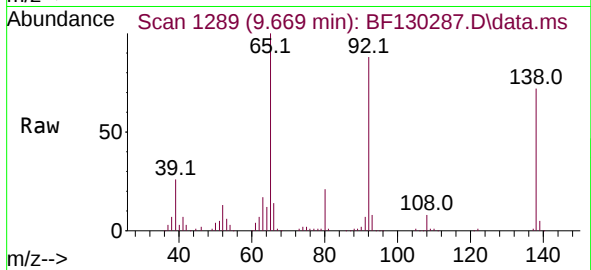
#53
3-Nitroaniline
Concen: 28.275 ng
RT: 9.669 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB147667BS

Tgt Ion:138 Resp: 90975
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 121.7 99.2 148.8

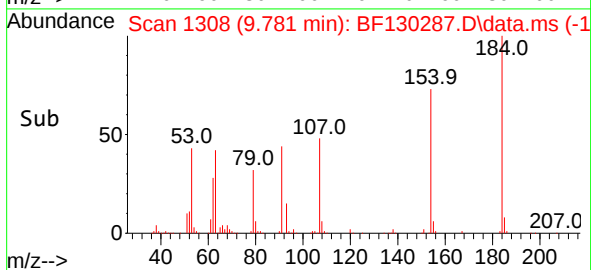
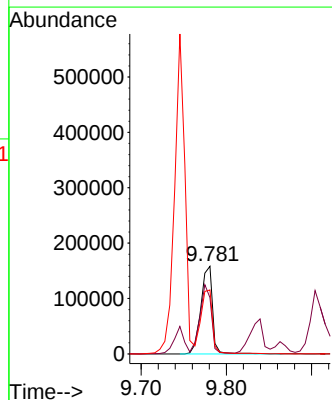
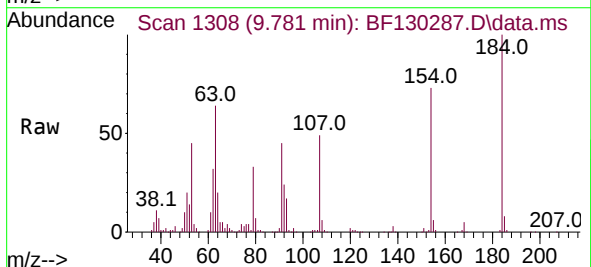
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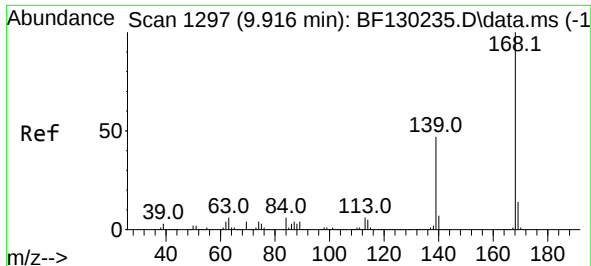
Reviewed By :Christian Giraldo 09/19/2022
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#54
2,4-Dinitrophenol
Concen: 94.330 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

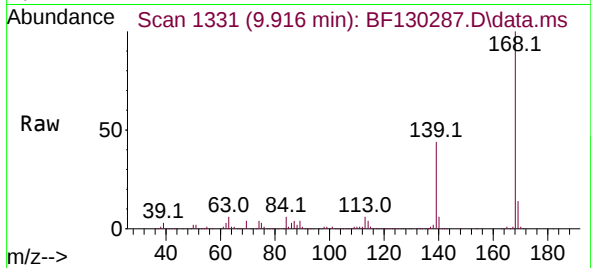
Tgt Ion:184 Resp: 149661
Ion Ratio Lower Upper
184 100
63 64.3 70.0 105.0#
154 72.9 63.0 94.6





#55
Dibenzofuran
Concen: 44.749 ng
RT: 9.916 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

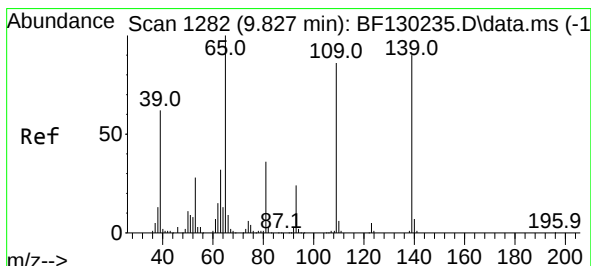
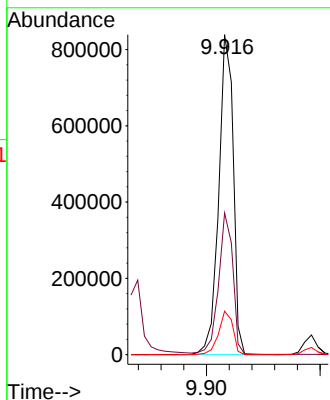
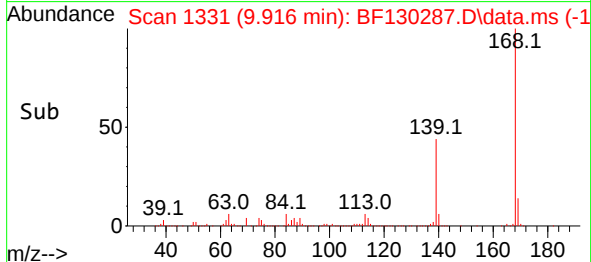
Instrument :
BNA_F
ClientSampleId :
PB147667BS



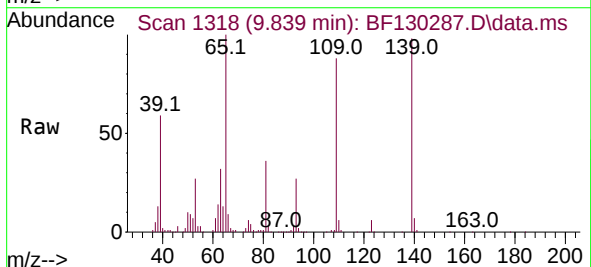
Tgt Ion:168 Resp: 740451
Ion Ratio Lower Upper
168 100
139 44.3 35.0 52.4
169 13.6 10.9 16.3

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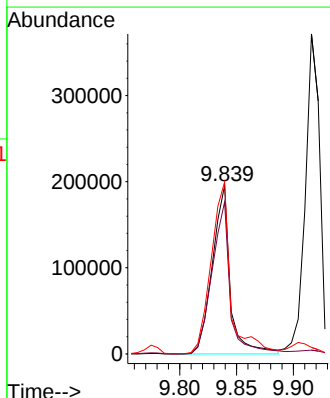
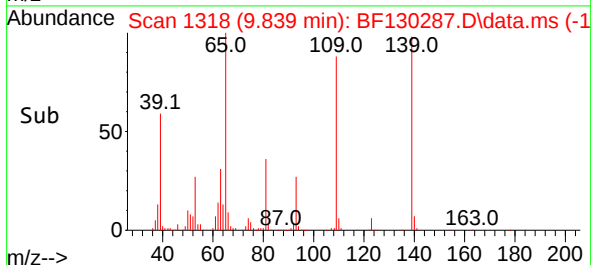
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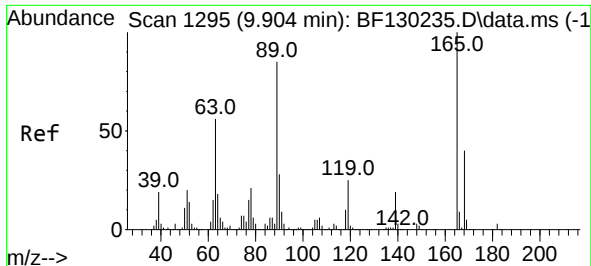


#56
4-Nitrophenol
Concen: 91.504 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.012 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



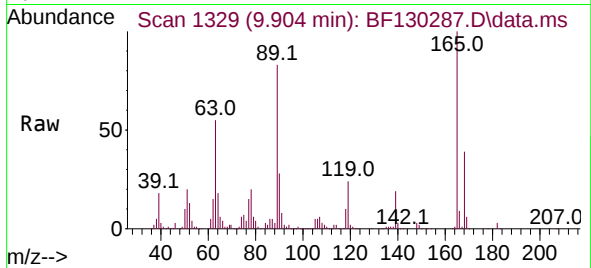
Tgt Ion:139 Resp: 214440
Ion Ratio Lower Upper
139 100
109 90.3 72.2 112.2
65 102.3 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 49.838 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

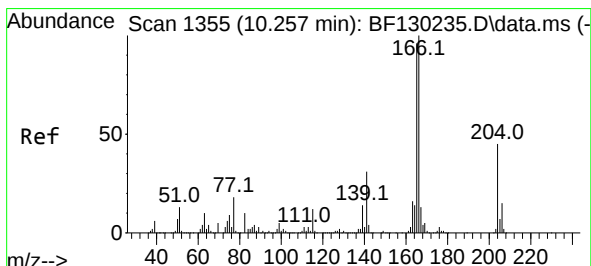
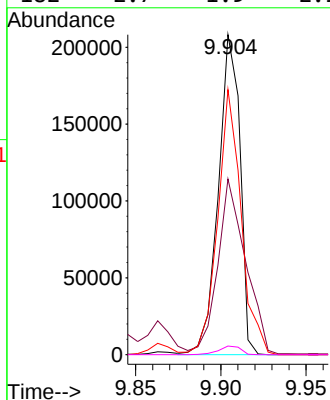
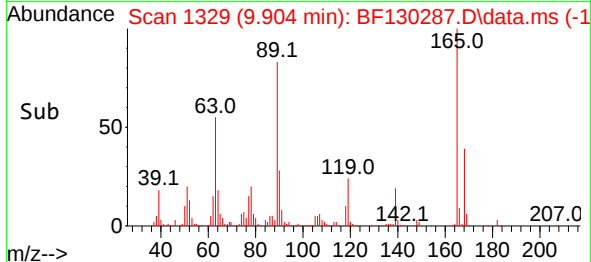
Instrument :
BNA_F
ClientSampleId :
PB147667BS



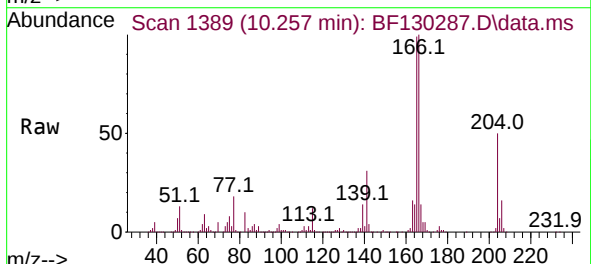
Tgt Ion:165 Resp: 183918
Ion Ratio Lower Upper
165 100
63 54.9 44.7 67.1
89 82.8 69.0 103.4
182 2.7 1.9 2.9

