

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140626.D
 Acq On : 26 Nov 2024 01:32
 Operator : RC/JU
 Sample : P4954-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112124MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 02:45:09 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	6.875	152	61412	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	198746	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	94548	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	157588	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	80063	20.000	ng	0.00
86) Perylene-d12	15.539	264	71140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	408932	113.614	ng	0.00
7) Phenol-d6	6.516	99	522391	109.783	ng	0.00
23) Nitrobenzene-d5	7.439	82	326968	84.150	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	105908	104.735	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	515632	81.256	ng	0.00
79) Terphenyl-d14	12.986	244	410542	79.846	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	71350	47.148	ng	98
3) Pyridine	3.416	79	184076	55.284	ng	99
4) n-Nitrosodimethylamine	3.363	42	101149	51.687	ng	97
6) Aniline	6.534	93	88722	26.490	ng	# 11
8) 2-Chlorophenol	6.663	128	198934	51.373	ng	96
9) Benzaldehyde	6.428	77	114418	45.422	ng	# 62
10) Phenol	6.528	94	257312	52.950	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	188212	50.613	ng	99
12) 1,3-Dichlorobenzene	6.816	146	209321	48.107	ng	99
13) 1,4-Dichlorobenzene	6.892	146	212932	48.331	ng	99
14) 1,2-Dichlorobenzene	7.045	146	200138	48.480	ng	99
15) Benzyl Alcohol	7.016	79	178018	50.447	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	217490	49.507	ng	73
17) 2-Methylphenol	7.134	107	151615	48.912	ng	93
18) Hexachloroethane	7.387	117	114453	69.557	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	152625	54.272	ng	97
20) 3+4-Methylphenols	7.287	107	202618	50.855	ng	95
22) Acetophenone	7.281	105	396102	81.749	ng	94
24) Nitrobenzene	7.457	77	208674	51.963	ng	98
25) Isophorone	7.692	82	395682	61.055	ng	# 90
26) 2-Nitrophenol	7.775	139	91359	51.336	ng	# 92
27) 2,4-Dimethylphenol	7.810	122	146354m	68.734	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	212865	53.916	ng	# 90
29) 2,4-Dichlorophenol	8.028	162	152929	54.202	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	155699	48.332	ng	100
31) Naphthalene	8.181	128	581131	56.767	ng	97
32) Benzoic acid	7.928	122	75779	41.961	ng	# 1
33) 4-Chloroaniline	8.234	127	60206	19.643	ng	# 86
34) Hexachlorobutadiene	8.292	225	106876	50.088	ng	99
35) Caprolactam	8.575	113	67984	77.860	ng	# 1
36) 4-Chloro-3-methylphenol	8.716	107	149695	47.387	ng	98
37) 2-Methylnaphthalene	8.869	142	411408	63.272	ng	100
38) 1-Methylnaphthalene	8.969	142	343224	53.852	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	146772	53.027	ng	98
41) Hexachlorocyclopentadiene	9.022	237	3750	12.770	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	91503	52.684	ng	99

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 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	9.204	196	91314	48.444	ng	# 79
46) 1,1'-Biphenyl	9.333	154	411022	58.226	ng	100
47) 2-Chloronaphthalene	9.363	162	270374	50.549	ng	99
48) 2-Nitroaniline	9.457	65	100230	58.380	ng	92
49) Acenaphthylene	9.781	152	432447	53.510	ng	98
50) Dimethylphthalate	9.628	163	320419	51.457	ng	# 98
51) 2,6-Dinitrotoluene	9.698	165	67848	48.043	ng	97
52) Acenaphthene	9.951	154	261909	51.005	ng	95
53) 3-Nitroaniline	9.869	138	52057	37.689	ng	# 98
54) 2,4-Dinitrophenol	9.986	184	6985	16.439	ng	# 46
55) Dibenzofuran	10.122	168	393717	50.267	ng	96
56) 4-Nitrophenol	10.039	139	101930	108.207	ng	92
57) 2,4-Dinitrotoluene	10.104	165	86862	46.280	ng	# 96
58) Fluorene	10.463	166	314981	50.101	ng	# 96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	71733	49.517	ng	# 74
60) Diethylphthalate	10.333	149	303509	47.973	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	146353	47.435	ng	94
62) 4-Nitroaniline	10.480	138	59466	41.049	ng	95
63) Azobenzene	10.616	77	339535	56.672	ng	90
65) 4,6-Dinitro-2-methylph...	10.516	198	7069	8.778	ng	# 1
66) n-Nitrosodiphenylamine	10.569	169	288393	61.883	ng	96
67) 4-Bromophenyl-phenylether	10.945	248	84383	51.995	ng	95
68) Hexachlorobenzene	11.016	284	92053	48.986	ng	# 92
69) Atrazine	11.098	200	90750	69.220	ng	98
70) Pentachlorophenol	11.216	266	84123	101.712	ng	99
71) Phenanthrene	11.427	178	505228	66.696	ng	99
72) Anthracene	11.480	178	428947	57.888	ng	98
73) Carbazole	11.639	167	394905	55.399	ng	99
74) Di-n-butylphthalate	11.957	149	438606	53.296	ng	100
75) Fluoranthene	12.621	202	548474	66.687	ng	100
77) Benzidine	12.739	184	103748	44.569	ng	97
78) Pyrene	12.851	202	518530	70.045	ng	99
80) Butylbenzylphthalate	13.457	149	149128	55.920	ng	95
81) Benzo(a)anthracene	14.039	228	333823	62.987	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	60093	37.765	ng	99
83) Chrysene	14.074	228	296493	61.182	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	179490	53.303	ng	99
85) Di-n-octyl phthalate	14.633	149	257105	55.869	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	221980	47.881	ng	98
88) Benzo(b)fluoranthene	15.104	252	255623	57.207	ng	98
89) Benzo(k)fluoranthene	15.133	252	252314m	64.526	ng	
90) Benzo(a)pyrene	15.480	252	233495	64.268	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	169953	44.762	ng	99
92) Benzo(g,h,i)perylene	17.509	276	153788	39.693	ng	99

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

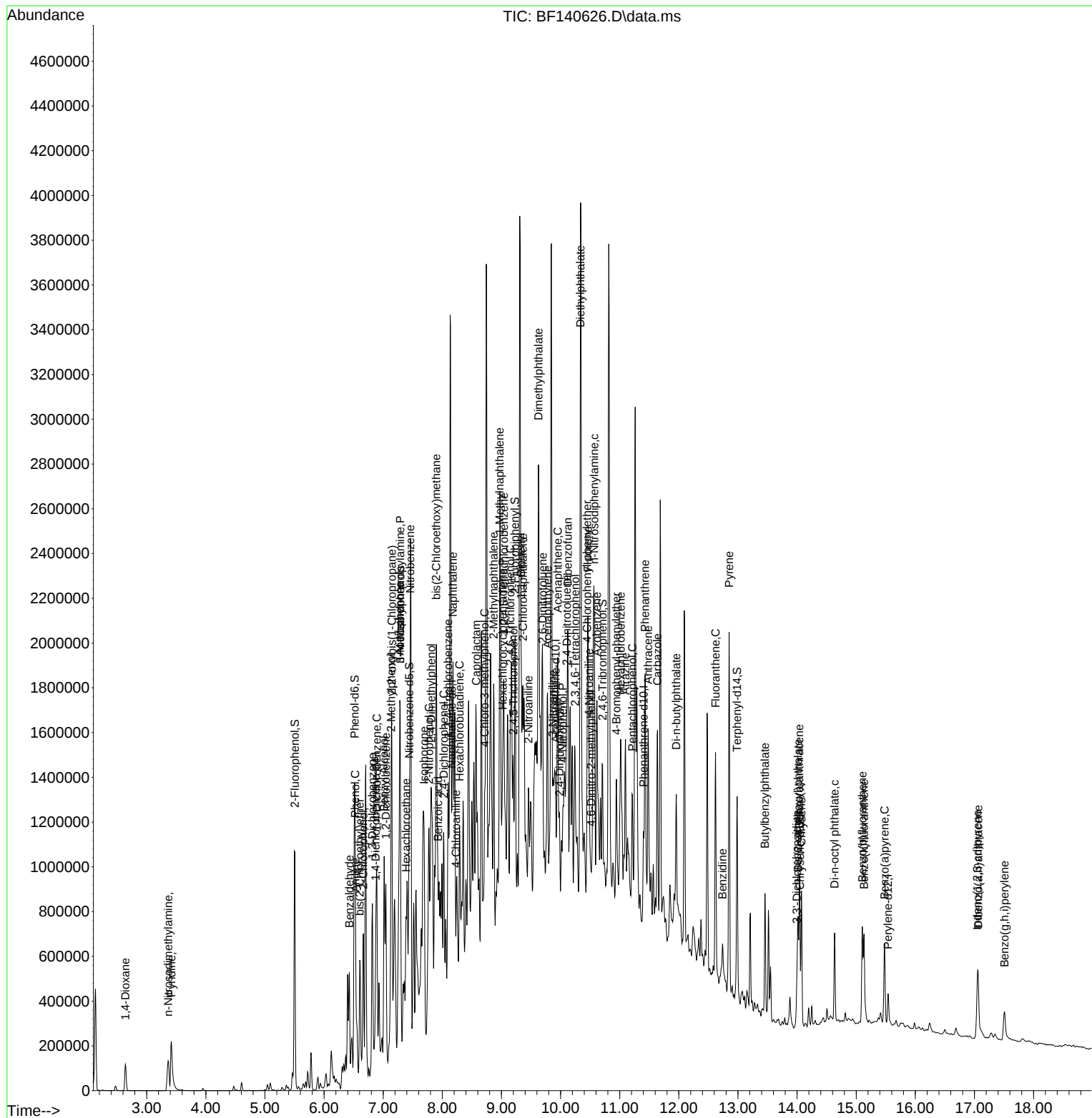
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
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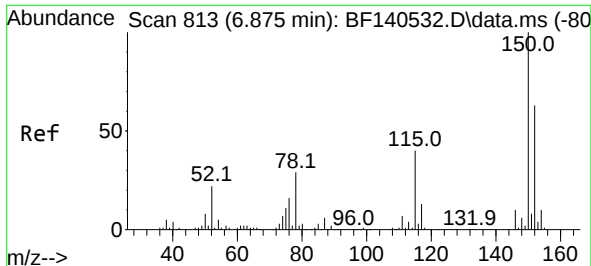
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

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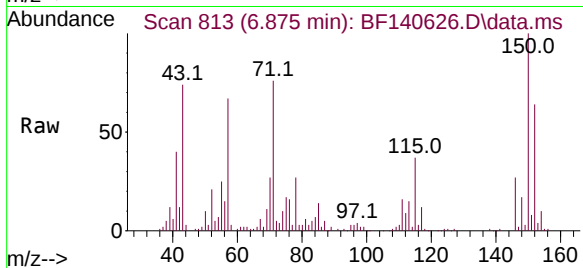
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

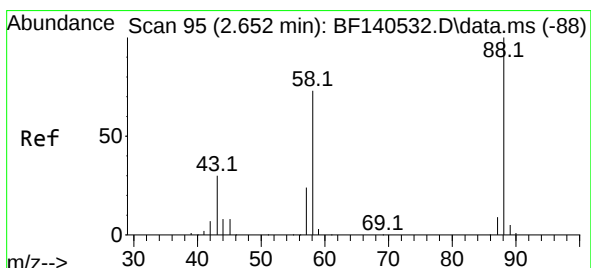
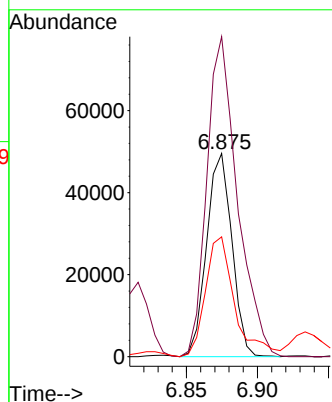
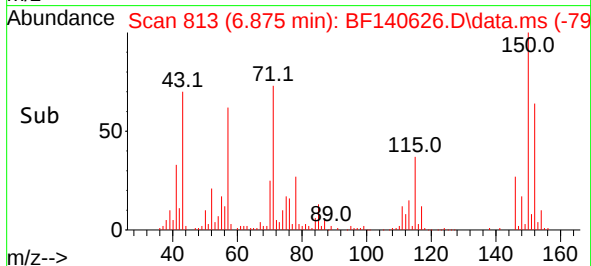
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



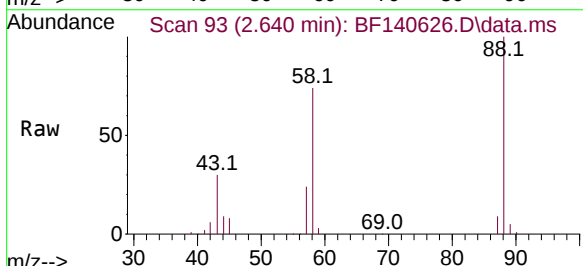
Tgt Ion:152 Resp: 6141
Ion Ratio Lower Upper
152 100
150 157.4 128.5 192.7
115 58.9 50.2 75.4

Manual Integrations
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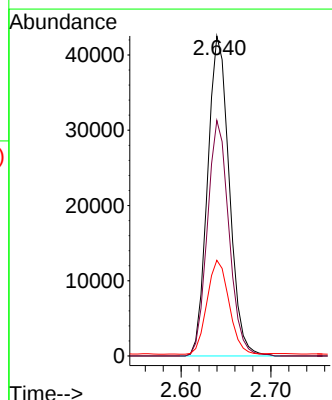
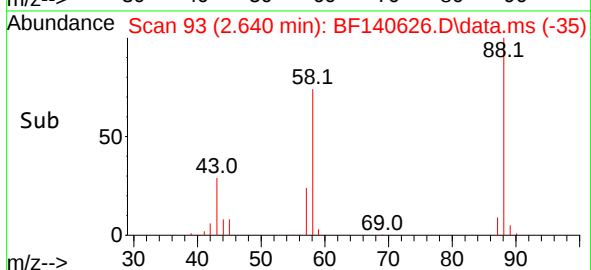
Reviewed By :Yogesh Patel 11/27/2024
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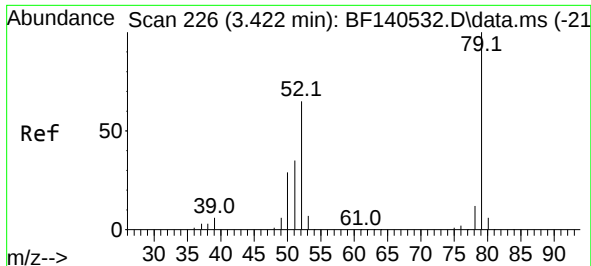


#2
1,4-Dioxane
Concen: 47.148 ng
RT: 2.640 min Scan# 93
Delta R.T. -0.012 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32



Tgt Ion: 88 Resp: 71350
Ion Ratio Lower Upper
88 100
58 73.2 57.4 86.2
43 29.8 24.3 36.5





#3

Pyridine

Concen: 55.284 ng

RT: 3.416 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

Tgt Ion: 79 Resp: 184070

Ion Ratio Lower Upper

79 100

52 64.1 52.1 78.1

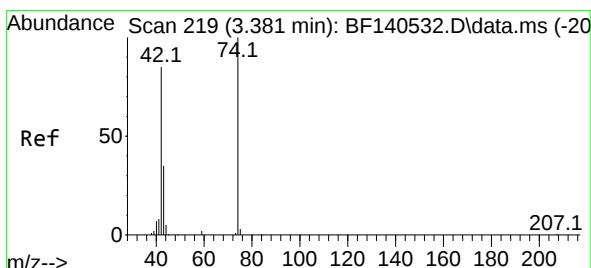
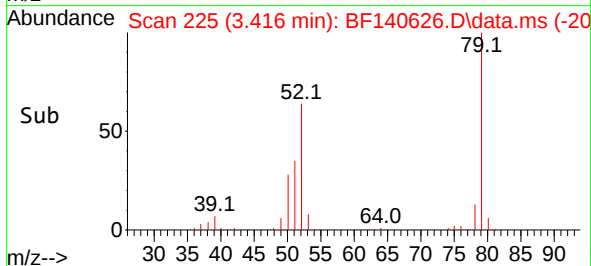
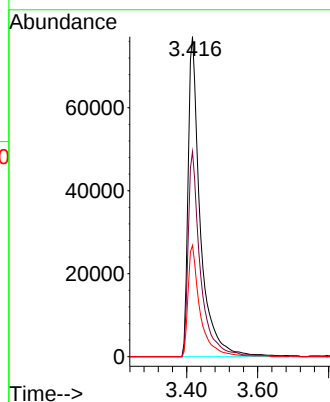
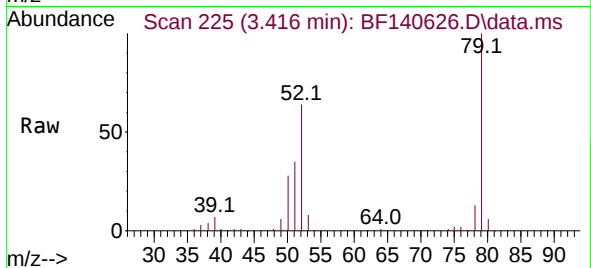
51 34.8 27.8 41.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 51.687 ng

RT: 3.363 min Scan# 216

Delta R.T. -0.018 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

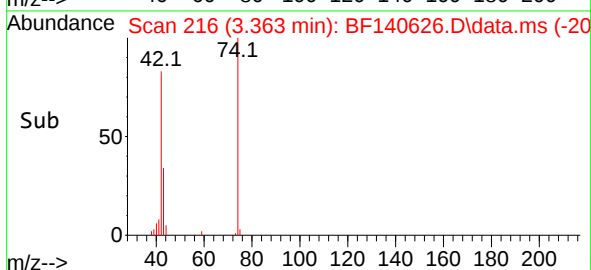
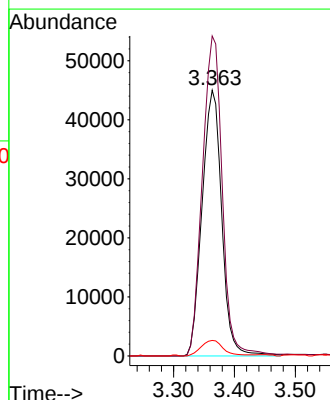
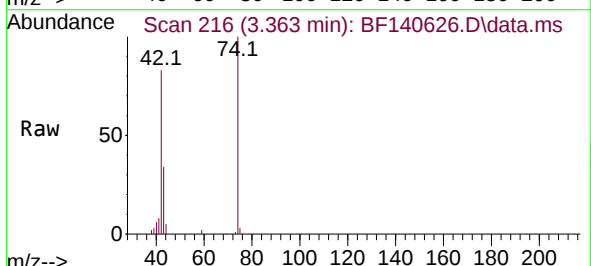
Tgt Ion: 42 Resp: 101149

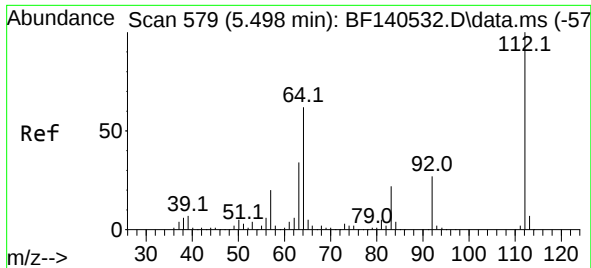
Ion Ratio Lower Upper

42 100

74 120.4 93.8 140.6

44 5.9 4.6 6.8





#5
2-Fluorophenol
Concen: 113.614 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

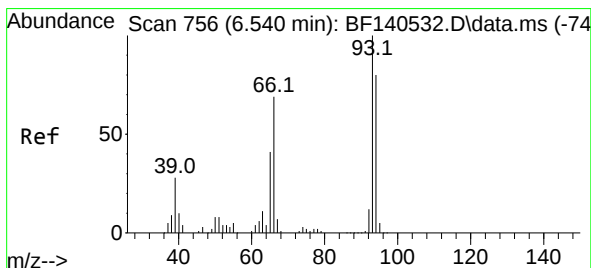
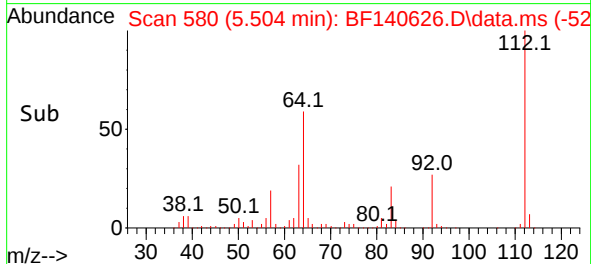
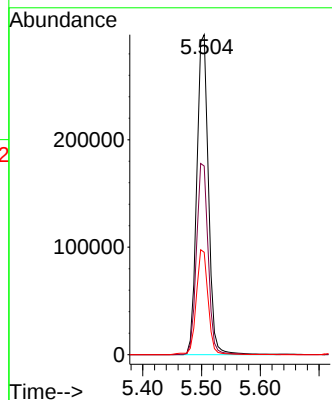
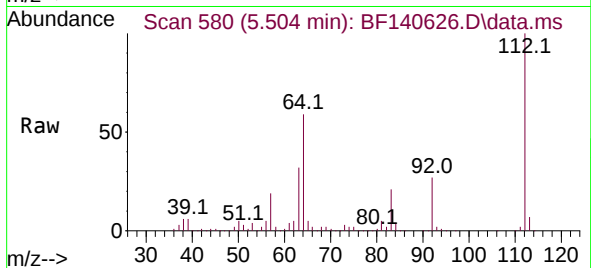
TR-05-112124MSD

Tgt Ion:112 Resp: 40893
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 32.0 27.0 40.4

Manual Integrations

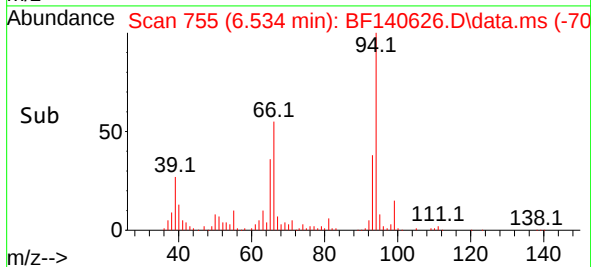
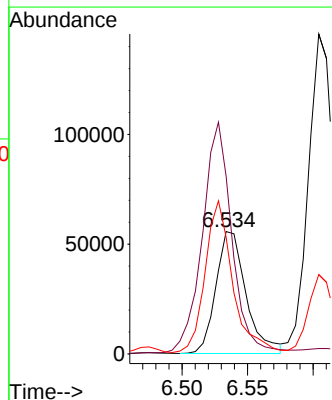
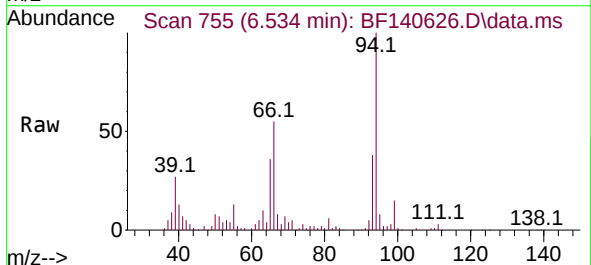
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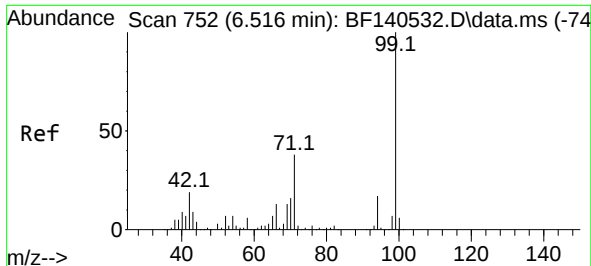
Reviewed By :Yogesh Patel 11/27/2024
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#6
Aniline
Concen: 26.490 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

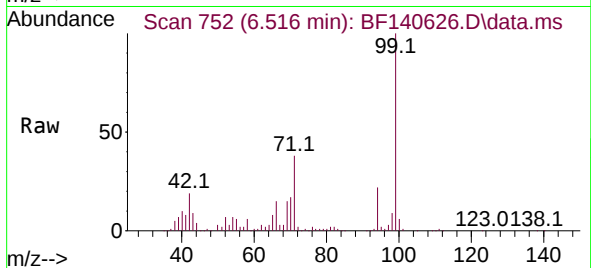
Tgt Ion: 93 Resp: 88722
Ion Ratio Lower Upper
93 100
66 145.2 56.5 84.7#
65 95.4 32.9 49.3#





#7
Phenol-d6
Concen: 109.783 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

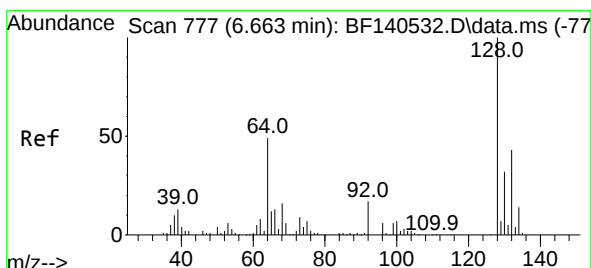
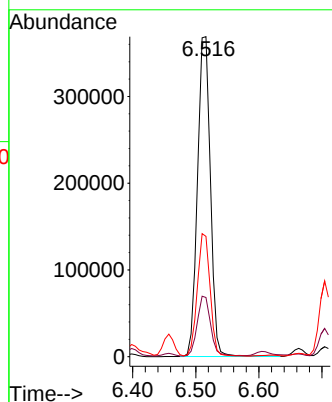
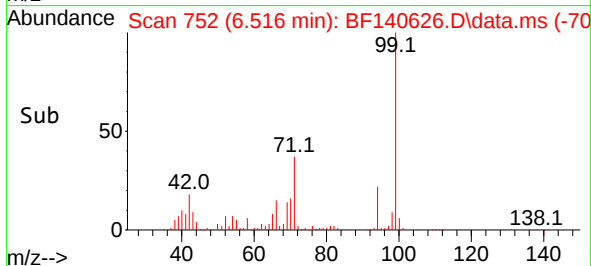
Instrument :
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Tgt Ion: 99 Resp: 52239
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.6 30.6 46.0

