

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132363.D
 Acq On : 08 Feb 2023 18:32
 Operator : CG\JU
 Sample : 01418-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-16-020223MS

Quant Time: Feb 09 02:00:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 02/09/2023
 Supervised By :Jagrut
 Upadhyay
 02/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	168498	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	644463	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	308678	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	500807	20.000	ng	0.00
76) Chrysene-d12	14.254	240	293255	20.000	ng	0.00
86) Perylene-d12	15.824	264	251444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.689	112	1340469	127.875	ng	0.03
7) Phenol-d6	6.672	99	1537854	118.995	ng	0.00
23) Nitrobenzene-d5	7.613	82	1051946	90.832	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	505099	159.120	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1878686	93.987	ng	0.00
79) Terphenyl-d14	13.189	244	1698147	112.015	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	210073	42.590	ng	95
3) Pyridine	3.848	79	419048	31.316	ng	96
4) n-Nitrosodimethylamine	3.795	42	179642	41.955	ng	94
6) Aniline	6.713	93	260225m	14.838	ng	
8) 2-Chlorophenol	6.831	128	563186	51.873	ng	97
9) Benzaldehyde	6.601	77	162012	18.950	ng	95
10) Phenol	6.684	94	543871m	40.659	ng	
11) bis(2-Chloroethyl)ether	6.778	93	531423	48.272	ng	95
12) 1,3-Dichlorobenzene	6.989	146	559200	48.699	ng	97
13) 1,4-Dichlorobenzene	7.066	146	563245	49.139	ng	99
14) 1,2-Dichlorobenzene	7.219	146	545444	51.026	ng	98
15) Benzyl Alcohol	7.183	79	431214	45.728	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.313	45	474171	40.881	ng	94
17) 2-Methylphenol	7.289	107	428687	45.107	ng	99
18) Hexachloroethane	7.560	117	205849	47.873	ng	98
19) n-Nitroso-di-n-propyla...	7.460	70	308612	42.040	ng	97
20) 3+4-Methylphenols	7.442	107	512422	42.244	ng	91
22) Acetophenone	7.454	105	708322	46.736	ng	98
24) Nitrobenzene	7.631	77	512367	43.305	ng	96
25) Isophorone	7.872	82	973164	44.273	ng	95
26) 2-Nitrophenol	7.948	139	302719	52.528	ng	# 91
27) 2,4-Dimethylphenol	7.978	122	493068	48.880	ng	99
28) bis(2-Chloroethoxy)met...	8.072	93	625901	46.335	ng	99
29) 2,4-Dichlorophenol	8.189	162	450084	50.256	ng	98
30) 1,2,4-Trichlorobenzene	8.272	180	486184	50.695	ng	98
31) Naphthalene	8.360	128	1481801	46.711	ng	100
32) Benzoic acid	8.089	122	338552	45.341	ng	89
33) 4-Chloroaniline	8.401	127	69262	4.924	ng	96
34) Hexachlorobutadiene	8.466	225	285027	52.866	ng	100
35) Caprolactam	8.777	113	127352m	41.712	ng	
36) 4-Chloro-3-methylphenol	8.877	107	463821	48.072	ng	96
37) 2-Methylnaphthalene	9.048	142	983341	45.763	ng	100
38) 1-Methylnaphthalene	9.154	142	916418	45.893	ng	99
40) 1,2,4,5-Tetrachloroben...	9.219	216	460478	53.010	ng	99
41) Hexachlorocyclopentadiene	9.201	237	369885	72.984	ng	99
43) 2,4,6-Trichlorophenol	9.325	196	326453	52.574	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.372	196	350354	49.021	ng	97
46) 1,1'-Biphenyl	9.519	154	1178046	49.503	ng	97
47) 2-Chloronaphthalene	9.542	162	922397	50.890	ng	99
48) 2-Nitroaniline	9.636	65	228382	42.367	ng	83
49) Acenaphthylene	9.966	152	1406479	47.546	ng	100
50) Dimethylphthalate	9.813	163	1094170	50.674	ng	98
51) 2,6-Dinitrotoluene	9.877	165	247324	51.287	ng	88
52) Acenaphthene	10.136	154	920173	49.686	ng	99
53) 3-Nitroaniline	10.048	138	145032	24.800	ng	92
54) 2,4-Dinitrophenol	10.154	184	177333	64.334	ng	# 87
55) Dibenzofuran	10.307	168	1217935	46.806	ng	100
56) 4-Nitrophenol	10.201	139	354181	80.483	ng	95
57) 2,4-Dinitrotoluene	10.283	165	315452	50.358	ng	90
58) Fluorene	10.654	166	931151	46.497	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.419	232	263303	50.535	ng	99
60) Diethylphthalate	10.513	149	1091574	50.818	ng	99
61) 4-Chlorophenyl-phenyle...	10.636	204	469232	49.372	ng	95
62) 4-Nitroaniline	10.666	138	226705	40.425	ng	96
63) Azobenzene	10.801	77	846055	40.436	ng	94
65) 4,6-Dinitro-2-methylph...	10.689	198	117425	41.312	ng	97
66) n-Nitrosodiphenylamine	10.760	169	823542	52.515	ng	100
67) 4-Bromophenyl-phenylether	11.136	248	287279	56.019	ng	94
68) Hexachlorobenzene	11.201	284	316923	57.820	ng	96
69) Atrazine	11.283	200	252321	55.939	ng	99
70) Pentachlorophenol	11.395	266	332839	88.377	ng	100
71) Phenanthrene	11.624	178	1252046	47.843	ng	100
72) Anthracene	11.671	178	1268643	47.634	ng	100
73) Carbazole	11.824	167	1094205	45.820	ng	100
74) Di-n-butylphthalate	12.148	149	1497154	53.030	ng	99
75) Fluoranthene	12.818	202	1143711	42.826	ng	98
77) Benzidine	12.930	184	139021	13.560	ng	98
78) Pyrene	13.048	202	1151857	48.835	ng	100
80) Butylbenzylphthalate	13.660	149	540667	51.883	ng	94
81) Benzo(a)anthracene	14.242	228	1023356	49.894	ng	99
82) 3,3'-Dichlorobenzidine	14.201	252	228906	35.040	ng	99
83) Chrysene	14.283	228	931124	48.482	ng	99
84) Bis(2-ethylhexyl)phtha...	14.212	149	747343	53.057	ng	99
85) Di-n-octyl phthalate	14.842	149	1218723	53.047	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.453	276	764929	45.783	ng	97
88) Benzo(b)fluoranthene	15.354	252	920936	57.620	ng	98
89) Benzo(k)fluoranthene	15.389	252	824654	54.054	ng	98
90) Benzo(a)pyrene	15.759	252	714845	48.030	ng	98
91) Dibenzo(a,h)anthracene	17.471	278	640542	47.685	ng	98
92) Benzo(g,h,i)perylene	17.953	276	600952	43.305	ng	96

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

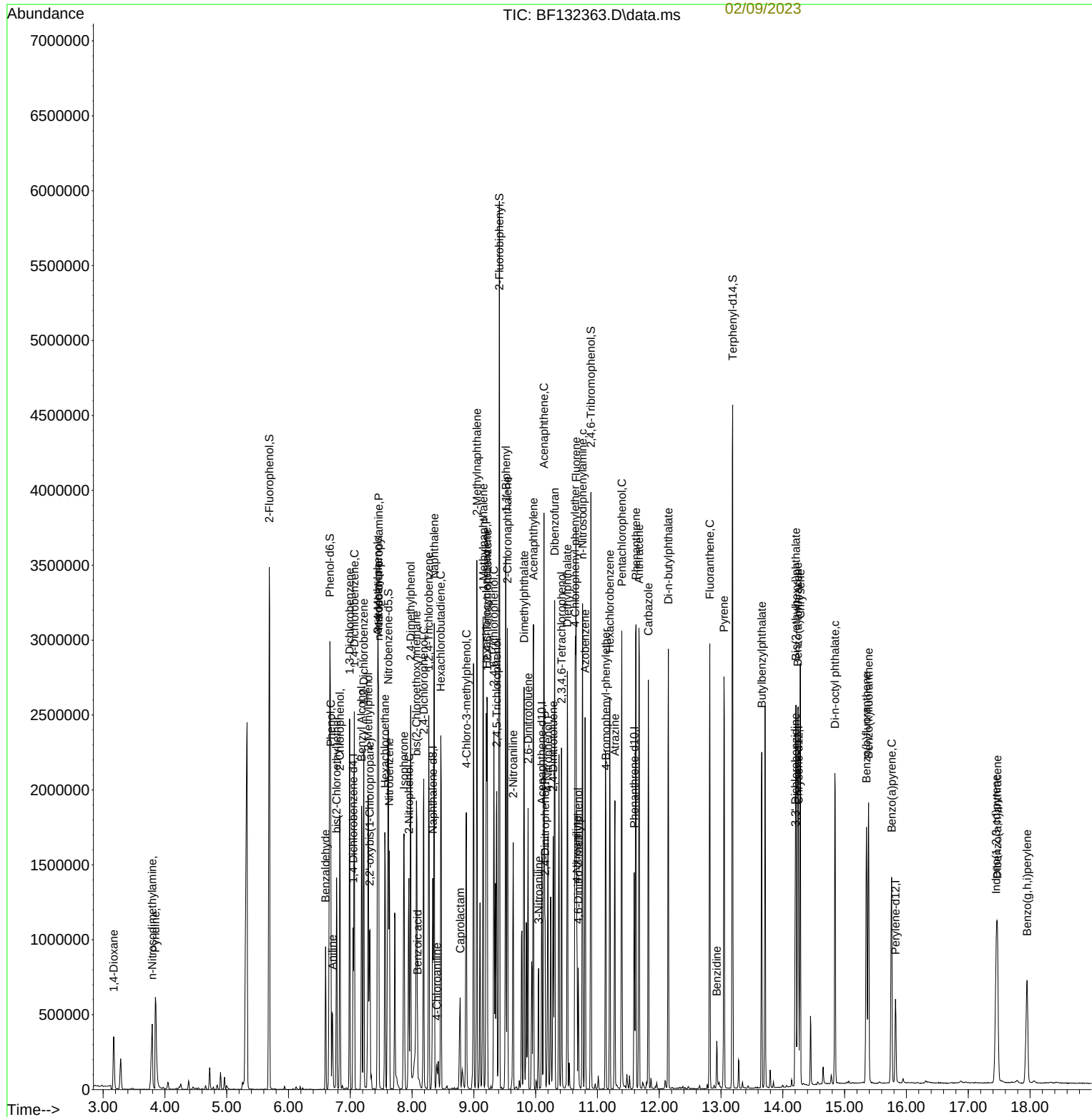
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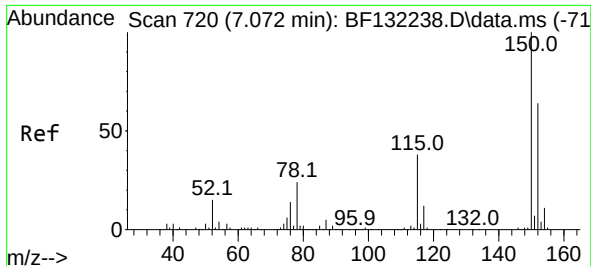
Instrument :
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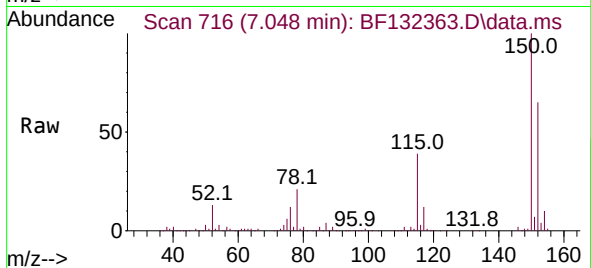
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

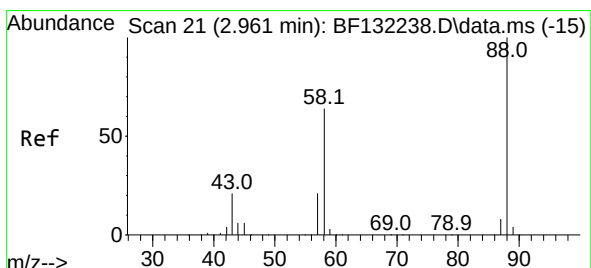
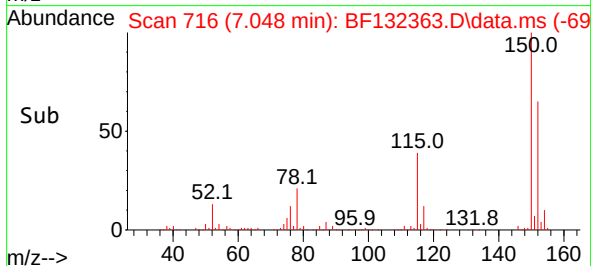
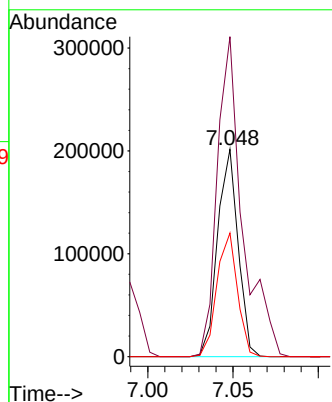


Tgt Ion:152 Resp: 168498
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 59.6 47.3 70.9

Manual Integrations
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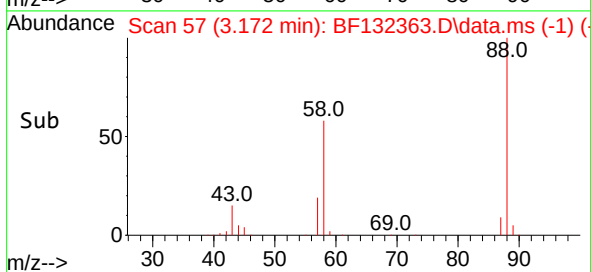
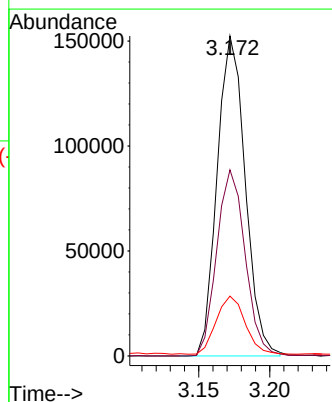
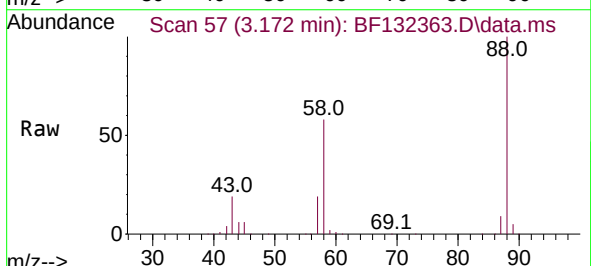
Reviewed By :Christian
Giraldo
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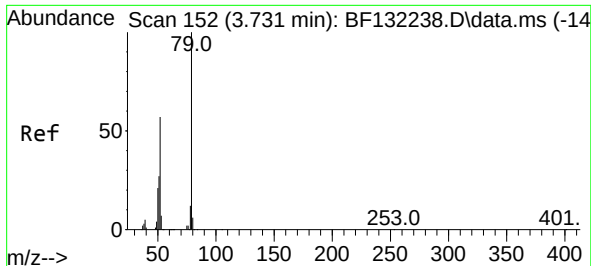
Supervised By :Jagrut
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#2
1,4-Dioxane
Concen: 42.590 ng
RT: 3.172 min Scan# 57
Delta R.T. 0.241 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

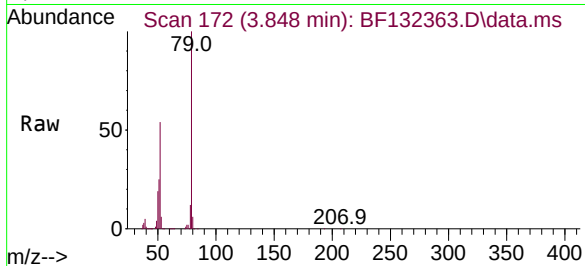
Tgt Ion: 88 Resp: 210073
Ion Ratio Lower Upper
88 100
58 58.6 50.2 75.2
43 18.6 16.9 25.3





#3
Pyridine
Concen: 31.316 ng
RT: 3.848 min Scan# 11
Delta R.T. 0.147 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

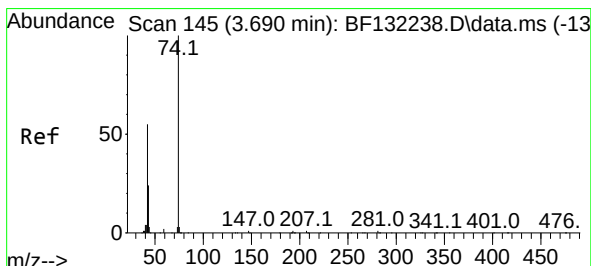
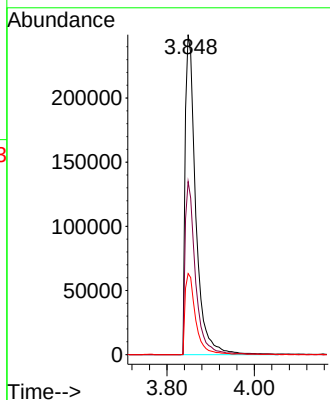
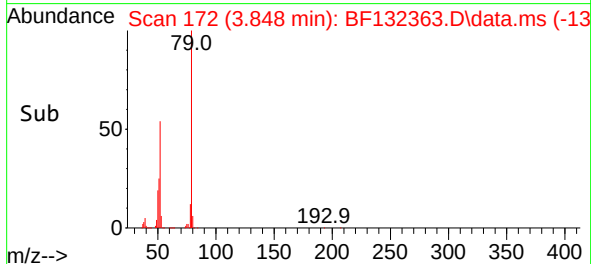


Tgt Ion: 79 Resp: 419048
Ion Ratio Lower Upper
79 100
52 54.1 45.6 68.4
51 25.4 21.5 32.3

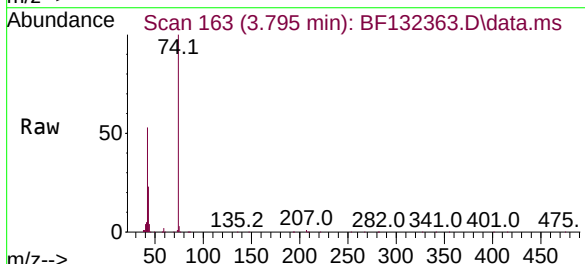
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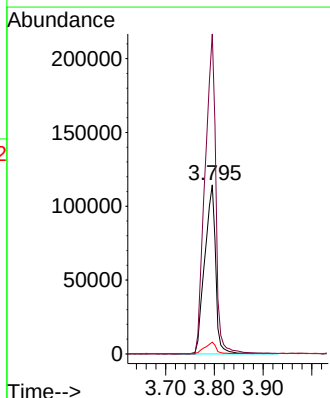
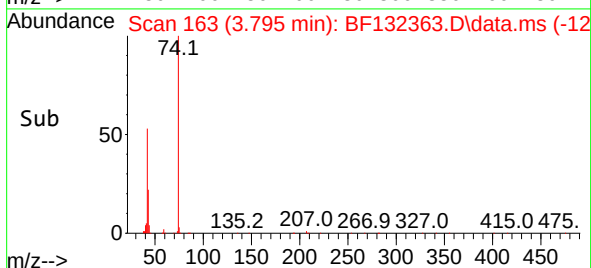
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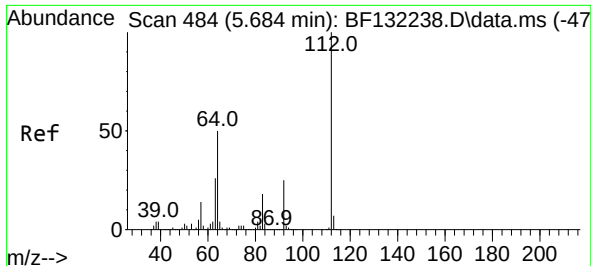


#4
n-Nitrosodimethylamine
Concen: 41.955 ng
RT: 3.795 min Scan# 163
Delta R.T. 0.129 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32



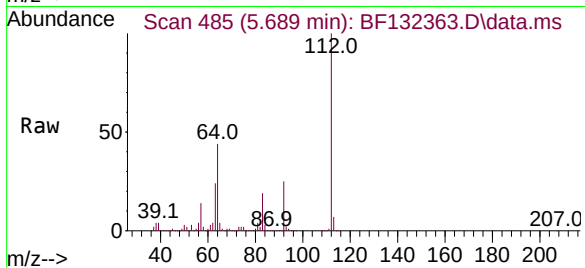
Tgt Ion: 42 Resp: 179642
Ion Ratio Lower Upper
42 100
74 189.2 144.6 217.0
44 7.0 5.1 7.7





#5
2-Fluorophenol
Concen: 127.875 ng
RT: 5.689 min Scan# 484
Delta R.T. 0.029 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

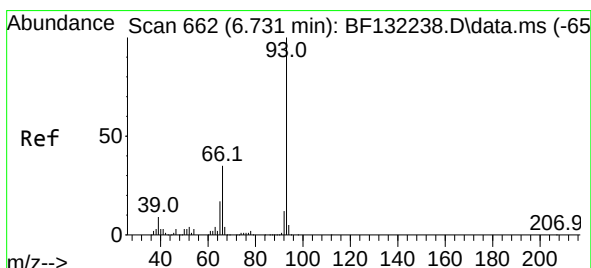
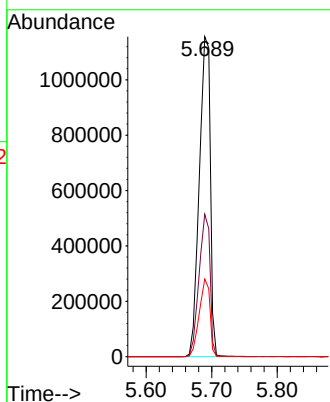
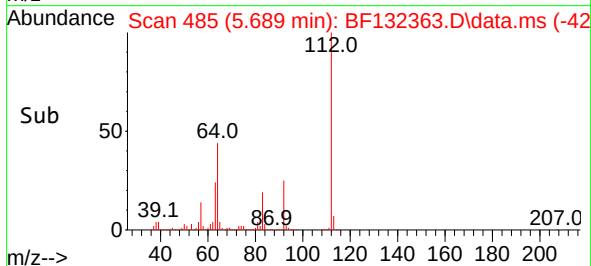


Tgt Ion:112 Resp: 1340469
Ion Ratio Lower Upper
112 100
64 44.5 40.0 60.0
63 24.2 20.5 30.7

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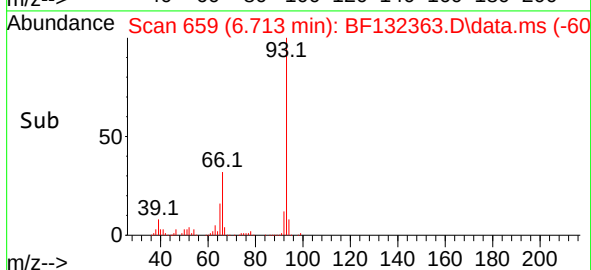
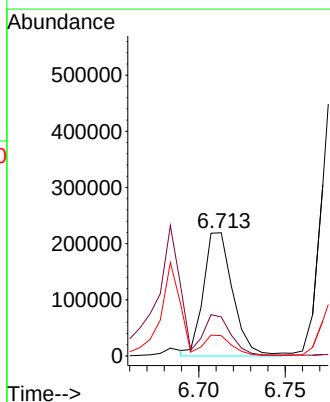
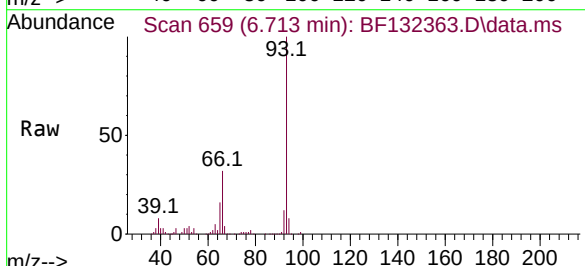
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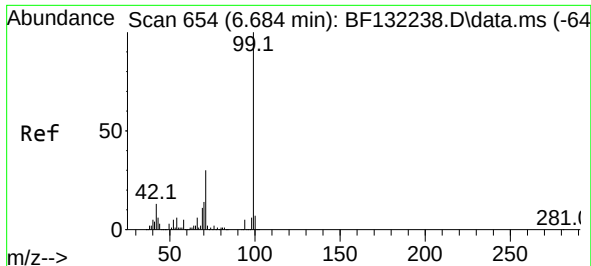
Supervised By :Jagrut
Upadhyay
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#6
Aniline
Concen: 14.838 ng m
RT: 6.713 min Scan# 659
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

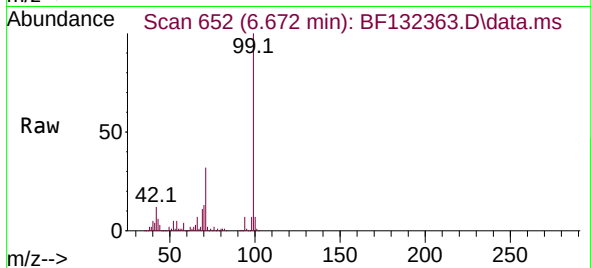
Tgt Ion: 93 Resp: 260225
Ion Ratio Lower Upper
93 100
66 31.7 28.8 43.2
65 16.4 14.2 21.4





#7
Phenol-d6
Concen: 118.995 ng
RT: 6.672 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132363.D
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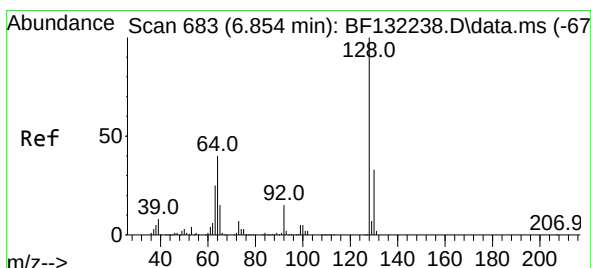
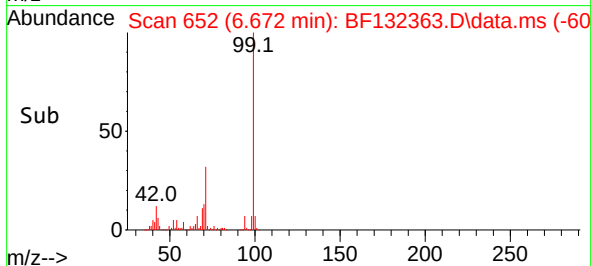
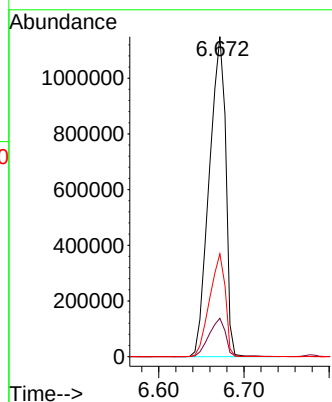


Tgt Ion: 99 Resp: 1537854
Ion Ratio Lower Upper
99 100
42 12.0 10.1 15.1
71 32.1 24.2 36.4