Manual Integrations
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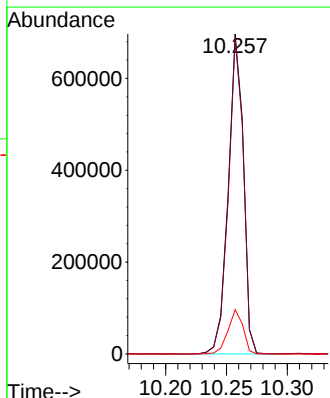
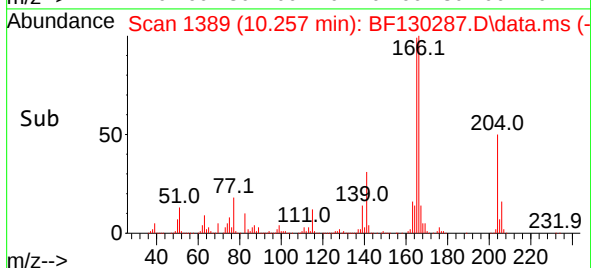
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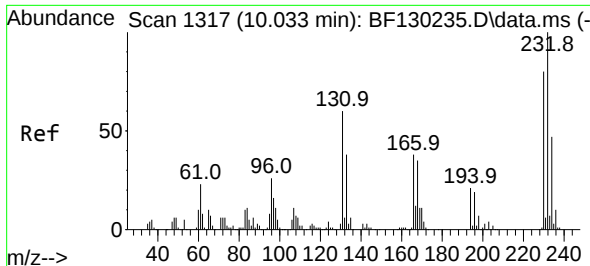


#58
Fluorene
Concen: 44.668 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



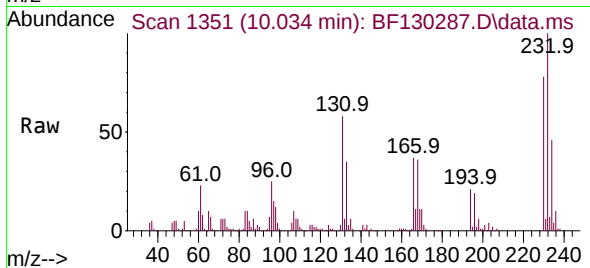
Tgt Ion:166 Resp: 604462
Ion Ratio Lower Upper
166 100
165 98.8 78.8 118.2
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.055 ng
RT: 10.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

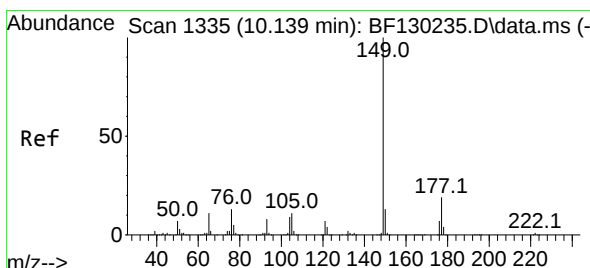
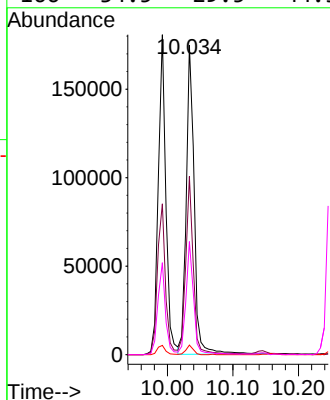
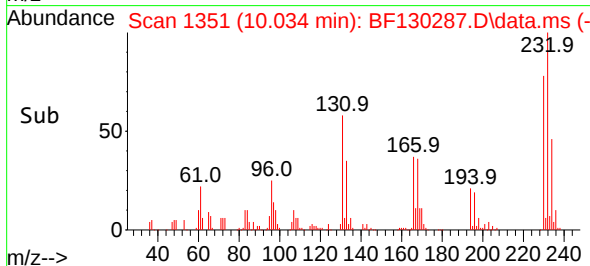
Instrument :
BNA_F
ClientSampleId :
PB147667BS



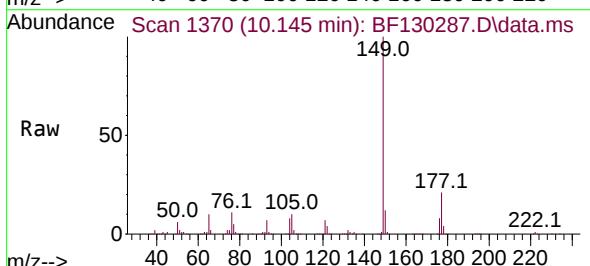
Tgt Ion:232 Resp: 148090
Ion Ratio Lower Upper
232 100
131 54.2 46.4 69.6
130 2.8 2.3 3.5
166 34.5 29.5 44.3

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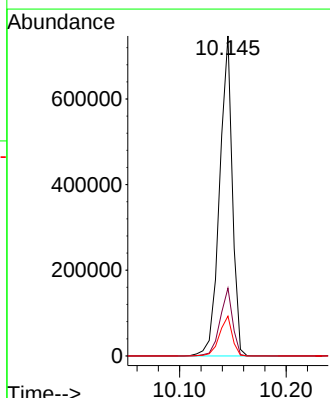
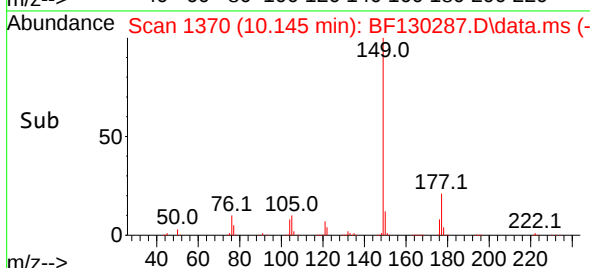
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

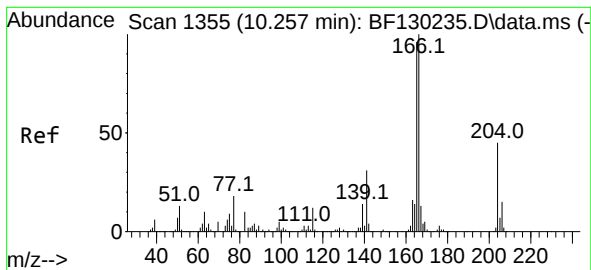


#60
Diethylphthalate
Concen: 44.917 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



Tgt Ion:149 Resp: 621904
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.676 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

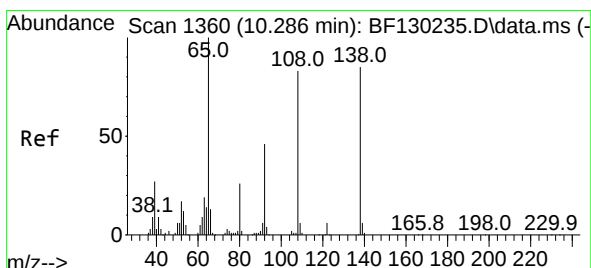
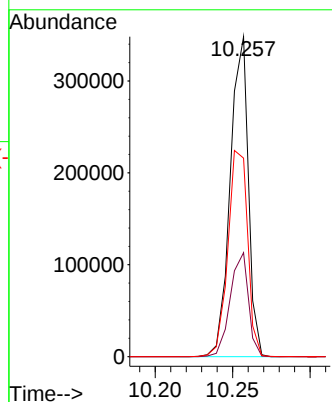
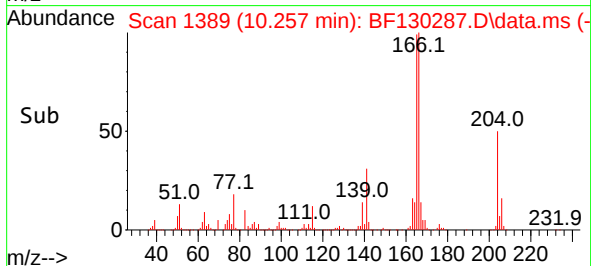
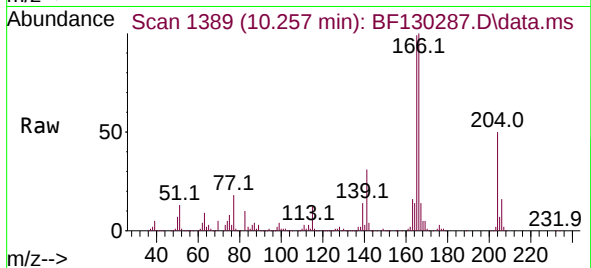
PB147667BS

Tgt Ion:204 Resp: 283020
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 62.0 57.1 85.7

Manual Integrations

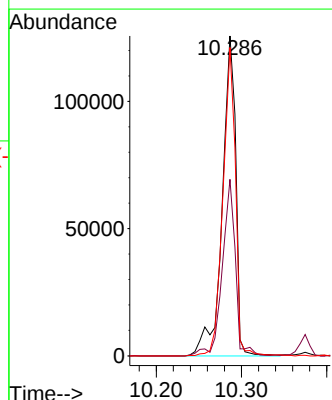
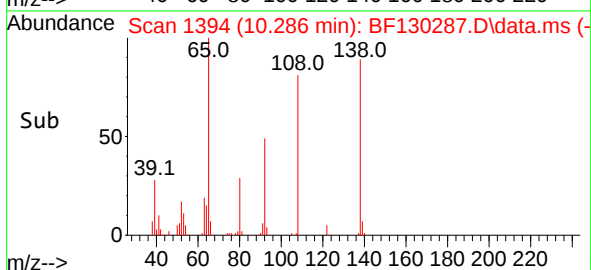
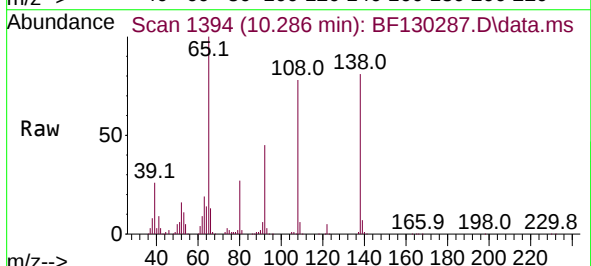
APPROVED

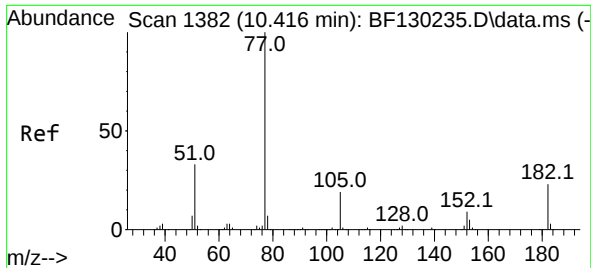
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#62
4-Nitroaniline
Concen: 43.077 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Tgt Ion:138 Resp: 139238
Ion Ratio Lower Upper
138 100
92 55.2 36.7 76.7
108 96.4 78.2 118.2





#63
Azobenzene
Concen: 41.737 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