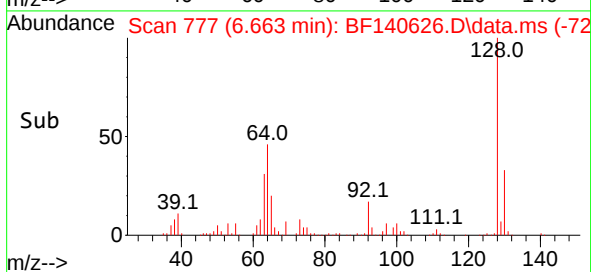
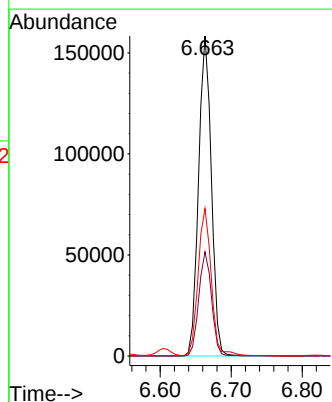
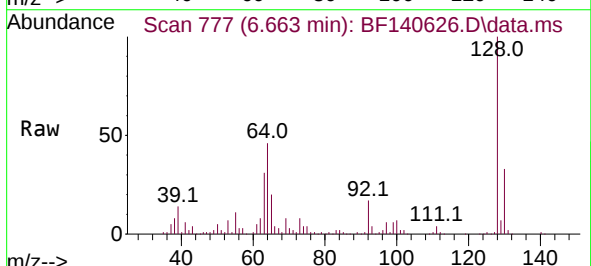
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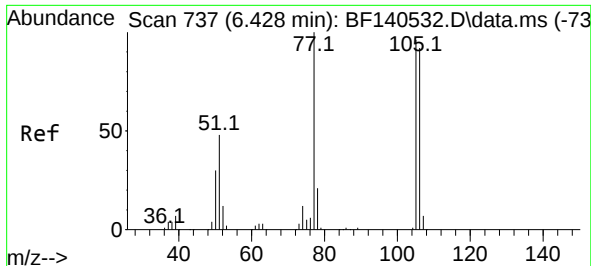
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 51.373 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

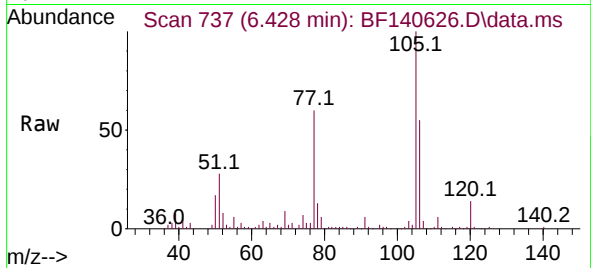
Tgt Ion:128 Resp: 198934
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 46.1 30.2 70.2





#9
Benzaldehyde
Concen: 45.422 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

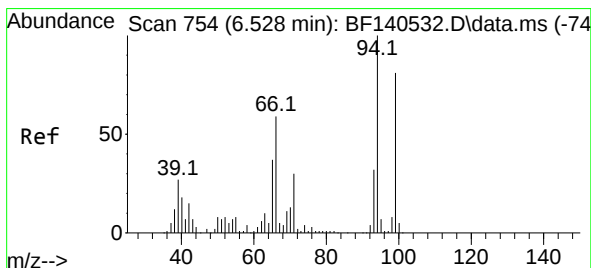
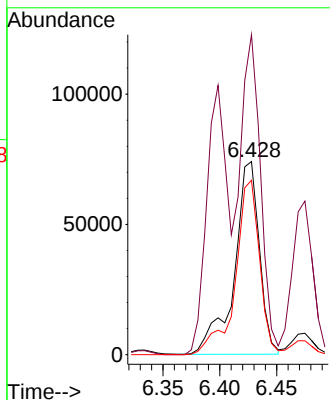
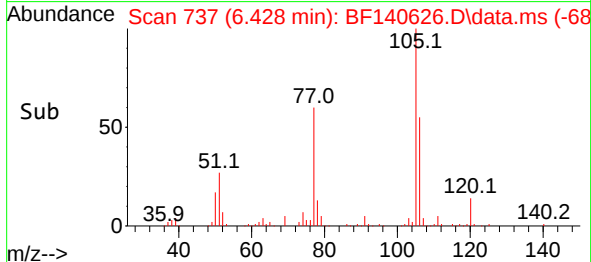
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Tgt Ion: 77 Resp: 114418
Ion Ratio Lower Upper
77 100
105 165.7 75.6 115.6
106 90.4 72.0 112.0

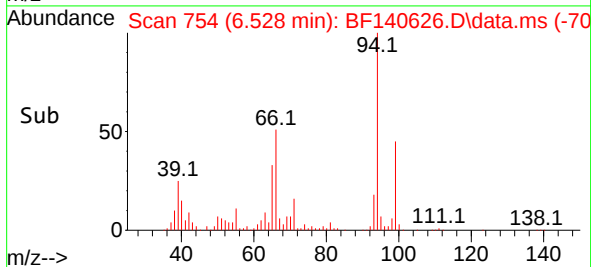
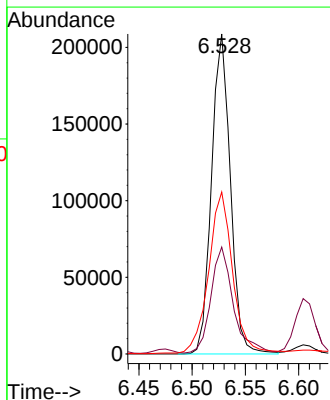
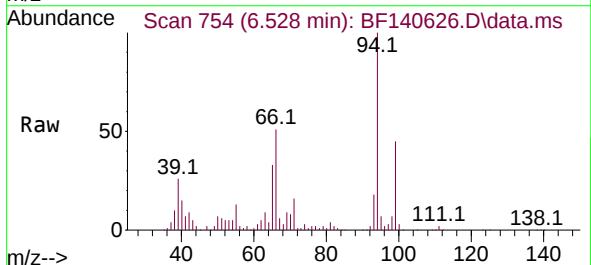
Manual Integrations
APPROVED

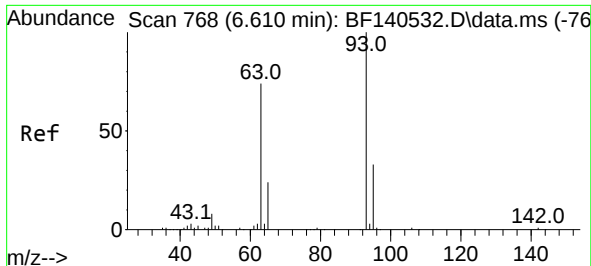
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 52.950 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion: 94 Resp: 257312
Ion Ratio Lower Upper
94 100
65 33.4 17.2 57.2
66 50.6 39.2 79.2





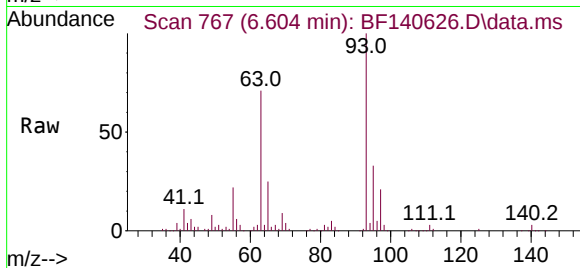
#11
bis(2-Chloroethyl)ether
Concen: 50.613 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

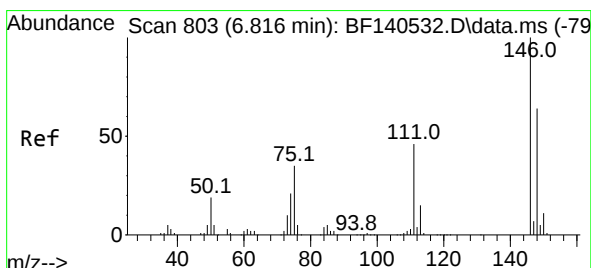
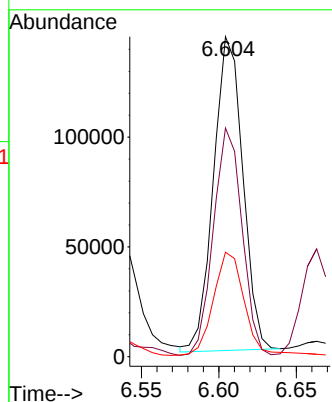
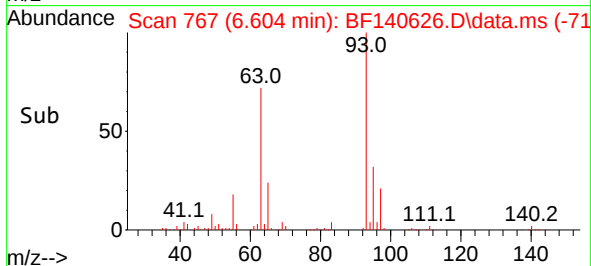
TR-05-112124MSD



Tgt Ion: 93 Resp: 18821
Ion Ratio Lower Upper
93 100
63 71.5 52.8 92.8
95 32.7 12.3 52.3

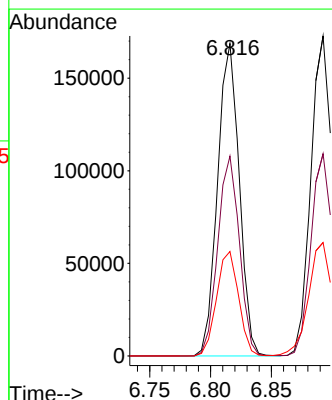
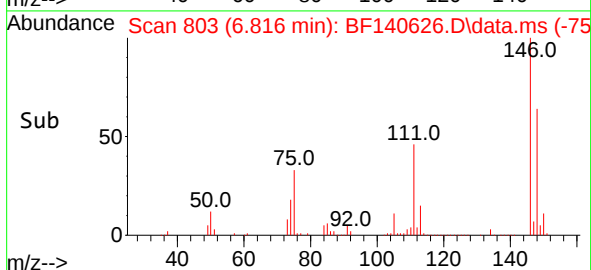
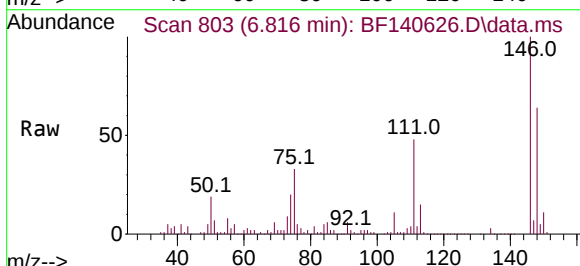
Manual Integrations
APPROVED

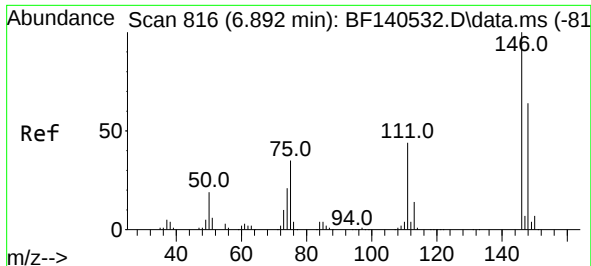
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 48.107 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

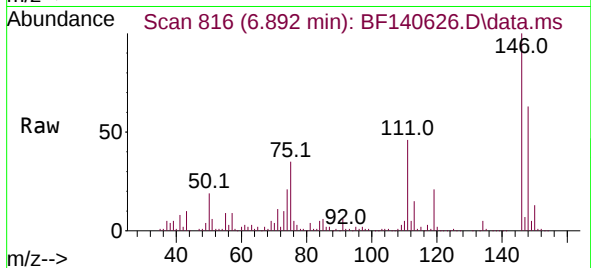
Tgt Ion:146 Resp: 209321
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 33.4 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 48.331 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

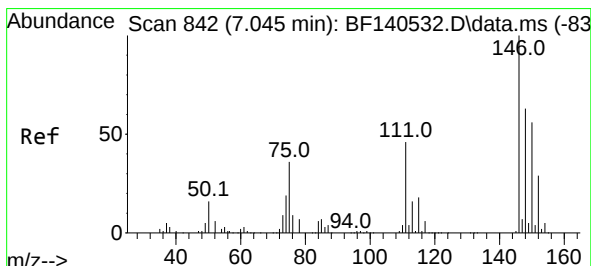
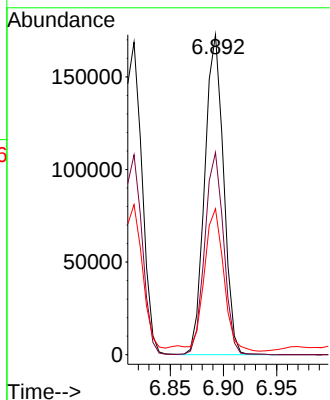
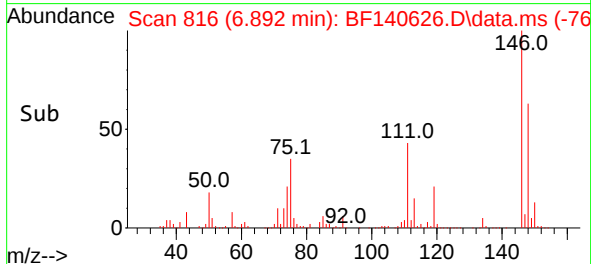
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



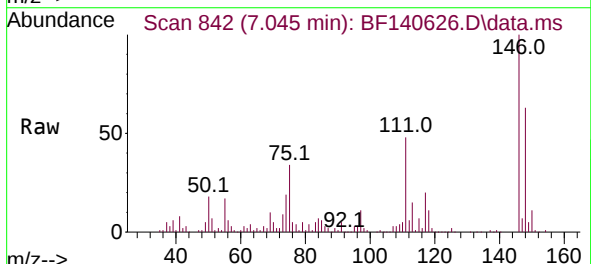
Tgt Ion:146 Resp: 21293
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 45.6 35.3 52.9

Manual Integrations
APPROVED

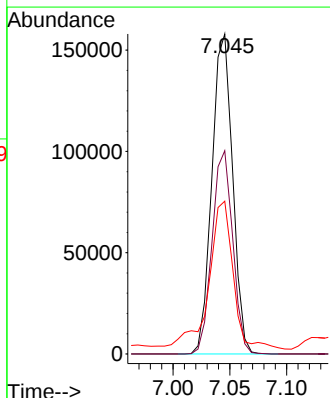
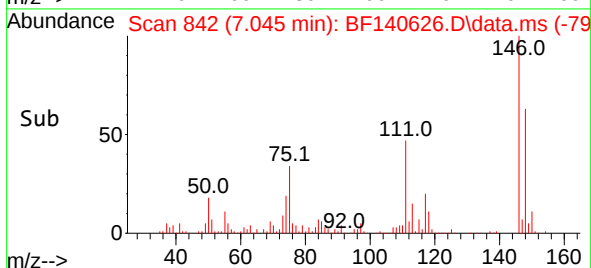
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

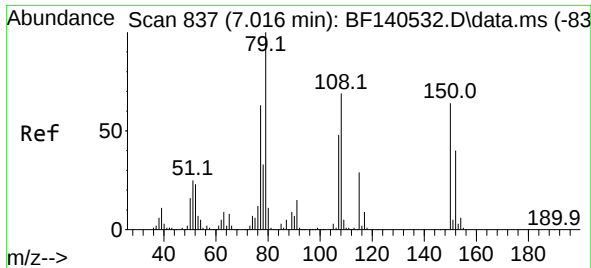


#14
1,2-Dichlorobenzene
Concen: 48.480 ng
RT: 7.045 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32



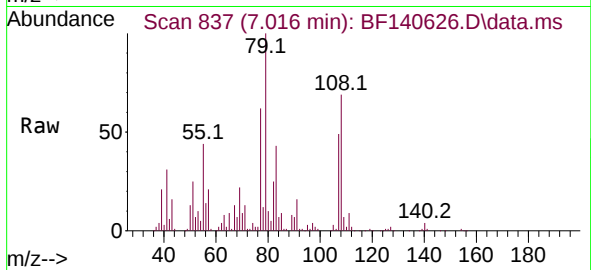
Tgt Ion:146 Resp: 200138
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
111 47.8 36.7 55.1





#15
Benzyl Alcohol
Concen: 50.447 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

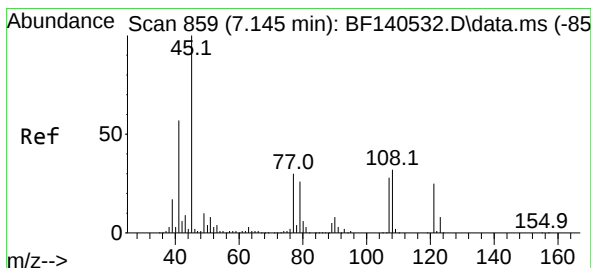
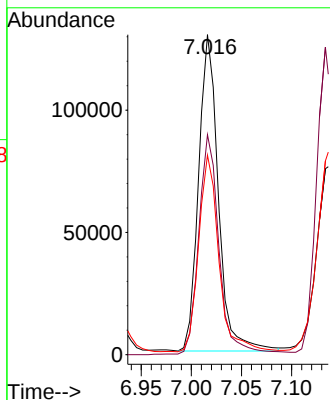
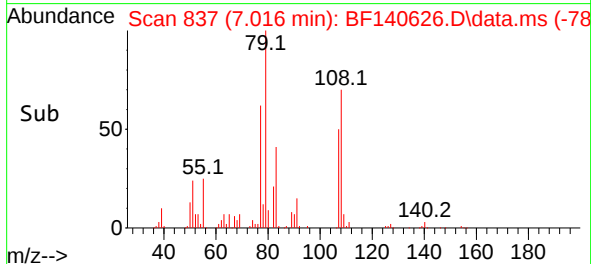
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



Tgt Ion: 79 Resp: 178018
Ion Ratio Lower Upper
79 100
108 68.7 55.0 82.6
77 62.4 50.1 75.1

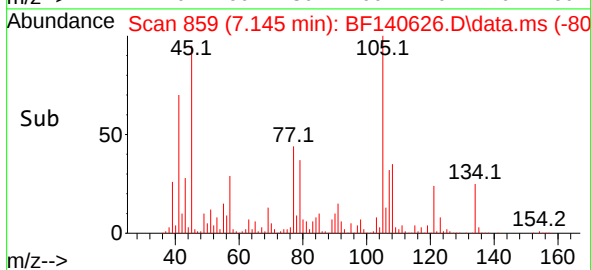
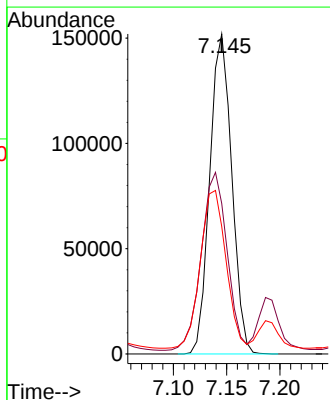
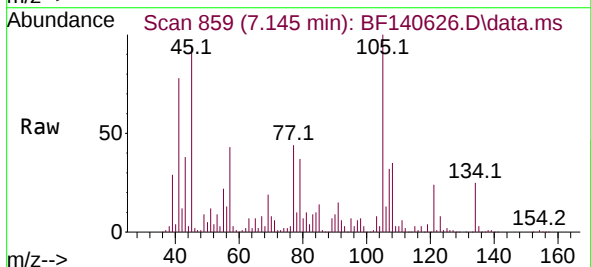
Manual Integrations
APPROVED

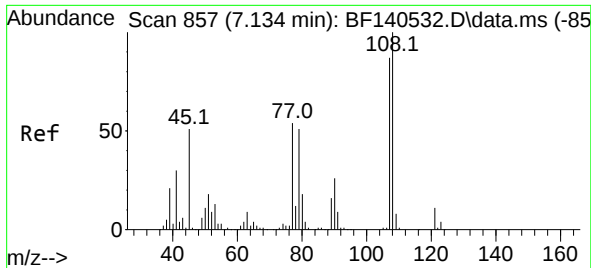
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.507 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

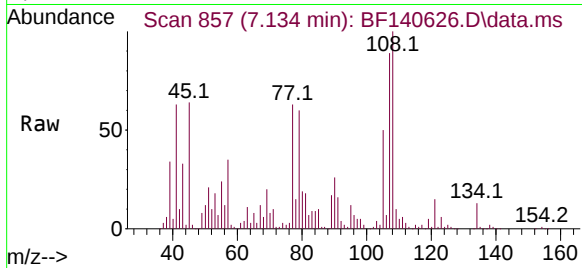
Tgt Ion: 45 Resp: 217490
Ion Ratio Lower Upper
45 100
77 47.0 10.7 50.7
79 39.9 7.0 47.0





#17
2-Methylphenol
Concen: 48.912 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

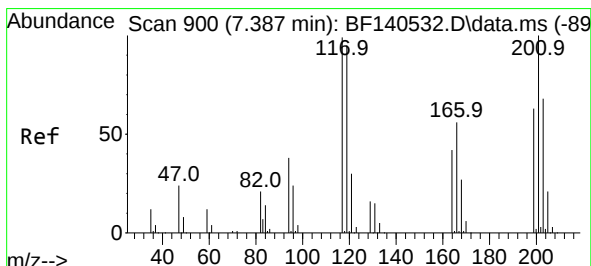
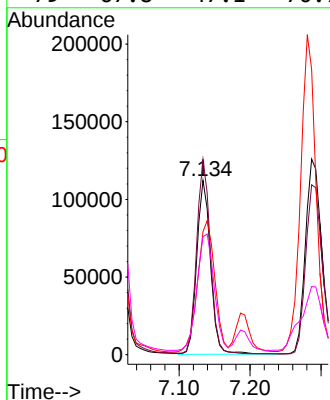
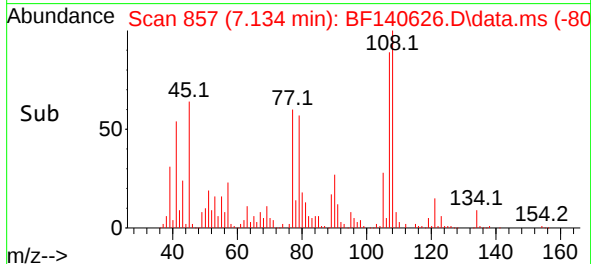
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



Tgt Ion:107 Resp: 151615
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 70.7 49.3 73.9
79 67.8 47.1 70.7

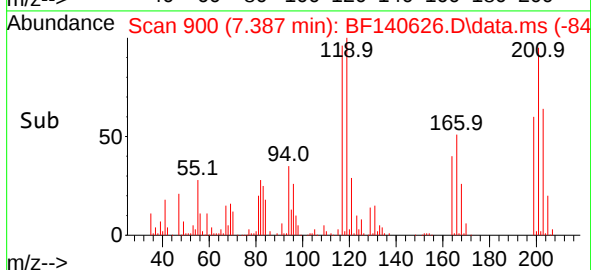
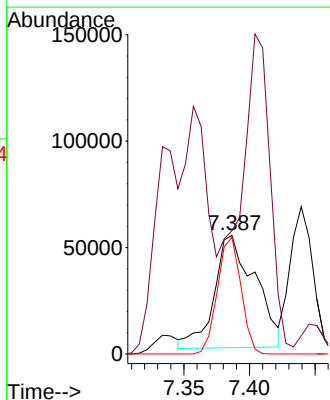
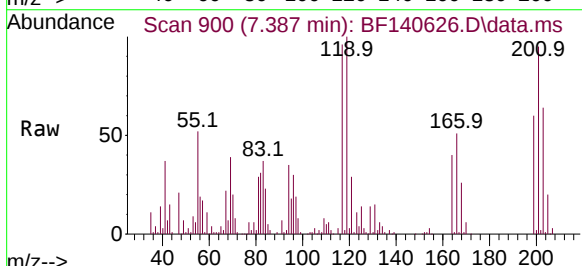
Manual Integrations
APPROVED

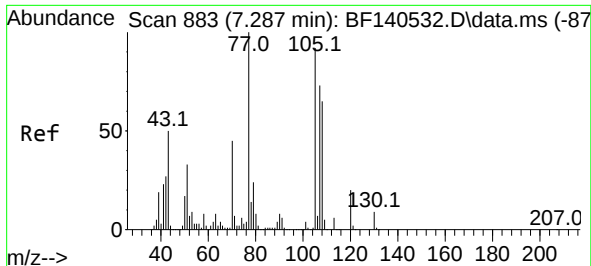
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 69.557 ng
RT: 7.387 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:117 Resp: 114453
Ion Ratio Lower Upper
117 100
119 103.9 77.1 115.7
201 98.3 81.1 121.7





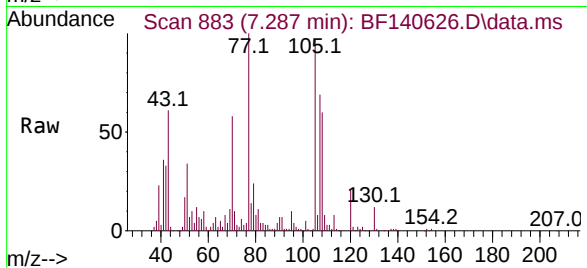
#19
n-Nitroso-di-n-propylamine
Concen: 54.272 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

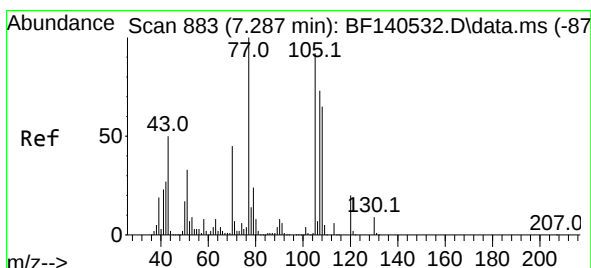
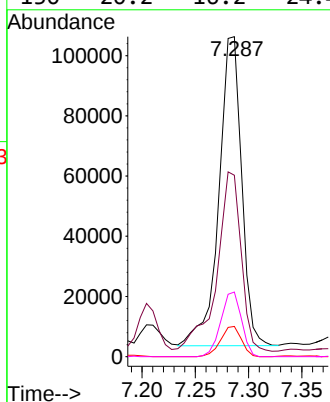
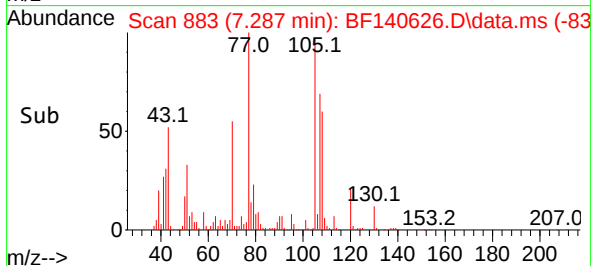


Tgt Ion: 70 Resp: 152629
Ion Ratio Lower Upper
70 100
42 56.7 47.6 71.4
101 9.4 7.6 11.4
130 20.2 16.2 24.4