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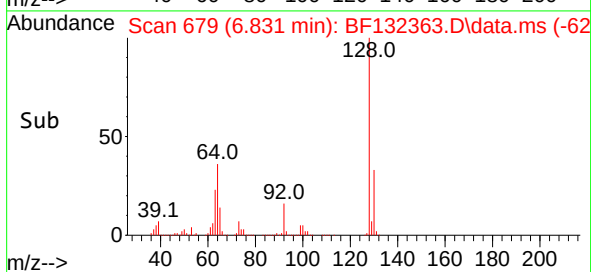
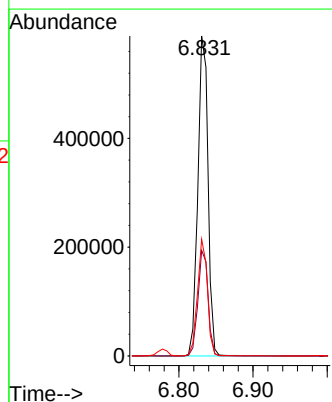
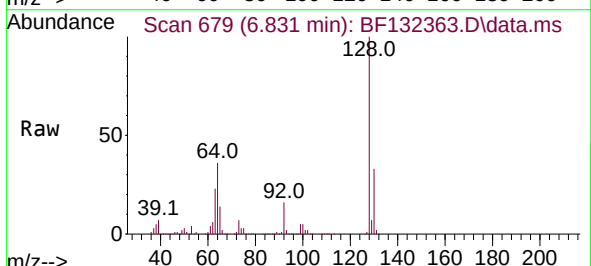
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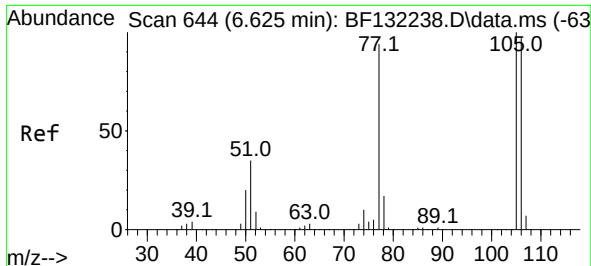
Supervised By :Jagrut
Upadhyay
02/09/2023



#8
2-Chlorophenol
Concen: 51.873 ng
RT: 6.831 min Scan# 679
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

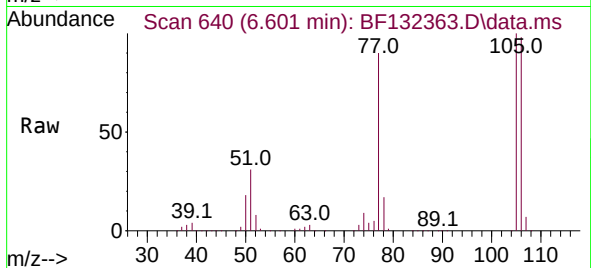
Tgt Ion:128 Resp: 563186
Ion Ratio Lower Upper
128 100
130 32.9 13.3 53.3
64 36.5 20.1 60.1





#9
Benzaldehyde
Concen: 18.950 ng
RT: 6.601 min Scan# 64
Delta R.T. -0.000 min
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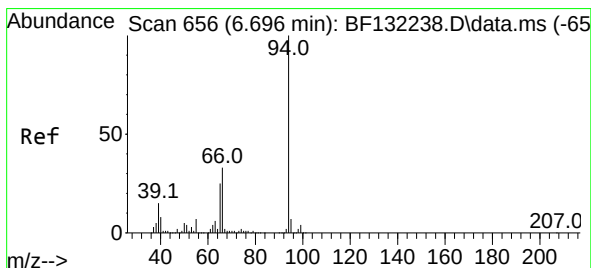
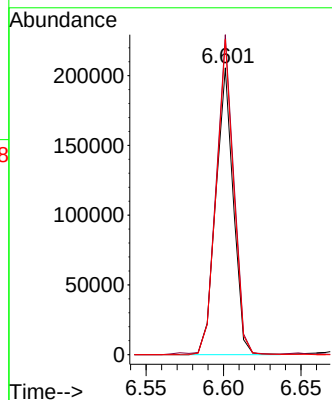


Tgt Ion: 77 Resp: 162012
Ion Ratio Lower Upper
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105 111.6 86.8 126.8
106 109.9 83.8 123.8

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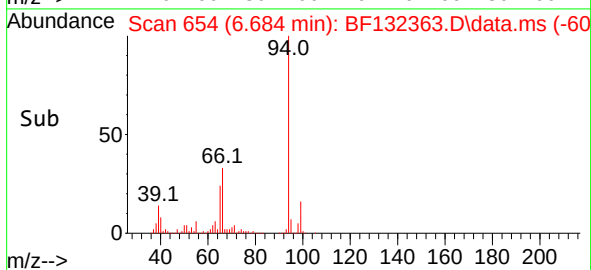
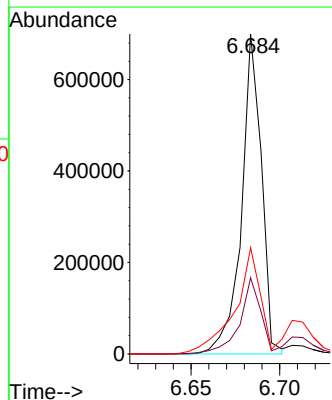
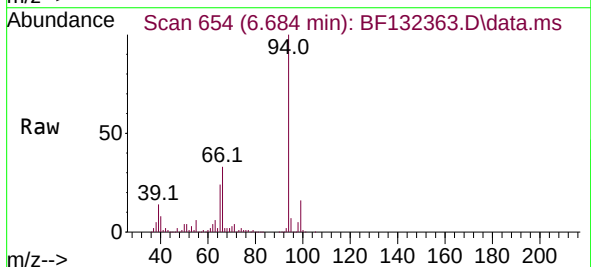
Reviewed By :Christian
Giraldo
02/09/2023

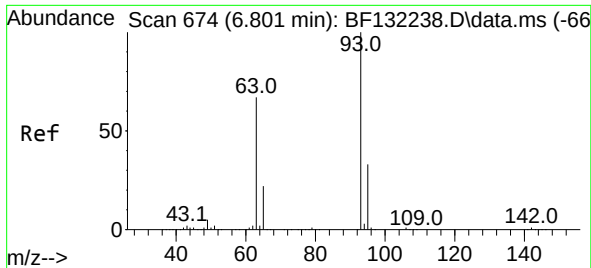
Supervised By :Jagrut
Upadhyay
02/09/2023



#10
Phenol
Concen: 40.659 ng m
RT: 6.684 min Scan# 654
Delta R.T. 0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Tgt Ion: 94 Resp: 543871
Ion Ratio Lower Upper
94 100
65 23.8 5.1 45.1
66 33.2 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 48.272 ng
RT: 6.778 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

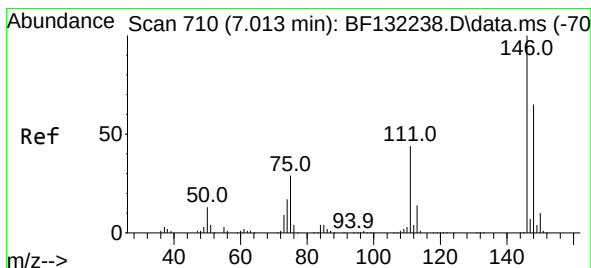
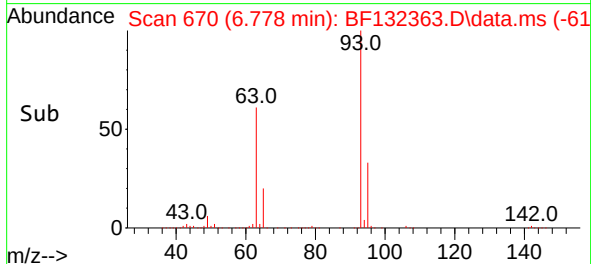
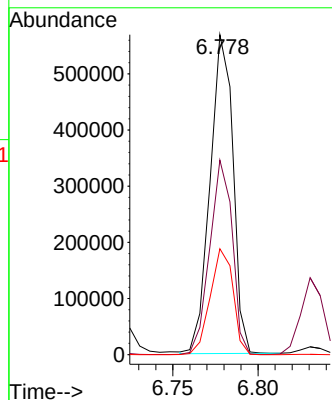
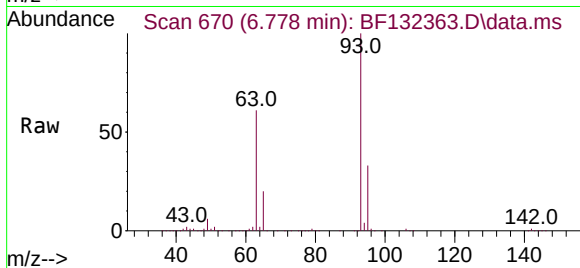
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

Tgt Ion: 93 Resp: 531423
Ion Ratio Lower Upper
93 100
63 60.8 46.7 86.7
95 33.1 13.4 53.4

Manual Integrations
APPROVED

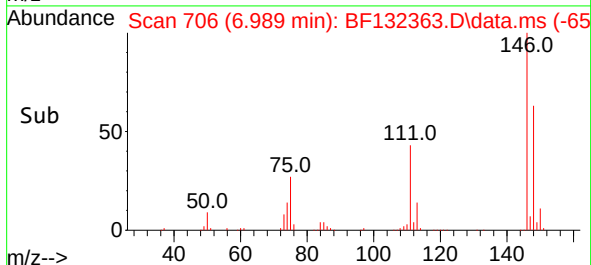
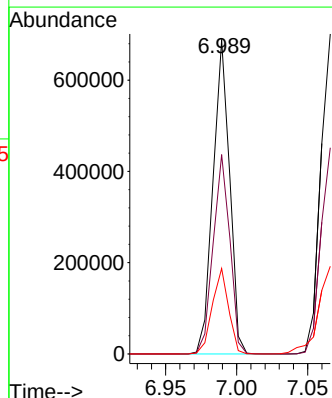
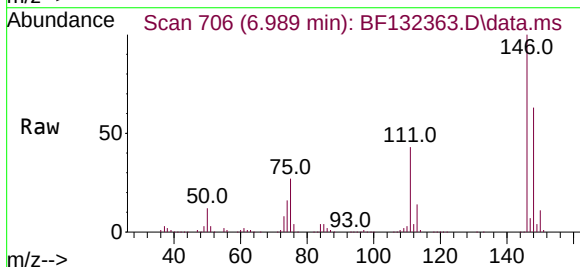
Reviewed By :Christian
Giraldo
02/09/2023

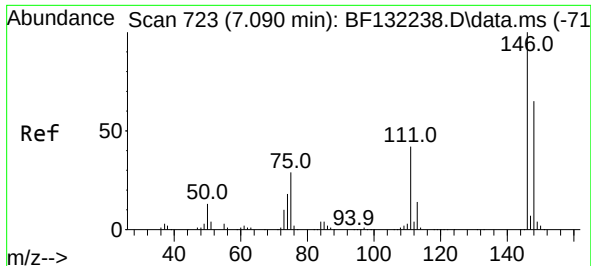
Supervised By :Jagrut
Upadhyay
02/09/2023



#12
1,3-Dichlorobenzene
Concen: 48.699 ng
RT: 6.989 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

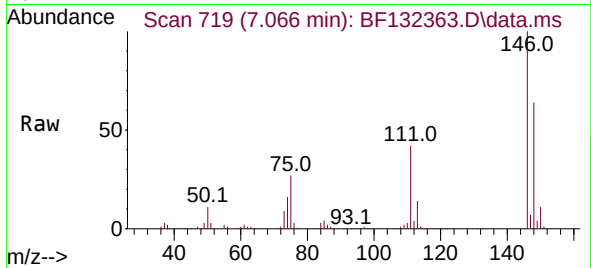
Tgt Ion:146 Resp: 559200
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 27.2 23.5 35.3





#13
1,4-Dichlorobenzene
Concen: 49.139 ng
RT: 7.066 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

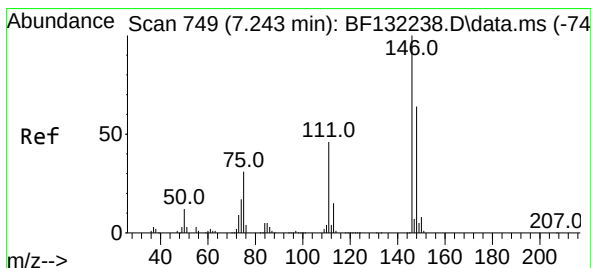
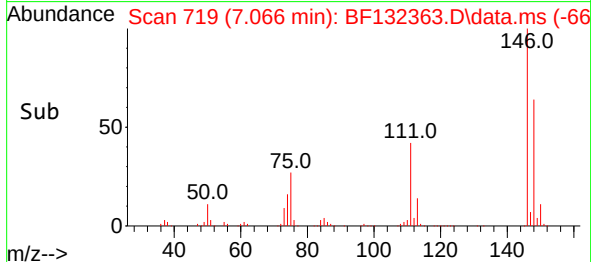
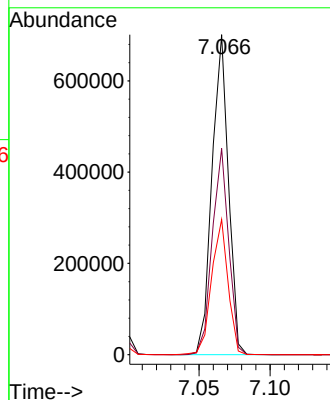


Tgt Ion:146 Resp: 563245
Ion Ratio Lower Upper
146 100
148 64.4 52.4 78.6
111 42.2 34.0 51.0

Manual Integrations
APPROVED

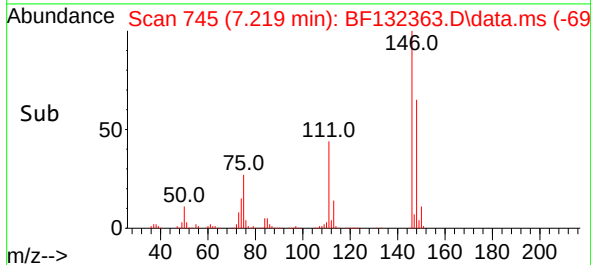
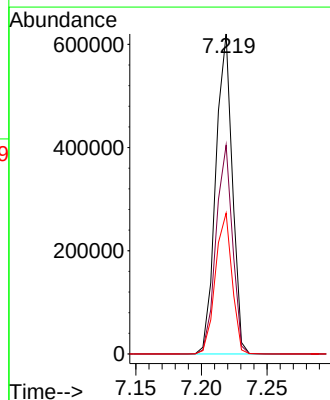
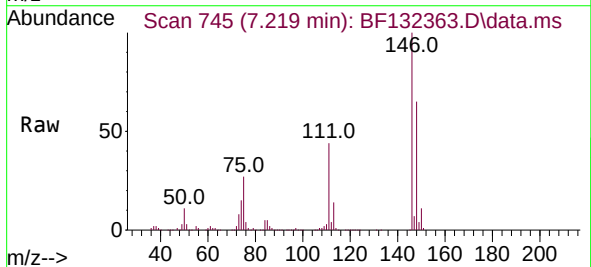
Reviewed By :Christian
Giraldo
02/09/2023

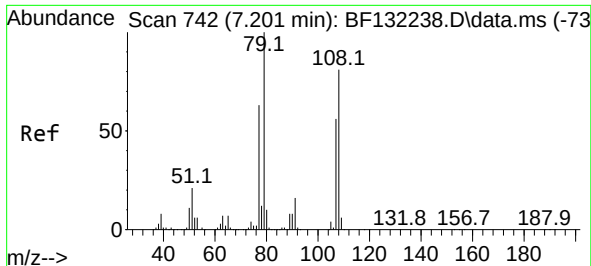
Supervised By :Jagrut
Upadhyay
02/09/2023



#14
1,2-Dichlorobenzene
Concen: 51.026 ng
RT: 7.219 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Tgt Ion:146 Resp: 545444
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
111 44.0 37.1 55.7





#15

Benzyl Alcohol

Concen: 45.728 ng

RT: 7.183 min Scan# 742

Delta R.T. -0.000 min

Lab File: BF132363.D

Acq: 08 Feb 2023 18:32

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MS

Tgt Ion: 79 Resp: 431214

Ion	Ratio	Lower	Upper
79	100		
108	85.1	64.6	97.0
77	62.0	50.1	75.1

Manual Integrations
APPROVED

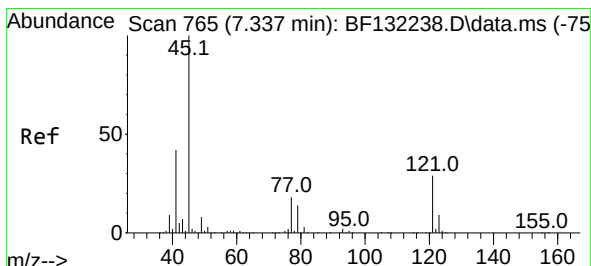
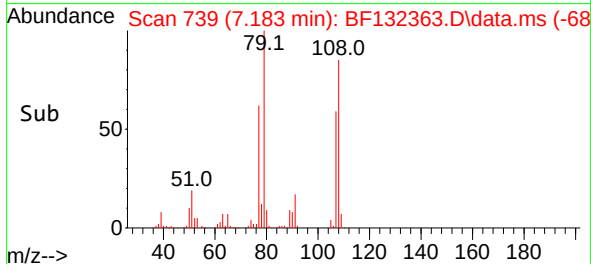
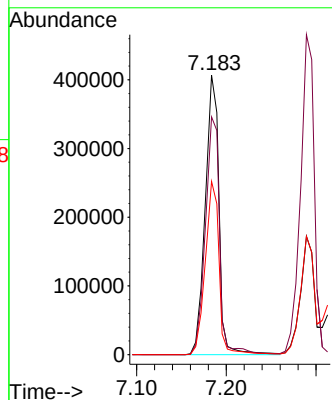
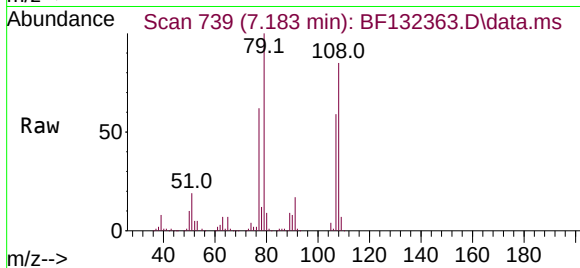
Reviewed By :Christian
Giraldo

02/09/2023

Supervised By :Jagrut

Upadhyay

02/09/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.881 ng

RT: 7.313 min Scan# 761

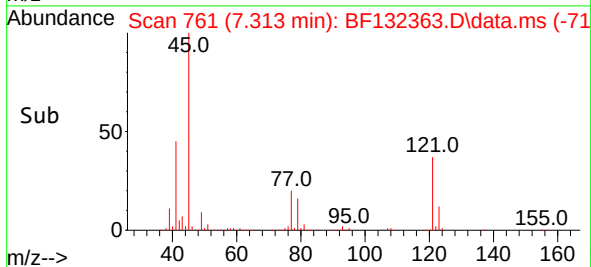
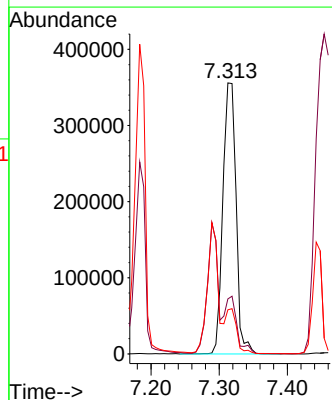
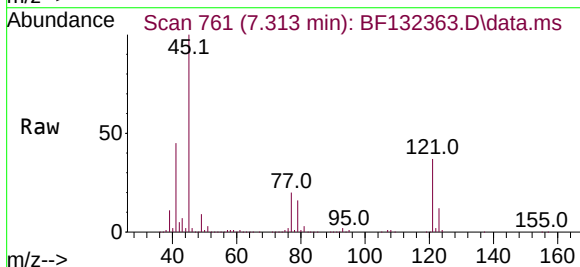
Delta R.T. -0.006 min

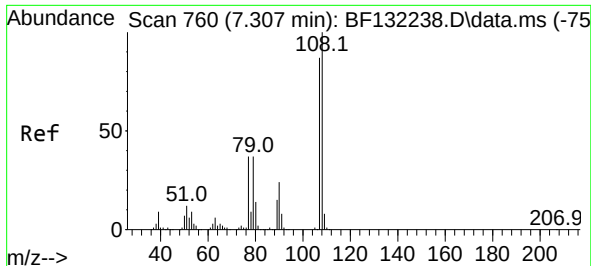
Lab File: BF132363.D

Acq: 08 Feb 2023 18:32

Tgt Ion: 45 Resp: 474171

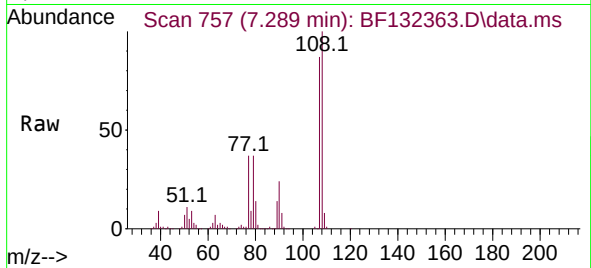
Ion	Ratio	Lower	Upper
45	100		
77	20.3	0.0	38.0
79	16.3	0.0	33.8





#17
2-Methylphenol
Concen: 45.107 ng
RT: 7.289 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

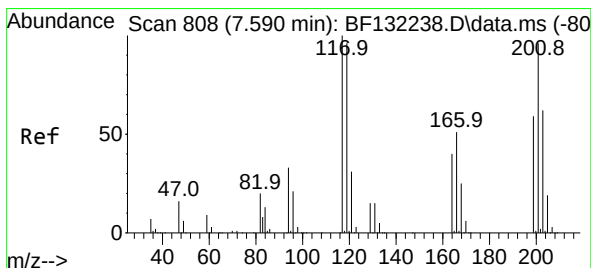
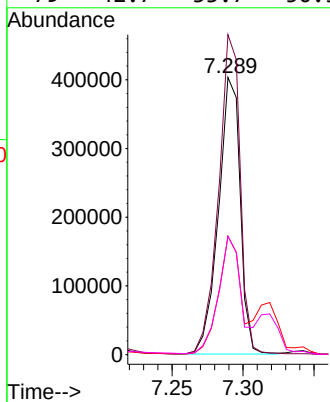
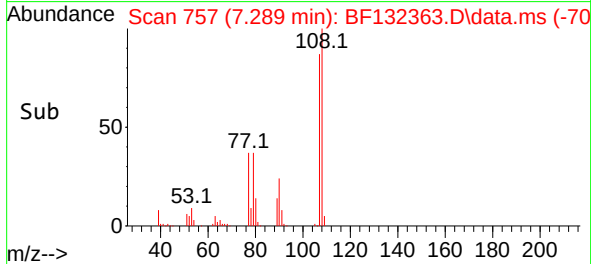


Tgt Ion:107 Resp: 42868
Ion Ratio Lower Upper
107 100
108 115.4 91.8 137.6
77 42.7 34.2 51.2
79 42.7 33.7 50.5

Manual Integrations
APPROVED

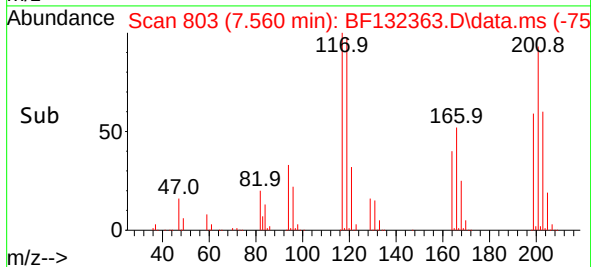
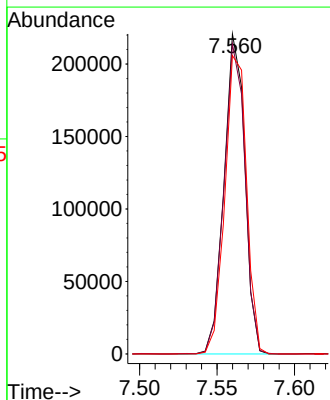
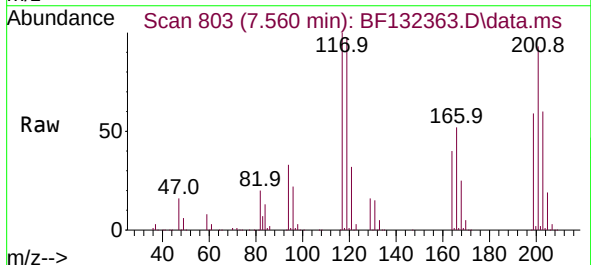
Reviewed By :Christian
Giraldo
02/09/2023

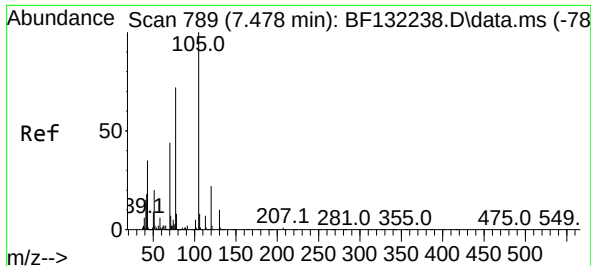
Supervised By :Jagrut
Upadhyay
02/09/2023



#18
Hexachloroethane
Concen: 47.873 ng
RT: 7.560 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

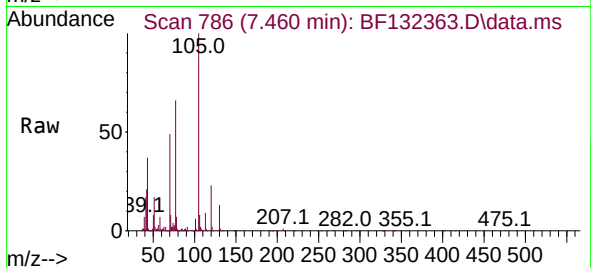
Tgt Ion:117 Resp: 205849
Ion Ratio Lower Upper
117 100
119 96.8 76.7 115.1
201 93.2 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.040 ng
RT: 7.460 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

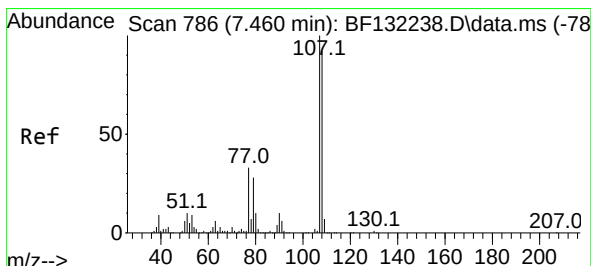
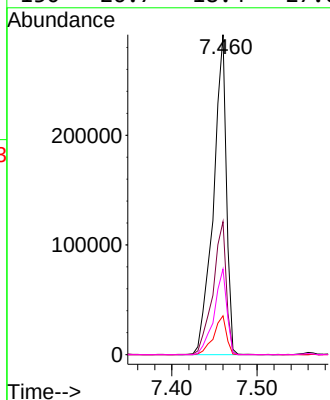
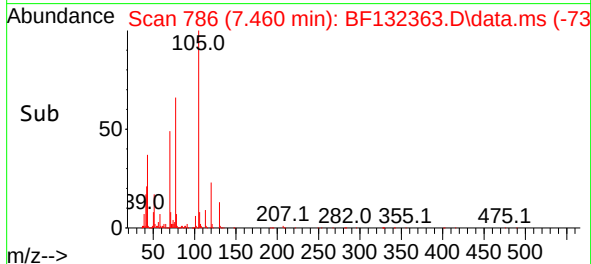
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



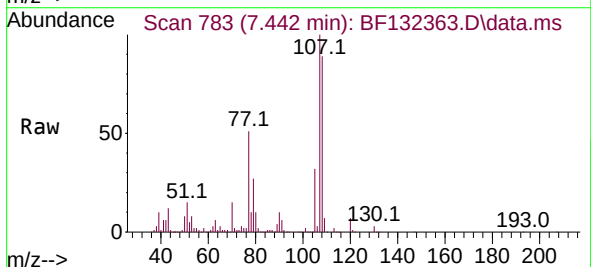
Tgt Ion: 70 Resp: 308612
Ion Ratio Lower Upper
70 100
42 41.5 33.4 50.0
101 12.1 8.2 12.4
130 26.7 18.4 27.6