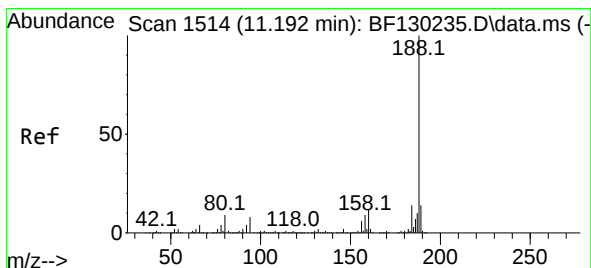
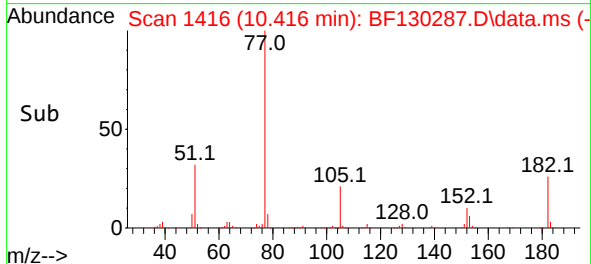
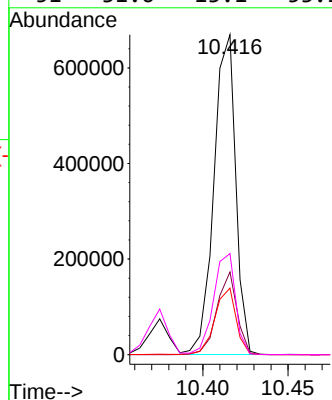
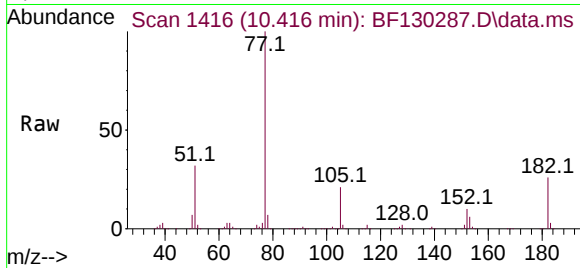
PB147667BS

Tgt Ion: 77 Resp: 595048
Ion Ratio Lower Upper
77 100
182 25.8 2.1 42.1
105 20.8 0.0 39.4
51 31.6 13.1 53.1

Manual Integrations

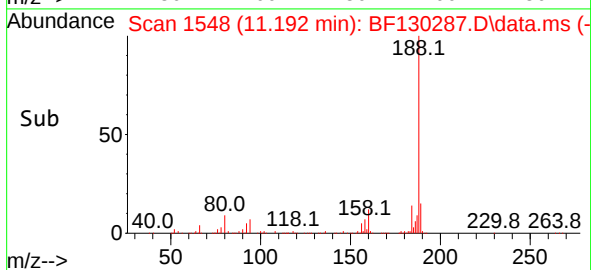
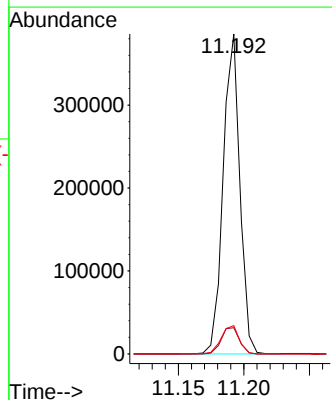
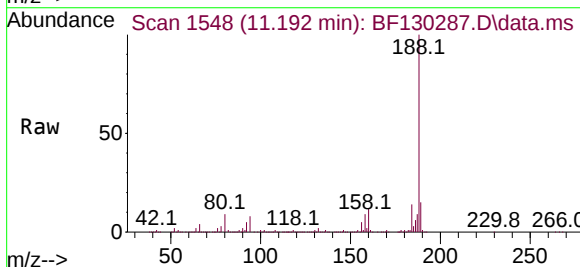
APPROVED

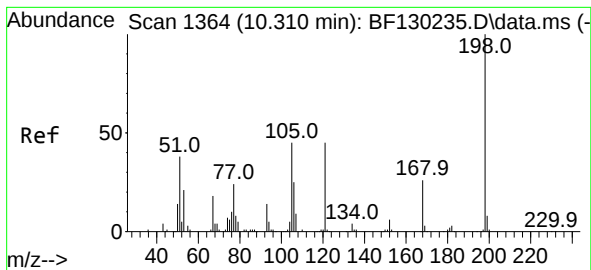
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.192 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Tgt Ion:188 Resp: 342089
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.8 7.9 11.9





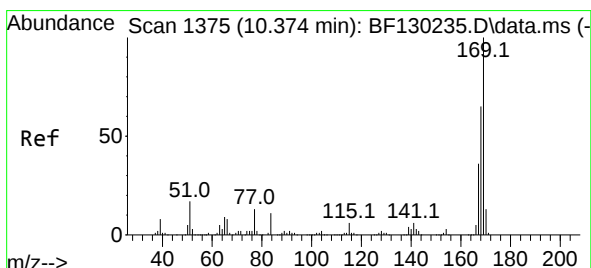
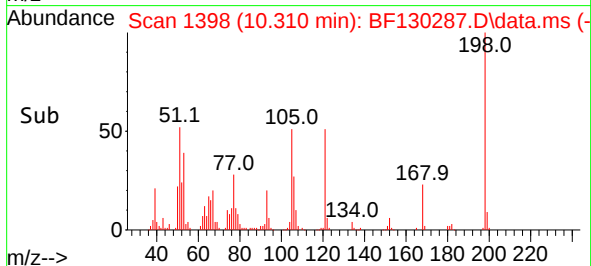
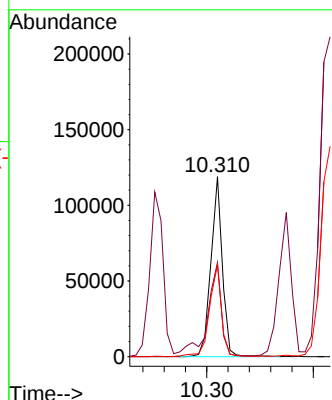
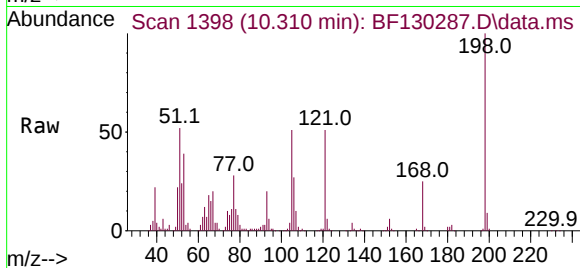
#65
4,6-Dinitro-2-methylphenol
Concen: 46.599 ng
RT: 10.310 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB147667BS

Tgt Ion:198 Resp: 88739
Ion Ratio Lower Upper
198 100
51 52.3 36.9 76.9
105 50.9 33.0 73.0

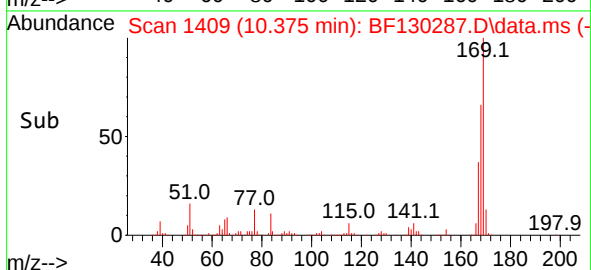
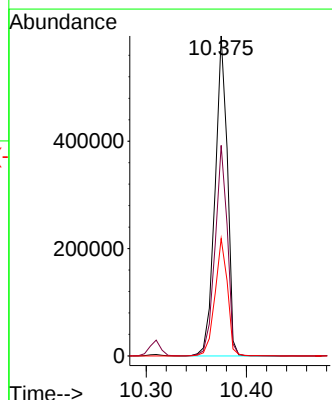
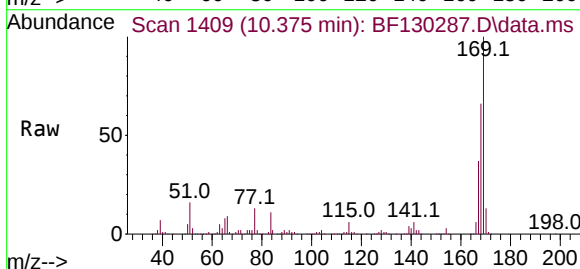
Manual Integrations
APPROVED

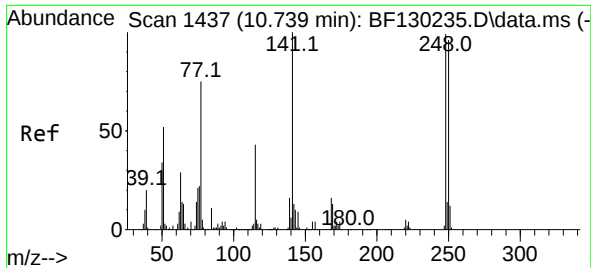
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#66
n-Nitrosodiphenylamine
Concen: 44.327 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

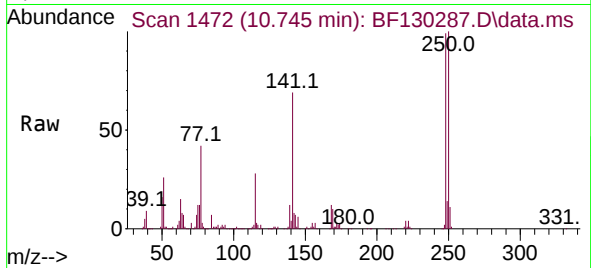
Tgt Ion:169 Resp: 506730
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 47.245 ng
RT: 10.745 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

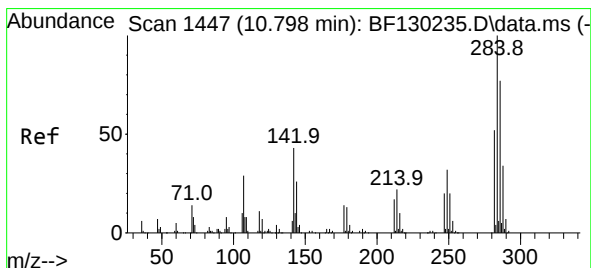
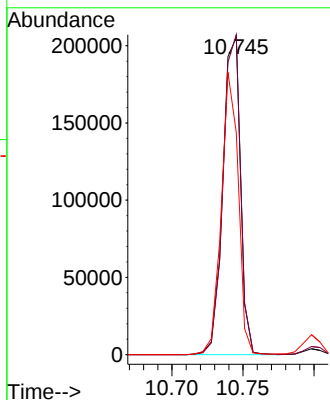
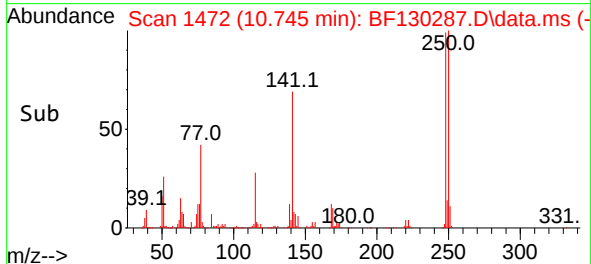
Instrument :
BNA_F
ClientSampleId :
PB147667BS



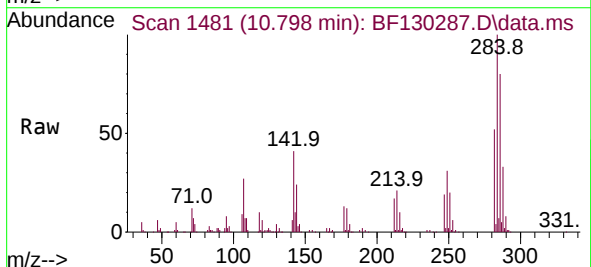
Tgt Ion:248 Resp: 178292
Ion Ratio Lower Upper
248 100
250 100.9 80.0 120.0
141 70.0 68.5 102.7