Manual Integrations

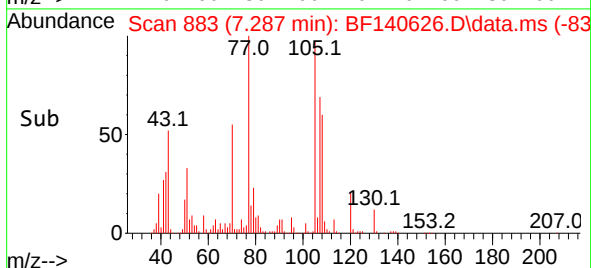
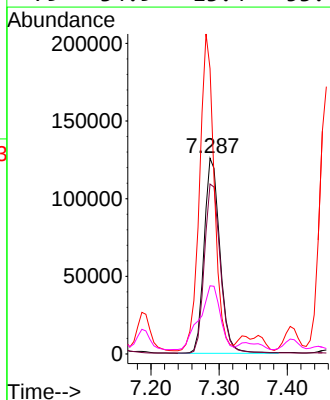
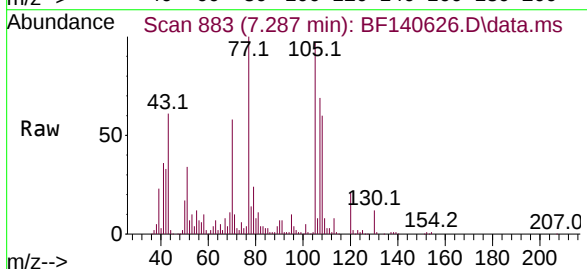
APPROVED

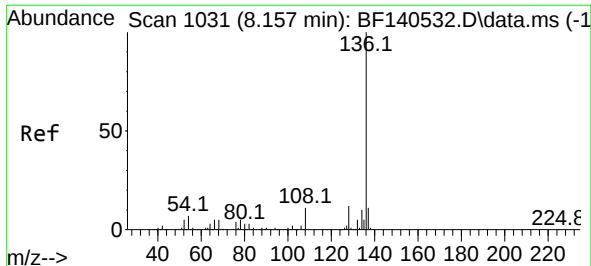
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 50.855 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:107 Resp: 202618
Ion Ratio Lower Upper
107 100
108 86.8 69.9 109.9
77 145.8 117.7 157.7
79 34.9 13.4 53.4





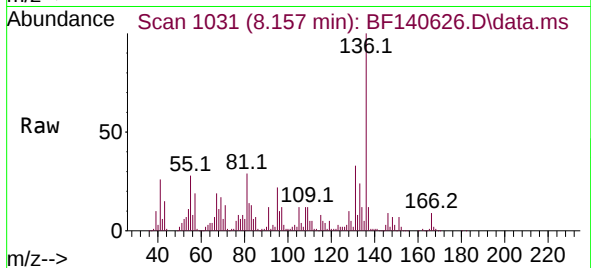
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNF

ClientSampleId :

TR-05-112124MSD



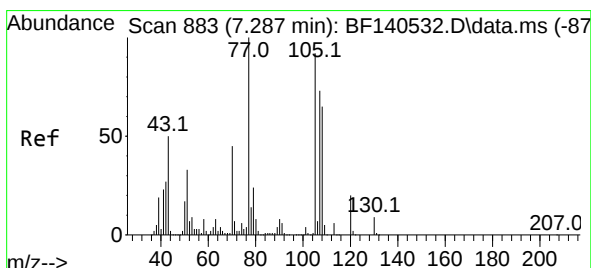
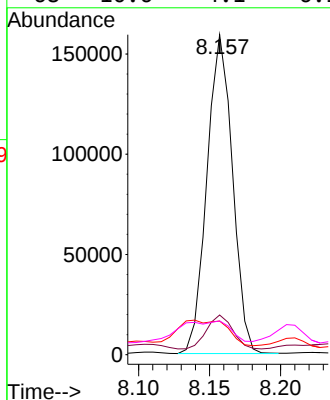
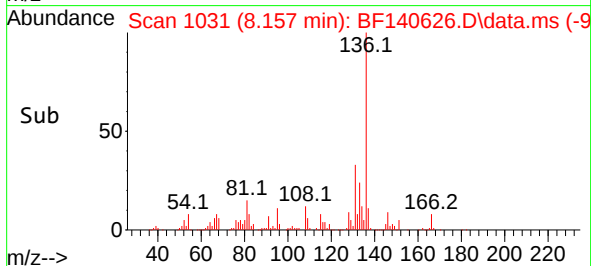
Tgt Ion:136 Resp: 198740
Ion Ratio Lower Upper
136 100
137 12.4 8.6 13.0
54 10.5 5.8 8.8
68 10.6 4.1 6.1

Manual Integrations

APPROVED

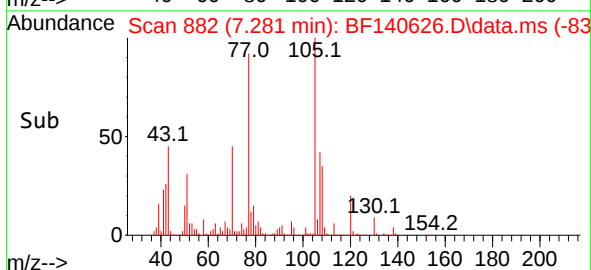
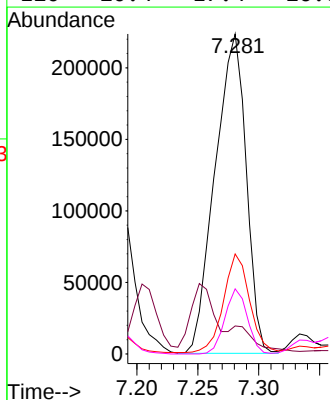
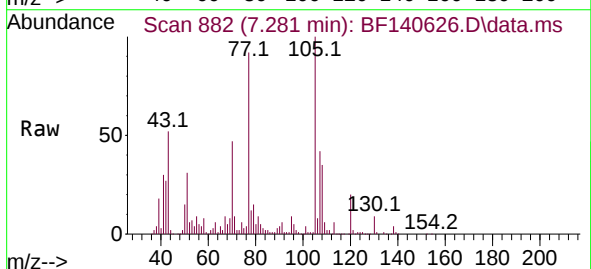
Reviewed By :Yogesh Patel 11/27/2024

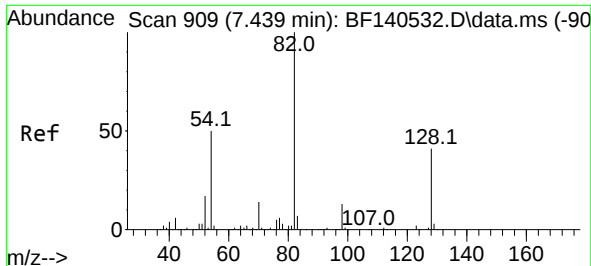
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 81.749 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:105 Resp: 396102
Ion Ratio Lower Upper
105 100
71 8.8 6.2 9.2
51 31.3 29.0 43.6
120 20.4 17.4 26.0





#23
Nitrobenzene-d5
Concen: 84.150 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

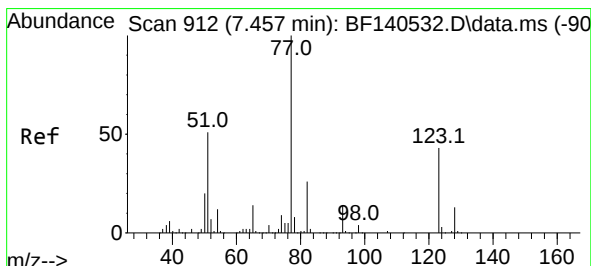
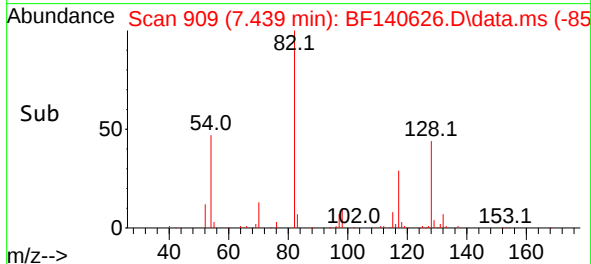
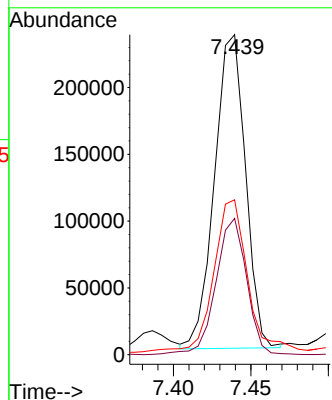
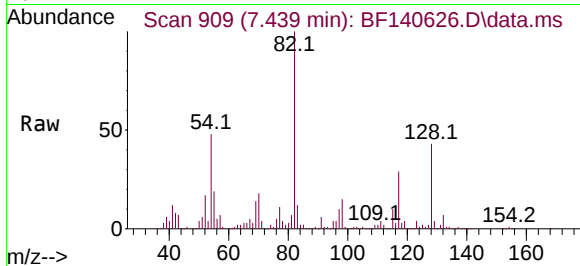
ClientSampleId :

TR-05-112124MSD

Tgt Ion: 82 Resp: 326968
Ion Ratio Lower Upper
82 100
128 42.6 33.0 49.4
54 48.4 39.5 59.3

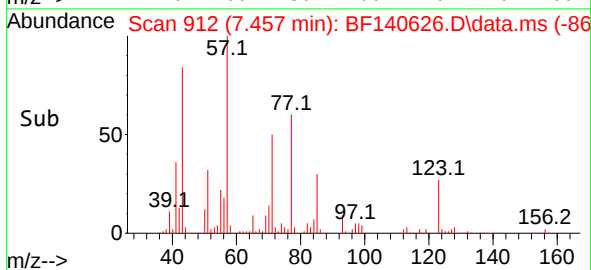
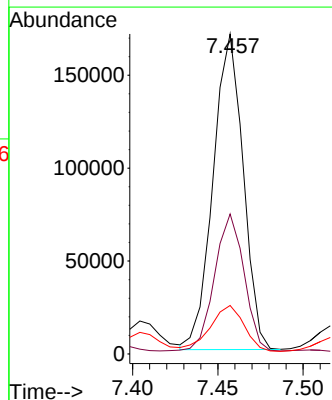
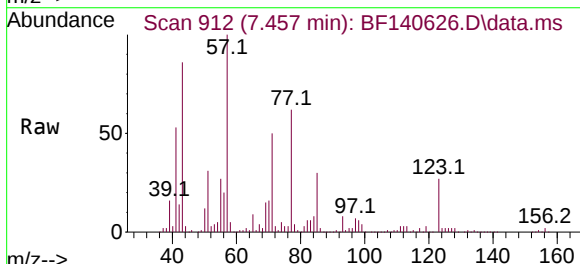
Manual Integrations
APPROVED

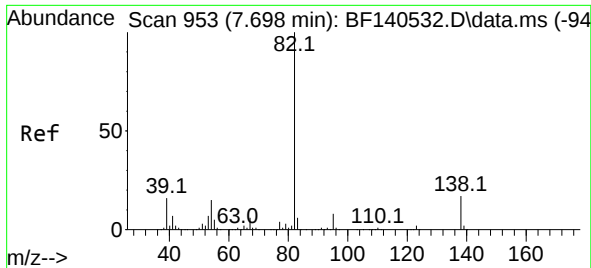
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Nitrobenzene
Concen: 51.963 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion: 77 Resp: 208674
Ion Ratio Lower Upper
77 100
123 43.8 34.3 51.5
65 15.1 11.2 16.8





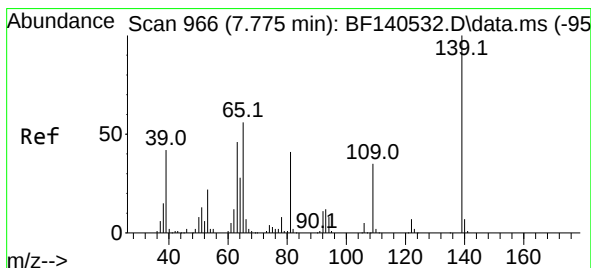
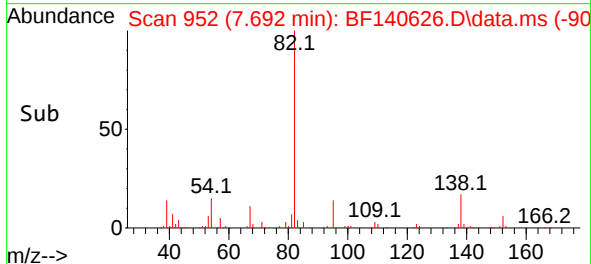
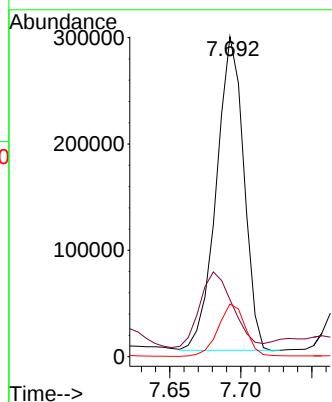
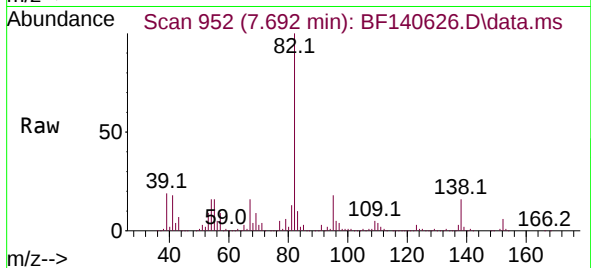
#25
Isophorone
Concen: 61.055 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

Tgt Ion: 82 Resp: 39568
Ion Ratio Lower Upper
82 100
95 17.8 6.4 9.6
138 16.5 13.8 20.6

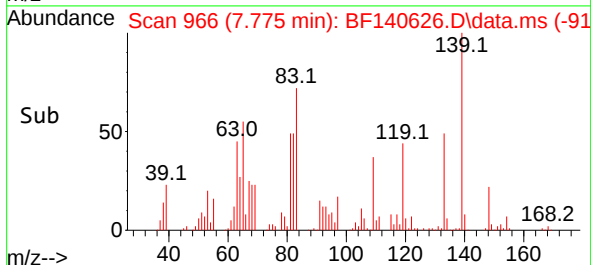
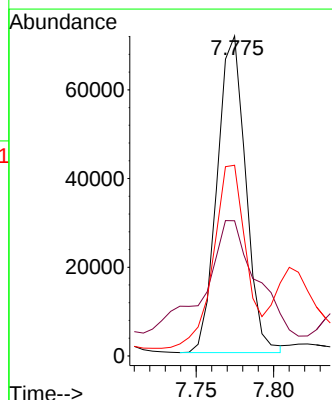
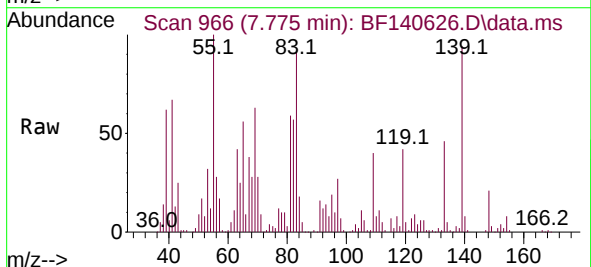
Manual Integrations
APPROVED

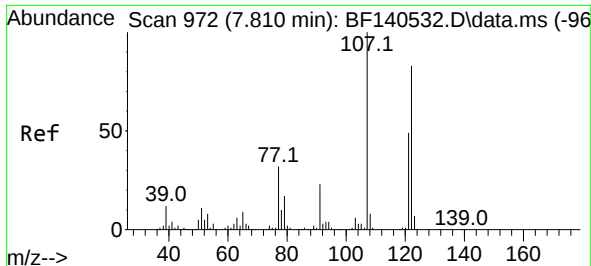
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 51.336 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:139 Resp: 91359
Ion Ratio Lower Upper
139 100
109 42.2 28.0 42.0#
65 59.6 44.6 67.0





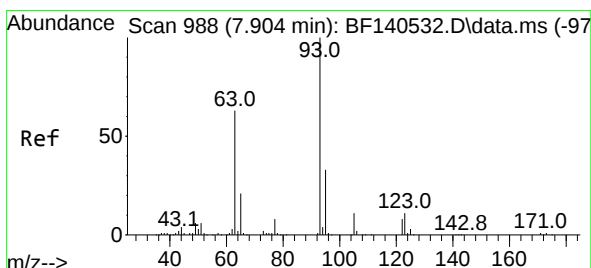
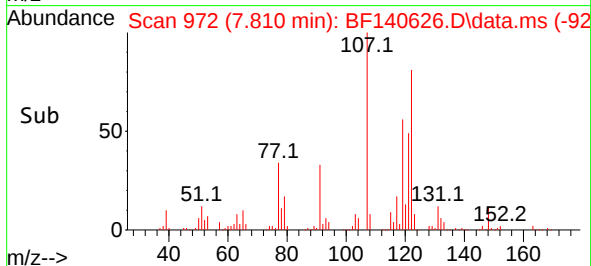
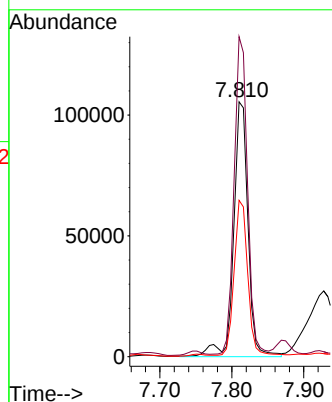
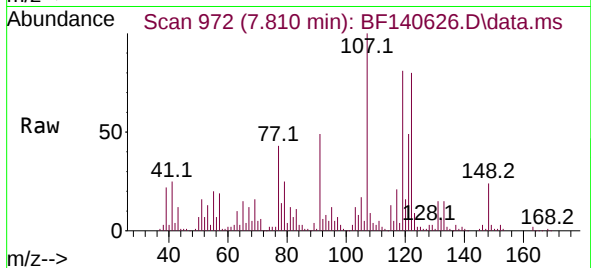
#27
2,4-Dimethylphenol
Concen: 68.734 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

Tgt Ion:122 Resp: 146354
Ion Ratio Lower Upper
122 100
107 125.5 96.8 145.2
121 61.3 47.4 71.0

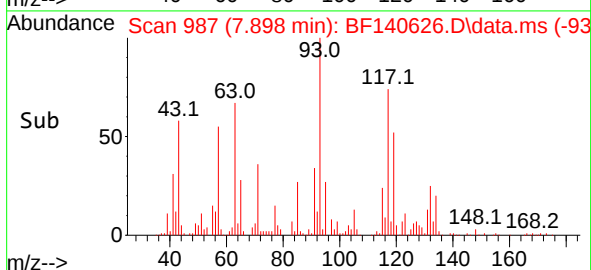
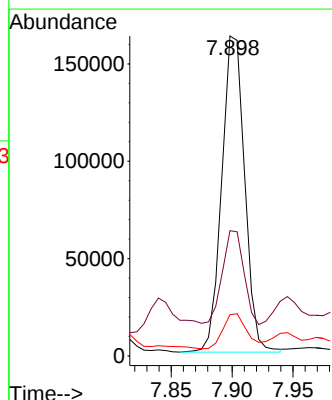
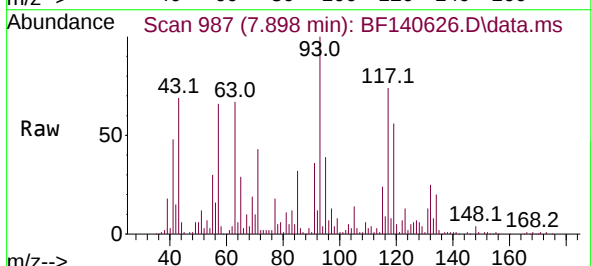
Manual Integrations
APPROVED

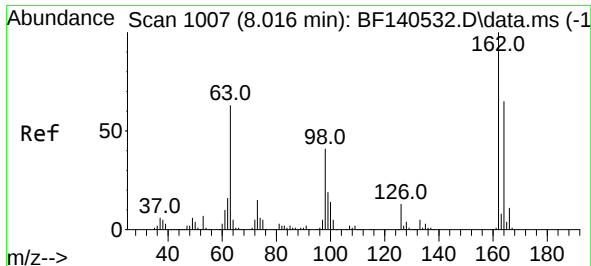
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 53.916 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion: 93 Resp: 212865
Ion Ratio Lower Upper
93 100
95 39.2 26.1 39.1#
123 12.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 54.202 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

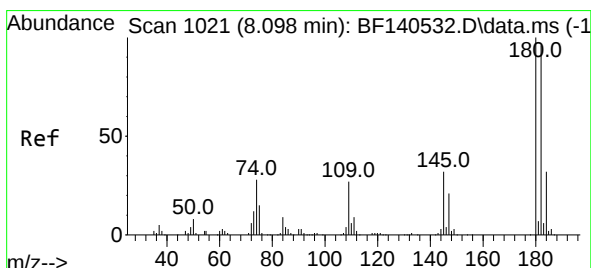
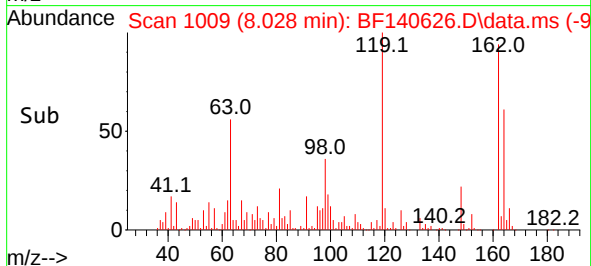
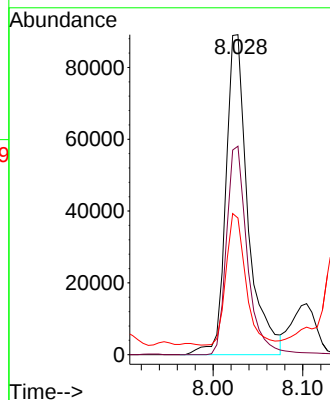
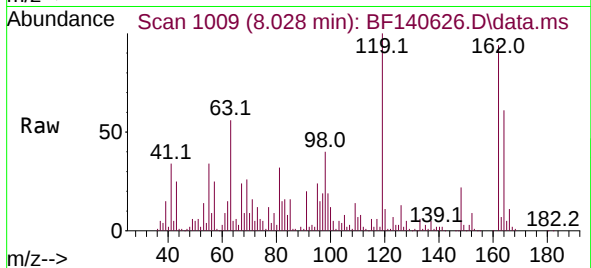
Tgt Ion:162	Resp: 152929
Ion Ratio	Lower Upper
162 100	
164 65.1	44.8 84.8
98 42.7	21.2 61.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 48.332 ng

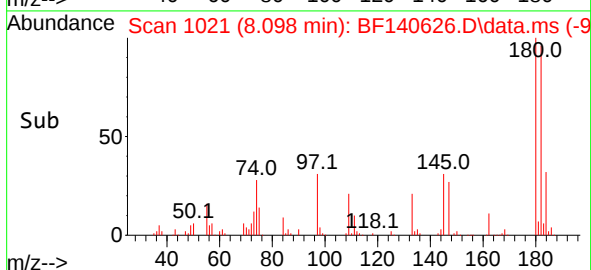
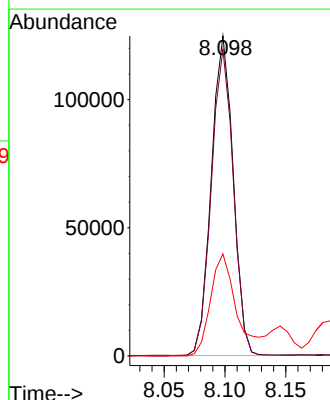
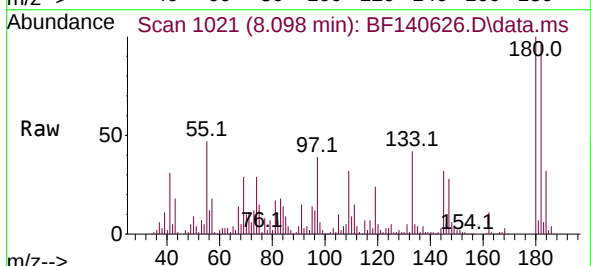
RT: 8.098 min Scan# 1021

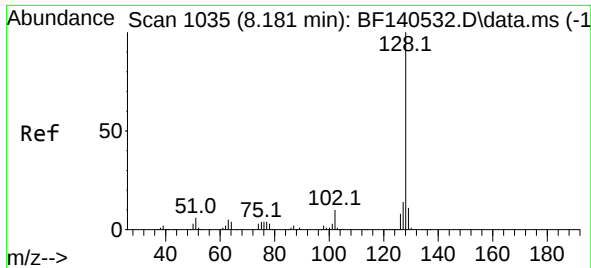
Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Tgt Ion:180	Resp: 155699
Ion Ratio	Lower Upper
180 100	
182 95.8	76.4 114.6
145 31.9	25.9 38.9





#31
Naphthalene
Concen: 56.767 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

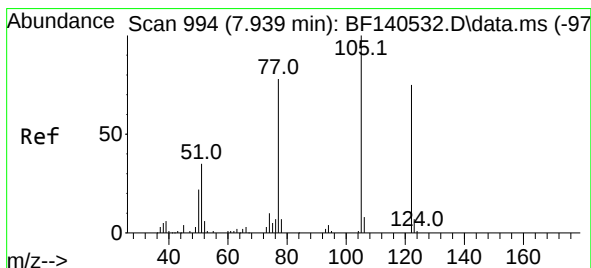
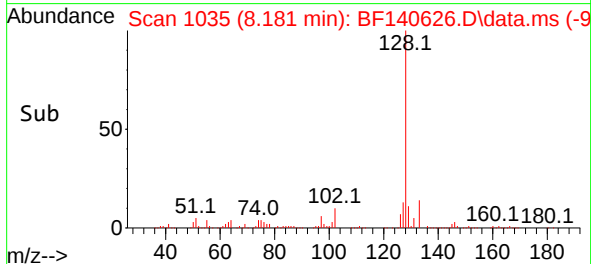
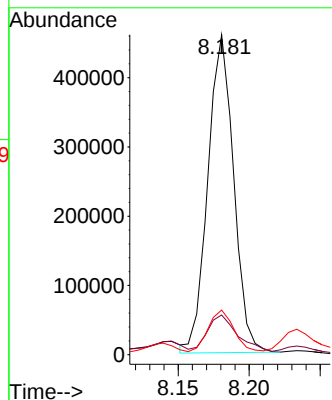
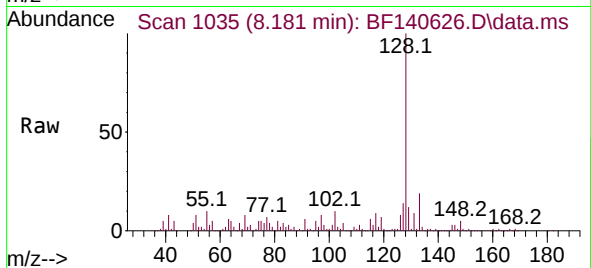
ClientSampleId :

TR-05-112124MSD

Tgt Ion:128 Resp: 58113
Ion Ratio Lower Upper
128 100
129 12.4 8.6 13.0
127 14.0 10.8 16.2

