

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101425\
 Data File : BF143948.D
 Acq On : 14 Oct 2025 15:37
 Operator : RC/JU
 Sample : PB170067BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170067BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
 Supervised By :mohammad ahmed 10/17/2025

Quant Time: Oct 14 15:59:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	118816	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	463801	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	249783	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	432264	20.000	ng	0.00
76) Chrysene-d12	14.069	240	248238	20.000	ng	0.00
86) Perylene-d12	15.551	264	243737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	868018	116.011	ng	0.00
7) Phenol-d6	6.510	99	1035874	116.150	ng	0.00
23) Nitrobenzene-d5	7.446	82	652030	85.412	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	314732	126.506	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1240494	78.802	ng	0.00
79) Terphenyl-d14	13.004	244	1358582	93.536	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	136737	39.492	ng	96
3) Pyridine	3.493	79	404140	40.095	ng	96
4) n-Nitrosodimethylamine	3.440	42	232930	43.930	ng	90
6) Aniline	6.546	93	458755	34.327	ng	97
8) 2-Chlorophenol	6.669	128	321500	43.958	ng	99
9) Benzaldehyde	6.434	77	189528	27.549	ng	98
10) Phenol	6.522	94	454815m	42.657	ng	
11) bis(2-Chloroethyl)ether	6.616	93	358424	43.518	ng	98
12) 1,3-Dichlorobenzene	6.822	146	371552	42.440	ng	100
13) 1,4-Dichlorobenzene	6.898	146	379549	43.950	ng	99
14) 1,2-Dichlorobenzene	7.051	146	359801	43.498	ng	98
15) Benzyl Alcohol	7.022	79	308764	46.207	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	850130	45.346	ng	99
17) 2-Methylphenol	7.134	107	268790	44.469	ng	98
18) Hexachloroethane	7.393	117	124418	43.200	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	257057	42.108	ng	97
20) 3+4-Methylphenols	7.287	107	301806	43.082	ng	# 74
22) Acetophenone	7.293	105	458140	46.717	ng	98
24) Nitrobenzene	7.463	77	389825	45.983	ng	100
25) Isophorone	7.704	82	710540	44.142	ng	99
26) 2-Nitrophenol	7.781	139	181051	49.813	ng	99
27) 2,4-Dimethylphenol	7.816	122	317944	48.629	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	453330	44.584	ng	98
29) 2,4-Dichlorophenol	8.022	162	296950	43.602	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	304245	45.424	ng	99
31) Naphthalene	8.187	128	893956	42.372	ng	99
32) Benzoic acid	7.940	122	232305m	51.339	ng	
33) 4-Chloroaniline	8.234	127	173845	21.970	ng	99
34) Hexachlorobutadiene	8.304	225	194584	41.807	ng	98
35) Caprolactam	8.604	113	100966m	46.626	ng	
36) 4-Chloro-3-methylphenol	8.716	107	292336	44.687	ng	99
37) 2-Methylnaphthalene	8.881	142	556742	39.615	ng	100
38) 1-Methylnaphthalene	8.981	142	557341	40.885	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	330746	47.909	ng	99
41) Hexachlorocyclopentadiene	9.034	237	319805	111.662	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	220692	43.751	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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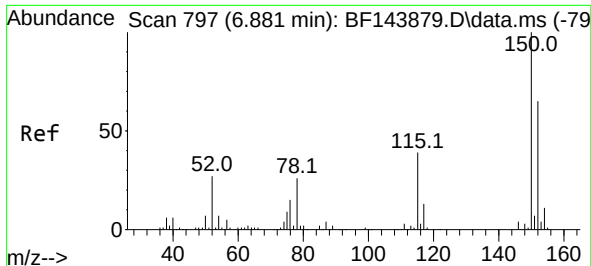
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	233369	43.780	ng	99
46) 1,1'-Biphenyl	9.345	154	780071	47.169	ng	98
47) 2-Chloronaphthalene	9.369	162	602543	43.699	ng	97
48) 2-Nitroaniline	9.469	65	218133	50.038	ng	99
49) Acenaphthylene	9.787	152	954249	49.227	ng	99
50) Dimethylphthalate	9.645	163	706134	44.517	ng	99
51) 2,6-Dinitrotoluene	9.710	165	153977	52.349	ng	97
52) Acenaphthene	9.963	154	583286	45.921	ng	100
53) 3-Nitroaniline	9.875	138	118770	32.978	ng	97
54) 2,4-Dinitrophenol	9.987	184	155971	85.449	ng	91
55) Dibenzofuran	10.134	168	781151	43.566	ng	99
56) 4-Nitrophenol	10.039	139	241994	88.741	ng	95
57) 2,4-Dinitrotoluene	10.116	165	210223	52.528	ng	99
58) Fluorene	10.475	166	590746	43.663	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	185895	49.265	ng	96
60) Diethylphthalate	10.351	149	656919	44.578	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	310983	43.475	ng	98
62) 4-Nitroaniline	10.498	138	163217	47.127	ng	96
63) Azobenzene	10.628	77	704833	45.764	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	115770	53.295	ng	99
66) n-Nitrosodiphenylamine	10.586	169	605515	44.613	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	201860	42.255	ng	96
68) Hexachlorobenzene	11.028	284	243126	43.960	ng	97
69) Atrazine	11.116	200	196890	47.861	ng	99
70) Pentachlorophenol	11.222	266	254320	80.066	ng	98
71) Phenanthrene	11.445	178	892973	42.611	ng	100
72) Anthracene	11.492	178	908961	42.935	ng	98
73) Carbazole	11.651	167	817434	43.596	ng	100
74) Di-n-butylphthalate	11.975	149	1007480	46.361	ng	99
75) Fluoranthene	12.633	202	943712	43.597	ng	99
77) Benzidine	12.757	184	352253	40.867	ng	97
78) Pyrene	12.863	202	948766	45.845	ng	99
80) Butylbenzylphthalate	13.480	149	350965	52.218	ng	99
81) Benzo(a)anthracene	14.057	228	744619	45.837	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	128361	25.928	ng	# 97
83) Chrysene	14.092	228	689675	45.871	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	419040	51.721	ng	99
85) Di-n-octyl phthalate	14.657	149	631608	47.464	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	731452	48.976	ng	98
88) Benzo(b)fluoranthene	15.116	252	607748	43.407	ng	99
89) Benzo(k)fluoranthene	15.145	252	604096	46.629	ng	99
90) Benzo(a)pyrene	15.486	252	588905	48.508	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	600325	49.979	ng	99
92) Benzo(g,h,i)perylene	17.510	276	605478	50.408	ng	97

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

Manual Integrations APPROVED

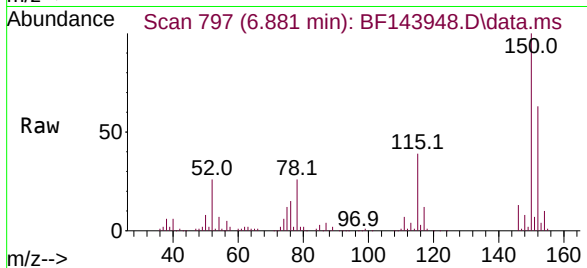
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

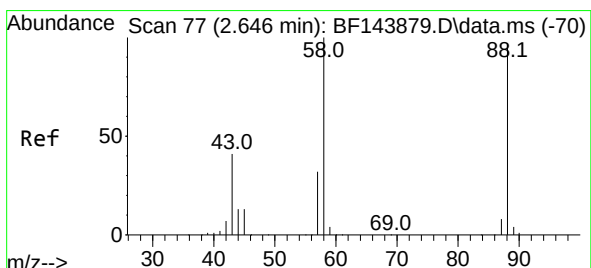
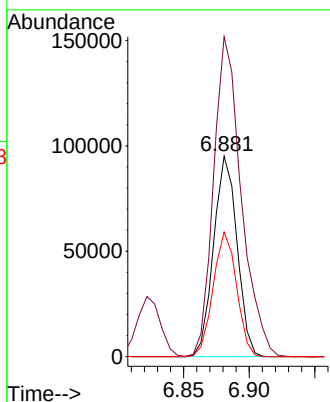
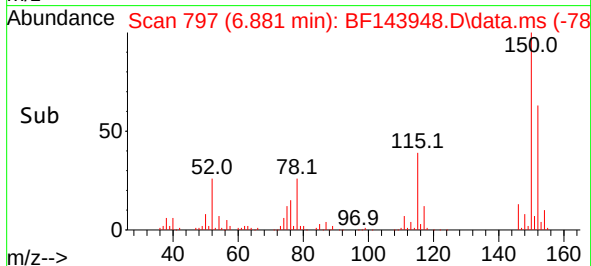
Instrument :
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PB170067BS



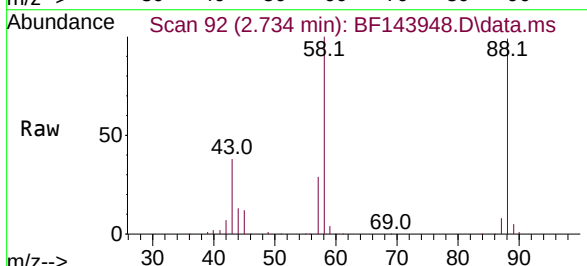
Tgt Ion:152 Resp: 118816
Ion Ratio Lower Upper
152 100
150 159.7 124.4 186.6
115 62.2 48.1 72.1

Manual Integrations
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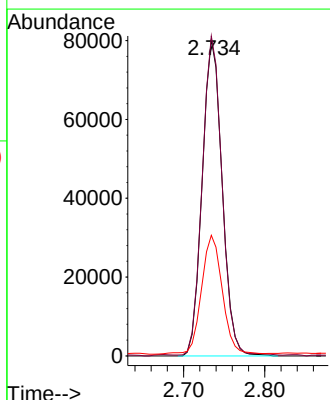
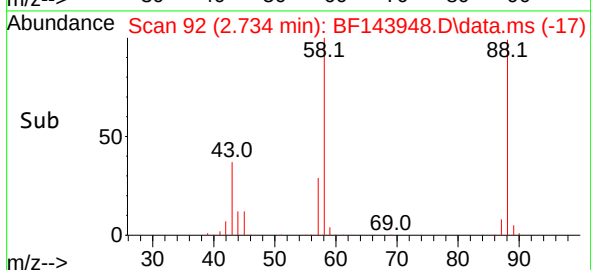
Reviewed By :Jagrut Upadhyay 10/14/2025
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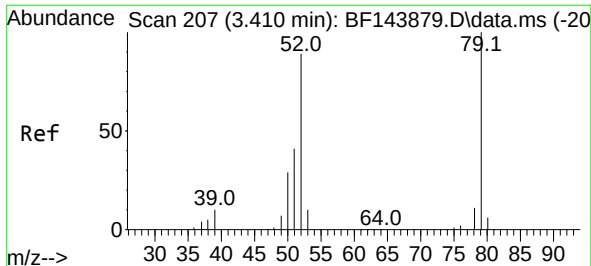


#2
1,4-Dioxane
Concen: 39.492 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.088 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



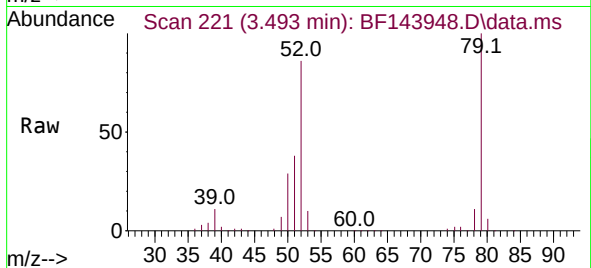
Tgt Ion: 88 Resp: 136737
Ion Ratio Lower Upper
88 100
58 100.2 83.0 124.6
43 39.3 33.9 50.9





#3
Pyridine
Concen: 40.095 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.077 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

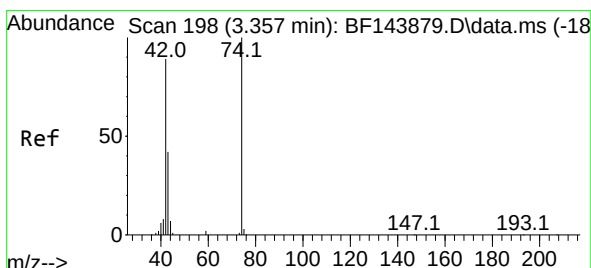
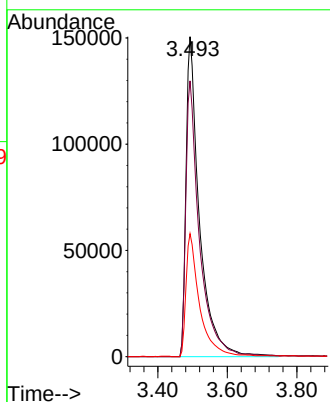
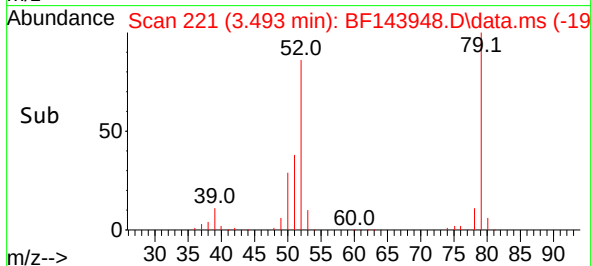
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ClientSampleId :
PB170067BS



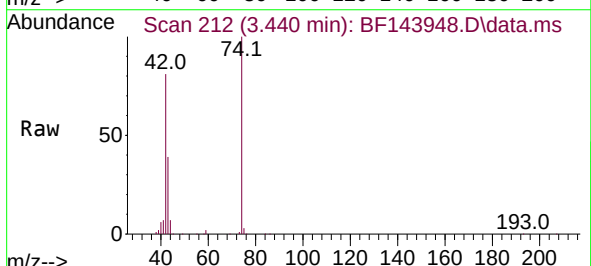
Tgt Ion: 79 Resp: 404140
Ion Ratio Lower Upper
79 100
52 86.2 71.5 107.3
51 38.4 32.9 49.3

Manual Integrations
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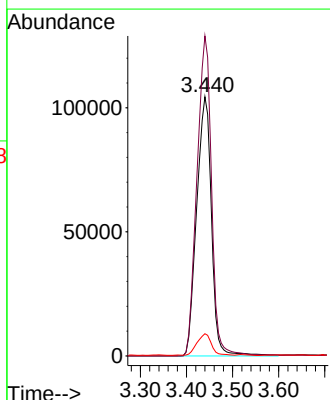
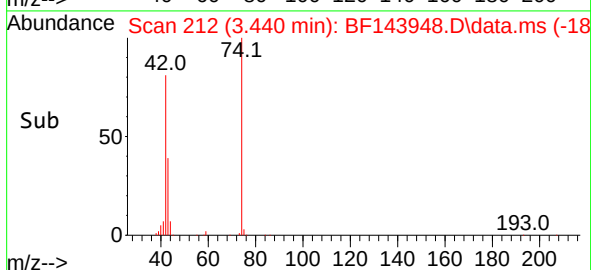
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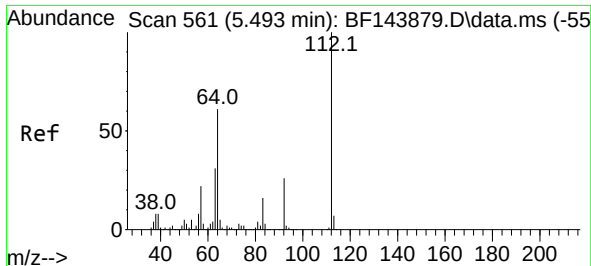


#4
n-Nitrosodimethylamine
Concen: 43.930 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.053 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



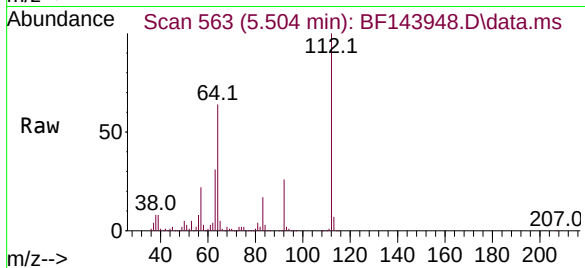
Tgt Ion: 42 Resp: 232930
Ion Ratio Lower Upper
42 100
74 123.5 90.0 135.0
44 8.5 6.2 9.2





#5
2-Fluorophenol
Concen: 116.011 ng
RT: 5.504 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

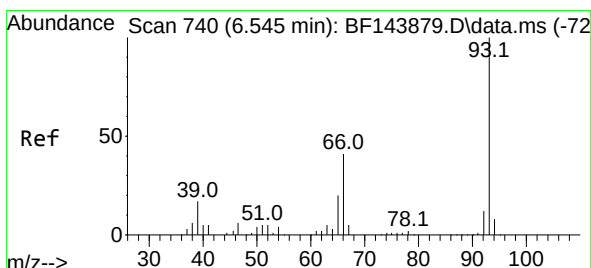
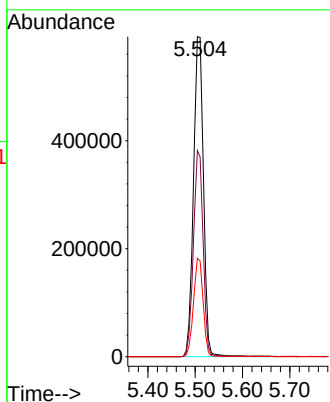
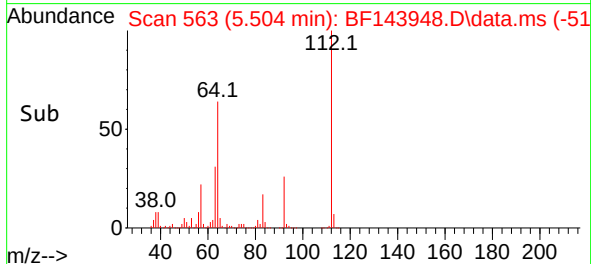
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Tgt Ion:112 Resp: 868018
Ion Ratio Lower Upper
112 100
64 64.4 49.1 73.7
63 30.7 24.5 36.7

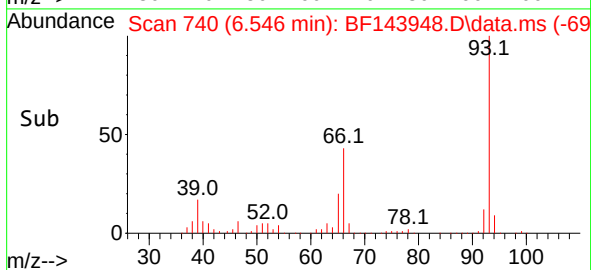
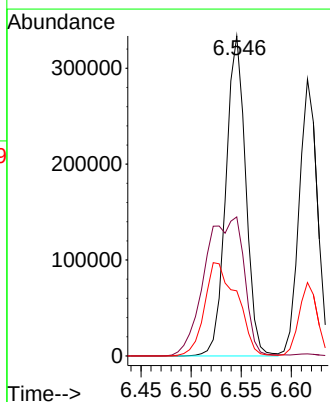
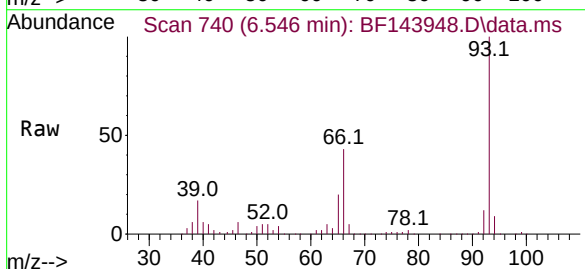
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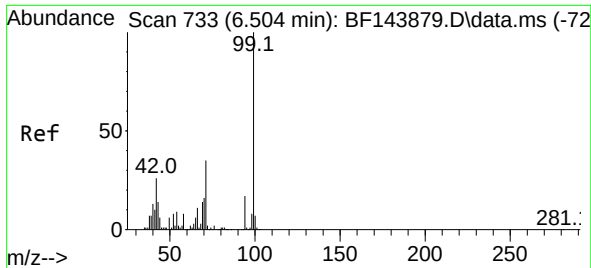
Reviewed By :Jagrut Upadhyay 10/14/2025
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#6
Aniline
Concen: 34.327 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