Manual Integrations
APPROVED

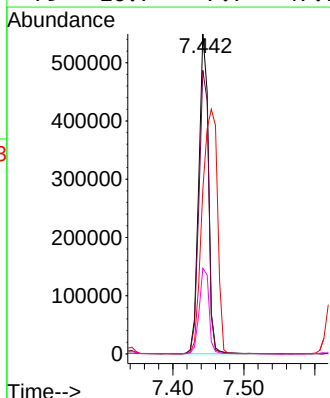
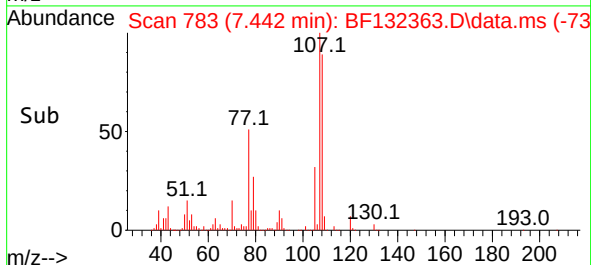
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023

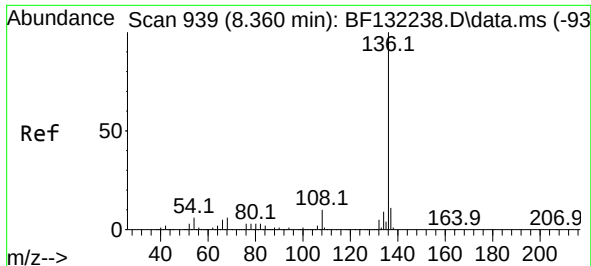


#20
3+4-Methylphenols
Concen: 42.244 ng
RT: 7.442 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32



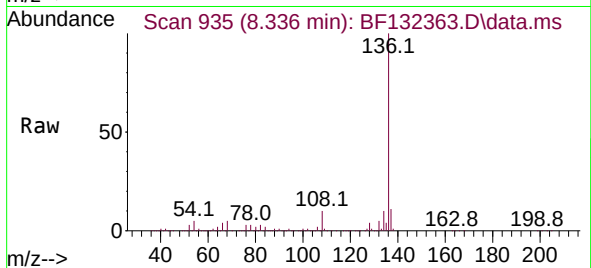
Tgt Ion:107 Resp: 512422
Ion Ratio Lower Upper
107 100
108 88.6 71.6 111.6
77 51.4 13.4 53.4
79 26.7 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 939
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

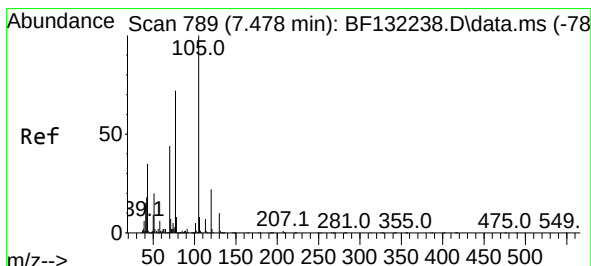
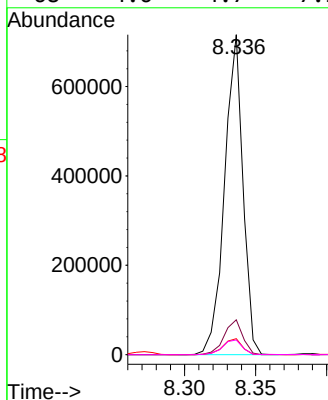
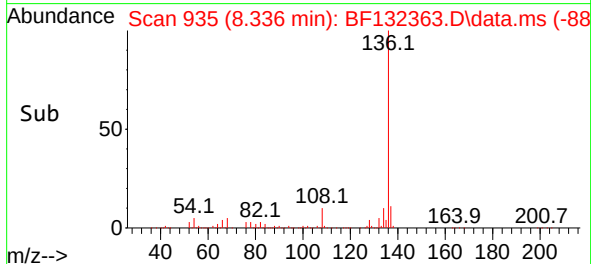


Tgt Ion:136 Resp: 644463
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.0 4.9 7.3
68 4.6 4.7 7.1

Manual Integrations
APPROVED

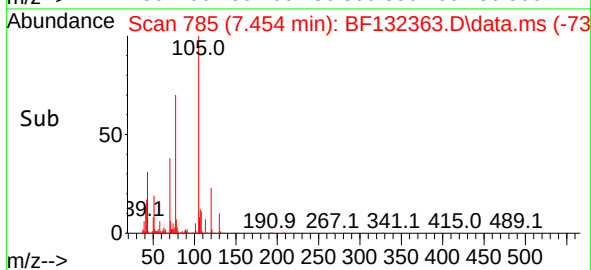
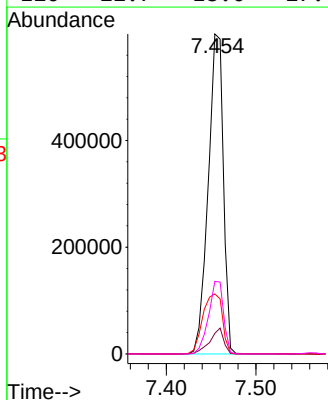
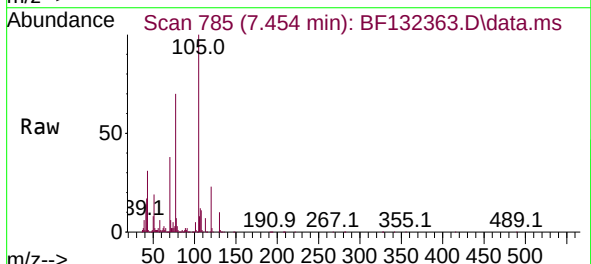
Reviewed By :Christian
Giraldo
02/09/2023

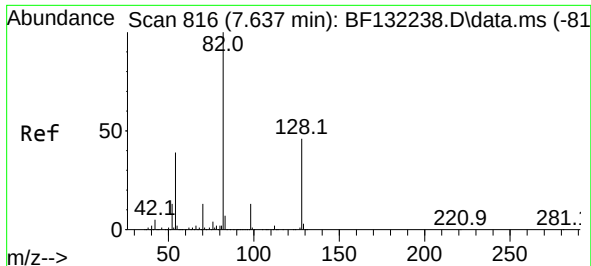
Supervised By :Jagrut
Upadhyay
02/09/2023



#22
Acetophenone
Concen: 46.736 ng
RT: 7.454 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

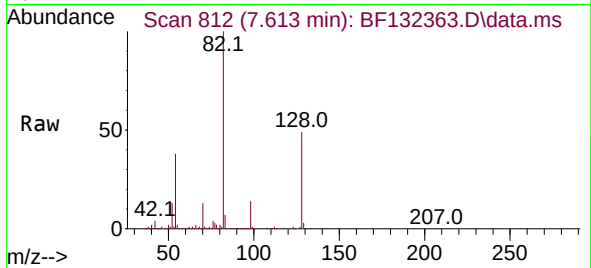
Tgt Ion:105 Resp: 708322
Ion Ratio Lower Upper
105 100
71 6.4 5.8 8.6
51 18.7 16.2 24.2
120 22.7 18.0 27.0





#23
Nitrobenzene-d5
Concen: 90.832 ng
RT: 7.613 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

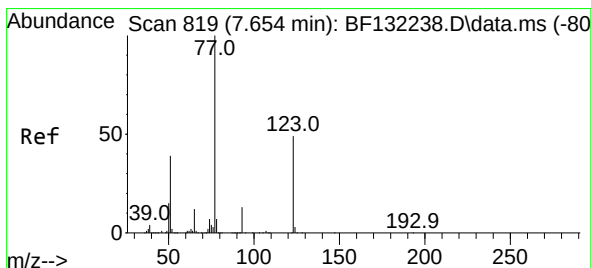
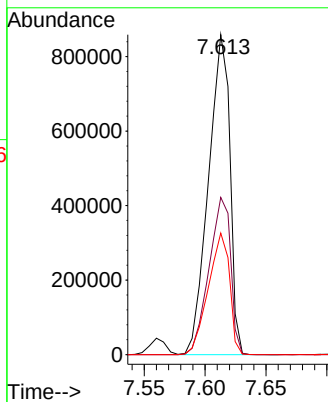
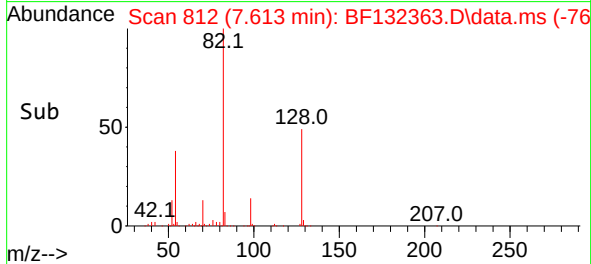
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



Tgt Ion: 82 Resp: 1051946
Ion Ratio Lower Upper
82 100
128 49.1 37.0 55.4
54 38.0 31.5 47.3

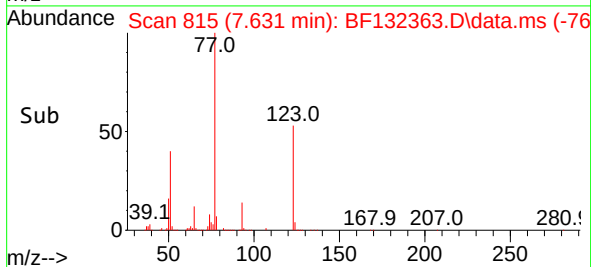
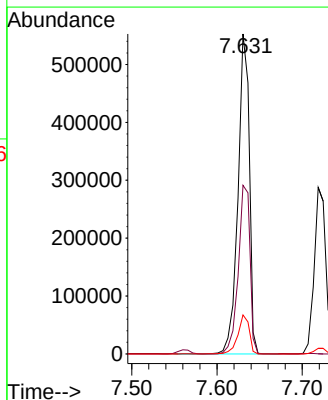
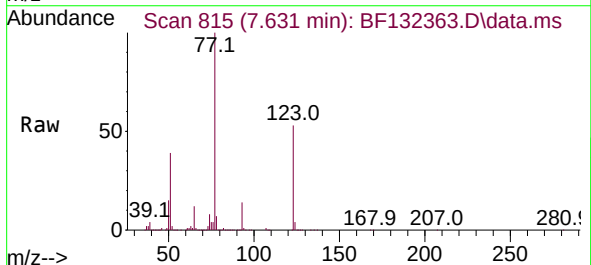
Manual Integrations
APPROVED

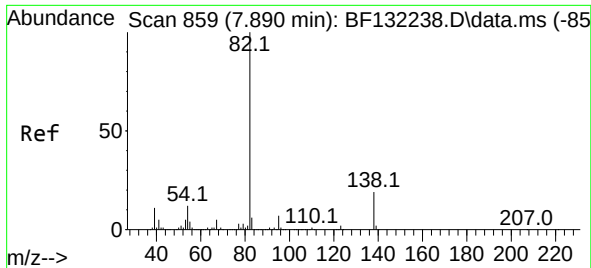
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023



#24
Nitrobenzene
Concen: 43.305 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

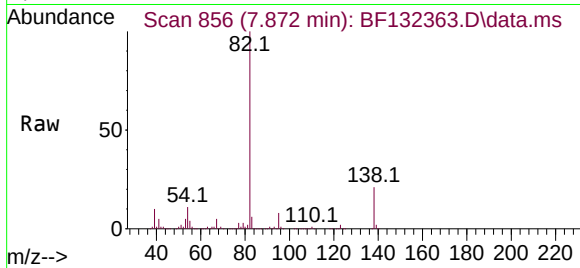
Tgt Ion: 77 Resp: 512367
Ion Ratio Lower Upper
77 100
123 52.7 39.5 59.3
65 12.2 9.8 14.8





#25
Isophorone
Concen: 44.273 ng
RT: 7.872 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

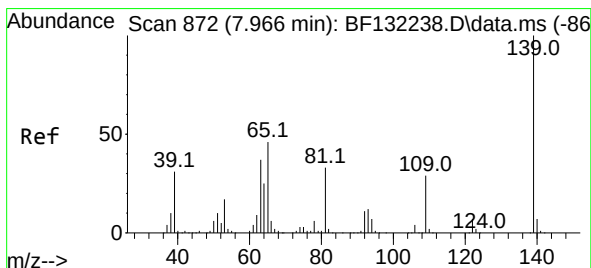
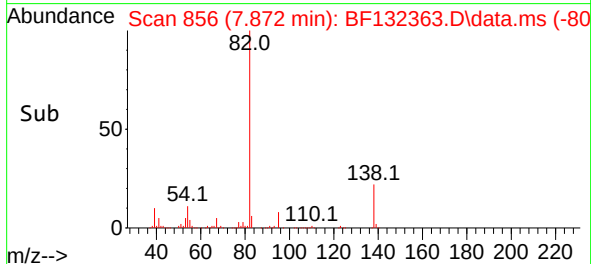
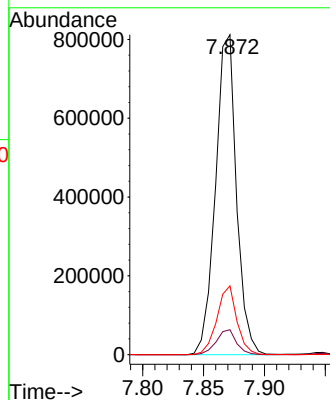
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



Tgt Ion: 82 Resp: 973164
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 21.5 15.0 22.6

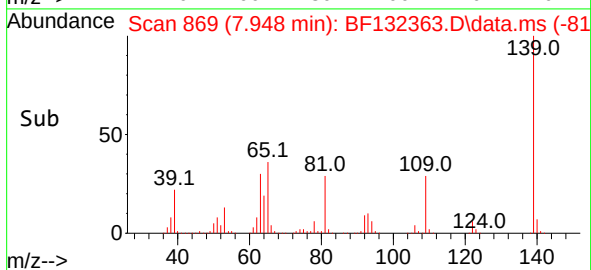
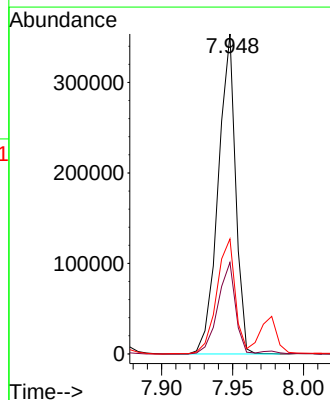
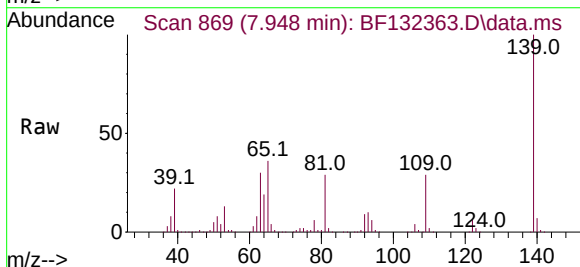
Manual Integrations
APPROVED

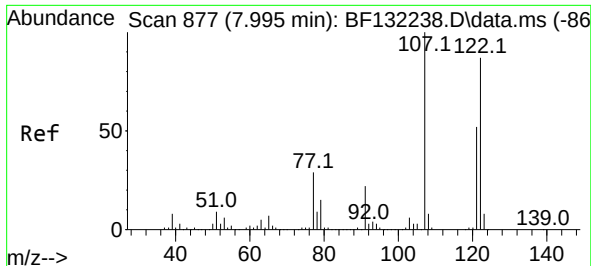
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023



#26
2-Nitrophenol
Concen: 52.528 ng
RT: 7.948 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Tgt Ion:139 Resp: 302719
Ion Ratio Lower Upper
139 100
109 28.6 23.0 34.6
65 35.9 36.6 55.0#





#27

2,4-Dimethylphenol

Concen: 48.880 ng

RT: 7.978 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF132363.D

Acq: 08 Feb 2023 18:32

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MS

Tgt Ion:122 Resp: 493068

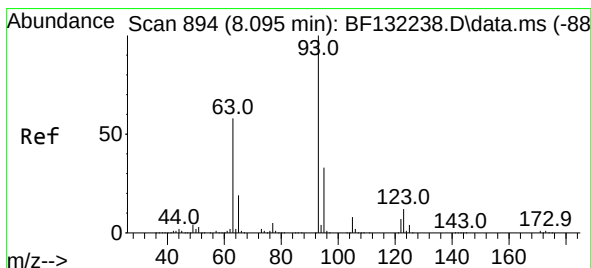
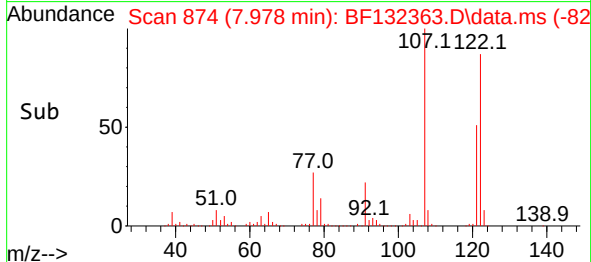
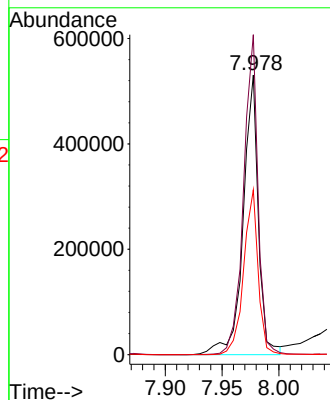
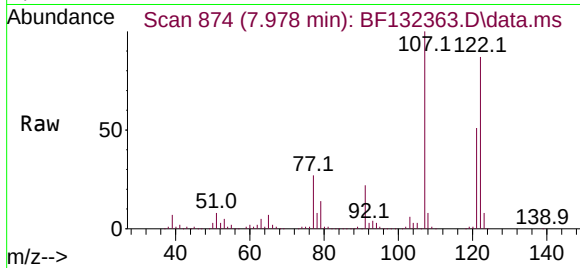
Ion	Ratio	Lower	Upper
122	100		
107	114.4	91.9	137.9
121	58.9	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

02/09/2023

Supervised By :Jagrut
Upadhyay
02/09/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.335 ng

RT: 8.072 min Scan# 890

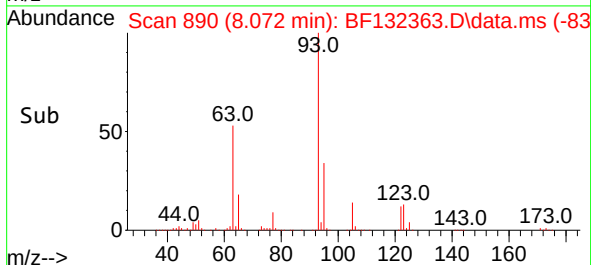
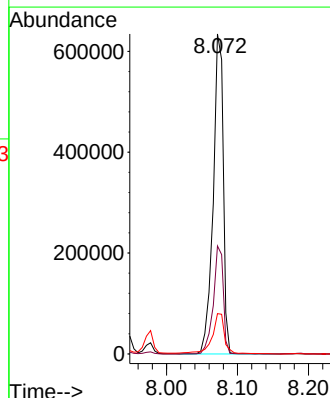
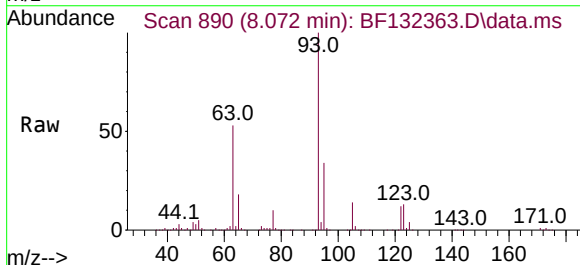
Delta R.T. -0.000 min

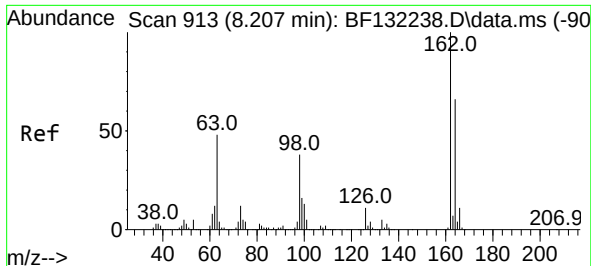
Lab File: BF132363.D

Acq: 08 Feb 2023 18:32

Tgt Ion: 93 Resp: 625901

Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.6	40.0
123	12.6	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 50.256 ng

RT: 8.189 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF132363.D

Acq: 08 Feb 2023 18:32

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MS

Tgt Ion:162 Resp: 450084

Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.4	86.4
98	34.8	17.8	57.8

Manual Integrations
APPROVED

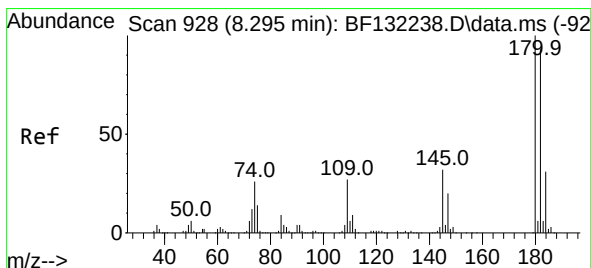
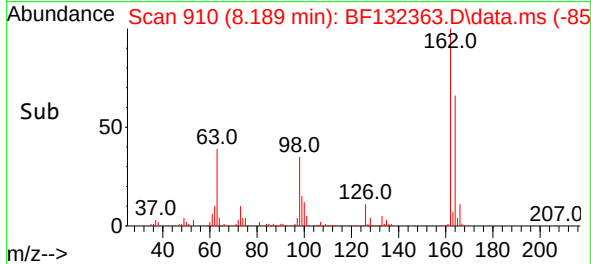
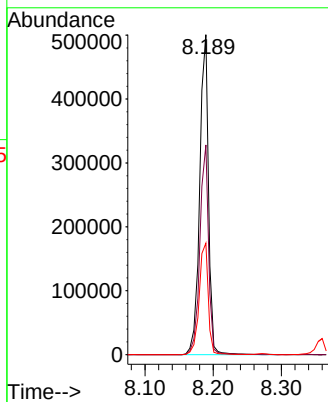
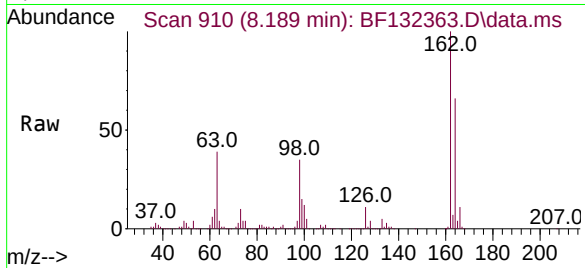
Reviewed By :Christian
Giraldo

02/09/2023

Supervised By :Jagrut

Upadhyay

02/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.695 ng

RT: 8.272 min Scan# 924

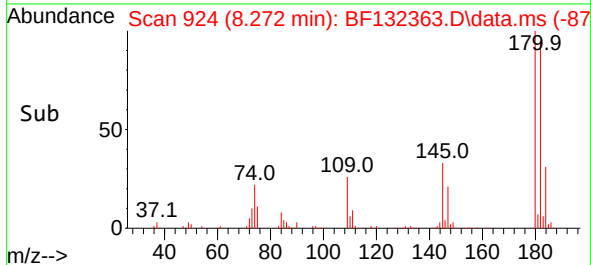
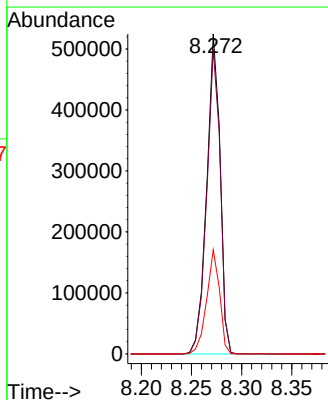
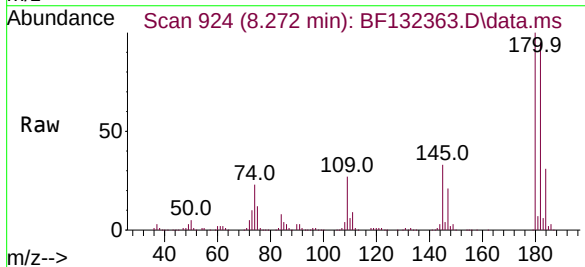
Delta R.T. -0.000 min

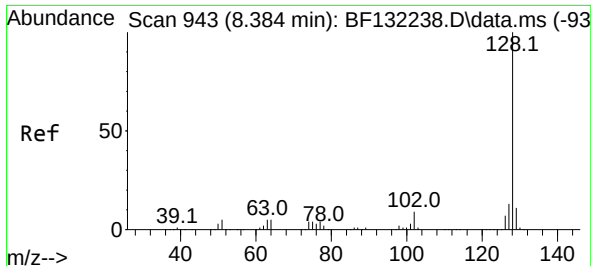
Lab File: BF132363.D

Acq: 08 Feb 2023 18:32

Tgt Ion:180 Resp: 486184

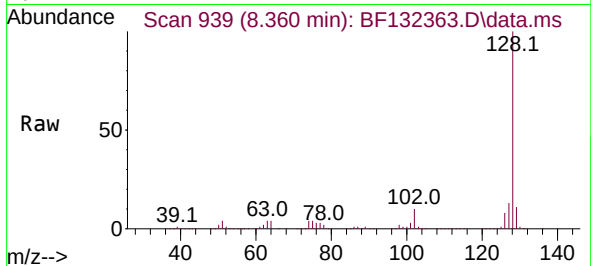
Ion	Ratio	Lower	Upper
180	100		
182	95.2	74.6	112.0
145	32.5	25.3	37.9





#31
Naphthalene
Concen: 46.711 ng
RT: 8.360 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

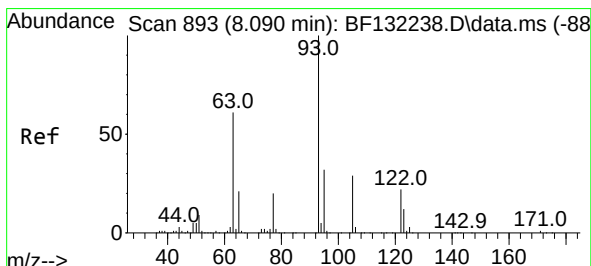
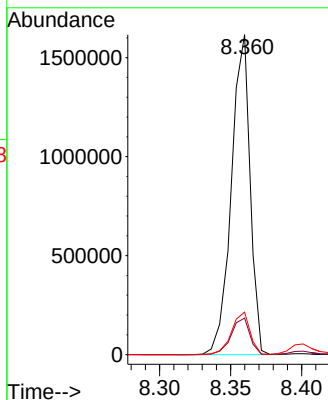
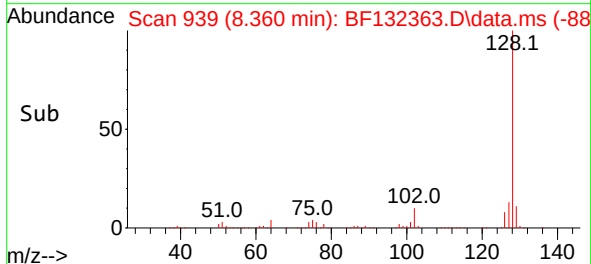


Tgt Ion:128 Resp: 148180
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.3 10.5 15.7