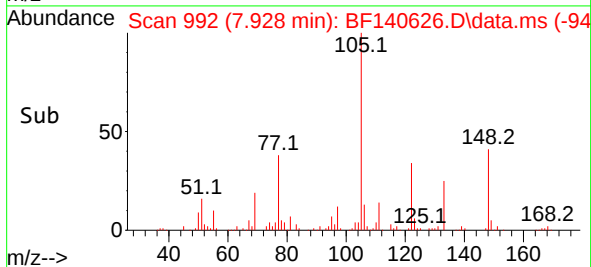
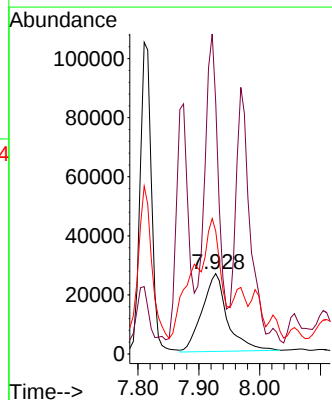
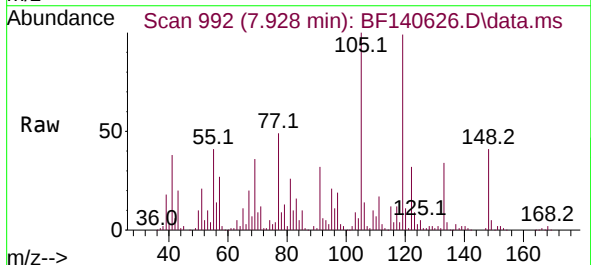
Manual Integrations
APPROVED

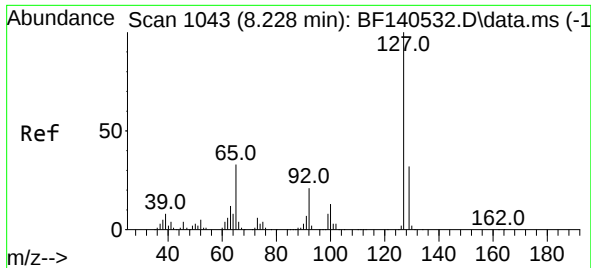
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 41.961 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.011 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:122 Resp: 75779
Ion Ratio Lower Upper
122 100
105 313.2 109.3 149.3#
77 152.9 82.3 122.3#





#33
4-Chloroaniline
Concen: 19.643 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

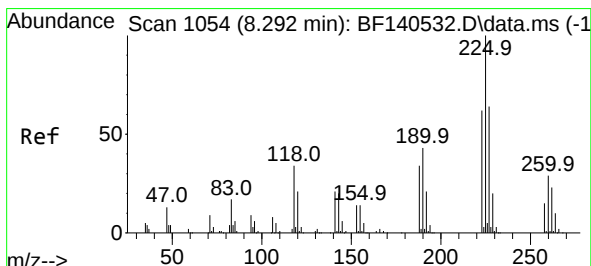
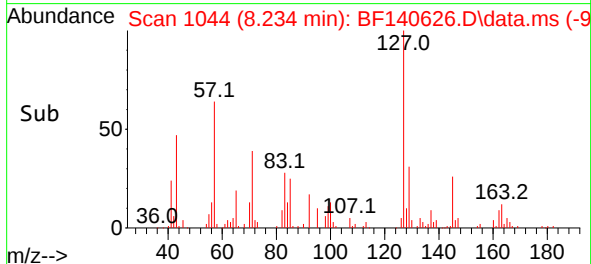
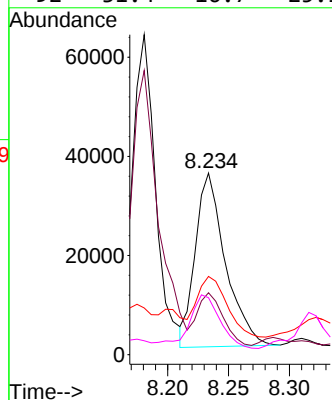
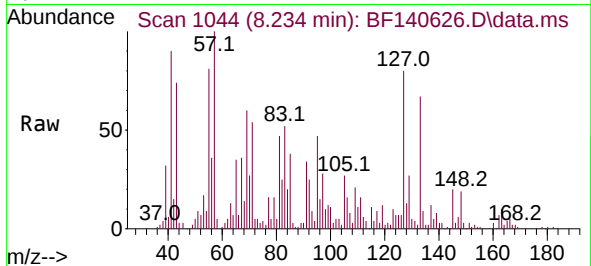
TR-05-112124MSD

Tgt Ion:127 Resp: 60200
Ion Ratio Lower Upper
127 100
129 34.1 26.0 39.0
65 43.1 26.0 39.0
92 31.4 16.7 25.1#

Manual Integrations

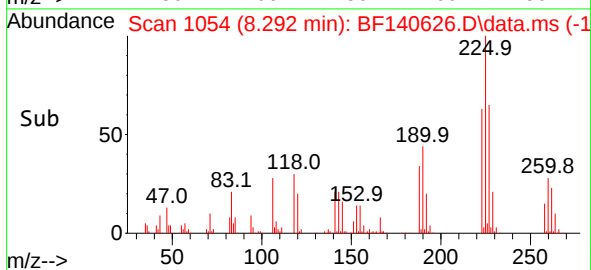
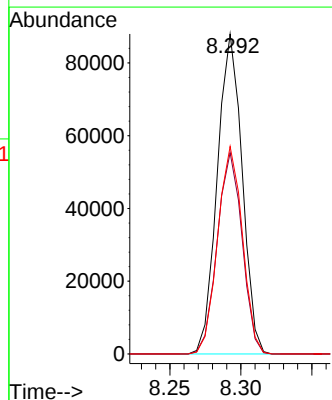
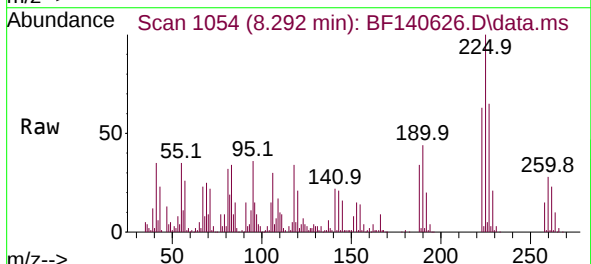
APPROVED

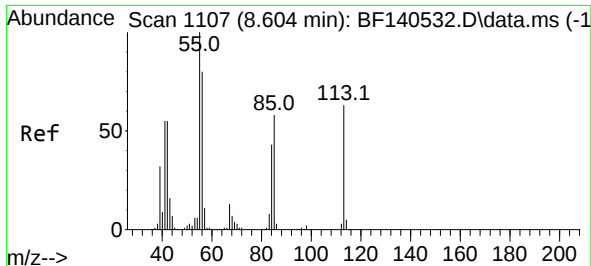
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 50.088 ng
RT: 8.292 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

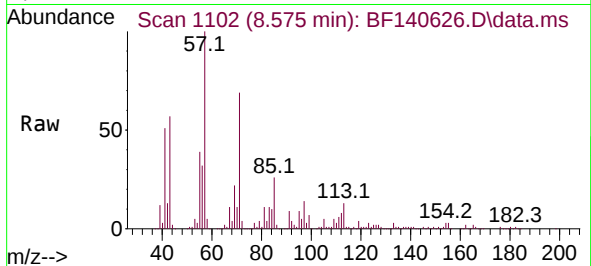
Tgt Ion:225 Resp: 106876
Ion Ratio Lower Upper
225 100
223 62.9 49.8 74.8
227 64.8 51.3 76.9





#35
Caprolactam
Concen: 77.860 ng
RT: 8.575 min Scan# 1107
Delta R.T. -0.029 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

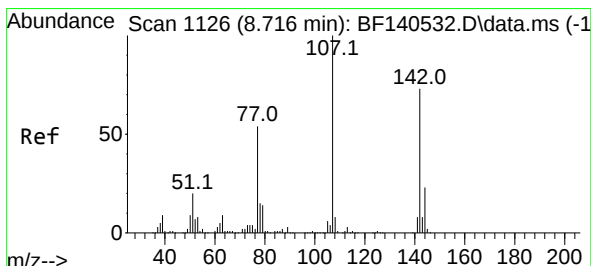
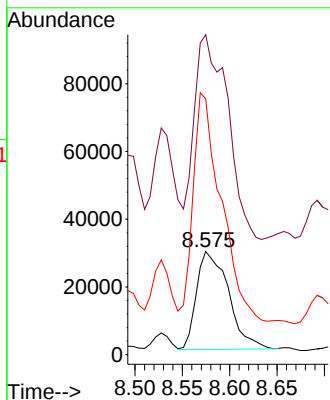
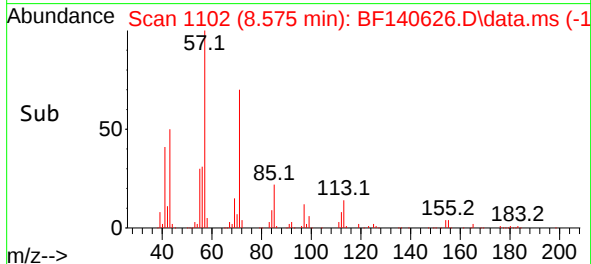
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



Tgt Ion:113 Resp: 67984
Ion Ratio Lower Upper
113 100
55 309.8 137.7 177.7
56 247.8 106.4 146.4

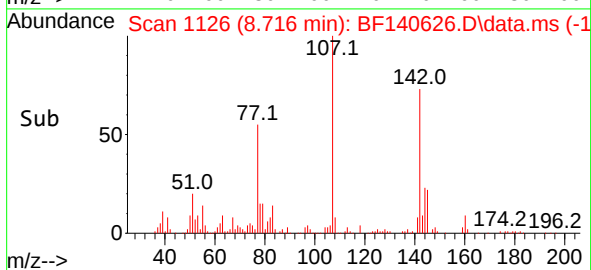
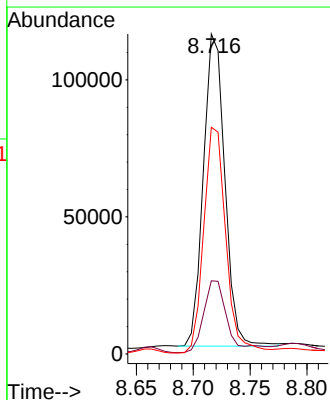
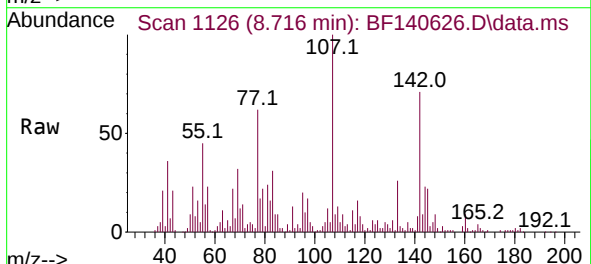
Manual Integrations
APPROVED

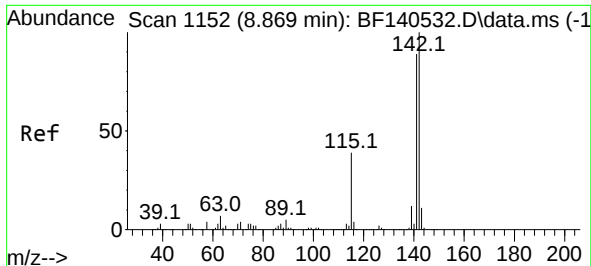
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 47.387 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:107 Resp: 149695
Ion Ratio Lower Upper
107 100
144 22.8 18.7 28.1
142 70.8 58.3 87.5





#37
2-Methylnaphthalene
Concen: 63.272 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

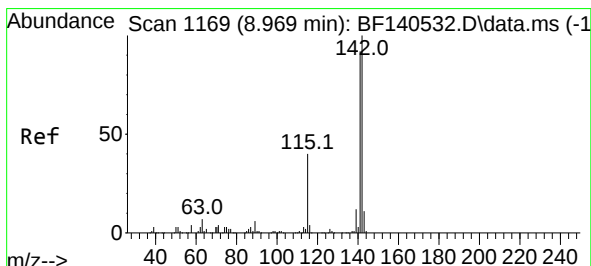
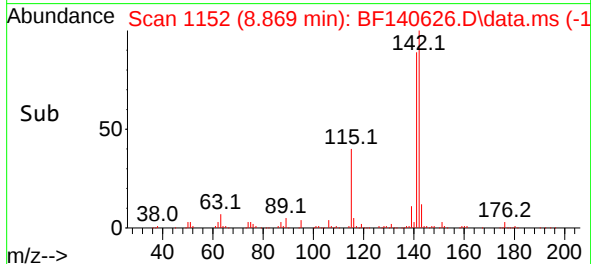
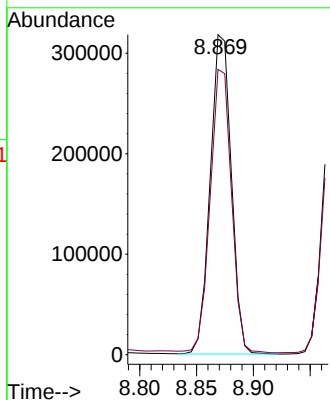
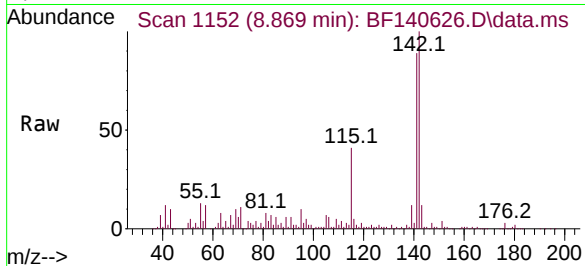
TR-05-112124MSD

Tgt Ion:142 Resp: 411408
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6

Manual Integrations

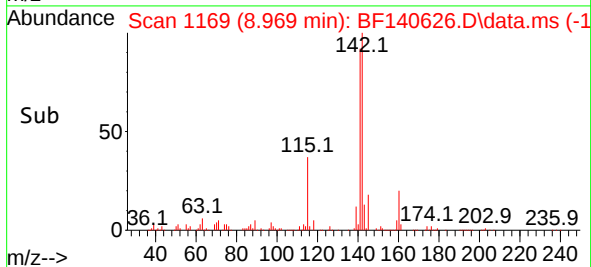
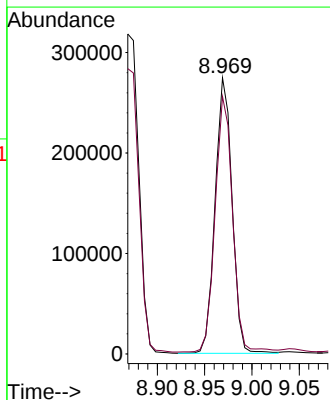
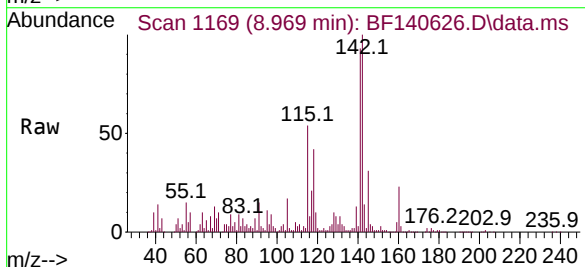
APPROVED

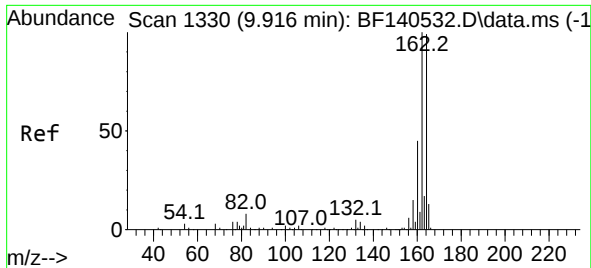
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 53.852 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:142 Resp: 343224
Ion Ratio Lower Upper
142 100
141 93.2 73.3 109.9





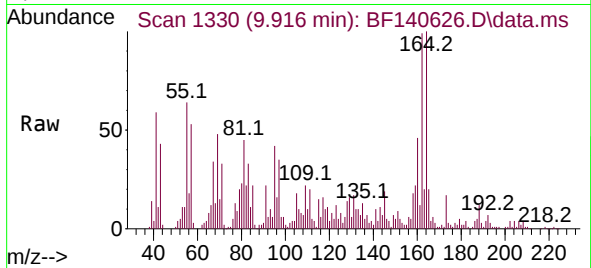
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

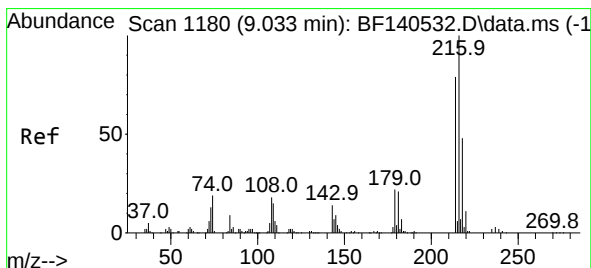
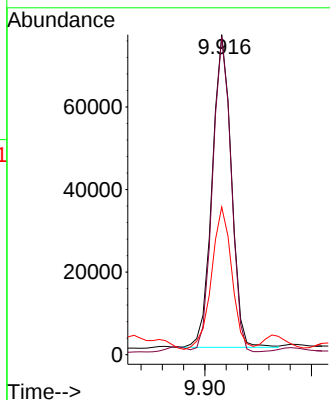
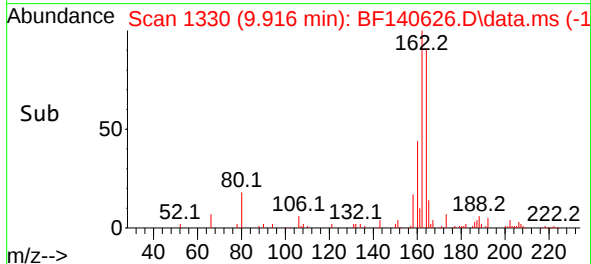
TR-05-112124MSD



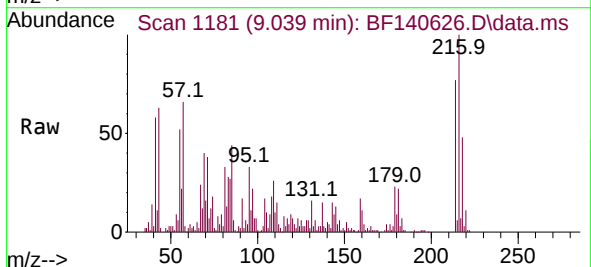
Tgt Ion:164 Resp: 94548
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 46.1 36.2 54.4

Manual Integrations
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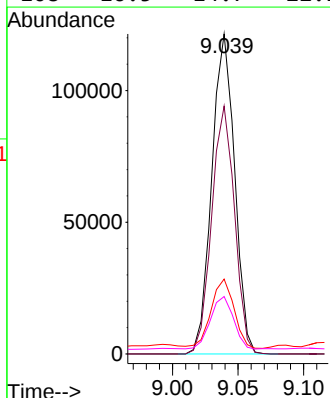
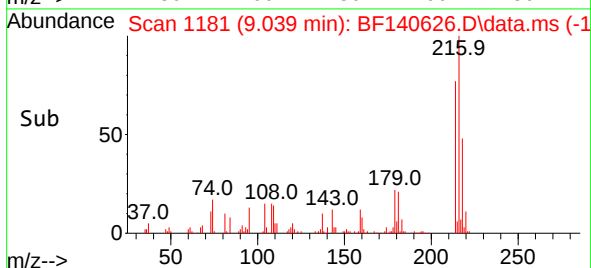
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

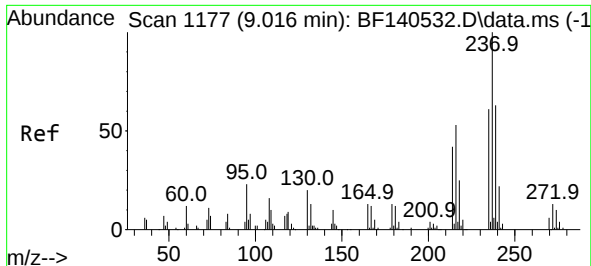


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.027 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32



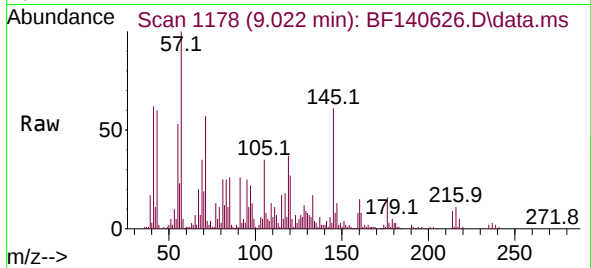
Tgt Ion:216 Resp: 146772
Ion Ratio Lower Upper
216 100
214 77.5 63.0 94.4
179 22.9 17.5 26.3
108 16.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 12.770 ng
RT: 9.022 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

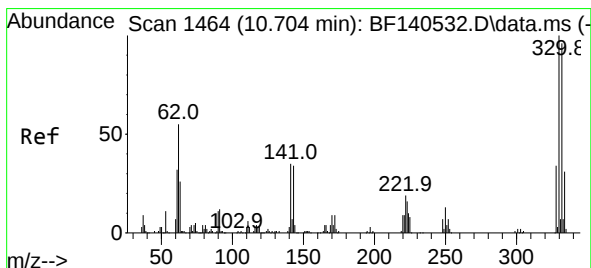
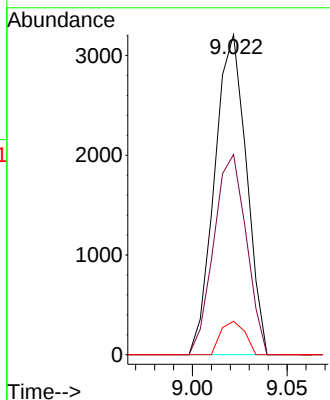
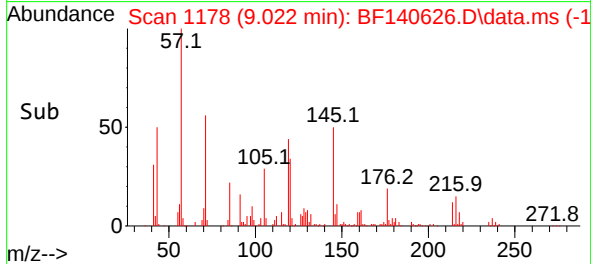
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



Tgt Ion:237 Resp: 3750
Ion Ratio Lower Upper
237 100
235 62.6 41.1 81.1
272 10.4 0.0 32.6

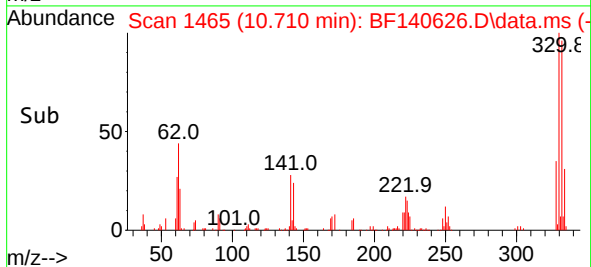
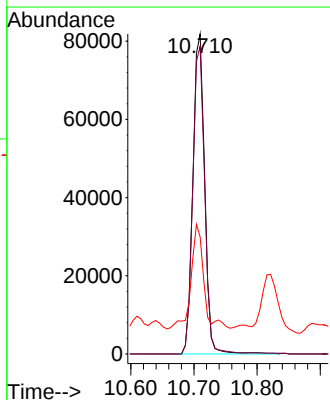
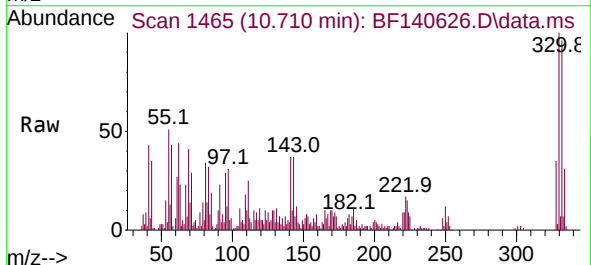
Manual Integrations
APPROVED

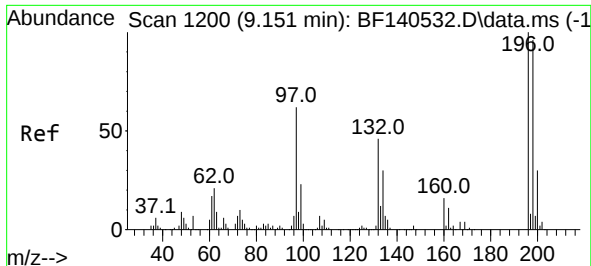
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 104.735 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:330 Resp: 105908
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 35.0 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 52.684 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

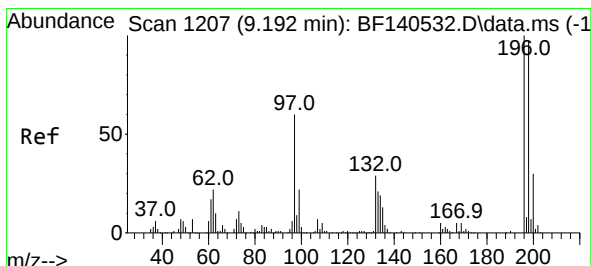
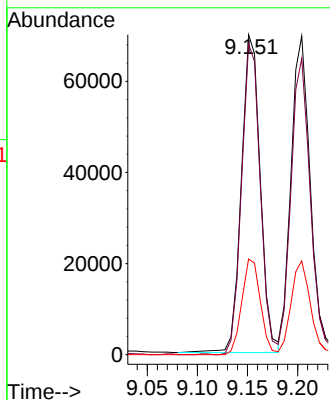
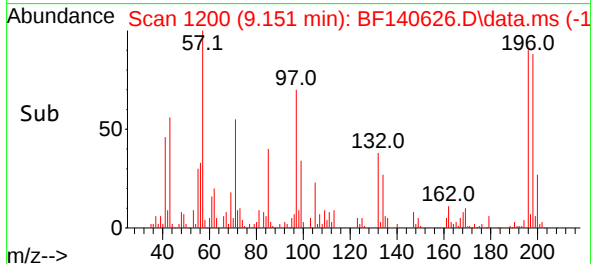
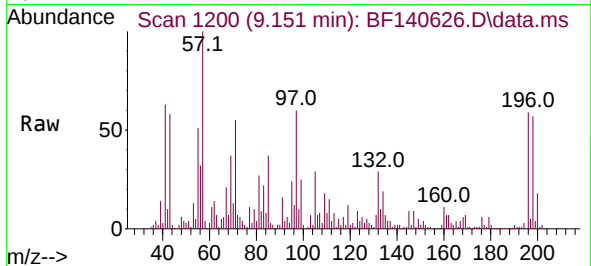
TR-05-112124MSD

Tgt Ion:196 Resp: 9150
Ion Ratio Lower Upper
196 100
198 97.2 76.8 115.2
200 29.9 24.3 36.5