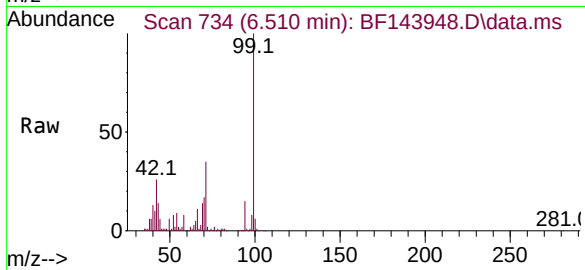
Tgt Ion: 93 Resp: 458755
Ion Ratio Lower Upper
93 100
66 43.4 33.0 49.6
65 20.3 15.8 23.8





#7
Phenol-d6
Concen: 116.150 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

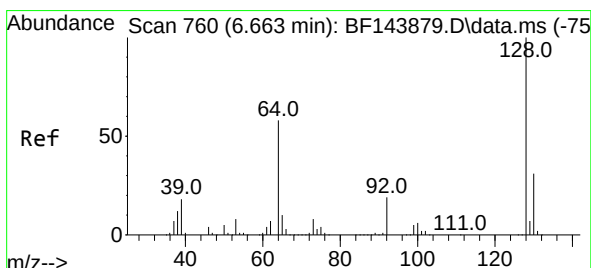
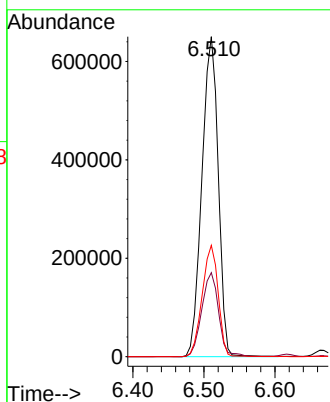
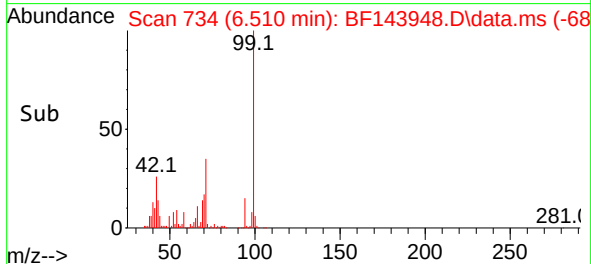
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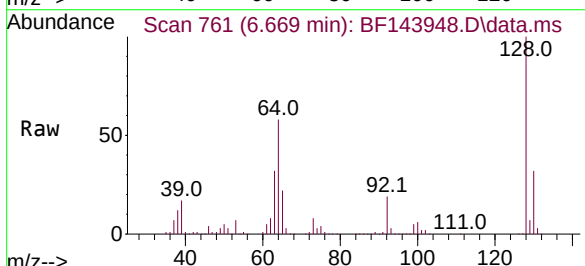
Tgt Ion: 99 Resp: 1035874
Ion Ratio Lower Upper
99 100
42 26.2 21.0 31.4
71 34.8 27.8 41.8

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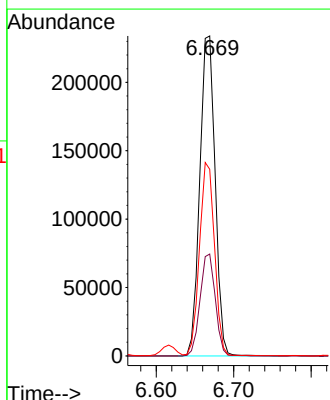
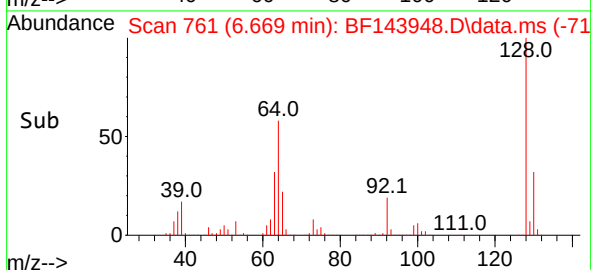
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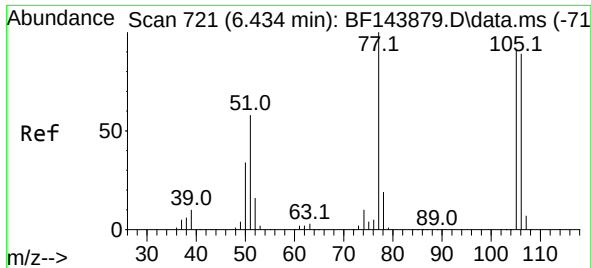


#8
2-Chlorophenol
Concen: 43.958 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



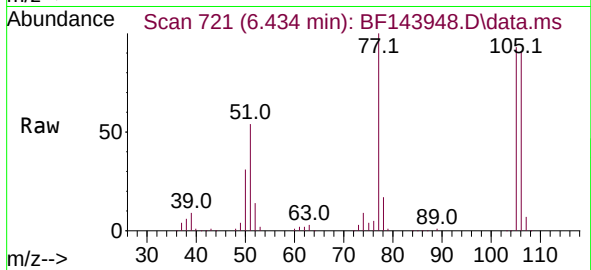
Tgt Ion:128 Resp: 321500
Ion Ratio Lower Upper
128 100
130 31.8 10.7 50.7
64 58.3 39.0 79.0





#9
Benzaldehyde
Concen: 27.549 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

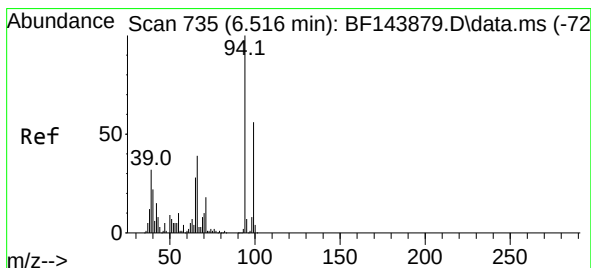
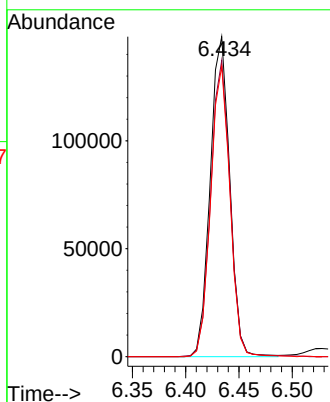
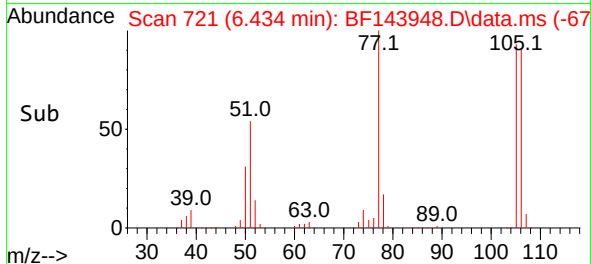
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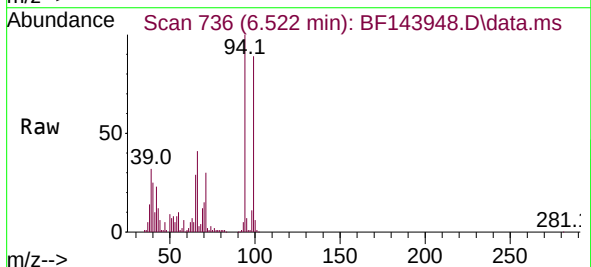
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Ion Ratio Lower Upper
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106 90.7 68.9 108.9

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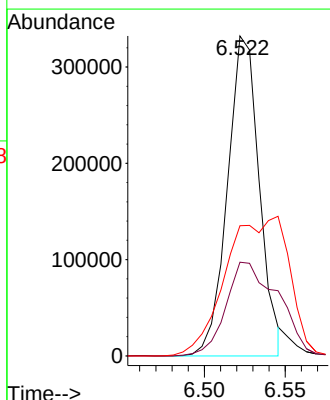
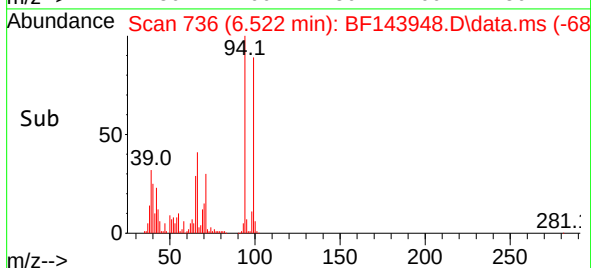
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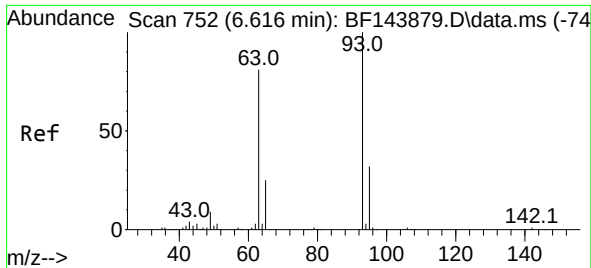


#10
Phenol
Concen: 42.657 ng m
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



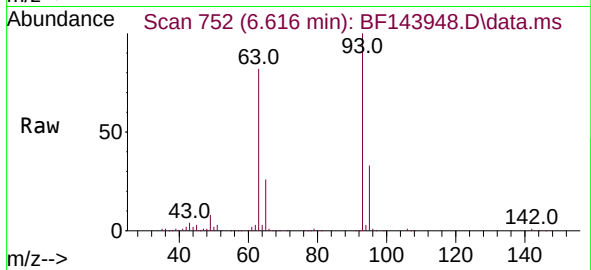
Tgt Ion: 94 Resp: 454815
Ion Ratio Lower Upper
94 100
65 29.3 8.5 48.5
66 40.7 19.9 59.9





#11
bis(2-Chloroethyl)ether
Concen: 43.518 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

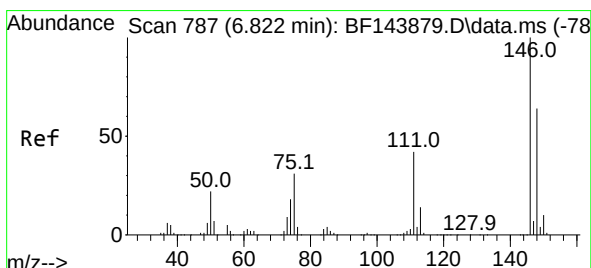
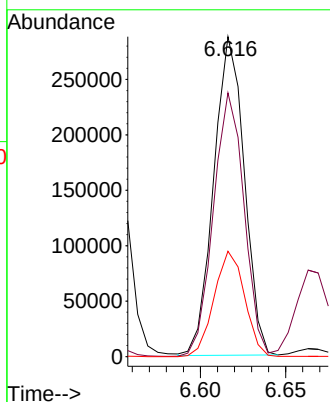
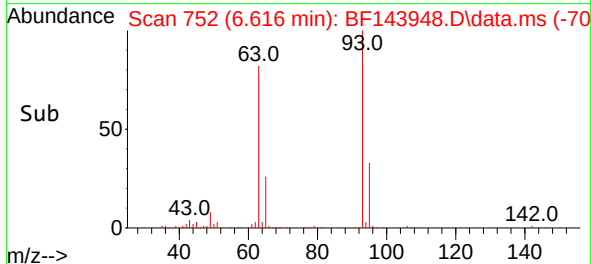
Instrument :
BNA_F
ClientSampleId :
PB170067BS



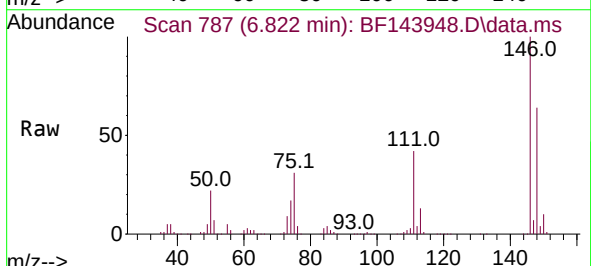
Tgt Ion: 93 Resp: 358424
Ion Ratio Lower Upper
93 100
63 82.4 60.9 100.9
95 32.9 11.5 51.5

Manual Integrations
APPROVED

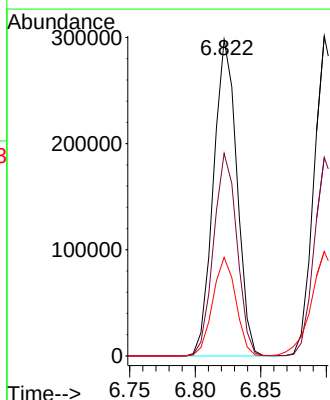
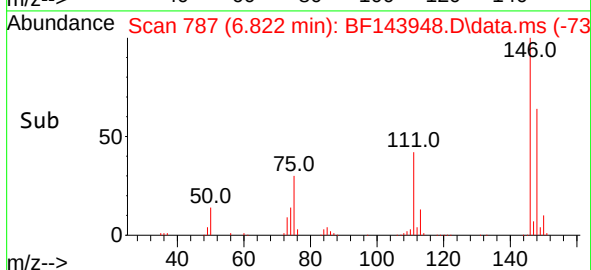
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

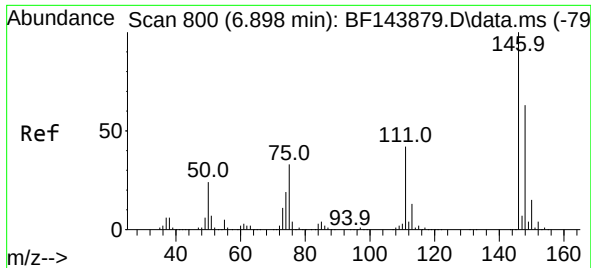


#12
1,3-Dichlorobenzene
Concen: 42.440 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



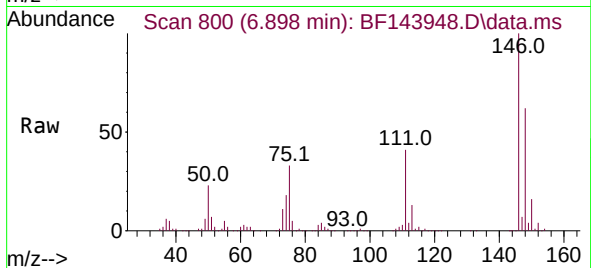
Tgt Ion:146 Resp: 371552
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 31.1 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 43.950 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

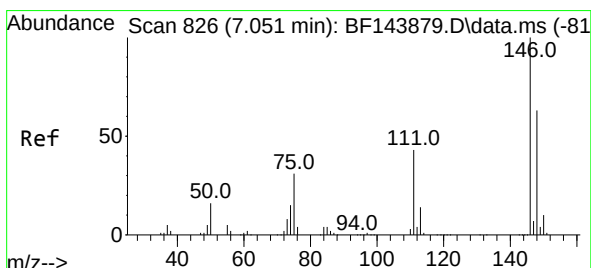
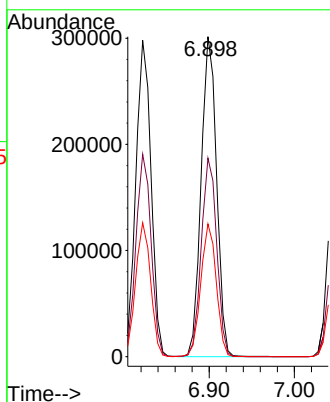
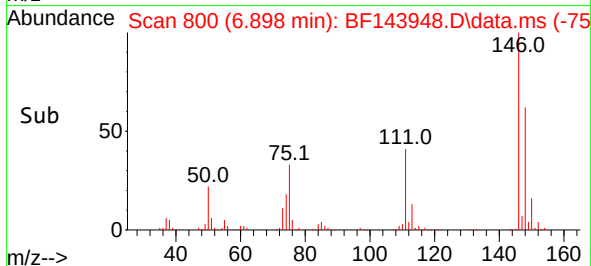
Instrument :
BNA_F
ClientSampleId :
PB170067BS



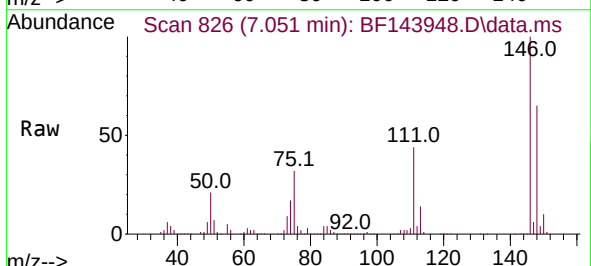
Tgt Ion:146 Resp: 379549
Ion Ratio Lower Upper
146 100
148 62.0 50.5 75.7
111 41.5 33.4 50.0

Manual Integrations
APPROVED

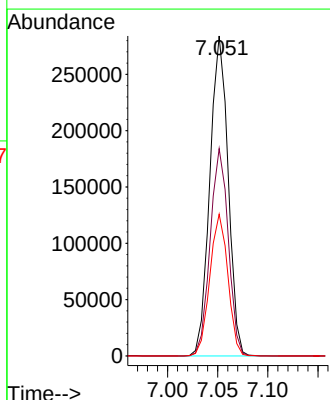
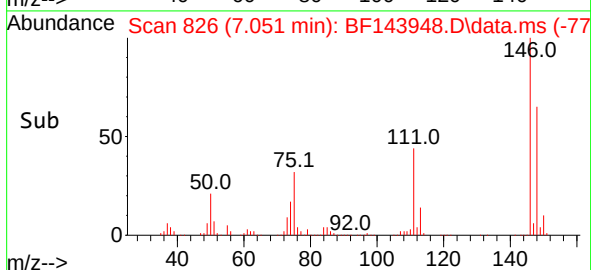
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

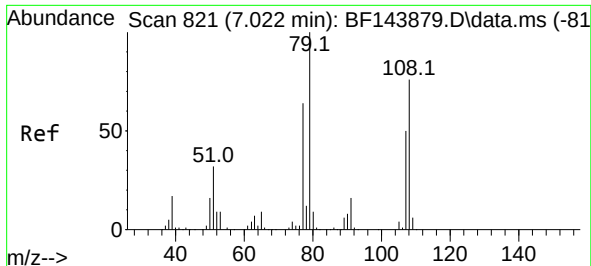


#14
1,2-Dichlorobenzene
Concen: 43.498 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



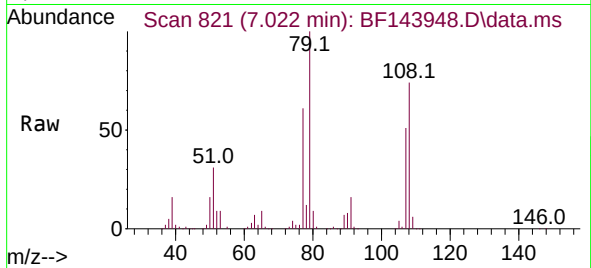
Tgt Ion:146 Resp: 359801
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
111 44.3 34.6 51.8





#15
Benzyl Alcohol
Concen: 46.207 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

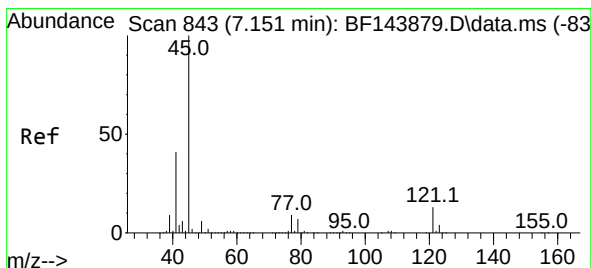
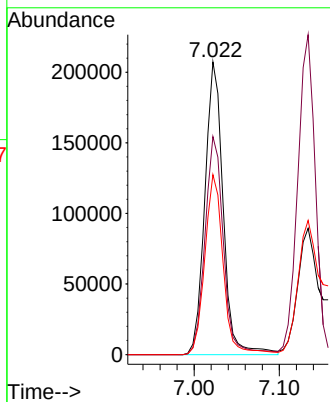
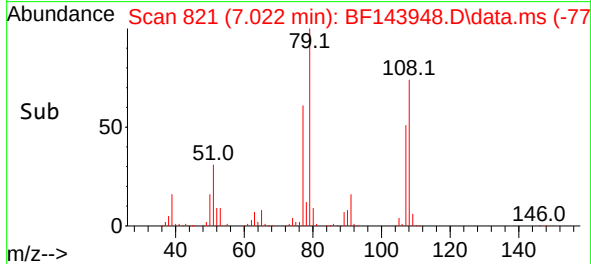
Instrument :
BNA_F
ClientSampleId :
PB170067BS



