

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140566.D
 Acq On : 22 Nov 2024 10:12
 Operator : RC/JU
 Sample : PB165129BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165129BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 10:52:33 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	103890	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	393577	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	219448	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	418043	20.000	ng	0.00
76) Chrysene-d12	14.051	240	271122	20.000	ng	0.00
86) Perylene-d12	15.539	264	201621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	755223	124.032	ng	0.02
7) Phenol-d6	6.516	99	971466	120.683	ng	0.00
23) Nitrobenzene-d5	7.434	82	642809	83.541	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	316478	134.843	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1267488	86.056	ng	0.00
79) Terphenyl-d14	12.986	244	1434120	82.366	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	97634	38.137	ng	100
3) Pyridine	3.528	79	224027	39.772	ng	99
4) n-Nitrosodimethylamine	3.487	42	144107	43.530	ng	99
6) Aniline	6.534	93	247364	43.659	ng	# 76
8) 2-Chlorophenol	6.663	128	297437	45.405	ng	96
9) Benzaldehyde	6.422	77	184431	43.279	ng	97
10) Phenol	6.528	94	356699	43.390	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	279990	44.508	ng	99
12) 1,3-Dichlorobenzene	6.810	146	305848	41.551	ng	99
13) 1,4-Dichlorobenzene	6.887	146	314035	42.135	ng	99
14) 1,2-Dichlorobenzene	7.039	146	298154	42.692	ng	99
15) Benzyl Alcohol	7.016	79	272758	45.691	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	343117	46.169	ng	89
17) 2-Methylphenol	7.128	107	230600	43.975	ng	98
18) Hexachloroethane	7.381	117	119312	42.862	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	212280	44.621	ng	98
20) 3+4-Methylphenols	7.281	107	301739	44.768	ng	98
22) Acetophenone	7.281	105	408503	42.574	ng	99
24) Nitrobenzene	7.457	77	327773	41.216	ng	99
25) Isophorone	7.692	82	578378	45.067	ng	100
26) 2-Nitrophenol	7.769	139	156648	44.449	ng	100
27) 2,4-Dimethylphenol	7.810	122	235671	55.891	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	346590	44.330	ng	100
29) 2,4-Dichlorophenol	8.016	162	246336	44.088	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	261644	41.013	ng	100
31) Naphthalene	8.175	128	860991	42.471	ng	99
32) Benzoic acid	7.945	122	148912	41.694	ng	98
33) 4-Chloroaniline	8.222	127	152726	25.162	ng	99
34) Hexachlorobutadiene	8.286	225	179365	42.448	ng	100
35) Caprolactam	8.598	113	74982m	43.364	ng	
36) 4-Chloro-3-methylphenol	8.716	107	278937	44.589	ng	99
37) 2-Methylnaphthalene	8.863	142	572725	44.479	ng	100
38) 1-Methylnaphthalene	8.963	142	523301	41.461	ng	98
40) 1,2,4,5-Tetrachloroben...	9.033	216	277009	43.119	ng	99
41) Hexachlorocyclopentadiene	9.016	237	277755	182.104	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	182621	45.302	ng	99

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Quant Time: Nov 22 10:52:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	187019	42.747	ng	98
46) 1,1'-Biphenyl	9.328	154	719685	43.926	ng	100
47) 2-Chloronaphthalene	9.357	162	531881	42.843	ng	99
48) 2-Nitroaniline	9.457	65	179058	44.935	ng	98
49) Acenaphthylene	9.775	152	868908	46.323	ng	100
50) Dimethylphthalate	9.633	163	660698	45.714	ng	99
51) 2,6-Dinitrotoluene	9.698	165	141910	43.294	ng	97
52) Acenaphthene	9.945	154	539241	45.244	ng	100
53) 3-Nitroaniline	9.869	138	99032	30.891	ng	96
54) 2,4-Dinitrophenol	9.980	184	147573	86.253	ng	98
55) Dibenzofuran	10.116	168	808124	44.452	ng	98
56) 4-Nitrophenol	10.045	139	203686	93.162	ng	97
57) 2,4-Dinitrotoluene	10.104	165	194713	44.697	ng	99
58) Fluorene	10.463	166	638887	43.783	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	166426	49.497	ng	96
60) Diethylphthalate	10.333	149	670442	45.657	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	320230	44.717	ng	99
62) 4-Nitroaniline	10.486	138	145934	43.403	ng	98
63) Azobenzene	10.610	77	633390	45.548	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	104311	48.830	ng	97
66) n-Nitrosodiphenylamine	10.575	169	556649	45.027	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	192556	44.726	ng	98
68) Hexachlorobenzene	11.010	284	220576	44.248	ng	97
69) Atrazine	11.098	200	186516	53.630	ng	99
70) Pentachlorophenol	11.210	266	219460	100.026	ng	99
71) Phenanthrene	11.427	178	910252	45.298	ng	100
72) Anthracene	11.480	178	913011	46.448	ng	100
73) Carbazole	11.633	167	841387	44.495	ng	100
74) Di-n-butylphthalate	11.957	149	1032166	47.279	ng	100
75) Fluoranthene	12.616	202	992752	45.502	ng	99
77) Benzidine	12.739	184	232625	29.511	ng	99
78) Pyrene	12.851	202	1019845	40.682	ng	99
80) Butylbenzylphthalate	13.463	149	418148	46.303	ng	99
81) Benzo(a)anthracene	14.039	228	809082	45.081	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	167396	31.066	ng	100
83) Chrysene	14.080	228	751010	45.763	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	570976	50.072	ng	99
85) Di-n-octyl phthalate	14.639	149	884890	56.782	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	571988	43.532	ng	99
88) Benzo(b)fluoranthene	15.104	252	587836	46.418	ng	99
89) Benzo(k)fluoranthene	15.133	252	576830	52.050	ng	99
90) Benzo(a)pyrene	15.474	252	509901	49.520	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	463015	43.028	ng	99
92) Benzo(g,h,i)perylene	17.503	276	425548	38.754	ng	99

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

Manual Integrations

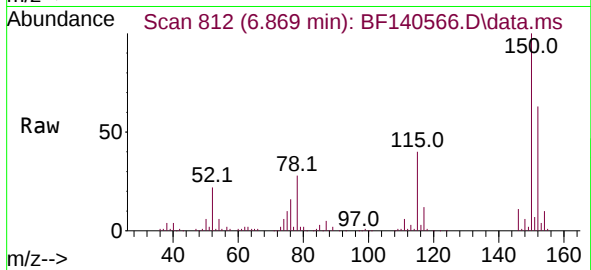
Quant Time: Nov 22 10:52:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140566.D
 Acq: 22 Nov 2024 10:12

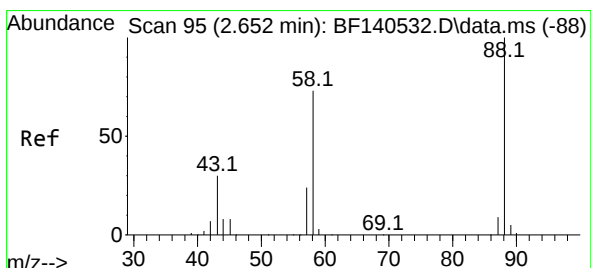
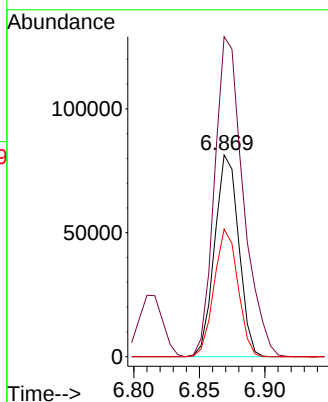
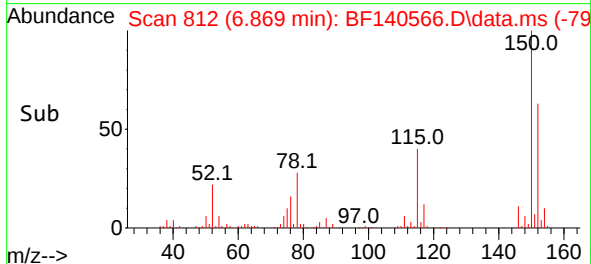
Instrument :
 BNA_F
 ClientSampleId :
 PB165129BS



Tgt Ion:152 Resp: 103890
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.5 192.7
 115 63.2 50.2 75.4

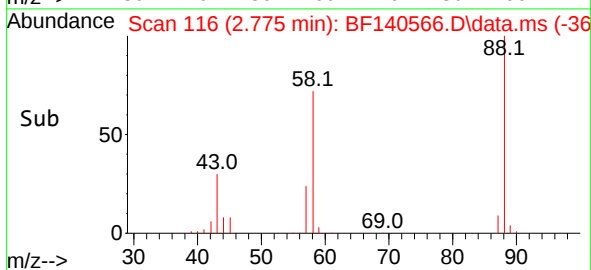
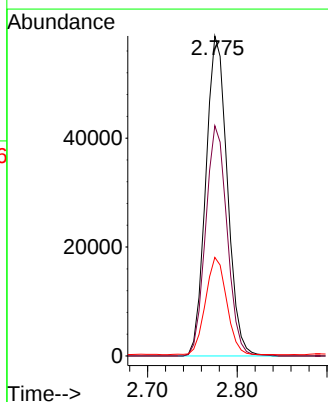
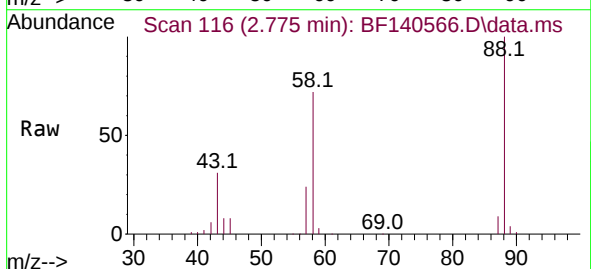
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#2
 1,4-Dioxane
 Concen: 38.137 ng
 RT: 2.775 min Scan# 116
 Delta R.T. 0.123 min
 Lab File: BF140566.D
 Acq: 22 Nov 2024 10:12

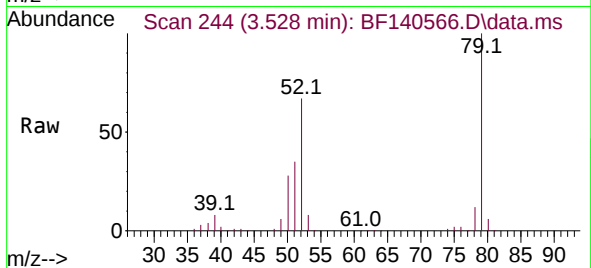
Tgt Ion: 88 Resp: 97634
 Ion Ratio Lower Upper
 88 100
 58 71.9 57.4 86.2
 43 30.0 24.3 36.5





#3
Pyridine
Concen: 39.772 ng
RT: 3.528 min Scan# 244
Delta R.T. 0.106 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

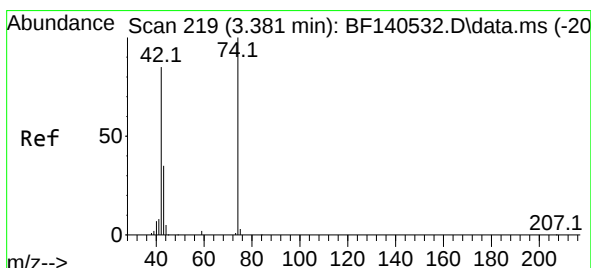
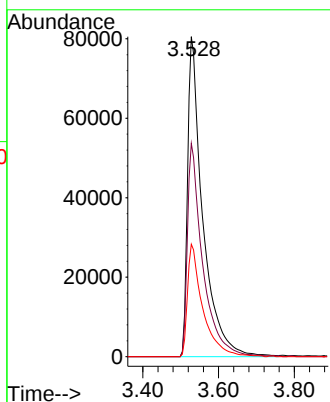
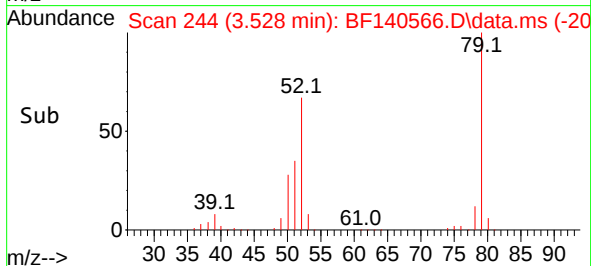
Instrument :
BNA_F
ClientSampleId :
PB165129BS



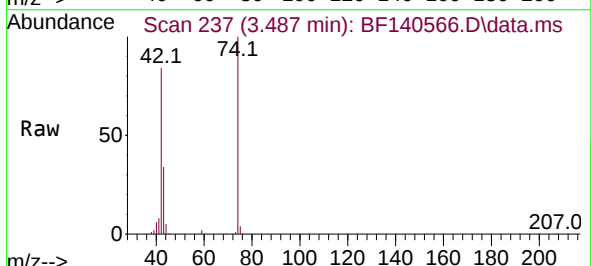
Tgt Ion: 79 Resp: 22402
Ion Ratio Lower Upper
79 100
52 66.7 52.1 78.1
51 35.1 27.8 41.8

Manual Integrations
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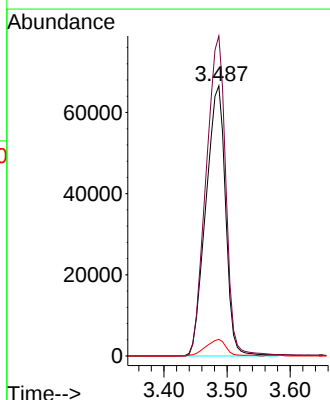
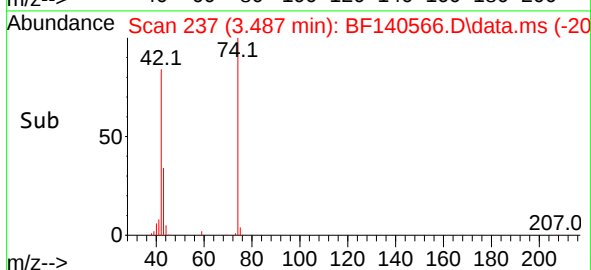
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#4
n-Nitrosodimethylamine
Concen: 43.530 ng
RT: 3.487 min Scan# 237
Delta R.T. 0.106 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



Tgt Ion: 42 Resp: 144107
Ion Ratio Lower Upper
42 100
74 118.5 93.8 140.6
44 6.2 4.6 6.8





#5
2-Fluorophenol
Concen: 124.032 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

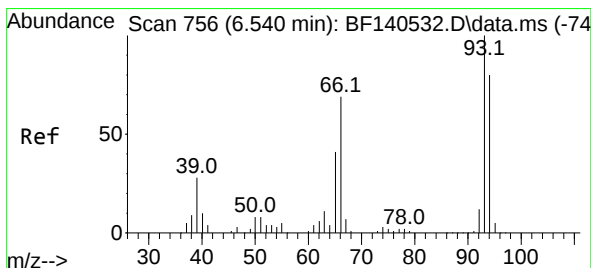
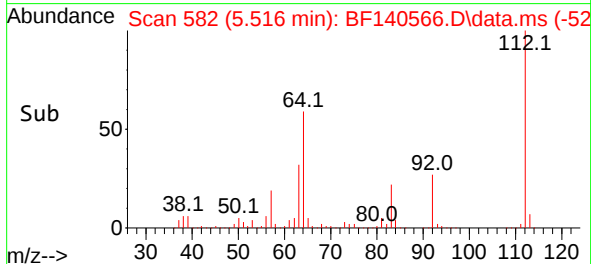
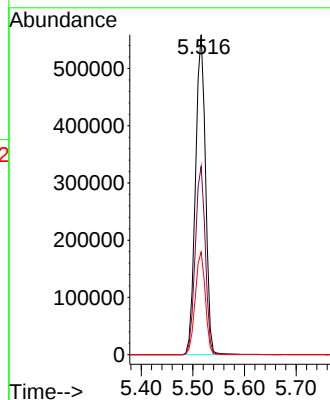
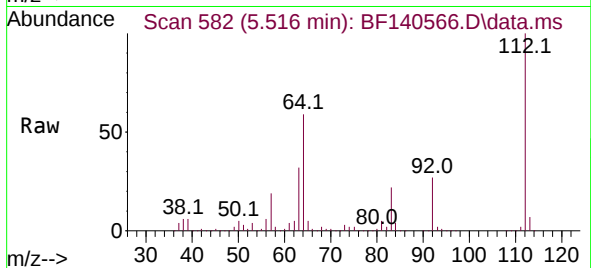
PB165129BS

Tgt Ion:112 Resp: 75522
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 32.1 27.0 40.4

Manual Integrations

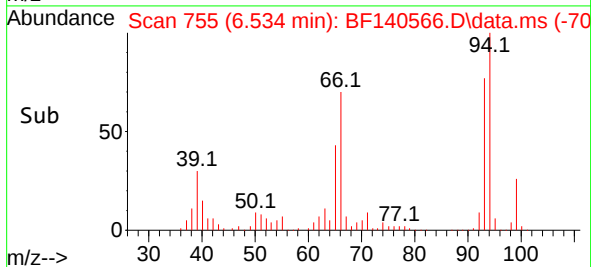
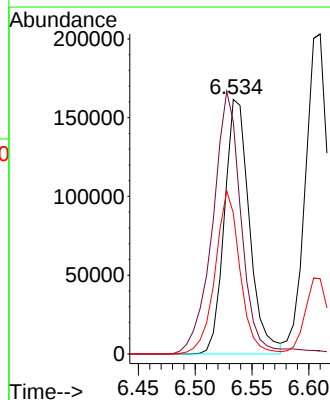
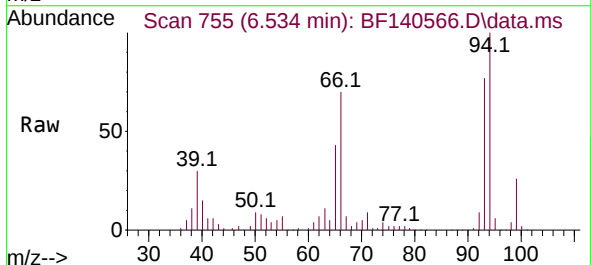
APPROVED

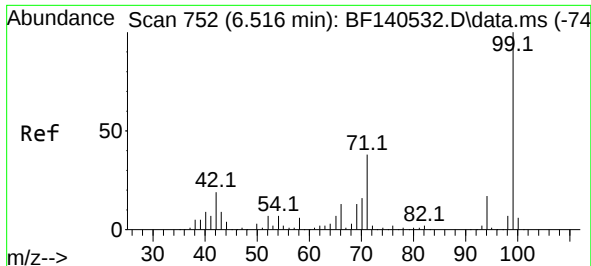
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 43.659 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion: 93 Resp: 247364
Ion Ratio Lower Upper
93 100
66 91.0 56.5 84.7#
65 55.3 32.9 49.3#





#7

Phenol-d6

Concen: 120.683 ng

RT: 6.516 min Scan# 714

Delta R.T. -0.000 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

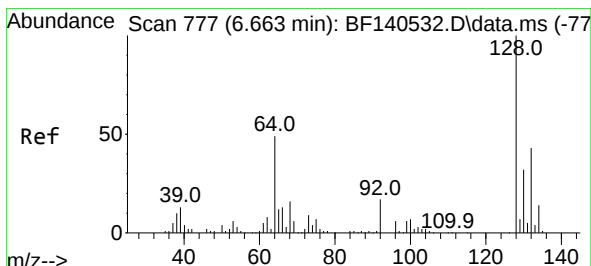
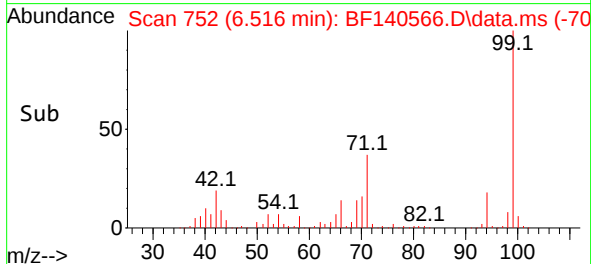
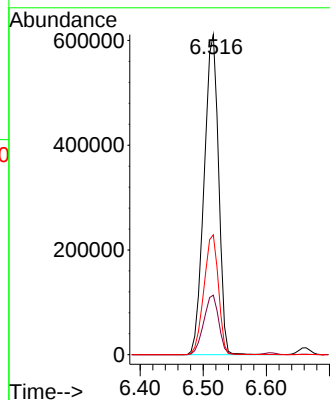
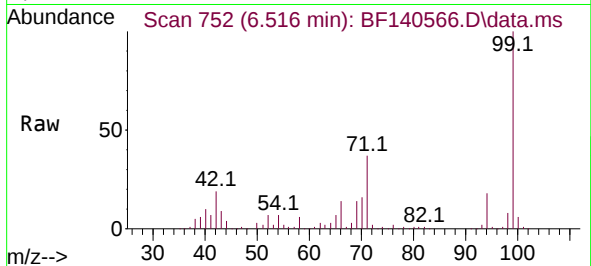
PB165129BS

Tgt Ion:	99	Resp:	971460
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.4	23.0
71	37.5	30.6	46.0

Manual Integrations

APPROVED

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#8

2-Chlorophenol

Concen: 45.405 ng

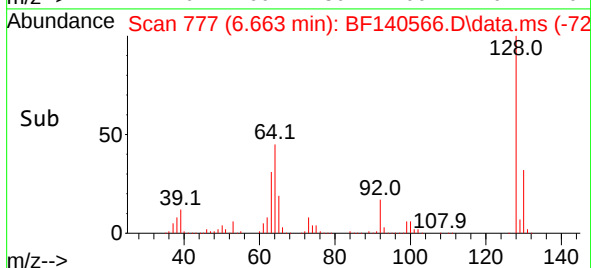
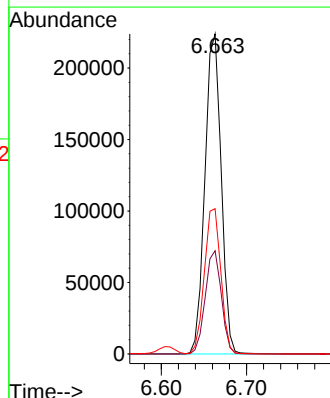
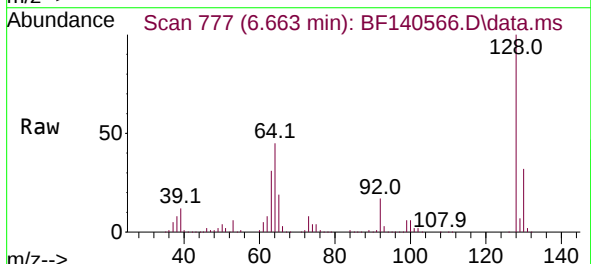
RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Tgt Ion:	128	Resp:	297437
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	45.4	30.2	70.2





#9
Benzaldehyde
Concen: 43.279 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

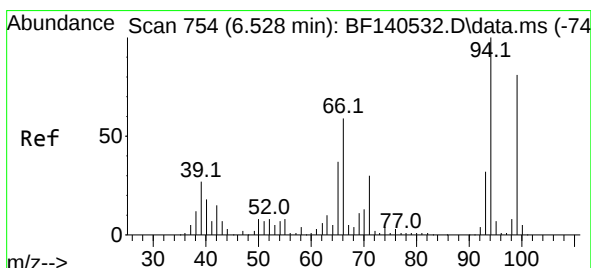
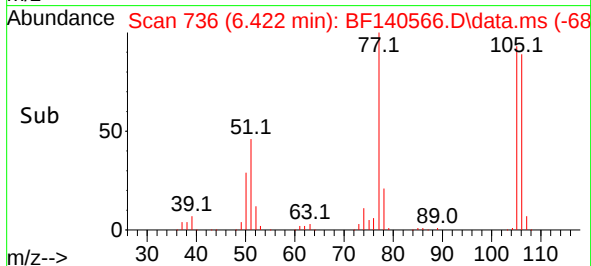
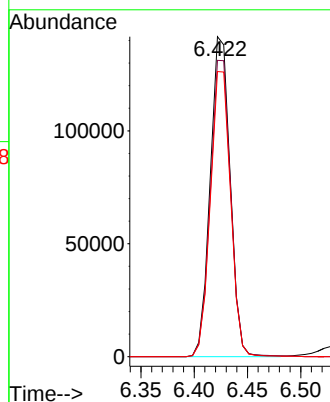
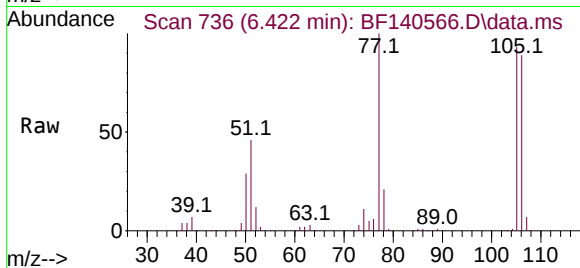
Instrument : BNA_F
ClientSampleId : PB165129BS