Manual Integrations
APPROVED

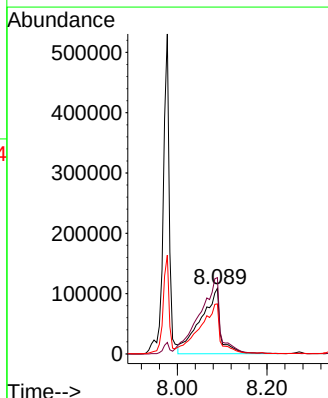
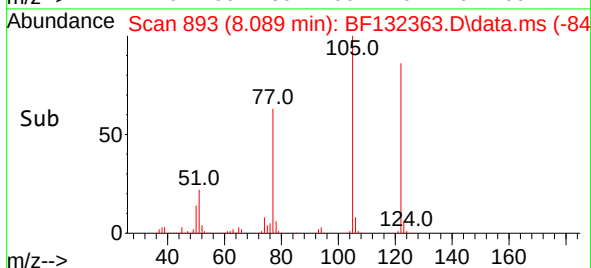
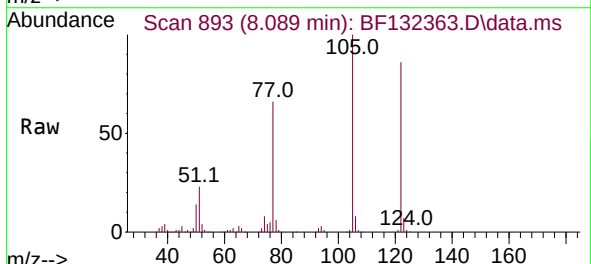
Reviewed By :Christian
Giraldo
02/09/2023

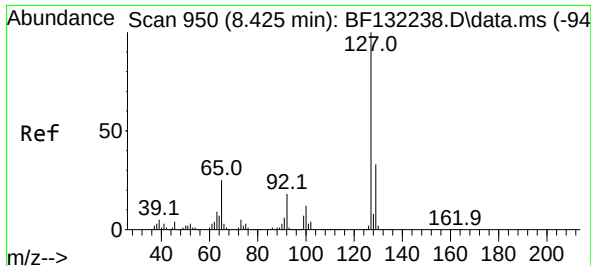
Supervised By :Jagrut
Upadhyay
02/09/2023



#32
Benzoic acid
Concen: 45.341 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

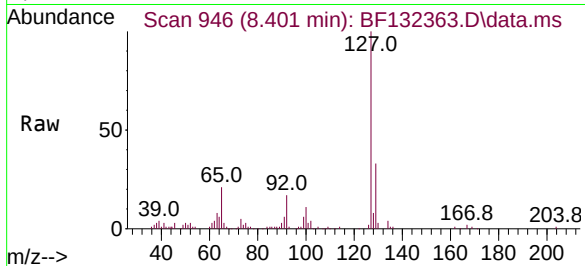
Tgt Ion:122 Resp: 338552
Ion Ratio Lower Upper
122 100
105 116.4 106.3 146.3
77 76.3 70.6 110.6





#33
4-Chloroaniline
Concen: 4.924 ng
RT: 8.401 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

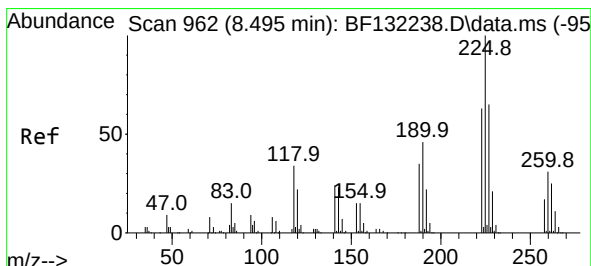
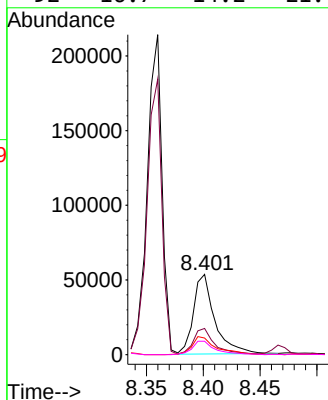
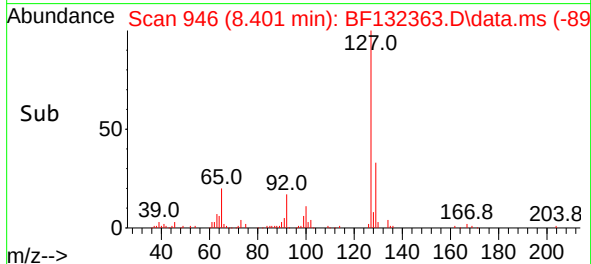


Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	20.7	20.2	30.2
92	16.7	14.2	21.4

Manual Integrations
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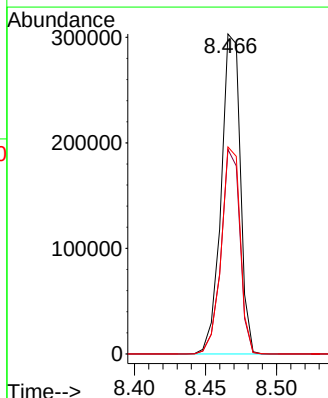
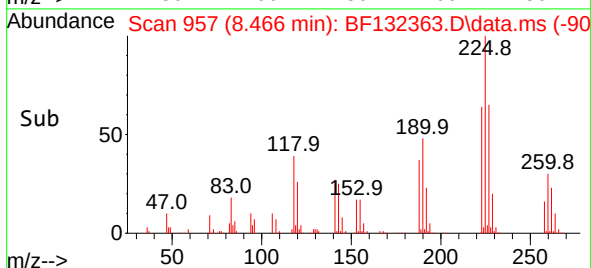
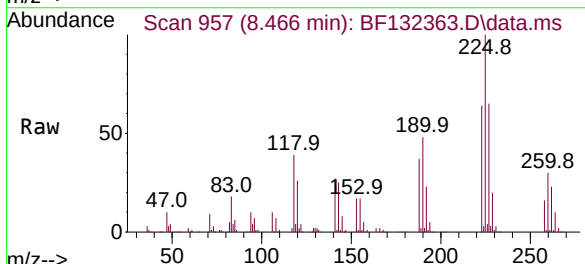
Reviewed By :Christian
Giraldo
02/09/2023

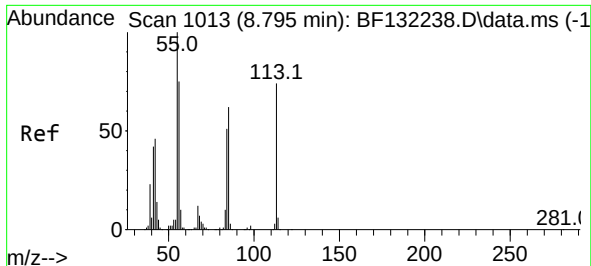
Supervised By :Jagrut
Upadhyay
02/09/2023



#34
Hexachlorobutadiene
Concen: 52.866 ng
RT: 8.466 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

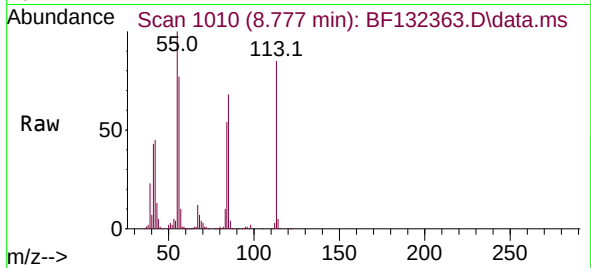
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	75.8
227	64.7	51.7	77.5





#35
Caprolactam
Concen: 41.712 ng m
RT: 8.777 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

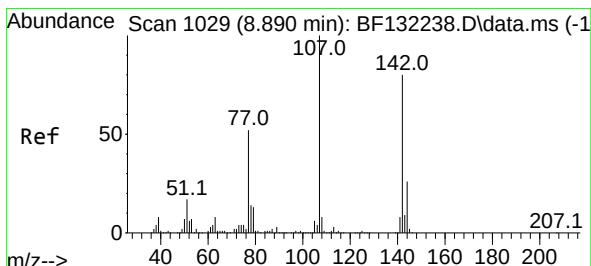
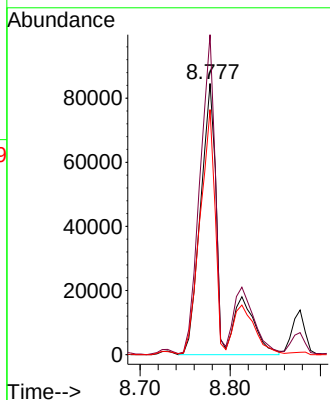
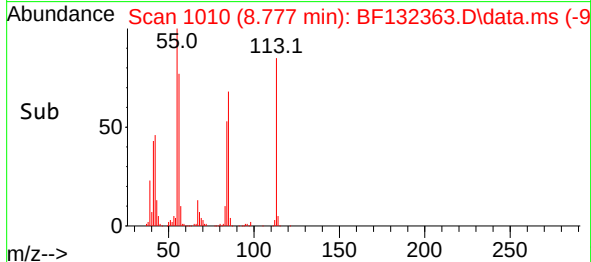
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



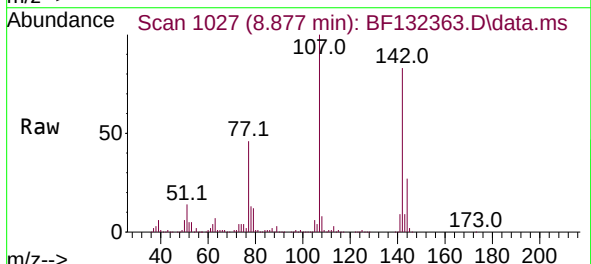
Tgt Ion:113 Resp: 127352
Ion Ratio Lower Upper
113 100
55 118.1 114.7 154.7
56 90.4 81.1 121.1

Manual Integrations
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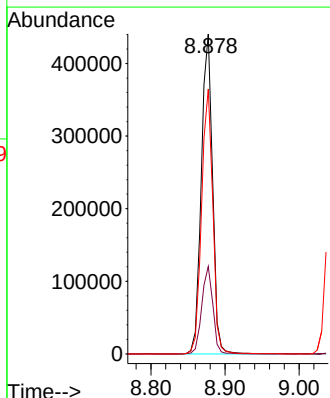
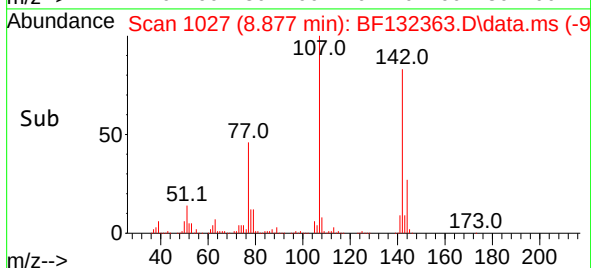
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023

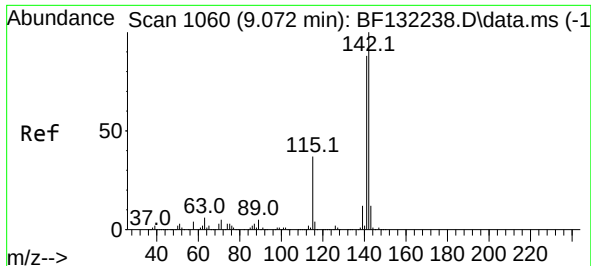


#36
4-Chloro-3-methylphenol
Concen: 48.072 ng
RT: 8.877 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32



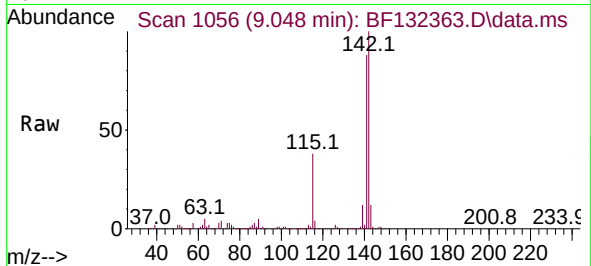
Tgt Ion:107 Resp: 463821
Ion Ratio Lower Upper
107 100
144 27.3 20.5 30.7
142 82.8 63.6 95.4





#37
2-Methylnaphthalene
Concen: 45.763 ng
RT: 9.048 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

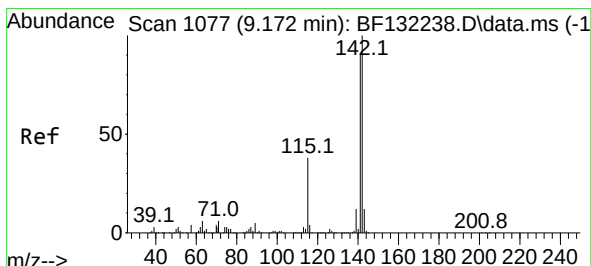
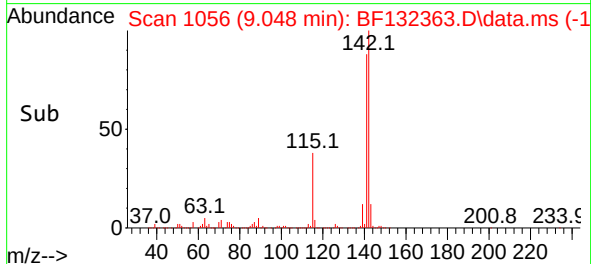
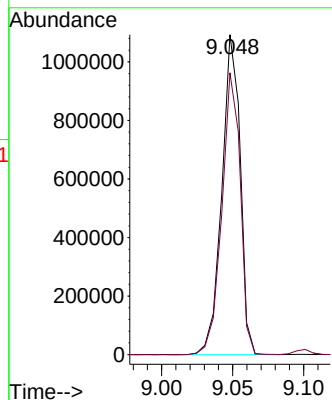
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



Tgt Ion:142 Resp: 98334
Ion Ratio Lower Upper
142 100
141 88.1 70.1 105.1

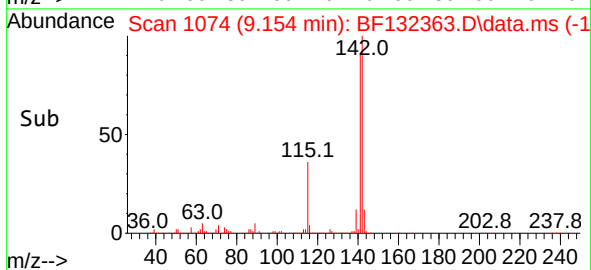
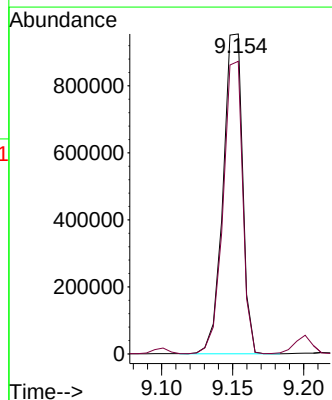
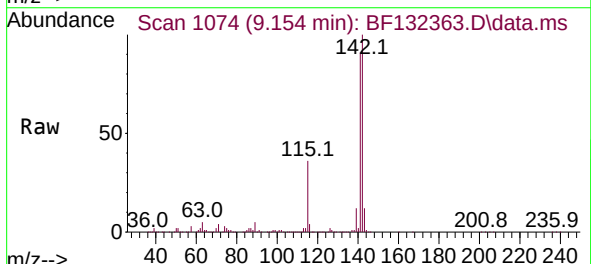
Manual Integrations
APPROVED

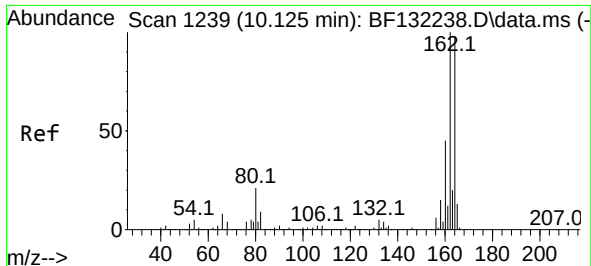
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023



#38
1-Methylnaphthalene
Concen: 45.893 ng
RT: 9.154 min Scan# 1074
Delta R.T. 0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

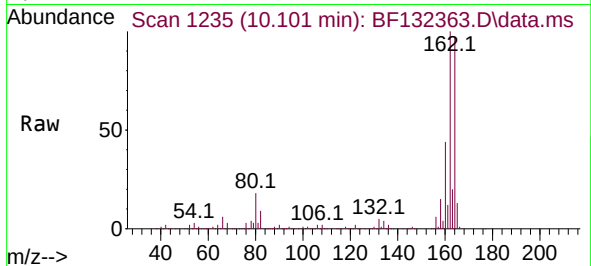
Tgt Ion:142 Resp: 916418
Ion Ratio Lower Upper
142 100
141 91.4 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

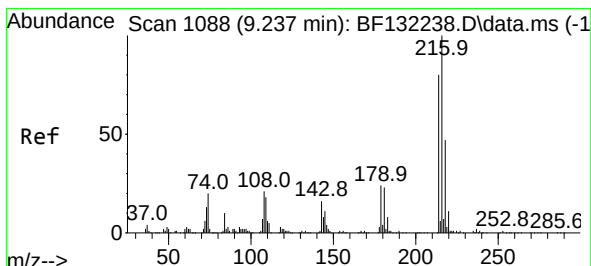
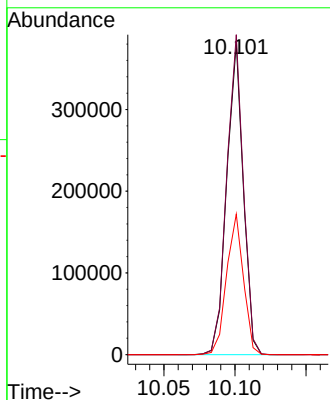
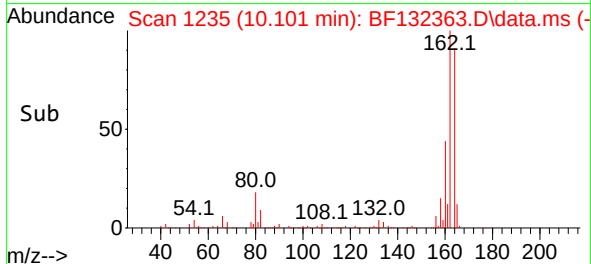


Tgt Ion:164 Resp: 308678
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 45.0 37.1 55.7

Manual Integrations
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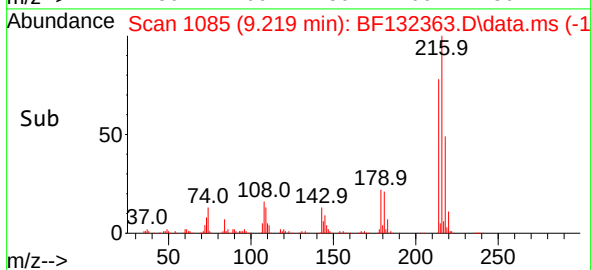
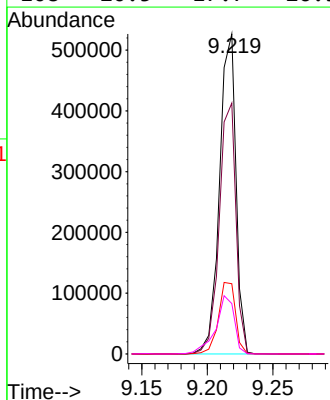
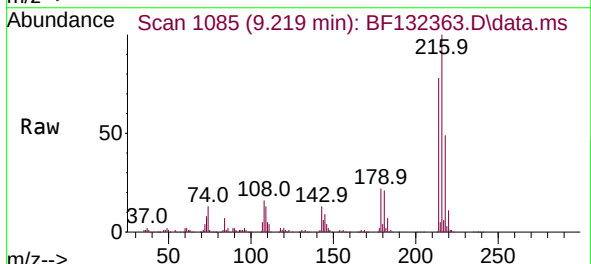
Reviewed By :Christian
Giraldo
02/09/2023

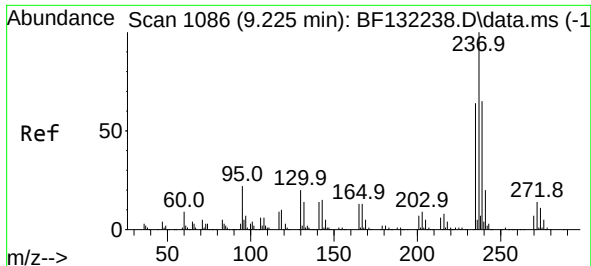
Supervised By :Jagrut
Upadhyay
02/09/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.010 ng
RT: 9.219 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

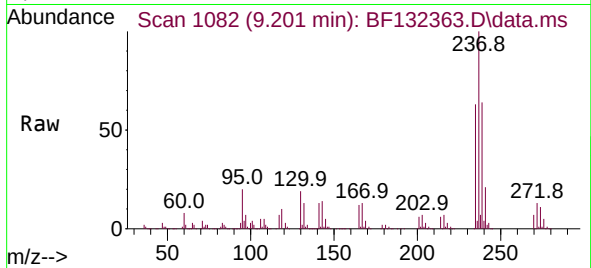
Tgt Ion:216 Resp: 460478
Ion Ratio Lower Upper
216 100
214 79.5 63.6 95.4
179 23.2 18.3 27.5
108 20.5 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 72.984 ng
RT: 9.201 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

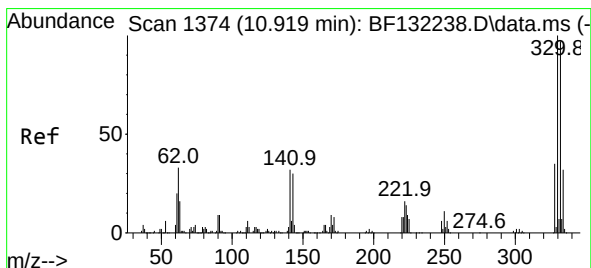
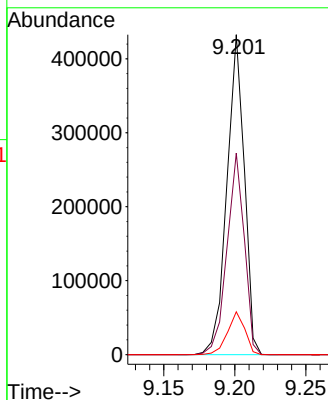
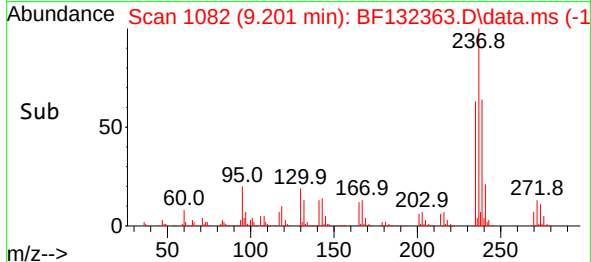
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



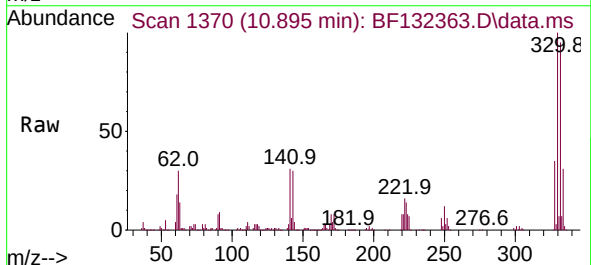
Tgt Ion:237 Resp: 369885
Ion Ratio Lower Upper
237 100
235 63.0 43.5 83.5
272 13.4 0.0 33.6

Manual Integrations
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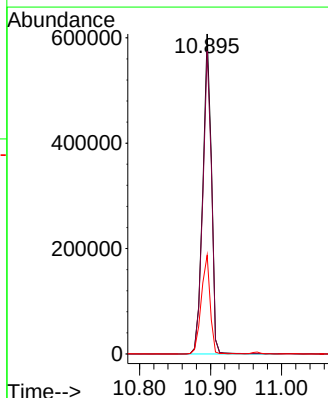
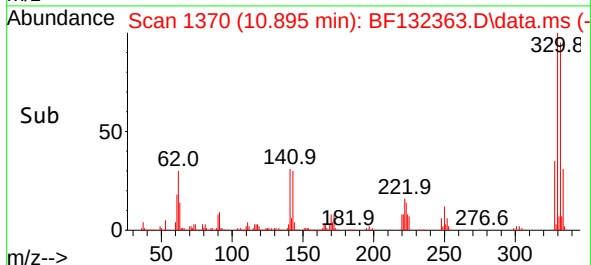
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023

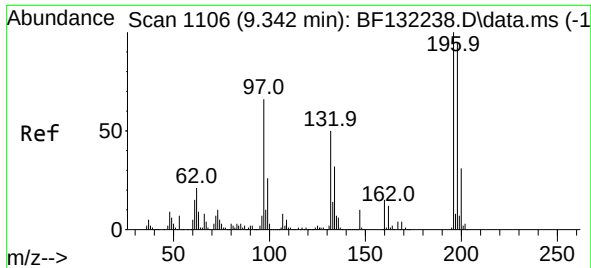


#42
2,4,6-Tribromophenol
Concen: 159.120 ng
RT: 10.895 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32



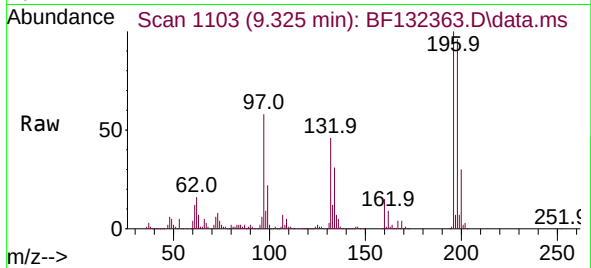
Tgt Ion:330 Resp: 505099
Ion Ratio Lower Upper
330 100
332 95.7 77.9 116.9
141 31.7 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 52.574 ng
RT: 9.325 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

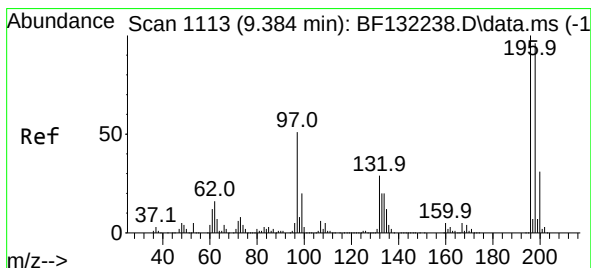
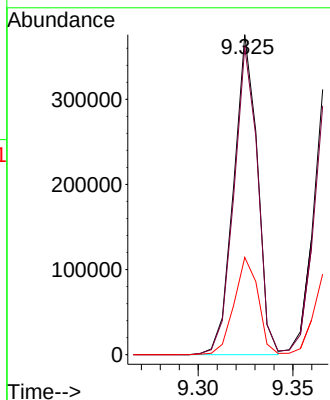
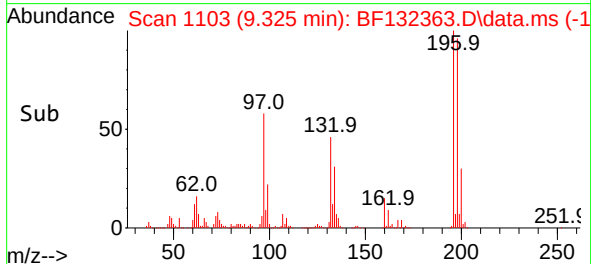
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



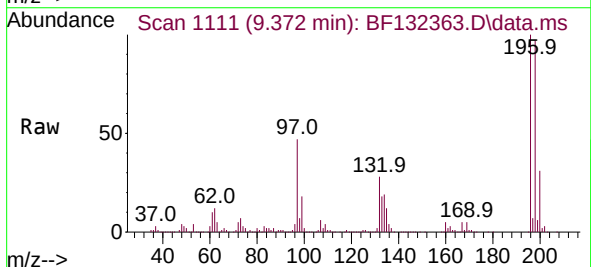
Tgt Ion:196 Resp: 326453
Ion Ratio Lower Upper
196 100
198 96.2 75.9 113.9
200 30.4 24.7 37.1