Tgt Ion: 79 Resp: 308764
Ion Ratio Lower Upper
79 100
108 74.5 60.8 91.2
77 61.5 51.0 76.6

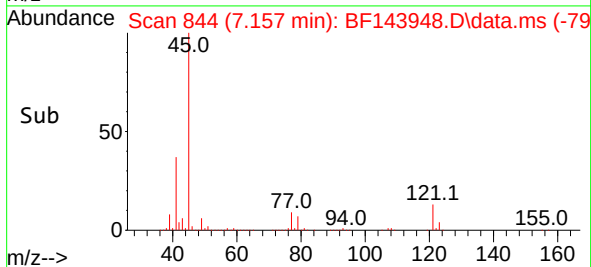
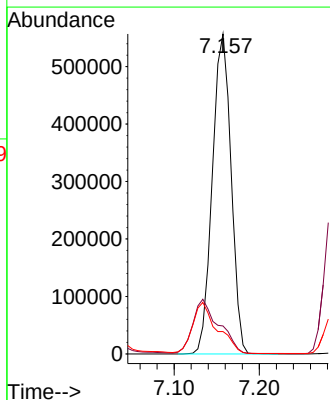
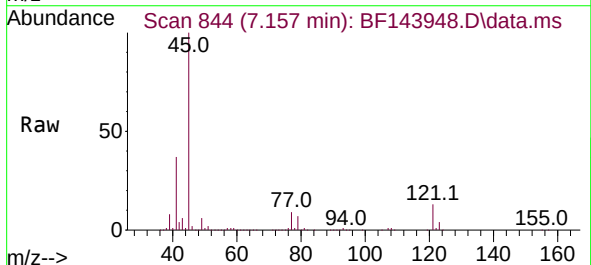
Manual Integrations
APPROVED

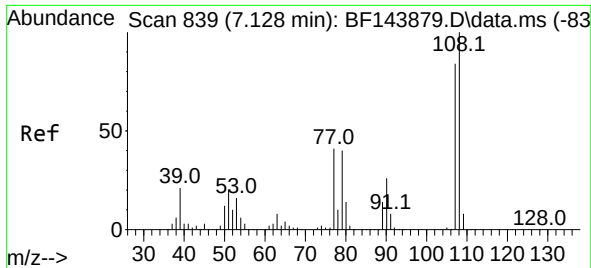
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.346 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Tgt Ion: 45 Resp: 850130
Ion Ratio Lower Upper
45 100
77 8.7 0.0 29.0
79 7.0 0.0 26.8





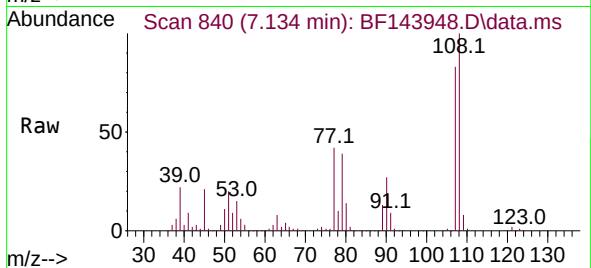
#17
2-Methylphenol
Concen: 44.469 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

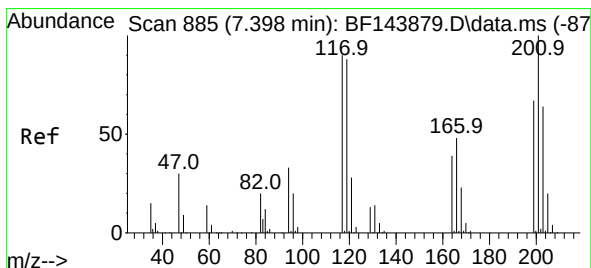
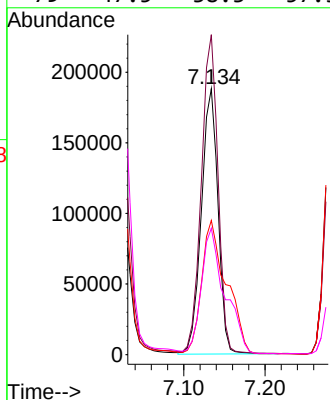
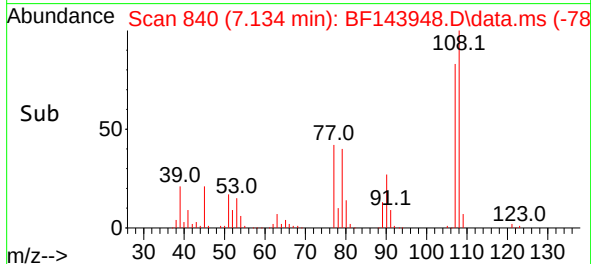


Tgt Ion:107 Resp: 268790
Ion Ratio Lower Upper
107 100
108 120.4 94.7 142.1
77 50.5 38.8 58.2
79 47.5 38.3 57.5

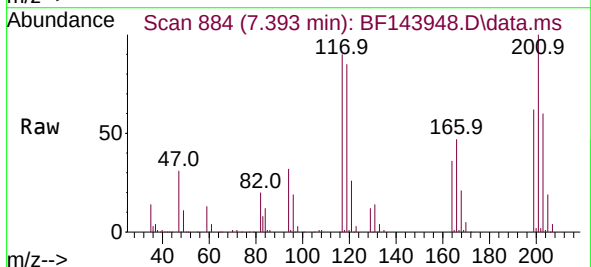
Manual Integrations

APPROVED

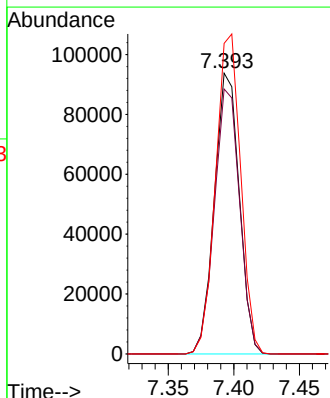
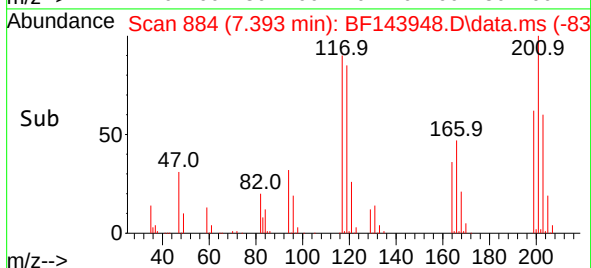
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

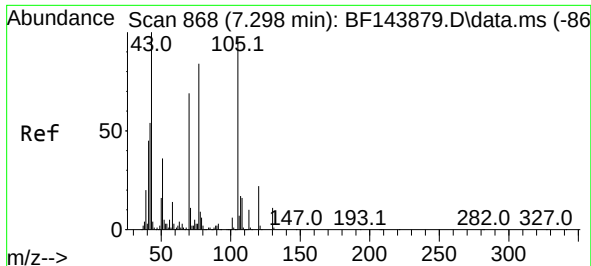


#18
Hexachloroethane
Concen: 43.200 ng
RT: 7.393 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



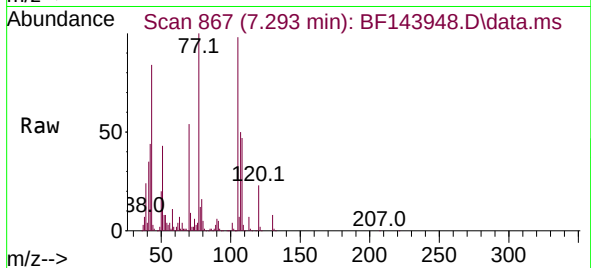
Tgt Ion:117 Resp: 124418
Ion Ratio Lower Upper
117 100
119 94.3 77.8 116.8
201 110.6 88.5 132.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.108 ng
RT: 7.293 min Scan# 868
Delta R.T. -0.023 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

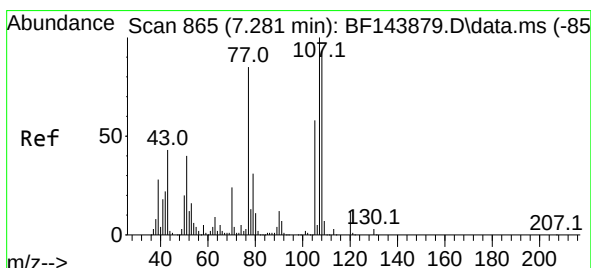
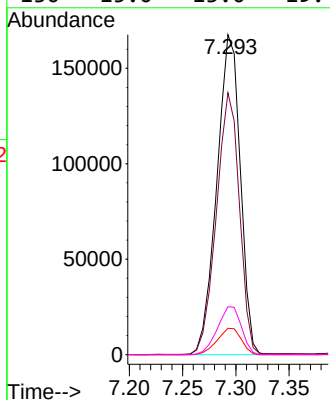
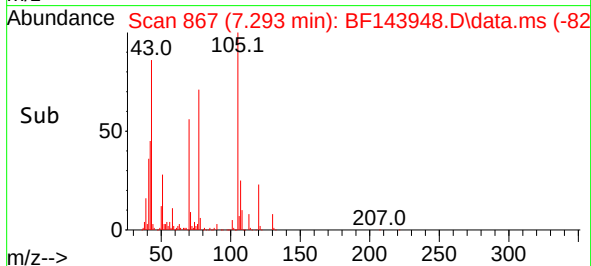
Instrument :
BNA_F
ClientSampleId :
PB170067BS



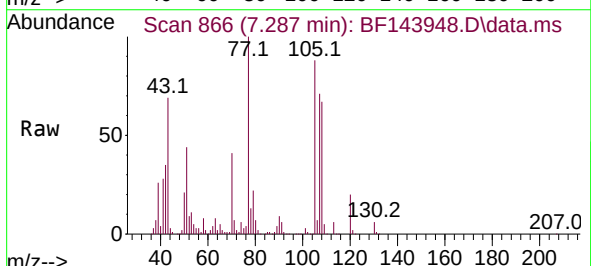
Tgt Ion: 70 Resp: 257052
Ion Ratio Lower Upper
70 100
42 81.8 62.8 94.2
101 8.2 6.7 10.1
130 15.0 13.0 19.4

Manual Integrations
APPROVED

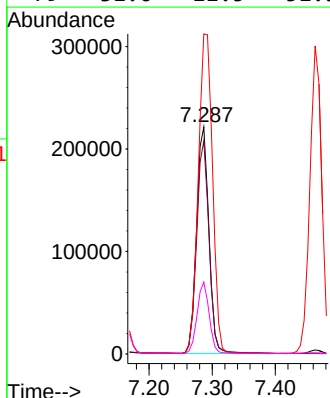
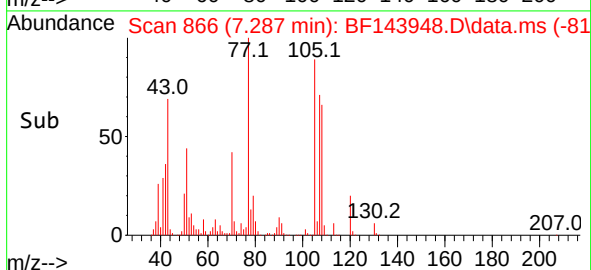
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

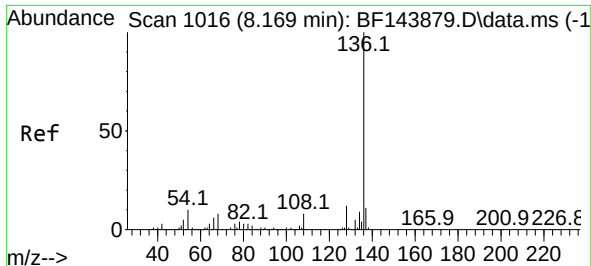


#20
3+4-Methylphenols
Concen: 43.082 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:107 Resp: 301806
Ion Ratio Lower Upper
107 100
108 93.9 73.0 113.0
77 141.1 64.6 104.6#
79 31.6 11.5 51.5





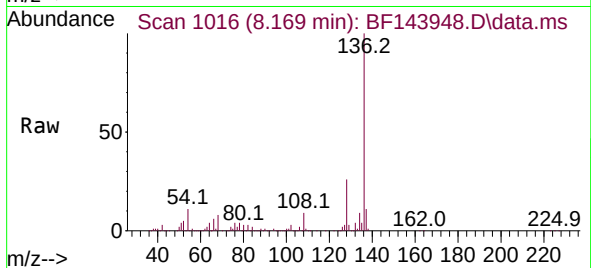
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

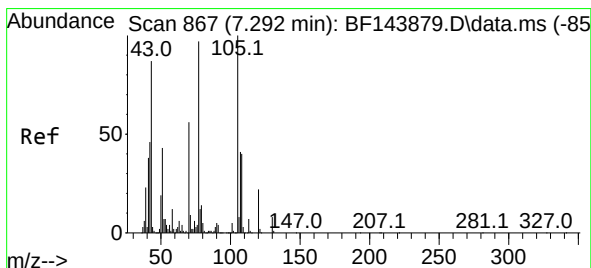
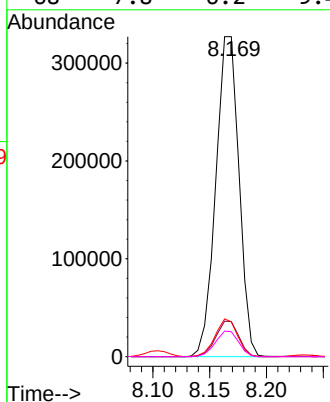
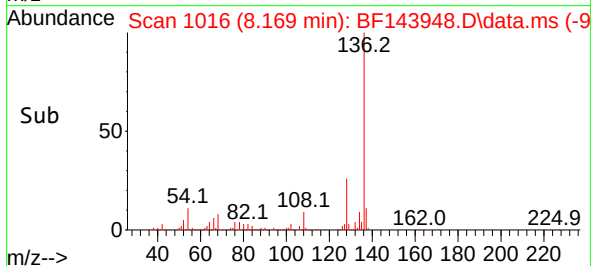


Tgt Ion:136 Resp: 463801
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.9 8.2 12.4
68 7.8 6.2 9.4

Manual Integrations

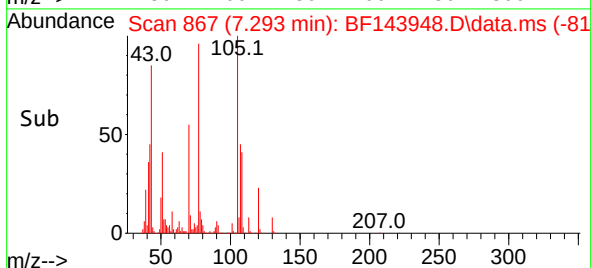
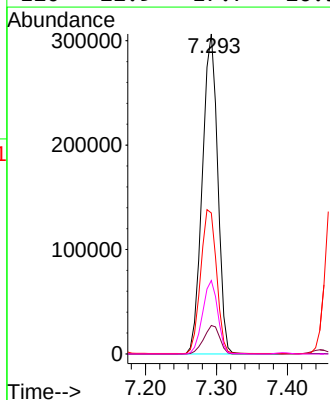
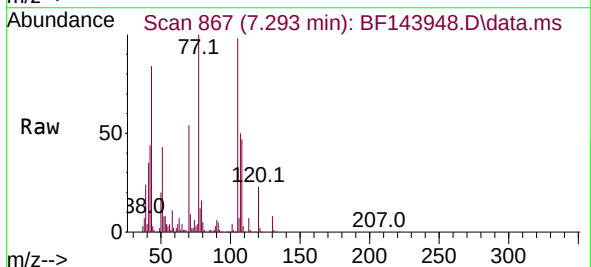
APPROVED

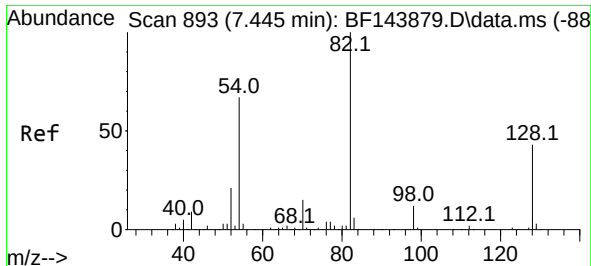
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#22
Acetophenone
Concen: 46.717 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Tgt Ion:105 Resp: 458140
Ion Ratio Lower Upper
105 100
71 8.9 7.4 11.0
51 44.0 34.2 51.4
120 22.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 85.412 ng

RT: 7.446 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143948.D

Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

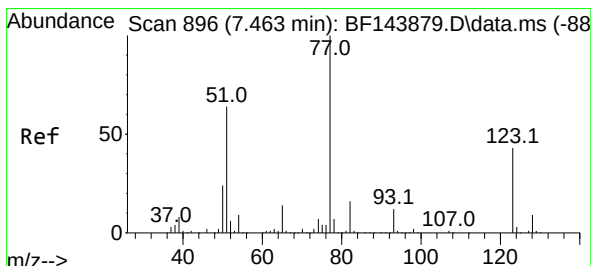
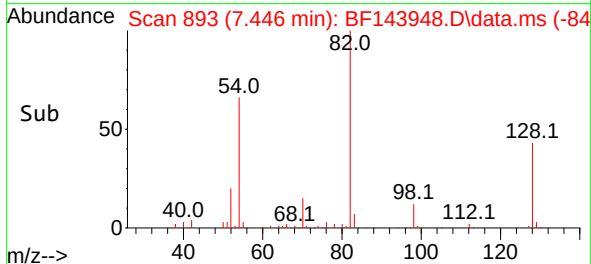
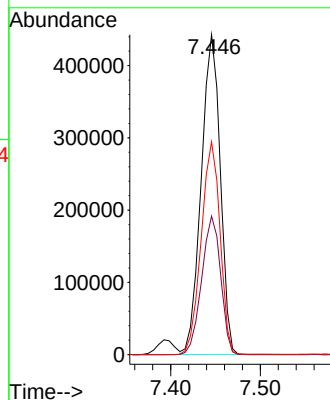
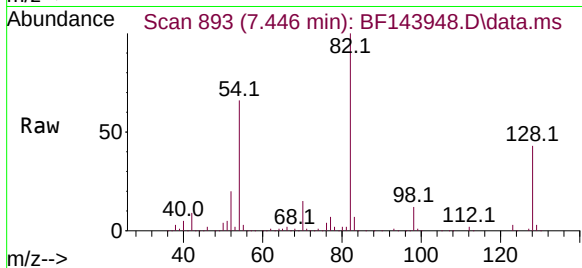
PB170067BS

Tgt Ion: 82 Resp: 652036
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.0 51.0
 54 66.5 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
 Supervised By :mohammad ahmed 10/17/2025



#24

Nitrobenzene

Concen: 45.983 ng

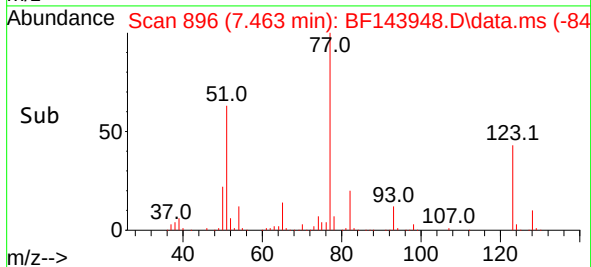
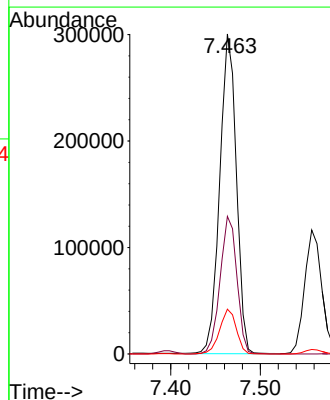
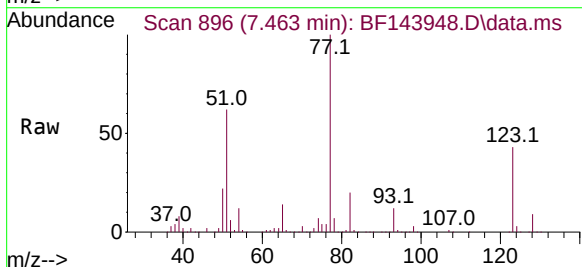
RT: 7.463 min Scan# 896