Manual Integrations
APPROVED

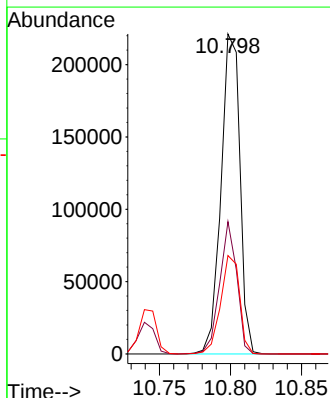
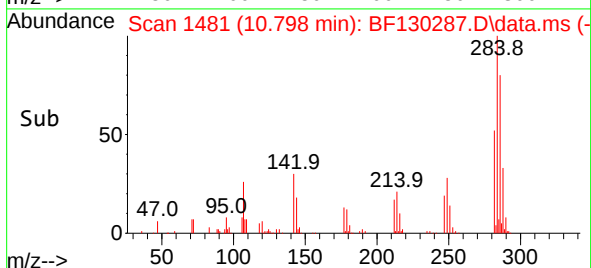
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

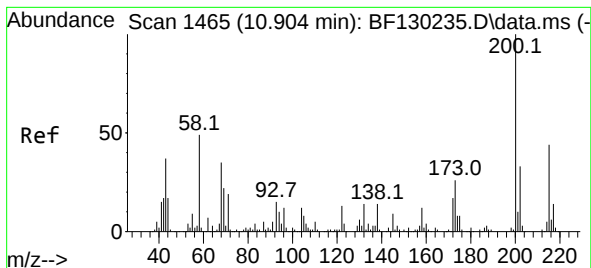


#68
Hexachlorobenzene
Concen: 47.891 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



Tgt Ion:284 Resp: 204873
Ion Ratio Lower Upper
284 100
142 41.3 27.2 40.8#
249 30.7 23.8 35.8





#69

Atrazine

Concen: 50.966 ng

RT: 10.904 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

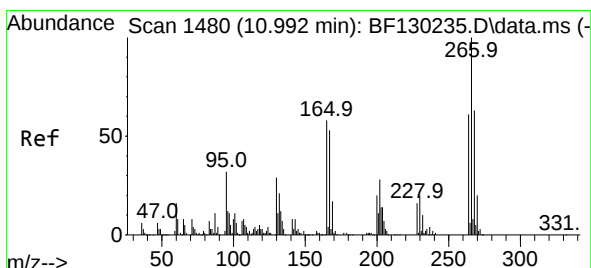
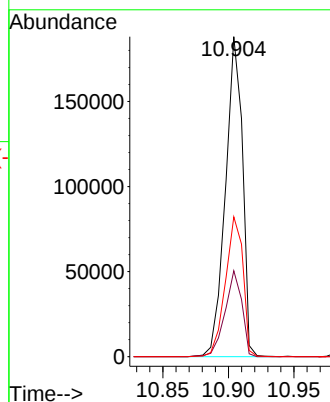
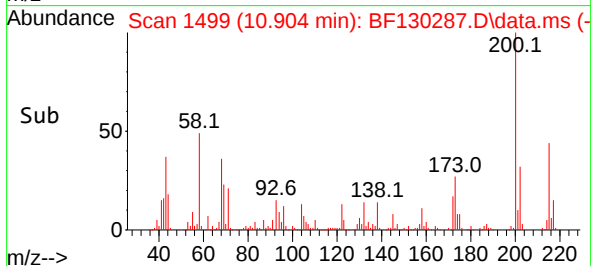
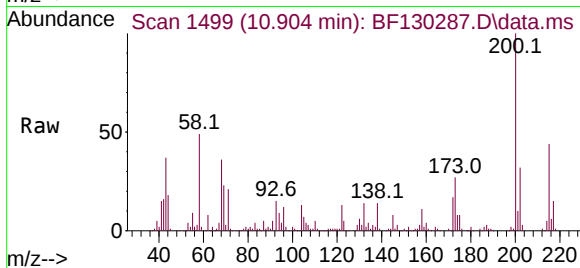
PB147667BS

Tgt Ion:200 Resp: 170264
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.2 46.2
 215 43.7 22.5 62.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022



#70

Pentachlorophenol

Concen: 96.487 ng

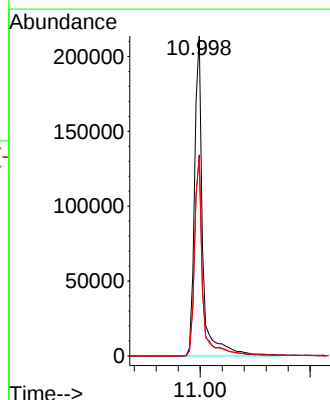
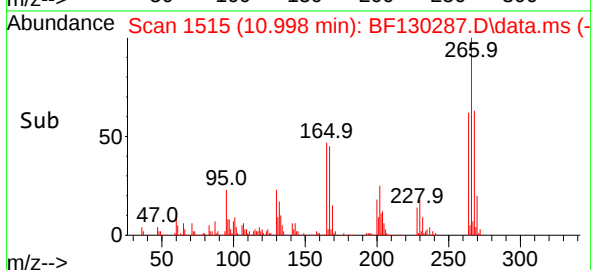
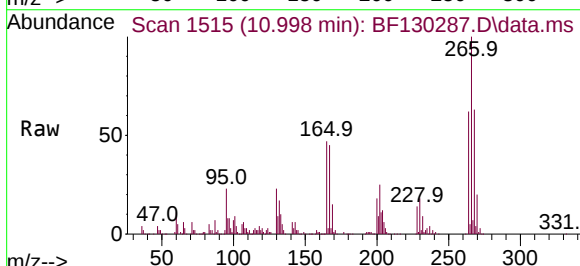
RT: 10.998 min Scan# 1515

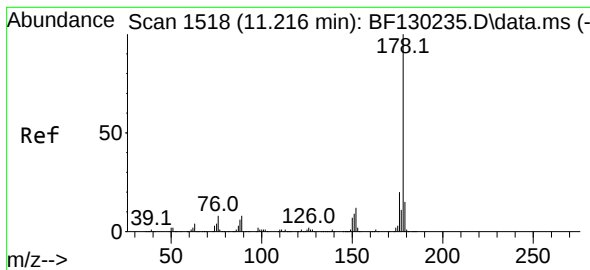
Delta R.T. 0.006 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Tgt Ion:266 Resp: 221521
 Ion Ratio Lower Upper
 266 100
 268 62.8 50.5 75.7
 264 61.9 50.5 75.7





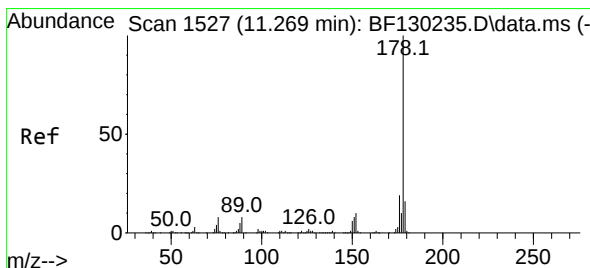
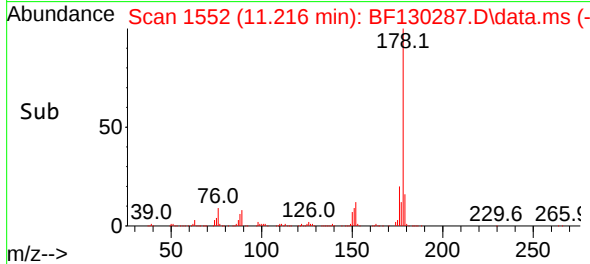
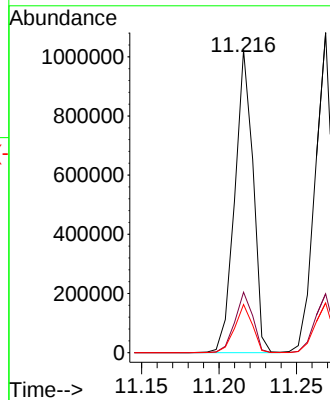
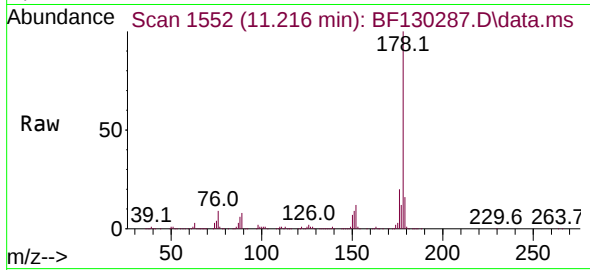
#71
Phenanthrene
Concen: 43.536 ng
RT: 11.216 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB147667BS

Tgt Ion:178 Resp: 836159
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 15.9 12.4 18.6

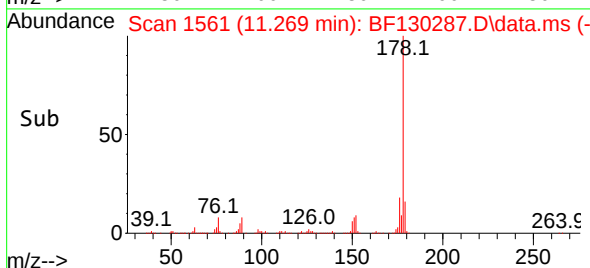
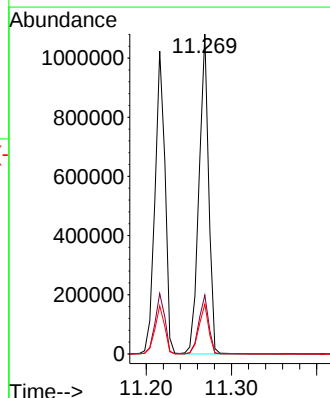
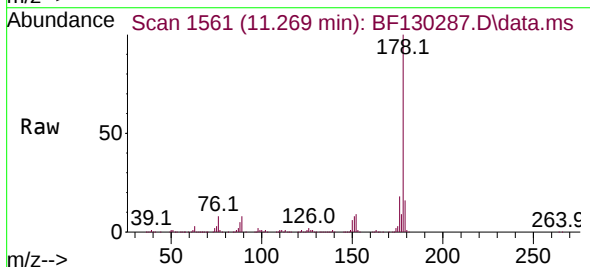
Manual Integrations
APPROVED

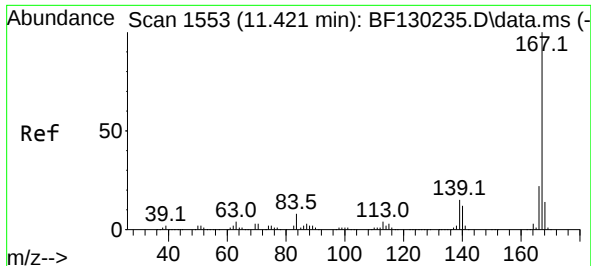
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#72
Anthracene
Concen: 45.776 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