Tgt Ion: 77 Resp: 18443

Ion	Ratio	Lower	Upper
77	100		
105	92.6	75.6	115.6
106	89.1	72.0	112.0

Manual Integrations
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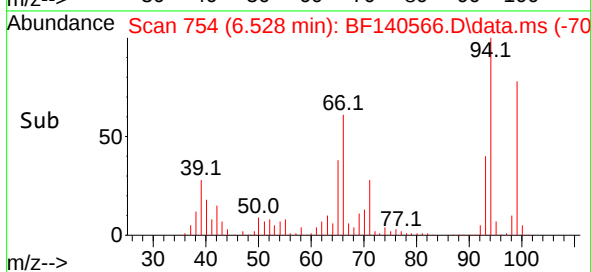
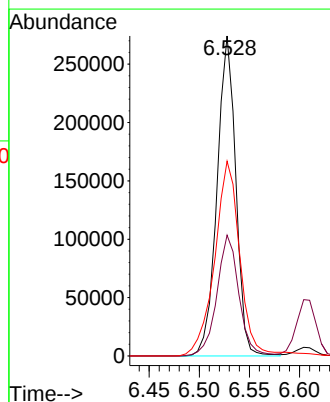
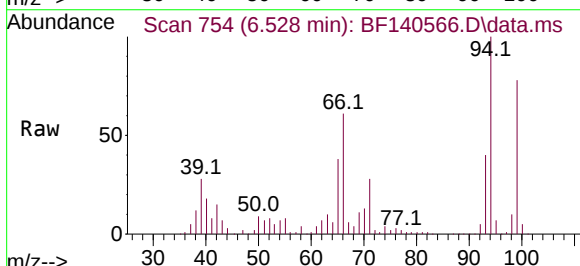
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 43.390 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion: 94 Resp: 356699

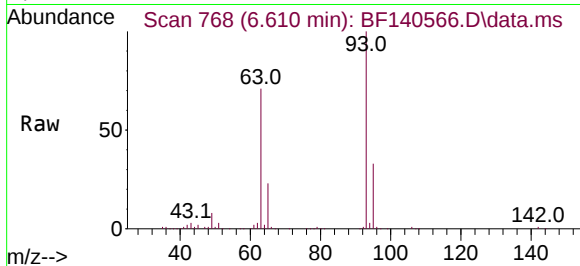
Ion	Ratio	Lower	Upper
94	100		
65	37.8	17.2	57.2
66	60.9	39.2	79.2





#11
bis(2-Chloroethyl)ether
Concen: 44.508 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

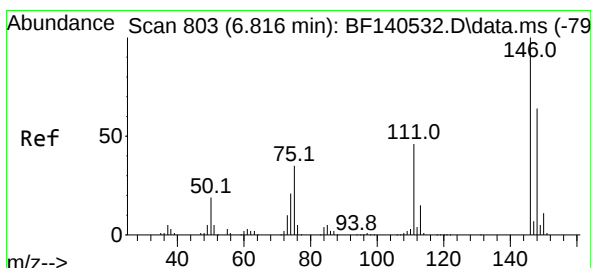
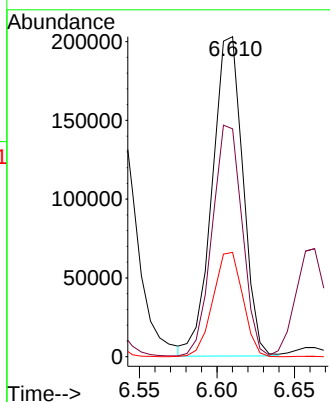
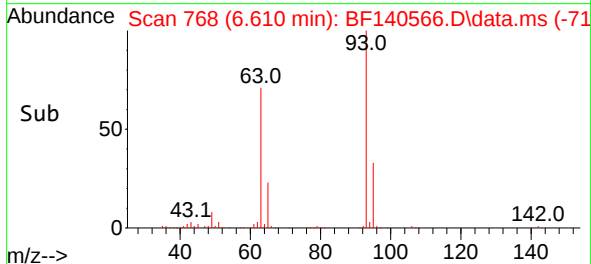
Instrument :
BNA_F
ClientSampleId :
PB165129BS



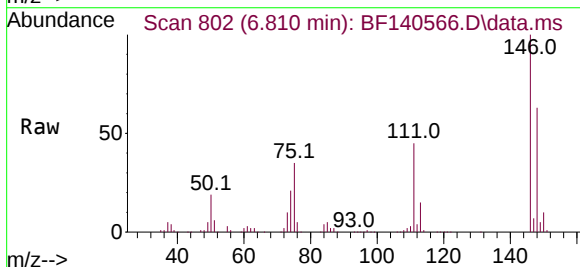
Tgt Ion: 93 Resp: 279990
Ion Ratio Lower Upper
93 100
63 71.2 52.8 92.8
95 32.6 12.3 52.3

Manual Integrations
APPROVED

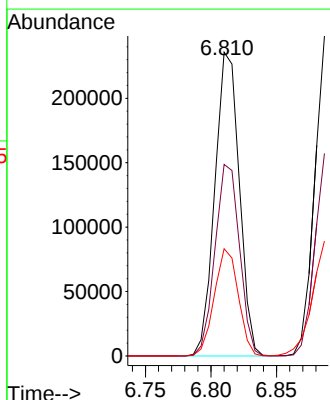
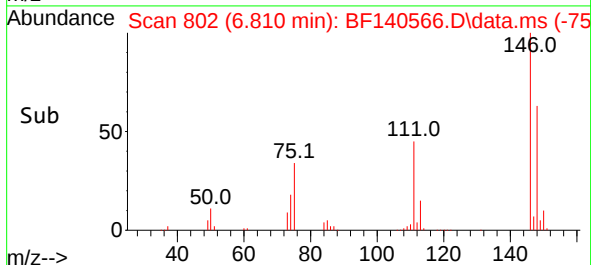
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 41.551 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



Tgt Ion:146 Resp: 305848
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
75 35.3 28.2 42.2





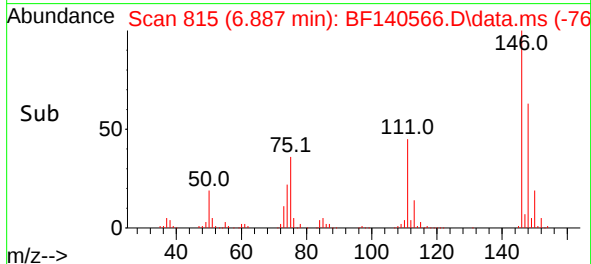
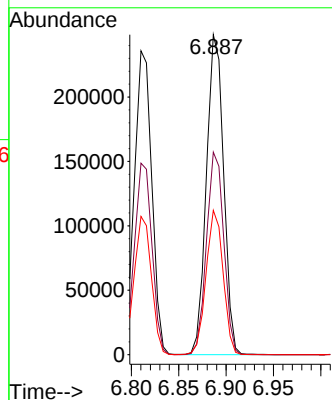
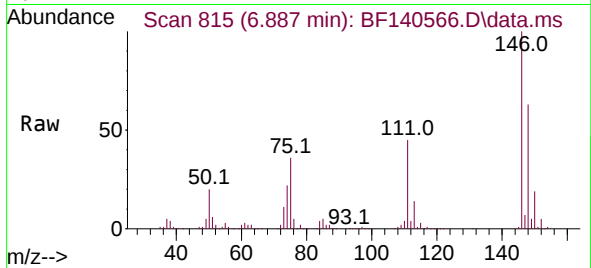
#13
1,4-Dichlorobenzene
Concen: 42.135 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :
BNA_F
ClientSampleId :
PB165129BS

Tgt Ion:146 Resp: 31403
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 45.1 35.3 52.9

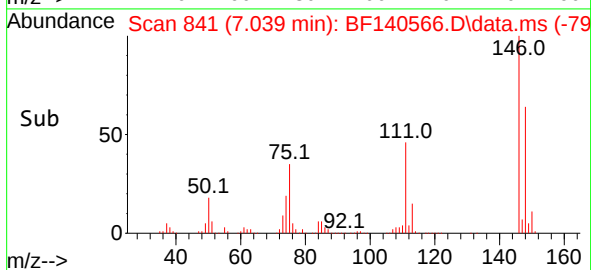
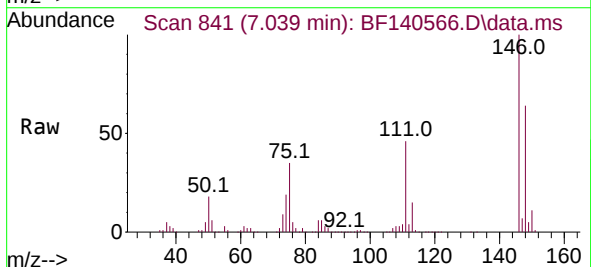
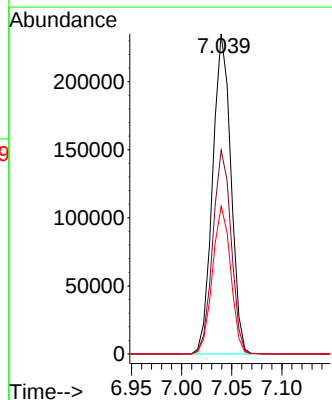
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 42.692 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:146 Resp: 298154
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 46.1 36.7 55.1





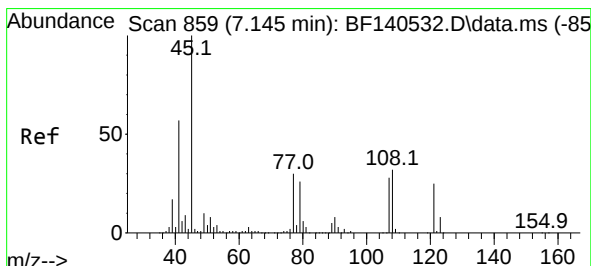
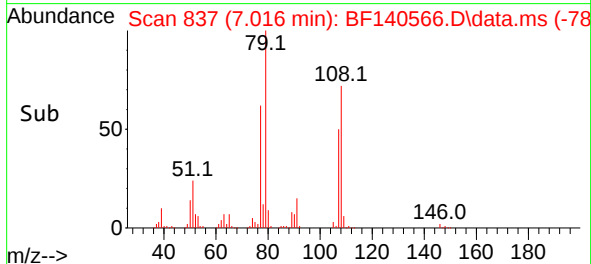
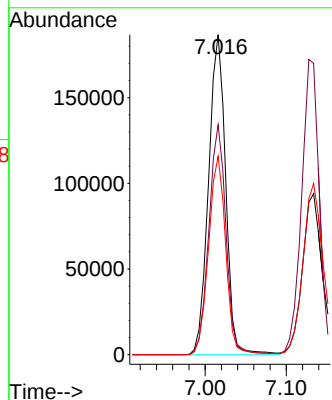
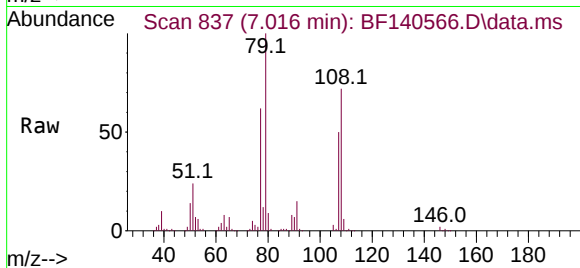
#15
Benzyl Alcohol
Concen: 45.691 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :
BNA_F
ClientSampleId :
PB165129BS

Tgt Ion: 79 Resp: 272758
Ion Ratio Lower Upper
79 100
108 71.8 55.0 82.6
77 62.0 50.1 75.1

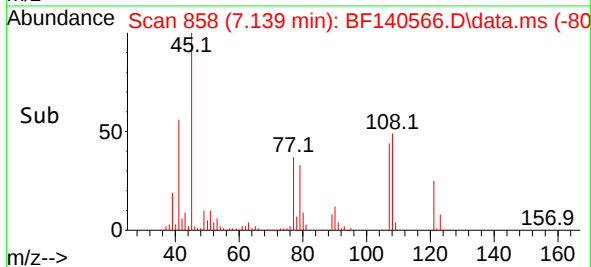
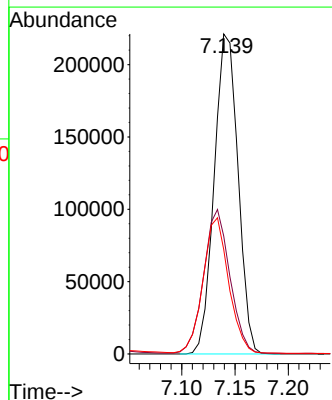
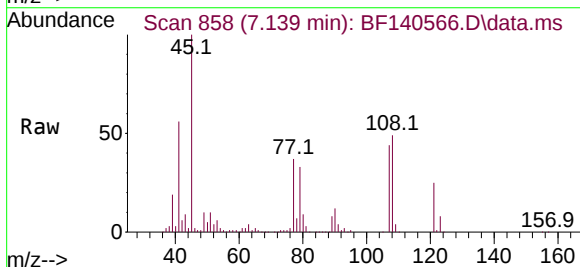
Manual Integrations
APPROVED

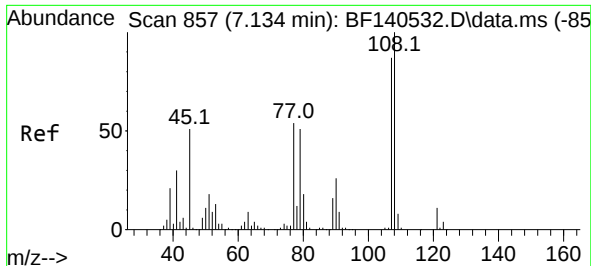
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.169 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

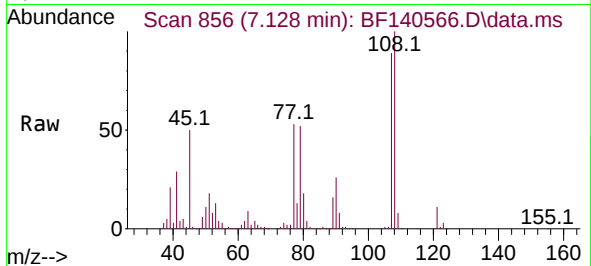
Tgt Ion: 45 Resp: 343117
Ion Ratio Lower Upper
45 100
77 36.8 10.7 50.7
79 32.6 7.0 47.0





#17
2-Methylphenol
Concen: 43.975 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

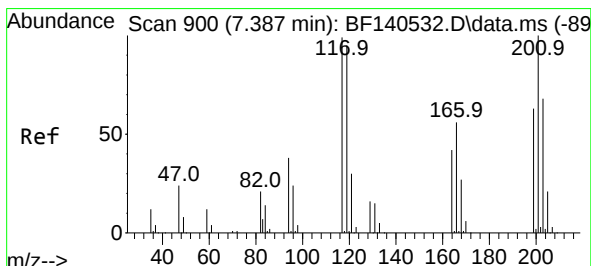
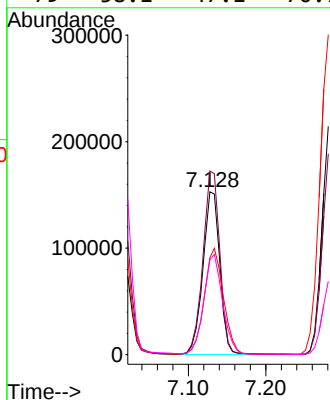
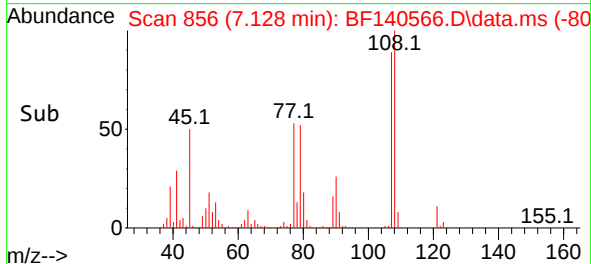
Instrument :
BNA_F
ClientSampleId :
PB165129BS



Tgt Ion:	107	Resp:	230600
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	59.5	49.3	73.9
79	58.1	47.1	70.7

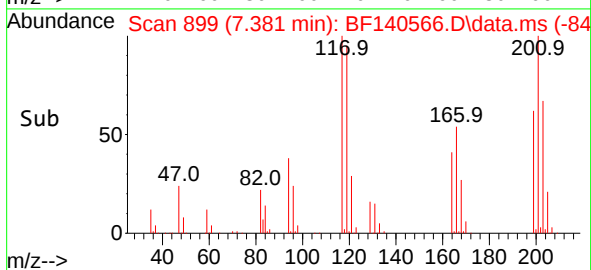
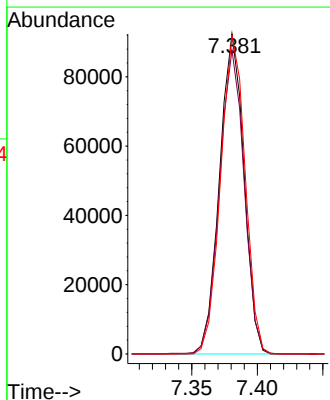
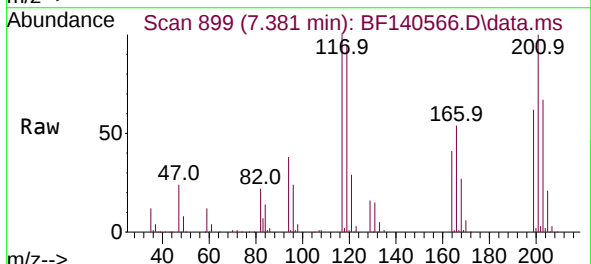
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 42.862 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:	117	Resp:	119312
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.1	115.7
201	99.6	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.621 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140566.D

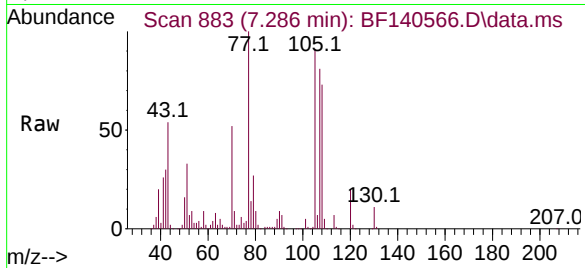
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS



Tgt Ion: 70 Resp: 212280

Ion Ratio Lower Upper

70 100

42 57.5 47.6 71.4

101 10.0 7.6 11.4

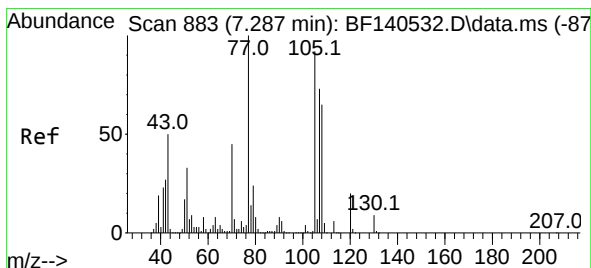
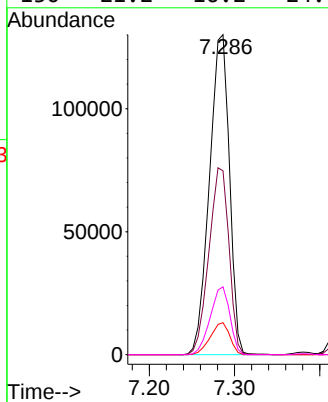
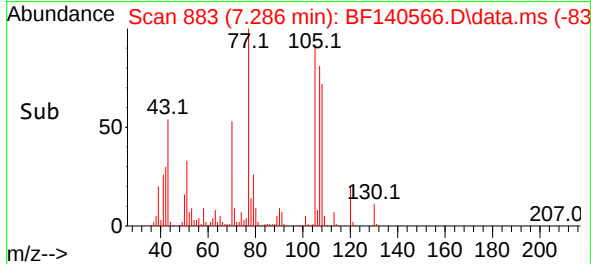
130 21.2 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024

Supervised By :mohammad ahmed 11/27/2024



#20

3+4-Methylphenols

Concen: 44.768 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Tgt Ion:107 Resp: 301739

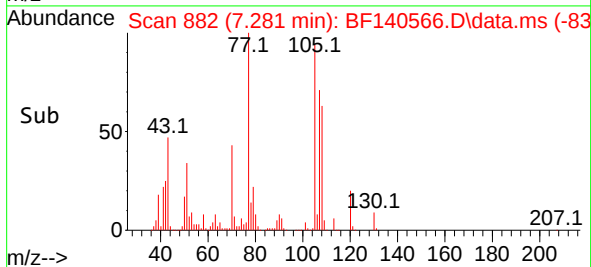
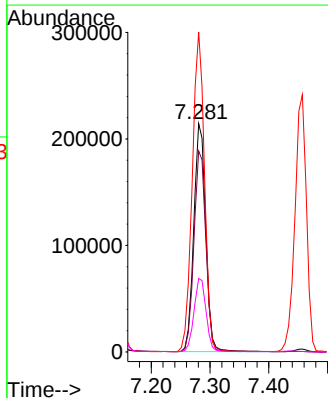
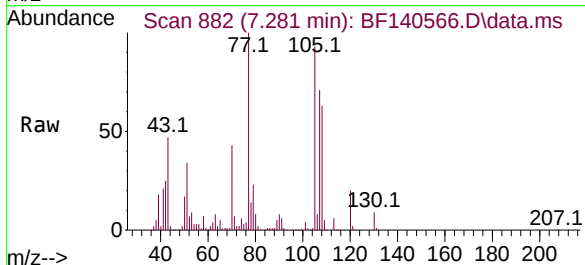
Ion Ratio Lower Upper

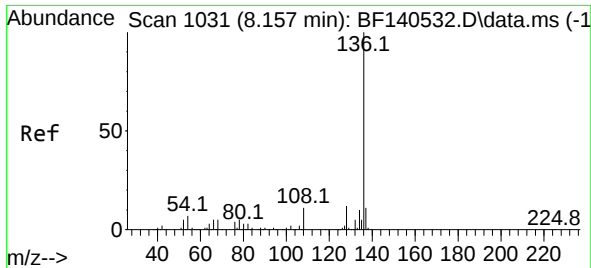
107 100

108 88.0 69.9 109.9

77 140.1 117.7 157.7

79 32.1 13.4 53.4





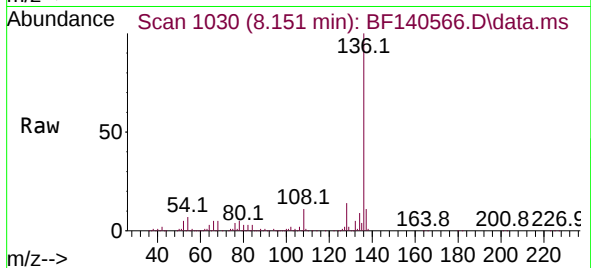
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS

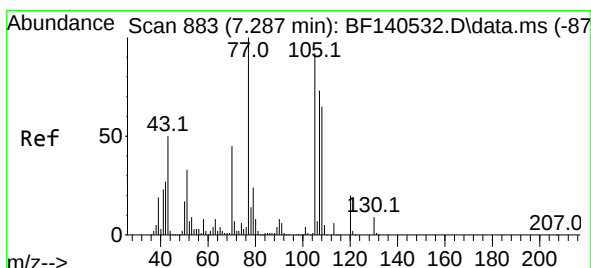
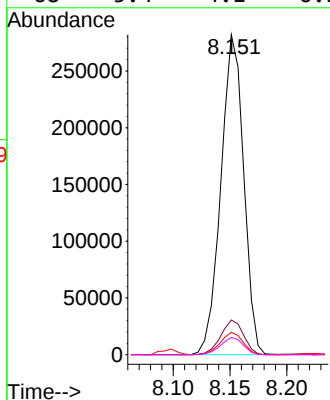
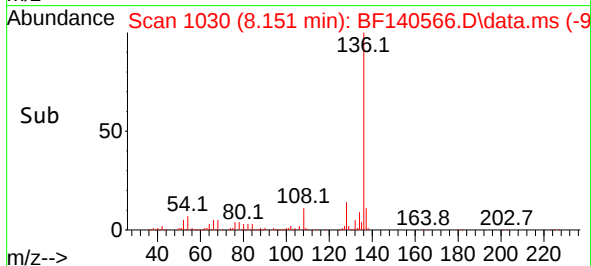


Tgt Ion:136 Resp: 39357
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.0 5.8 8.8
68 5.4 4.1 6.1

Manual Integrations

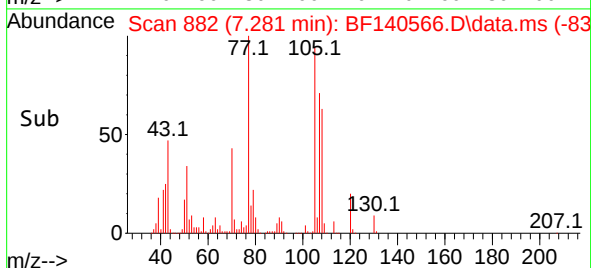
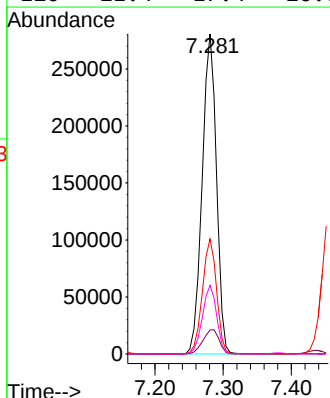
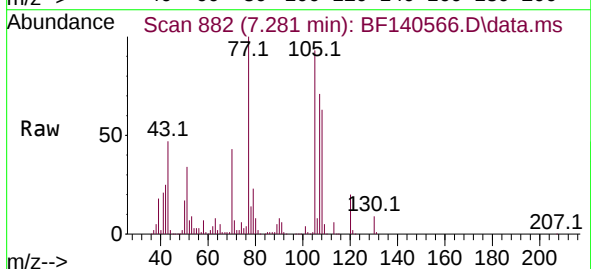
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 42.574 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:105 Resp: 408503
Ion Ratio Lower Upper
105 100
71 7.5 6.2 9.2
51 36.0 29.0 43.6
120 21.4 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.541 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS