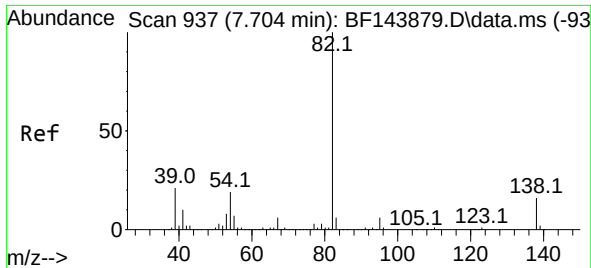
Delta R.T. -0.012 min

Lab File: BF143948.D

Acq: 14 Oct 2025 15:37

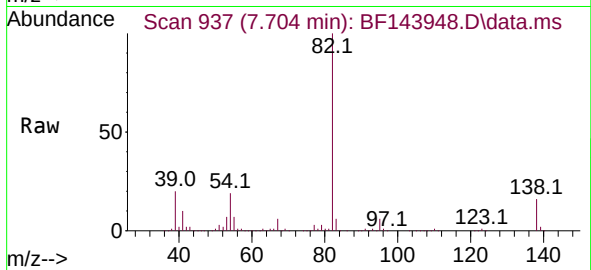
Tgt Ion: 77 Resp: 389825
 Ion Ratio Lower Upper
 77 100
 123 43.0 34.2 51.4
 65 14.0 11.0 16.6





#25
Isophorone
Concen: 44.142 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.017 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

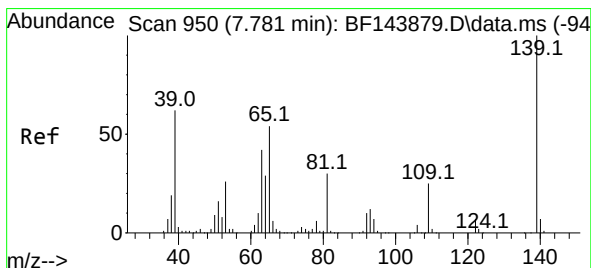
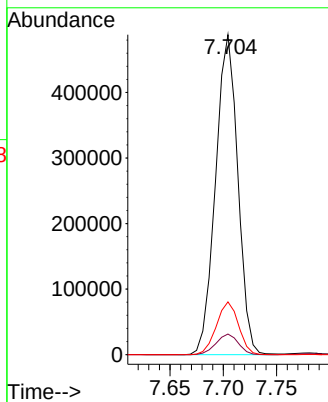
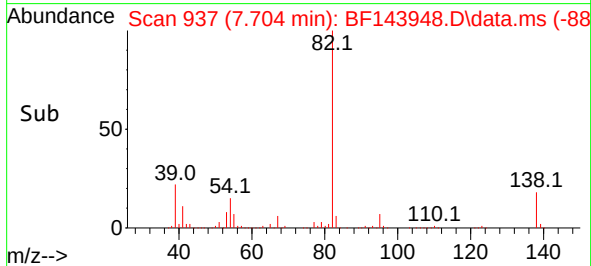
Instrument :
BNA_F
ClientSampleId :
PB170067BS



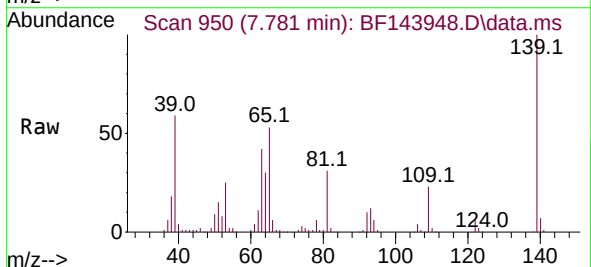
Tgt Ion: 82 Resp: 710540
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 16.5 12.9 19.3

Manual Integrations
APPROVED

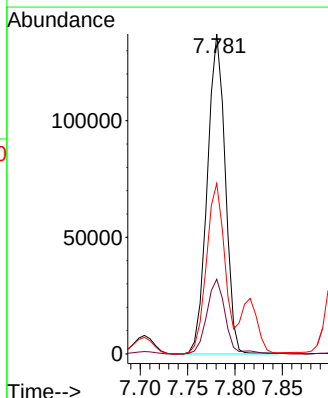
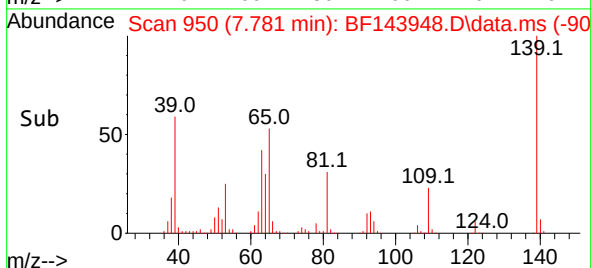
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

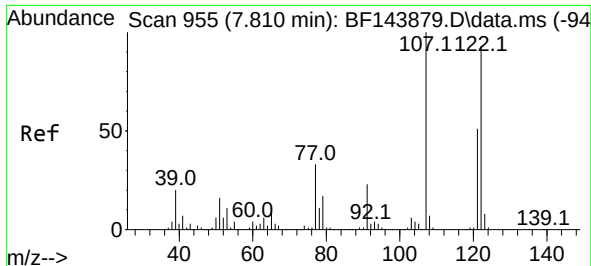


#26
2-Nitrophenol
Concen: 49.813 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:139 Resp: 181051
Ion Ratio Lower Upper
139 100
109 23.3 19.8 29.6
65 53.3 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 48.629 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143948.D

Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

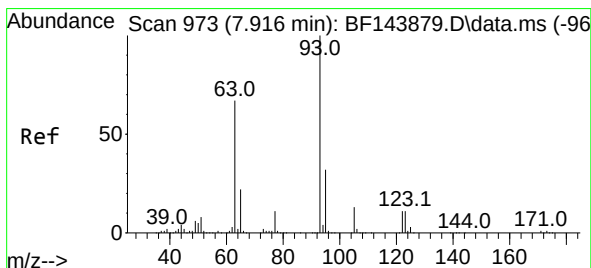
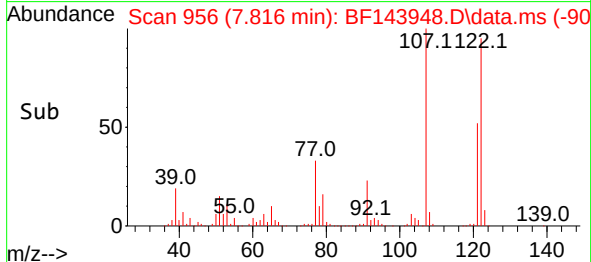
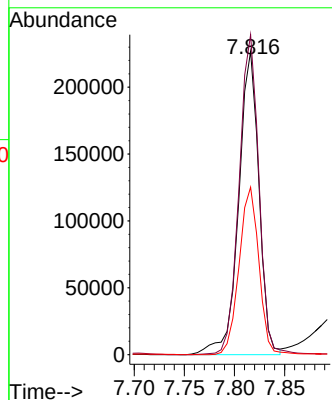
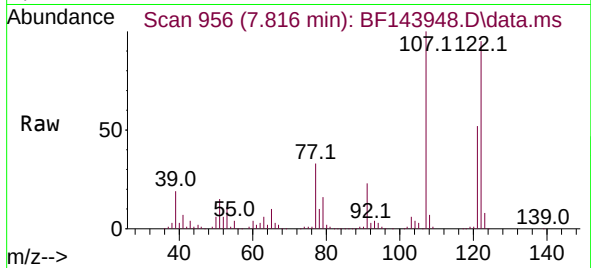
PB170067BS

Tgt Ion:	122	Resp:	31794
Ion	Ratio	Lower	Upper
122	100		
107	105.5	86.1	129.1
121	55.2	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.584 ng

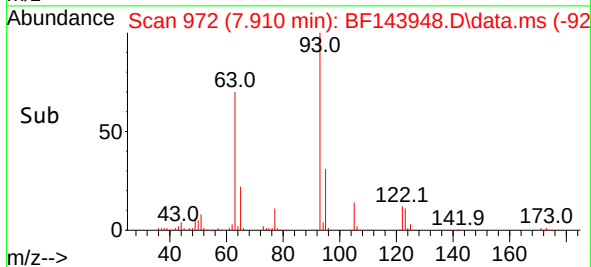
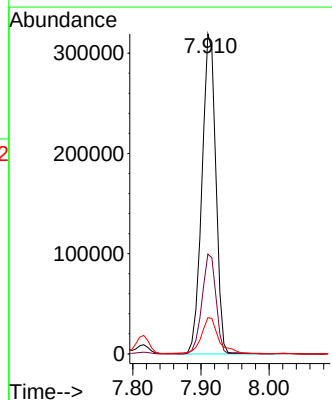
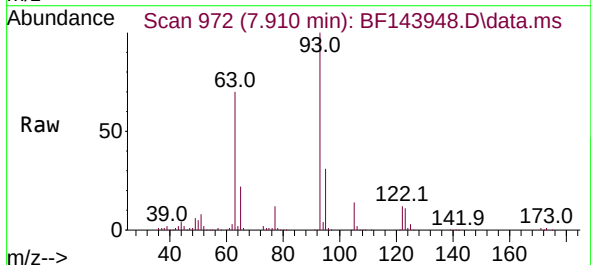
RT: 7.910 min Scan# 972

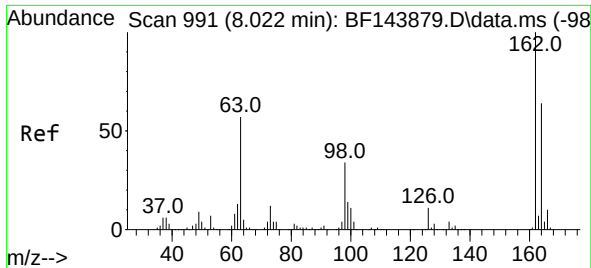
Delta R.T. -0.012 min

Lab File: BF143948.D

Acq: 14 Oct 2025 15:37

Tgt Ion:	93	Resp:	453330
Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.9	38.9
123	11.3	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 43.602 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143948.D

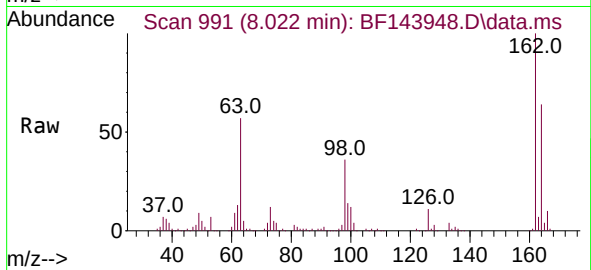
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

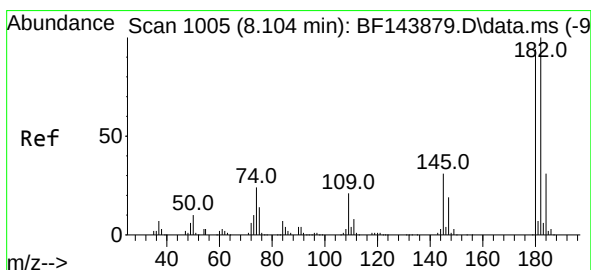
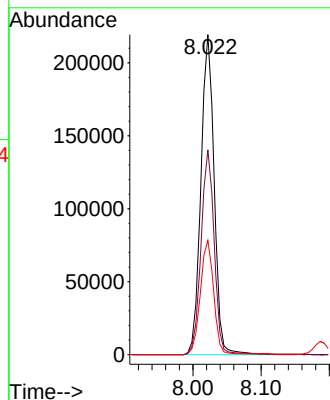
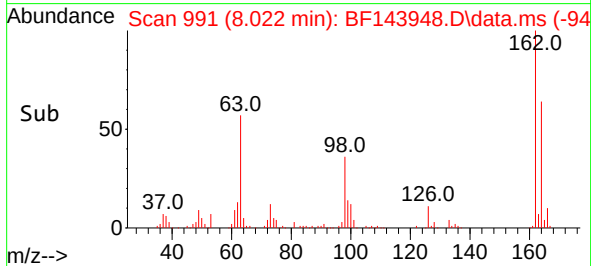


Tgt Ion:162	Resp:	296950
Ion Ratio	Lower	Upper
162	100	
164	64.0	43.9 83.9
98	35.7	14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.424 ng

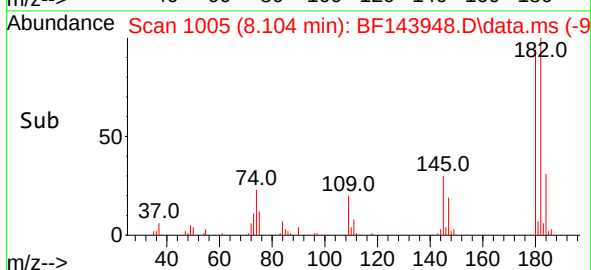
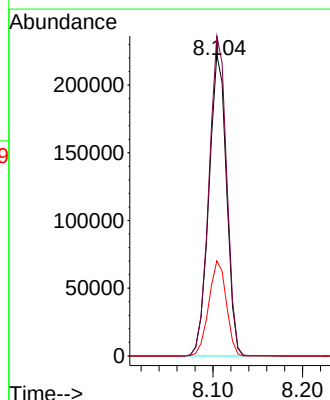
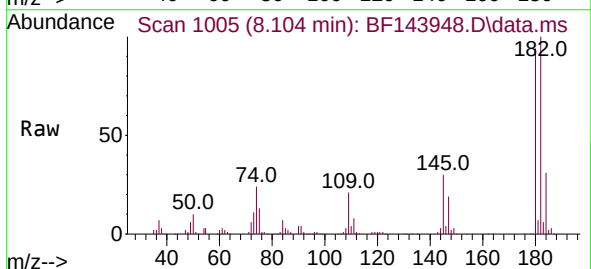
RT: 8.104 min Scan# 1005

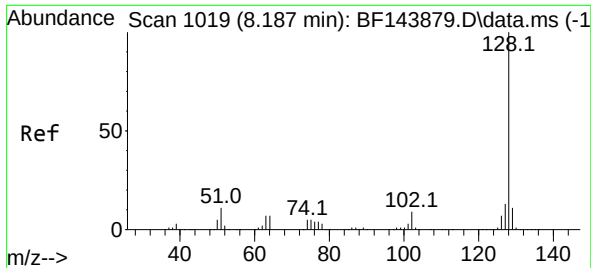
Delta R.T. -0.006 min

Lab File: BF143948.D

Acq: 14 Oct 2025 15:37

Tgt Ion:180	Resp:	304245
Ion Ratio	Lower	Upper
180	100	
182	106.2	85.4 128.0
145	31.6	26.3 39.5





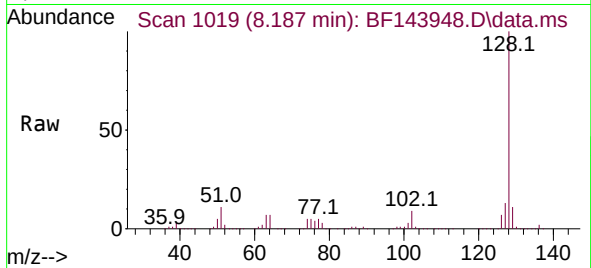
#31
Naphthalene
Concen: 42.372 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

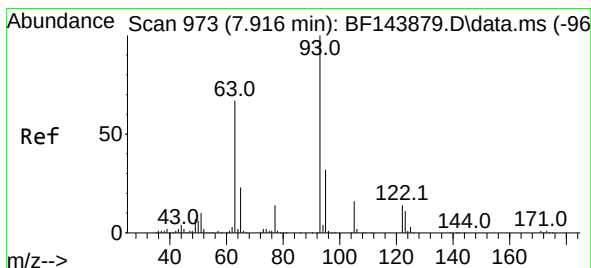
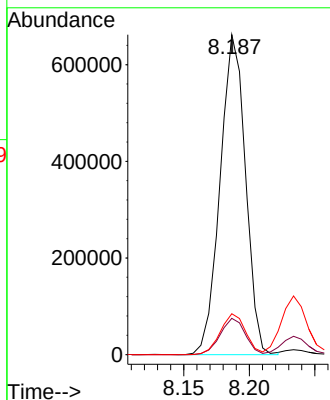
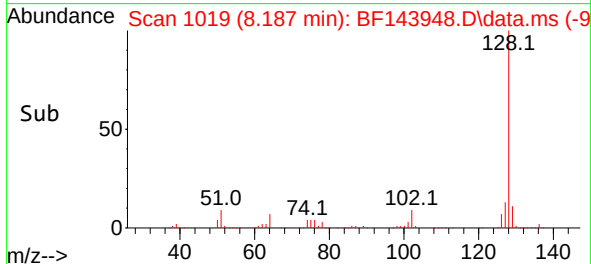


Tgt Ion:128 Resp: 893956
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 12.8 10.0 15.0

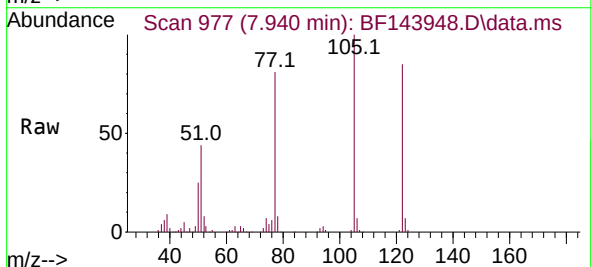
Manual Integrations

APPROVED

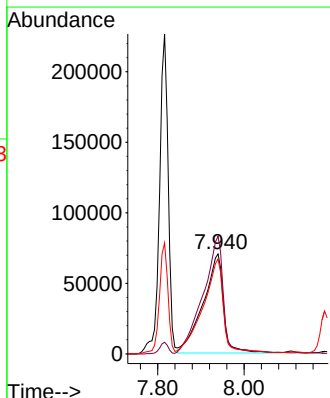
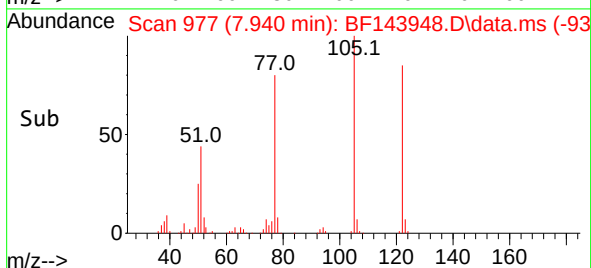
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

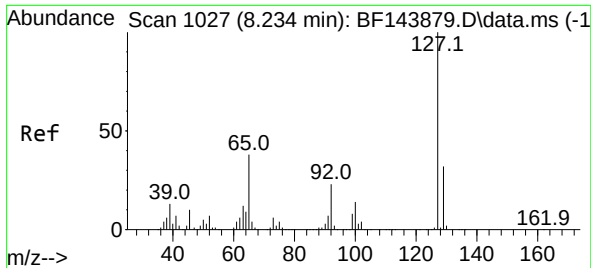


#32
Benzoic acid
Concen: 51.339 ng m
RT: 7.940 min Scan# 977
Delta R.T. -0.023 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:122 Resp: 232305
Ion Ratio Lower Upper
122 100
105 117.8 93.5 133.5
77 94.8 76.3 116.3





#33
4-Chloroaniline
Concen: 21.970 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