Manual Integrations
APPROVED

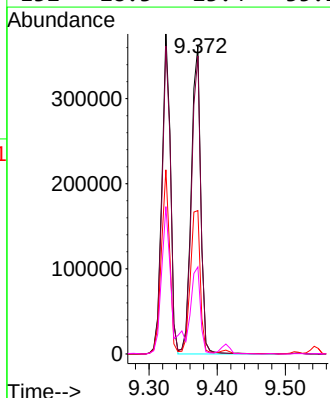
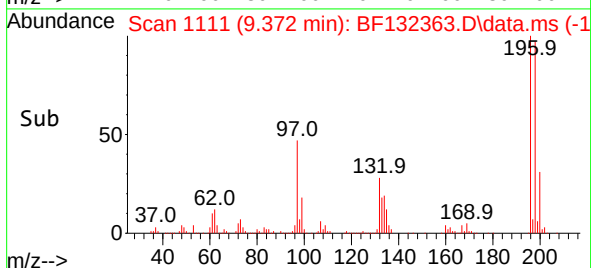
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023

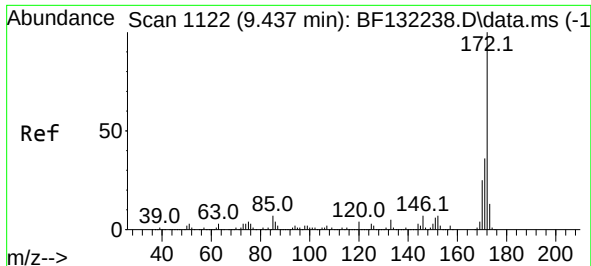


#44
2,4,5-Trichlorophenol
Concen: 49.021 ng
RT: 9.372 min Scan# 1111
Delta R.T. 0.012 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32



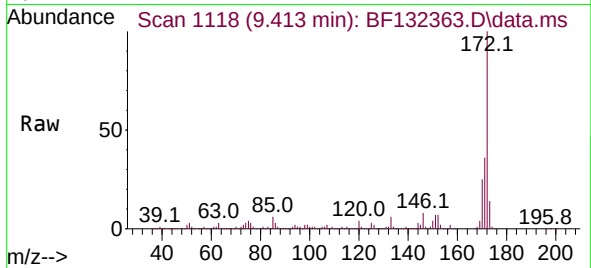
Tgt Ion:196 Resp: 350354
Ion Ratio Lower Upper
196 100
198 96.8 77.0 115.4
97 46.5 41.2 61.8
132 28.3 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 93.987 ng
RT: 9.413 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

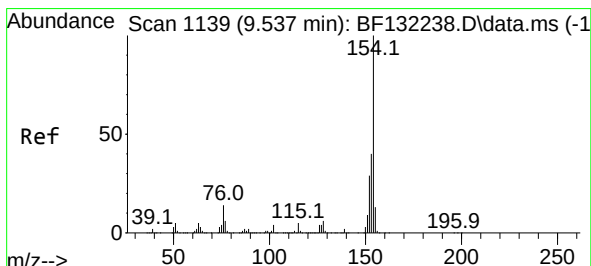
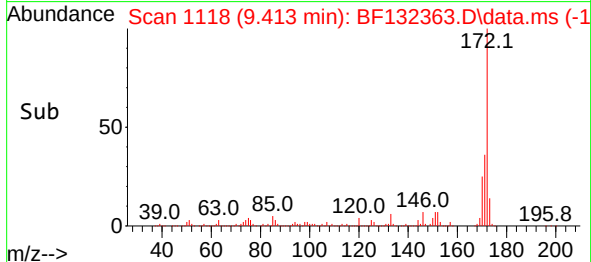
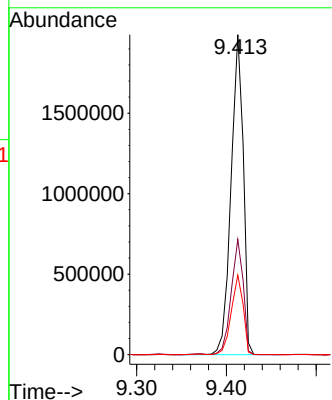


Tgt Ion:172 Resp: 1878686
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.8 19.7 29.5

Manual Integrations
APPROVED

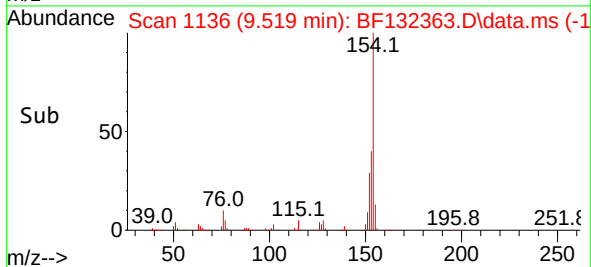
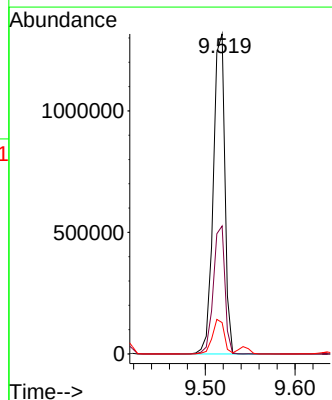
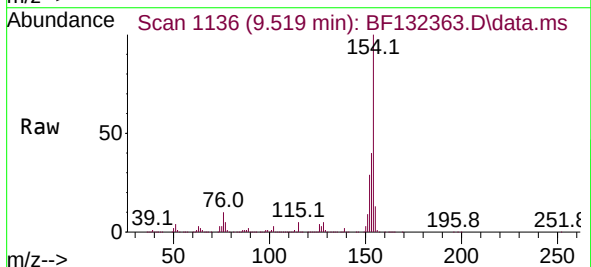
Reviewed By :Christian
Giraldo
02/09/2023

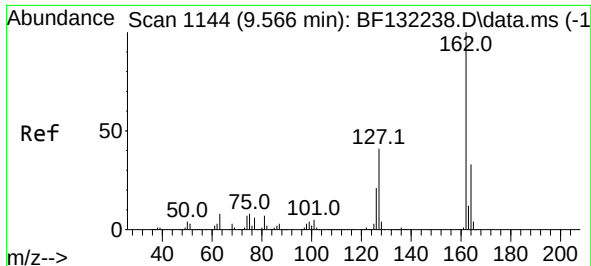
Supervised By :Jagrut
Upadhyay
02/09/2023



#46
1,1'-Biphenyl
Concen: 49.503 ng
RT: 9.519 min Scan# 1136
Delta R.T. 0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

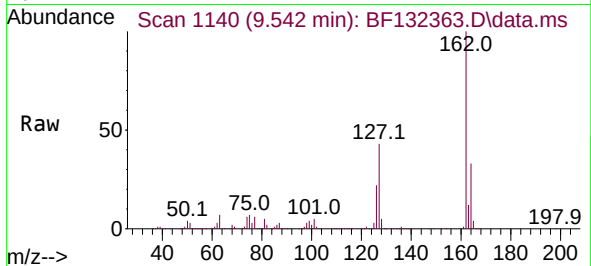
Tgt Ion:154 Resp: 1178046
Ion Ratio Lower Upper
154 100
153 40.0 19.9 59.9
76 9.8 0.0 34.0





#47
2-Chloronaphthalene
Concen: 50.890 ng
RT: 9.542 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

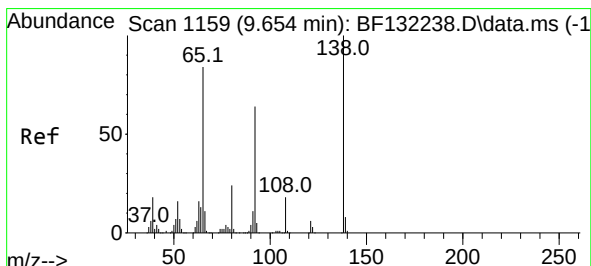
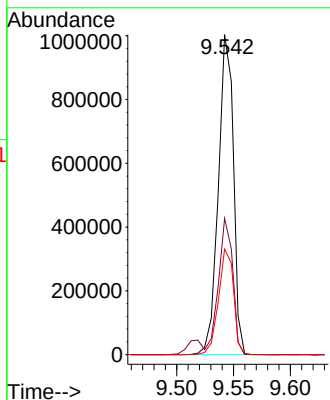
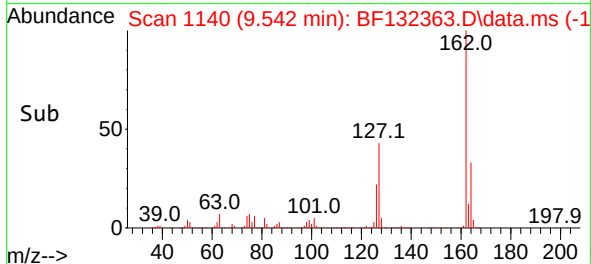
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



Tgt Ion:162 Resp: 922397
Ion Ratio Lower Upper
162 100
127 42.6 33.3 49.9
164 33.0 26.8 40.2

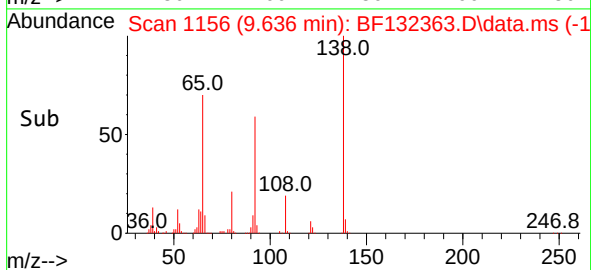
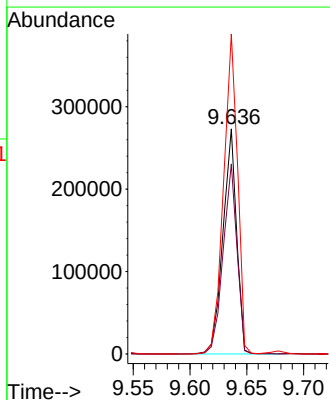
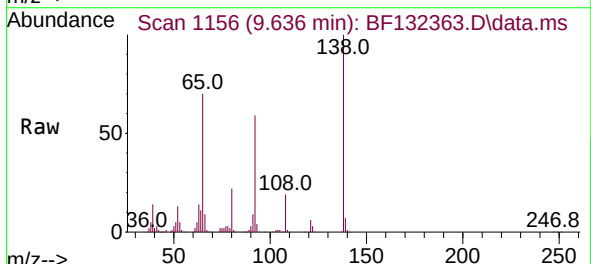
Manual Integrations
APPROVED

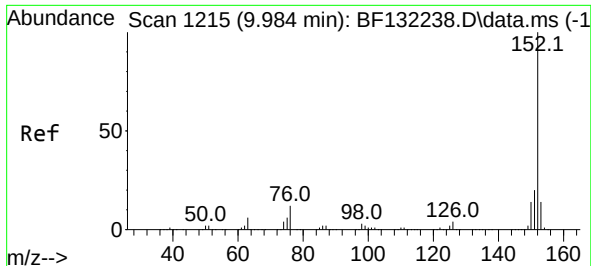
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023



#48
2-Nitroaniline
Concen: 42.367 ng
RT: 9.636 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Tgt Ion: 65 Resp: 228382
Ion Ratio Lower Upper
65 100
92 84.5 61.0 91.4
138 142.2 95.0 142.4





#49

Acenaphthylene

Concen: 47.546 ng

RT: 9.966 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF132363.D

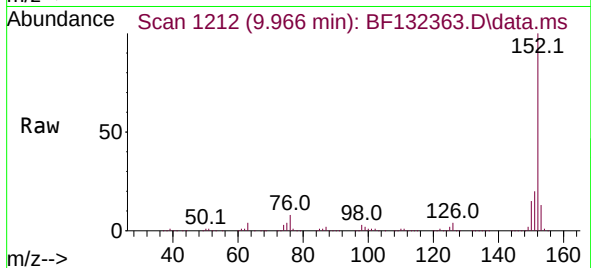
Acq: 08 Feb 2023 18:32

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MS



Tgt Ion:152 Resp: 1406479

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.2 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian

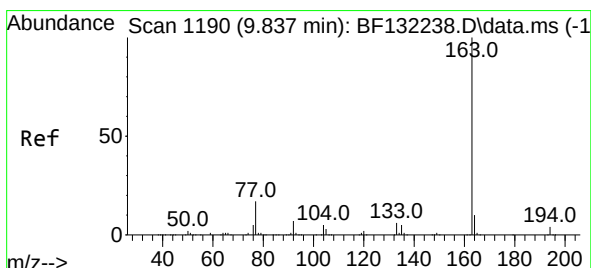
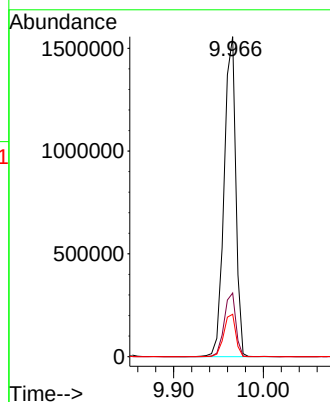
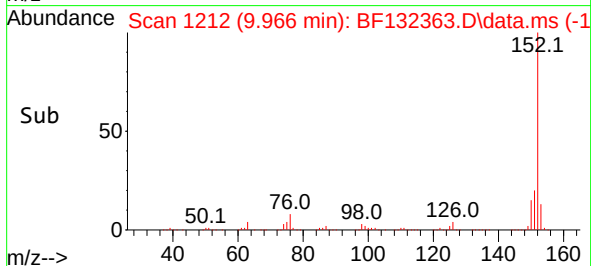
Giraldo

02/09/2023

Supervised By :Jagrut

Upadhyay

02/09/2023



#50

Dimethylphthalate

Concen: 50.674 ng

RT: 9.813 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF132363.D

Acq: 08 Feb 2023 18:32

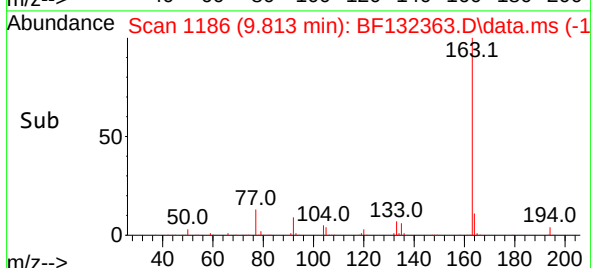
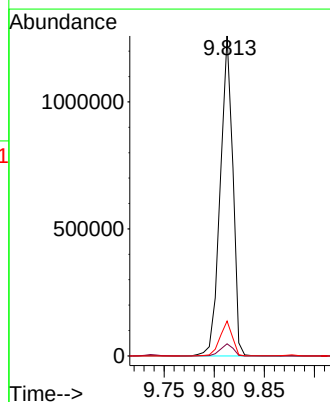
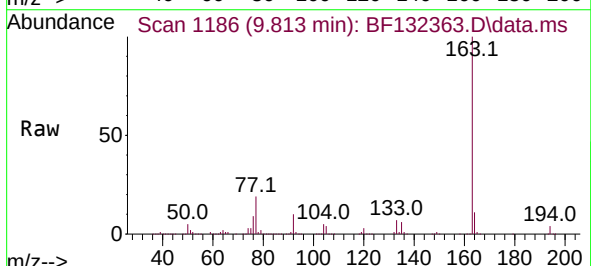
Tgt Ion:163 Resp: 1094170

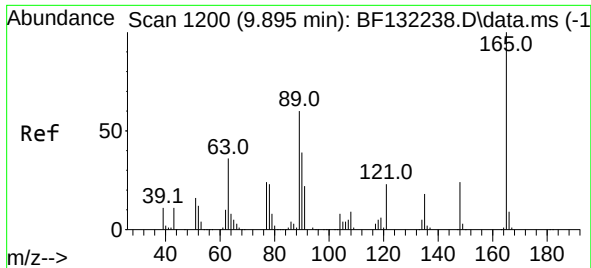
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

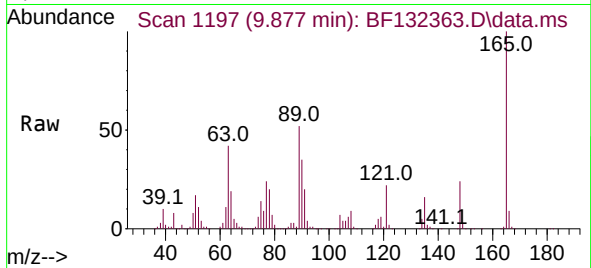
164 10.9 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 51.287 ng
RT: 9.877 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

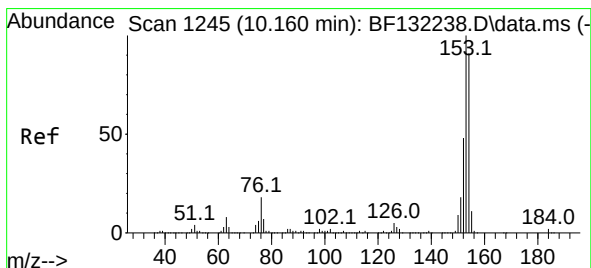
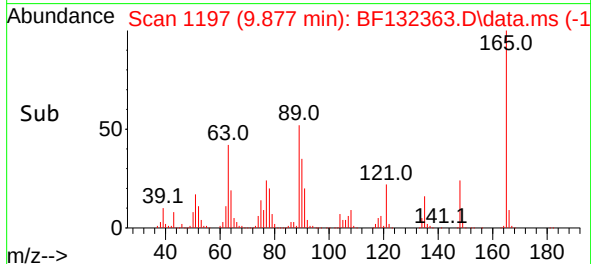
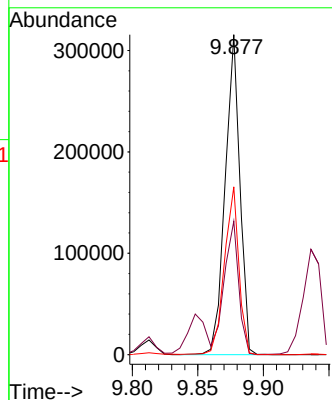


Tgt Ion:165 Resp: 247324
Ion Ratio Lower Upper
165 100
63 41.7 41.5 62.3
89 52.4 48.1 72.1

Manual Integrations
APPROVED

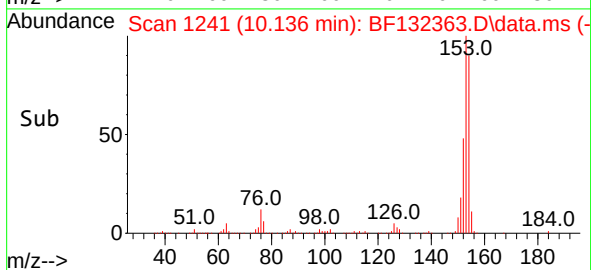
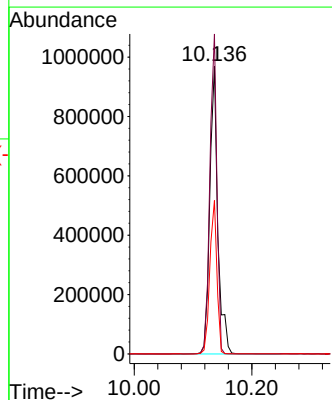
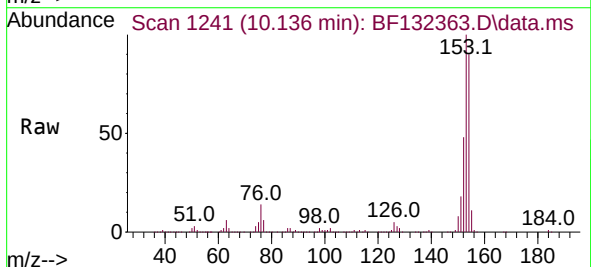
Reviewed By :Christian
Giraldo
02/09/2023

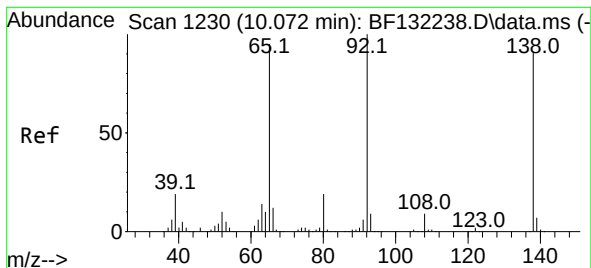
Supervised By :Jagrut
Upadhyay
02/09/2023



#52
Acenaphthene
Concen: 49.686 ng
RT: 10.136 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

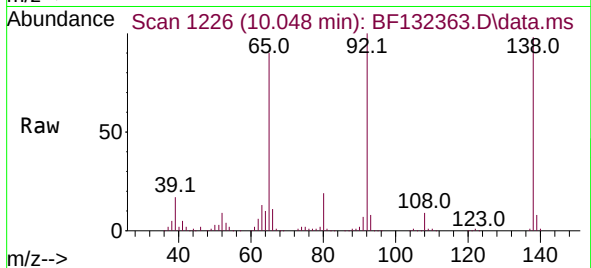
Tgt Ion:154 Resp: 920173
Ion Ratio Lower Upper
154 100
153 111.3 88.3 132.5
152 53.3 42.7 64.1





#53
3-Nitroaniline
Concen: 24.800 ng
RT: 10.048 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

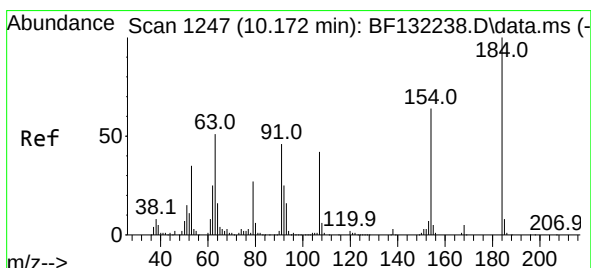
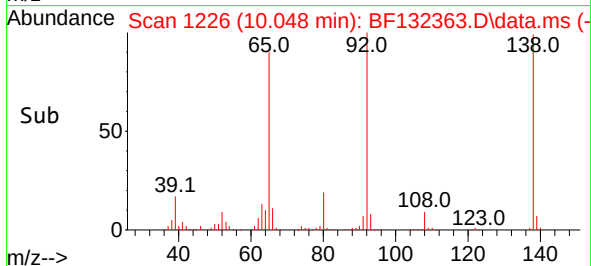
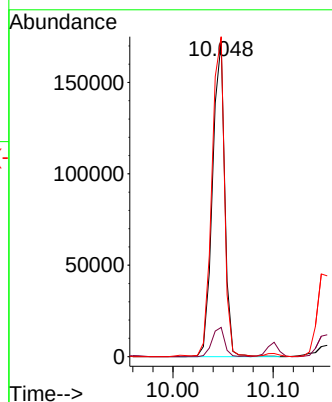
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



Tgt Ion:138 Resp: 145032
Ion Ratio Lower Upper
138 100
108 9.3 7.6 11.4
92 101.6 88.3 132.5

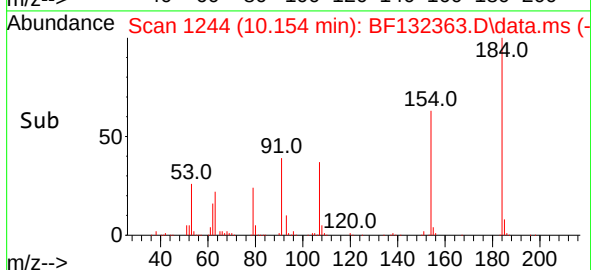
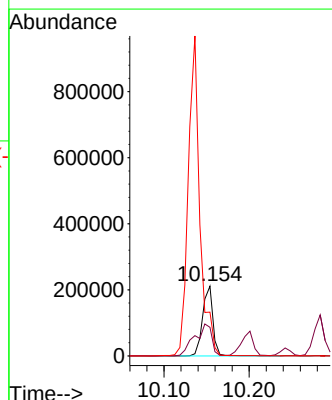
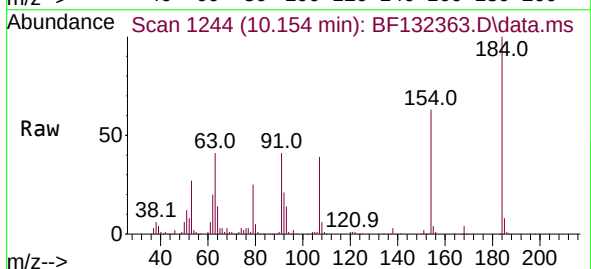
Manual Integrations
APPROVED

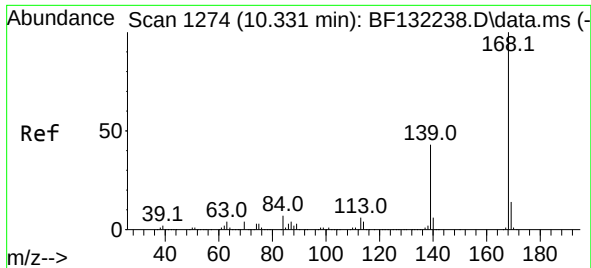
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023



#54
2,4-Dinitrophenol
Concen: 64.334 ng
RT: 10.154 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

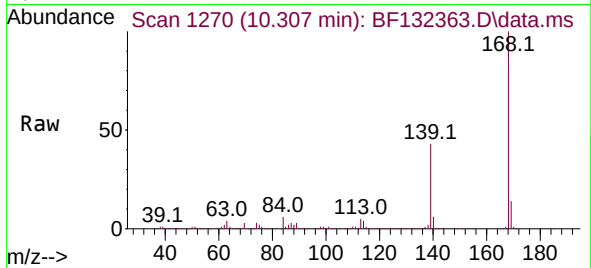
Tgt Ion:184 Resp: 177333
Ion Ratio Lower Upper
184 100
63 41.0 41.6 62.4#
154 62.8 57.0 85.6





#55
Dibenzofuran
Concen: 46.806 ng
RT: 10.307 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

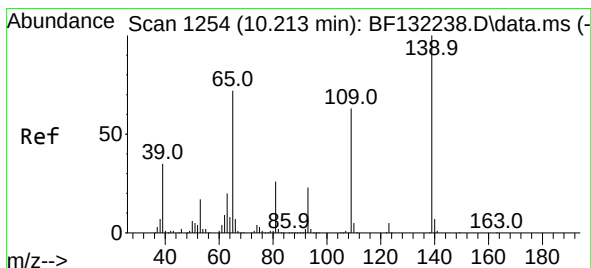
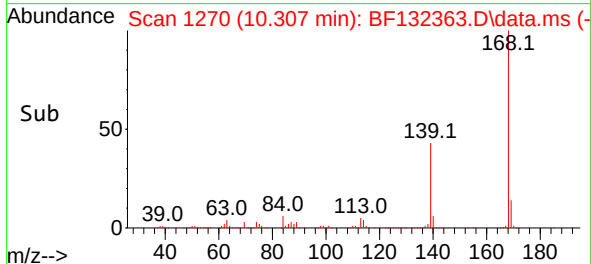
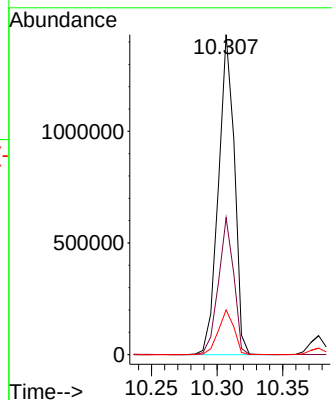


Tgt Ion:168 Resp: 1217935
Ion Ratio Lower Upper
168 100
139 42.8 34.2 51.4
169 14.0 11.2 16.8