Manual Integrations

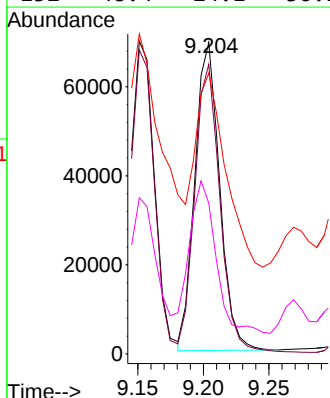
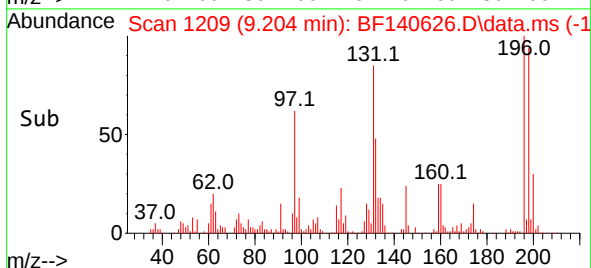
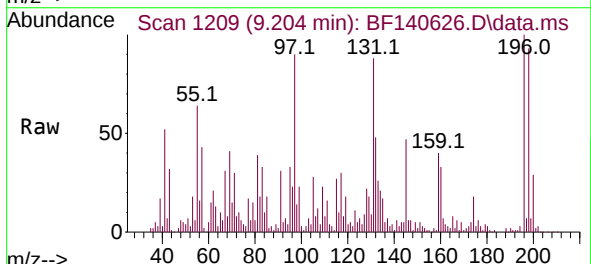
APPROVED

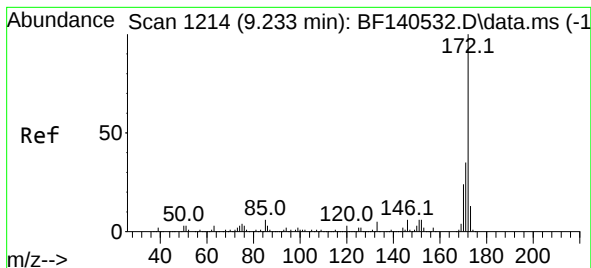
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#44
2,4,5-Trichlorophenol
Concen: 48.444 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:196 Resp: 91314
Ion Ratio Lower Upper
196 100
198 93.0 77.2 115.8
97 90.2 47.1 70.7#
132 48.4 24.1 36.1#





#45

2-Fluorobiphenyl

Concen: 81.256 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

Tgt Ion:172 Resp: 51563

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

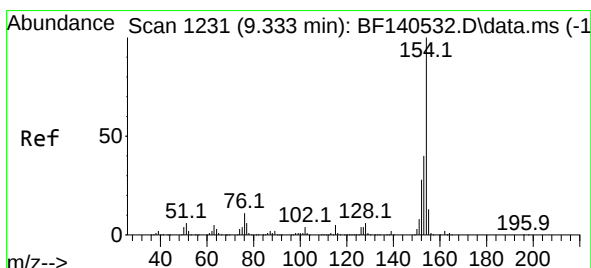
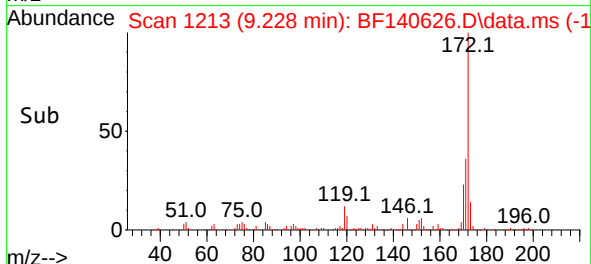
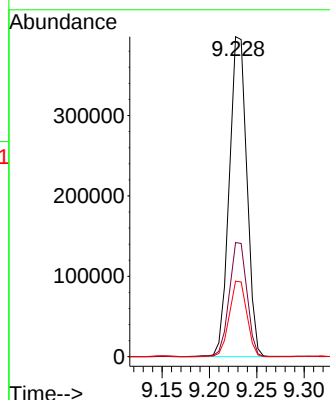
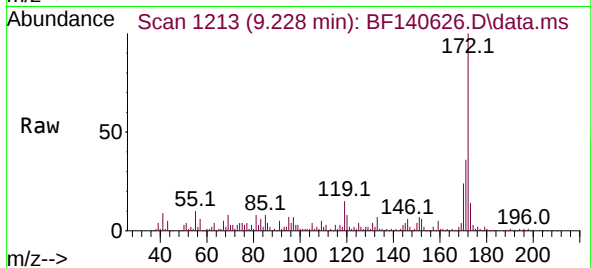
170 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#46

1,1'-Biphenyl

Concen: 58.226 ng

RT: 9.333 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

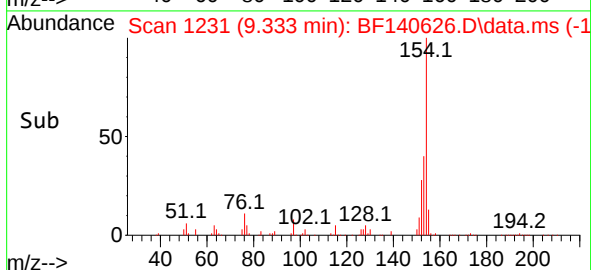
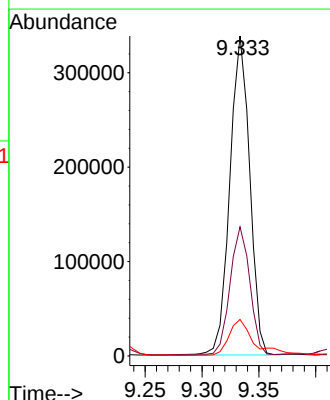
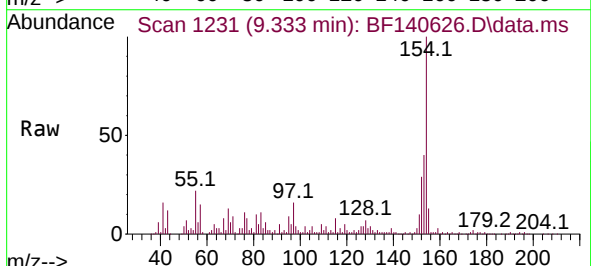
Tgt Ion:154 Resp: 411022

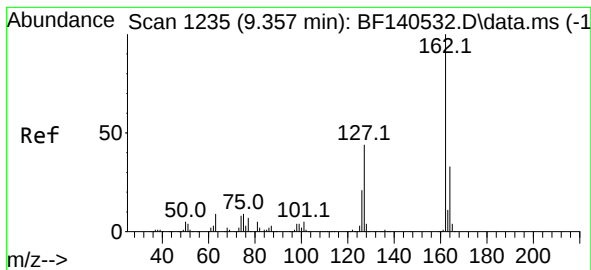
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 11.4 0.0 31.2





#47

2-Chloronaphthalene

Concen: 50.549 ng

RT: 9.363 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

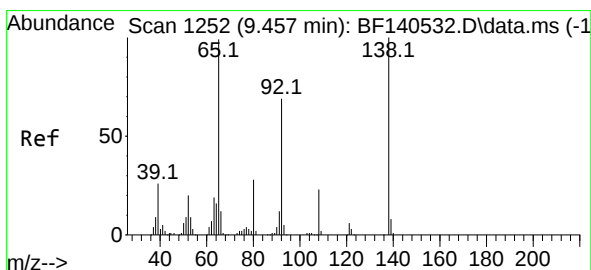
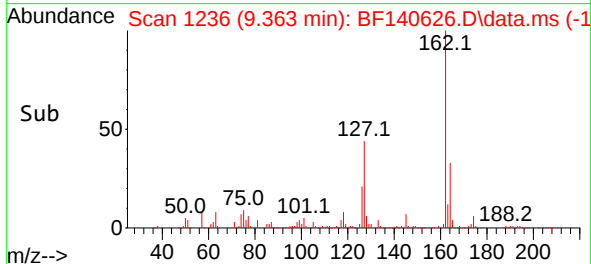
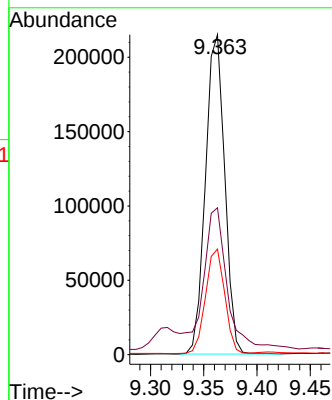
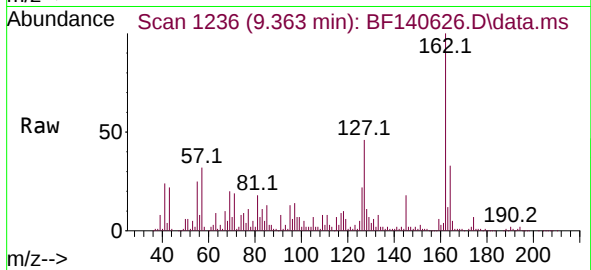
Tgt Ion:162 Resp: 270374
 Ion Ratio Lower Upper
 162 100
 127 45.9 35.7 53.5
 164 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 58.380 ng

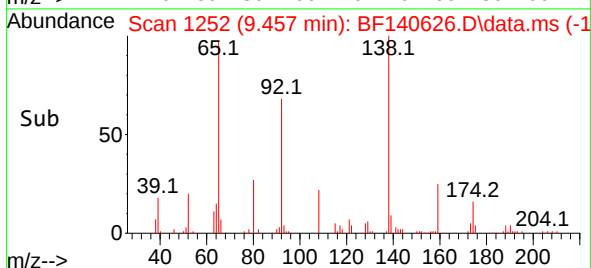
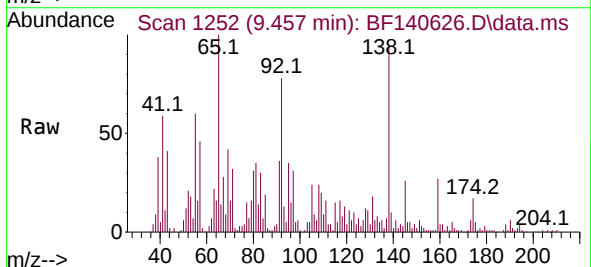
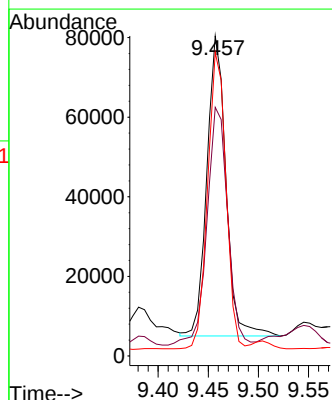
RT: 9.457 min Scan# 1252

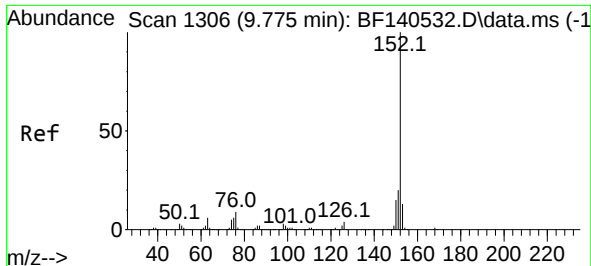
Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Tgt Ion: 65 Resp: 100230
 Ion Ratio Lower Upper
 65 100
 92 77.7 56.1 84.1
 138 94.9 81.0 121.6





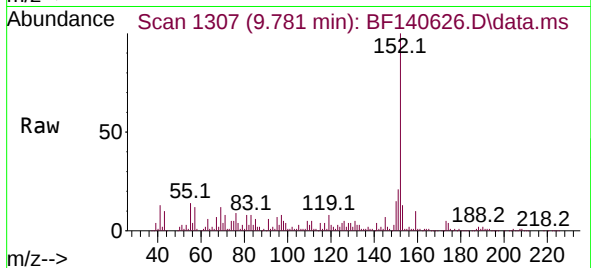
#49
Acenaphthylene
Concen: 53.510 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD



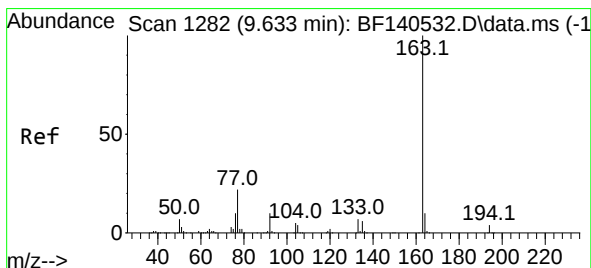
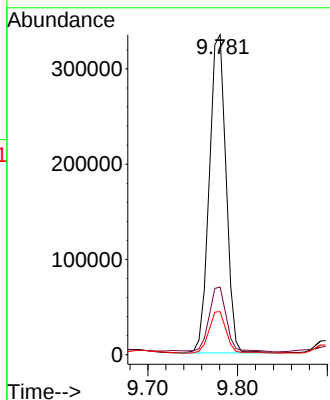
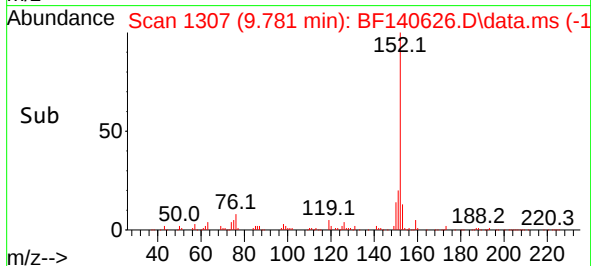
Tgt Ion:152 Resp: 43244
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 13.5 10.6 16.0

Manual Integrations

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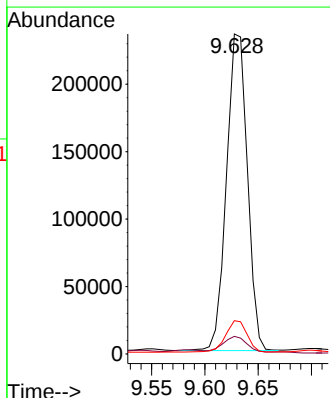
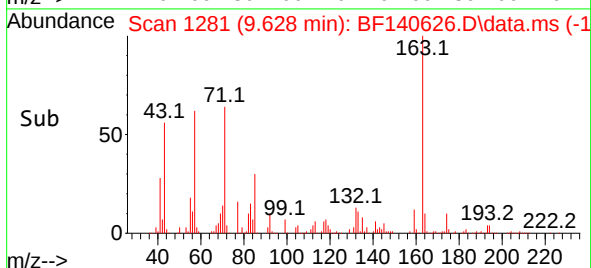
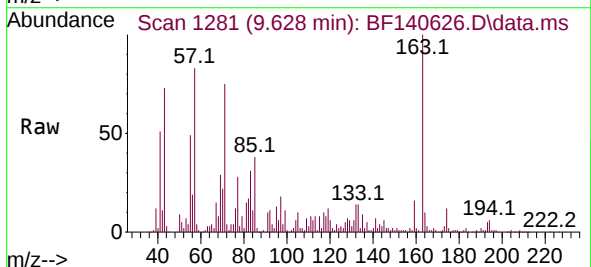
Reviewed By :Yogesh Patel 11/27/2024

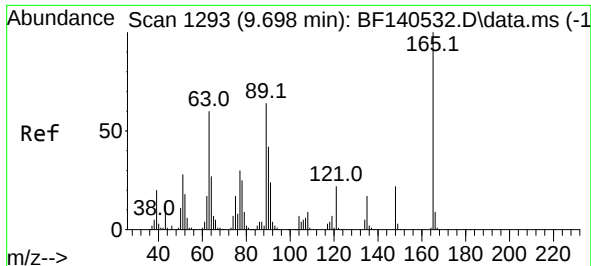
Supervised By :mohammad ahmed 11/27/2024



#50
Dimethylphthalate
Concen: 51.457 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

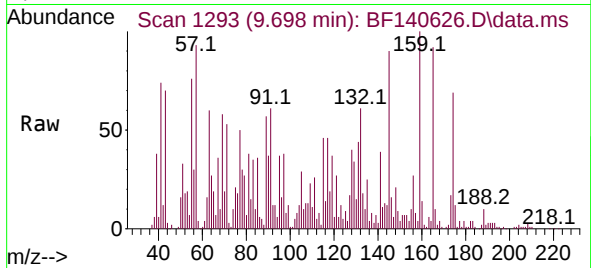
Tgt Ion:163 Resp: 320419
Ion Ratio Lower Upper
163 100
194 5.5 3.1 4.7#
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.043 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

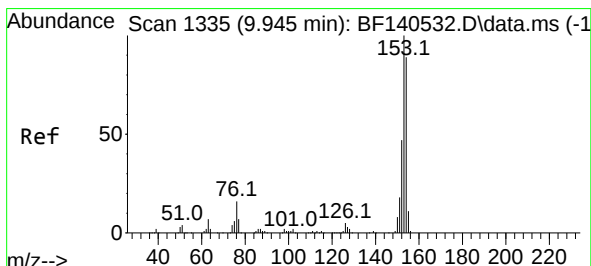
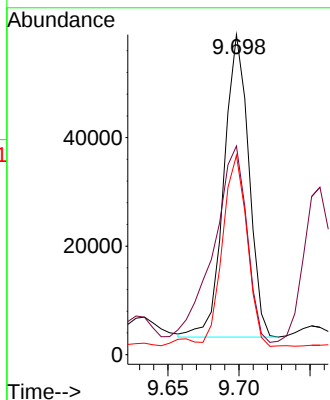
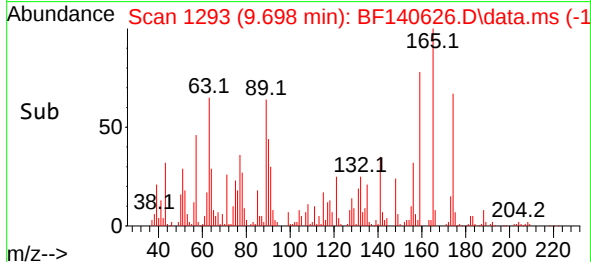
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



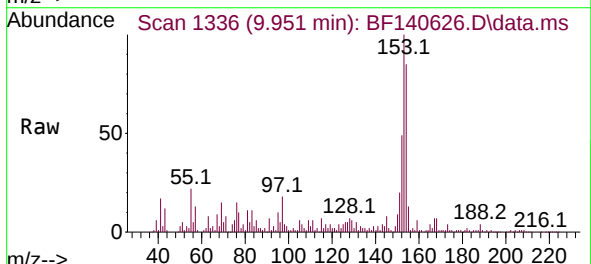
Tgt Ion:165 Resp: 6784
Ion Ratio Lower Upper
165 100
63 65.2 49.9 74.9
89 62.3 50.9 76.3

Manual Integrations
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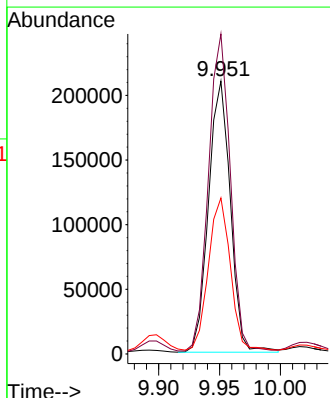
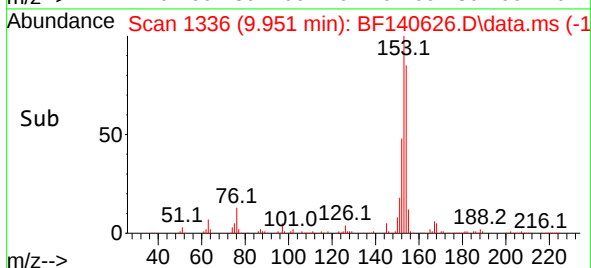
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

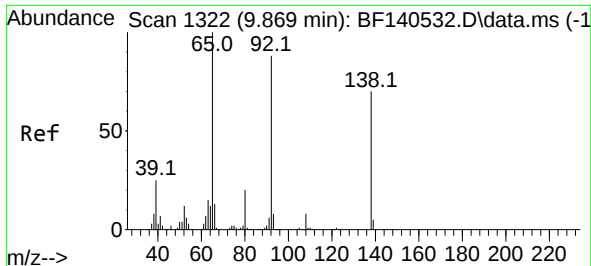


#52
Acenaphthene
Concen: 51.005 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32



Tgt Ion:154 Resp: 261909
Ion Ratio Lower Upper
154 100
153 117.3 89.7 134.5
152 57.2 42.5 63.7





#53
3-Nitroaniline
Concen: 37.689 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

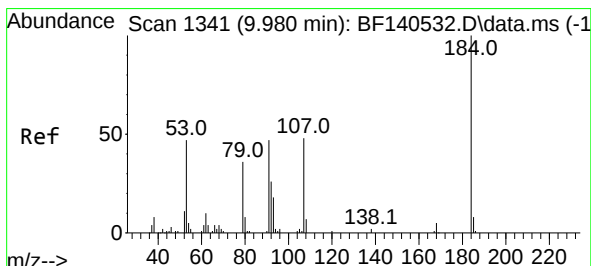
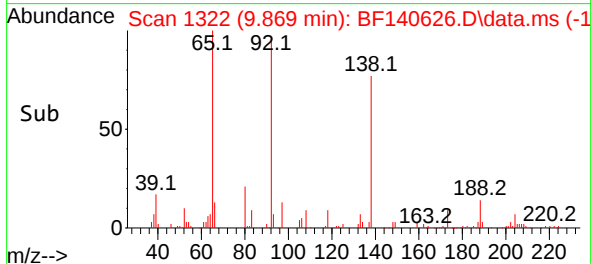
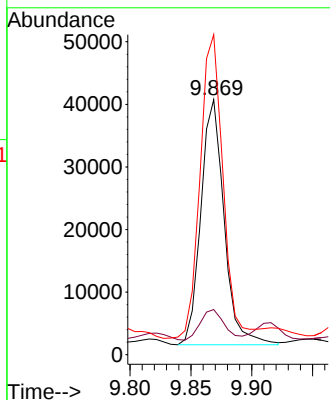
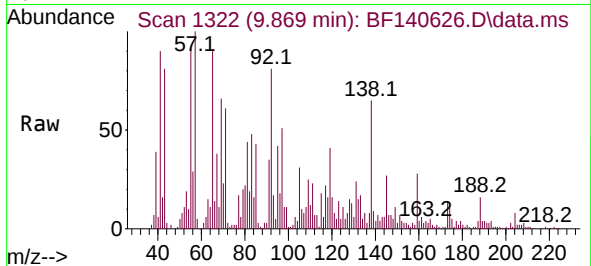
ClientSampleId :

TR-05-112124MSD

Tgt Ion:138 Resp: 5205
Ion Ratio Lower Upper
138 100
108 17.7 9.2 13.8
92 125.4 100.6 150.8

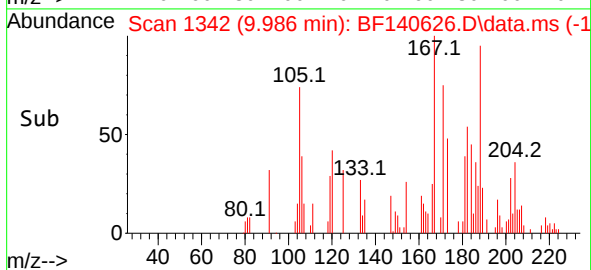
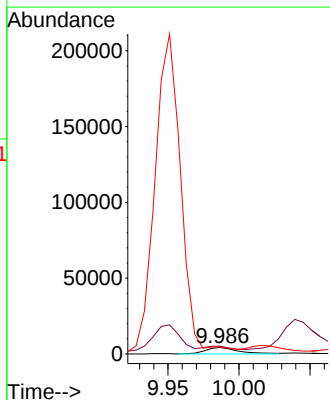
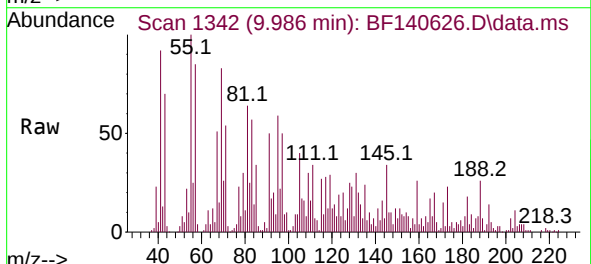
Manual Integrations
APPROVED

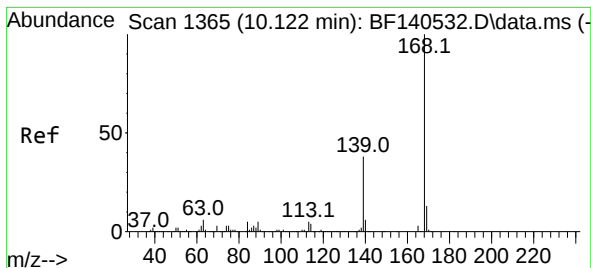
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 16.439 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

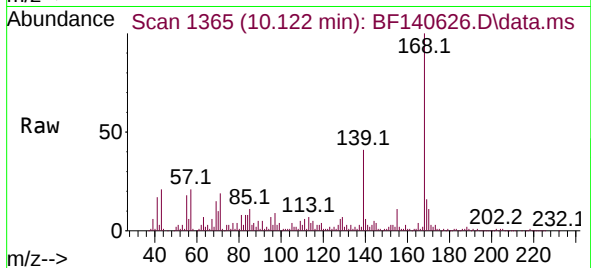
Tgt Ion:184 Resp: 6985
Ion Ratio Lower Upper
184 100
63 119.2 54.1 81.1#
154 108.9 57.4 86.0#





#55
Dibenzenofuran
Concen: 50.267 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

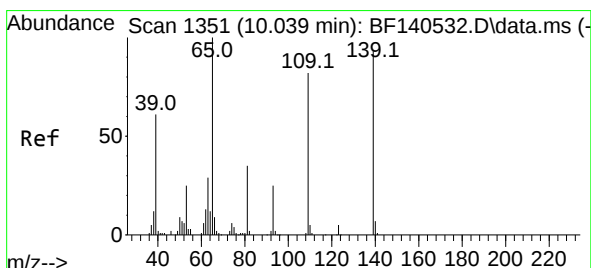
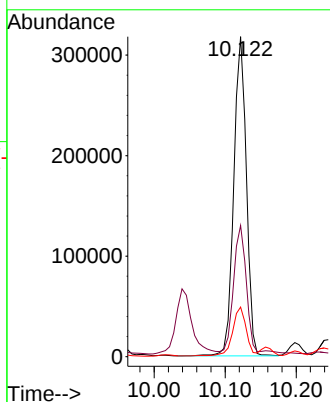
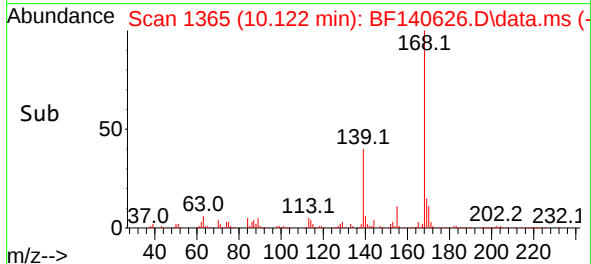
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