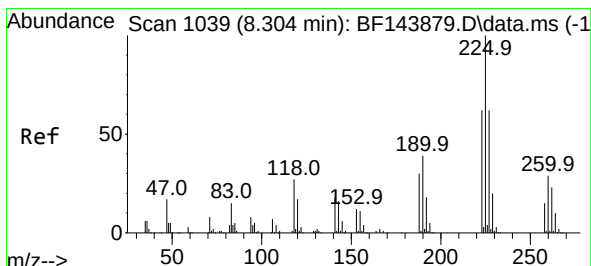
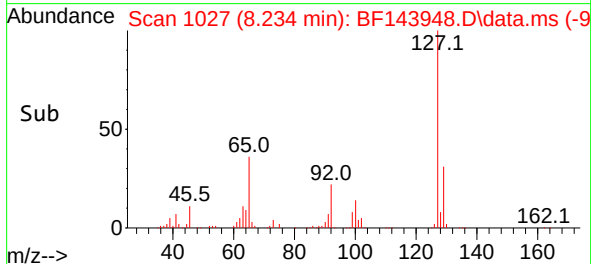
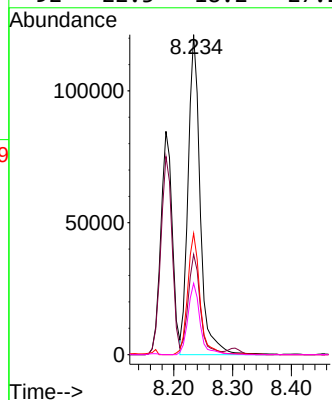
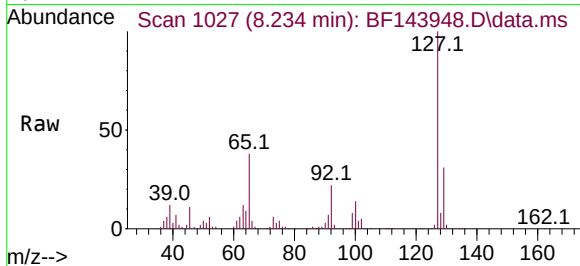
PB170067BS

Tgt Ion:127 Resp: 173845
Ion Ratio Lower Upper
127 100
129 31.3 25.8 38.8
65 37.9 30.0 45.0
92 22.3 18.2 27.2

Manual Integrations

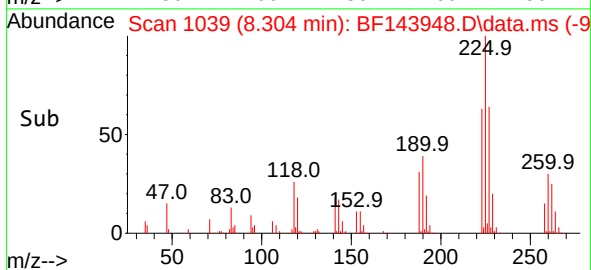
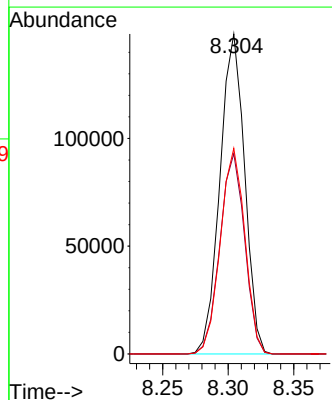
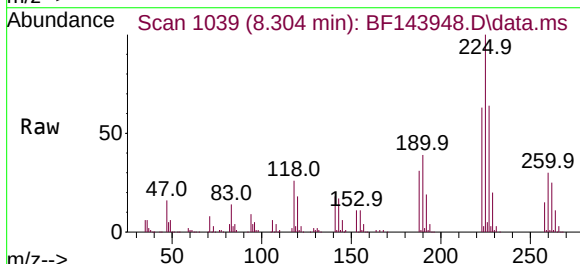
APPROVED

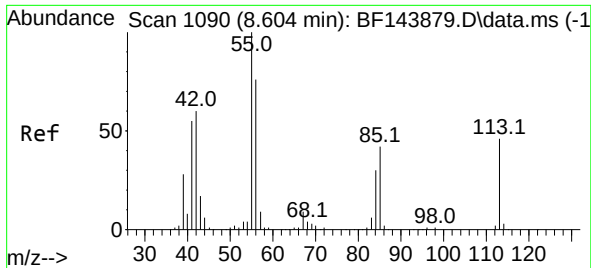
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#34
Hexachlorobutadiene
Concen: 41.807 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

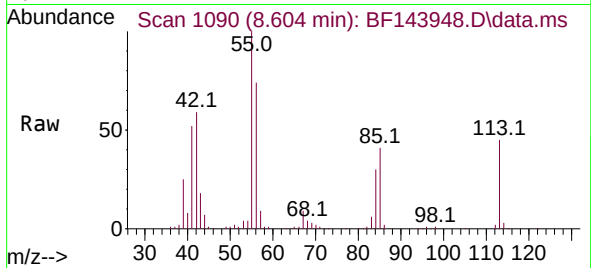
Tgt Ion:225 Resp: 194584
Ion Ratio Lower Upper
225 100
223 62.6 49.4 74.2
227 64.3 49.7 74.5





#35
Caprolactam
Concen: 46.626 ng m
RT: 8.604 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

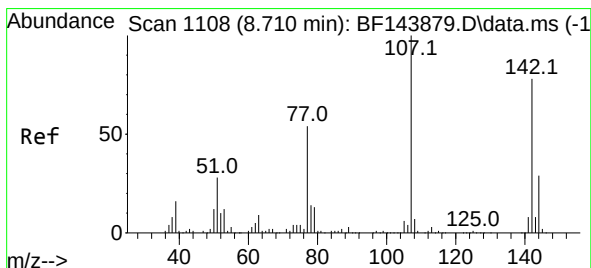
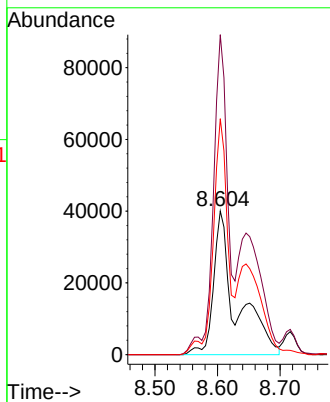
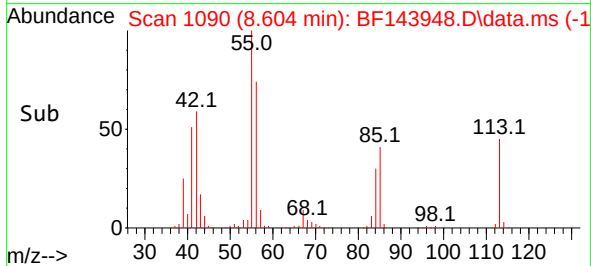
Instrument :
BNA_F
ClientSampleId :
PB170067BS



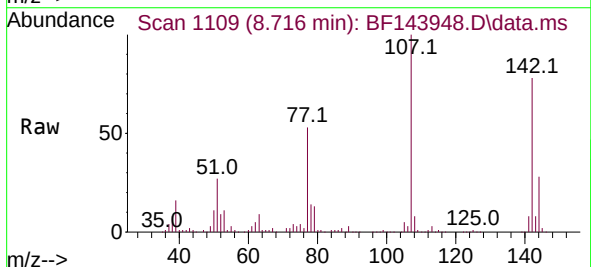
Tgt Ion:113 Resp: 100966
Ion Ratio Lower Upper
113 100
55 222.8 199.6 239.6
56 164.2 146.0 186.0

Manual Integrations
APPROVED

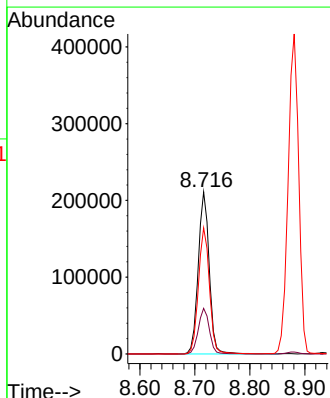
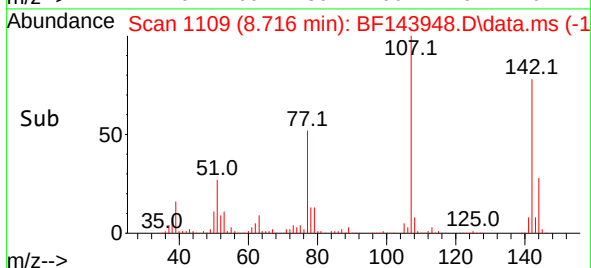
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

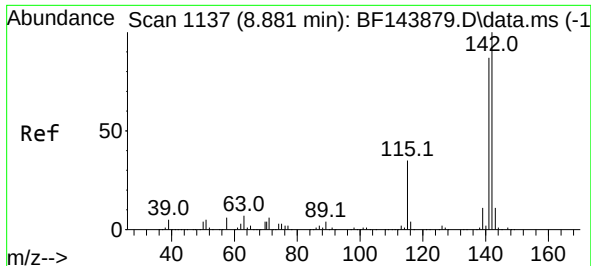


#36
4-Chloro-3-methylphenol
Concen: 44.687 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:107 Resp: 292336
Ion Ratio Lower Upper
107 100
144 28.1 23.1 34.7
142 77.8 62.6 94.0





#37

2-Methylnaphthalene

Concen: 39.615 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143948.D

Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

Tgt Ion:142 Resp: 556742

Ion Ratio Lower Upper

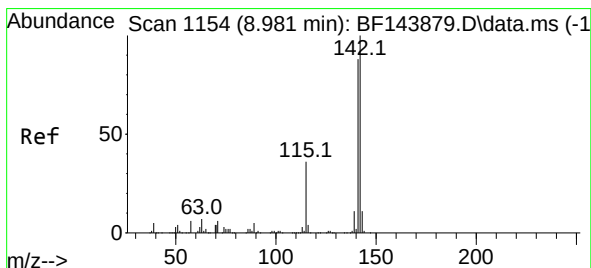
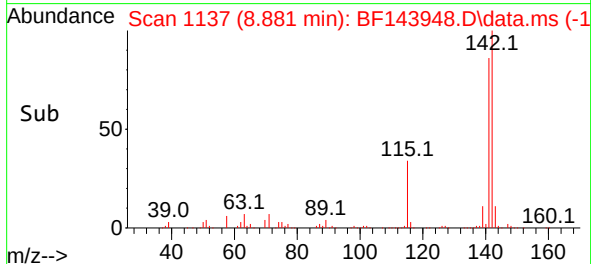
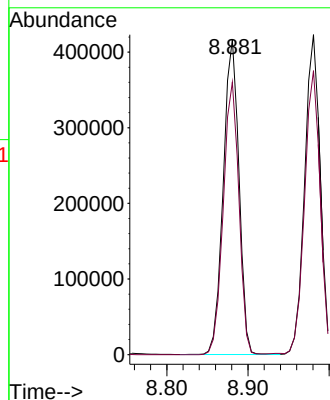
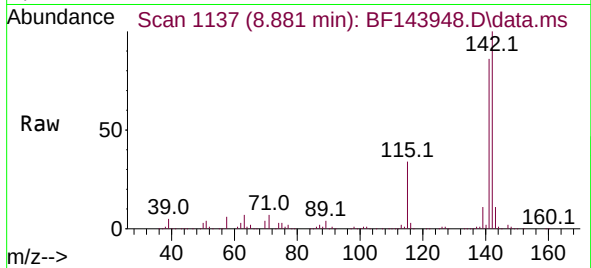
142 100

141 86.4 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#38

1-Methylnaphthalene

Concen: 40.885 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143948.D

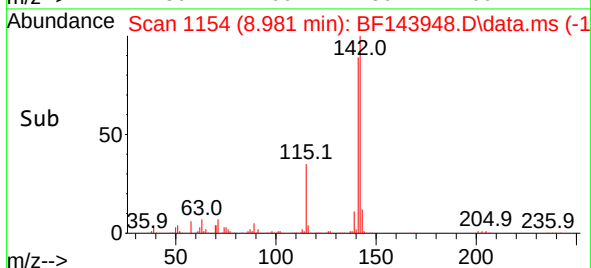
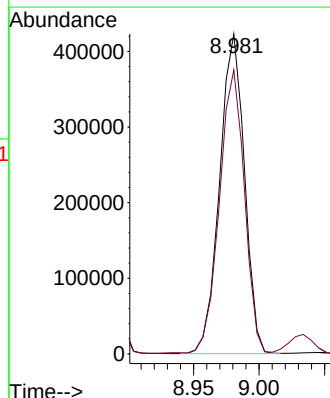
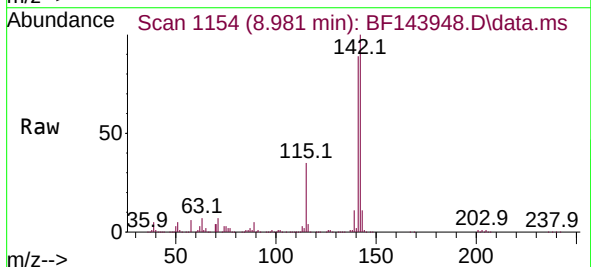
Acq: 14 Oct 2025 15:37

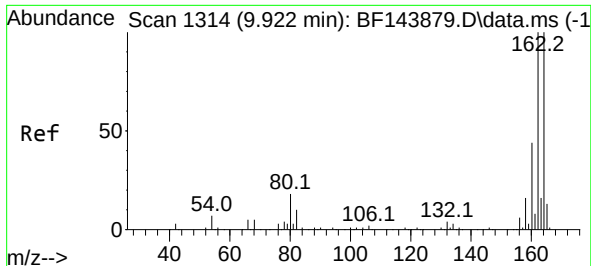
Tgt Ion:142 Resp: 557341

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2





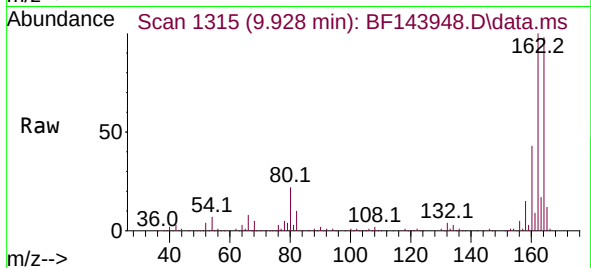
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. 0.001 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

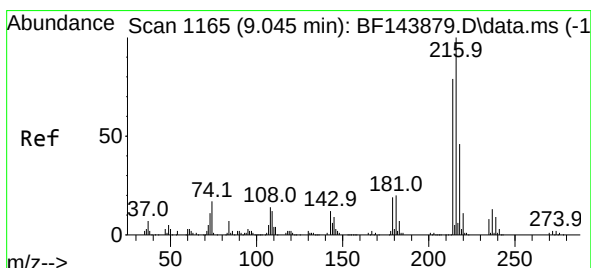
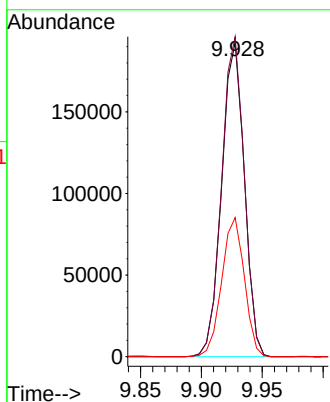
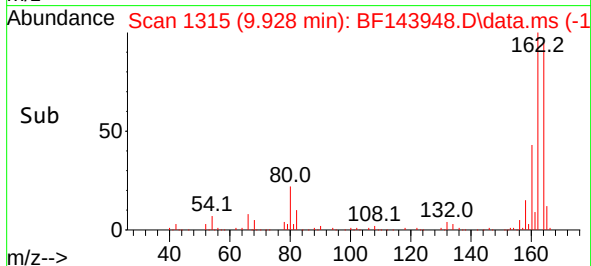


Tgt Ion:164 Resp: 249783
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 44.2 35.4 53.0

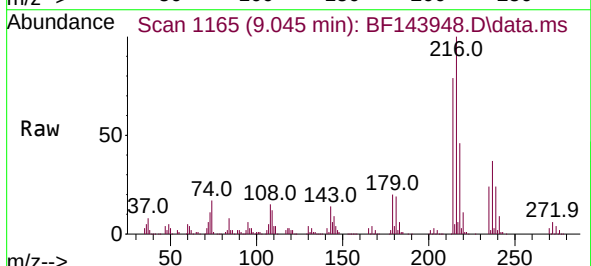
Manual Integrations

APPROVED

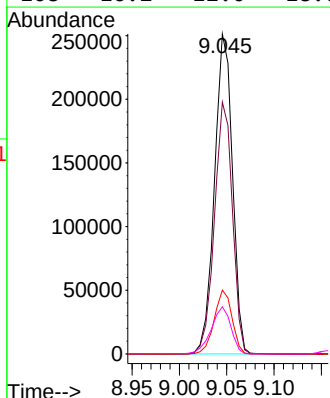
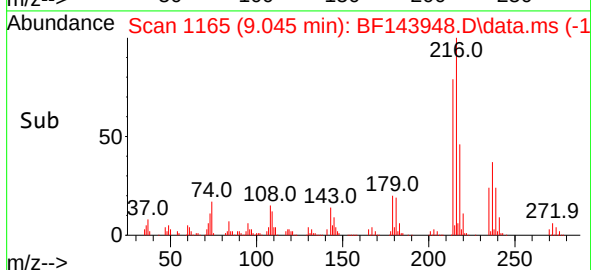
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

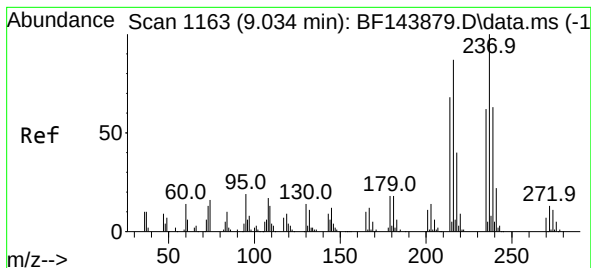


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.909 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:216 Resp: 330746
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
179 19.7 15.4 23.0
108 16.2 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 111.662 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143948.D

Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

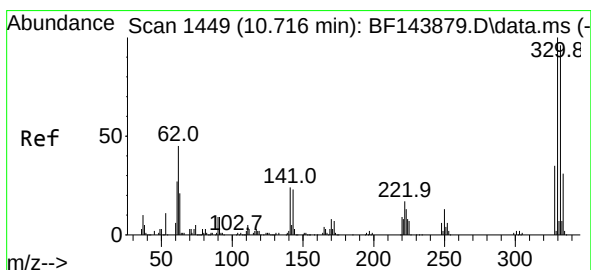
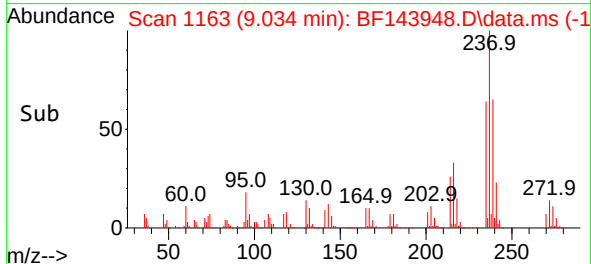
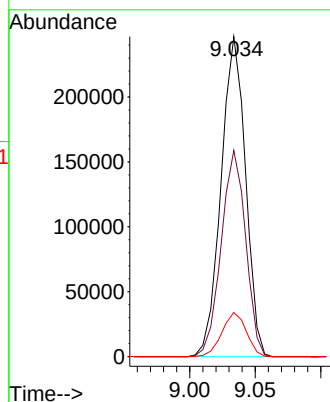
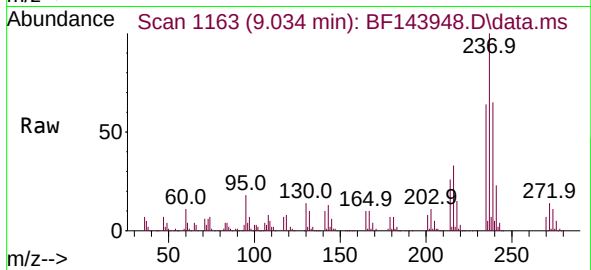
PB170067BS

Tgt Ion:	237	Resp:	319805
Ion Ratio	Lower	Upper	
237	100		
235	64.4	42.3	82.3
272	13.8	0.0	33.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#42