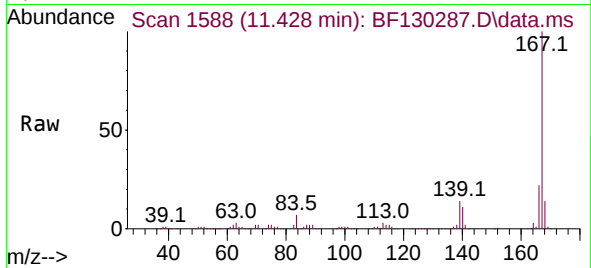
Tgt Ion:178 Resp: 848440
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.5 12.7 19.1





#73
 Carbazole
 Concen: 44.830 ng
 RT: 11.428 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130287.D
 Acq: 16 Sep 2022 12:15

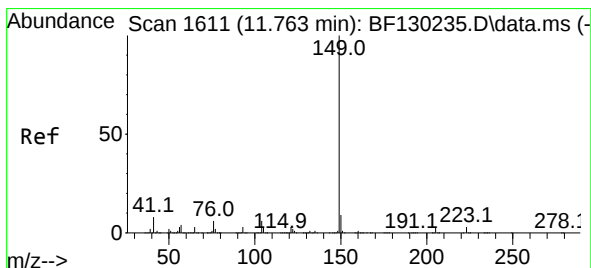
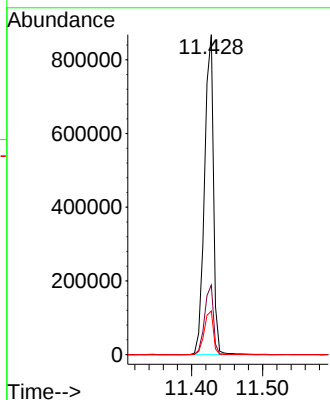
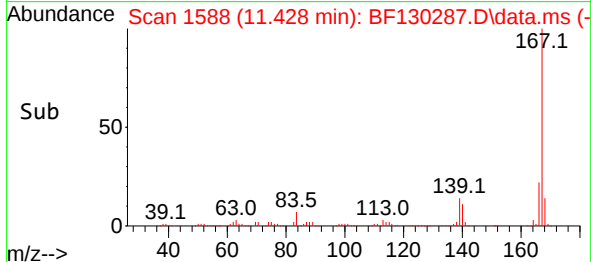
Instrument :
 BNA_F
 ClientSampleId :
 PB147667BS



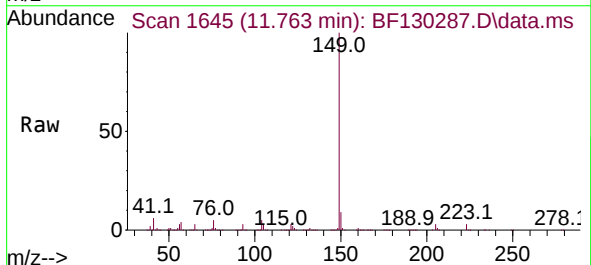
Tgt Ion:167 Resp: 749883
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.6 11.6 17.4

Manual Integrations
 APPROVED

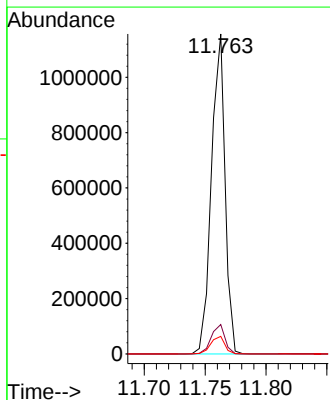
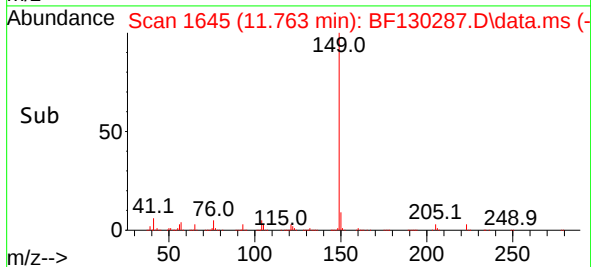
Reviewed By :Christian Giraldo 09/19/2022
 Supervised By :Jagrut Upadhyay 09/19/2022

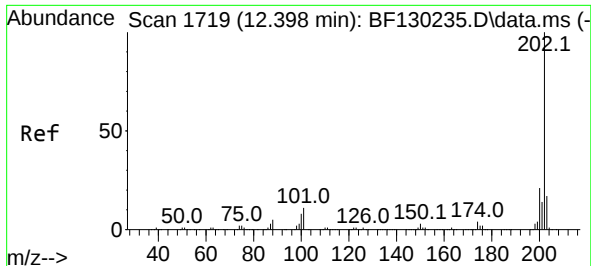


#74
 Di-n-butylphthalate
 Concen: 44.566 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF130287.D
 Acq: 16 Sep 2022 12:15



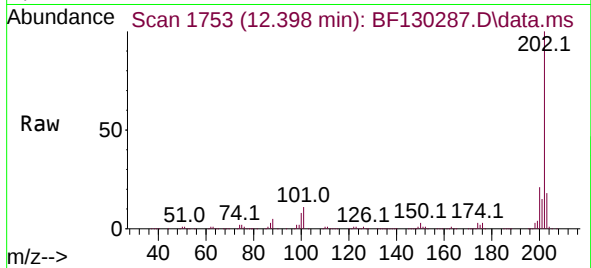
Tgt Ion:149 Resp: 898944
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.5 4.8 7.2





#75
Fluoranthene
Concen: 42.782 ng
RT: 12.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

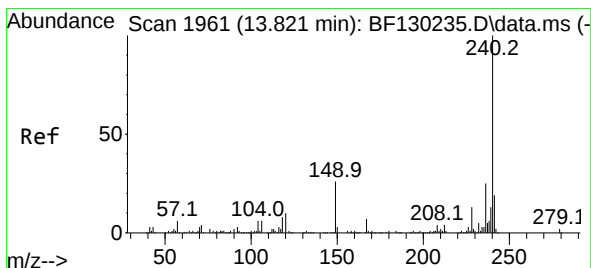
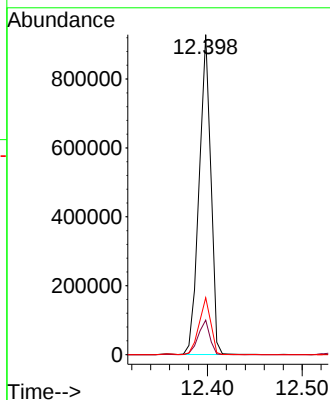
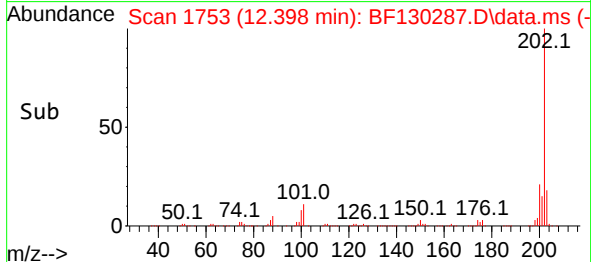
Instrument :
BNA_F
ClientSampleId :
PB147667BS



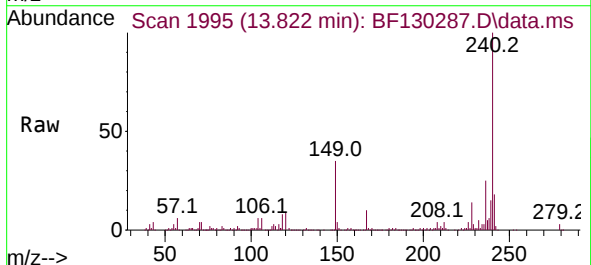
Tgt Ion:202 Resp: 793995
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.8
203 17.8 0.0 37.8

Manual Integrations
APPROVED

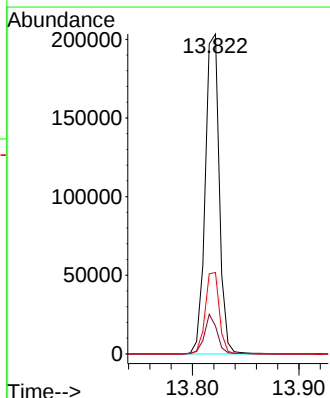
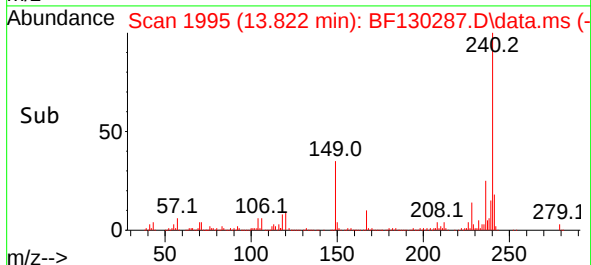
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

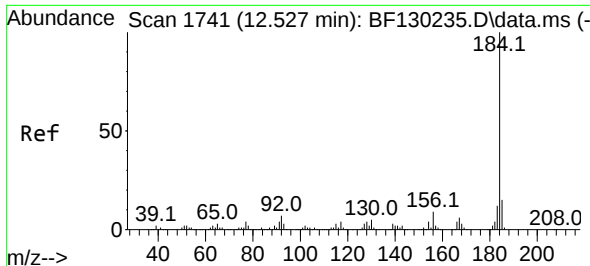


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.822 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



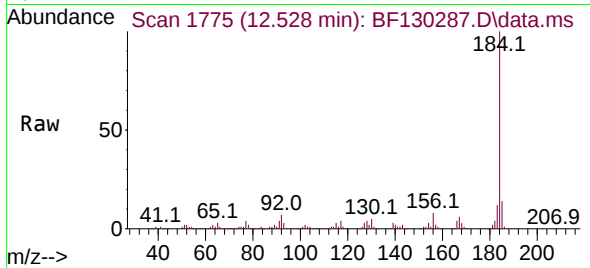
Tgt Ion:240 Resp: 185620
Ion Ratio Lower Upper
240 100
120 8.7 8.7 13.1#
236 25.4 20.9 31.3





#77
Benzidine
Concen: 64.475 ng
RT: 12.528 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

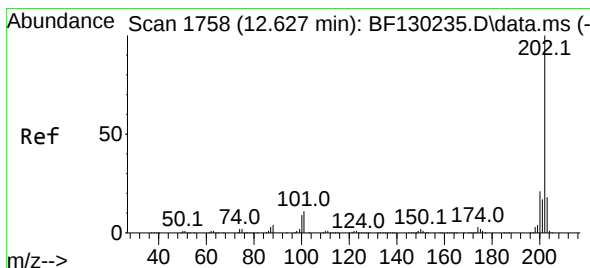
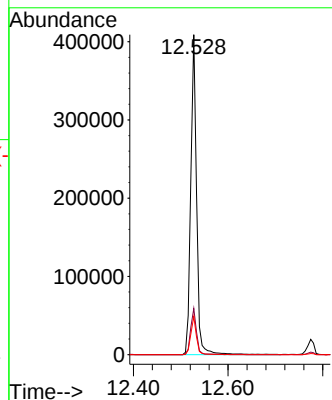
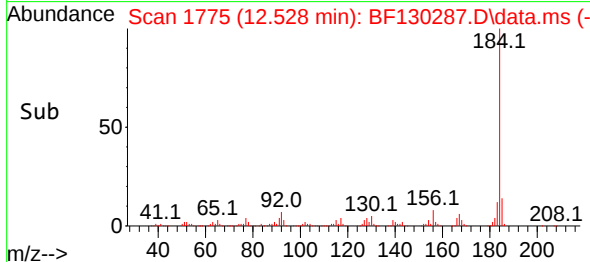
Instrument :
BNA_F
ClientSampleId :
PB147667BS