Manual Integrations
APPROVED

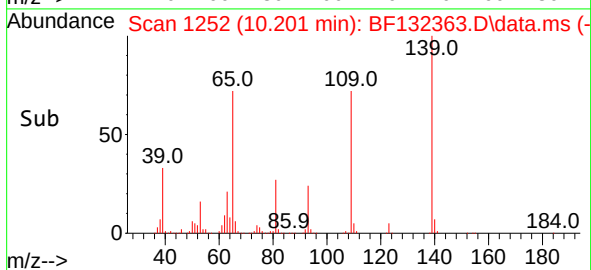
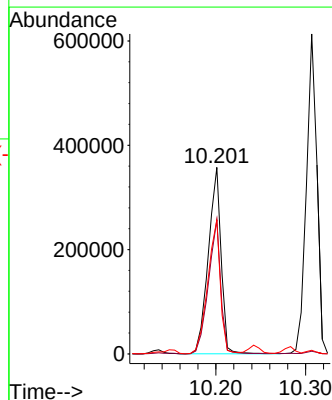
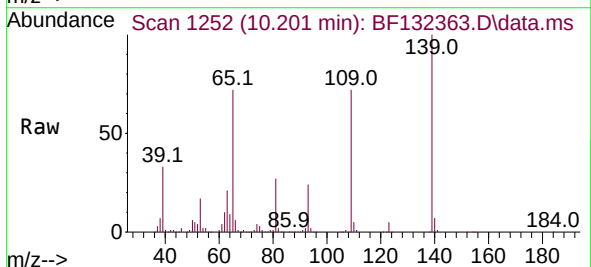
Reviewed By :Christian
Giraldo
02/09/2023

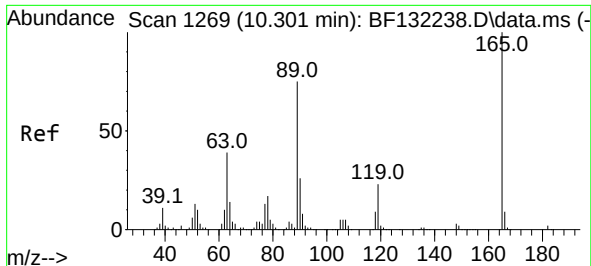
Supervised By :Jagrut
Upadhyay
02/09/2023



#56
4-Nitrophenol
Concen: 80.483 ng
RT: 10.201 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

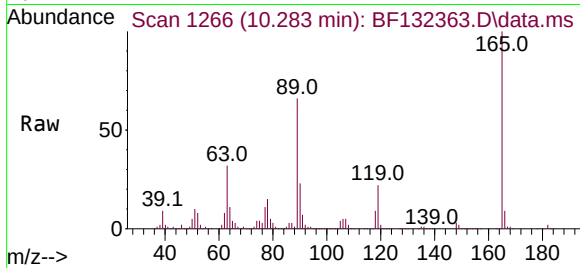
Tgt Ion:139 Resp: 354181
Ion Ratio Lower Upper
139 100
109 71.9 43.3 83.3
65 71.8 52.3 92.3





#57
2,4-Dinitrotoluene
Concen: 50.358 ng
RT: 10.283 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

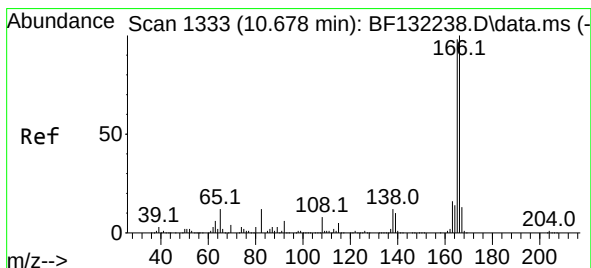
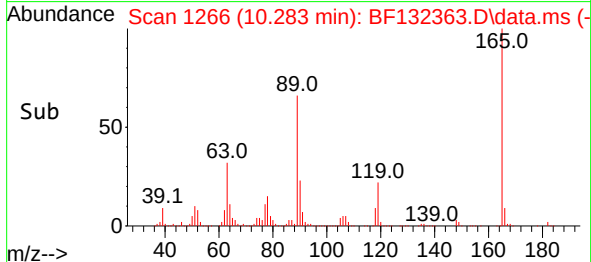
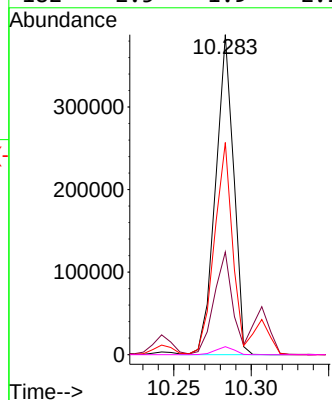


Tgt Ion:165 Resp: 315452
Ion Ratio Lower Upper
165 100
63 32.1 30.9 46.3
89 66.3 60.1 90.1
182 2.5 1.9 2.9

Manual Integrations
APPROVED

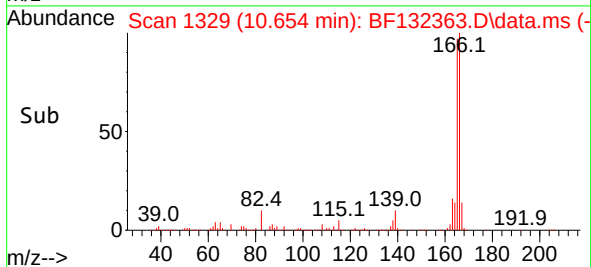
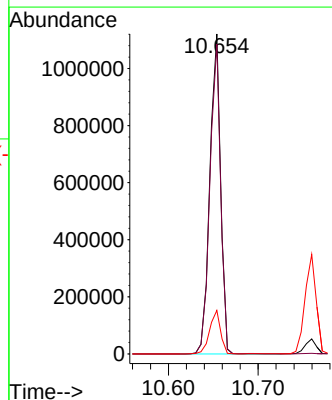
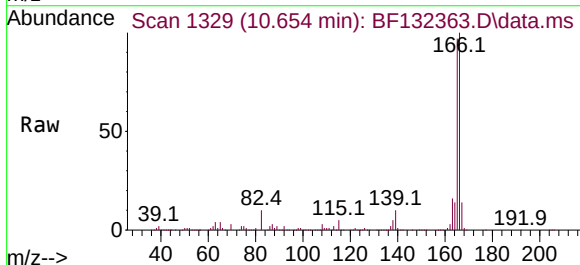
Reviewed By :Christian
Giraldo
02/09/2023

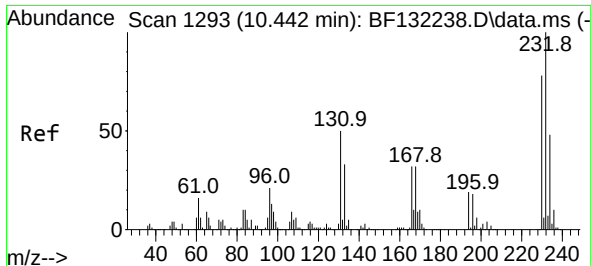
Supervised By :Jagrut
Upadhyay
02/09/2023



#58
Fluorene
Concen: 46.497 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

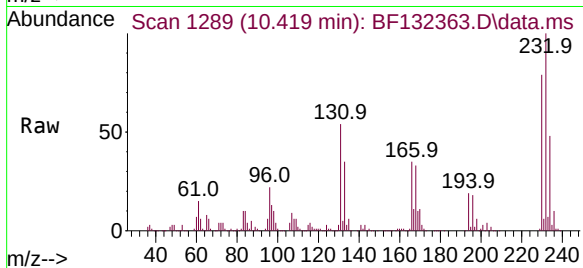
Tgt Ion:166 Resp: 931151
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.535 ng
RT: 10.419 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

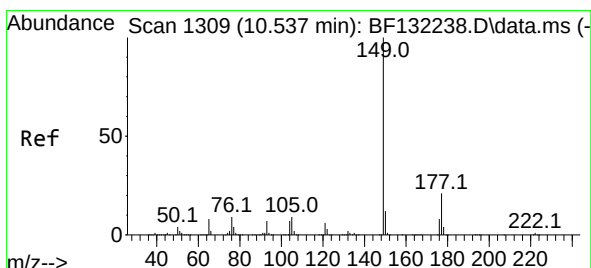
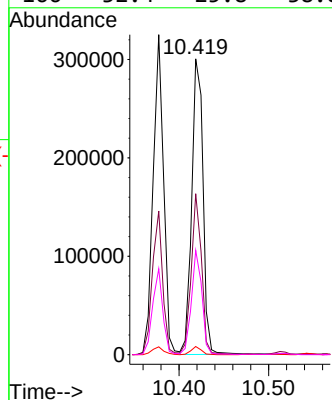
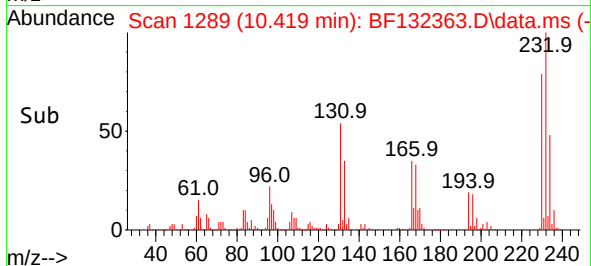
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



Tgt Ion:232 Resp: 263303
Ion Ratio Lower Upper
232 100
131 49.3 40.6 61.0
130 2.4 1.9 2.9
166 32.4 25.8 38.8

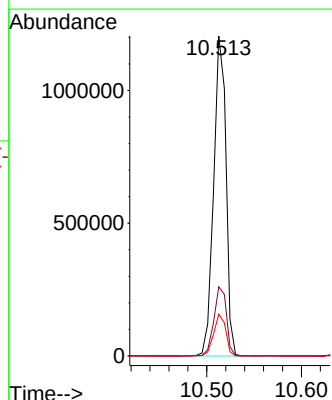
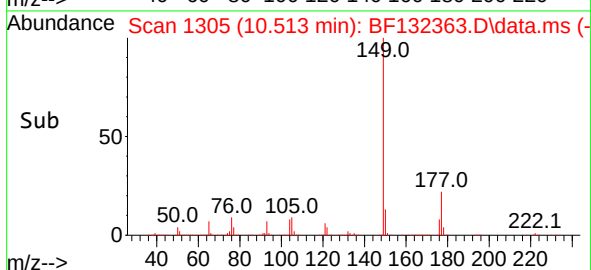
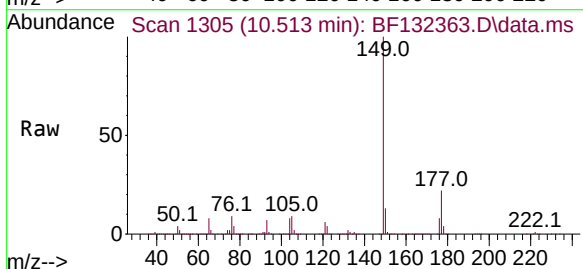
Manual Integrations
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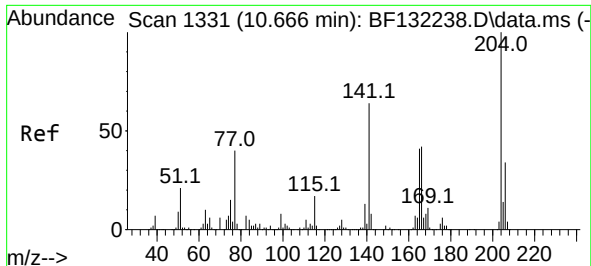
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023



#60
Diethylphthalate
Concen: 50.818 ng
RT: 10.513 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

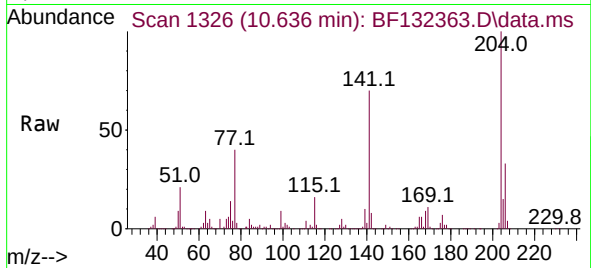
Tgt Ion:149 Resp: 1091574
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 49.372 ng
RT: 10.636 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

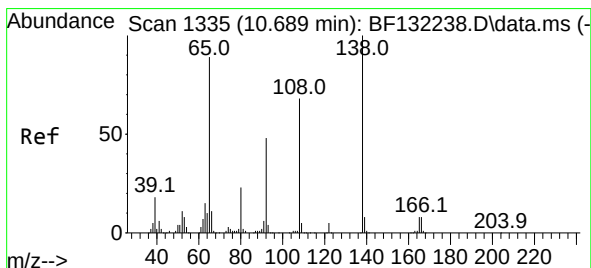
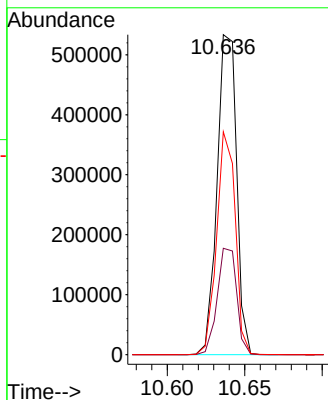
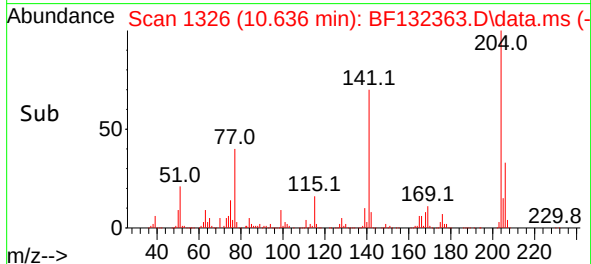
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



Tgt Ion:204 Resp: 469232
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 69.6 51.4 77.0

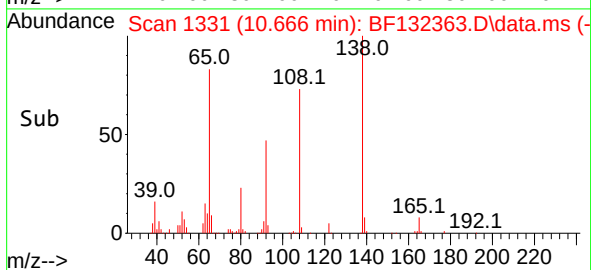
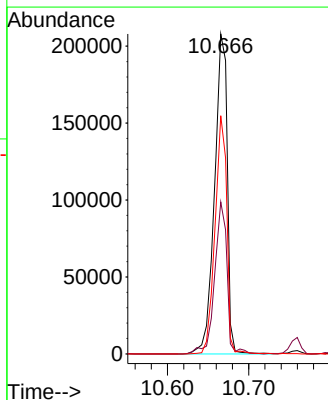
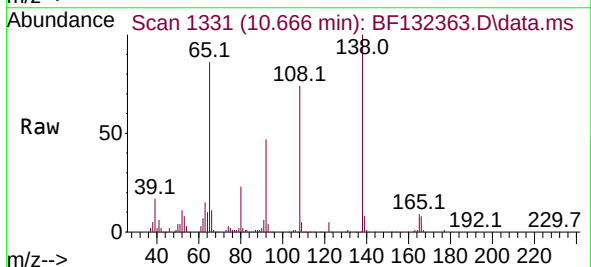
Manual Integrations
APPROVED

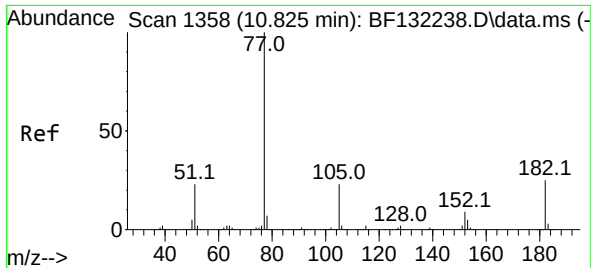
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023



#62
4-Nitroaniline
Concen: 40.425 ng
RT: 10.666 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

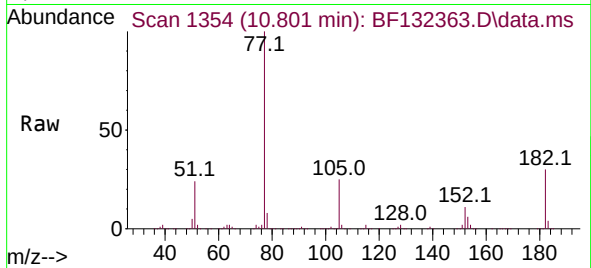
Tgt Ion:138 Resp: 226705
Ion Ratio Lower Upper
138 100
92 47.5 27.7 67.7
108 74.4 48.5 88.5





#63
Azobenzene
Concen: 40.436 ng
RT: 10.801 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

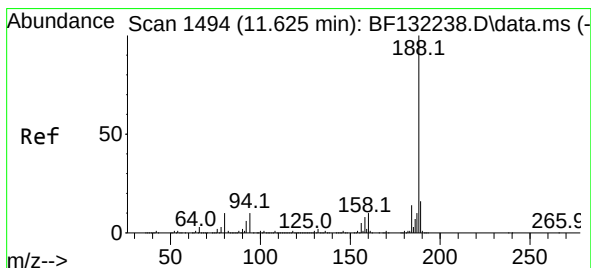
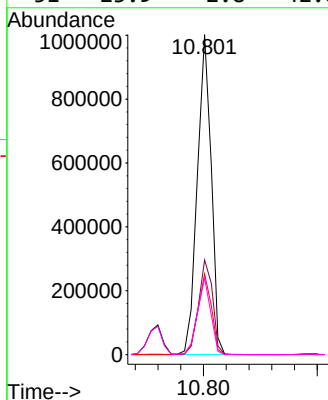
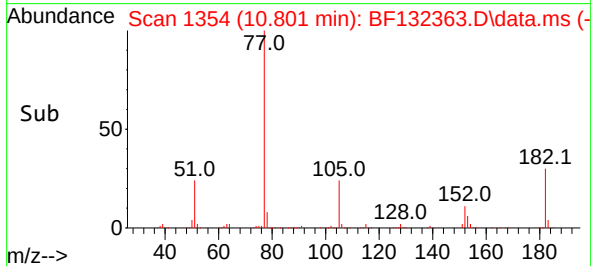


Tgt Ion: 77 Resp: 846055
Ion Ratio Lower Upper
77 100
182 29.6 4.5 44.5
105 25.2 2.7 42.7
51 23.9 2.8 42.8

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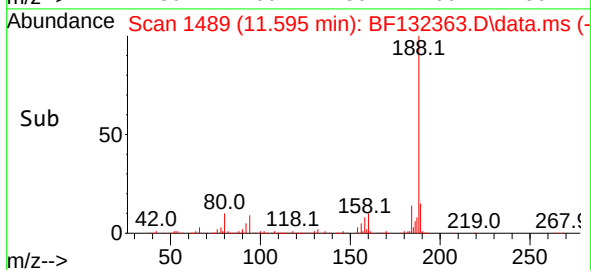
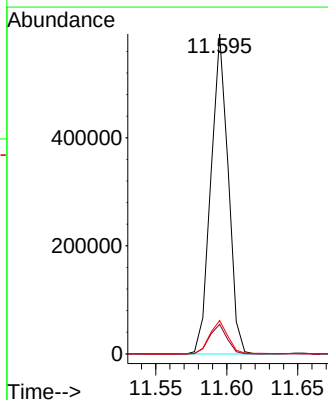
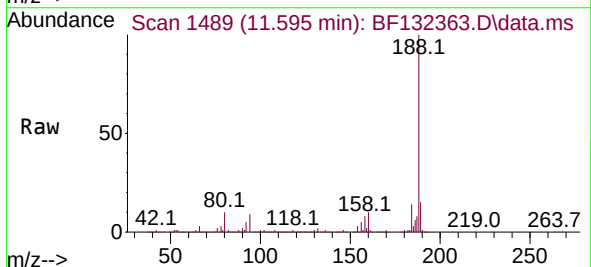
Reviewed By :Christian
Giraldo
02/09/2023

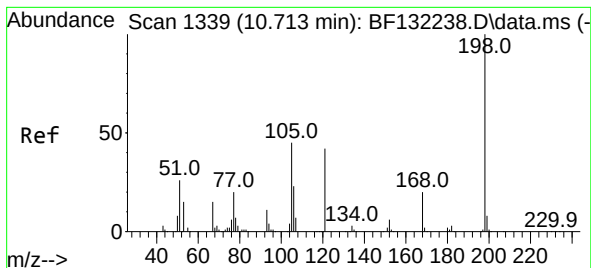
Supervised By :Jagrut
Upadhyay
02/09/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Tgt Ion:188 Resp: 500807
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.4 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 41.312 ng
RT: 10.689 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

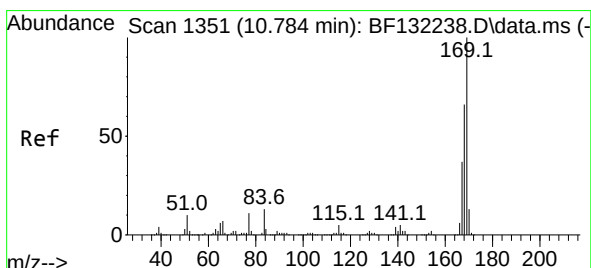
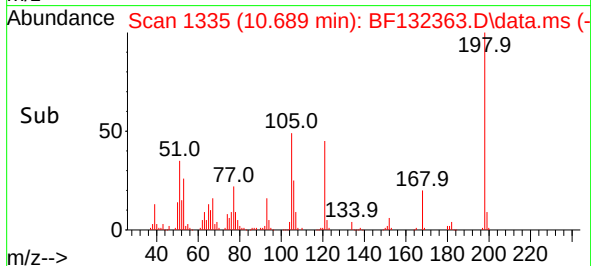
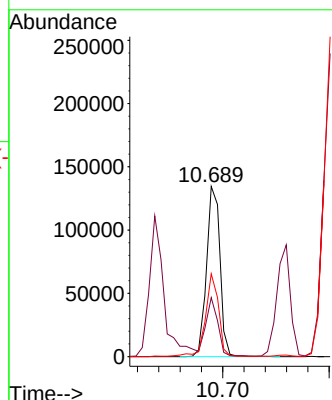
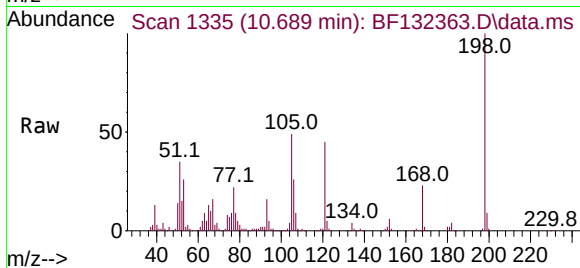
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

Tgt Ion:198 Resp: 117425
Ion Ratio Lower Upper
198 100
51 34.7 13.1 53.1
105 48.6 26.0 66.0

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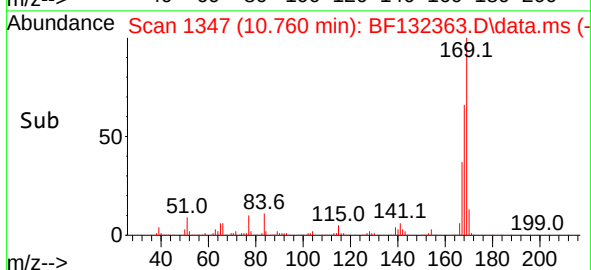
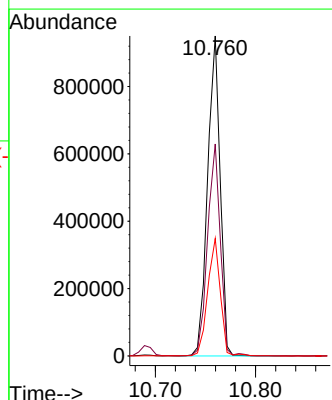
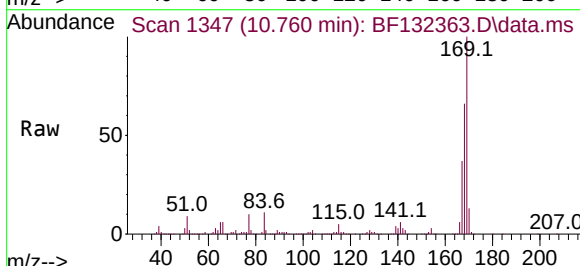
Reviewed By :Christian
Giraldo
02/09/2023

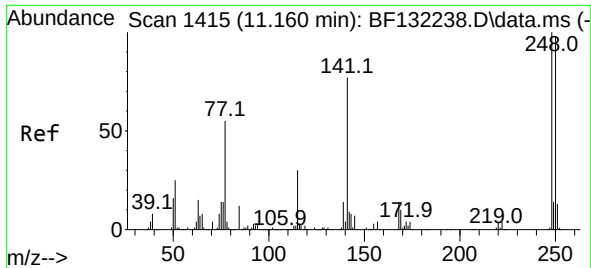
Supervised By :Jagrut
Upadhyay
02/09/2023



#66
n-Nitrosodiphenylamine
Concen: 52.515 ng
RT: 10.760 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Tgt Ion:169 Resp: 823542
Ion Ratio Lower Upper
169 100
168 66.2 52.6 79.0
167 36.7 29.5 44.3





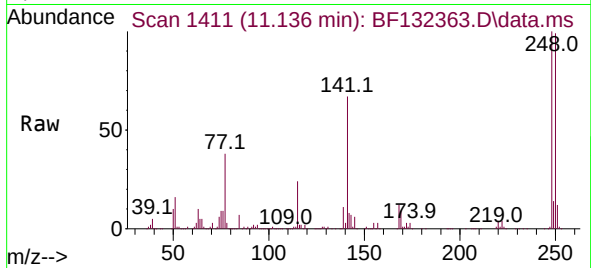
#67
4-Bromophenyl-phenylether
Concen: 56.019 ng
RT: 11.136 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MS

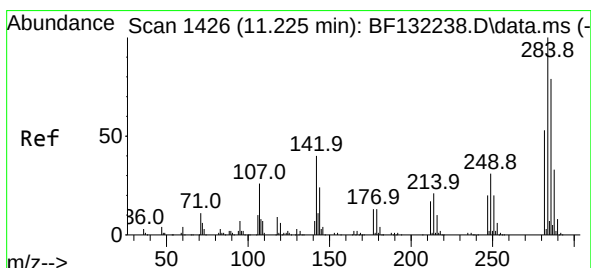
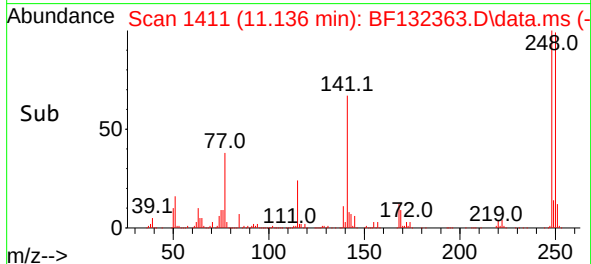
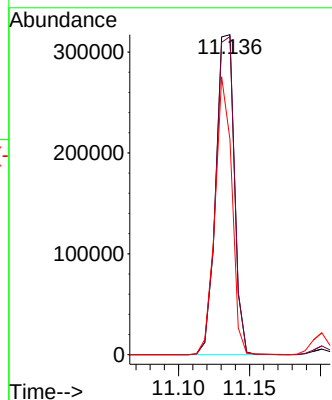


Tgt Ion:248 Resp: 287279
Ion Ratio Lower Upper
248 100
250 99.4 78.6 117.8
141 67.2 61.6 92.4