Tgt Ion: 82 Resp: 642809

Ion Ratio Lower Upper

82 100

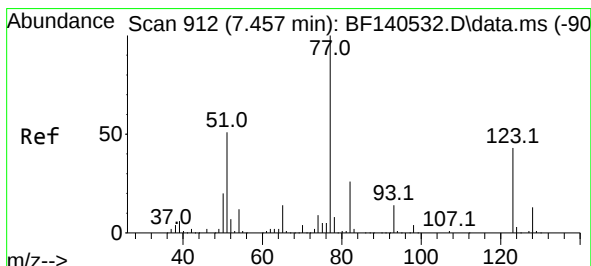
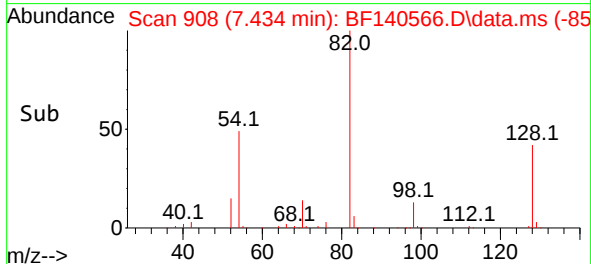
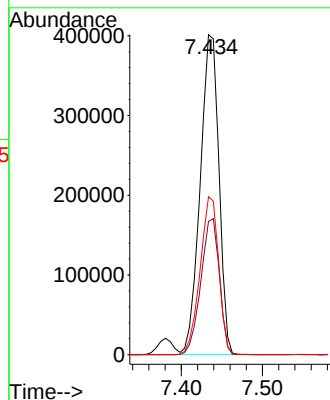
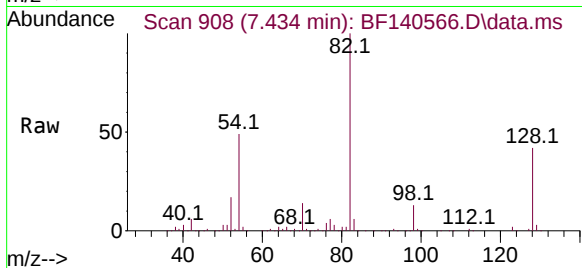
128 41.6 33.0 49.4

54 49.4 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 41.216 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

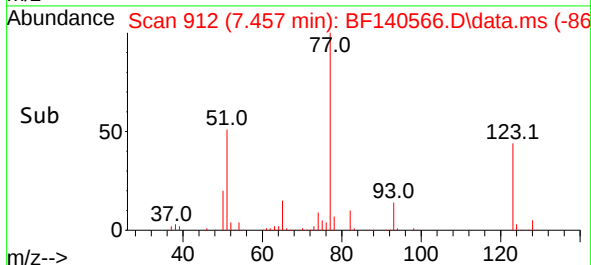
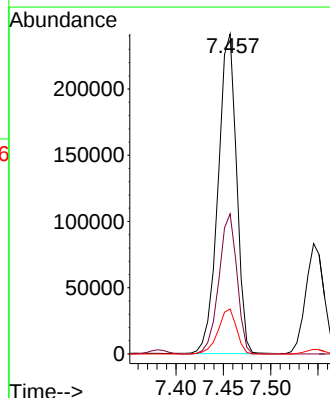
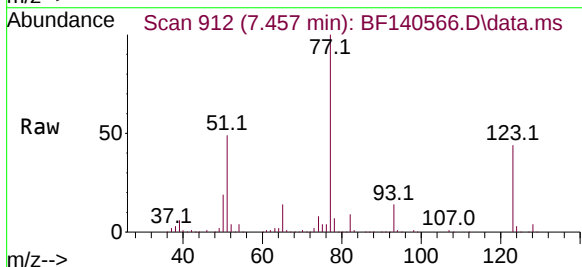
Tgt Ion: 77 Resp: 327773

Ion Ratio Lower Upper

77 100

123 43.8 34.3 51.5

65 14.0 11.2 16.8





#25
Isophorone
Concen: 45.067 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

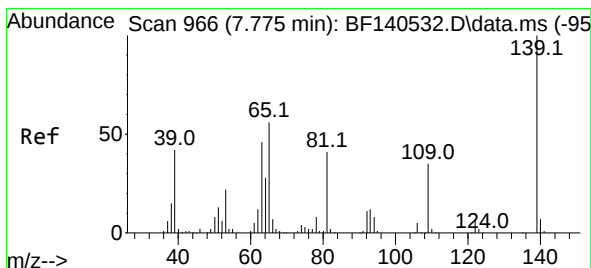
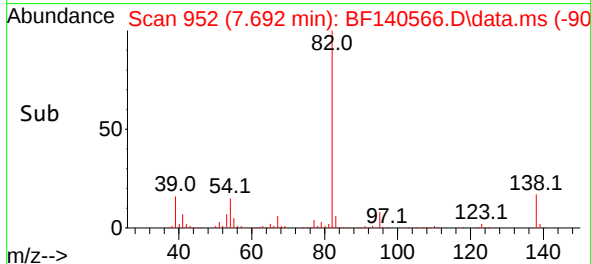
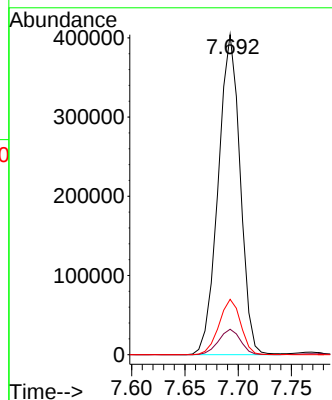
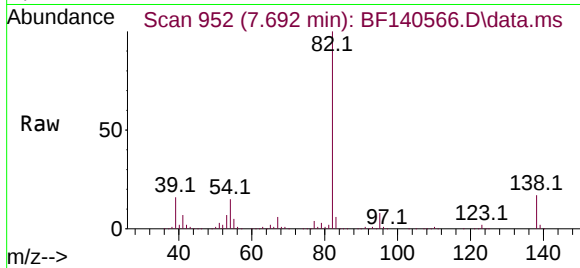
ClientSampleId :

PB165129BS

Tgt Ion: 82 Resp: 578378
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.3 13.8 20.6

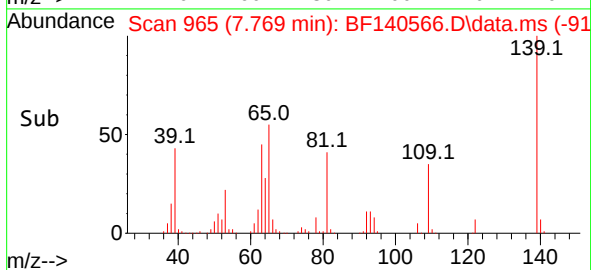
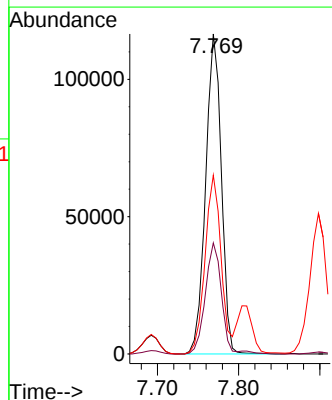
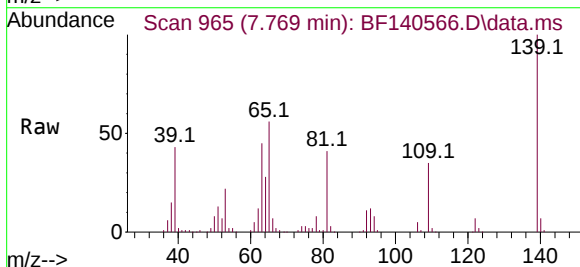
Manual Integrations
APPROVED

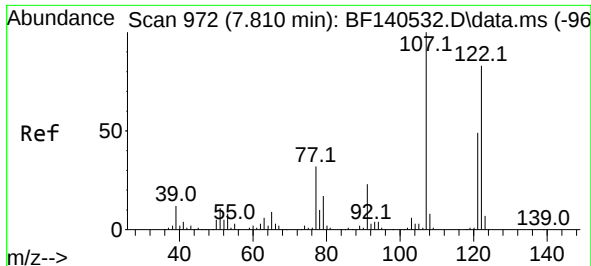
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 44.449 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:139 Resp: 156648
Ion Ratio Lower Upper
139 100
109 34.7 28.0 42.0
65 55.9 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 55.891 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

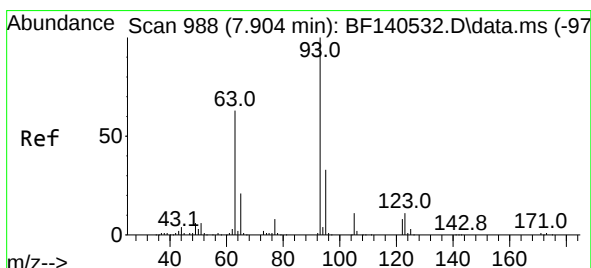
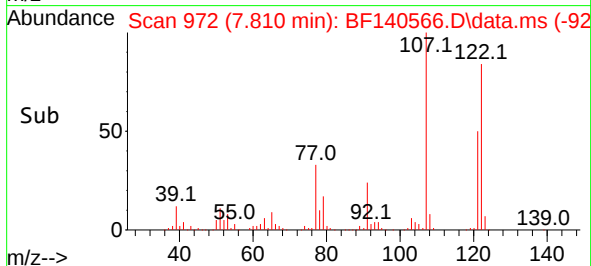
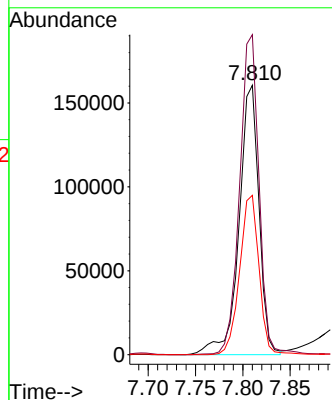
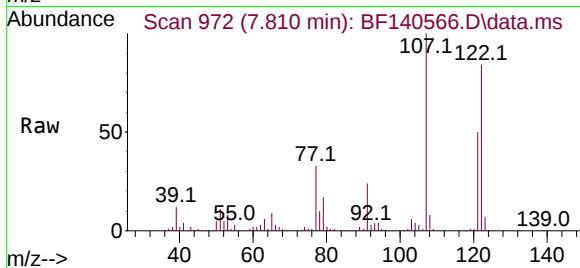
PB165129BS

Tgt Ion:122 Resp: 23567
Ion Ratio Lower Upper
122 100
107 118.7 96.8 145.2
121 59.1 47.4 71.0

Manual Integrations

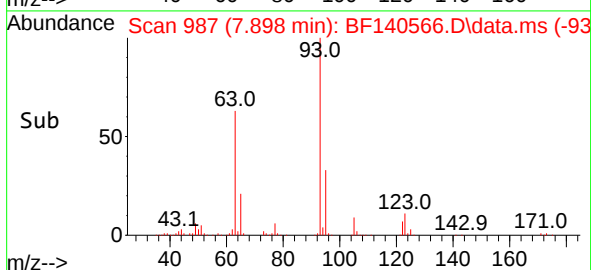
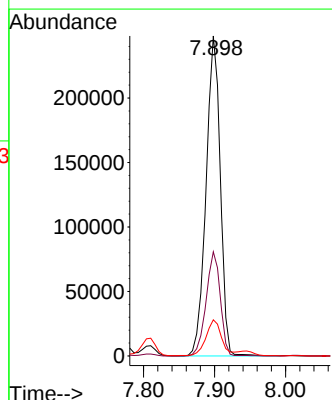
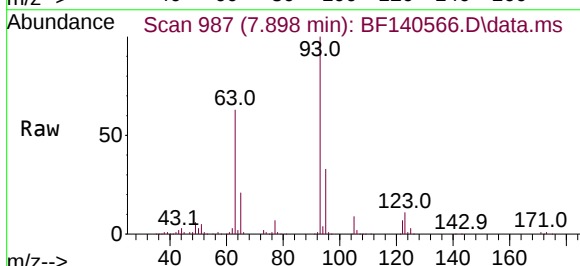
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.330 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion: 93 Resp: 346590
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.088 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

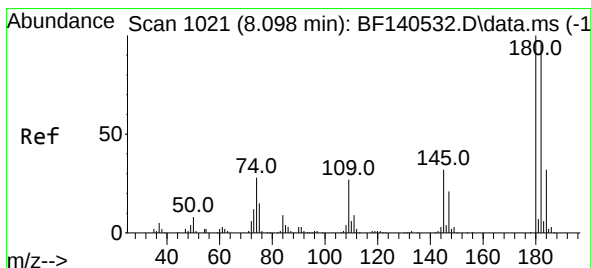
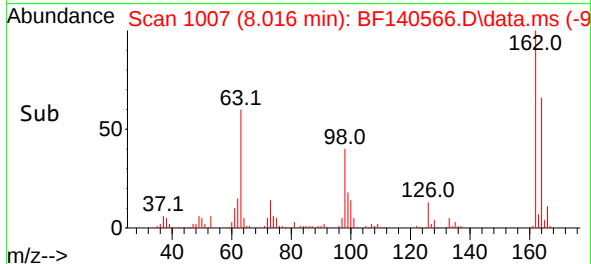
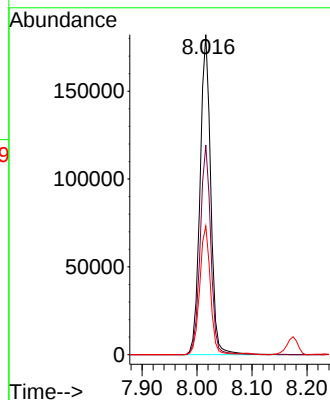
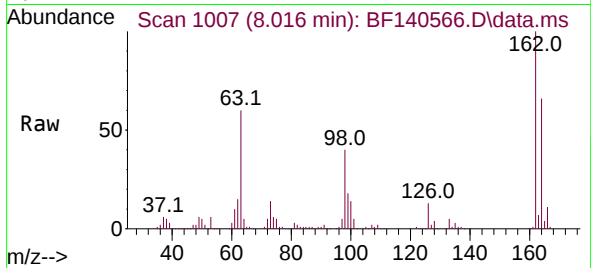
PB165129BS

Tgt Ion:162 Resp: 246330
 Ion Ratio Lower Upper
 162 100
 164 65.5 44.8 84.8
 98 40.2 21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.013 ng

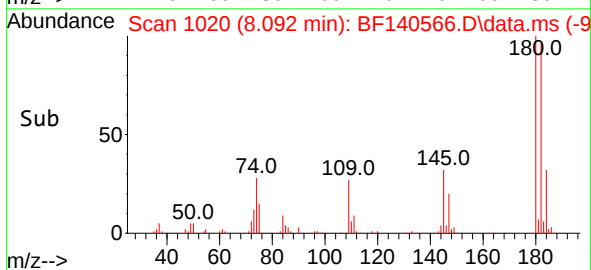
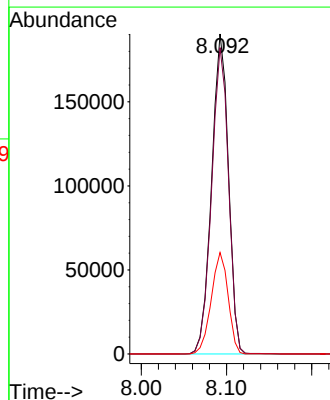
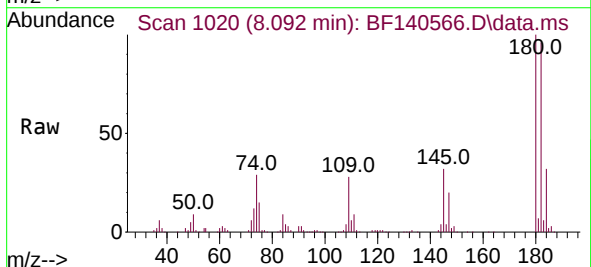
RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Tgt Ion:180 Resp: 261644
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.4 114.6
 145 31.7 25.9 38.9





#31
Naphthalene
Concen: 42.471 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

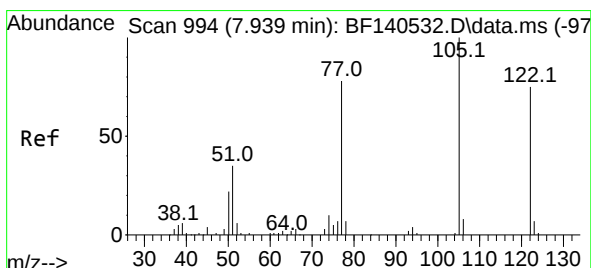
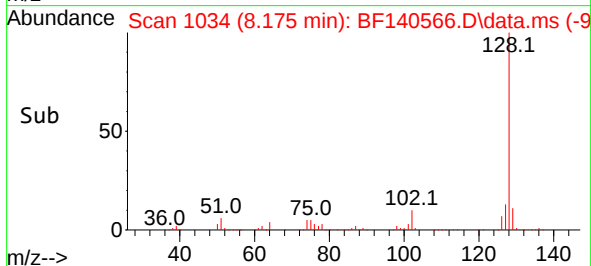
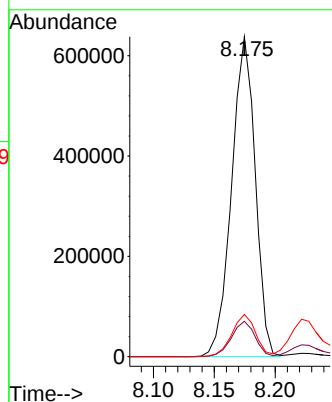
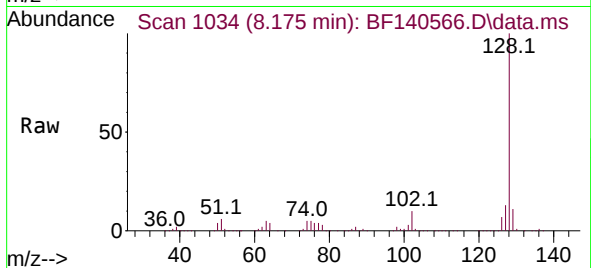
PB165129BS

Tgt Ion:128 Resp: 86099
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.8 16.2

Manual Integrations

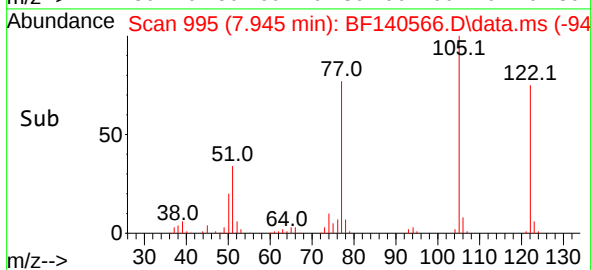
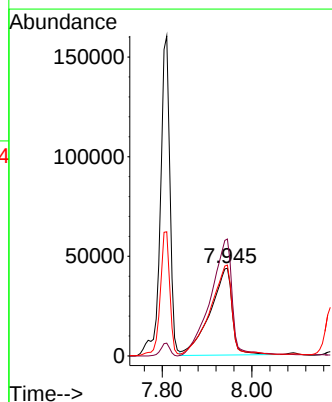
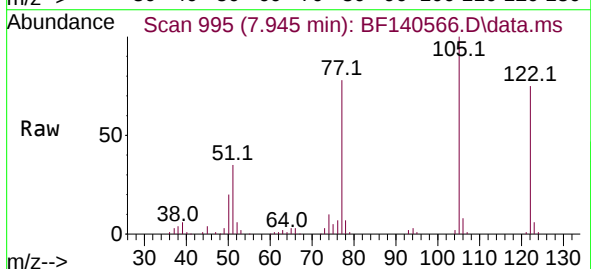
APPROVED

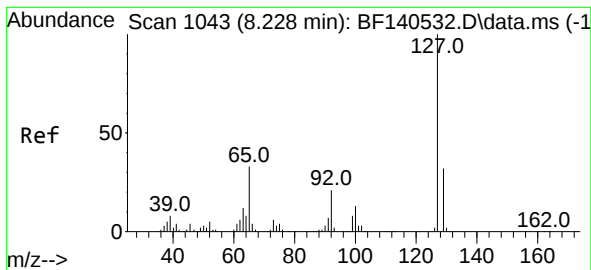
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 41.694 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:122 Resp: 148912
Ion Ratio Lower Upper
122 100
105 133.3 109.3 149.3
77 103.5 82.3 122.3





#33
4-Chloroaniline
Concen: 25.162 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

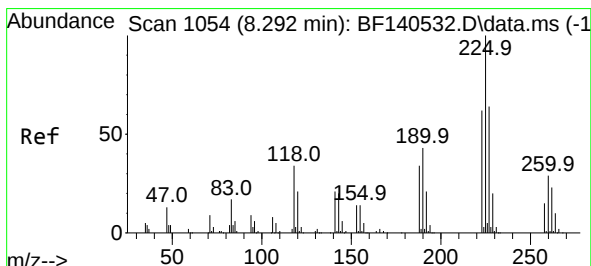
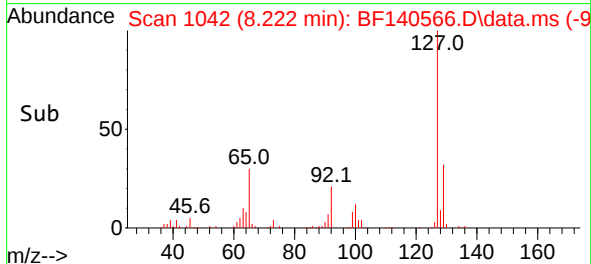
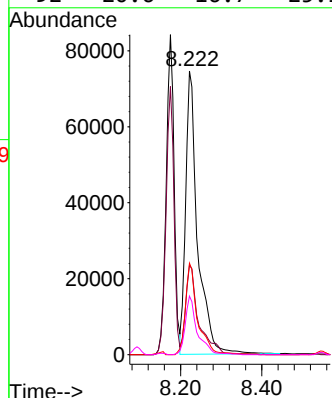
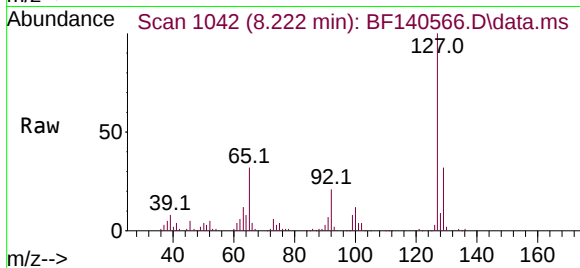
ClientSampleId :

PB165129BS

Tgt Ion:127 Resp: 152720
Ion Ratio Lower Upper
127 100
129 31.6 26.0 39.0
65 32.3 26.0 39.0
92 20.6 16.7 25.1

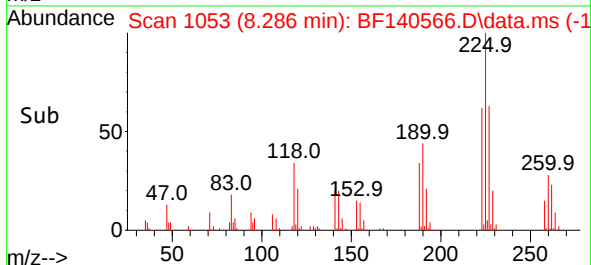
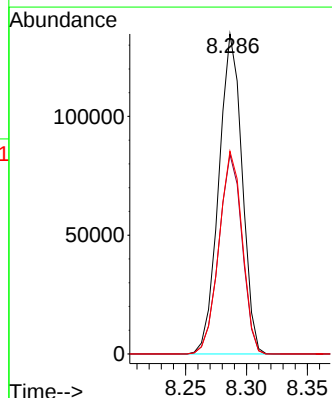
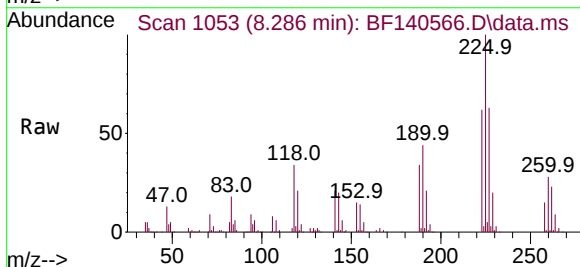
Manual Integrations
APPROVED

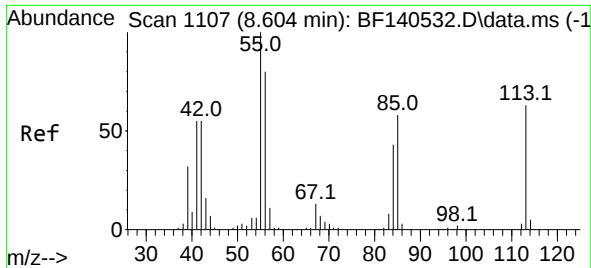
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 42.448 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:225 Resp: 179365
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.8
227 63.4 51.3 76.9