2,4,6-Tribromophenol

Concen: 126.506 ng

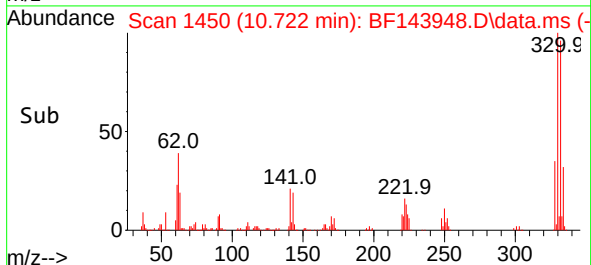
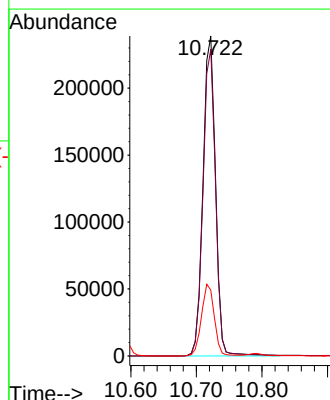
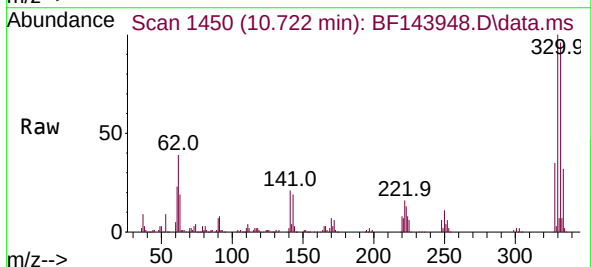
RT: 10.722 min Scan# 1450

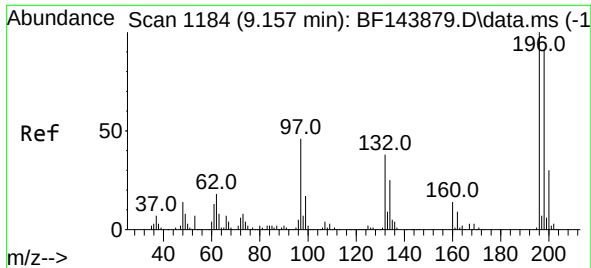
Delta R.T. 0.000 min

Lab File: BF143948.D

Acq: 14 Oct 2025 15:37

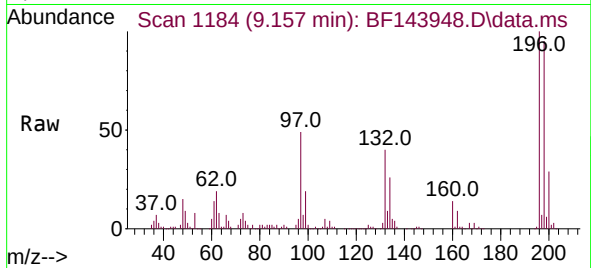
Tgt Ion:	330	Resp:	314732
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.9	115.3
141	22.9	20.2	30.4





#43
2,4,6-Trichlorophenol
Concen: 43.751 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

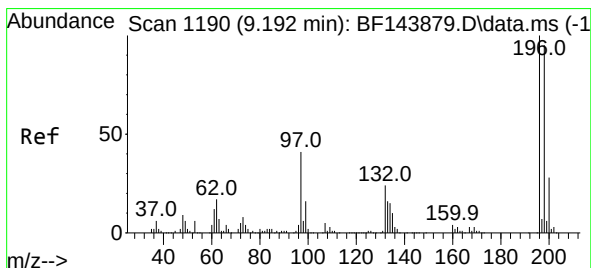
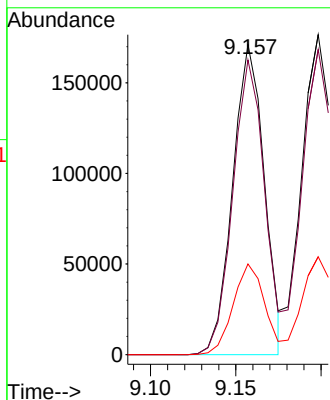
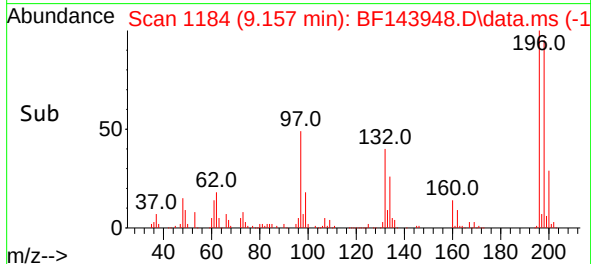
Instrument :
BNA_F
ClientSampleId :
PB170067BS



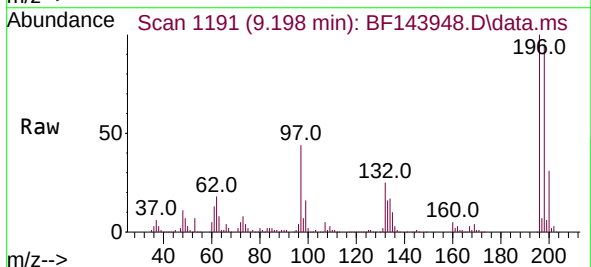
Tgt Ion:196 Resp: 220692
Ion Ratio Lower Upper
196 100
198 95.0 72.8 109.2
200 29.2 24.0 36.0

Manual Integrations
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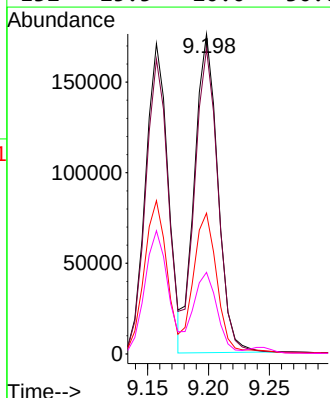
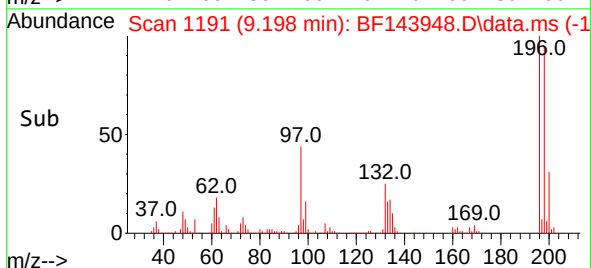
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

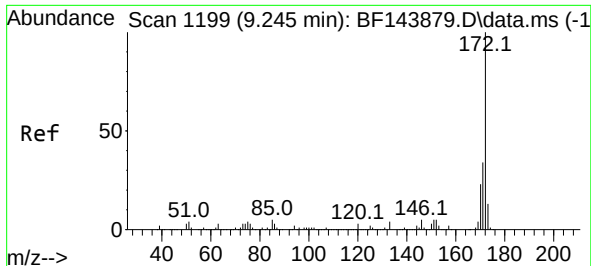


#44
2,4,5-Trichlorophenol
Concen: 43.780 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



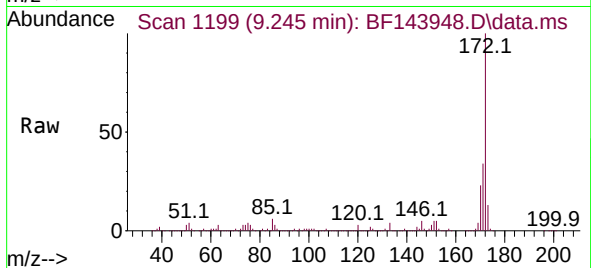
Tgt Ion:196 Resp: 233369
Ion Ratio Lower Upper
196 100
198 95.3 75.5 113.3
97 44.0 33.9 50.9
132 25.5 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 78.802 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

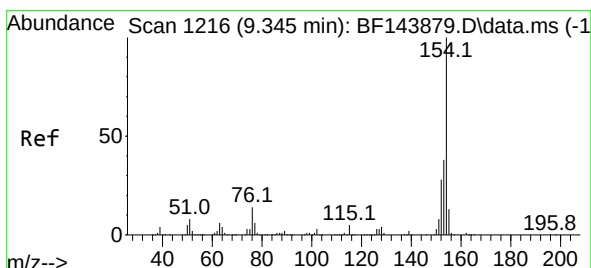
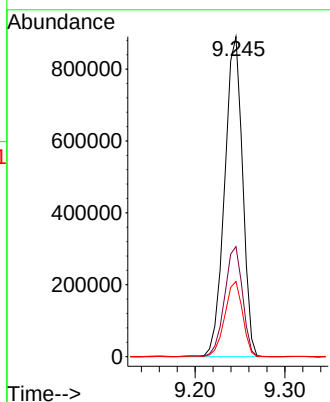
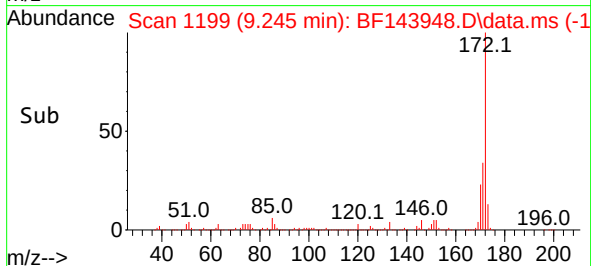
Instrument :
BNA_F
ClientSampleId :
PB170067BS



Tgt Ion:172 Resp: 1240494
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.5 18.6 28.0

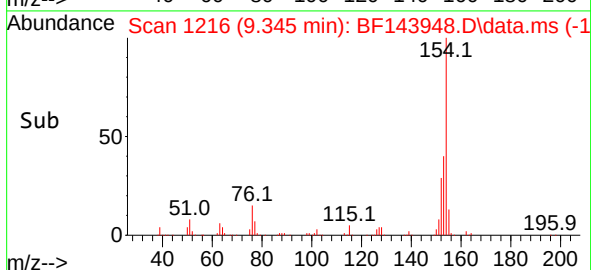
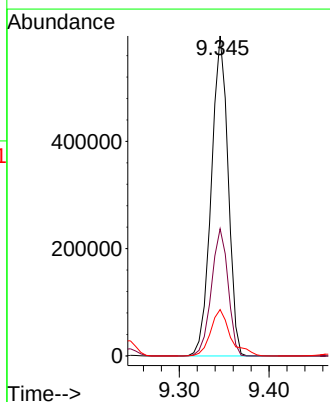
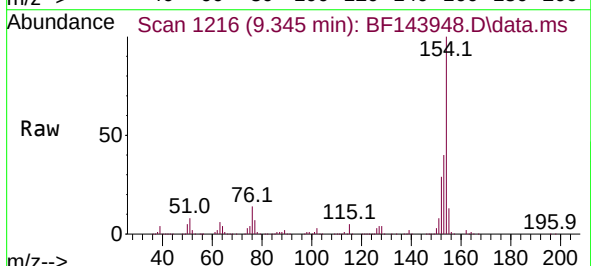
Manual Integrations
APPROVED

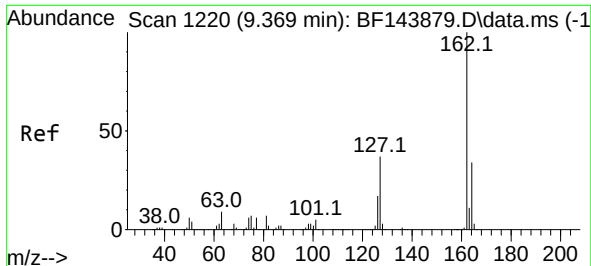
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#46
1,1'-Biphenyl
Concen: 47.169 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Tgt Ion:154 Resp: 780071
Ion Ratio Lower Upper
154 100
153 39.7 18.4 58.4
76 14.5 0.0 34.0





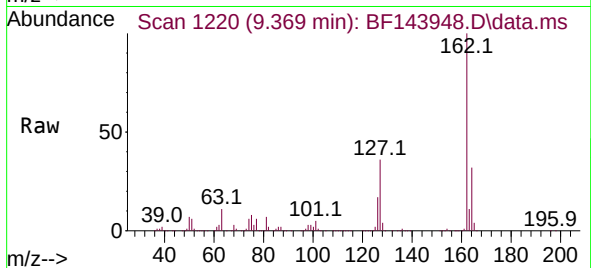
#47
2-Chloronaphthalene
Concen: 43.699 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

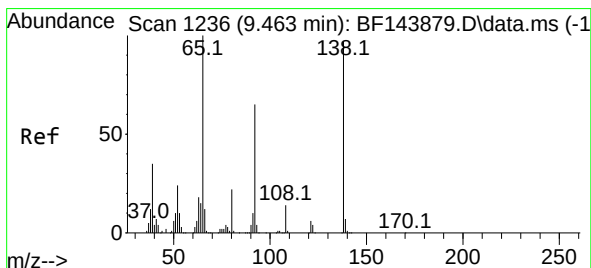
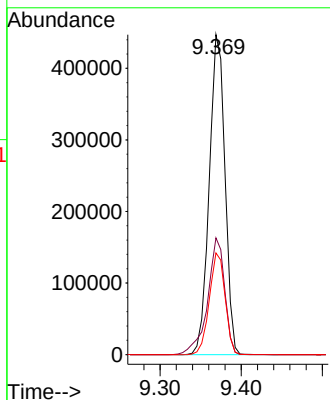
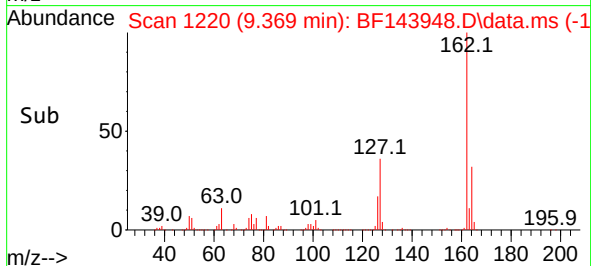


Tgt Ion:162 Resp: 602543
Ion Ratio Lower Upper
162 100
127 36.5 30.2 45.2
164 31.8 26.9 40.3

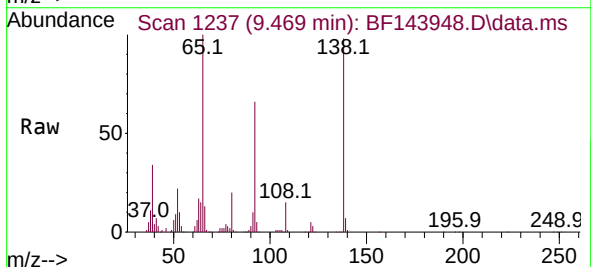
Manual Integrations

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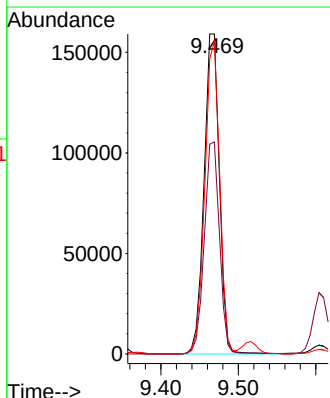
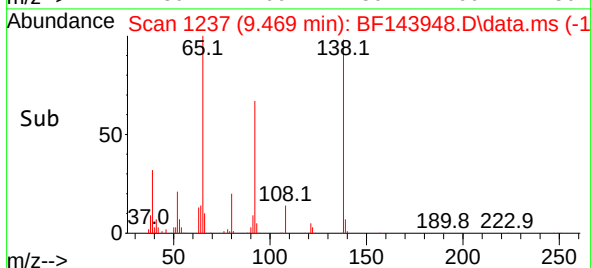
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

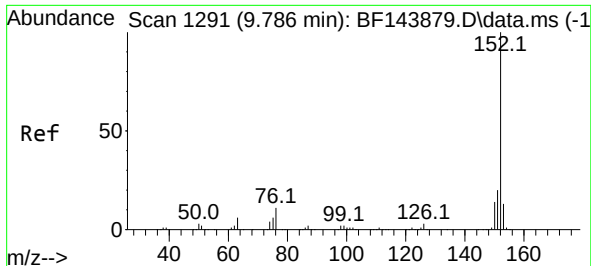


#48
2-Nitroaniline
Concen: 50.038 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



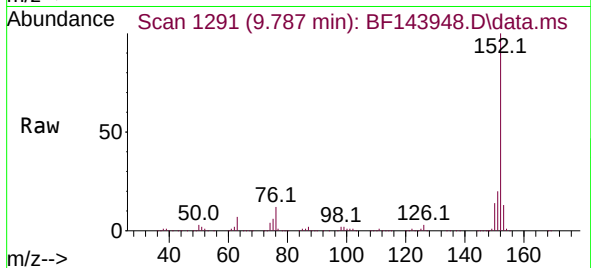
Tgt Ion: 65 Resp: 218133
Ion Ratio Lower Upper
65 100
92 66.2 52.1 78.1
138 97.7 77.4 116.2





#49
Acenaphthylene
Concen: 49.227 ng
RT: 9.787 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

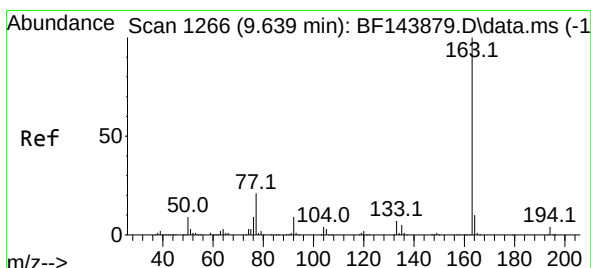
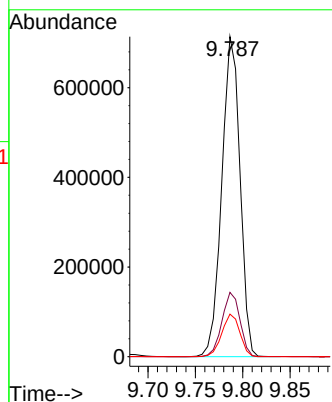
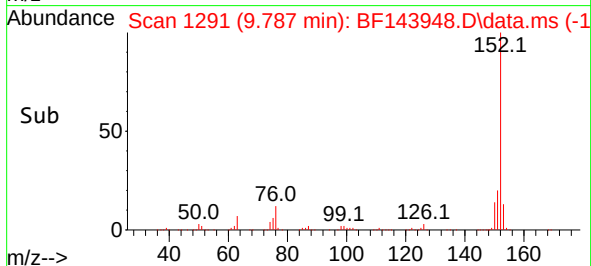
Instrument :
BNA_F
ClientSampleId :
PB170067BS



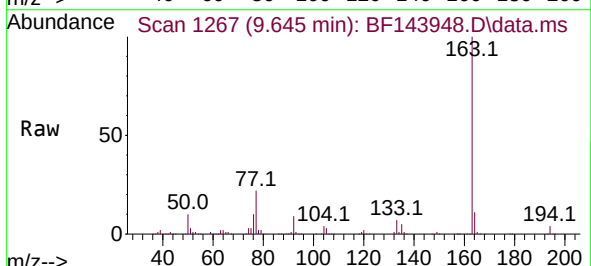
Tgt Ion:152 Resp: 954249
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.3 10.5 15.7

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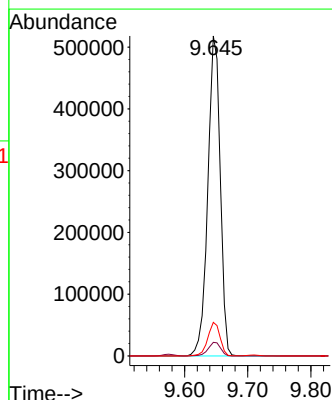
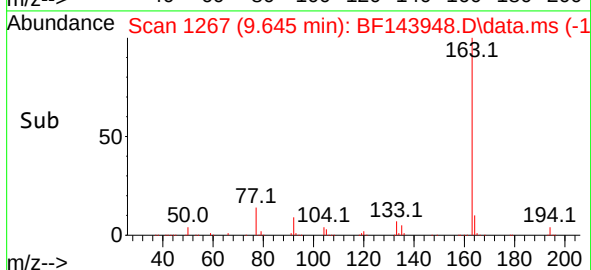
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

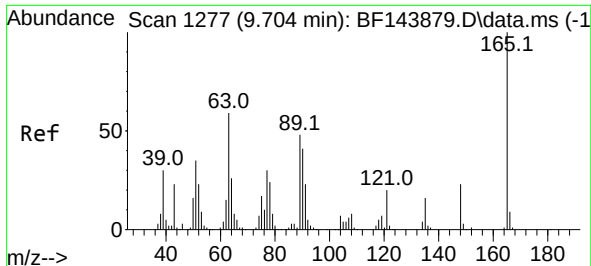


#50
Dimethylphthalate
Concen: 44.517 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:163 Resp: 706134
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 52.349 ng
RT: 9.710 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