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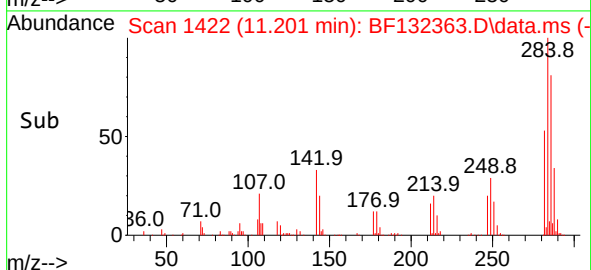
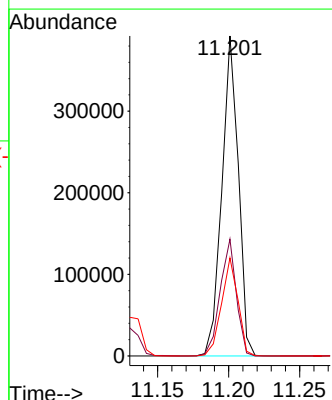
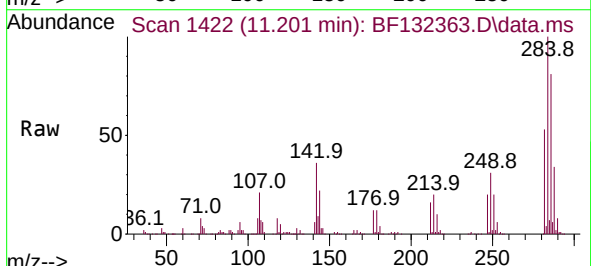
Reviewed By :Christian
Giraldo
02/09/2023

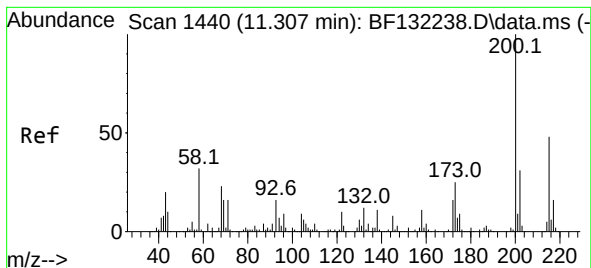
Supervised By :Jagrut
Upadhyay
02/09/2023



#68
Hexachlorobenzene
Concen: 57.820 ng
RT: 11.201 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Tgt Ion:284 Resp: 316923
Ion Ratio Lower Upper
284 100
142 36.5 32.2 48.4
249 30.6 25.0 37.6





#69

Atrazine

Concen: 55.939 ng

RT: 11.283 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BF132363.D

Acq: 08 Feb 2023 18:32

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MS

Tgt Ion:200 Resp: 252321
 Ion Ratio Lower Upper
 200 100
 173 26.0 5.1 45.1
 215 46.8 27.6 67.6

Manual Integrations
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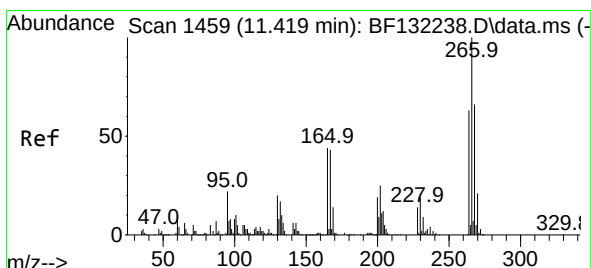
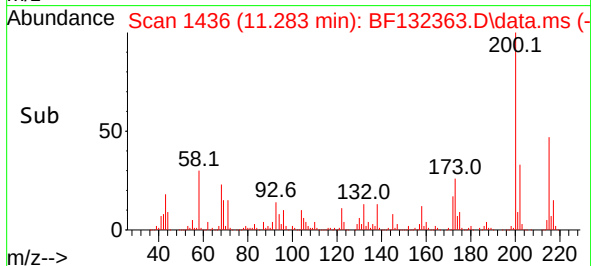
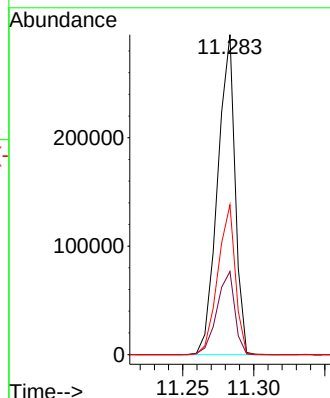
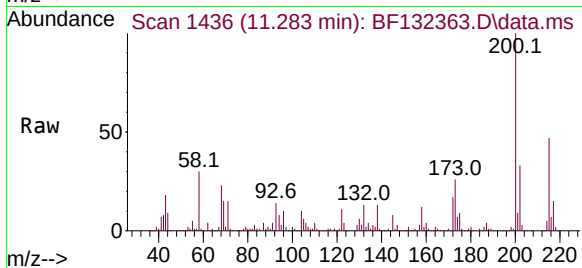
Reviewed By :Christian
 Giraldo

02/09/2023

Supervised By :Jagrut

Upadhyay

02/09/2023



#70

Pentachlorophenol

Concen: 88.377 ng

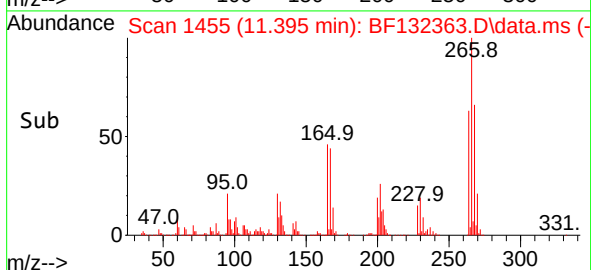
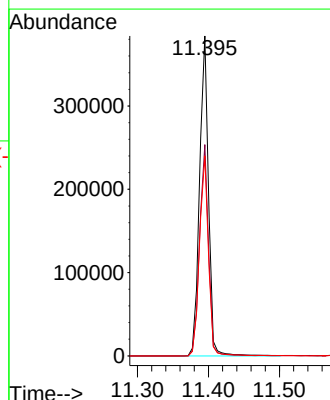
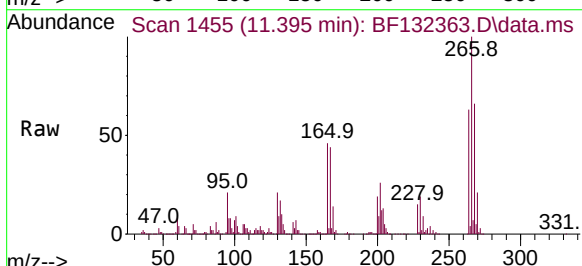
RT: 11.395 min Scan# 1455

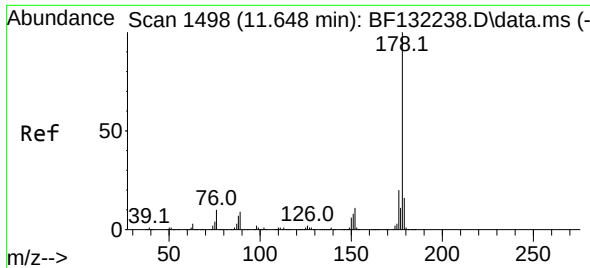
Delta R.T. 0.006 min

Lab File: BF132363.D

Acq: 08 Feb 2023 18:32

Tgt Ion:266 Resp: 332839
 Ion Ratio Lower Upper
 266 100
 268 66.1 53.0 79.4
 264 62.5 50.5 75.7





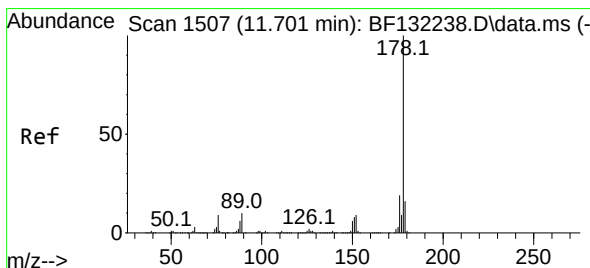
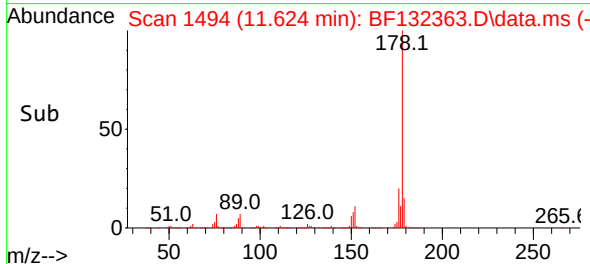
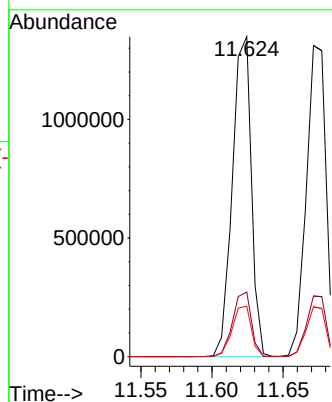
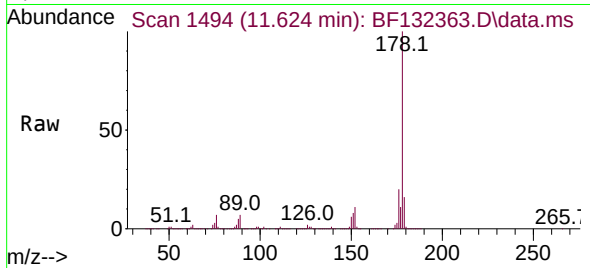
#71
Phenanthrene
Concen: 47.843 ng
RT: 11.624 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

Tgt Ion:178 Resp: 1252046
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.7 12.8 19.2

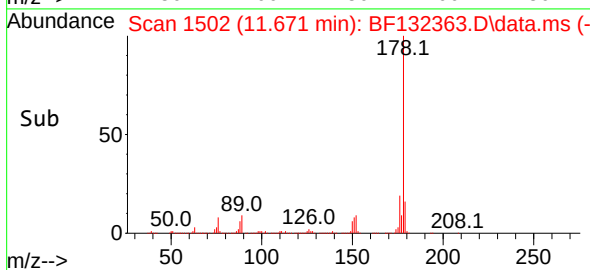
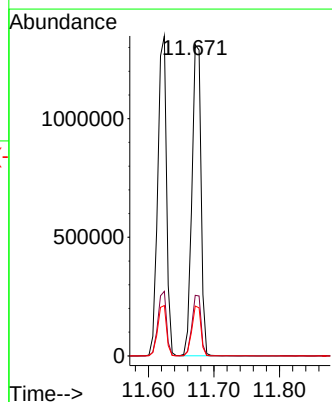
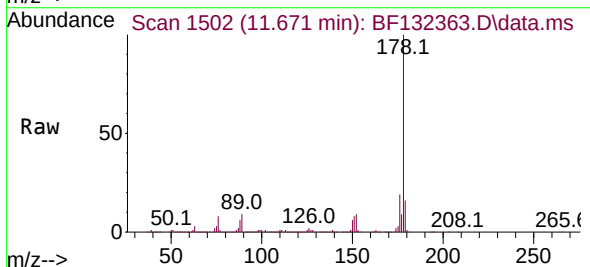
Manual Integrations
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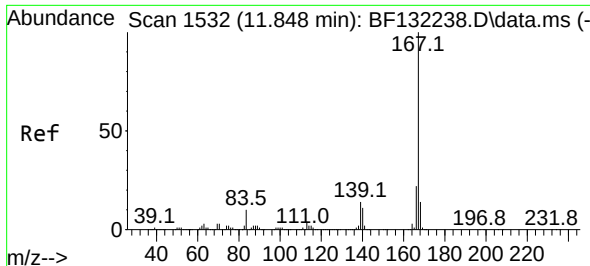
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023



#72
Anthracene
Concen: 47.634 ng
RT: 11.671 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

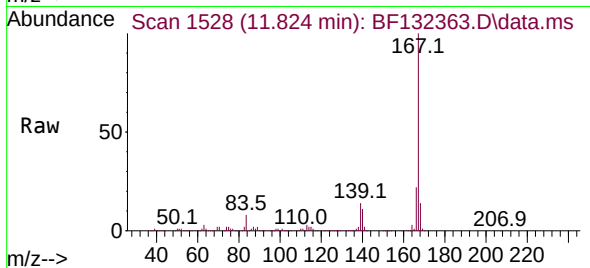
Tgt Ion:178 Resp: 1268643
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.0 12.8 19.2





#73
 Carbazole
 Concen: 45.820 ng
 RT: 11.824 min Scan# 1528
 Delta R.T. -0.000 min
 Lab File: BF132363.D
 Acq: 08 Feb 2023 18:32

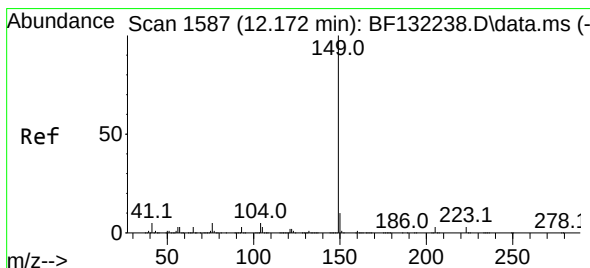
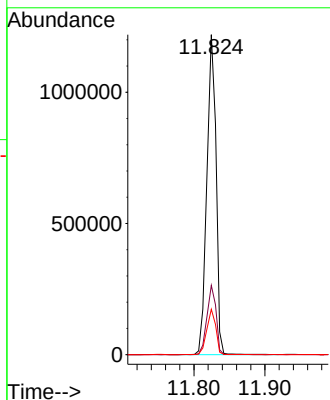
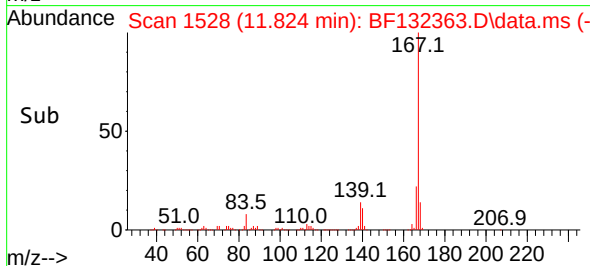
Instrument :
 BNA_F
 ClientSampleId :
 JPP-16-020223MS



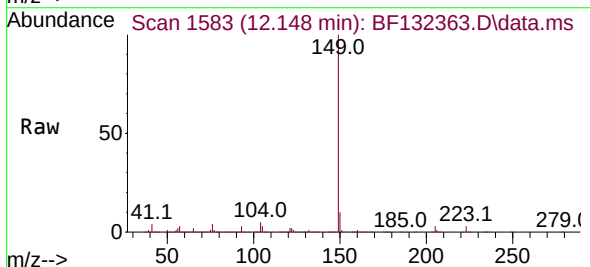
Tgt Ion:167 Resp: 1094205
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 14.2 11.4 17.2

Manual Integrations
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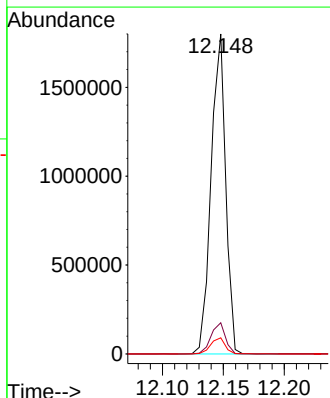
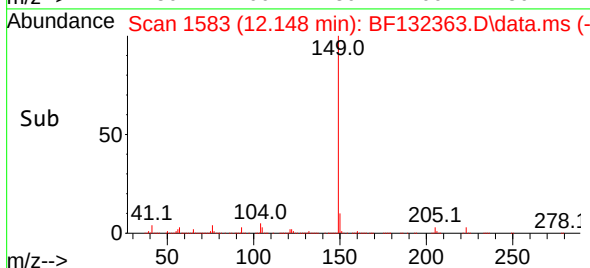
Reviewed By :Christian
 Giraldo
 02/09/2023
 Supervised By :Jagrut
 Upadhyay
 02/09/2023

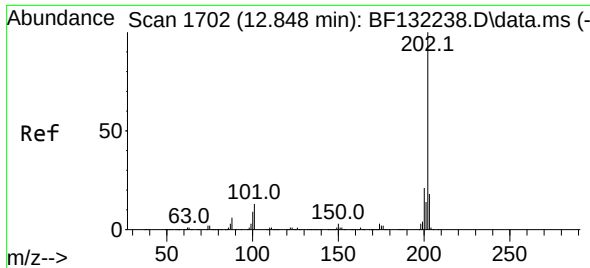


#74
 Di-n-butylphthalate
 Concen: 53.030 ng
 RT: 12.148 min Scan# 1583
 Delta R.T. -0.000 min
 Lab File: BF132363.D
 Acq: 08 Feb 2023 18:32



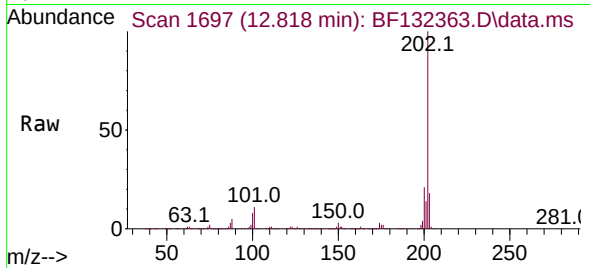
Tgt Ion:149 Resp: 1497154
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 42.826 ng
RT: 12.818 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

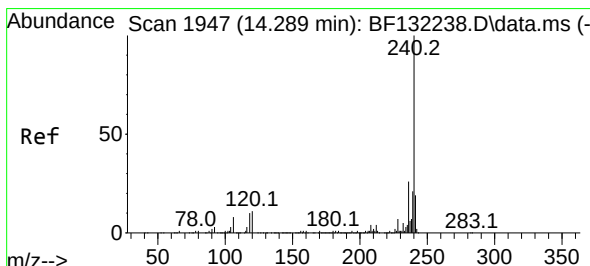
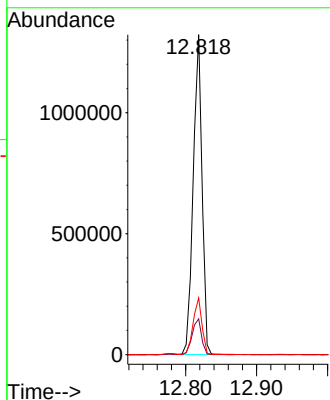
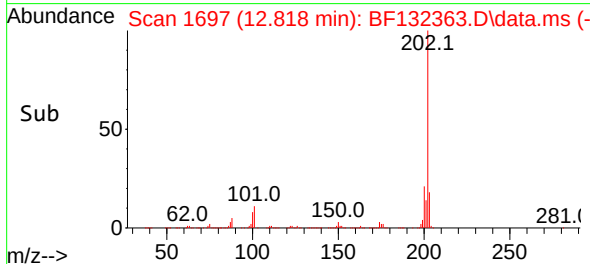


Tgt Ion:202 Resp: 1143711
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.7
203 17.7 0.0 37.9

Manual Integrations
APPROVED

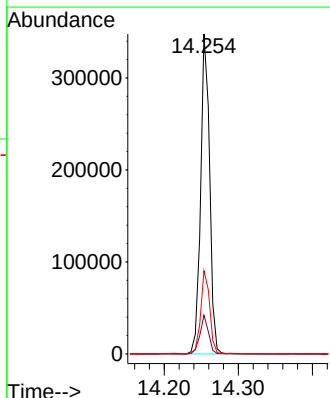
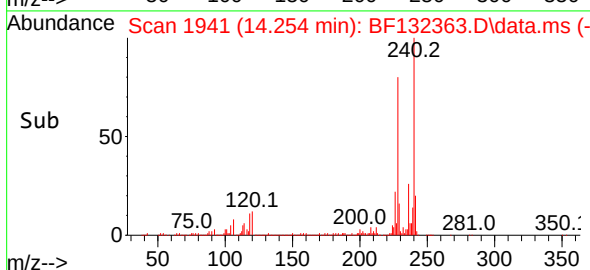
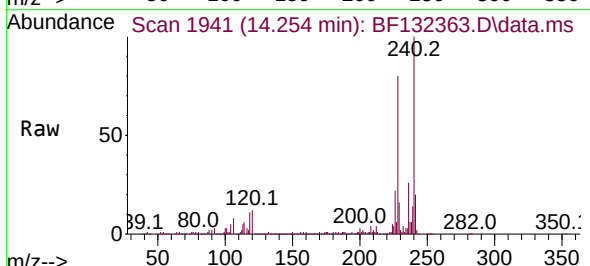
Reviewed By :Christian
Giraldo
02/09/2023

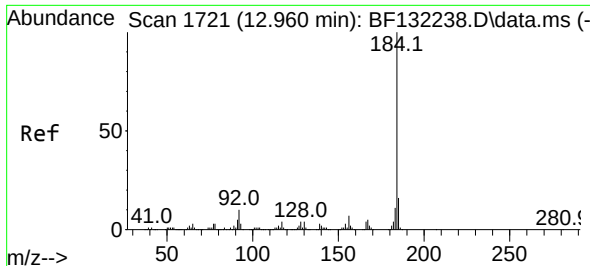
Supervised By :Jagrut
Upadhyay
02/09/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

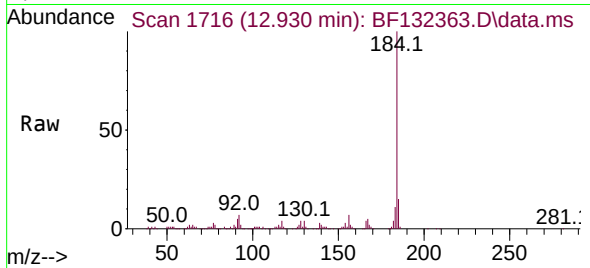
Tgt Ion:240 Resp: 293255
Ion Ratio Lower Upper
240 100
120 12.1 8.8 13.2
236 26.0 21.0 31.6





#77
Benzidine
Concen: 13.560 ng
RT: 12.930 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

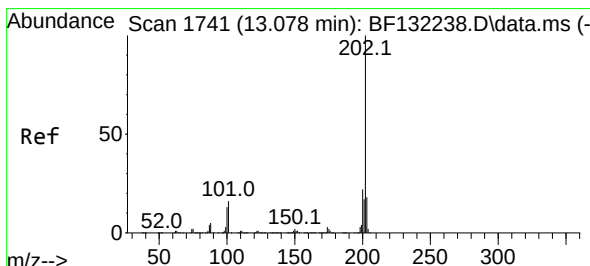
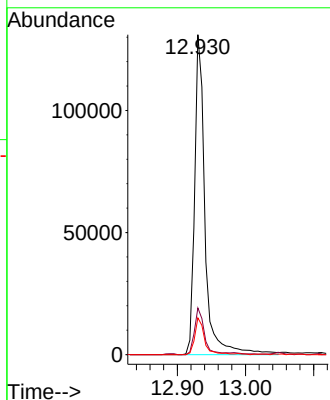
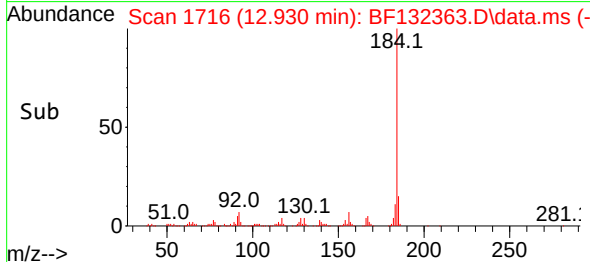


Tgt Ion:184 Resp: 139021
Ion Ratio Lower Upper
184 100
185 14.6 12.6 18.8
183 11.5 8.9 13.3

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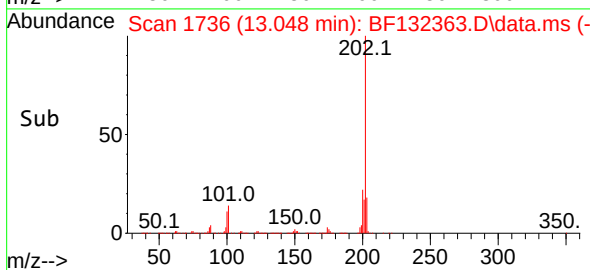
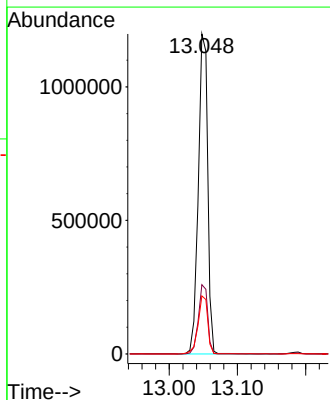
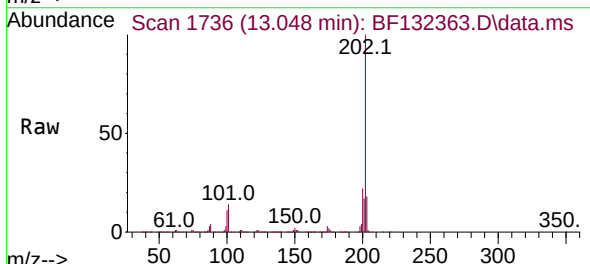
Reviewed By :Christian
Giraldo
02/09/2023

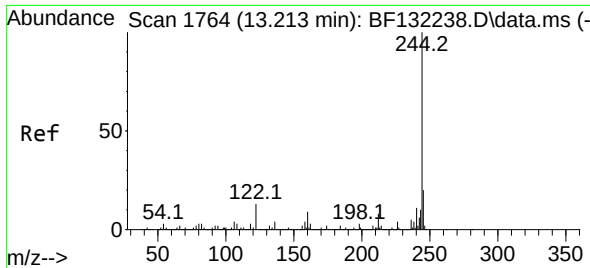
Supervised By :Jagrut
Upadhyay
02/09/2023



#78
Pyrene
Concen: 48.835 ng
RT: 13.048 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

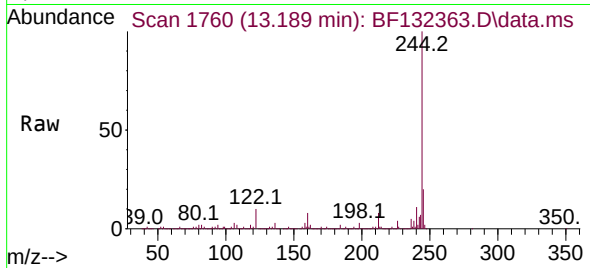
Tgt Ion:202 Resp: 1151857
Ion Ratio Lower Upper
202 100
200 21.6 17.3 25.9
203 18.1 14.4 21.6





#79
Terphenyl-d14
Concen: 112.015 ng
RT: 13.189 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

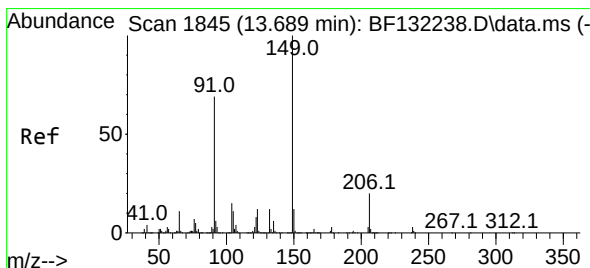
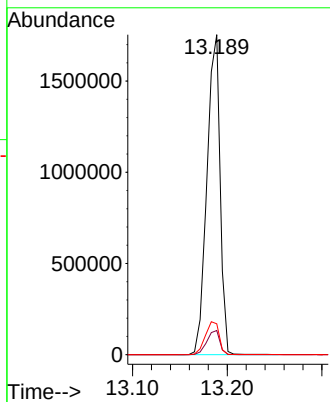
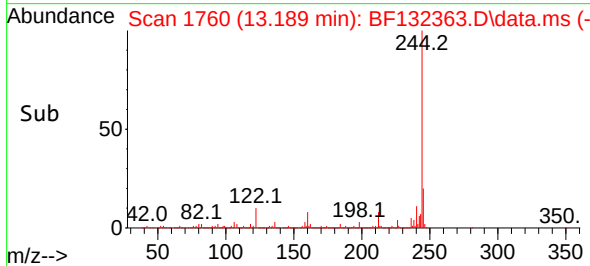


Tgt Ion:244 Resp: 169814
Ion Ratio Lower Upper
244 100
212 7.5 6.4 9.6
122 9.6 10.5 15.7