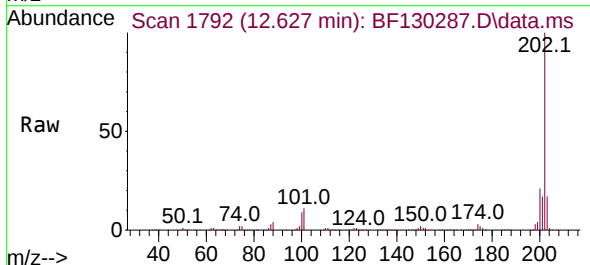
Tgt Ion:184 Resp: 347415
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 11.9 9.1 13.7

Manual Integrations
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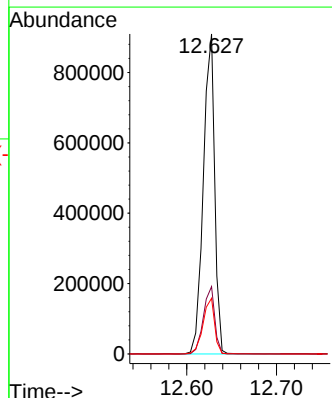
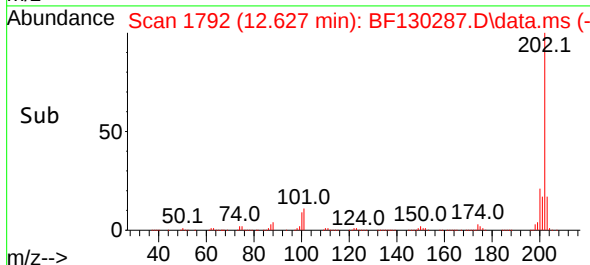
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

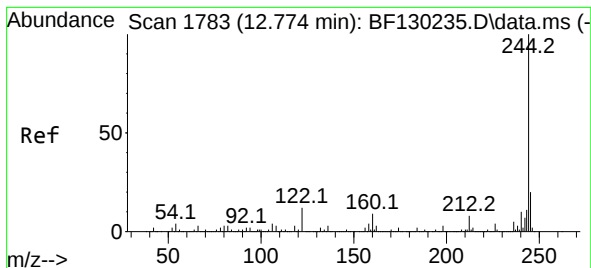


#78
Pyrene
Concen: 49.133 ng
RT: 12.627 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



Tgt Ion:202 Resp: 797827
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.4 14.3 21.5





#79

Terphenyl-d14

Concen: 107.267 ng

RT: 12.775 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF130287.D

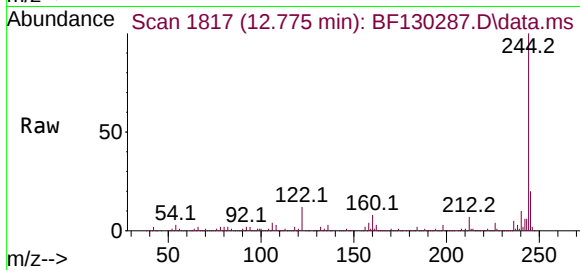
Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB147667BS



Tgt Ion:244 Resp: 1201997

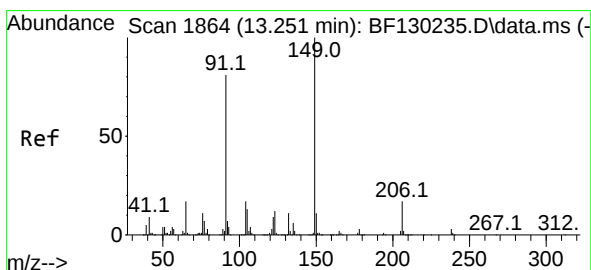
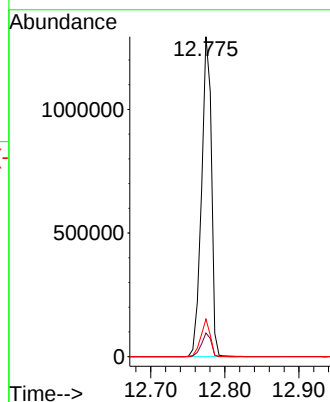
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.7	8.5	12.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/19/2022



#80

Butylbenzylphthalate

Concen: 47.855 ng

RT: 13.251 min Scan# 1898

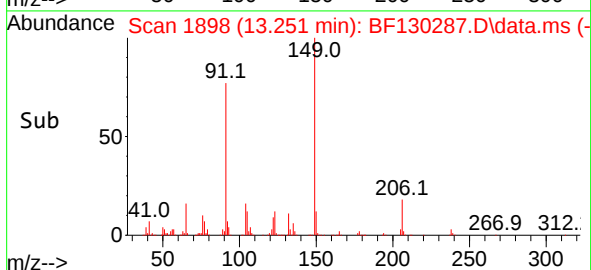
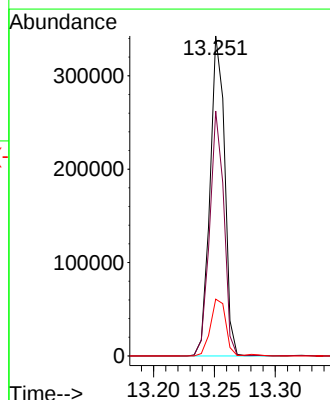
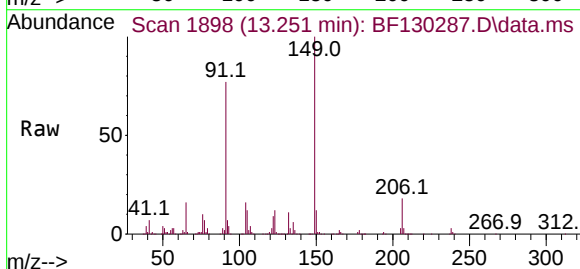
Delta R.T. 0.000 min

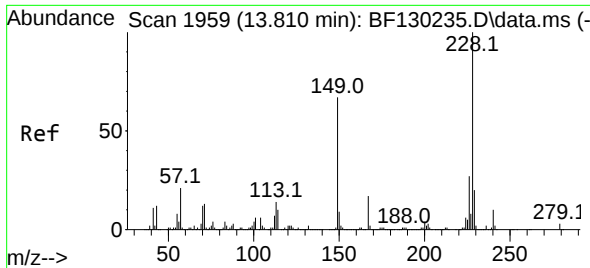
Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Tgt Ion:149 Resp: 287877

Ion	Ratio	Lower	Upper
149	100		
91	76.5	59.8	89.8
206	17.7	13.9	20.9





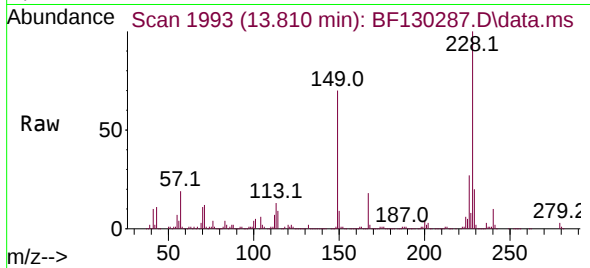
#81
Benzo(a)anthracene
Concen: 45.015 ng
RT: 13.810 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB147667BS

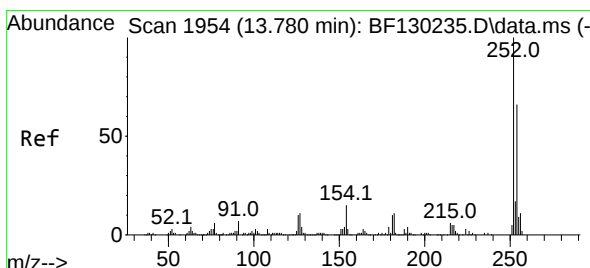
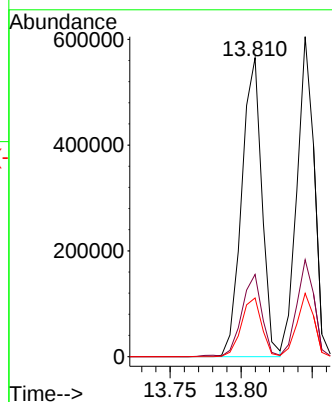
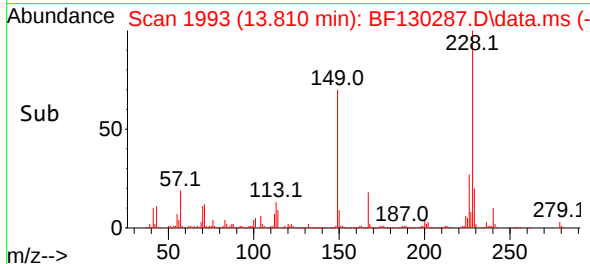


Tgt Ion:228 Resp: 55585
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 19.6 16.1 24.1

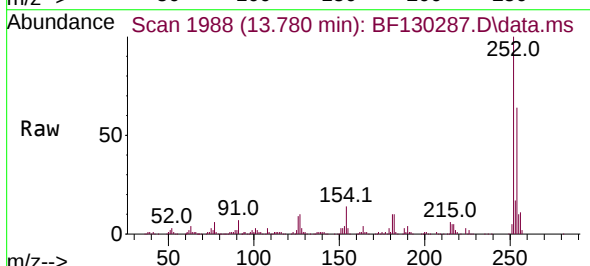
Manual Integrations

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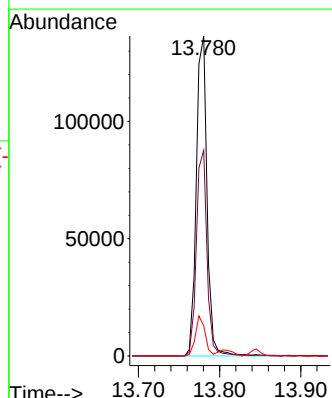
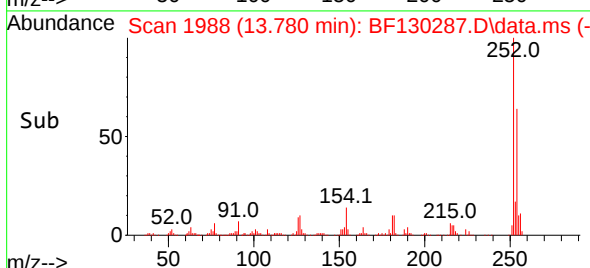
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

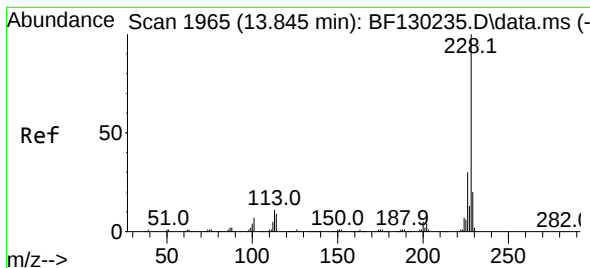


#82
3,3'-Dichlorobenzidine
Concen: 37.132 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