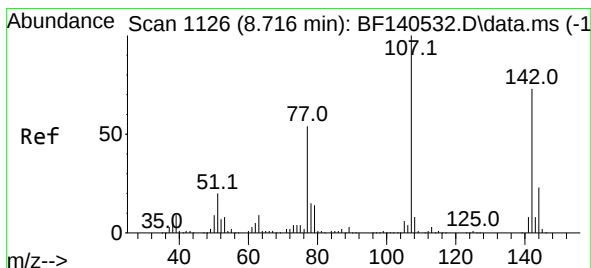
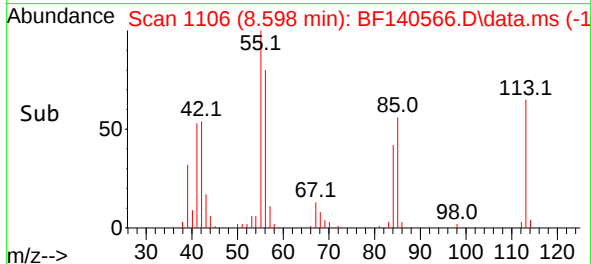
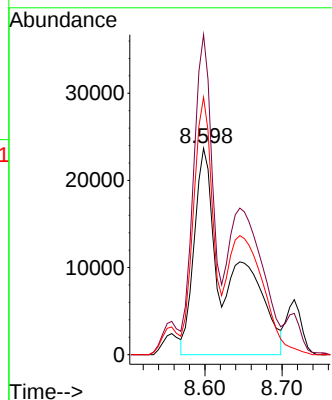
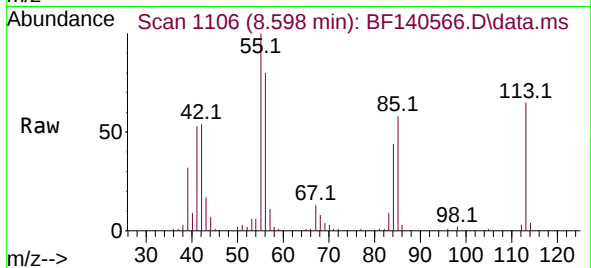
#35
Caprolactam
Concen: 43.364 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :
BNA_F
ClientSampleId :
PB165129BS

Tgt Ion:113 Resp: 7498
Ion Ratio Lower Upper
113 100
55 155.0 137.7 177.7
56 124.7 106.4 146.4

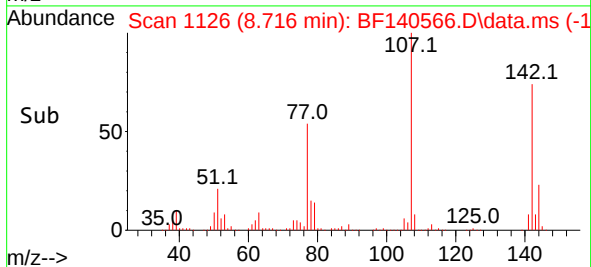
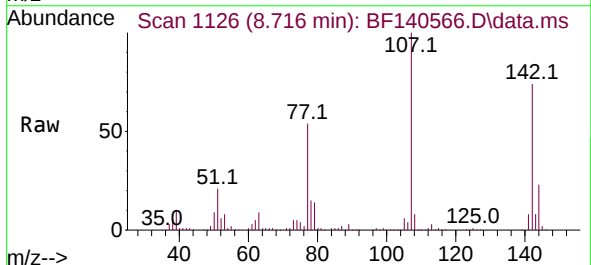
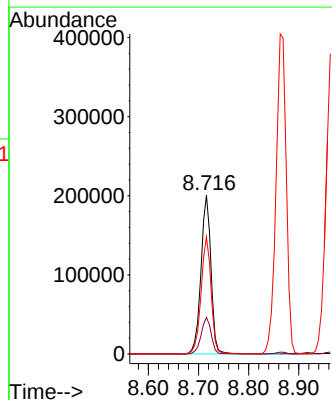
Manual Integrations
APPROVED

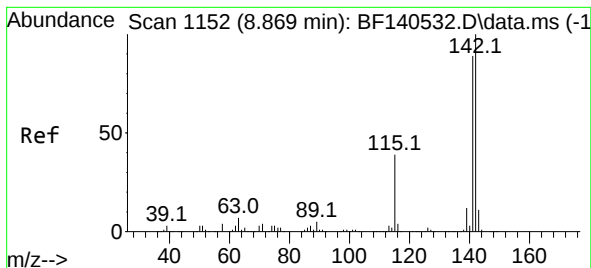
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 44.589 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:107 Resp: 278937
Ion Ratio Lower Upper
107 100
144 23.0 18.7 28.1
142 73.7 58.3 87.5





#37

2-Methylnaphthalene

Concen: 44.479 ng

RT: 8.863 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS

Tgt Ion:142 Resp: 572725

Ion Ratio Lower Upper

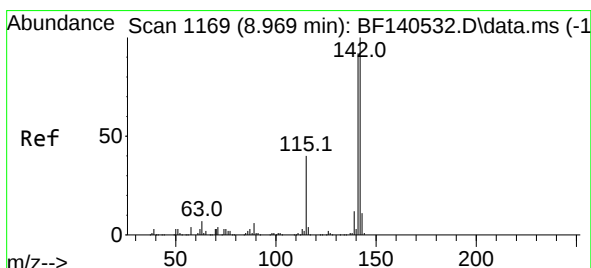
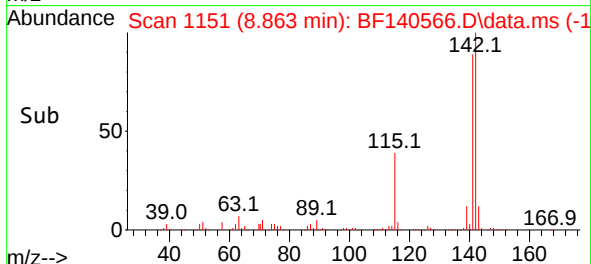
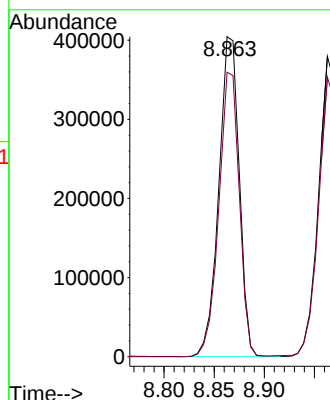
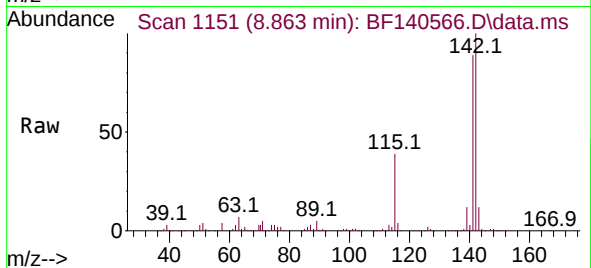
142 100

141 88.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#38

1-Methylnaphthalene

Concen: 41.461 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140566.D

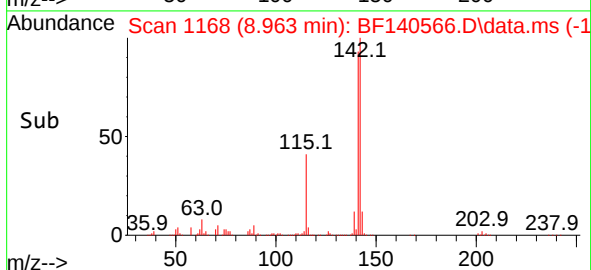
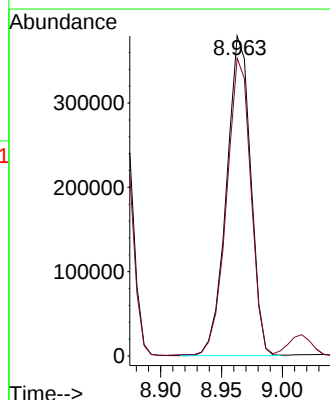
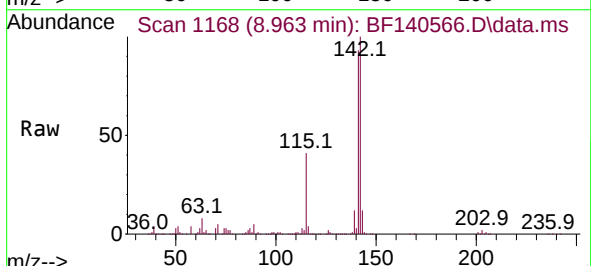
Acq: 22 Nov 2024 10:12

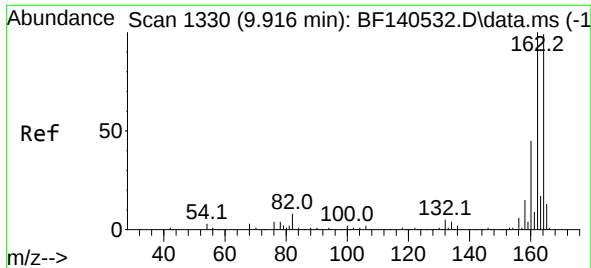
Tgt Ion:142 Resp: 523301

Ion Ratio Lower Upper

142 100

141 93.1 73.3 109.9





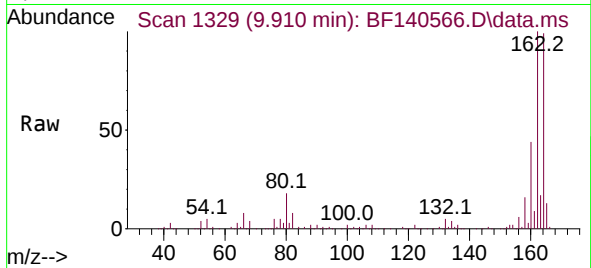
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS

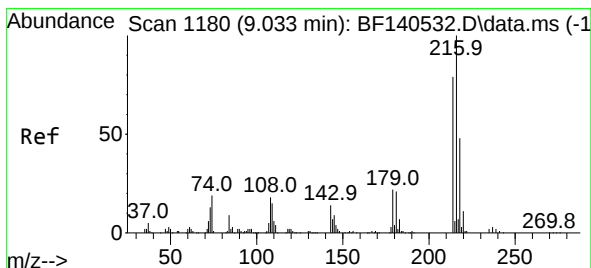
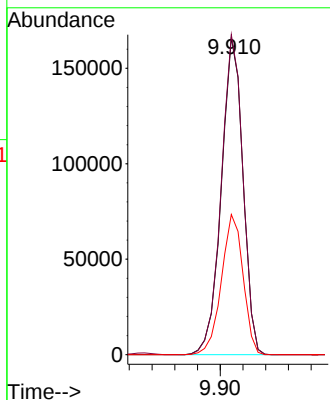
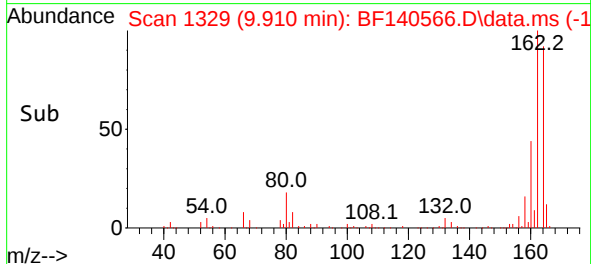


Tgt Ion:164 Resp: 219448
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.2 36.2 54.4

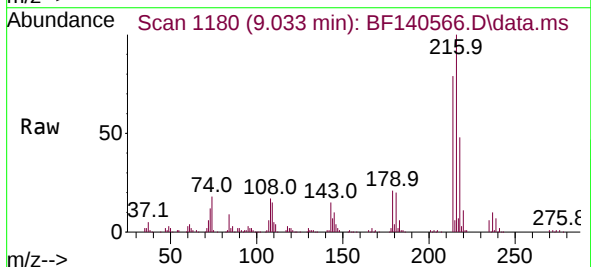
Manual Integrations

APPROVED

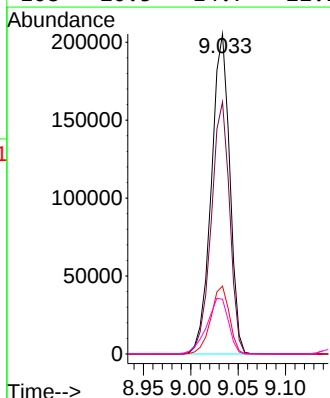
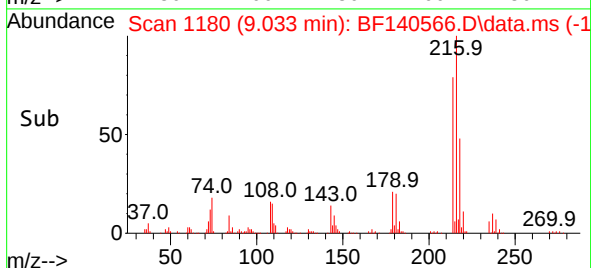
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.119 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



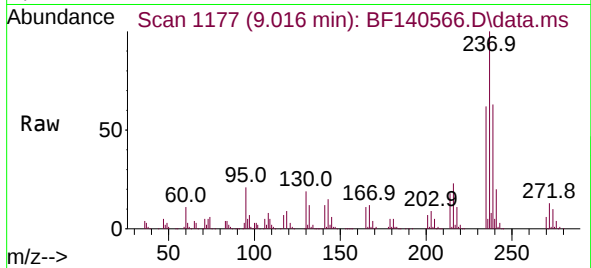
Tgt Ion:216 Resp: 277009
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 21.3 17.5 26.3
108 20.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 182.104 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

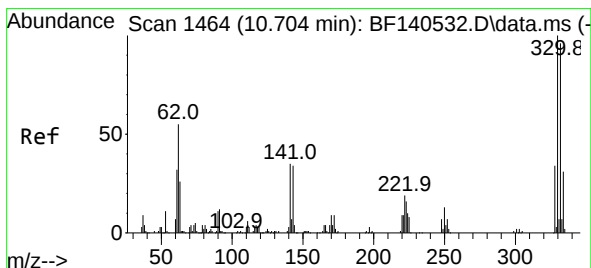
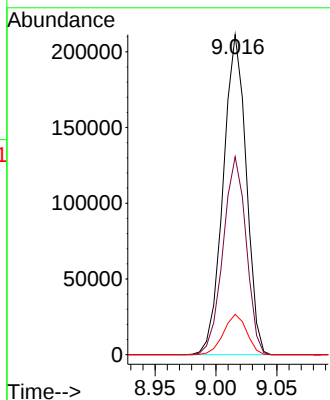
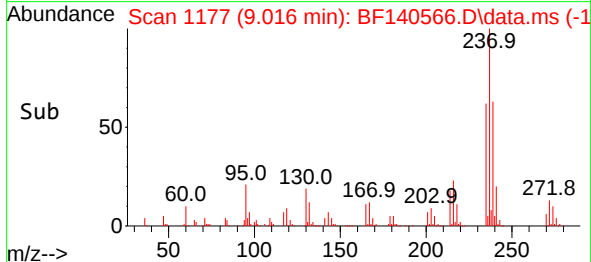
Instrument :
BNA_F
ClientSampleId :
PB165129BS



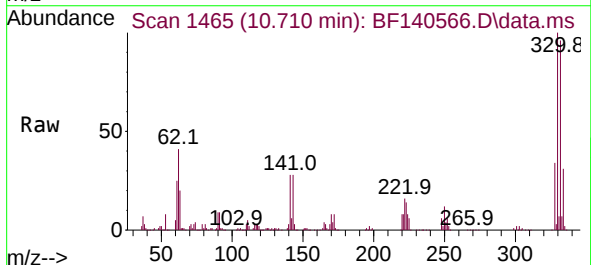
Tgt Ion:237 Resp: 277758
Ion Ratio Lower Upper
237 100
235 61.8 41.1 81.1
272 12.6 0.0 32.6

Manual Integrations
APPROVED

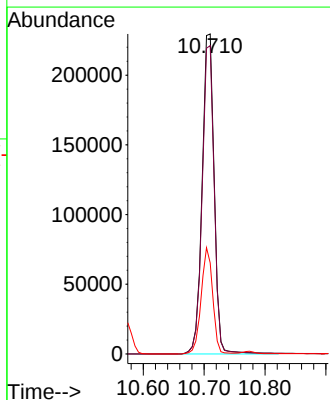
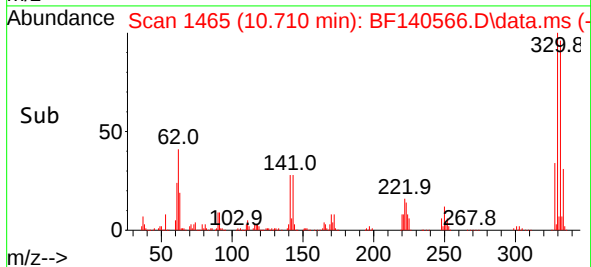
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

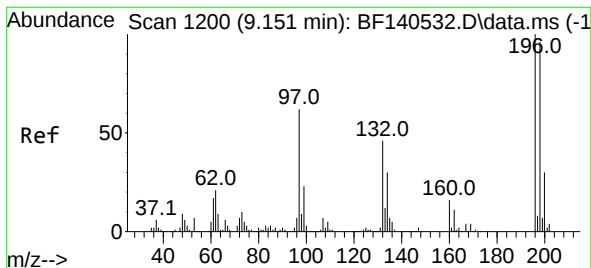


#42
2,4,6-Tribromophenol
Concen: 134.843 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



Tgt Ion:330 Resp: 316478
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 31.8 26.7 40.1





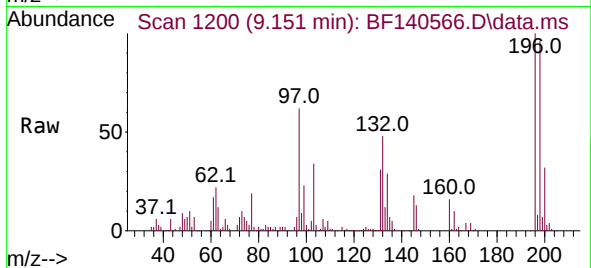
#43
2,4,6-Trichlorophenol
Concen: 45.302 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS

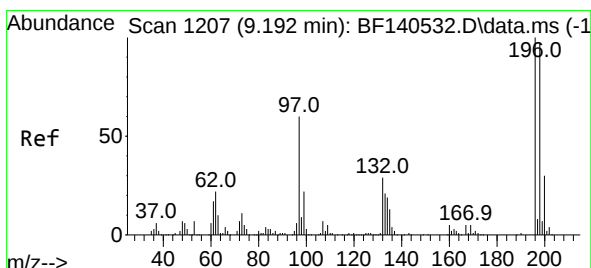
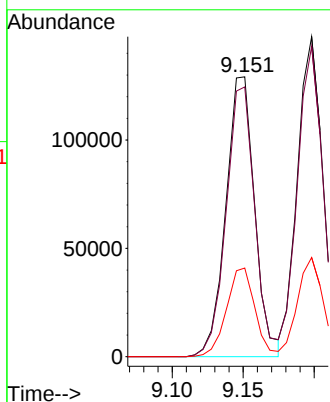
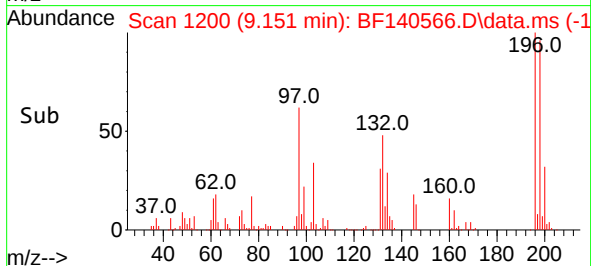


Tgt Ion:196 Resp: 18262
Ion Ratio Lower Upper
196 100
198 96.4 76.8 115.2
200 31.7 24.3 36.5

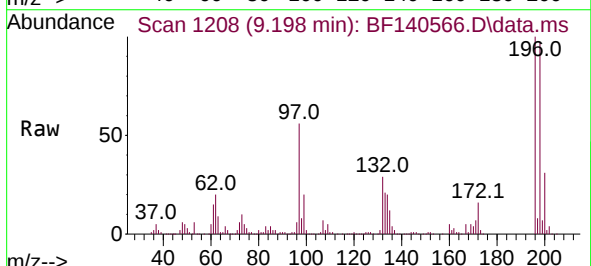
Manual Integrations

APPROVED

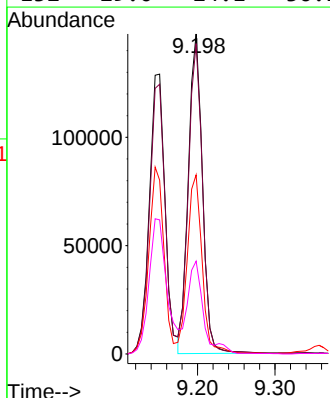
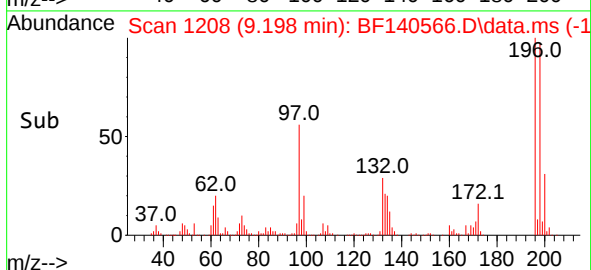
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#44
2,4,5-Trichlorophenol
Concen: 42.747 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



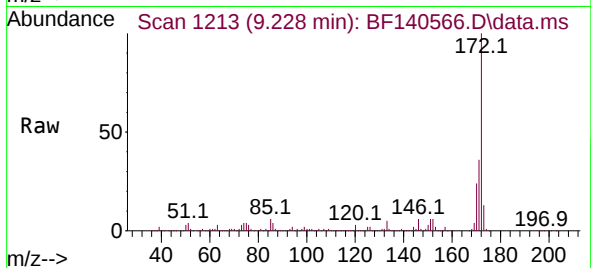
Tgt Ion:196 Resp: 187019
Ion Ratio Lower Upper
196 100
198 97.0 77.2 115.8
97 55.9 47.1 70.7
132 29.0 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 86.056 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

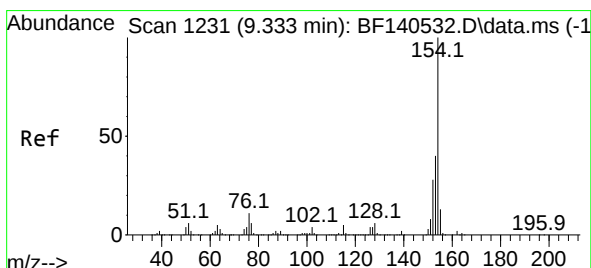
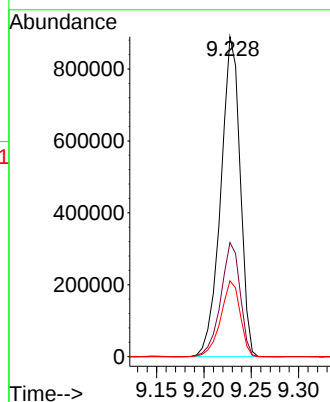
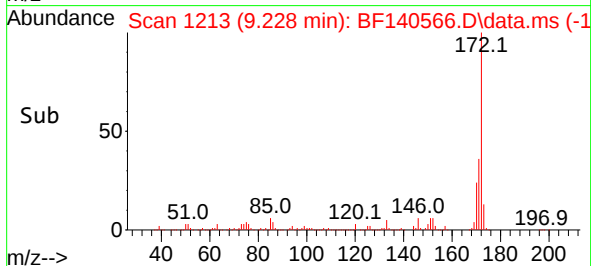
Instrument :
BNA_F
ClientSampleId :
PB165129BS



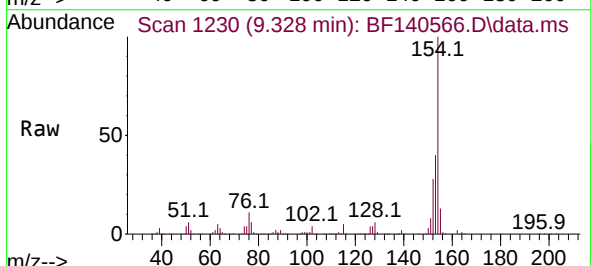
Tgt Ion:172 Resp: 1267488
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.7 19.0 28.6

Manual Integrations
APPROVED

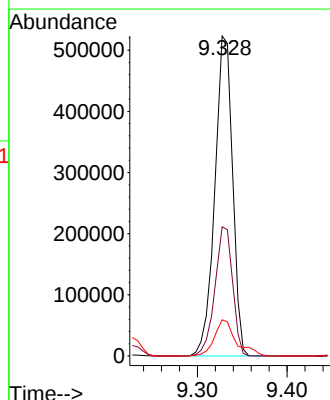
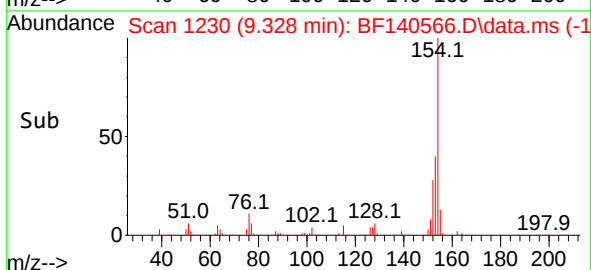
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