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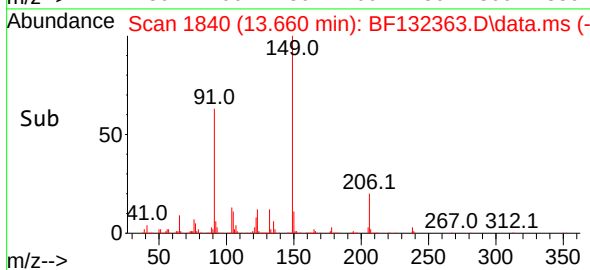
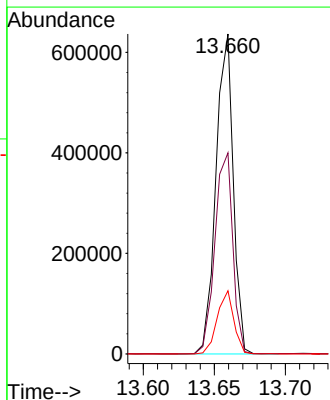
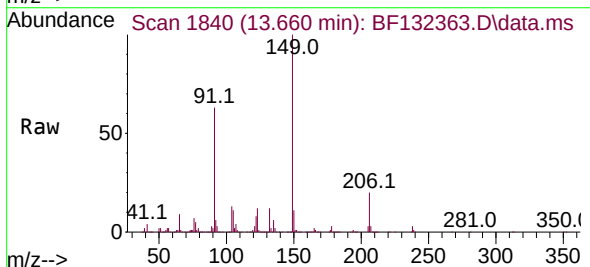
Reviewed By :Christian
Giraldo
02/09/2023

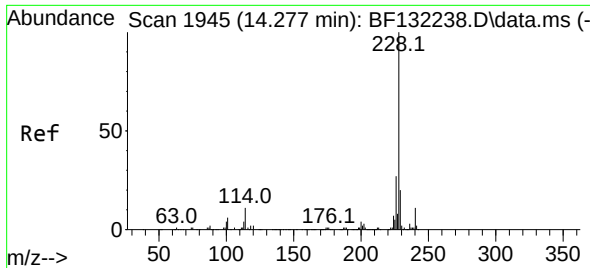
Supervised By :Jagrut
Upadhyay
02/09/2023



#80
Butylbenzylphthalate
Concen: 51.883 ng
RT: 13.660 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

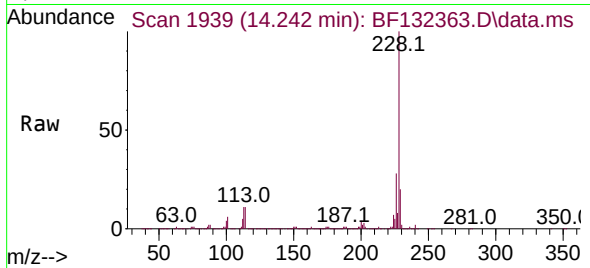
Tgt Ion:149 Resp: 540667
Ion Ratio Lower Upper
149 100
91 62.8 55.0 82.6
206 19.7 15.9 23.9





#81
Benzo(a)anthracene
Concen: 49.894 ng
RT: 14.242 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

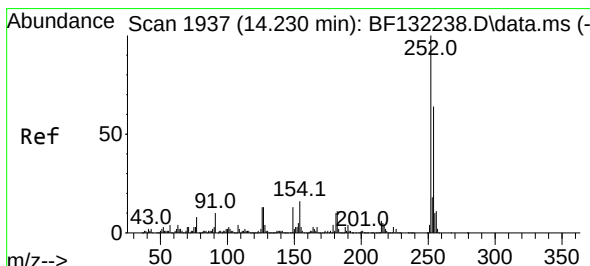
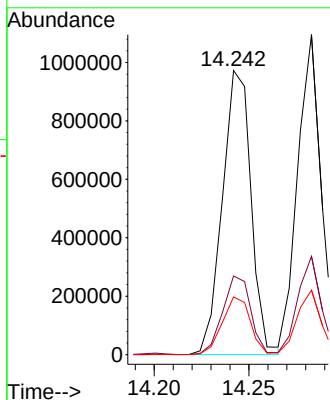
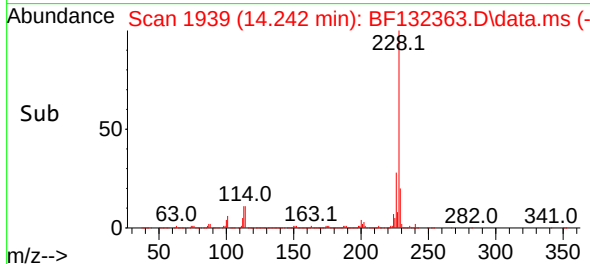
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



Tgt Ion:228 Resp: 1023356
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 20.3 15.8 23.6

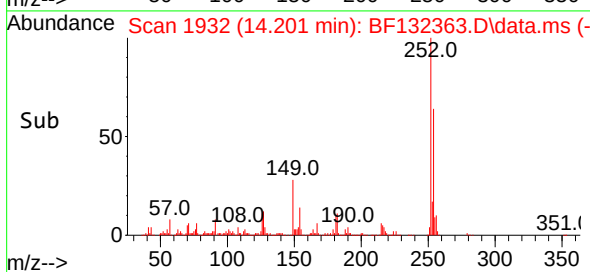
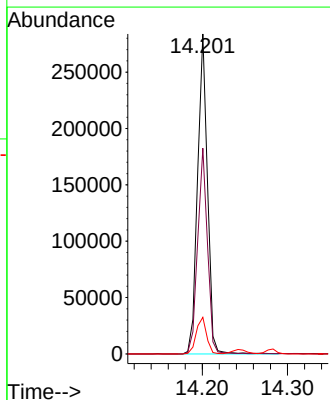
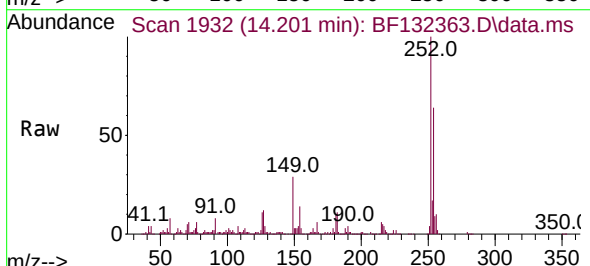
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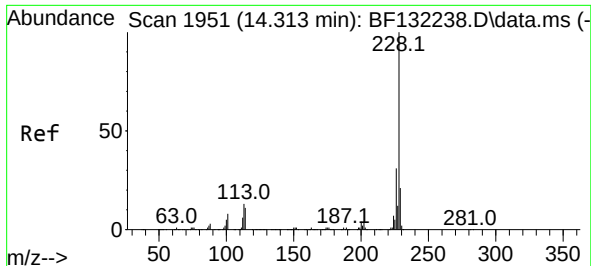
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.040 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

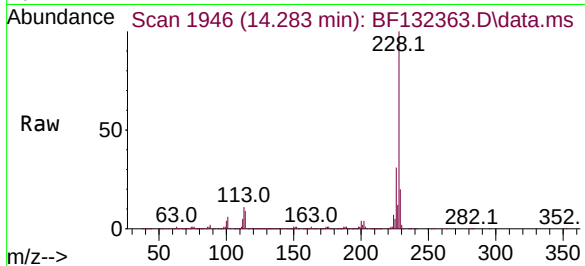
Tgt Ion:252 Resp: 228906
Ion Ratio Lower Upper
252 100
254 64.3 51.6 77.4
126 11.4 10.5 15.7





#83
Chrysene
Concen: 48.482 ng
RT: 14.283 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

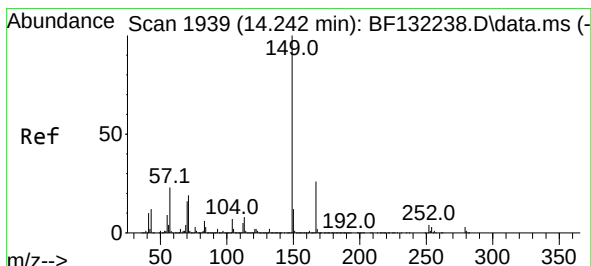
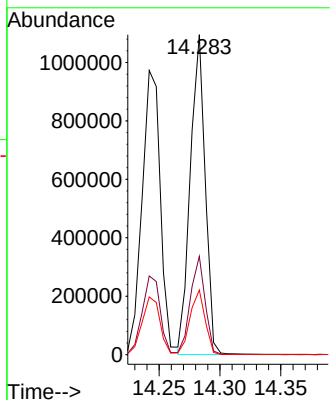
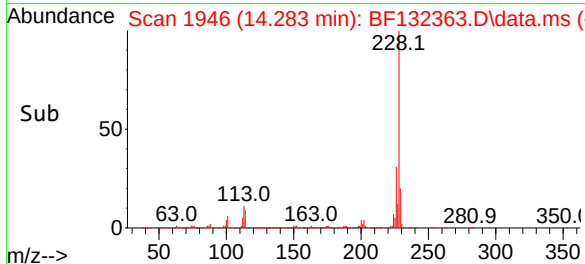
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



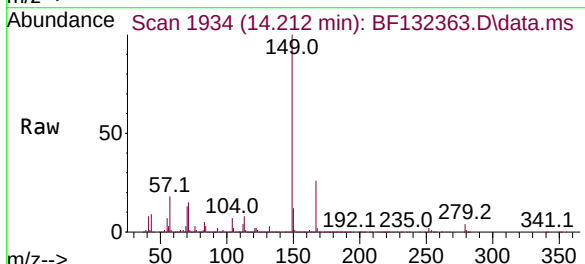
Tgt Ion:228 Resp: 931124
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 20.2 16.4 24.6

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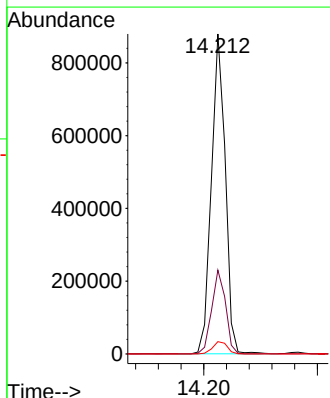
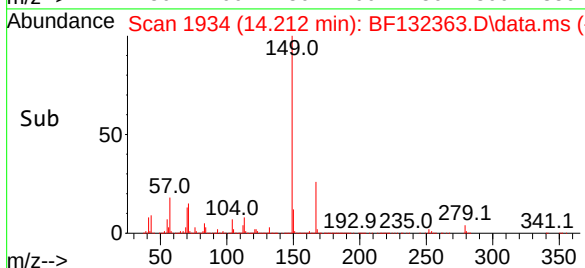
Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023

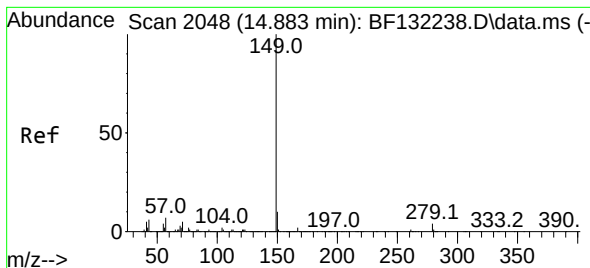


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.057 ng
RT: 14.212 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32



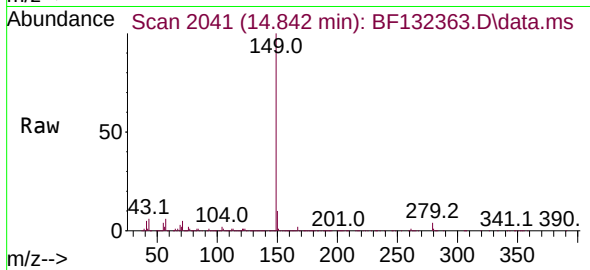
Tgt Ion:149 Resp: 747343
Ion Ratio Lower Upper
149 100
167 26.2 20.7 31.1
279 3.8 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 53.047 ng
RT: 14.842 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

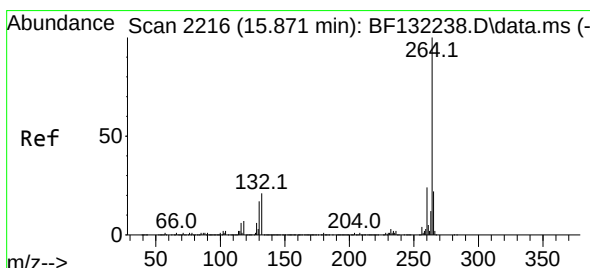
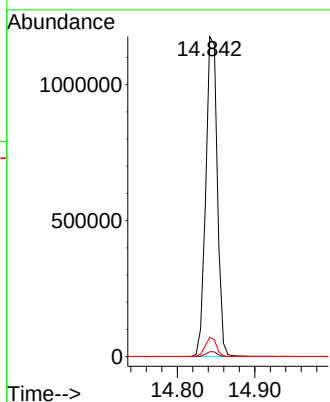
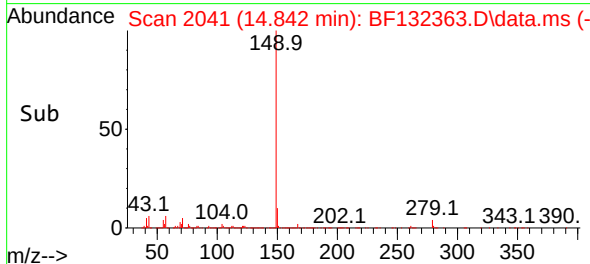


Tgt Ion:149 Resp: 1218723
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.8 5.9 8.9

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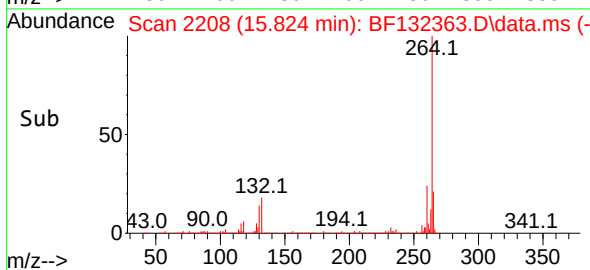
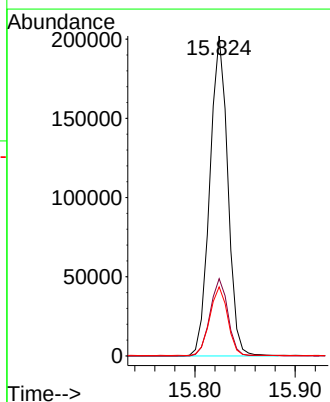
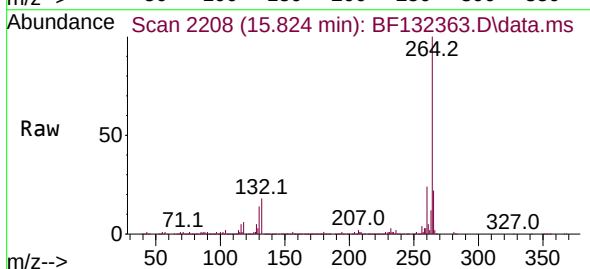
Reviewed By :Christian
Giraldo
02/09/2023

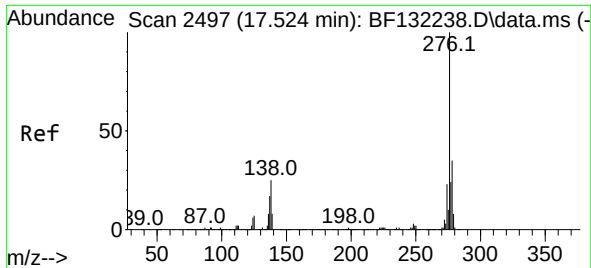
Supervised By :Jagrut
Upadhyay
02/09/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.824 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

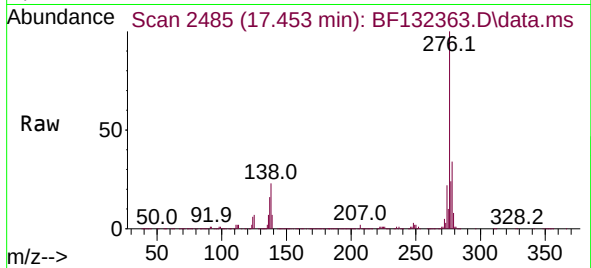
Tgt Ion:264 Resp: 251444
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.783 ng
RT: 17.453 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS

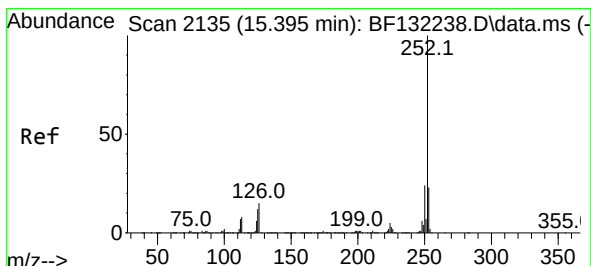
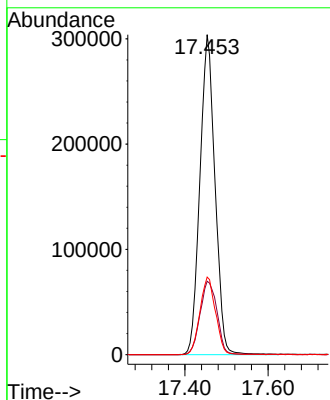
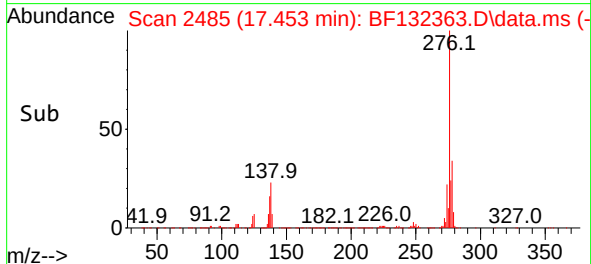


Tgt Ion: 276 Resp: 764929
Ion Ratio Lower Upper
276 100
138 25.7 23.3 34.9
277 25.0 20.0 30.0

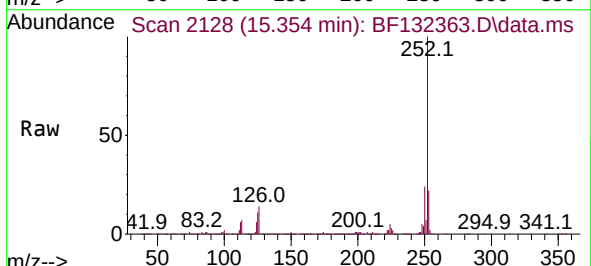
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Reviewed By : Christian
Giraldo
02/09/2023

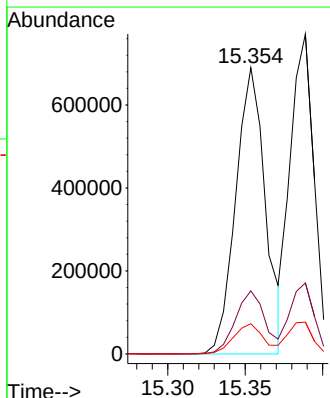
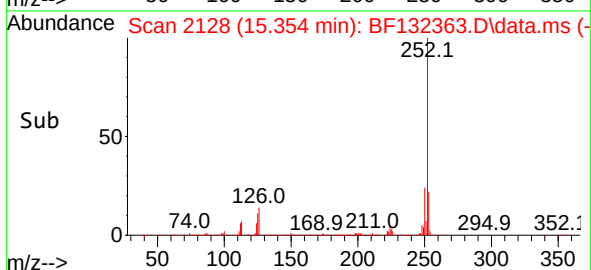
Supervised By : Jagrut
Upadhyay
02/09/2023

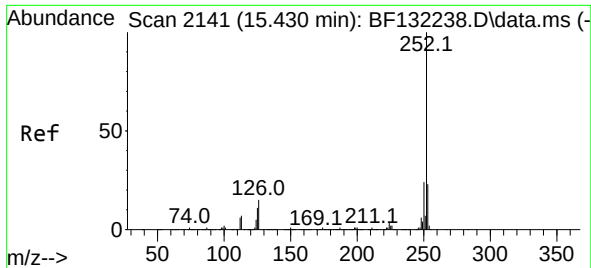


#88
Benzo(b)fluoranthene
Concen: 57.620 ng
RT: 15.354 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32



Tgt Ion: 252 Resp: 920936
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.5 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 54.054 ng

RT: 15.389 min Scan# 2141

Delta R.T. -0.000 min

Lab File: BF132363.D

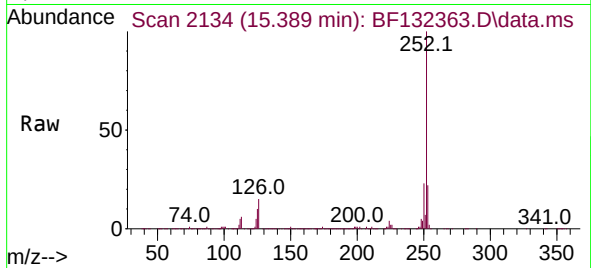
Acq: 08 Feb 2023 18:32

Instrument :

BNA_F

ClientSampleId :

JPP-16-020223MS



Tgt Ion:252 Resp: 824654

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 9.9 9.0 13.6

Manual Integrations

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Reviewed By :Christian

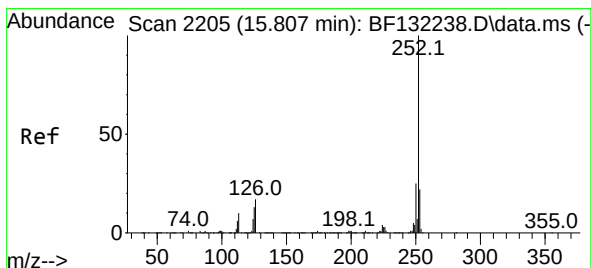
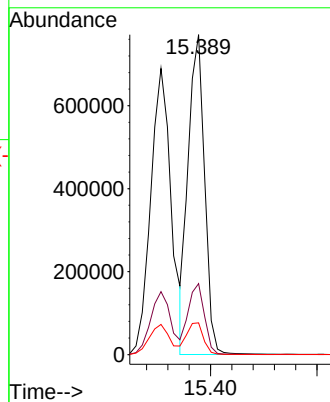
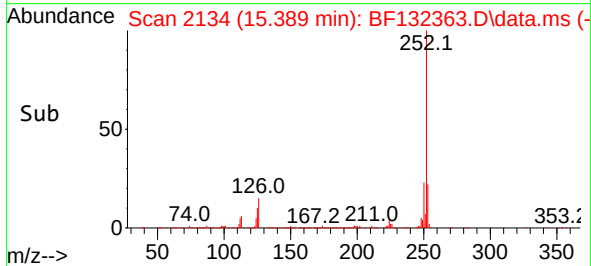
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Upadhyay

02/09/2023



#90

Benzo(a)pyrene

Concen: 48.030 ng

RT: 15.759 min Scan# 2197

Delta R.T. -0.000 min

Lab File: BF132363.D

Acq: 08 Feb 2023 18:32

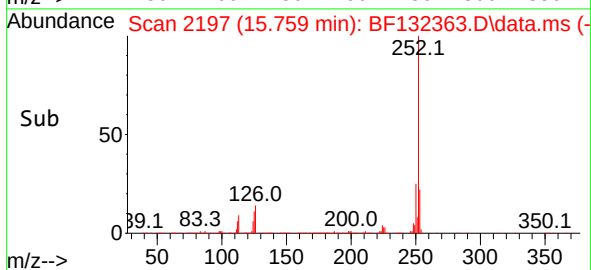
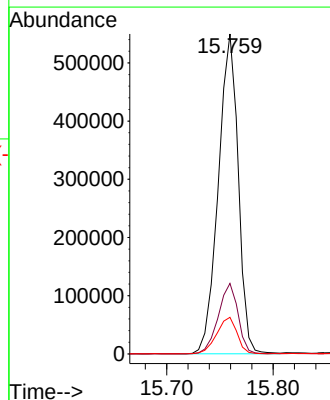
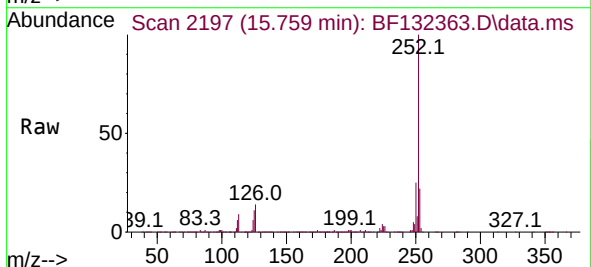
Tgt Ion:252 Resp: 714845

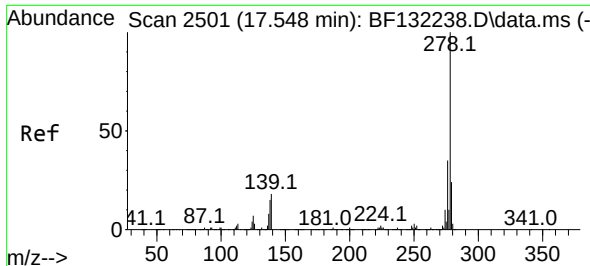
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

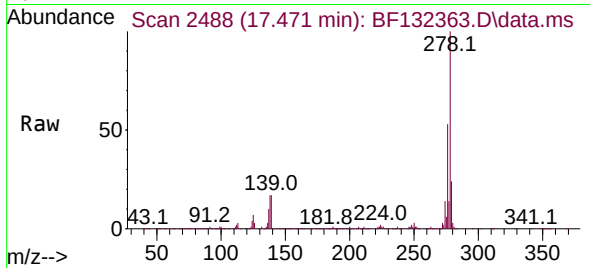
125 11.5 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 47.685 ng
RT: 17.471 min Scan# 24
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

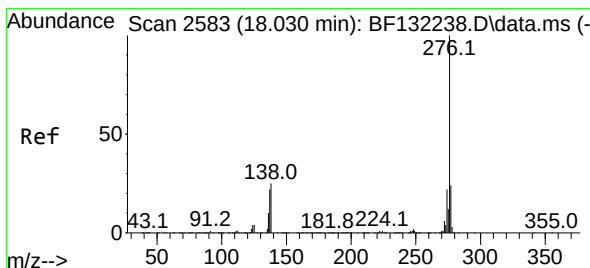
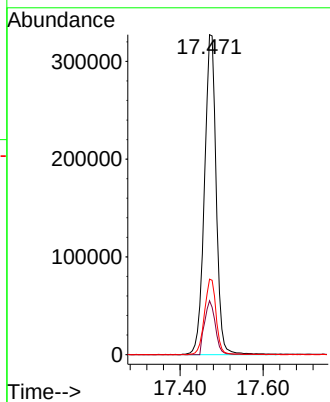
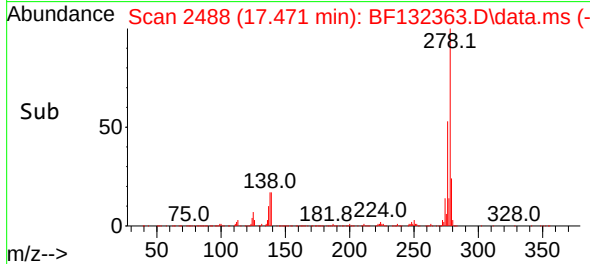
Instrument :
BNA_F
ClientSampleId :
JPP-16-020223MS



Tgt Ion:278 Resp: 640542
Ion Ratio Lower Upper
278 100
139 16.8 14.2 21.2
279 23.6 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
02/09/2023
Supervised By :Jagrut
Upadhyay
02/09/2023



#92
Benzo(g,h,i)perylene
Concen: 43.305 ng
RT: 17.953 min Scan# 2570
Delta R.T. -0.000 min
Lab File: BF132363.D
Acq: 08 Feb 2023 18:32

Tgt Ion:276 Resp: 600952
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.2
138 22.1 20.3 30.5