Tgt Ion:168 Resp: 39371
Ion Ratio Lower Upper
168 100
139 41.0 31.3 46.9
169 15.5 10.5 15.7

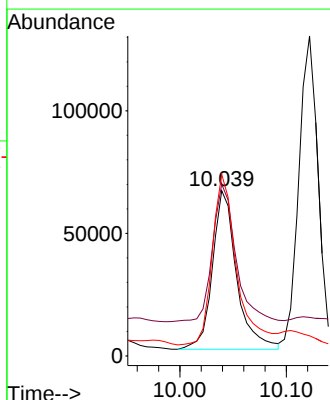
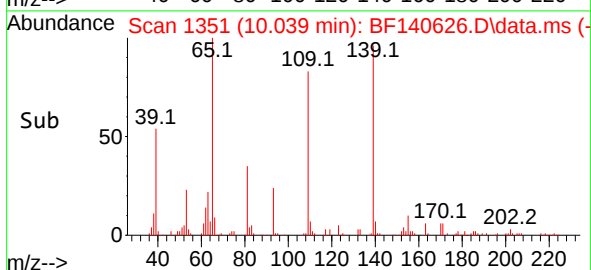
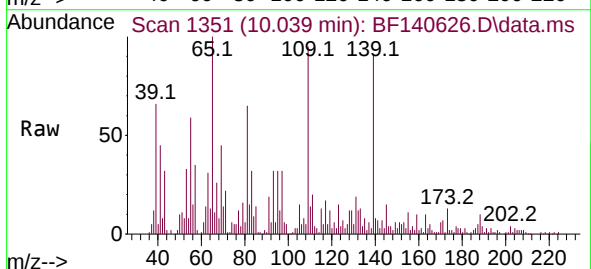
Manual Integrations
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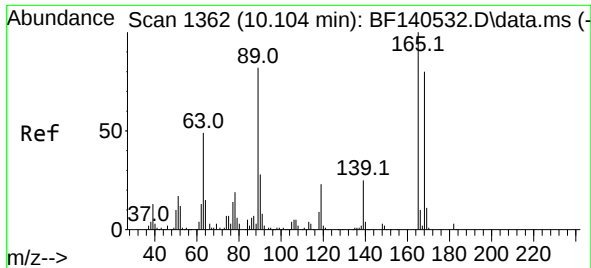
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 108.207 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

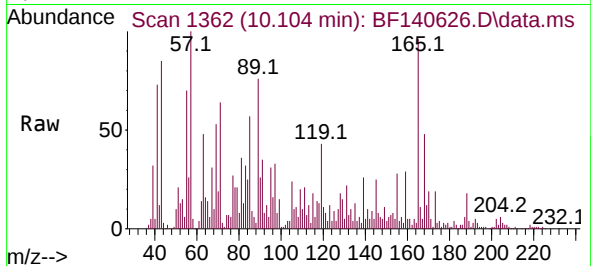
Tgt Ion:139 Resp: 101930
Ion Ratio Lower Upper
139 100
109 103.9 68.4 108.4
65 109.8 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 46.280 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

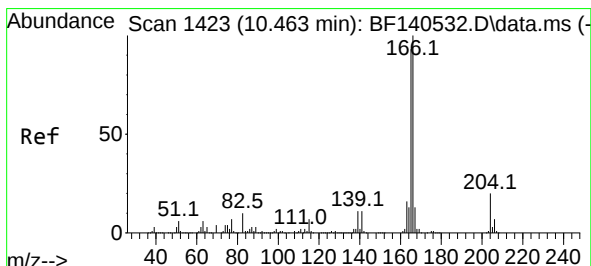
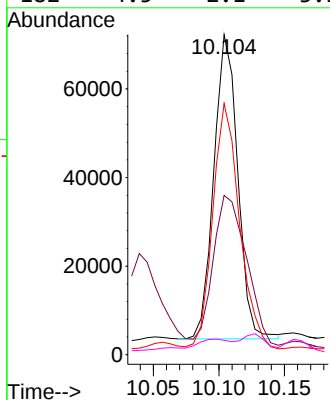
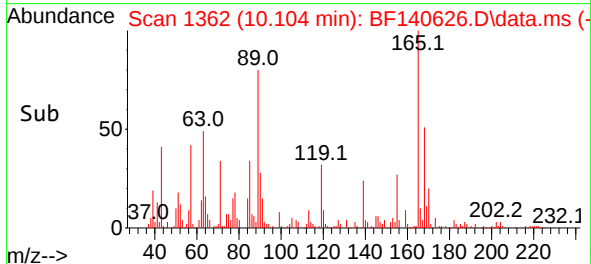
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



Tgt Ion:165 Resp: 86862
Ion Ratio Lower Upper
165 100
63 49.8 41.7 62.5
89 78.5 65.8 98.8
182 4.5 2.1 3.1#

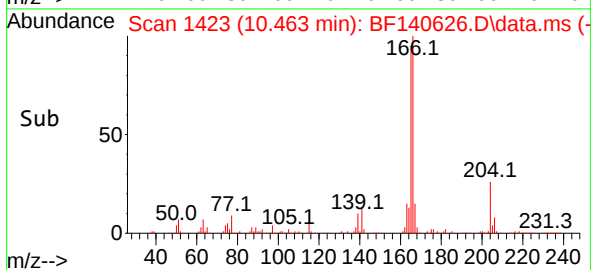
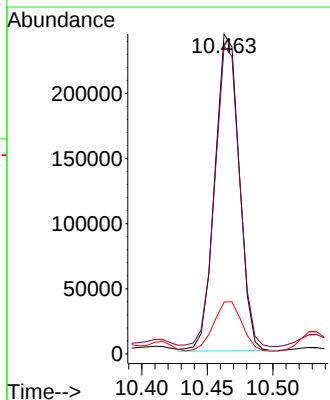
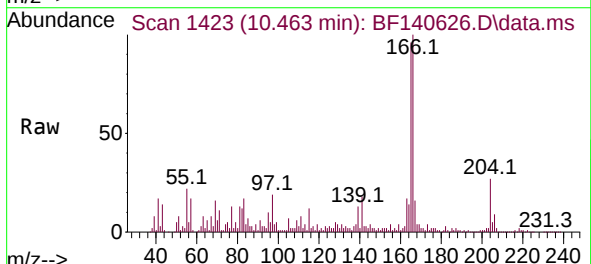
Manual Integrations
APPROVED

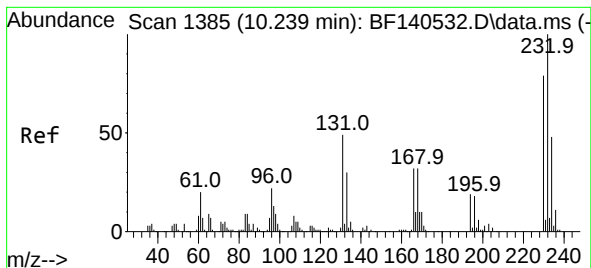
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 50.101 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

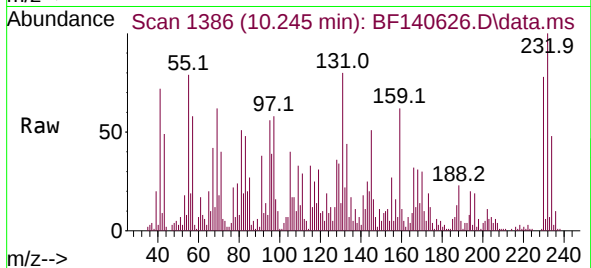
Tgt Ion:166 Resp: 314981
Ion Ratio Lower Upper
166 100
165 96.3 74.6 111.8
167 16.2 10.6 16.0#





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.517 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

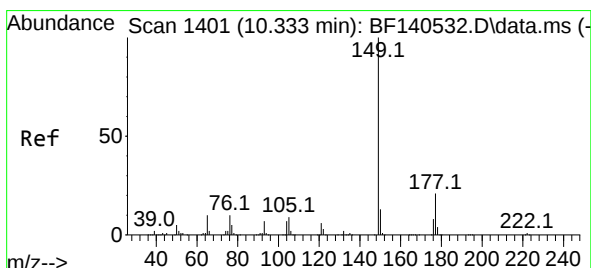
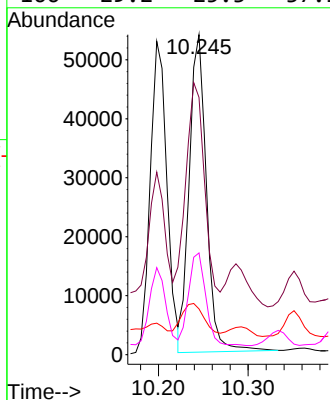
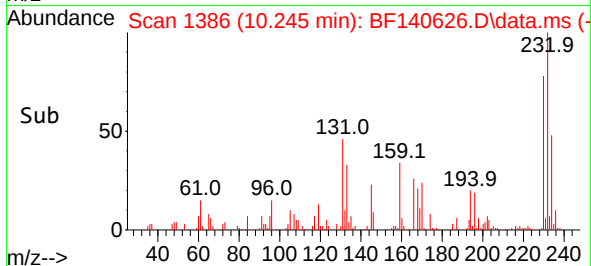
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



Tgt Ion:232 Resp: 7173
Ion Ratio Lower Upper
232 100
131 77.1 39.6 59.4
130 12.9 1.9 2.9
166 29.2 25.3 37.9

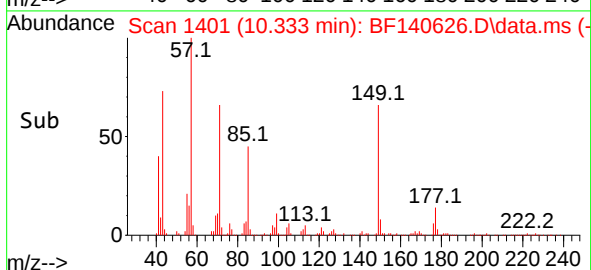
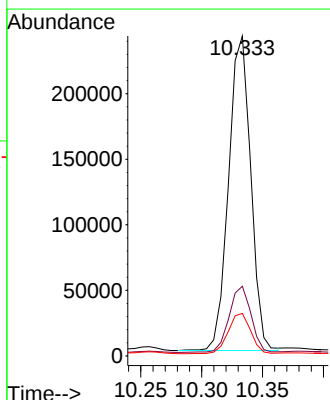
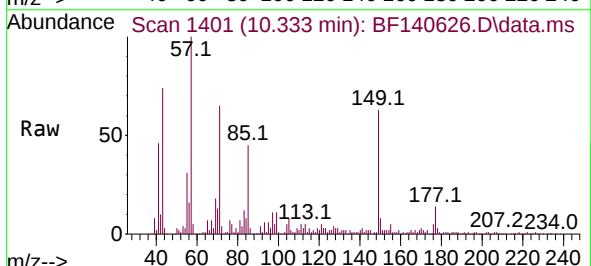
Manual Integrations
APPROVED

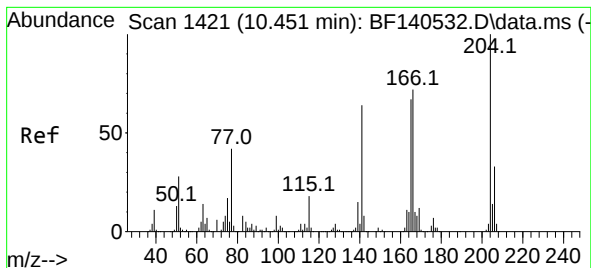
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 47.973 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

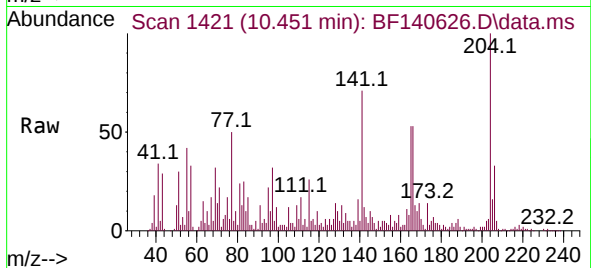
Tgt Ion:149 Resp: 303509
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 13.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.435 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

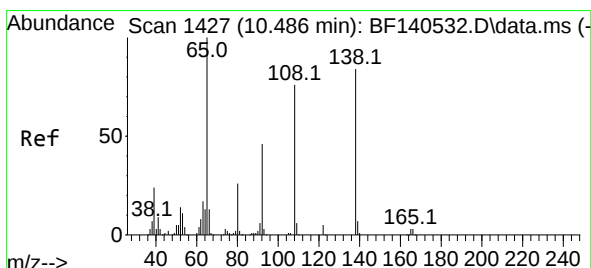
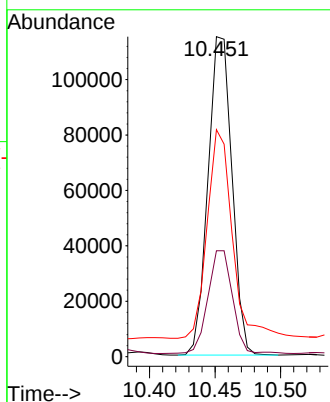
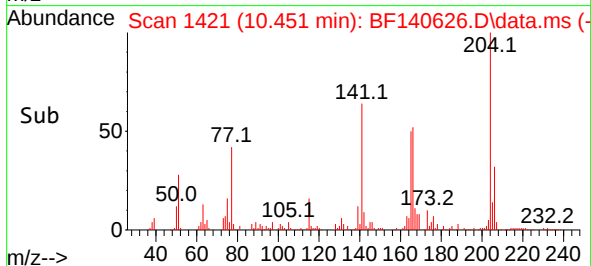
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



Tgt Ion:204 Resp: 14635
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 71.0 51.1 76.7

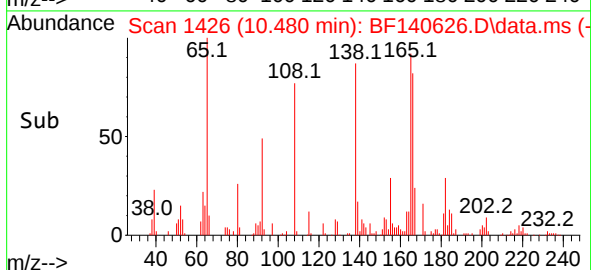
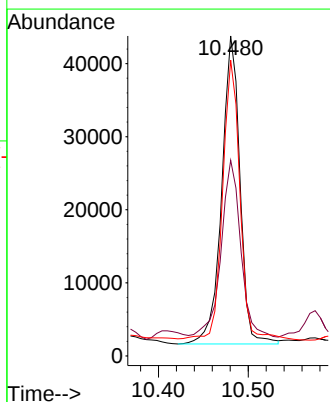
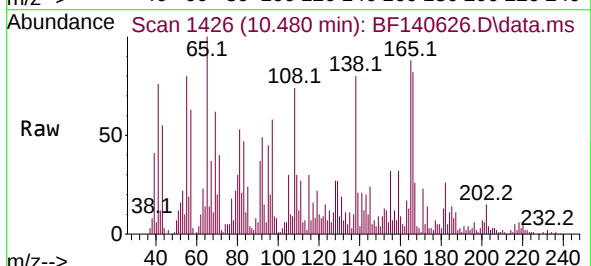
Manual Integrations
APPROVED

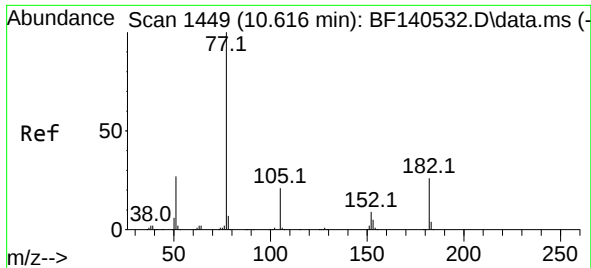
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 41.049 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

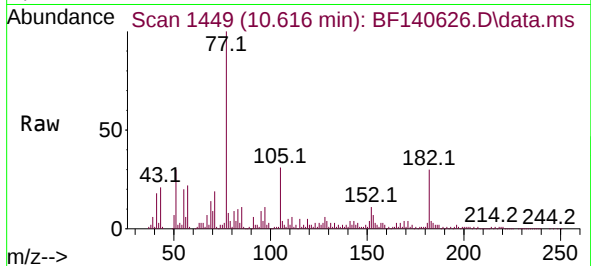
Tgt Ion:138 Resp: 59466
Ion Ratio Lower Upper
138 100
92 61.2 34.5 74.5
108 92.5 70.6 110.6





#63
Azobenzene
Concen: 56.672 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

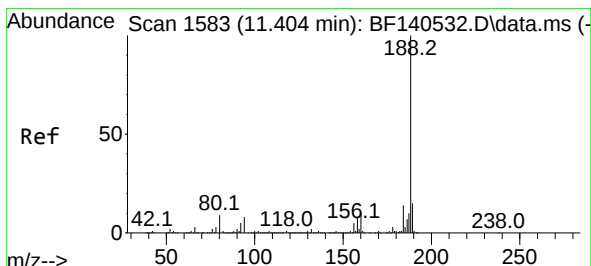
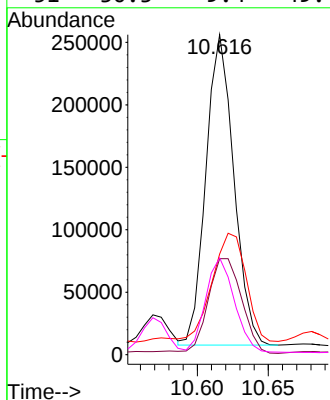
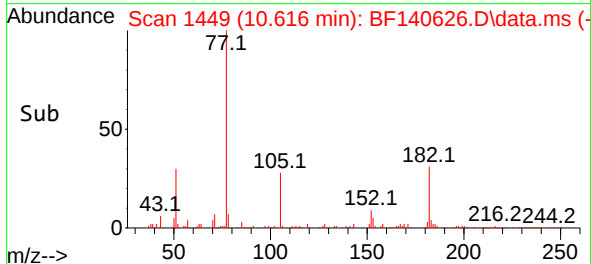
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



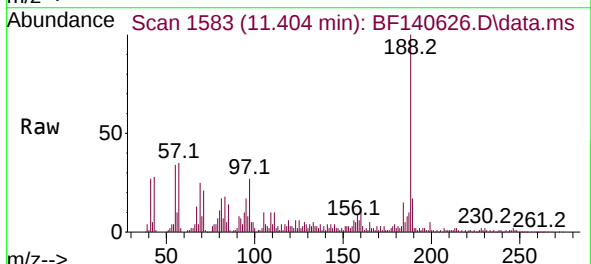
Tgt Ion: 77 Resp: 339538
Ion Ratio Lower Upper
77 100
182 30.0 5.3 45.3
105 31.5 0.3 40.3
51 30.3 9.4 49.4

Manual Integrations
APPROVED

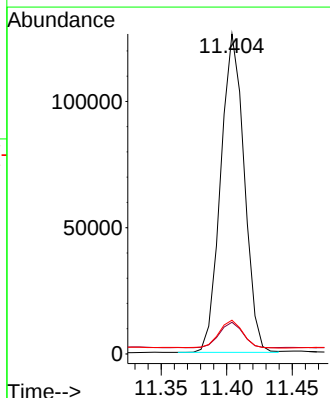
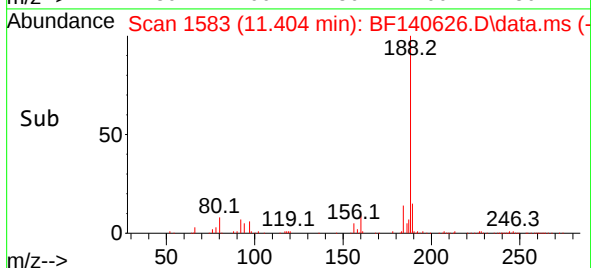
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

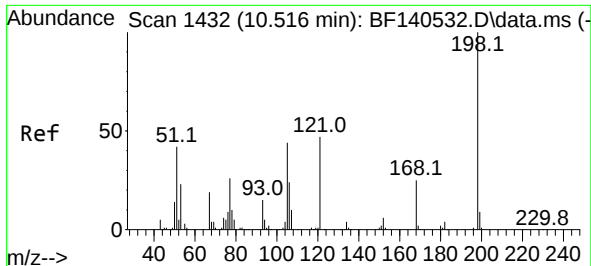


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32



Tgt Ion:188 Resp: 157588
Ion Ratio Lower Upper
188 100
94 9.9 6.4 9.6#
80 10.5 6.9 10.3#





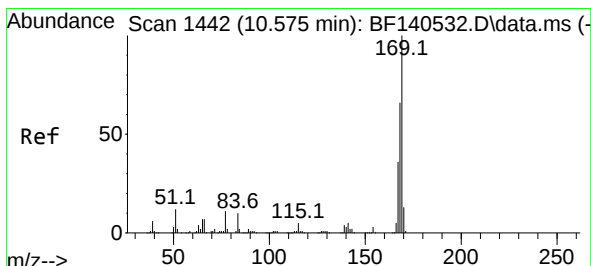
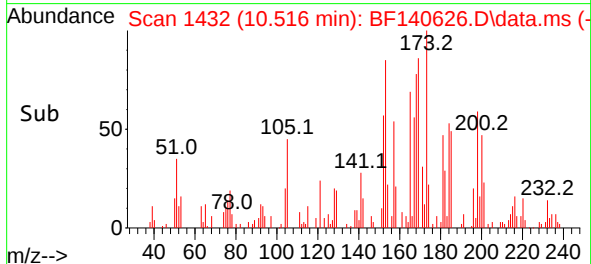
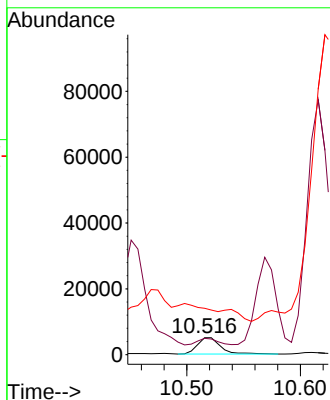
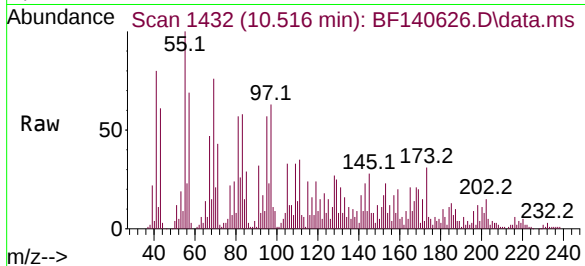
#65
4,6-Dinitro-2-methylphenol
Concen: 8.778 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

Tgt Ion:198 Resp: 7069
Ion Ratio Lower Upper
198 100
51 96.0 29.4 69.4
105 272.7 25.4 65.4

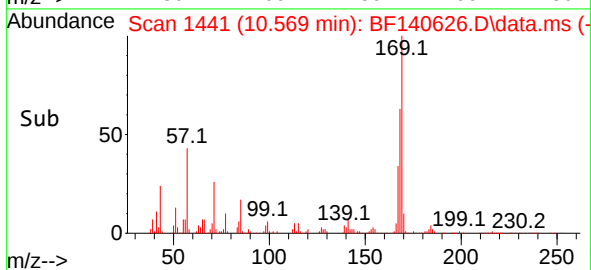
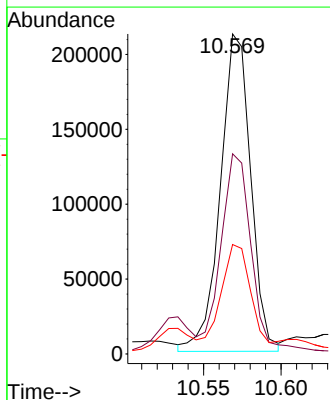
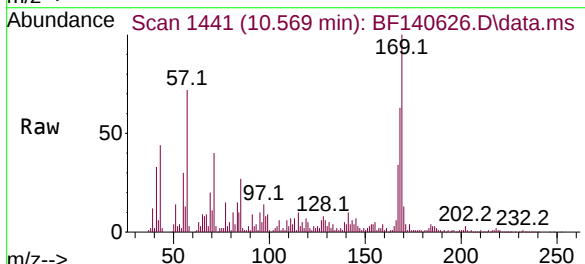
Manual Integrations
APPROVED

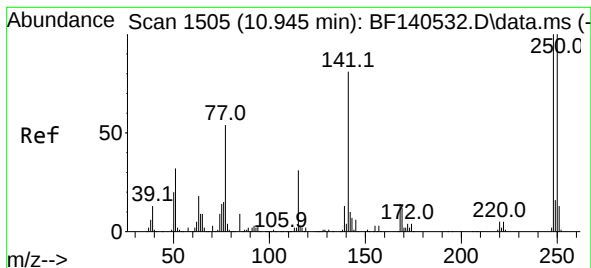
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 61.883 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:169 Resp: 288393
Ion Ratio Lower Upper
169 100
168 62.6 53.2 79.8
167 34.2 29.0 43.6





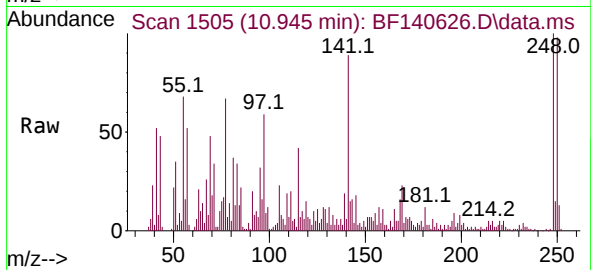
#67
4-Bromophenyl-phenylether
Concen: 51.995 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD



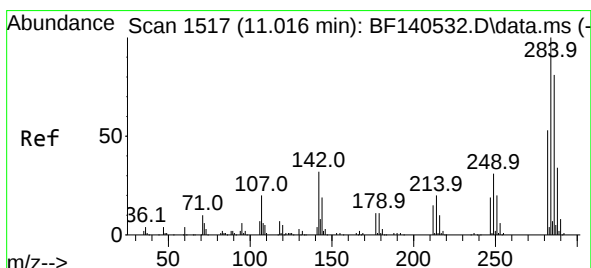
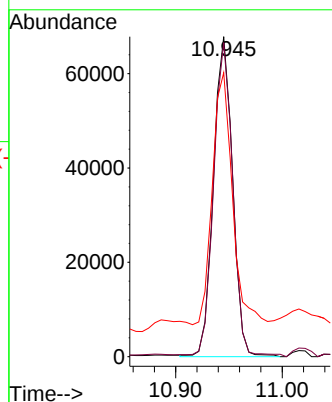
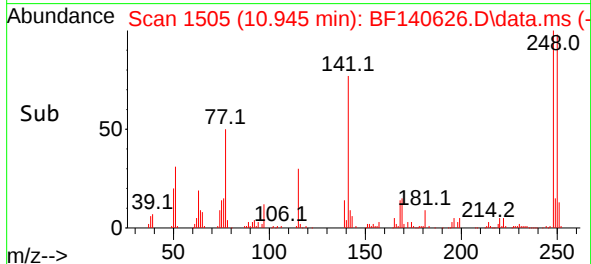
Tgt Ion:248 Resp: 8438
Ion Ratio Lower Upper
248 100
250 98.2 79.8 119.8
141 88.8 64.7 97.1