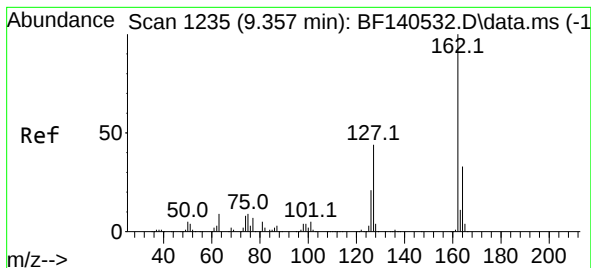


#46
1,1'-Biphenyl
Concen: 43.926 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



Tgt Ion:154 Resp: 719685
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.3 0.0 31.2





#47

2-Chloronaphthalene

Concen: 42.843 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

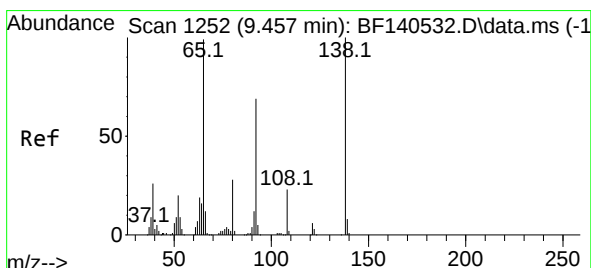
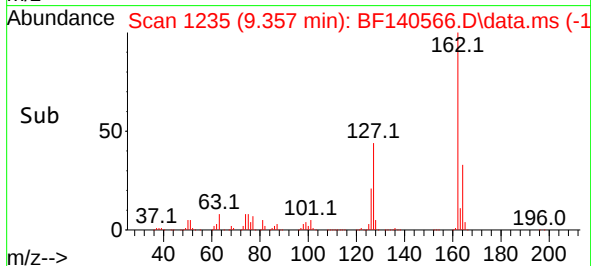
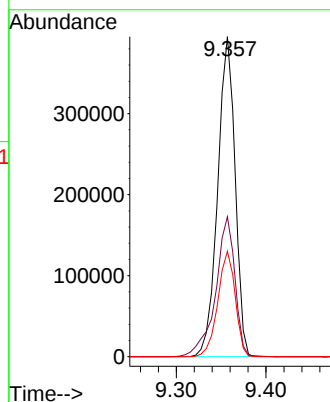
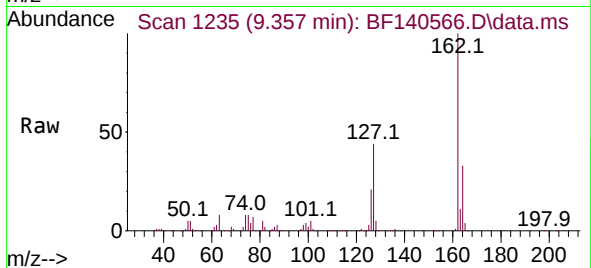
PB165129BS

Tgt Ion:162 Resp: 53188
 Ion Ratio Lower Upper
 162 100
 127 43.7 35.7 53.5
 164 33.0 26.1 39.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 44.935 ng

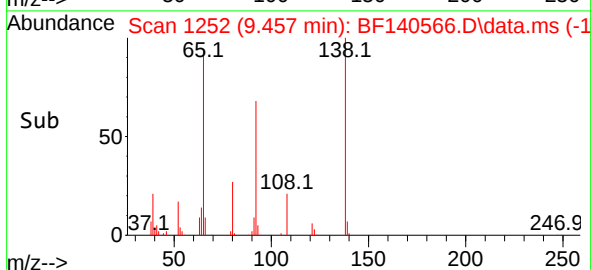
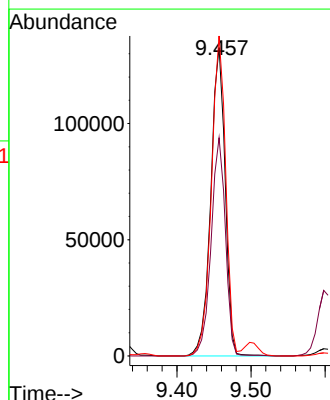
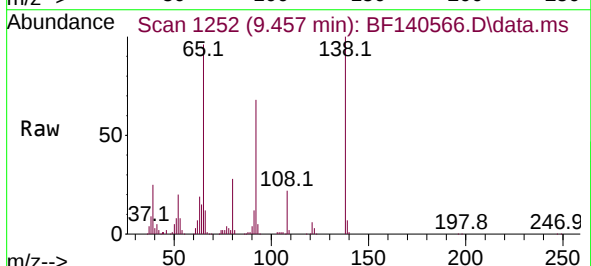
RT: 9.457 min Scan# 1252

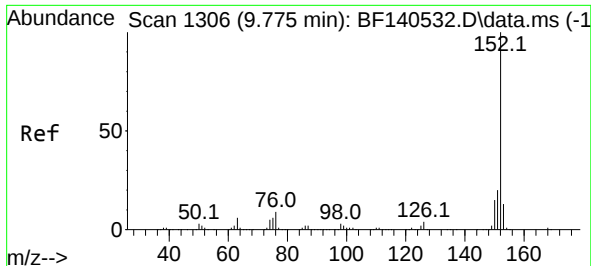
Delta R.T. -0.000 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Tgt Ion: 65 Resp: 179058
 Ion Ratio Lower Upper
 65 100
 92 70.7 56.1 84.1
 138 103.7 81.0 121.6





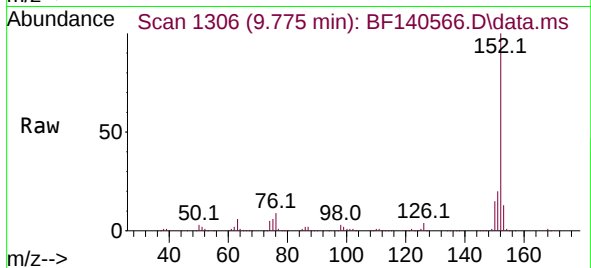
#49
Acenaphthylene
Concen: 46.323 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS

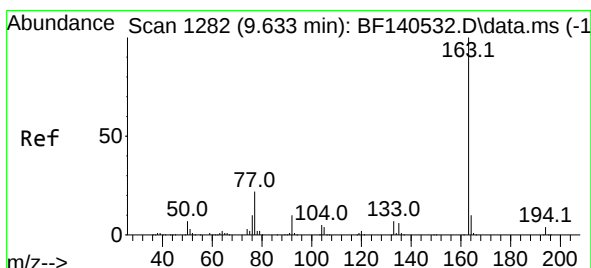
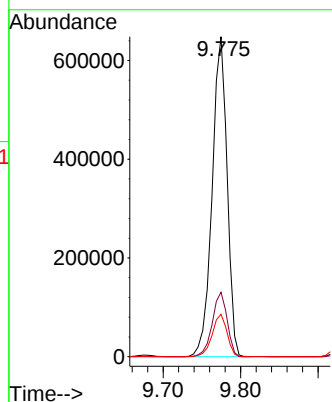
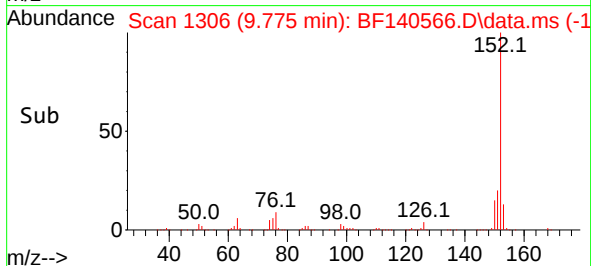


Tgt Ion:152 Resp: 868908
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 10.6 16.0

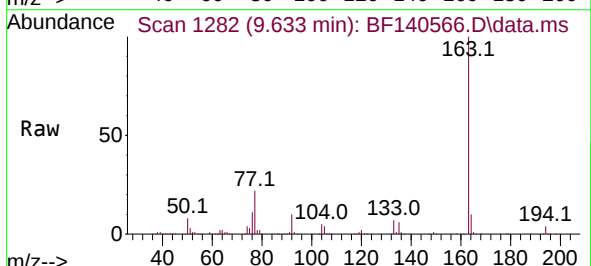
Manual Integrations

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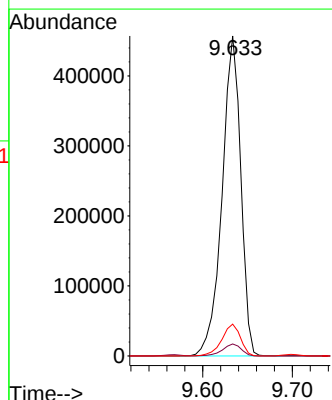
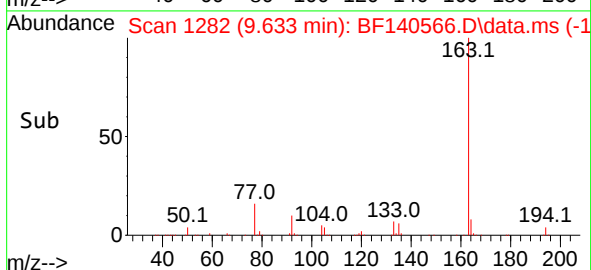
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

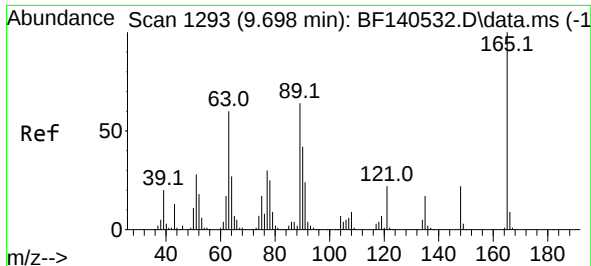


#50
Dimethylphthalate
Concen: 45.714 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



Tgt Ion:163 Resp: 660698
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.2 12.2





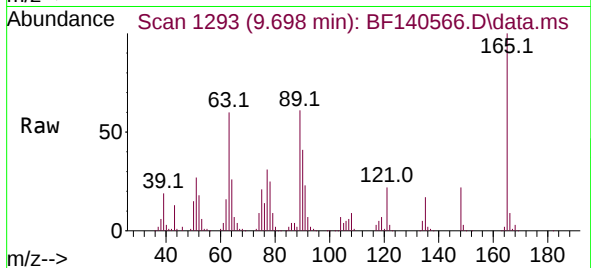
#51
2,6-Dinitrotoluene
Concen: 43.294 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS

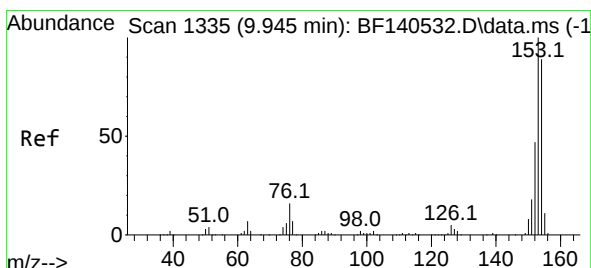
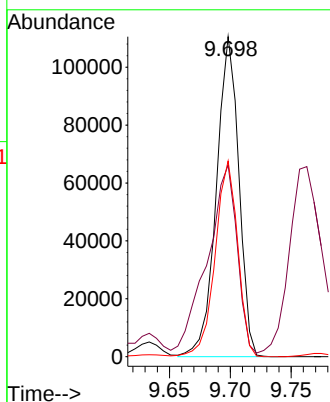
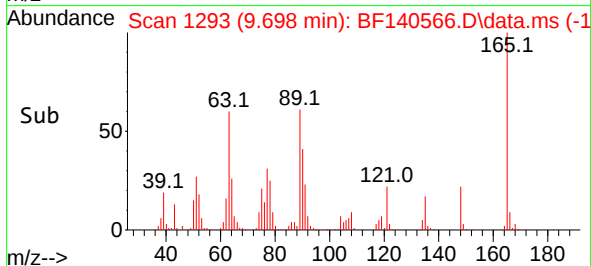


Tgt Ion:165 Resp: 141910
Ion Ratio Lower Upper
165 100
63 59.9 49.9 74.9
89 61.2 50.9 76.3

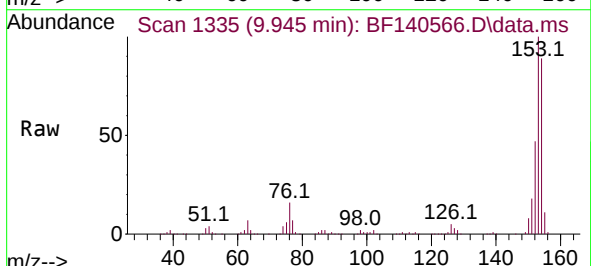
Manual Integrations

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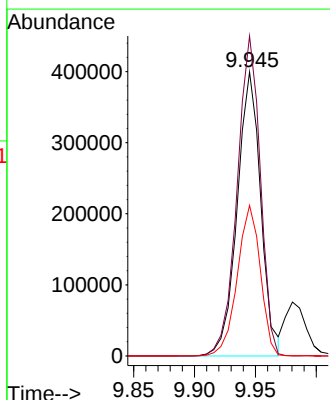
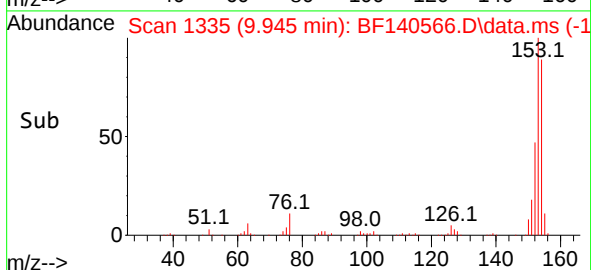
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

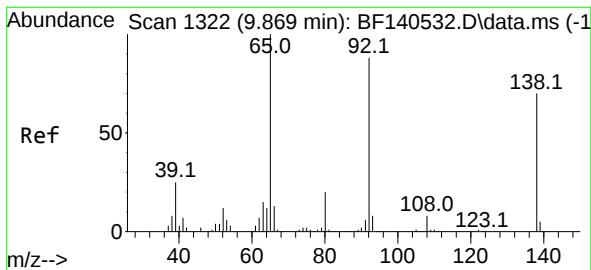


#52
Acenaphthene
Concen: 45.244 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



Tgt Ion:154 Resp: 539241
Ion Ratio Lower Upper
154 100
153 112.7 89.7 134.5
152 53.0 42.5 63.7





#53
3-Nitroaniline
Concen: 30.891 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

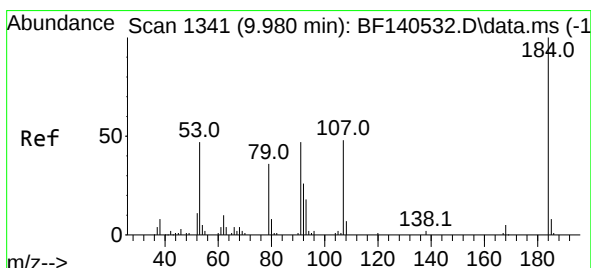
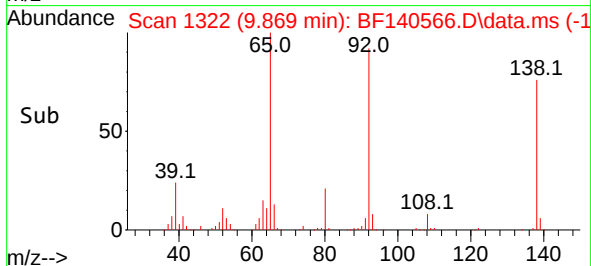
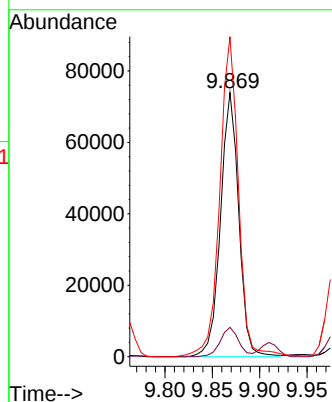
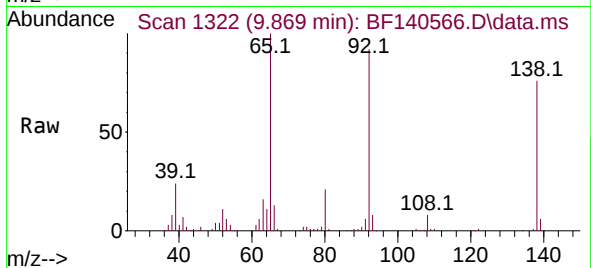
ClientSampleId :

PB165129BS

Tgt Ion:138 Resp: 9903
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 121.2 100.6 150.8

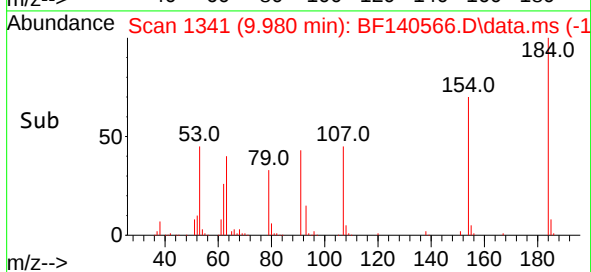
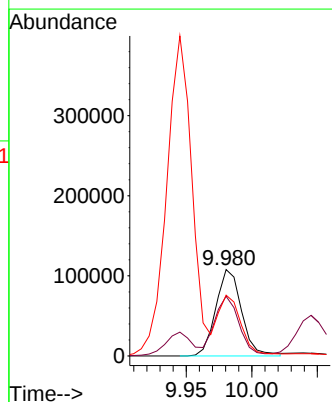
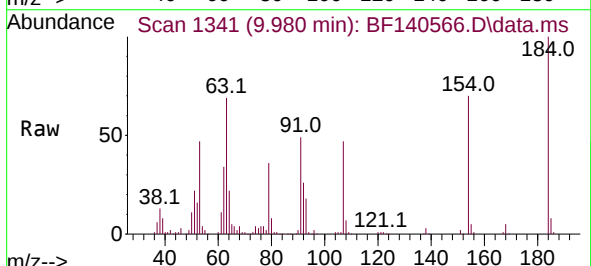
Manual Integrations
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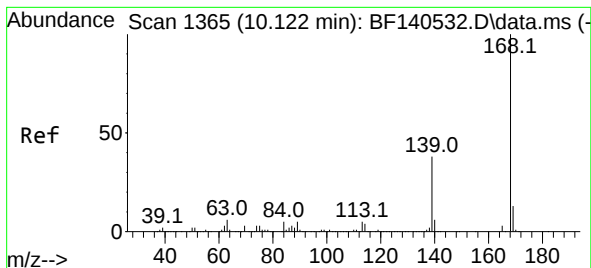
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 86.253 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

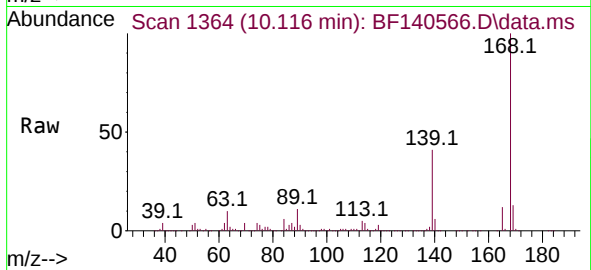
Tgt Ion:184 Resp: 147573
Ion Ratio Lower Upper
184 100
63 69.1 54.1 81.1
154 70.2 57.4 86.0





#55
Dibenzofuran
Concen: 44.452 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

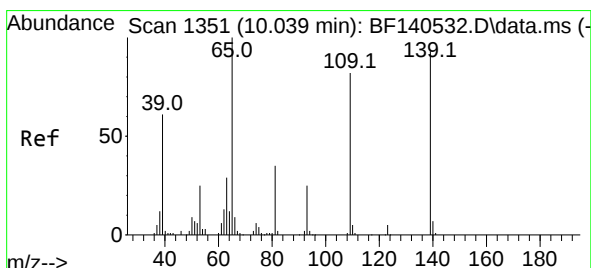
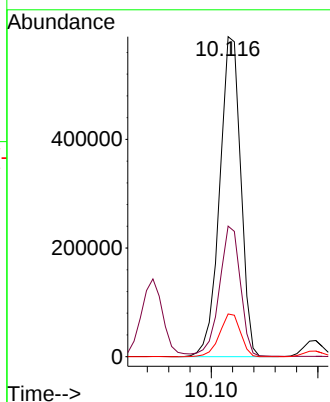
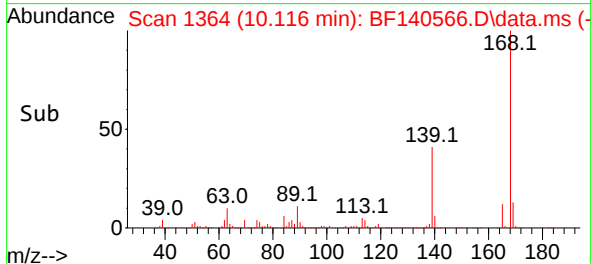
Instrument :
BNA_F
ClientSampleId :
PB165129BS



Tgt Ion:168 Resp: 808124
Ion Ratio Lower Upper
168 100
139 40.8 31.3 46.9
169 13.4 10.5 15.7

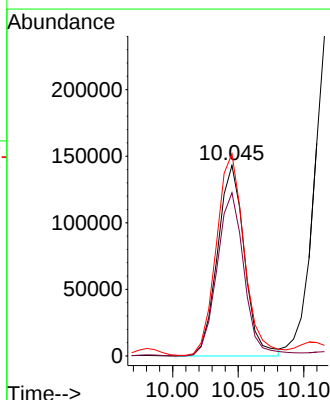
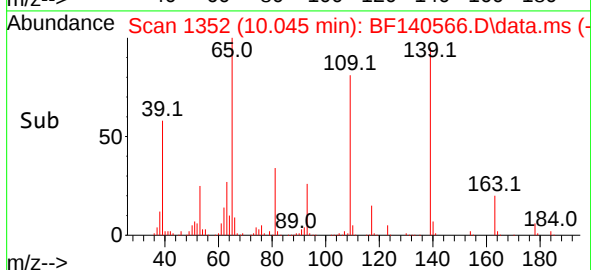
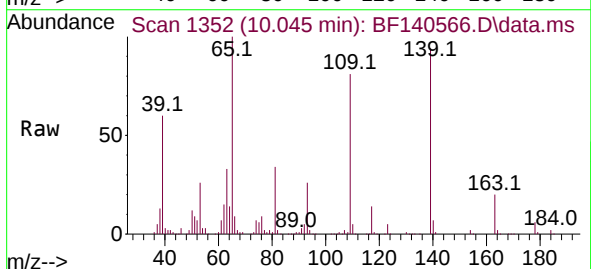
Manual Integrations
APPROVED

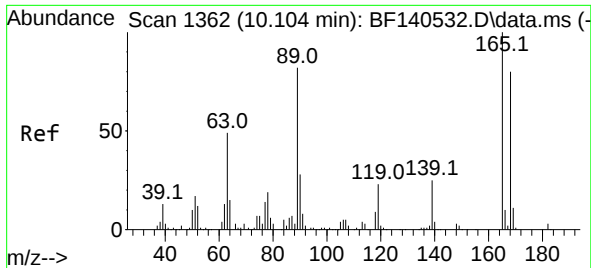
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 93.162 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:139 Resp: 203686
Ion Ratio Lower Upper
139 100
109 85.6 68.4 108.4
65 106.1 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 44.697 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

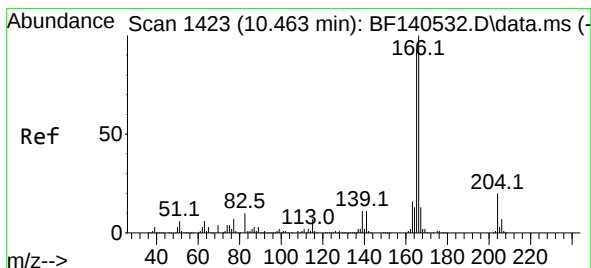
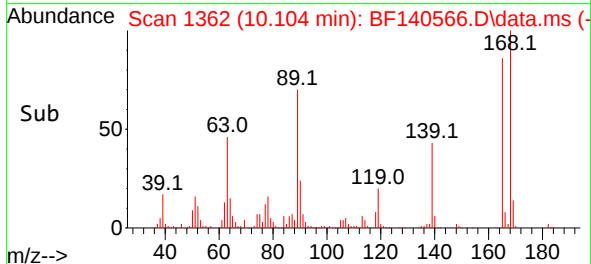
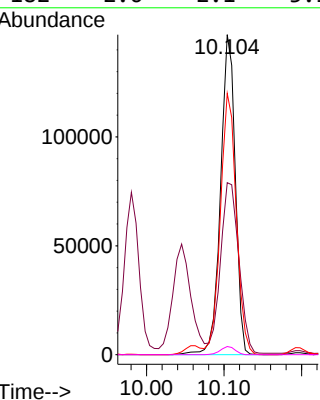
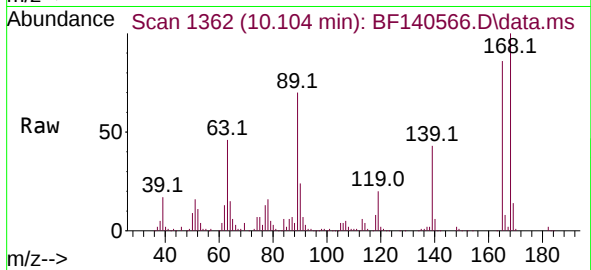
PB165129BS