Tgt Ion:252 Resp: 124814
Ion Ratio Lower Upper
252 100
254 64.3 51.1 76.7
126 9.4 10.4 15.6#





#83

Chrysene

Concen: 43.629 ng

RT: 13.845 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

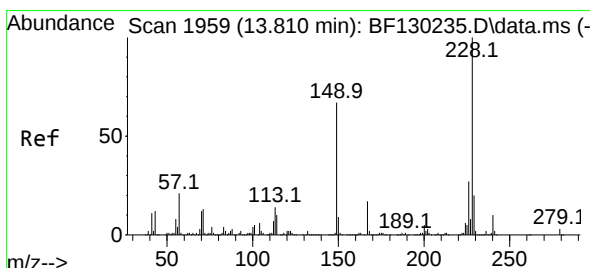
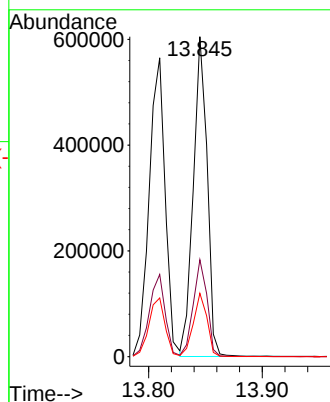
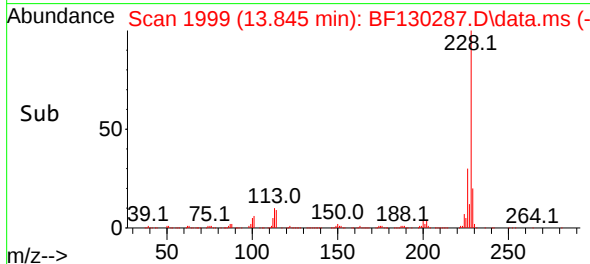
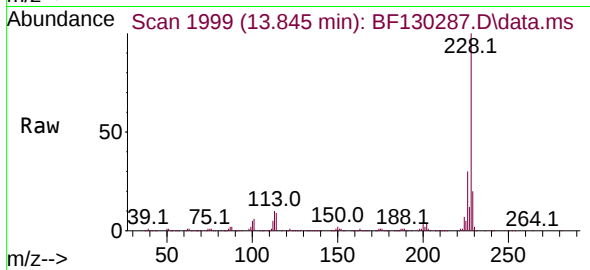
PB147667BS

Tgt Ion:	228	Resp:	51154
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.8	35.8
229	19.8	15.3	22.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.778 ng

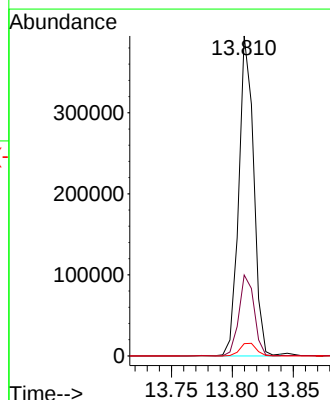
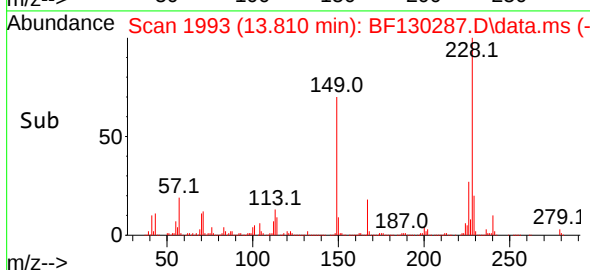
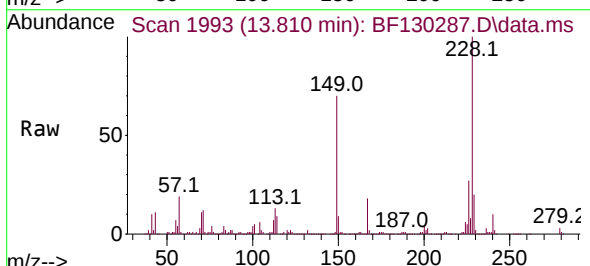
RT: 13.810 min Scan# 1993

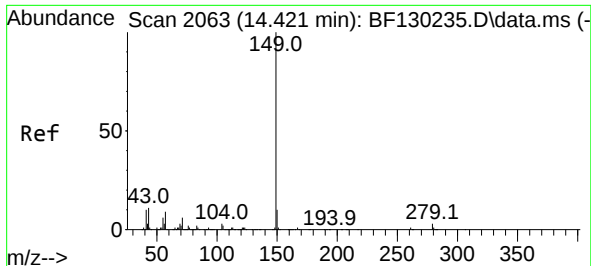
Delta R.T. 0.000 min

Lab File: BF130287.D

Acq: 16 Sep 2022 12:15

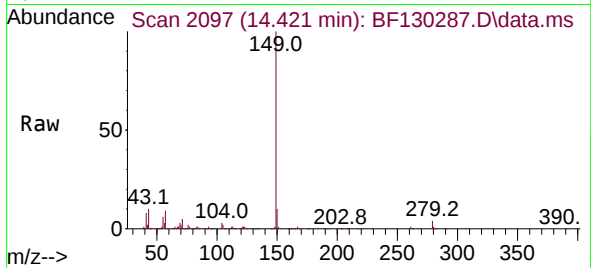
Tgt Ion:	149	Resp:	336101
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.5	30.7
279	3.8	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 47.326 ng
RT: 14.421 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

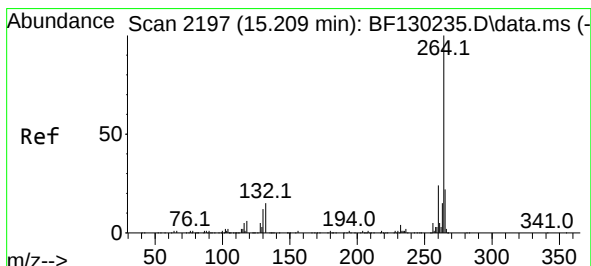
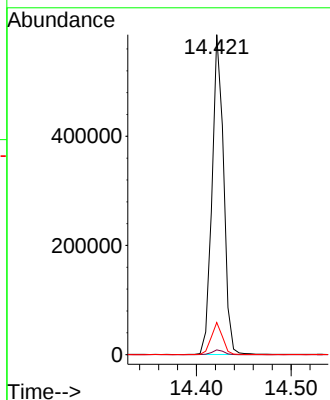
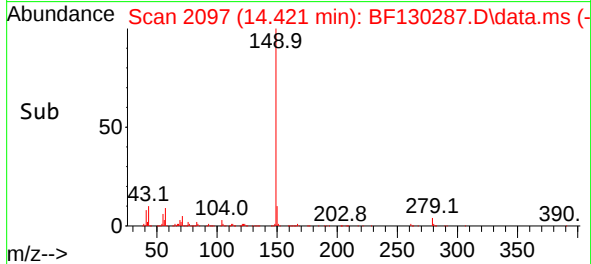
Instrument :
BNA_F
ClientSampleId :
PB147667BS



Tgt Ion:149 Resp: 498765
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.9 8.7 13.1

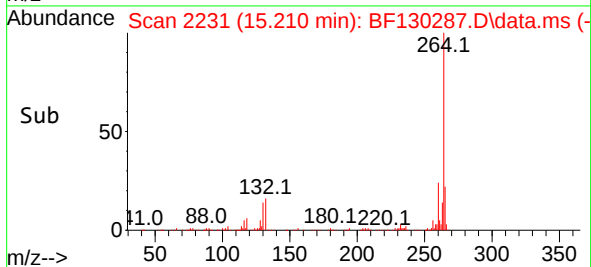
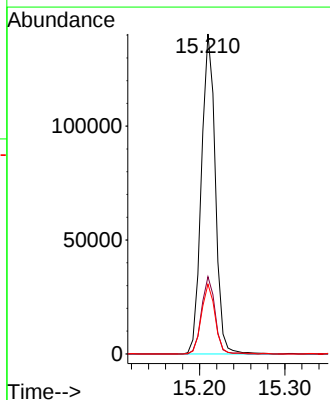
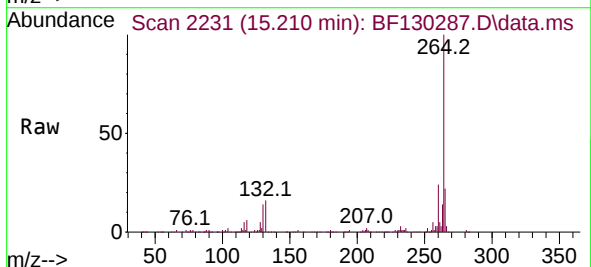
Manual Integrations
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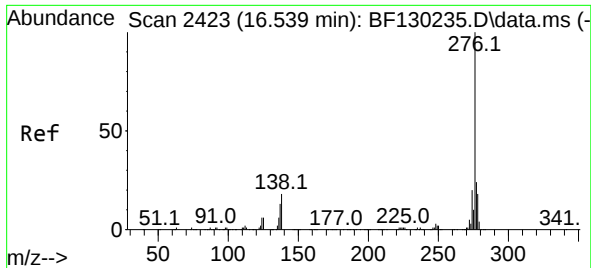
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.210 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Tgt Ion:264 Resp: 159172
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.8 17.0 25.4





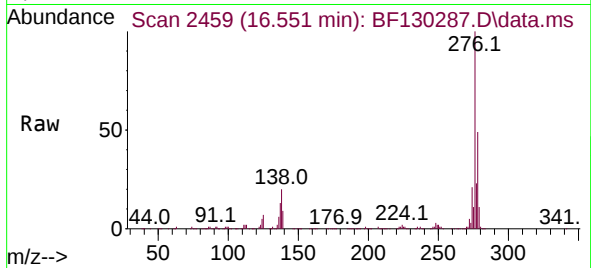
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.555 ng
RT: 16.551 min Scan# 2423
Delta R.T. 0.012 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB147667BS

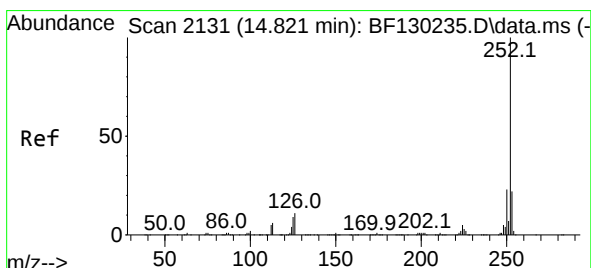
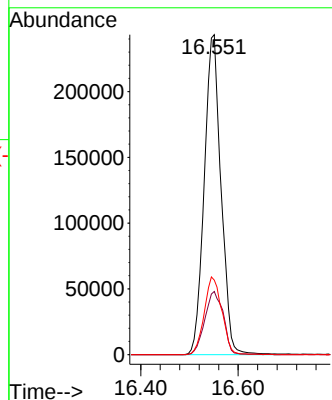
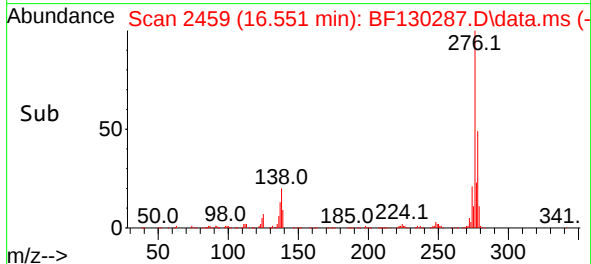