Manual Integrations

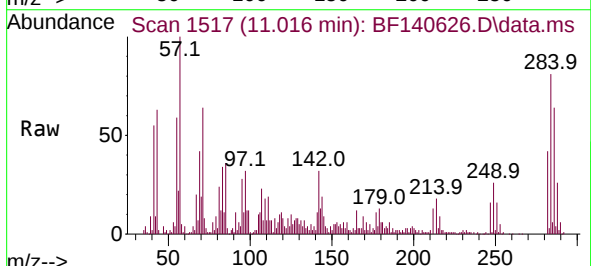
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

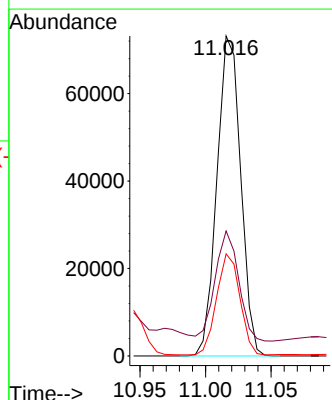
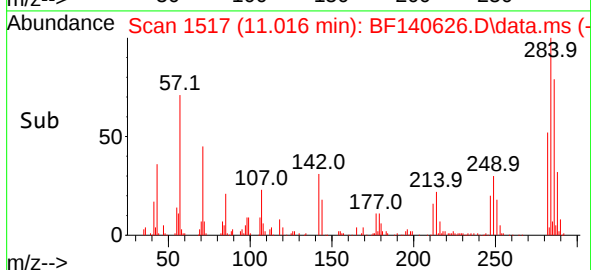
Supervised By :mohammad ahmed 11/27/2024

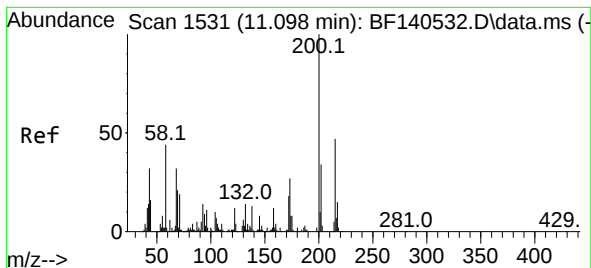


#68
Hexachlorobenzene
Concen: 48.986 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32



Tgt Ion:284 Resp: 92053
Ion Ratio Lower Upper
284 100
142 39.0 25.3 37.9#
249 31.9 24.8 37.2





#69

Atrazine

Concen: 69.220 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140626.D

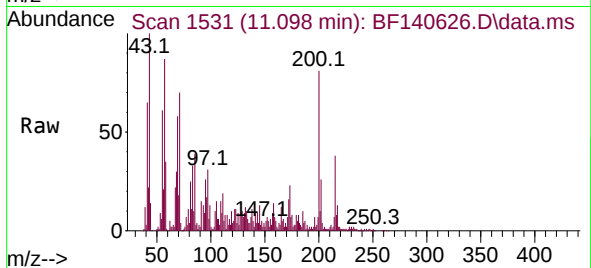
Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD



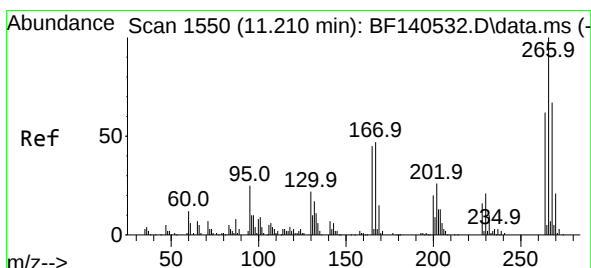
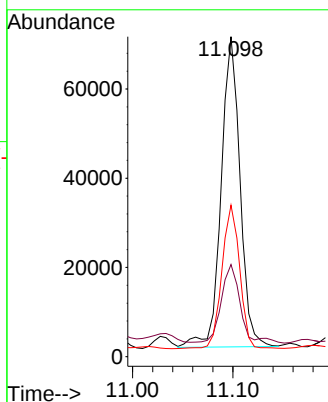
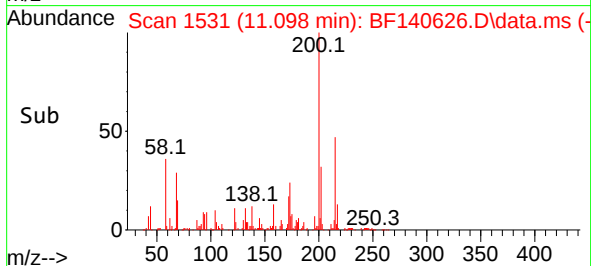
Tgt Ion:	200	Resp:	90750
Ion Ratio	Lower	Upper	
200	100		
173	28.8	7.0	47.0
215	47.4	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 101.712 ng

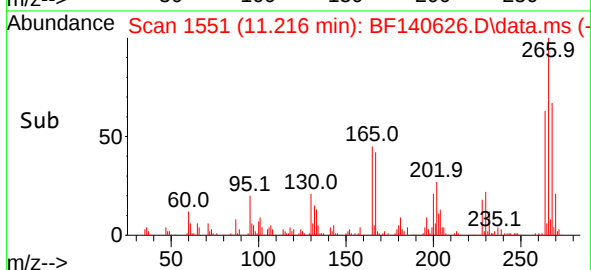
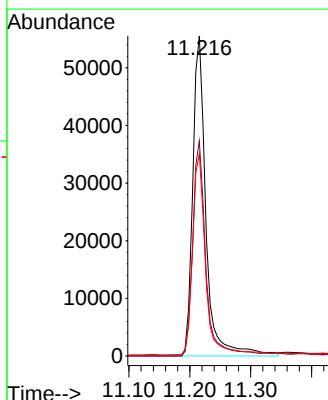
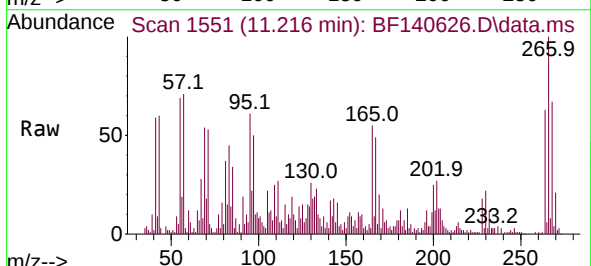
RT: 11.216 min Scan# 1551

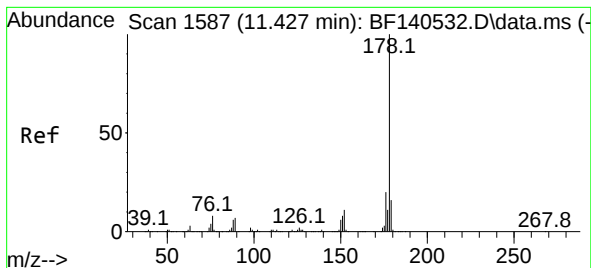
Delta R.T. 0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Tgt Ion:	266	Resp:	84123
Ion Ratio	Lower	Upper	
266	100		
268	67.2	53.7	80.5
264	63.2	49.8	74.8





#71

Phenanthrene

Concen: 66.696 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

Tgt Ion:178 Resp: 505228

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

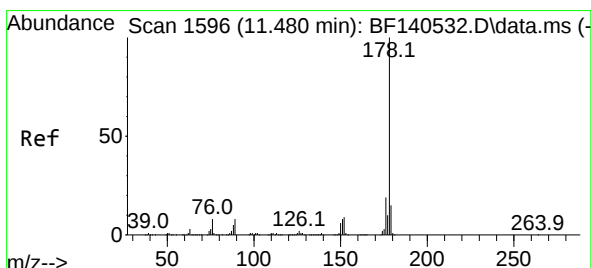
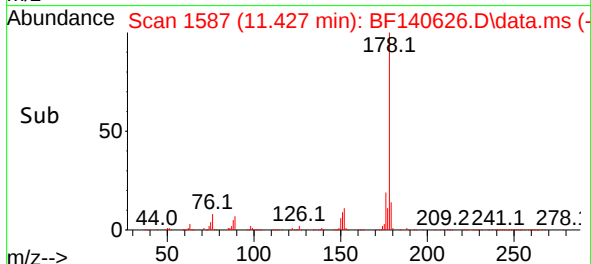
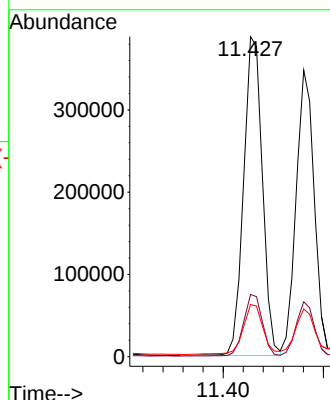
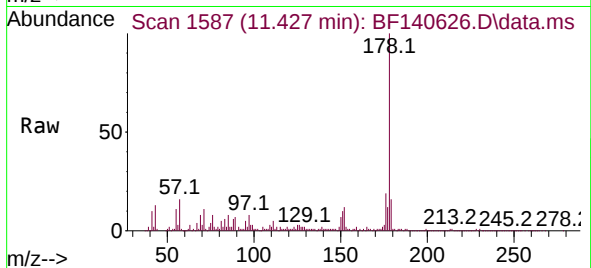
179 16.3 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#72

Anthracene

Concen: 57.888 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

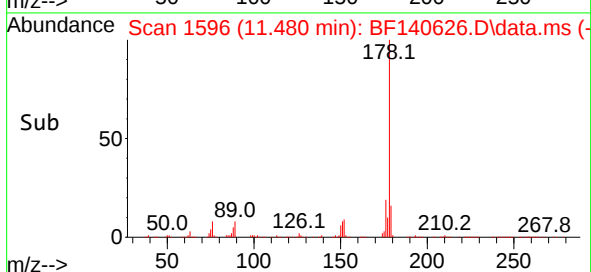
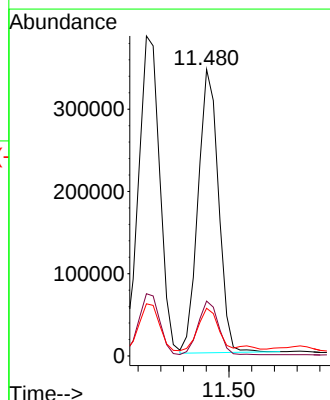
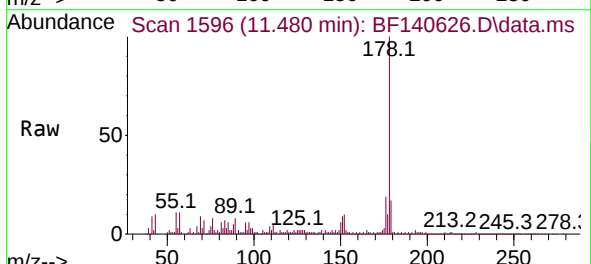
Tgt Ion:178 Resp: 428947

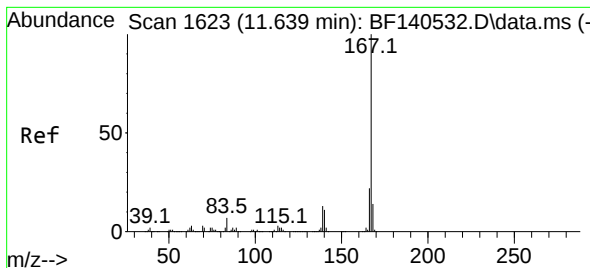
Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

179 16.6 12.2 18.4





#73

Carbazole

Concen: 55.399 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

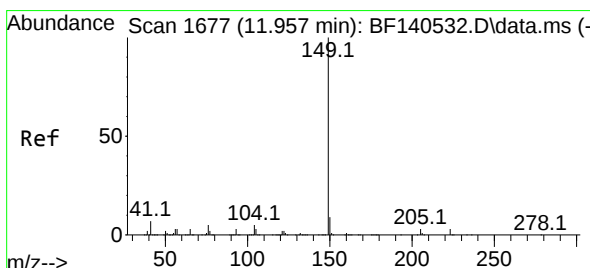
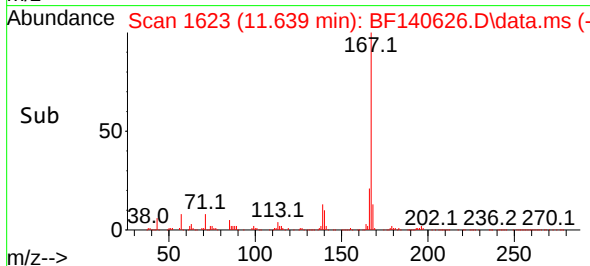
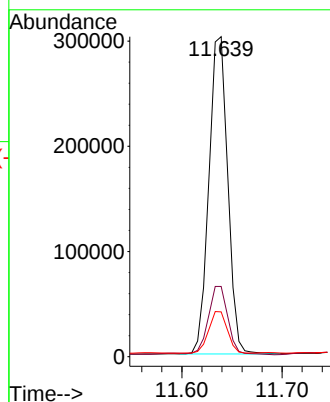
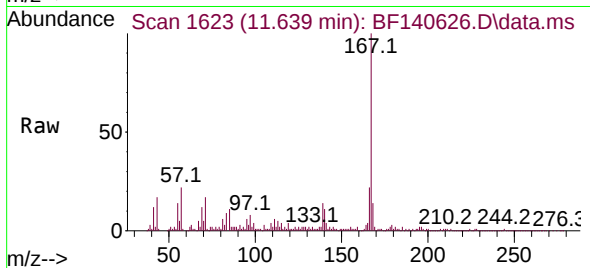
Tgt Ion:167 Resp: 394908
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 14.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#74

Di-n-butylphthalate

Concen: 53.296 ng

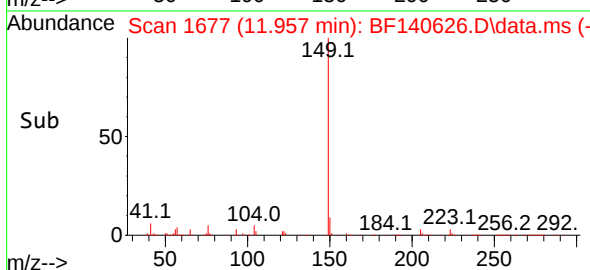
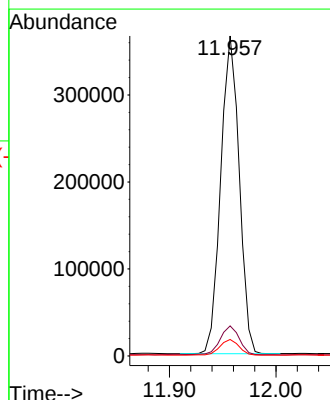
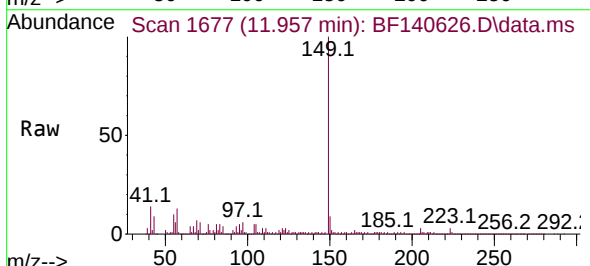
RT: 11.957 min Scan# 1677

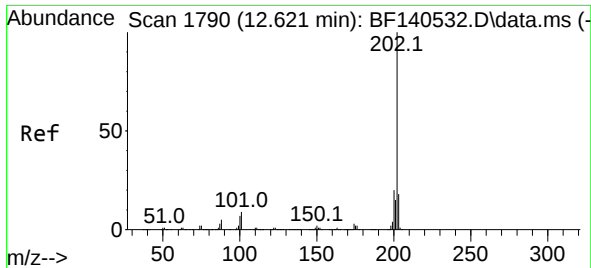
Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

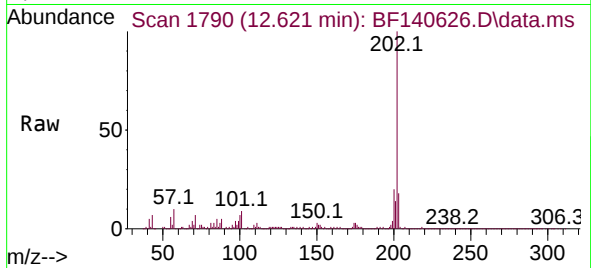
Tgt Ion:149 Resp: 438606
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 66.687 ng
RT: 12.621 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

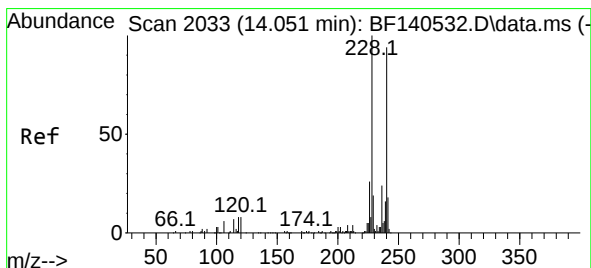
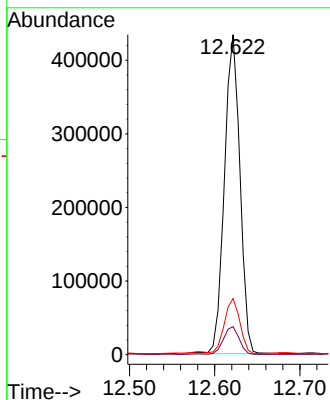
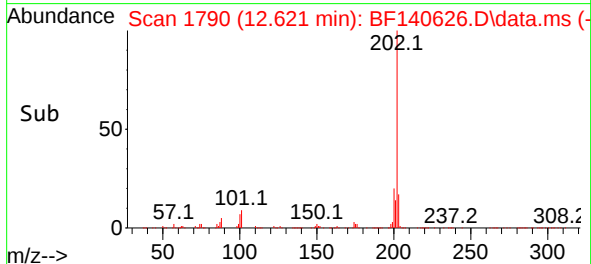
Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD



Tgt Ion:202 Resp: 548474
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.9
203 17.6 0.0 37.6

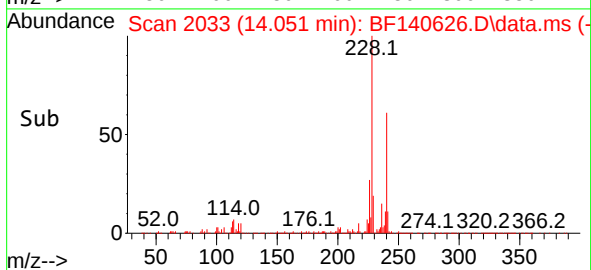
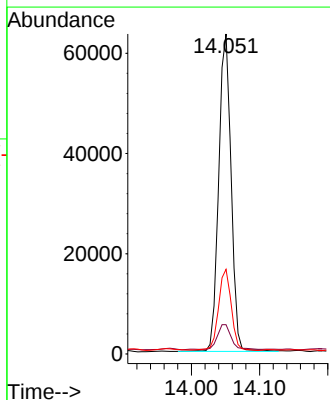
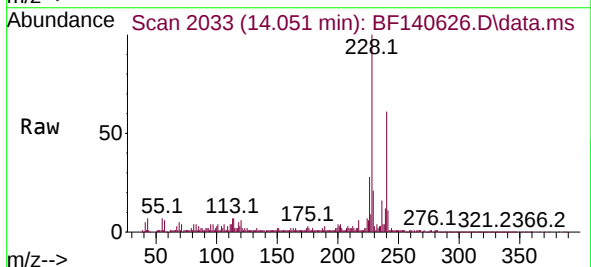
Manual Integrations
APPROVED

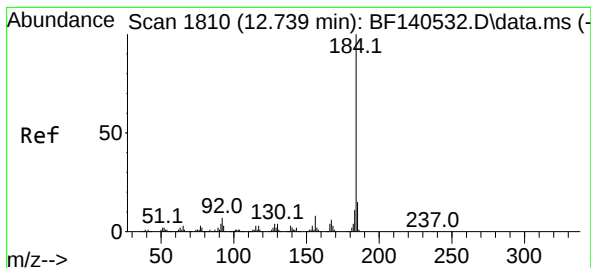
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140626.D
Acq: 26 Nov 2024 01:32

Tgt Ion:240 Resp: 80063
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.5 20.6 31.0





#77

Benzidine

Concen: 44.569 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

Tgt Ion:184 Resp: 103748

Ion Ratio Lower Upper

184 100

185 15.4 11.7 17.5

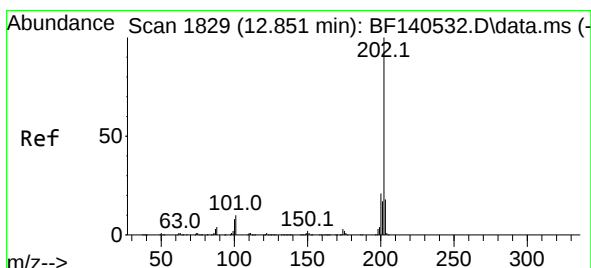
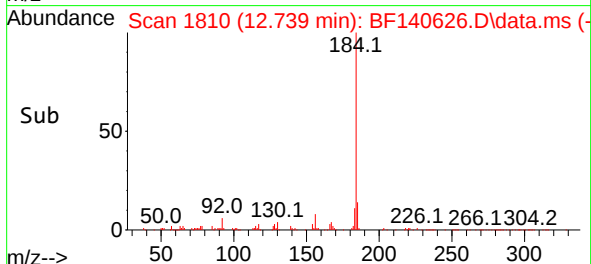
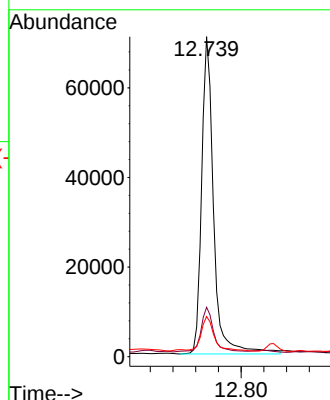
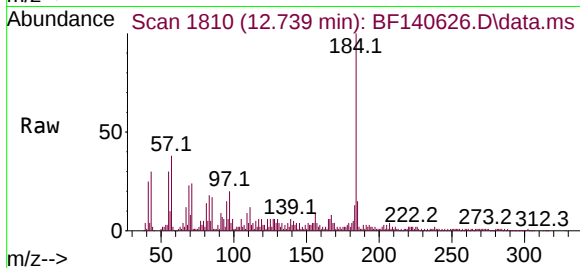
183 12.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#78

Pyrene

Concen: 70.045 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

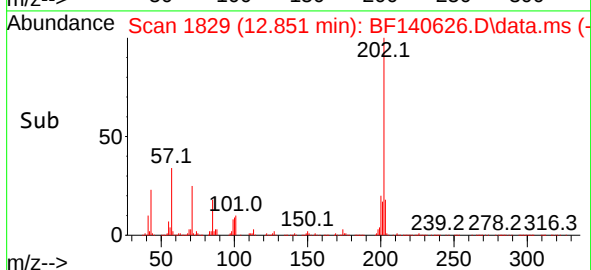
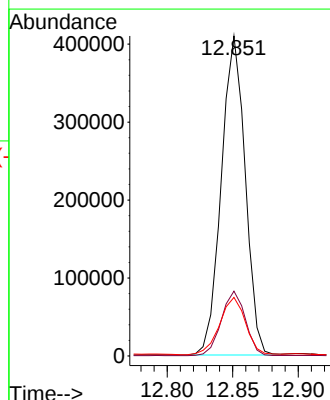
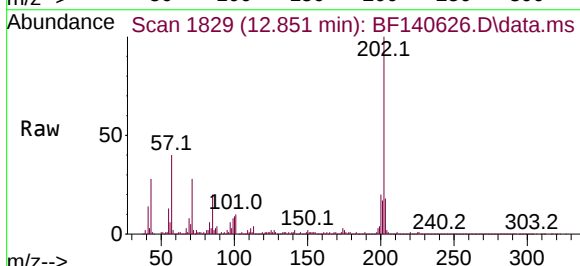
Tgt Ion:202 Resp: 518530

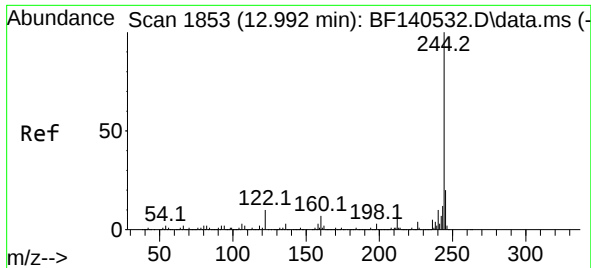
Ion Ratio Lower Upper

202 100

200 20.3 16.5 24.7

203 18.3 14.2 21.4





#79
 Terphenyl-d14
 Concen: 79.846 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140626.D
 Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

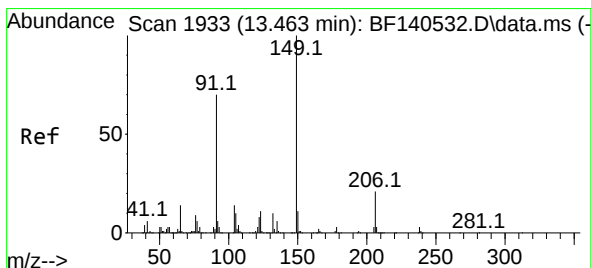
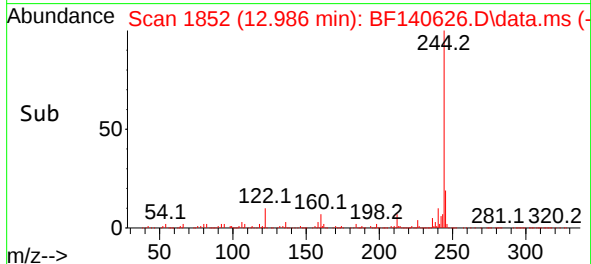
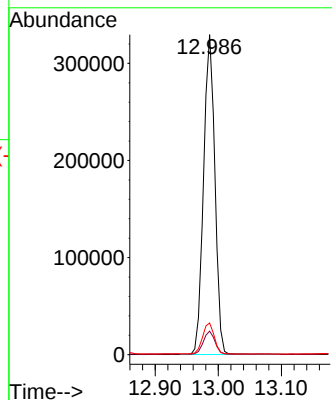
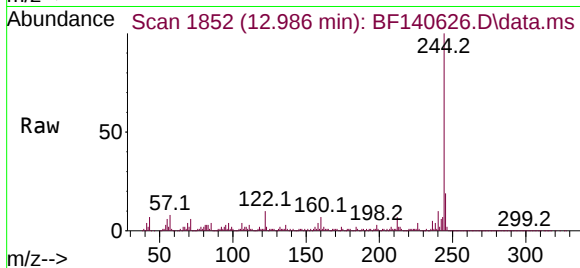
TR-05-112124MSD