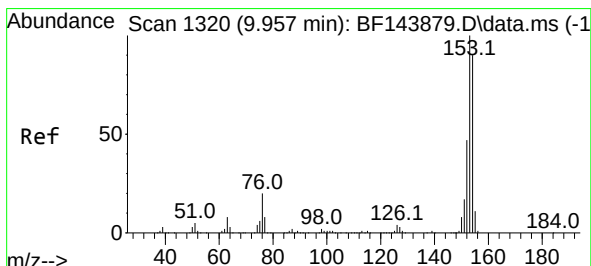
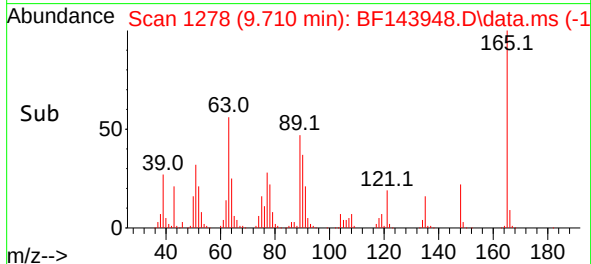
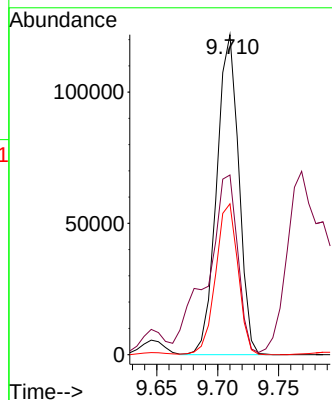
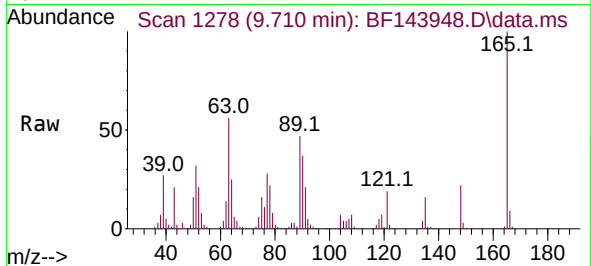
ClientSampleId :

PB170067BS

Tgt Ion:165 Resp: 153972
Ion Ratio Lower Upper
165 100
63 56.1 47.3 70.9
89 47.1 38.2 57.4

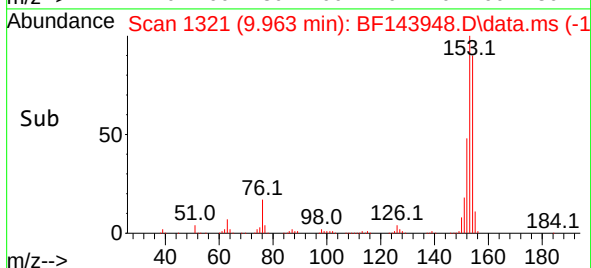
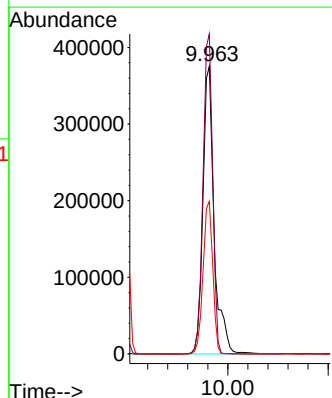
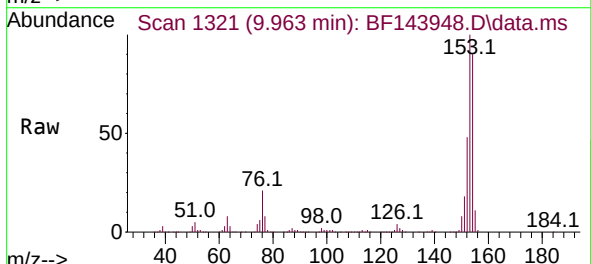
Manual Integrations
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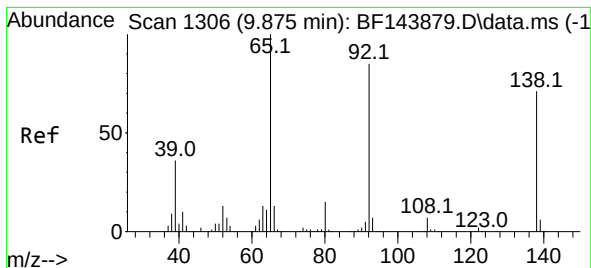
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#52
Acenaphthene
Concen: 45.921 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

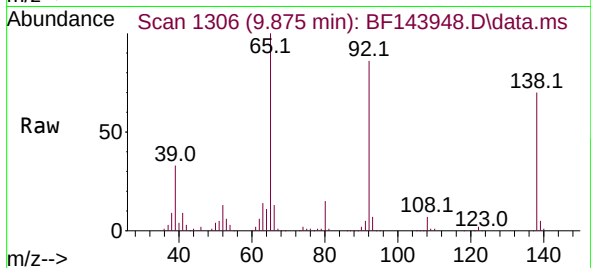
Tgt Ion:154 Resp: 583286
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 53.1 42.2 63.2





#53
3-Nitroaniline
Concen: 32.978 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

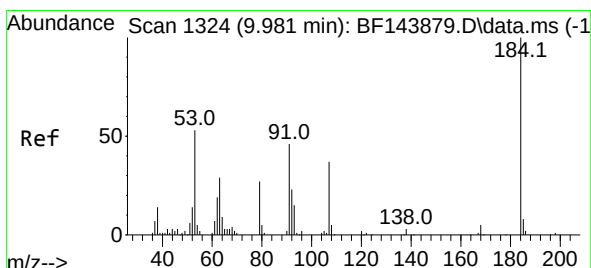
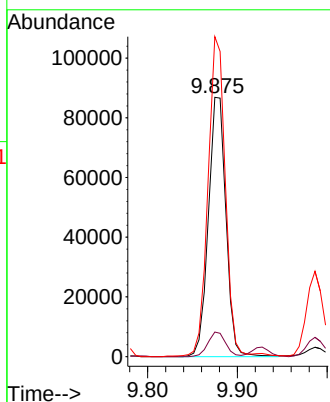
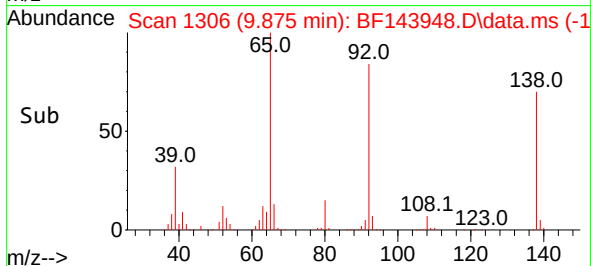
Instrument :
BNA_F
ClientSampleId :
PB170067BS



Tgt Ion:138 Resp: 118776
Ion Ratio Lower Upper
138 100
108 9.5 8.3 12.5
92 123.4 96.2 144.2

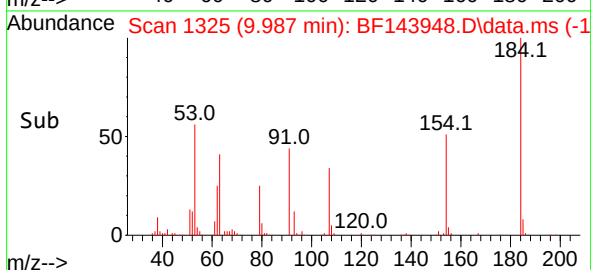
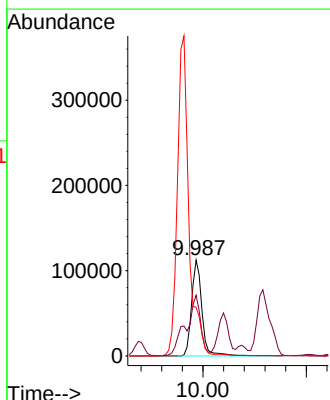
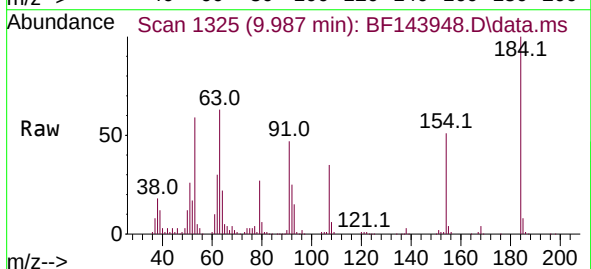
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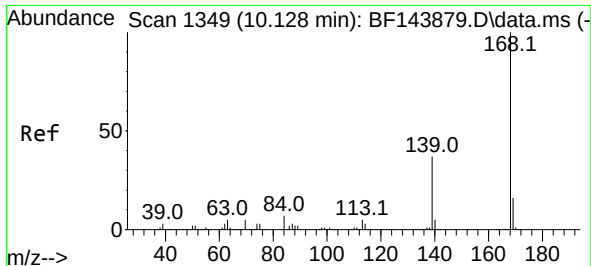
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#54
2,4-Dinitrophenol
Concen: 85.449 ng
RT: 9.987 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

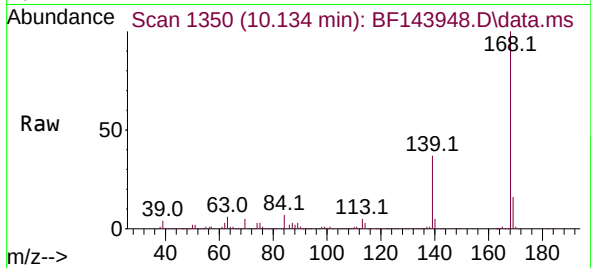
Tgt Ion:184 Resp: 155971
Ion Ratio Lower Upper
184 100
63 63.1 48.2 72.4
154 50.7 49.2 73.8





#55
Dibenzenofuran
Concen: 43.566 ng
RT: 10.134 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

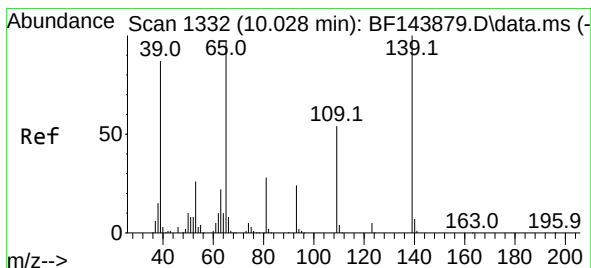
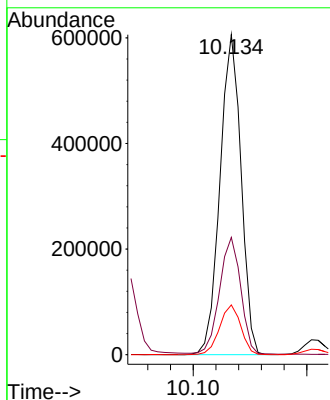
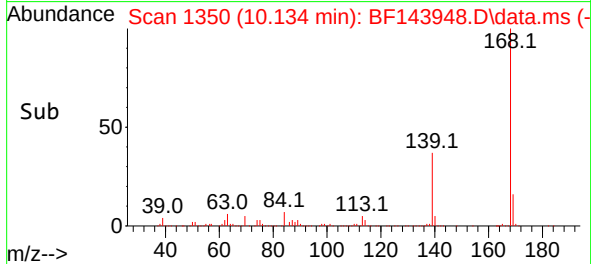
Instrument :
BNA_F
ClientSampleId :
PB170067BS



Tgt Ion:168 Resp: 78115
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.8
169 15.5 12.8 19.2

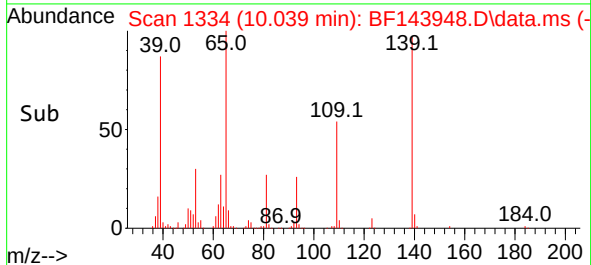
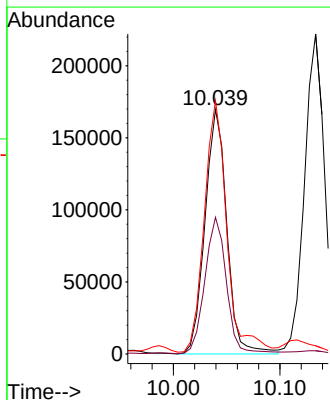
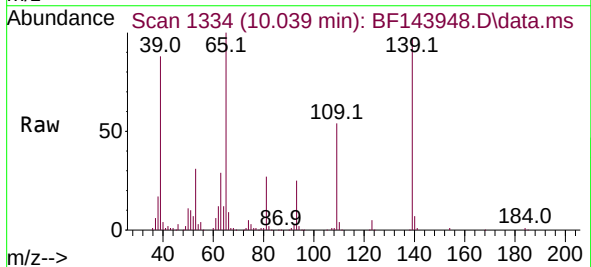
Manual Integrations
APPROVED

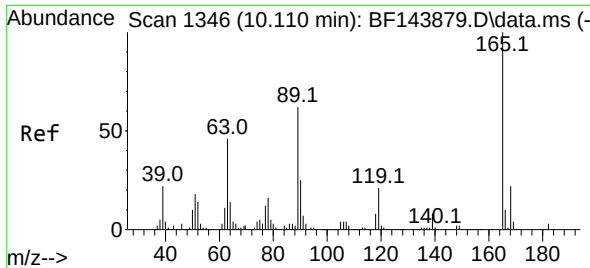
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#56
4-Nitrophenol
Concen: 88.741 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Tgt Ion:139 Resp: 241994
Ion Ratio Lower Upper
139 100
109 55.9 34.5 74.5
65 103.6 77.6 117.6





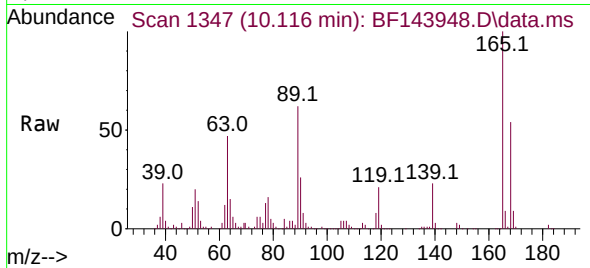
#57
2,4-Dinitrotoluene
Concen: 52.528 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

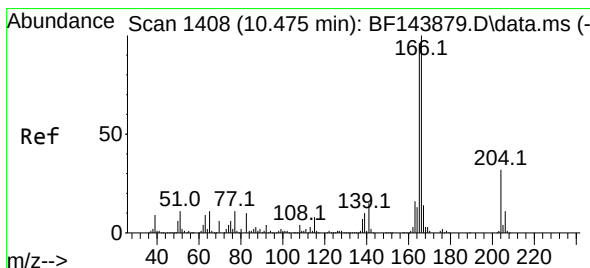
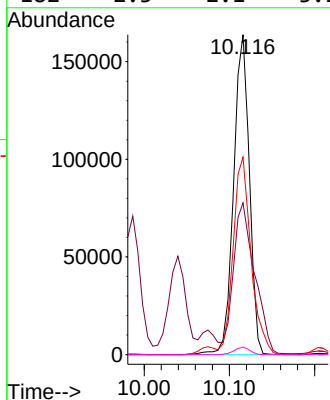
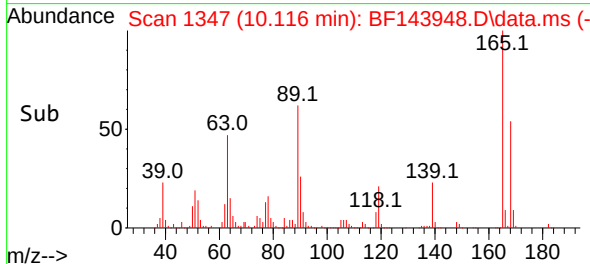


Tgt Ion:165 Resp: 210223
Ion Ratio Lower Upper
165 100
63 47.4 37.2 55.8
89 61.7 49.4 74.2
182 2.3 2.1 3.1

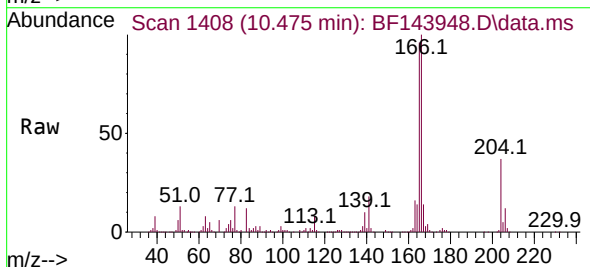
Manual Integrations

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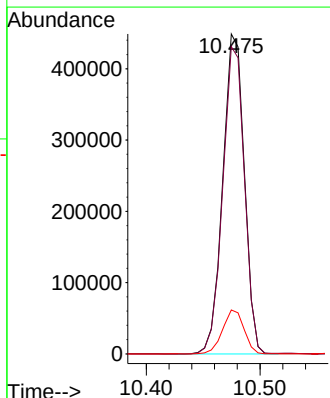
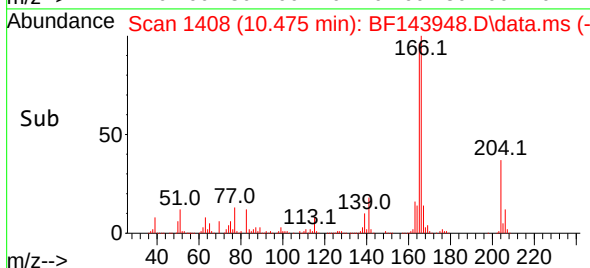
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

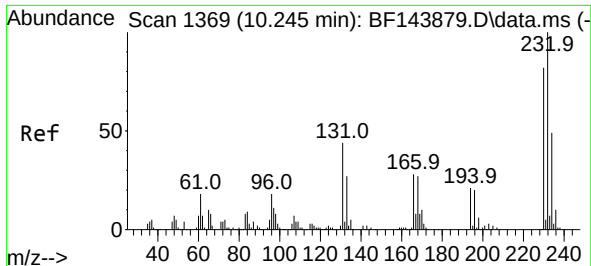


#58
Fluorene
Concen: 43.663 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



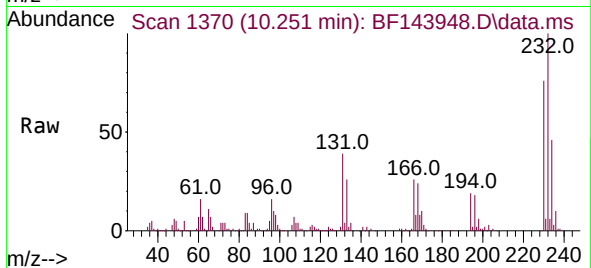
Tgt Ion:166 Resp: 590746
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.6
167 13.7 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.265 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

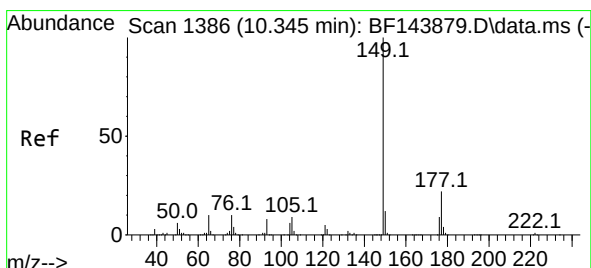
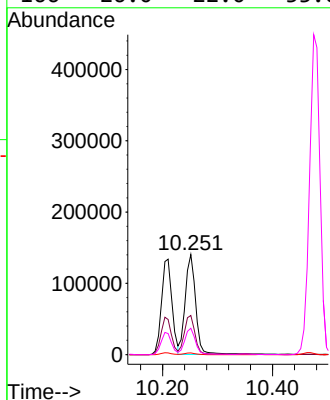
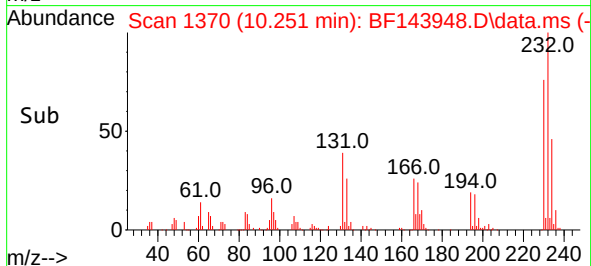
Instrument :
BNA_F
ClientSampleId :
PB170067BS