Tgt Ion:165 Resp: 194711
Ion Ratio Lower Upper
165 100
63 53.7 41.7 62.5
89 81.7 65.8 98.8
182 2.6 2.1 3.1

Manual Integrations

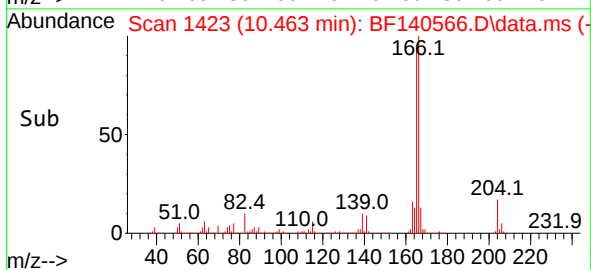
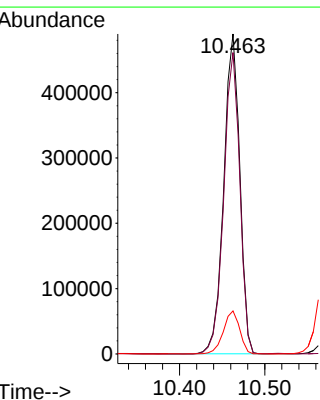
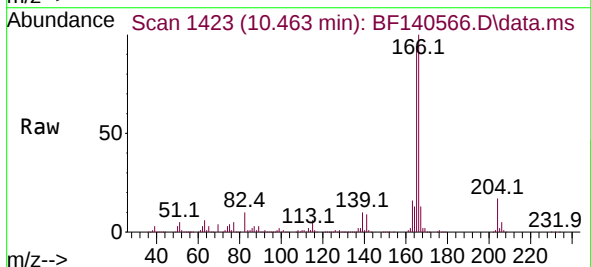
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 43.783 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

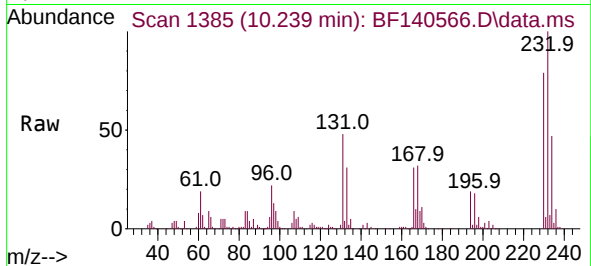
Tgt Ion:166 Resp: 638887
Ion Ratio Lower Upper
166 100
165 94.2 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.497 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

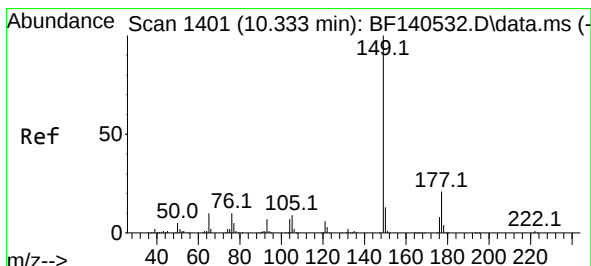
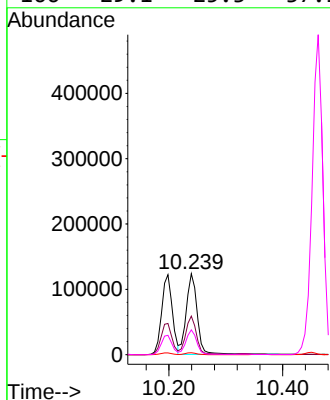
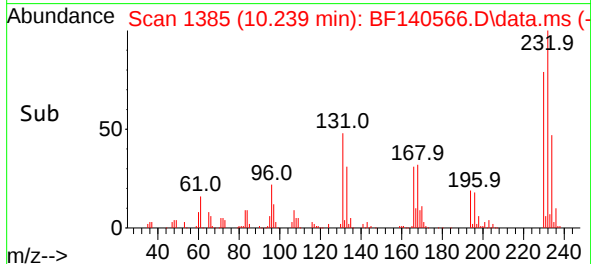
Instrument :
BNA_F
ClientSampleId :
PB165129BS



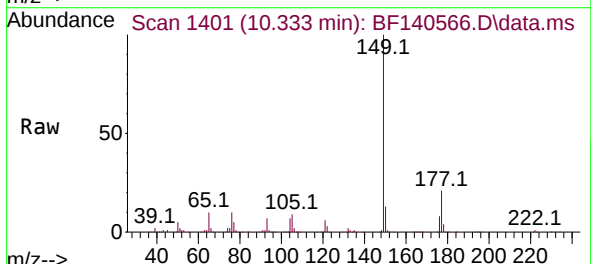
Tgt Ion:232 Resp: 166420
Ion Ratio Lower Upper
232 100
131 46.6 39.6 59.4
130 2.5 1.9 2.9
166 29.1 25.3 37.9

Manual Integrations
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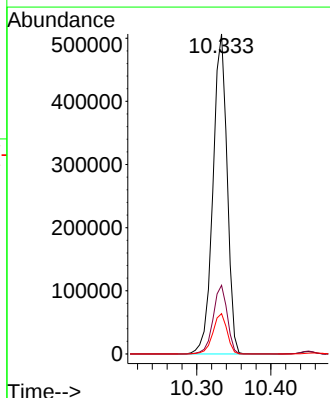
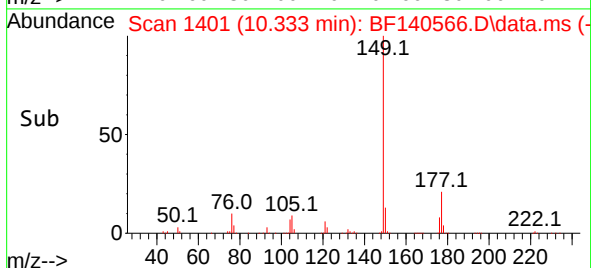
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

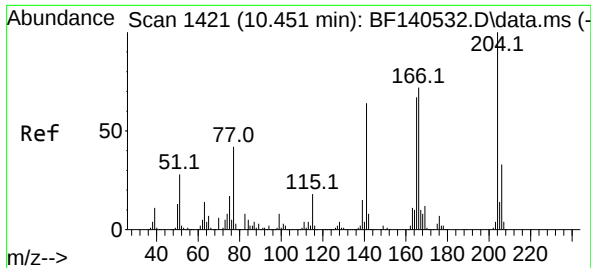


#60
Diethylphthalate
Concen: 45.657 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



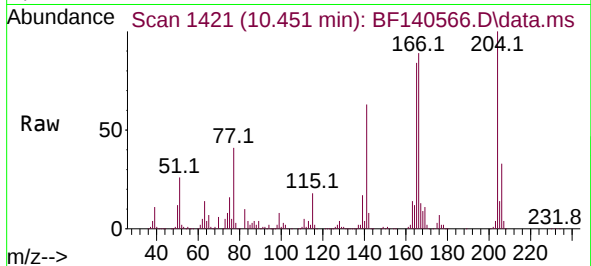
Tgt Ion:149 Resp: 670442
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.717 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

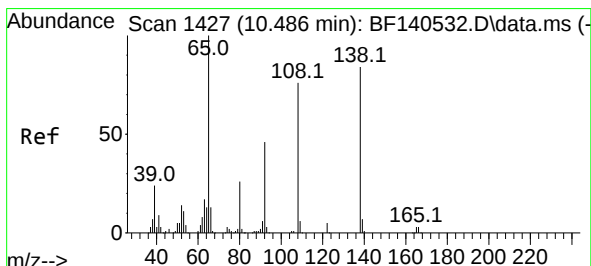
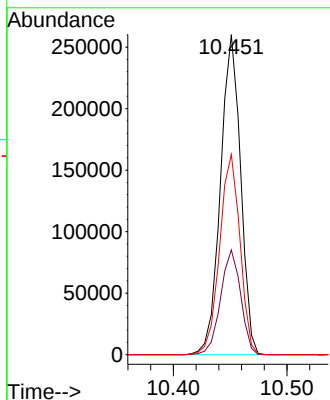
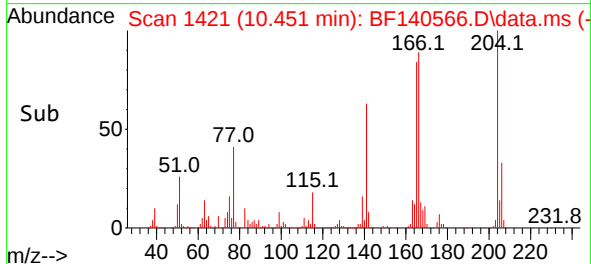
Instrument :
BNA_F
ClientSampleId :
PB165129BS



Tgt Ion:204 Resp: 320230
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 62.6 51.1 76.7

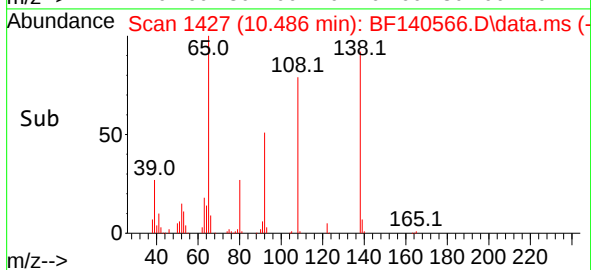
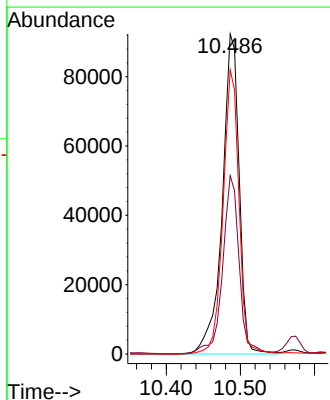
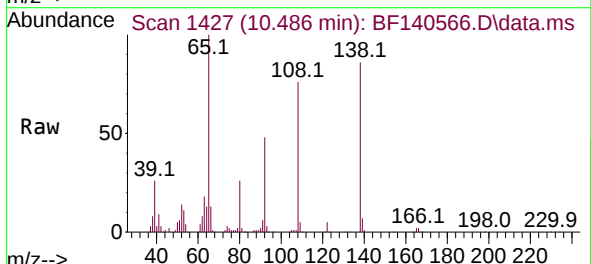
Manual Integrations
APPROVED

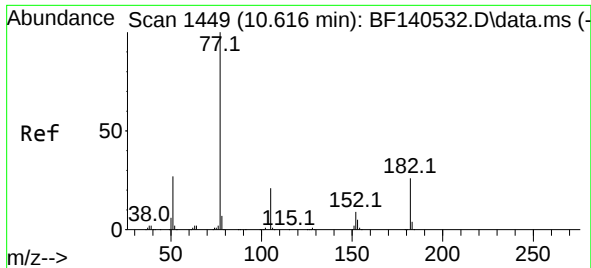
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 43.403 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:138 Resp: 145934
Ion Ratio Lower Upper
138 100
92 55.7 34.5 74.5
108 88.8 70.6 110.6





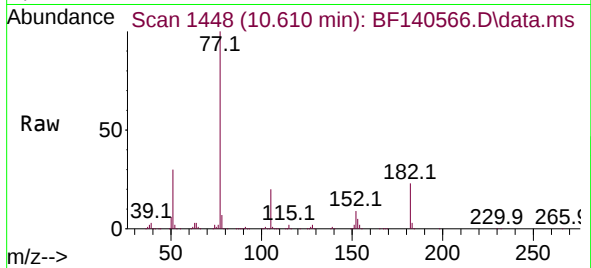
#63
Azobenzene
Concen: 45.548 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS

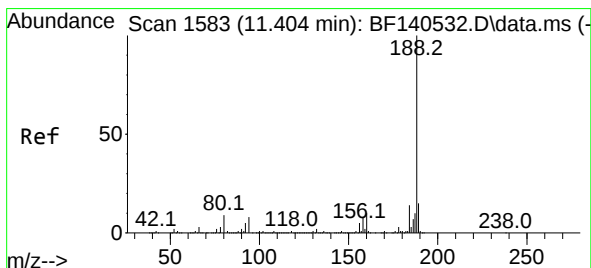
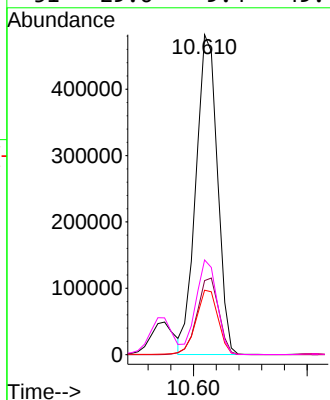
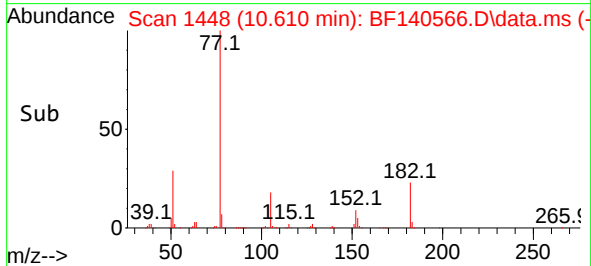


Tgt Ion: 77 Resp: 633390
Ion Ratio Lower Upper
77 100
182 23.1 5.3 45.3
105 20.2 0.3 40.3
51 29.6 9.4 49.4

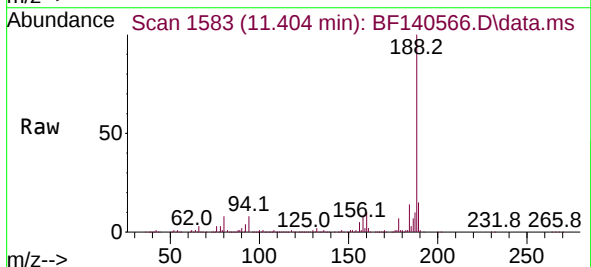
Manual Integrations

APPROVED

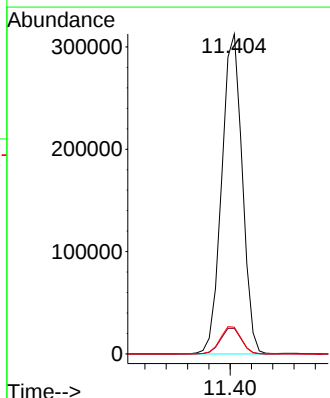
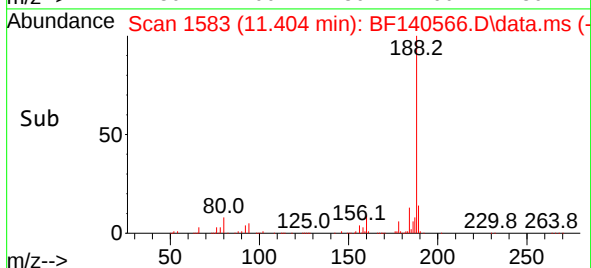
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

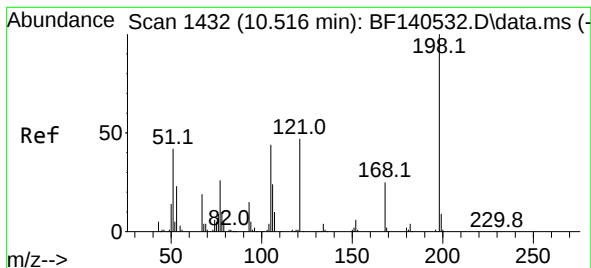


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



Tgt Ion:188 Resp: 418043
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.3 6.9 10.3





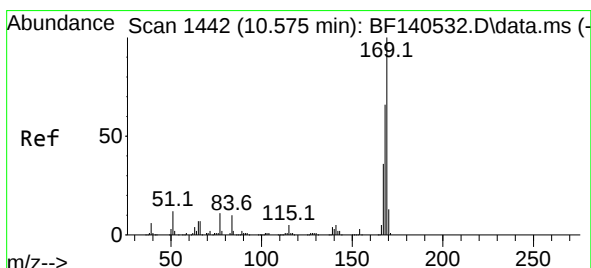
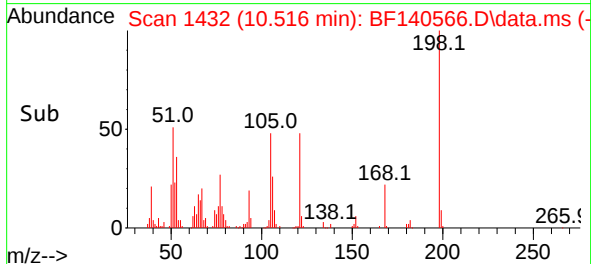
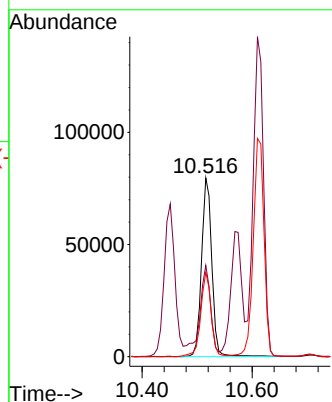
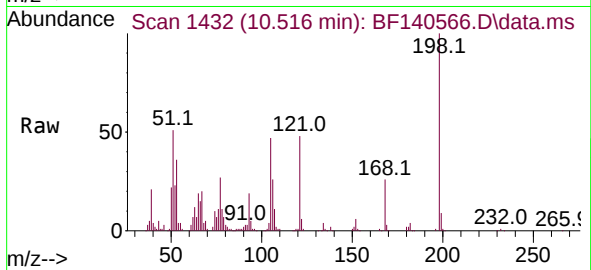
#65
4,6-Dinitro-2-methylphenol
Concen: 48.830 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :
BNA_F
ClientSampleId :
PB165129BS

Tgt Ion:198 Resp: 10431
Ion Ratio Lower Upper
198 100
51 51.1 29.4 69.4
105 47.2 25.4 65.4

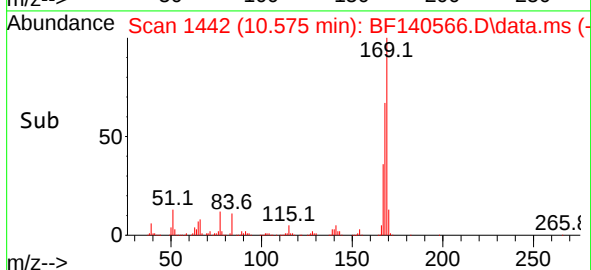
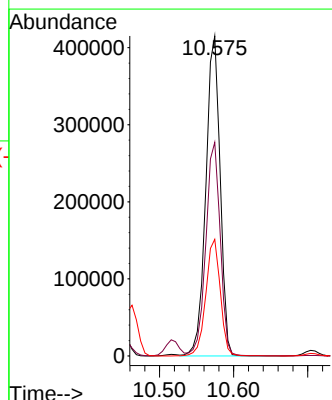
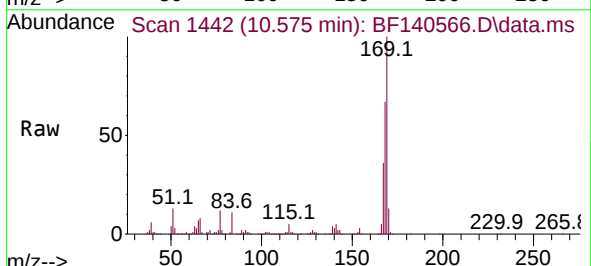
Manual Integrations
APPROVED

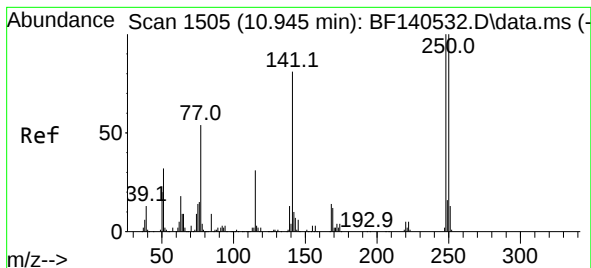
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 45.027 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

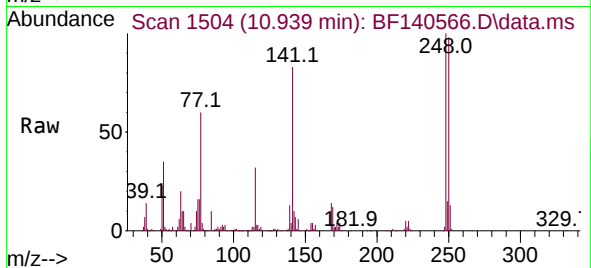
Tgt Ion:169 Resp: 556649
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 44.726 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

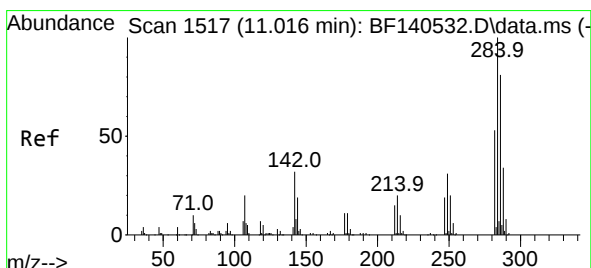
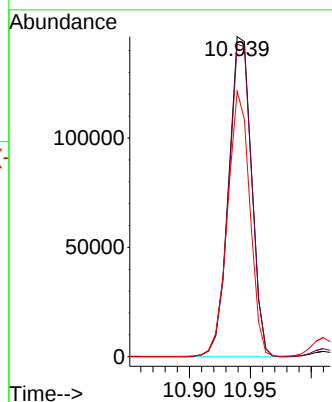
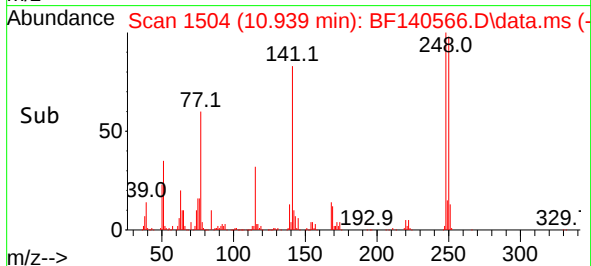
Instrument :
BNA_F
ClientSampleId :
PB165129BS



Tgt Ion:248 Resp: 192550
Ion Ratio Lower Upper
248 100
250 97.6 79.8 119.8
141 83.0 64.7 97.1

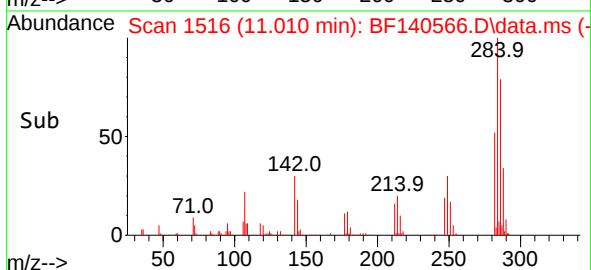
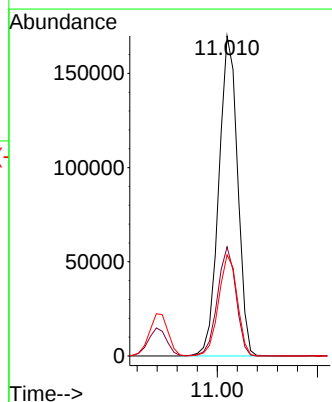
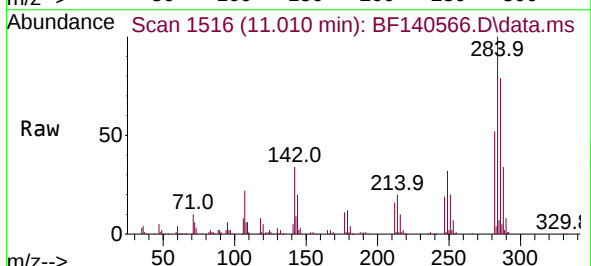
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 44.248 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:284 Resp: 220576
Ion Ratio Lower Upper
284 100
142 34.1 25.3 37.9
249 31.6 24.8 37.2





#69

Atrazine

Concen: 53.630 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140566.D

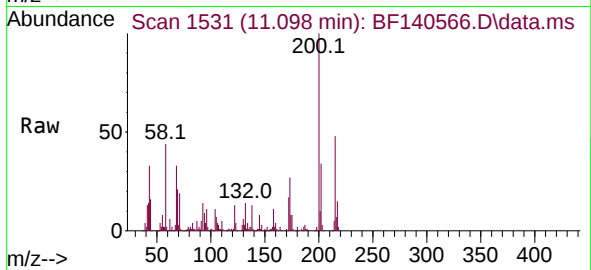
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS



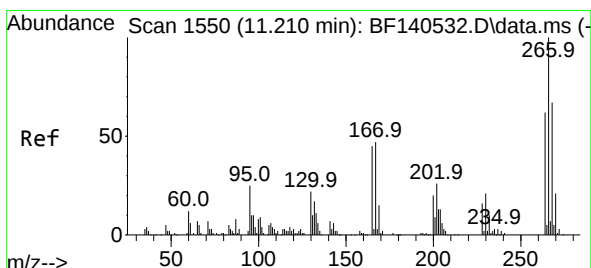
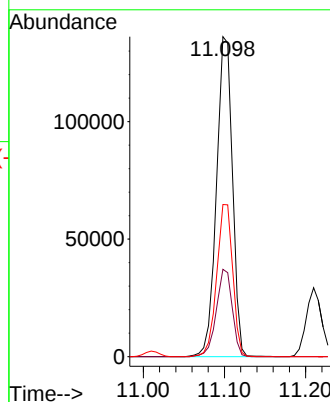
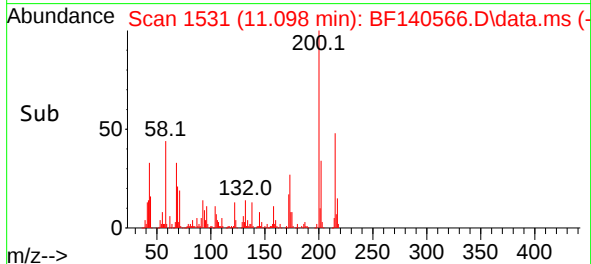
Tgt Ion:200 Resp: 186510

Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.0	47.0
215	47.5	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 100.026 ng

RT: 11.210 min Scan# 1550

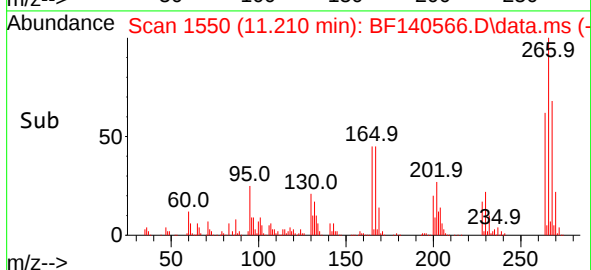
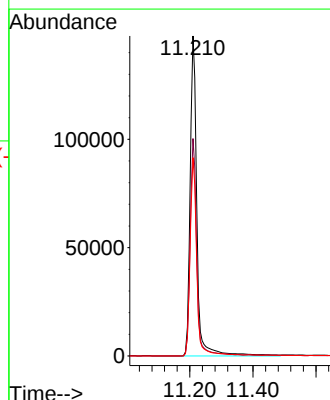
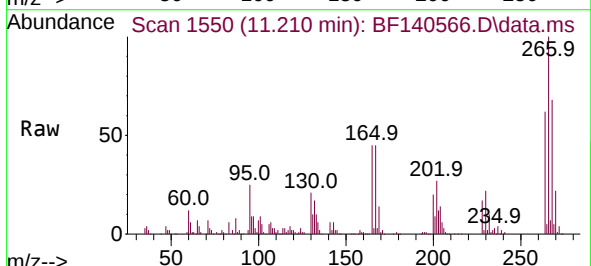
Delta R.T. -0.000 min

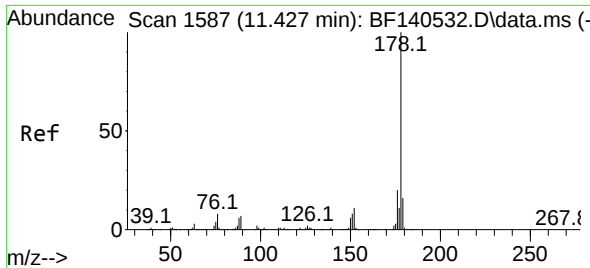
Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Tgt Ion:266 Resp: 219460

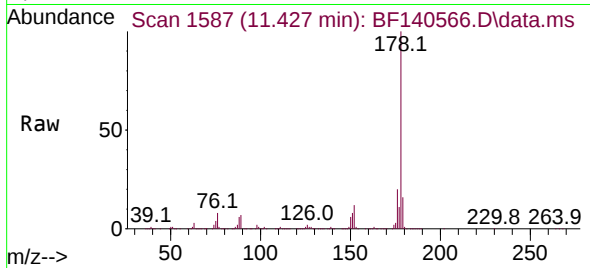
Ion	Ratio	Lower	Upper
266	100		
268	68.0	53.7	80.5
264	62.0	49.8	74.8





#71
Phenanthrene
Concen: 45.298 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

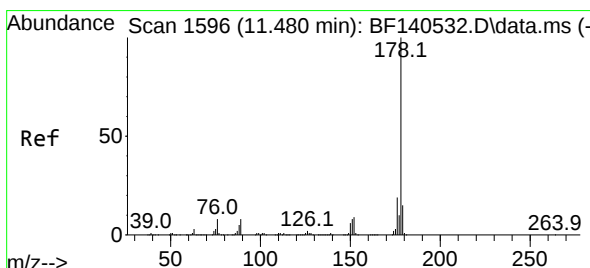
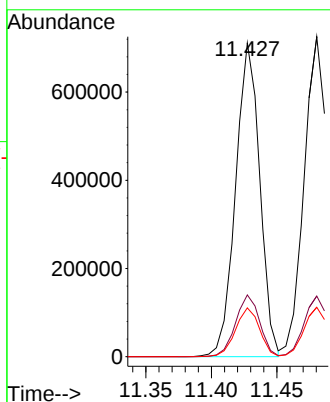
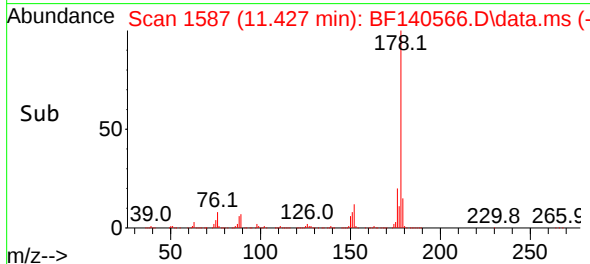
Instrument :
BNA_F
ClientSampleId :
PB165129BS



Tgt Ion:178 Resp: 91025
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.6 12.4 18.6

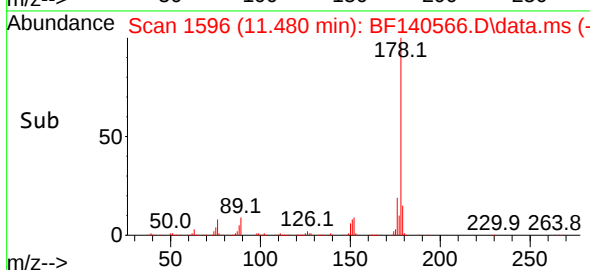
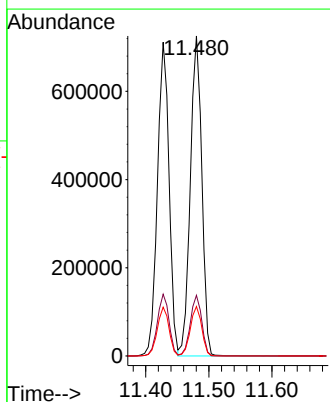
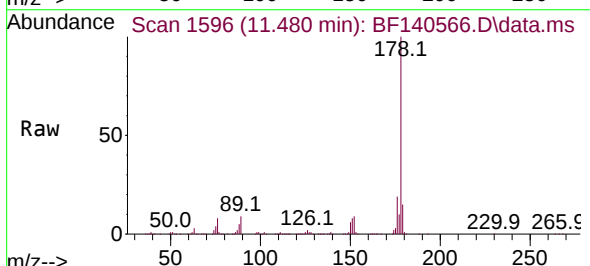
Manual Integrations
APPROVED

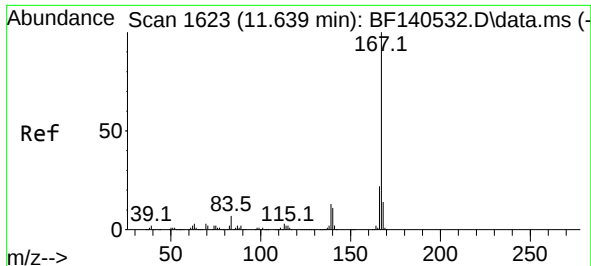
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 46.448 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

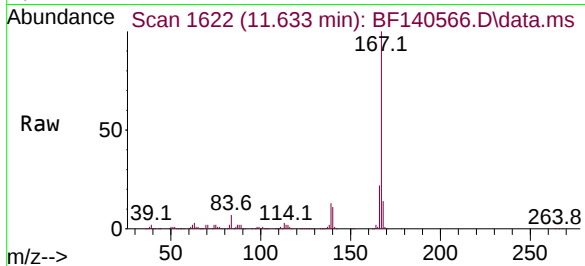
Tgt Ion:178 Resp: 913011
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.5 12.2 18.4





#73
Carbazole
Concen: 44.495 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

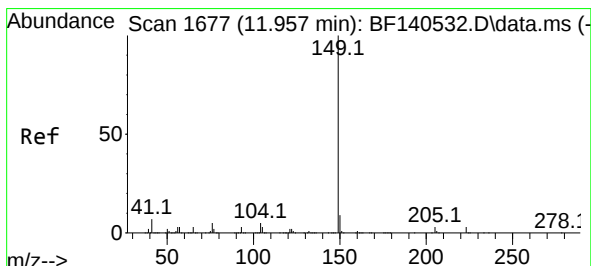
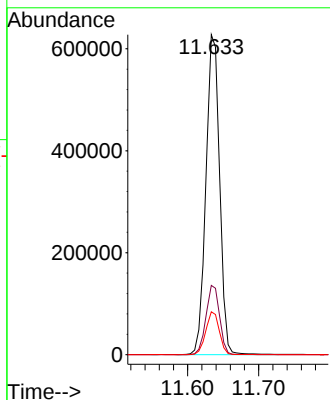
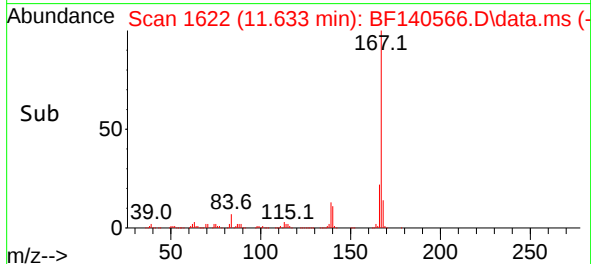
Instrument :
BNA_F
ClientSampleId :
PB165129BS



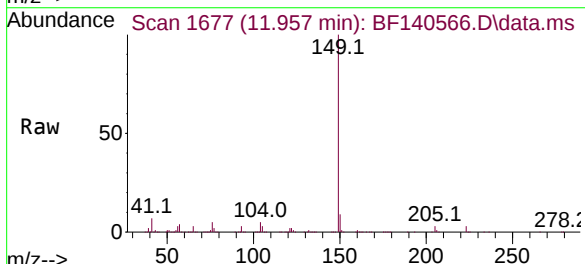
Tgt Ion:167 Resp: 84138
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.4 10.6 15.8

Manual Integrations
APPROVED

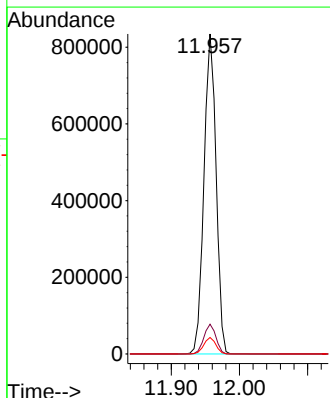
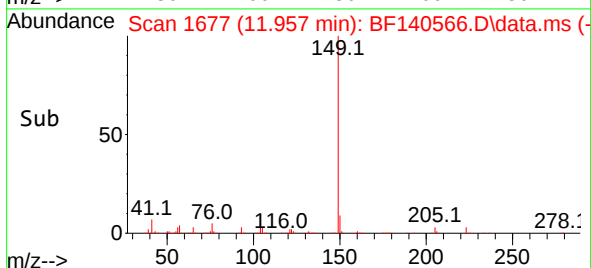
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

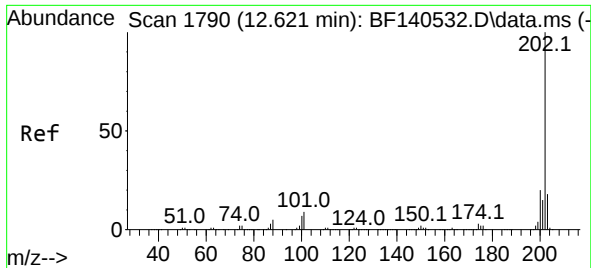


#74
Di-n-butylphthalate
Concen: 47.279 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



Tgt Ion:149 Resp: 1032166
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 45.502 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

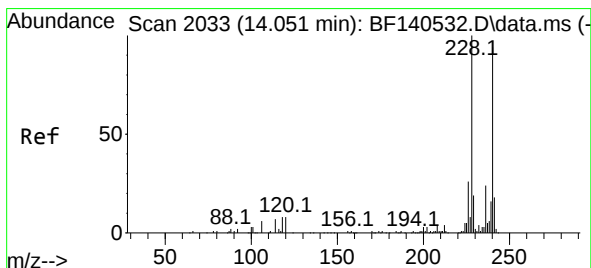
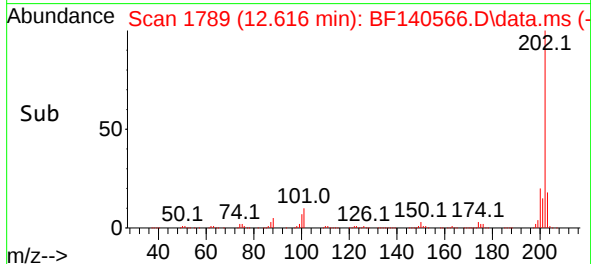
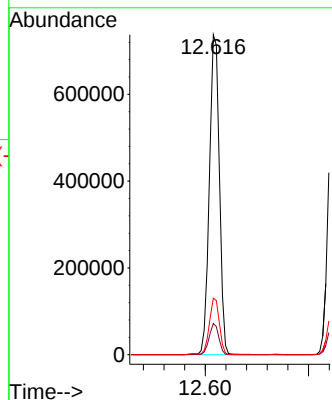
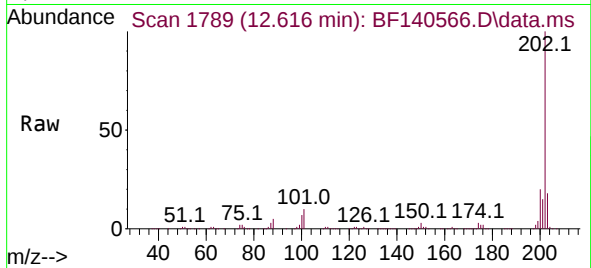
PB165129BS

Tgt Ion:202 Resp: 992752
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.9
203 17.7 0.0 37.6

Manual Integrations

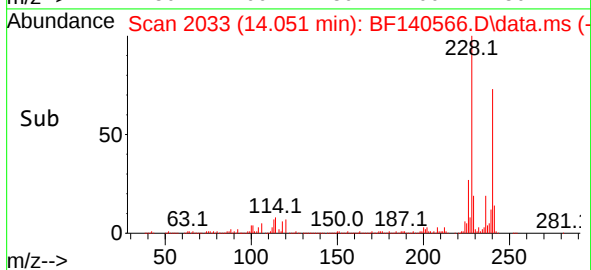
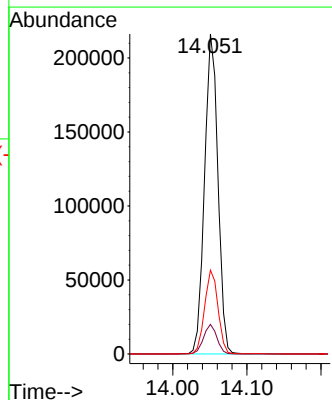
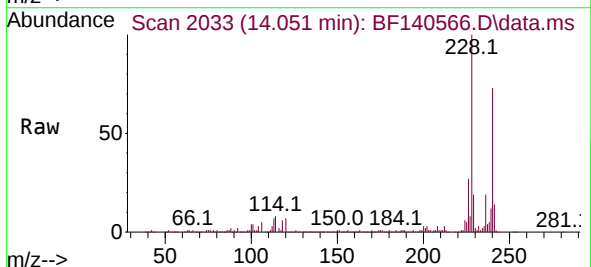
APPROVED

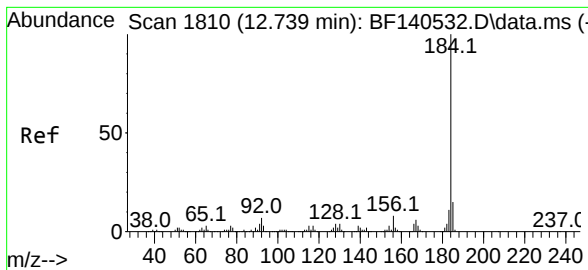
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

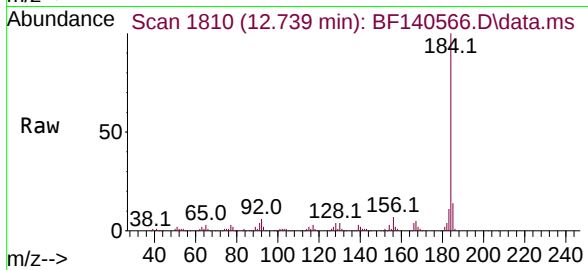
Tgt Ion:240 Resp: 271122
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.2 20.6 31.0





#77
Benzidine
Concen: 29.511 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

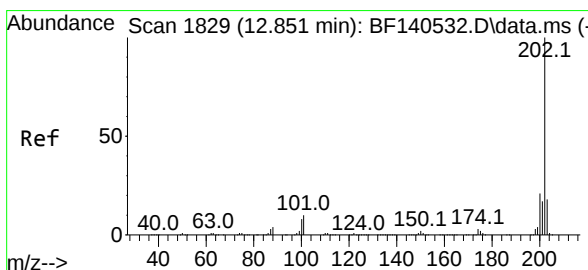
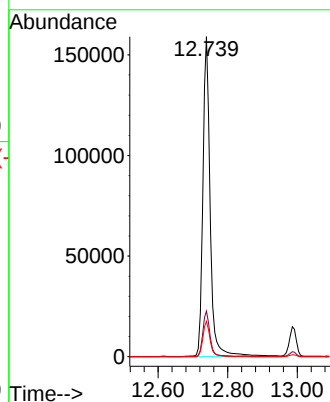
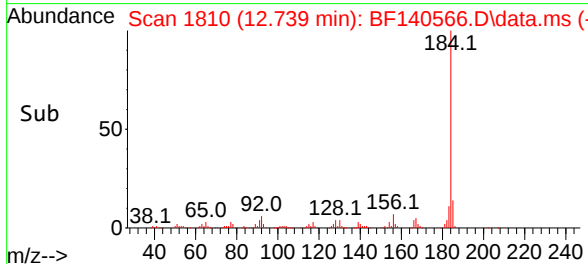
Instrument :
BNA_F
ClientSampleId :
PB165129BS



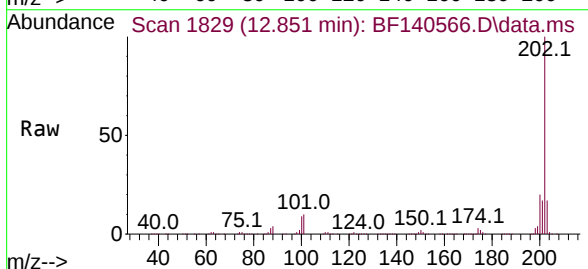
Tgt Ion:184 Resp: 232625
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.0 8.8 13.2

Manual Integrations
APPROVED

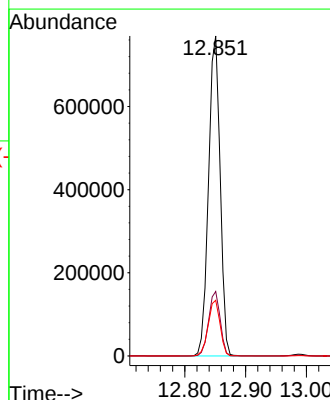
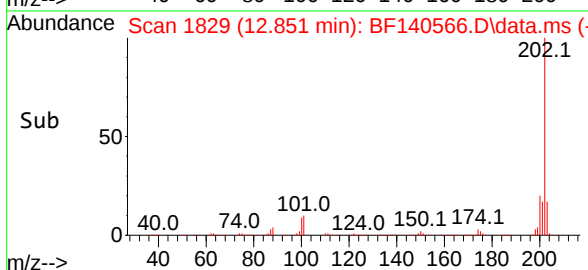
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

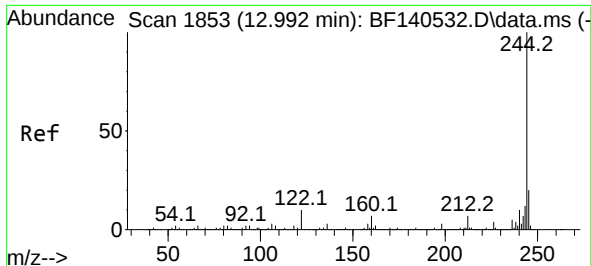


#78
Pyrene
Concen: 40.682 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



Tgt Ion:202 Resp: 1019845
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.4 14.2 21.4





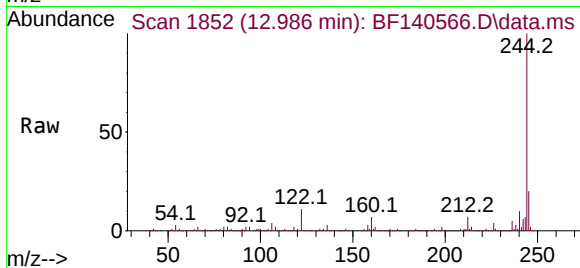
#79
 Terphenyl-d14
 Concen: 82.366 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140566.D
 Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS

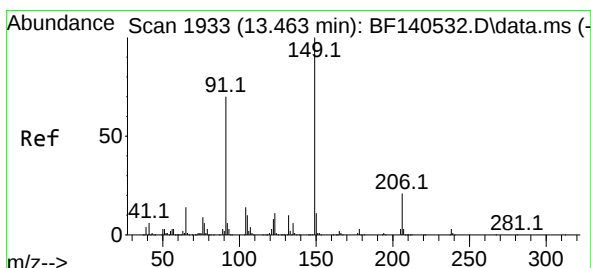
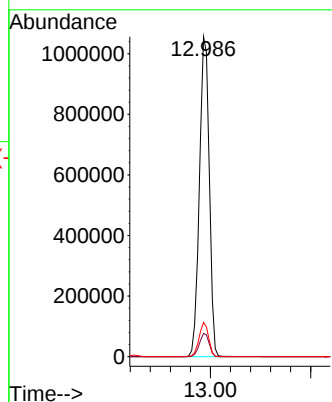
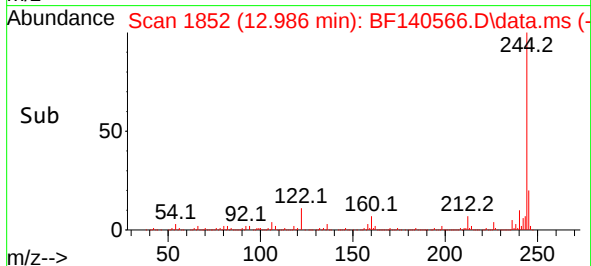


Tgt Ion:244 Resp: 1434120
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.7 8.0 12.0

Manual Integrations

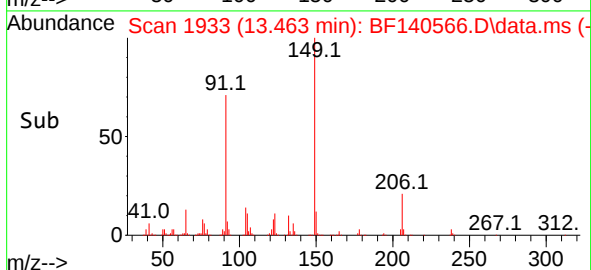
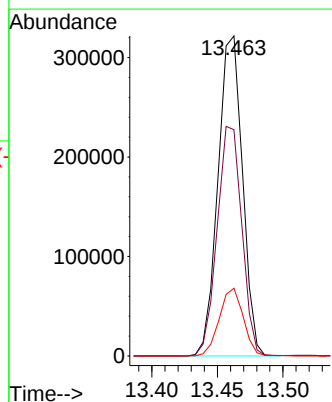
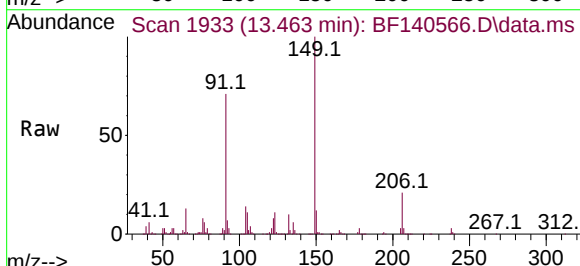
APPROVED

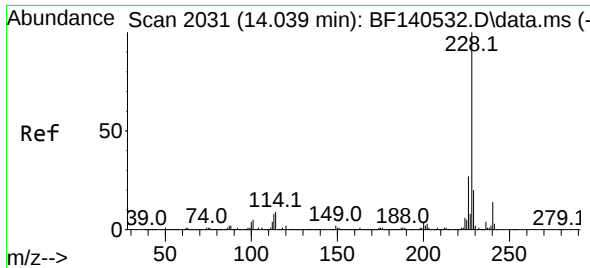
Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#80
 Butylbenzylphthalate
 Concen: 46.303 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF140566.D
 Acq: 22 Nov 2024 10:12