Tgt Ion:244 Resp: 41054
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.9 8.0 12.0

Manual Integrations

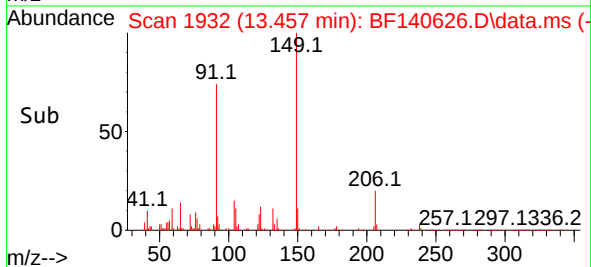
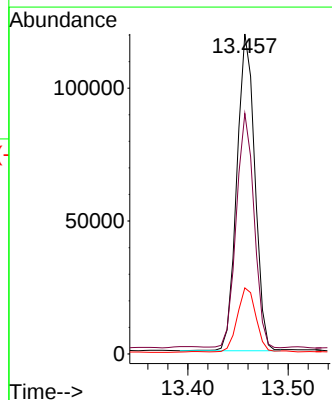
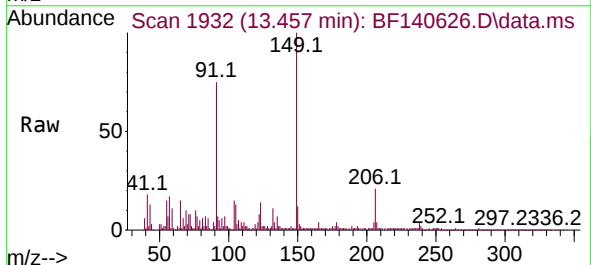
APPROVED

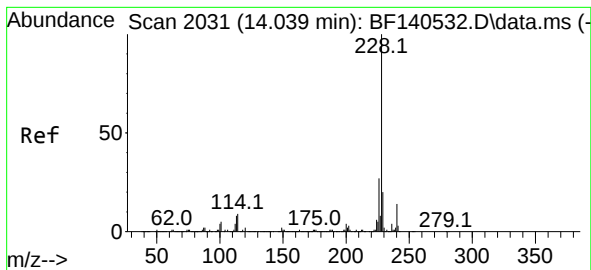
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#80
 Butylbenzylphthalate
 Concen: 55.920 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140626.D
 Acq: 26 Nov 2024 01:32

Tgt Ion:149 Resp: 149128
 Ion Ratio Lower Upper
 149 100
 91 75.1 56.2 84.2
 206 20.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 62.987 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

Tgt Ion:228 Resp: 33382

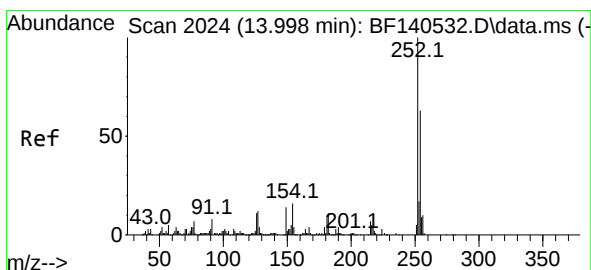
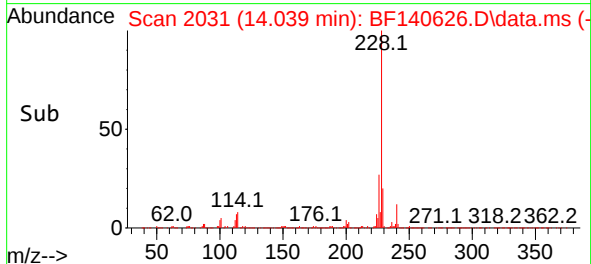
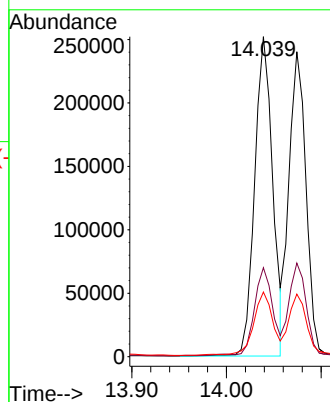
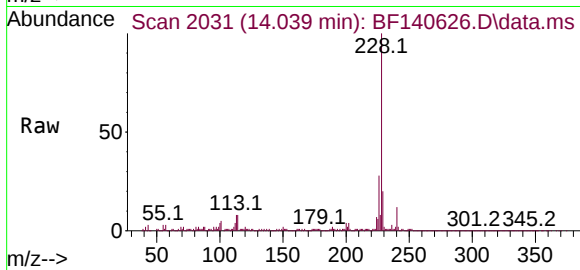
Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.2	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 37.765 ng

RT: 13.998 min Scan# 2024

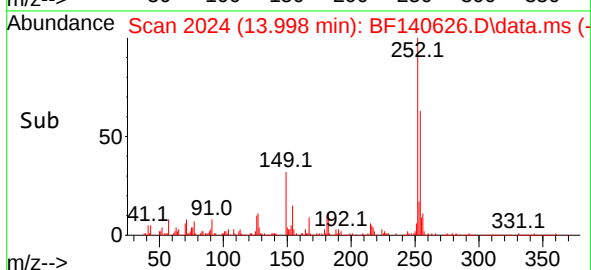
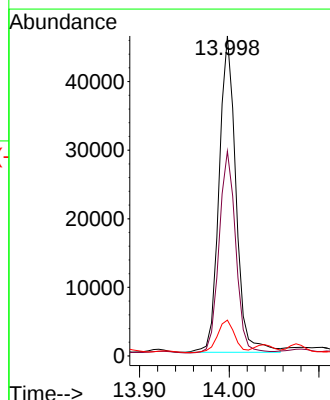
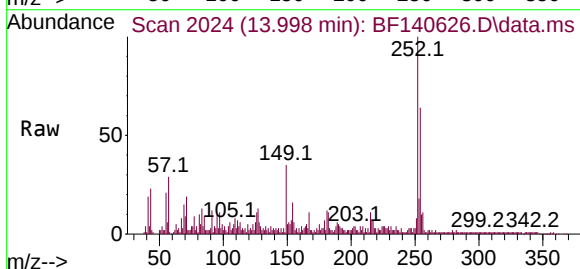
Delta R.T. 0.000 min

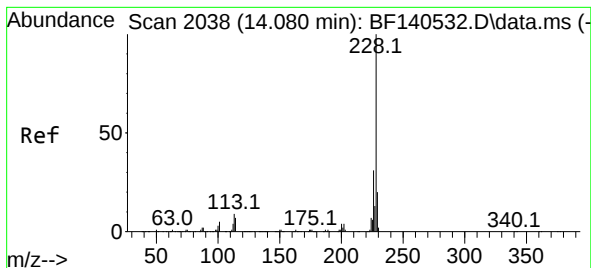
Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Tgt Ion:252 Resp: 60093

Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.8	76.2
126	11.2	8.6	13.0





#83

Chrysene

Concen: 61.182 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

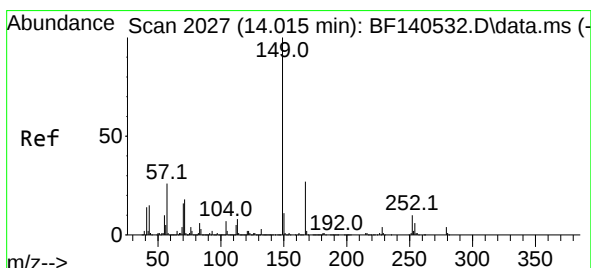
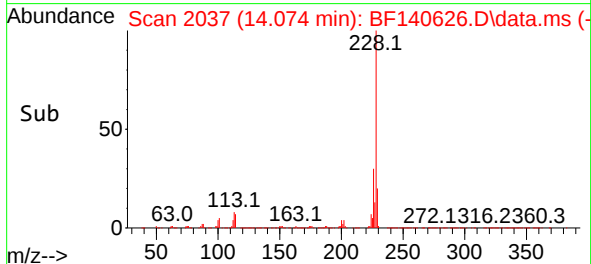
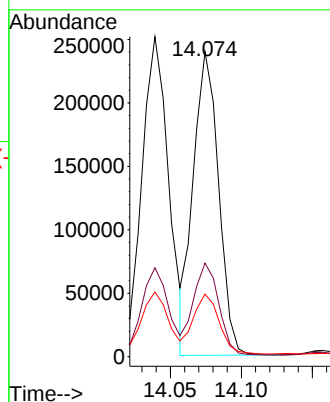
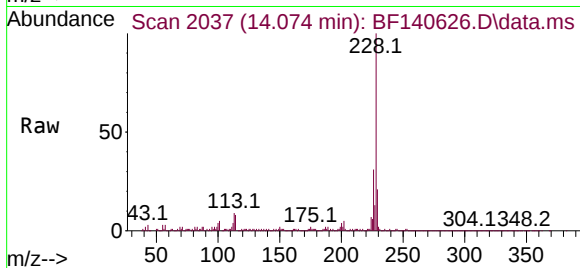
Tgt Ion:	228	Resp:	296490
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.4	36.6
229	20.5	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.303 ng

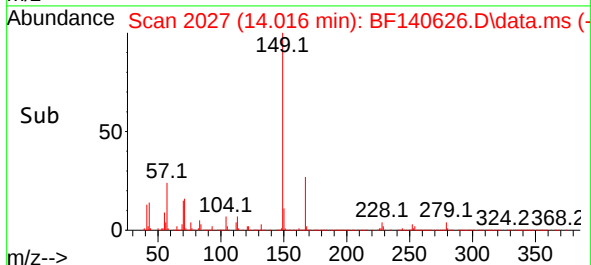
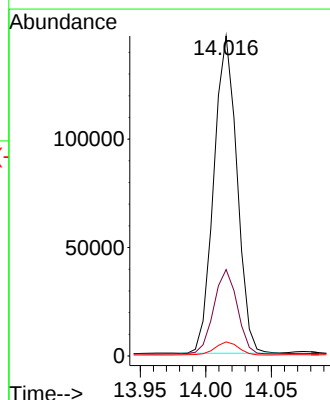
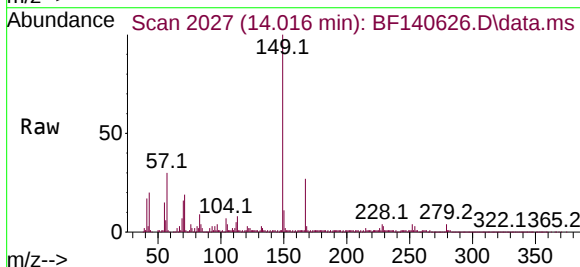
RT: 14.016 min Scan# 2027

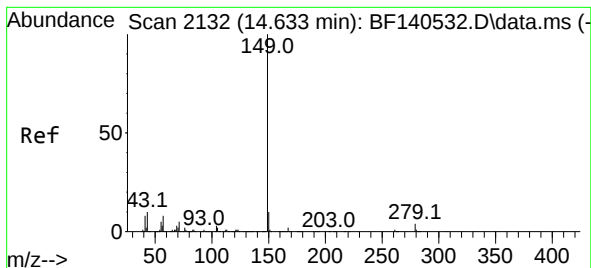
Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Tgt Ion:	149	Resp:	179490
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.2	31.8
279	4.4	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 55.869 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

Tgt Ion:149 Resp: 25710

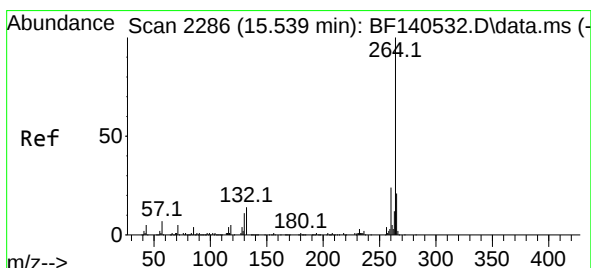
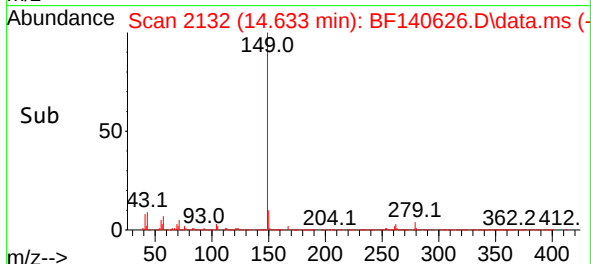
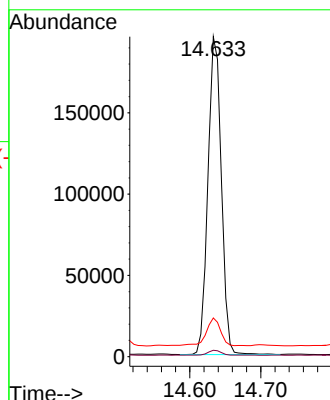
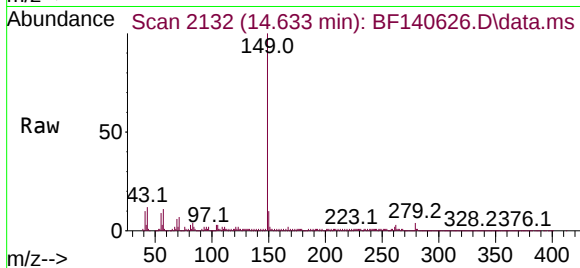
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.9	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

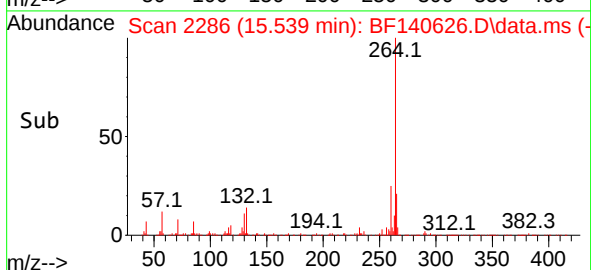
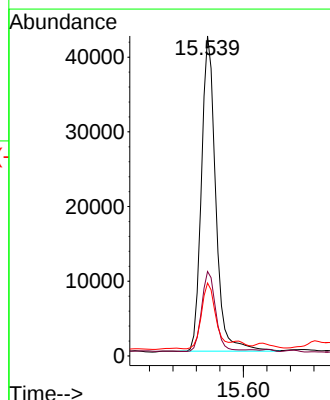
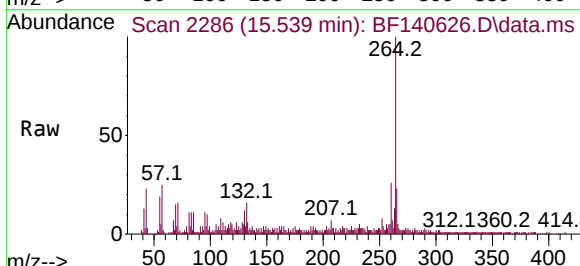
Delta R.T. 0.000 min

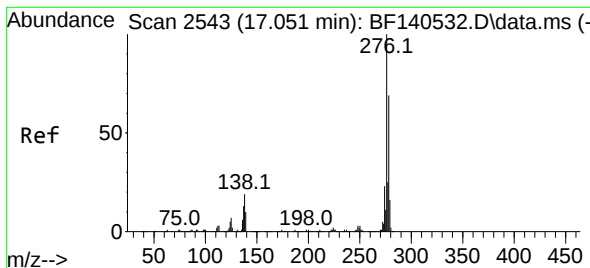
Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Tgt Ion:264 Resp: 71140

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.0	28.6
265	22.8	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.881 ng

RT: 17.051 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

Tgt Ion:276 Resp: 221980

Ion Ratio Lower Upper

276 100

138 17.7 15.5 23.3

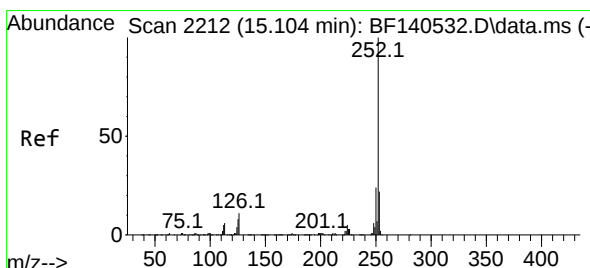
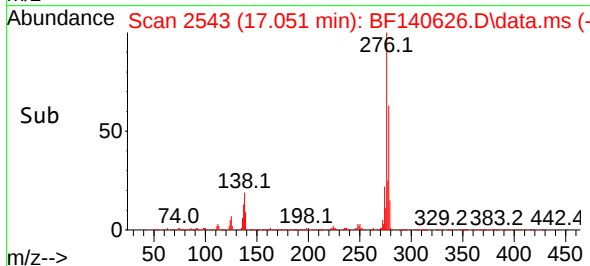
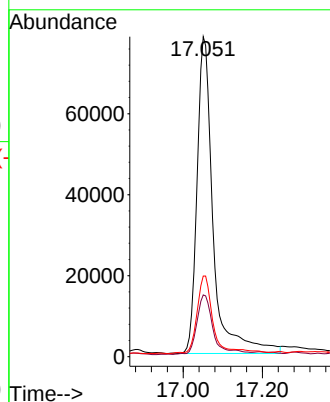
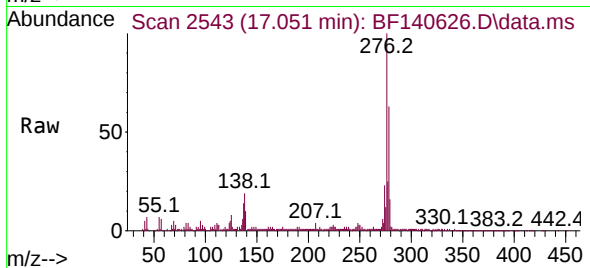
277 24.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#88

Benzo(b)fluoranthene

Concen: 57.207 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

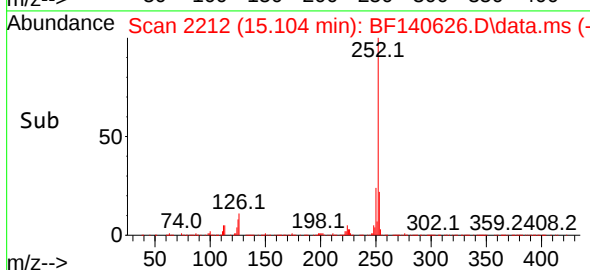
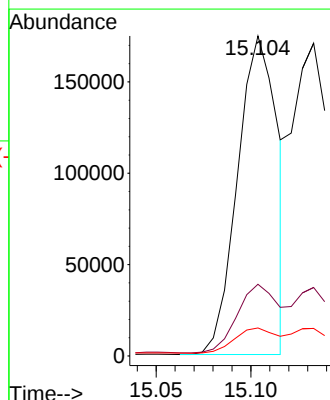
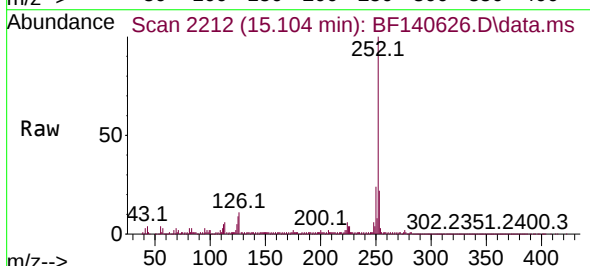
Tgt Ion:252 Resp: 255623

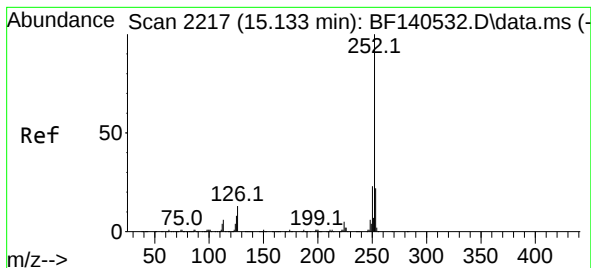
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 8.7 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 64.526 ng m

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNF

ClientSampleId :

TR-05-112124MSD

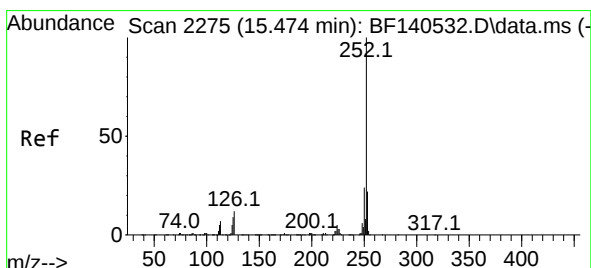
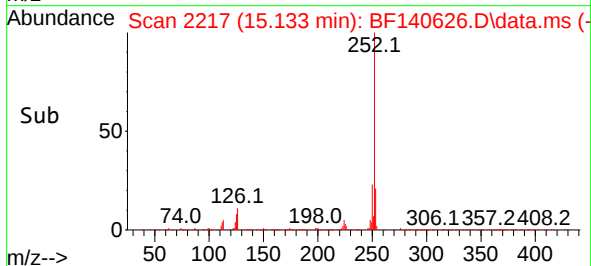
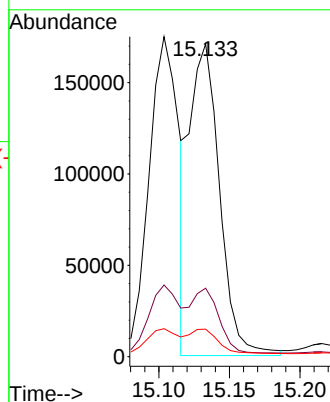
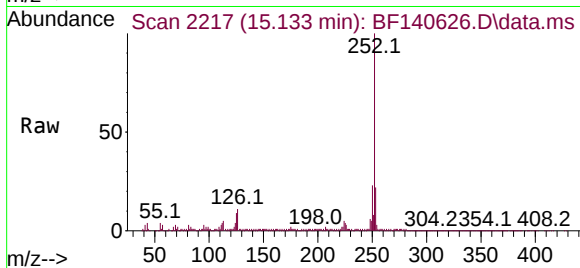
Tgt Ion:252 Resp: 252314
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 8.8 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 64.268 ng

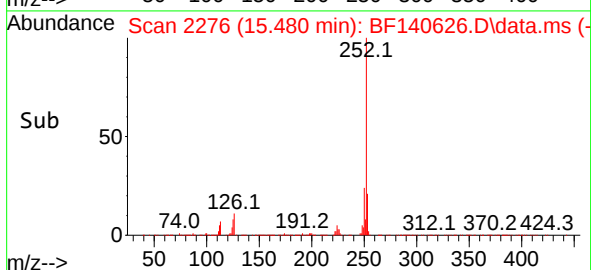
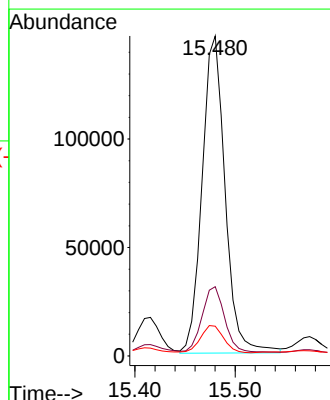
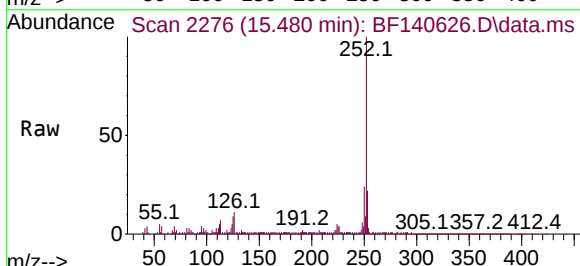
RT: 15.480 min Scan# 2276

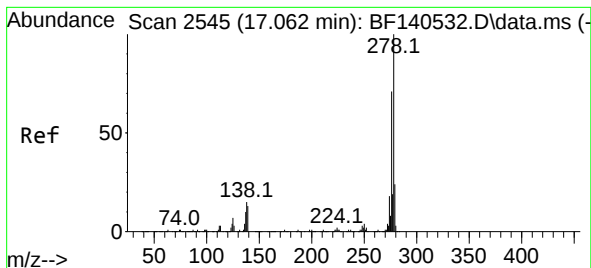
Delta R.T. 0.006 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Tgt Ion:252 Resp: 233495
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.3 25.9
 125 9.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 44.762 ng

RT: 17.062 min Scan# 2545

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Instrument :

BNA_F

ClientSampleId :

TR-05-112124MSD

Tgt Ion:278 Resp: 16995

Ion Ratio Lower Upper

278 100

139 13.4 10.2 15.4

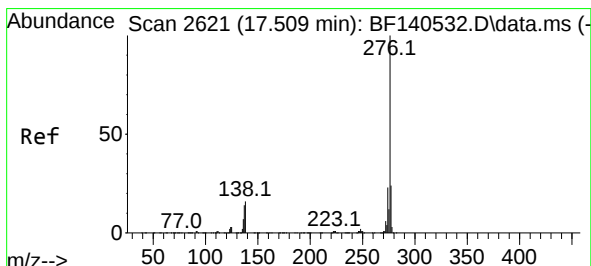
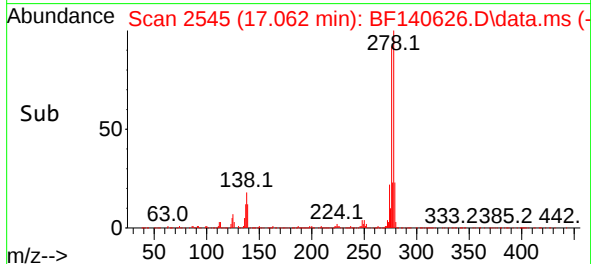
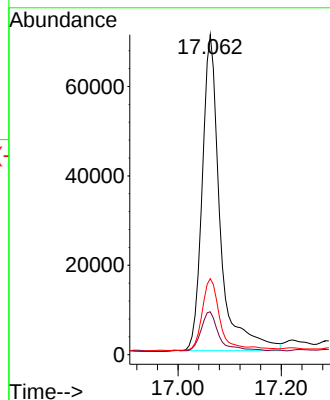
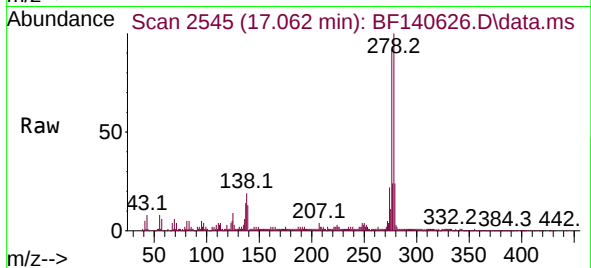
279 23.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#92

Benzo(g,h,i)perylene

Concen: 39.693 ng

RT: 17.509 min Scan# 2621

Delta R.T. 0.000 min

Lab File: BF140626.D

Acq: 26 Nov 2024 01:32

Tgt Ion:276 Resp: 153788

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 17.0 13.2 19.8