Tgt Ion:276 Resp: 581929
Ion Ratio Lower Upper
276 100
138 22.0 18.5 27.7
277 25.4 20.2 30.4

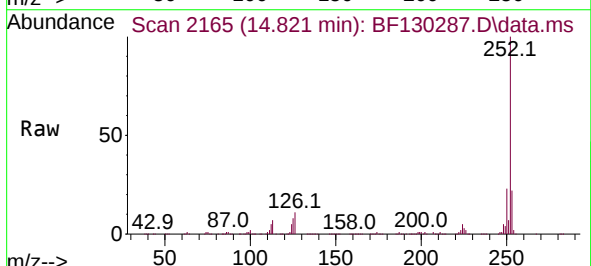
Manual Integrations

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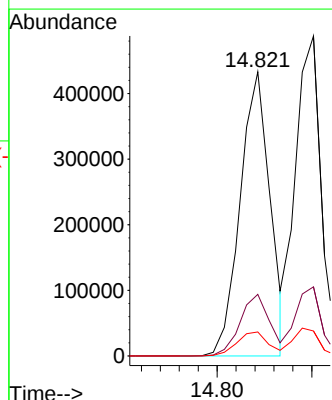
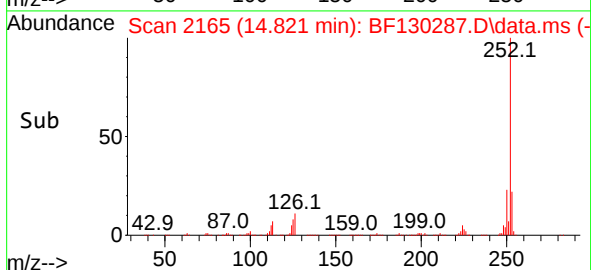
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022

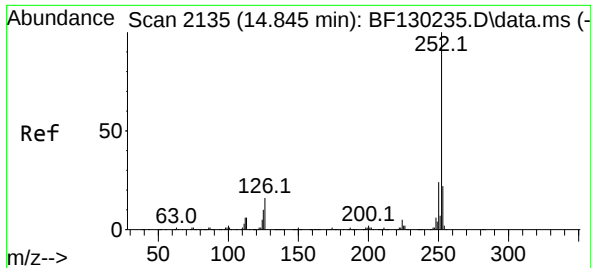


#88
Benzo(b)fluoranthene
Concen: 45.762 ng
RT: 14.821 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15



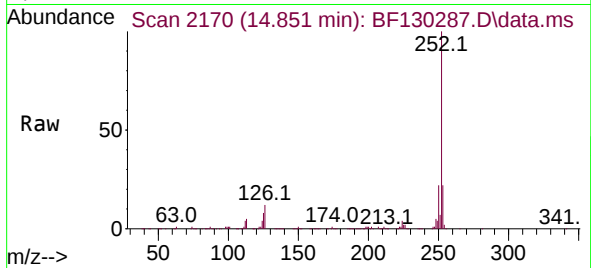
Tgt Ion:252 Resp: 475429
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.4 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.806 ng m
RT: 14.851 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

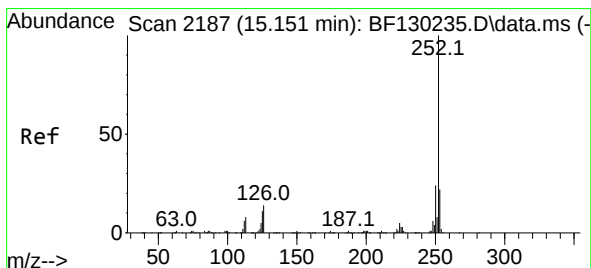
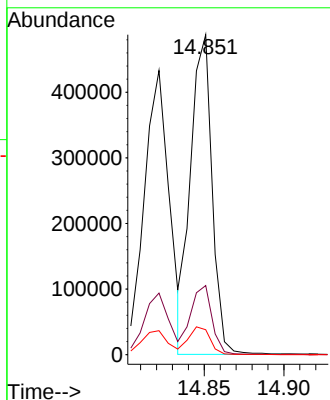
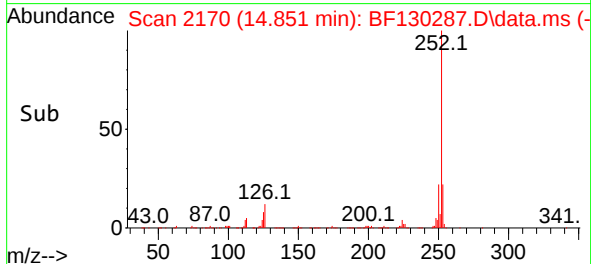
Instrument :
BNA_F
ClientSampleId :
PB147667BS



Tgt Ion:252 Resp: 457900
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 7.8 7.9 11.9

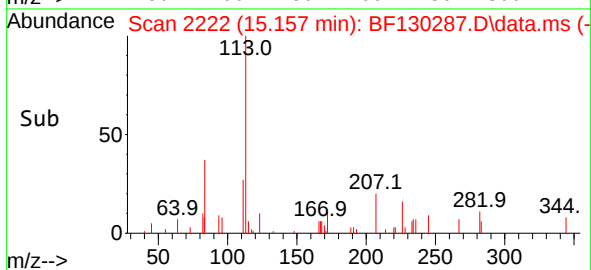
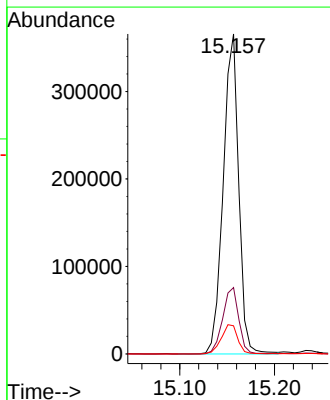
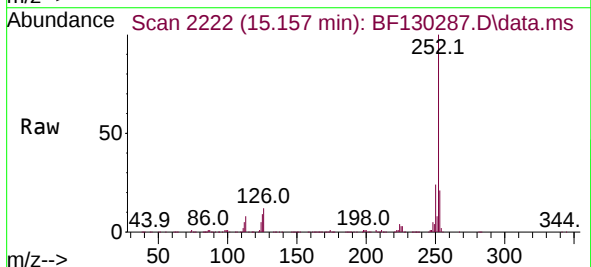
Manual Integrations
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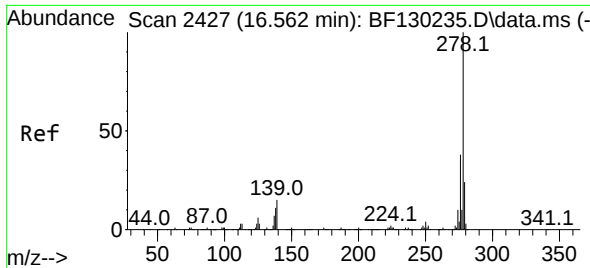
Reviewed By :Christian Giraldo 09/19/2022
Supervised By :Jagrut Upadhyay 09/19/2022



#90
Benzo(a)pyrene
Concen: 50.280 ng
RT: 15.157 min Scan# 2222
Delta R.T. 0.006 min
Lab File: BF130287.D
Acq: 16 Sep 2022 12:15

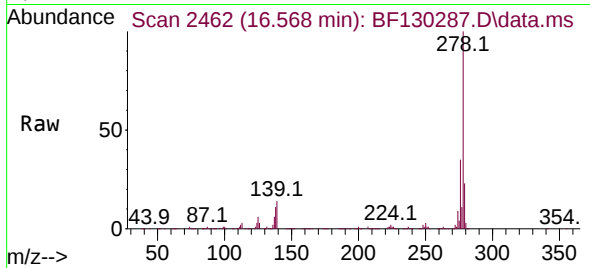
Tgt Ion:252 Resp: 413838
Ion Ratio Lower Upper
252 100
253 20.7 17.8 26.6
125 8.8 9.0 13.6





#91
 Dibenzo(a,h)anthracene
 Concen: 54.528 ng
 RT: 16.568 min Scan# 2427
 Delta R.T. 0.006 min
 Lab File: BF130287.D
 Acq: 16 Sep 2022 12:15

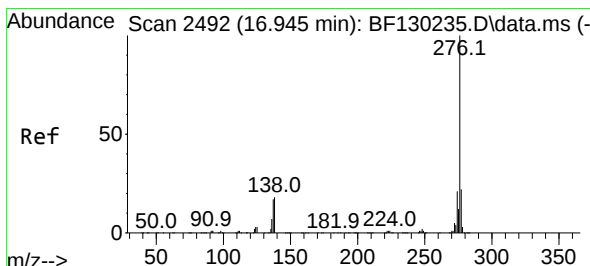
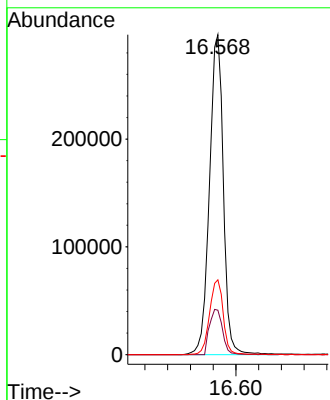
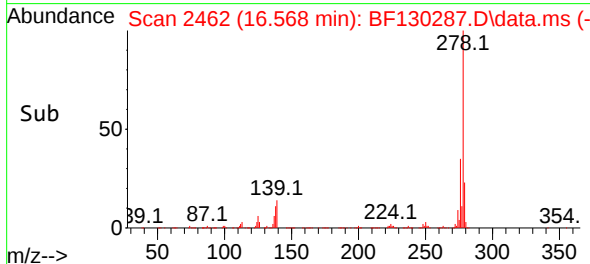
Instrument :
 BNA_F
 ClientSampleId :
 PB147667BS



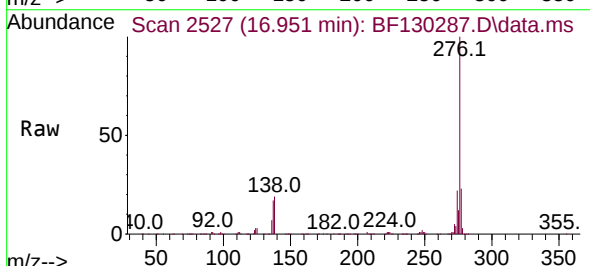
Tgt Ion: 278 Resp: 504913
 Ion Ratio Lower Upper
 278 100
 139 13.9 11.8 17.8
 279 23.4 19.4 29.0

Manual Integrations
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Reviewed By : Christian Giraldo 09/19/2022
 Supervised By : Jagrut Upadhyay 09/19/2022



#92
 Benzo(g,h,i)perylene
 Concen: 53.923 ng
 RT: 16.951 min Scan# 2527
 Delta R.T. 0.006 min
 Lab File: BF130287.D
 Acq: 16 Sep 2022 12:15



Tgt Ion: 276 Resp: 502980
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.6 27.8
 138 19.1 14.6 21.8