Tgt Ion:149 Resp: 418148
 Ion Ratio Lower Upper
 149 100
 91 70.7 56.2 84.2
 206 21.1 16.4 24.6





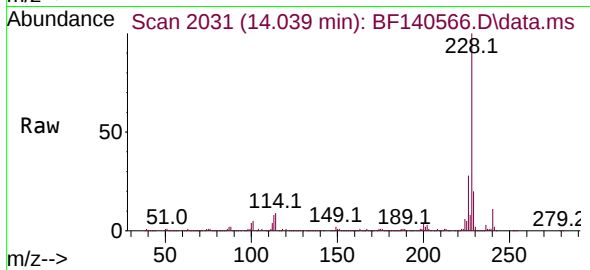
#81
Benzo(a)anthracene
Concen: 45.081 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS

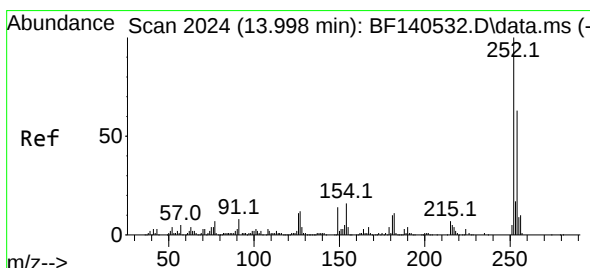
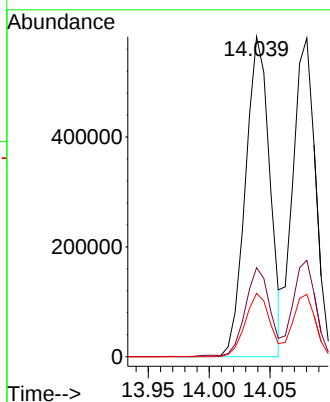
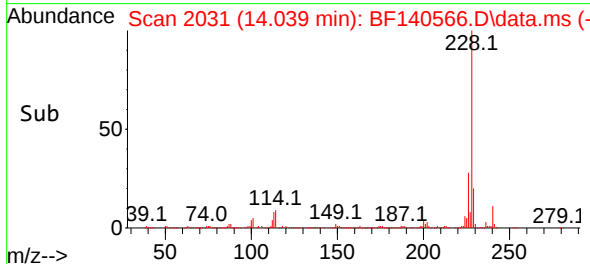


Tgt Ion:228 Resp: 809082
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 19.8 15.8 23.6

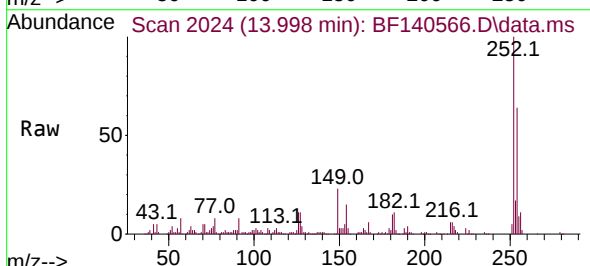
Manual Integrations

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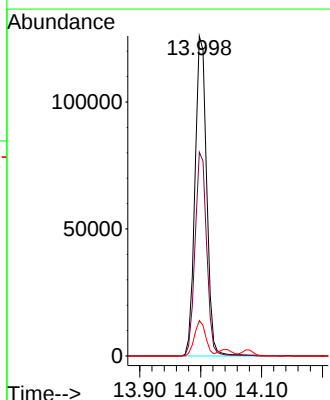
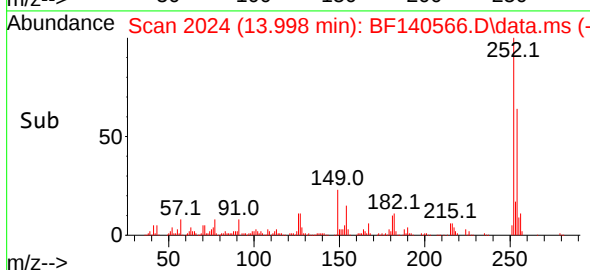
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

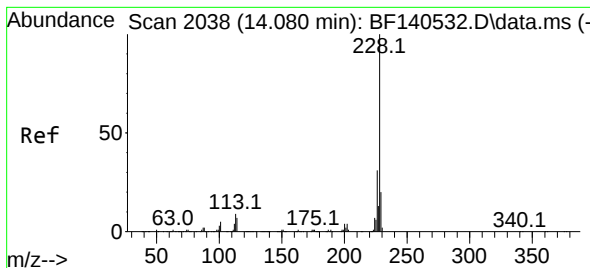


#82
3,3'-Dichlorobenzidine
Concen: 31.066 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



Tgt Ion:252 Resp: 167396
Ion Ratio Lower Upper
252 100
254 63.7 50.8 76.2
126 11.1 8.6 13.0





#83

Chrysene

Concen: 45.763 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

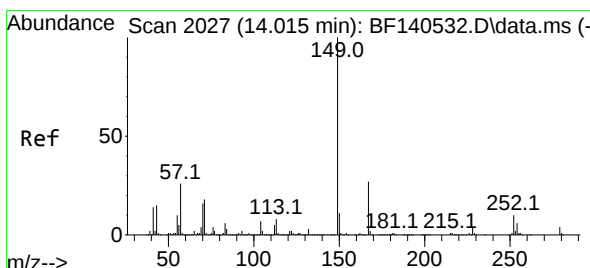
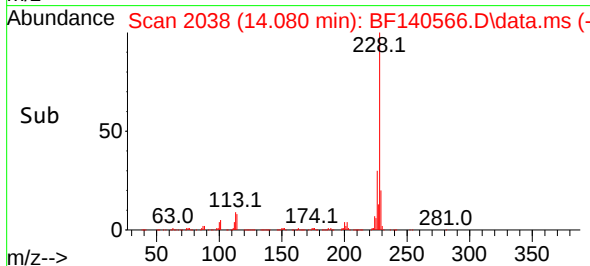
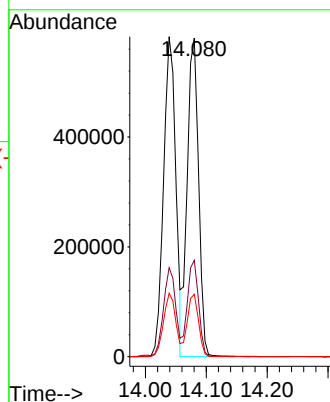
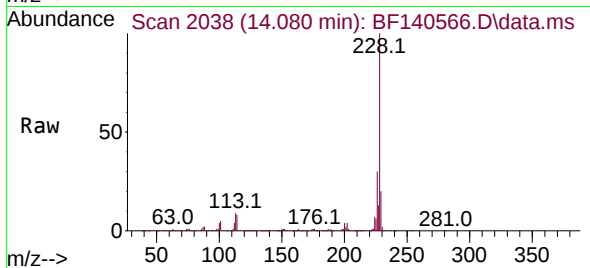
PB165129BS

Tgt Ion:	228	Resp:	751010
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	19.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.072 ng

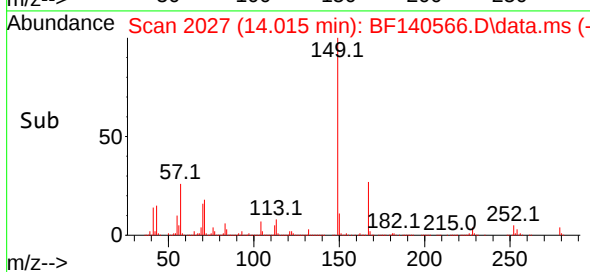
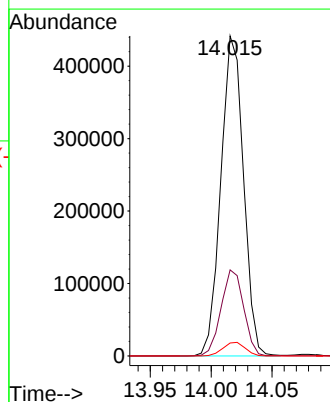
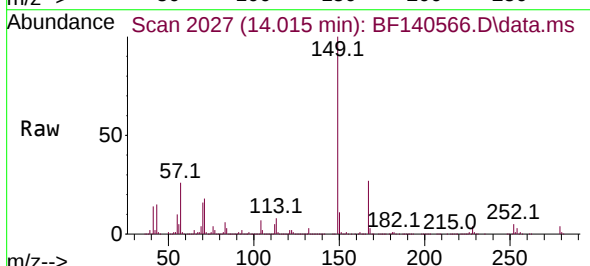
RT: 14.015 min Scan# 2027

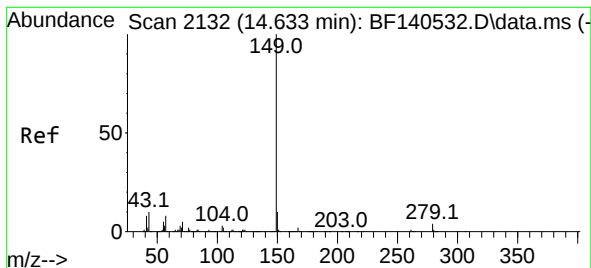
Delta R.T. -0.000 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

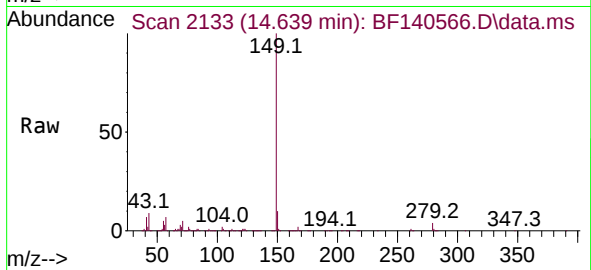
Tgt Ion:	149	Resp:	570976
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.2	31.8
279	4.1	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 56.782 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

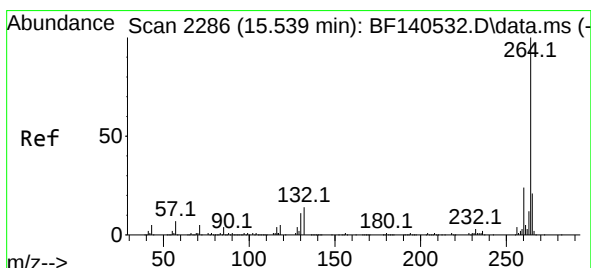
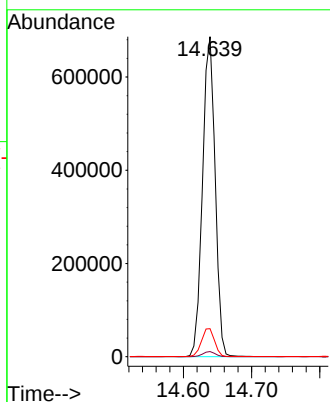
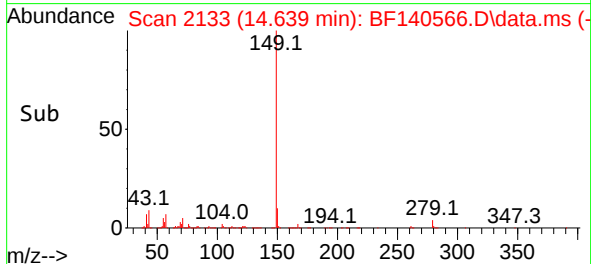
Instrument :
BNA_F
ClientSampleId :
PB165129BS



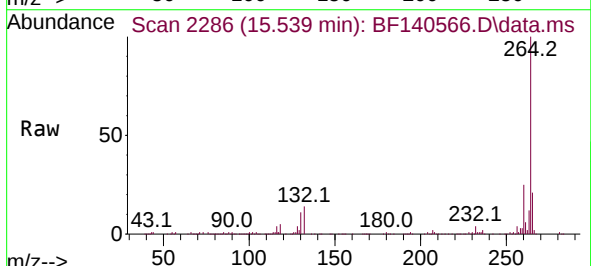
Tgt Ion:149 Resp: 884890
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.7 11.5

Manual Integrations
APPROVED

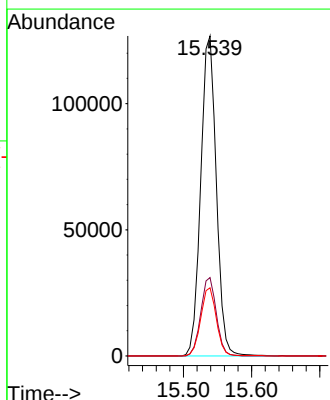
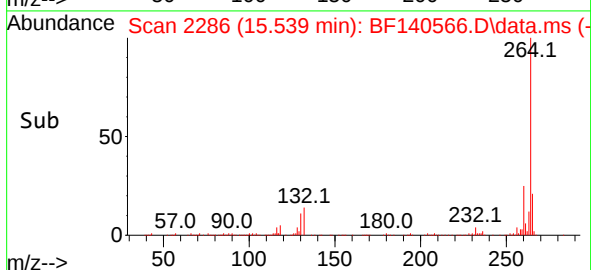
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

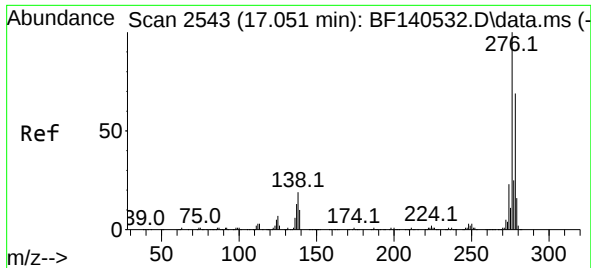


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12



Tgt Ion:264 Resp: 201621
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 21.3 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.532 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

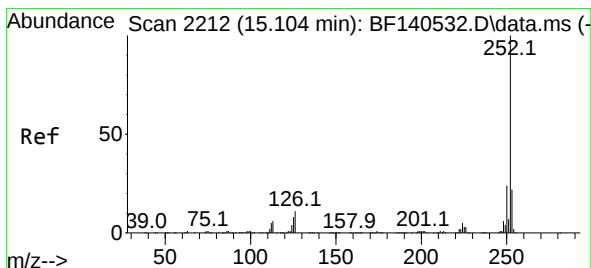
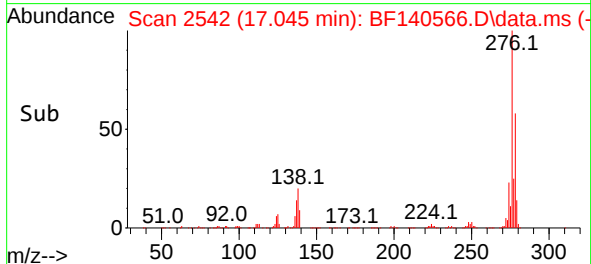
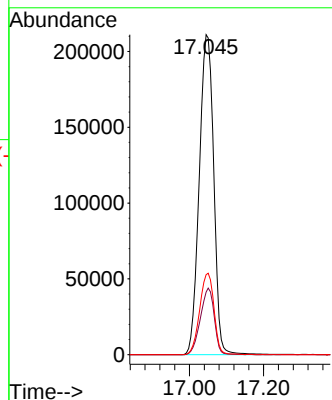
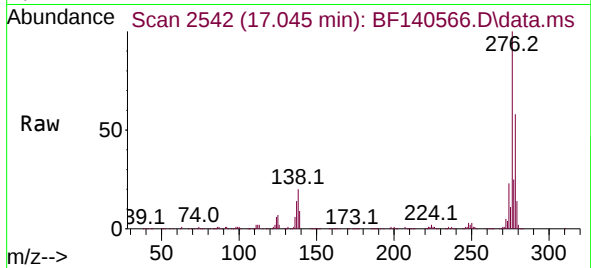
PB165129BS

Tgt Ion:276 Resp: 57198
Ion Ratio Lower Upper
276 100
138 19.9 15.5 23.3
277 25.2 20.1 30.1

Manual Integrations

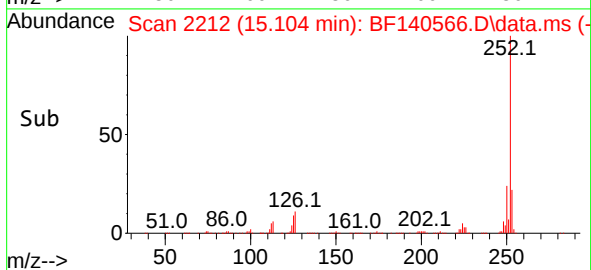
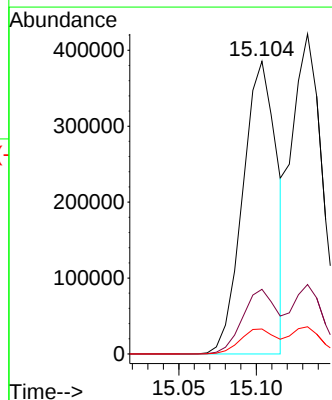
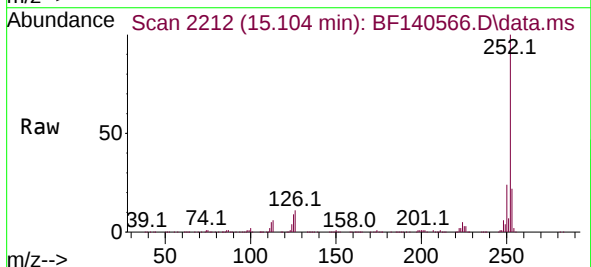
APPROVED

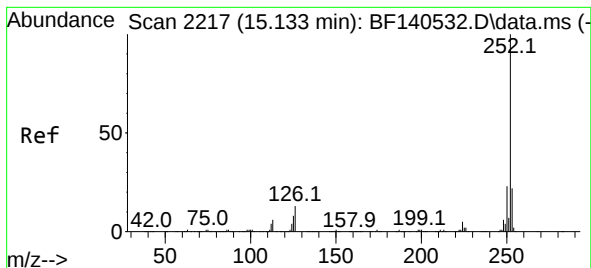
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#88
Benzo(b)fluoranthene
Concen: 46.418 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:252 Resp: 587836
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 52.050 ng

RT: 15.133 min Scan# 2217

Delta R.T. -0.000 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

PB165129BS

Tgt Ion:252 Resp: 576830

Ion Ratio Lower Upper

252 100

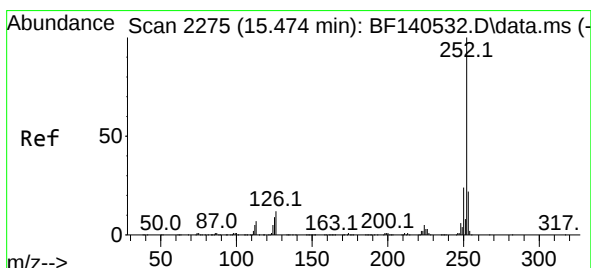
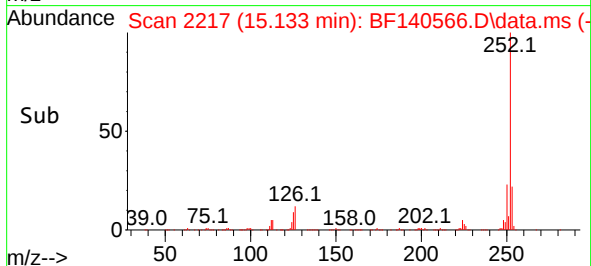
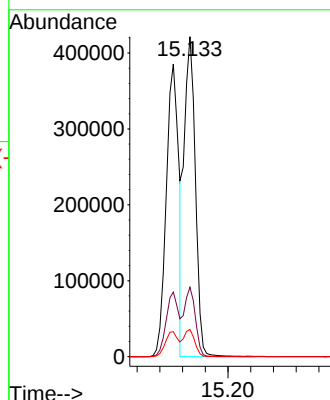
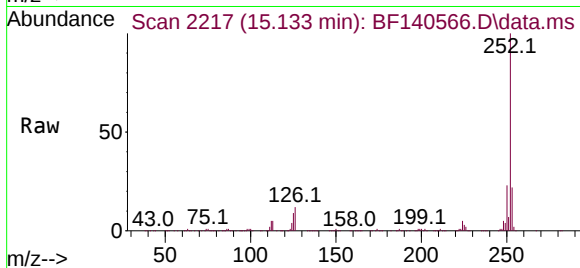
253 21.7 17.5 26.3

125 8.5 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 49.520 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.000 min

Lab File: BF140566.D

Acq: 22 Nov 2024 10:12

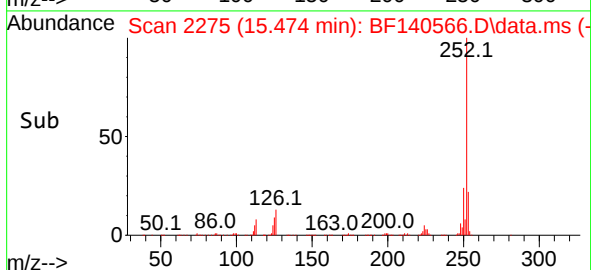
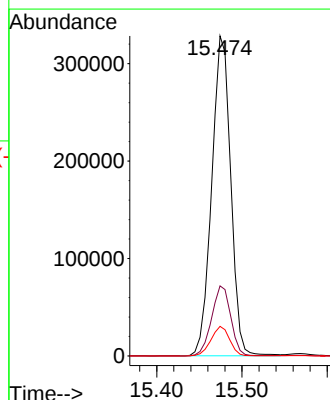
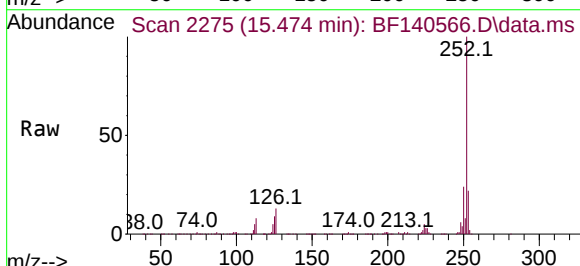
Tgt Ion:252 Resp: 509901

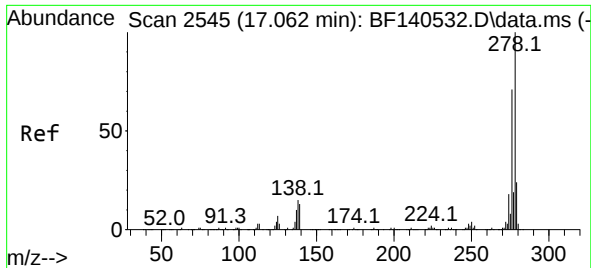
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.3 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 43.028 ng
RT: 17.062 min Scan# 2545
Delta R.T. -0.000 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Instrument :

BNA_F

ClientSampleId :

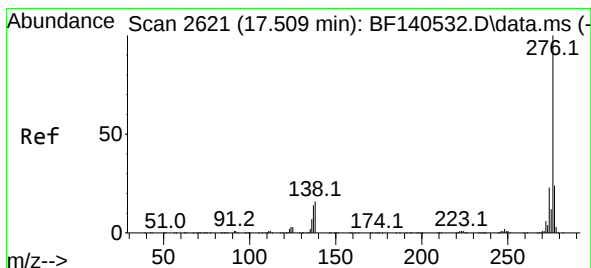
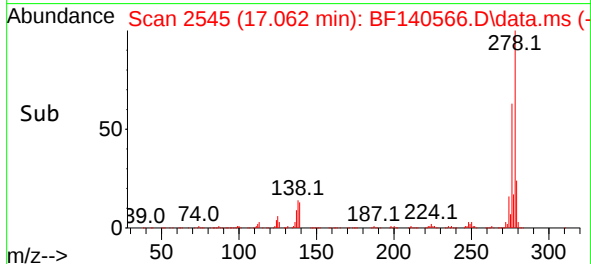
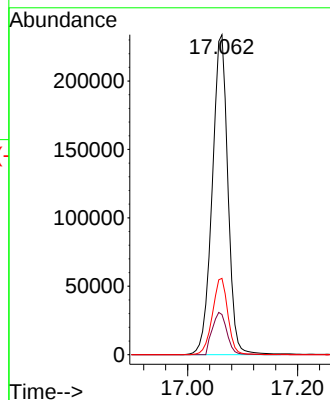
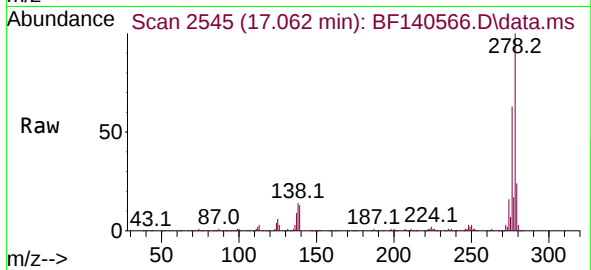
PB165129BS

Tgt Ion:278 Resp: 463015
Ion Ratio Lower Upper
278 100
139 12.5 10.2 15.4
279 23.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 38.754 ng
RT: 17.503 min Scan# 2620
Delta R.T. -0.006 min
Lab File: BF140566.D
Acq: 22 Nov 2024 10:12

Tgt Ion:276 Resp: 425548
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 16.8 13.2 19.8