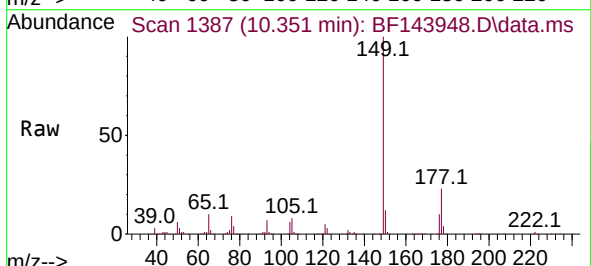
Tgt Ion:232 Resp: 185895
Ion Ratio Lower Upper
232 100
131 40.1 34.9 52.3
130 1.7 1.6 2.4
166 26.0 22.0 33.0

Manual Integrations
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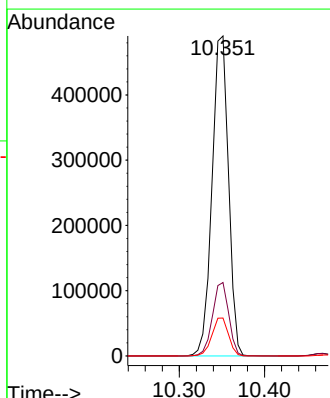
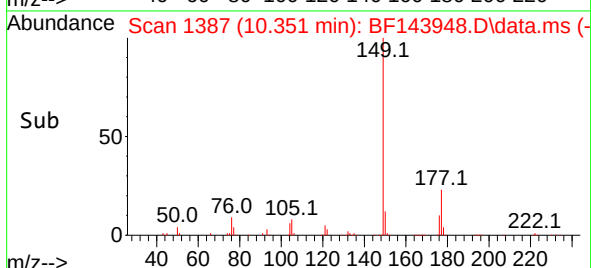
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

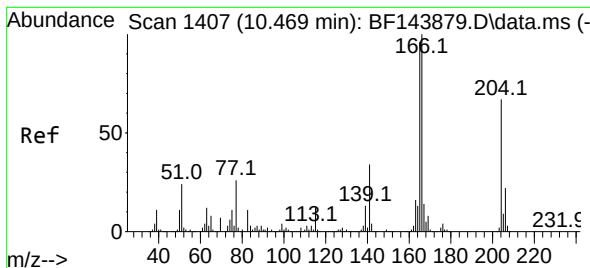


#60
Diethylphthalate
Concen: 44.578 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



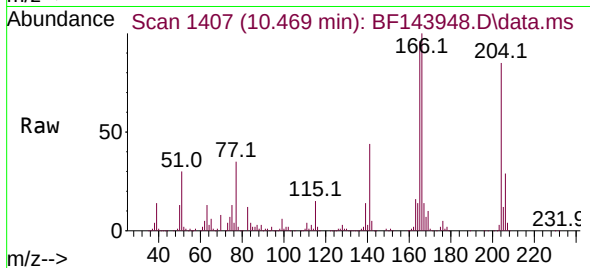
Tgt Ion:149 Resp: 656919
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 11.8 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.475 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

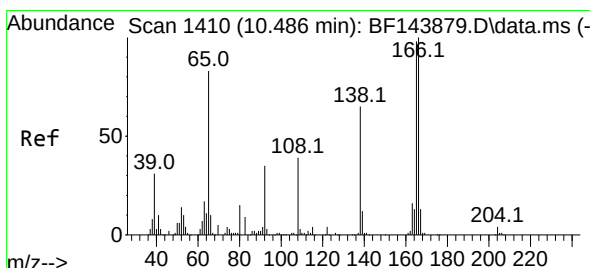
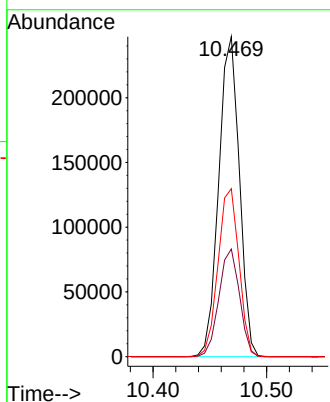
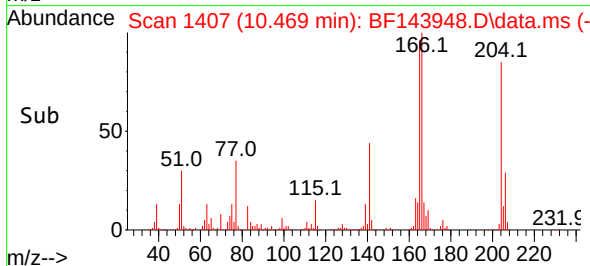
Instrument :
BNA_F
ClientSampleId :
PB170067BS



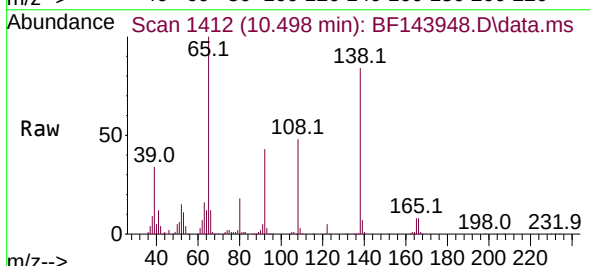
Tgt Ion:204 Resp: 310983
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 52.5 40.4 60.6

Manual Integrations
APPROVED

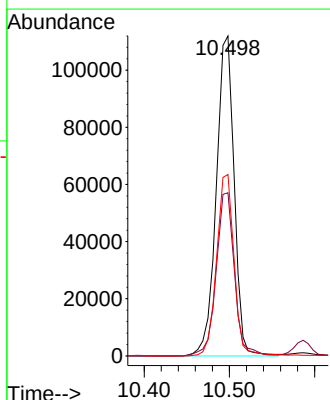
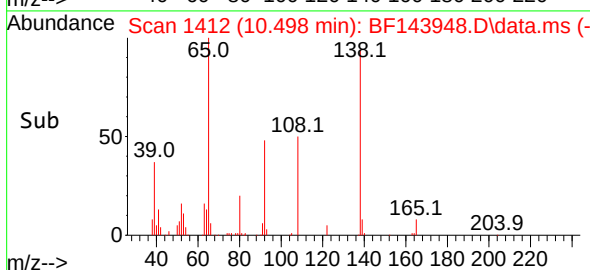
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

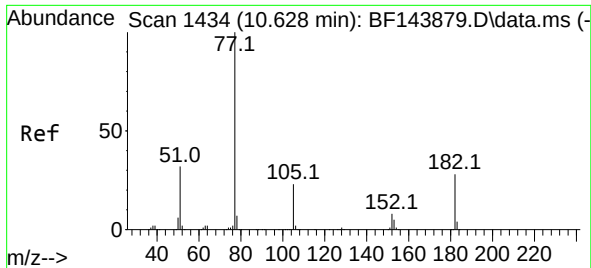


#62
4-Nitroaniline
Concen: 47.127 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



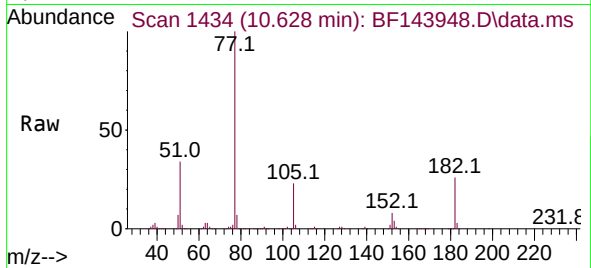
Tgt Ion:138 Resp: 163217
Ion Ratio Lower Upper
138 100
92 51.0 33.9 73.9
108 56.7 40.2 80.2





#63
Azobenzene
Concen: 45.764 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

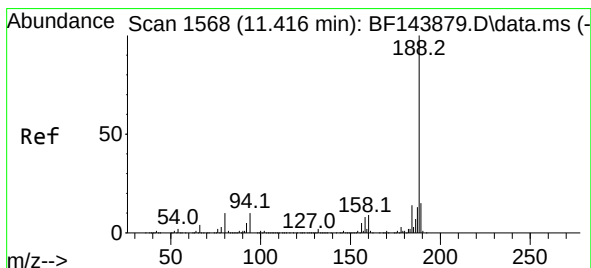
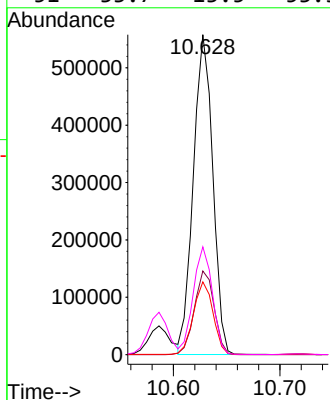
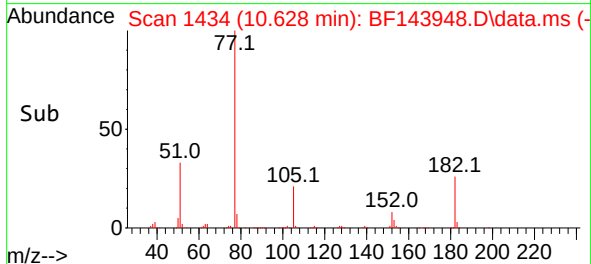
Instrument :
BNA_F
ClientSampleId :
PB170067BS



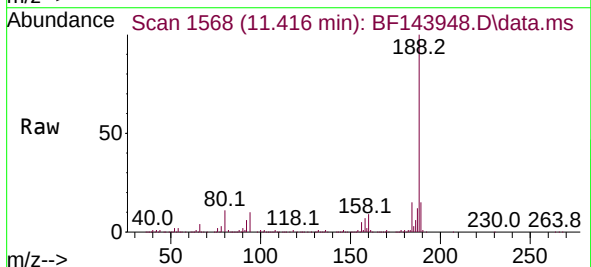
Tgt Ion: 77 Resp: 704833
Ion Ratio Lower Upper
77 100
182 26.1 7.3 47.3
105 22.7 3.0 43.0
51 33.7 13.5 53.5

Manual Integrations
APPROVED

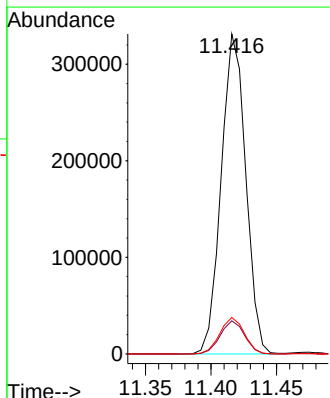
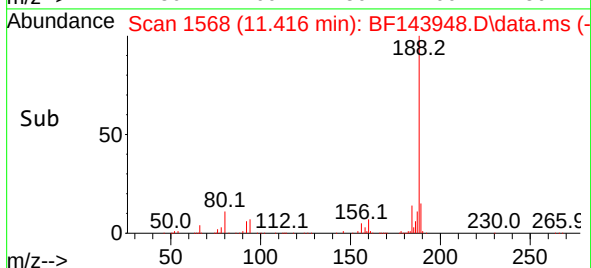
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

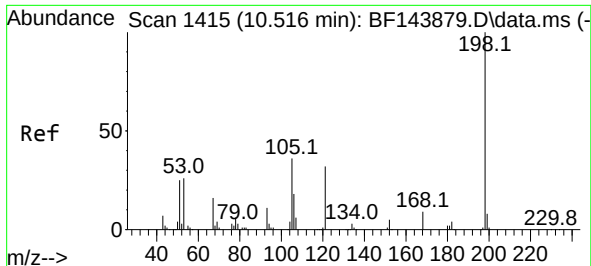


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:188 Resp: 432264
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.4 7.9 11.9





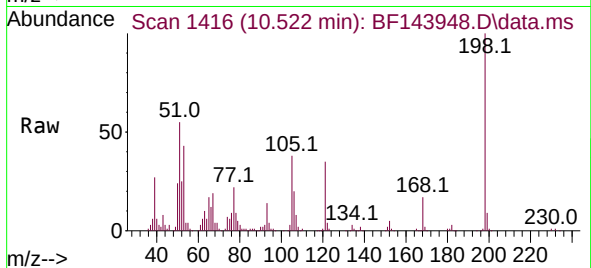
#65
4,6-Dinitro-2-methylphenol
Concen: 53.295 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

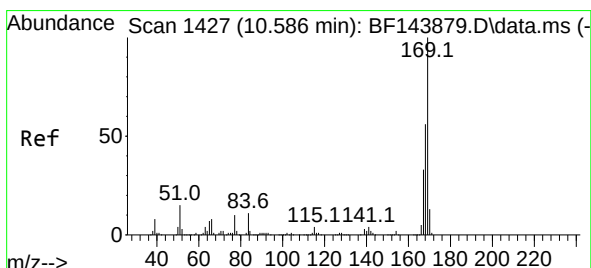
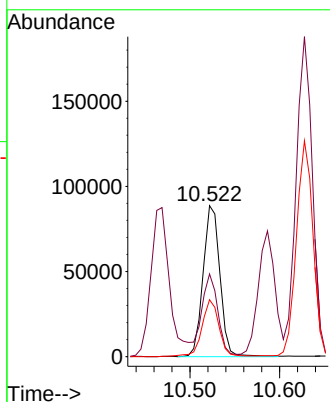
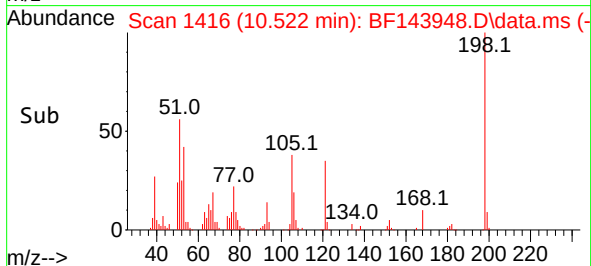


Tgt Ion:198 Resp: 115770
Ion Ratio Lower Upper
198 100
51 54.8 33.8 73.8
105 37.7 17.0 57.0

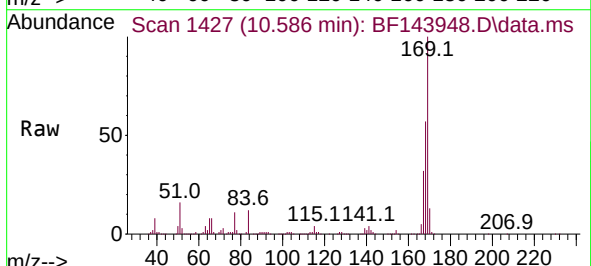
Manual Integrations

APPROVED

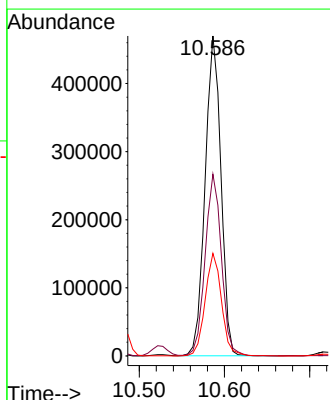
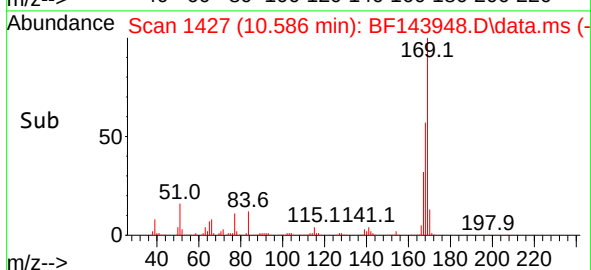
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

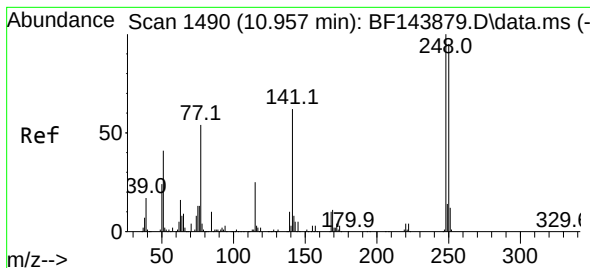


#66
n-Nitrosodiphenylamine
Concen: 44.613 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



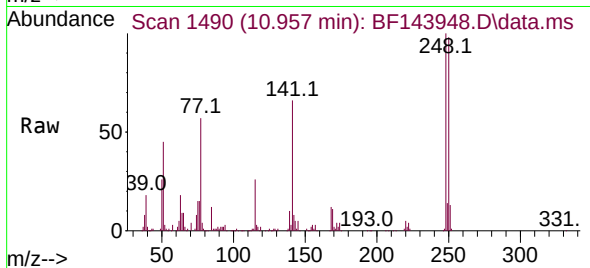
Tgt Ion:169 Resp: 605515
Ion Ratio Lower Upper
169 100
168 56.8 44.9 67.3
167 32.0 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 42.255 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

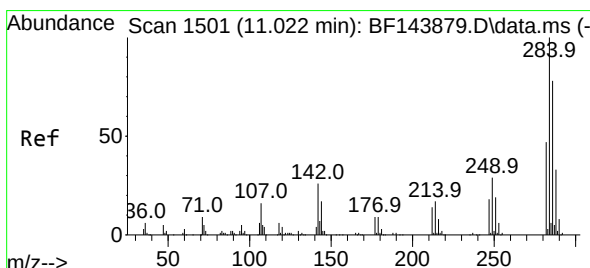
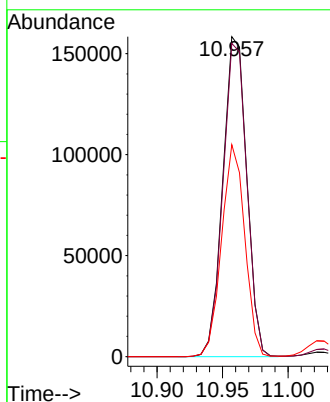
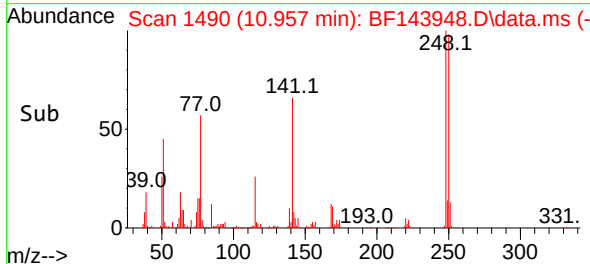
Instrument :
BNA_F
ClientSampleId :
PB170067BS



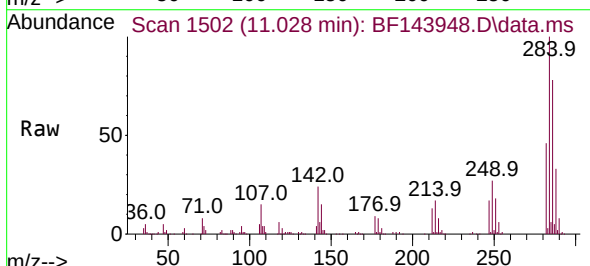
Tgt Ion:248 Resp: 201860
Ion Ratio Lower Upper
248 100
250 97.9 76.3 114.5
141 66.2 49.7 74.5

Manual Integrations
APPROVED

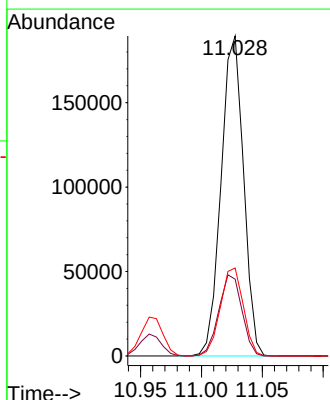
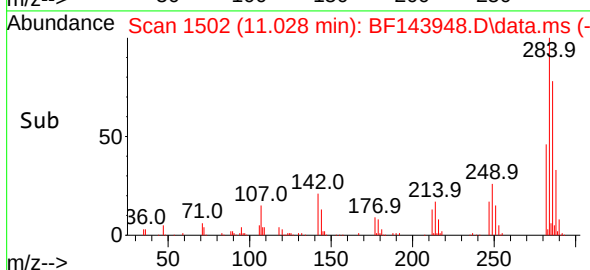
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

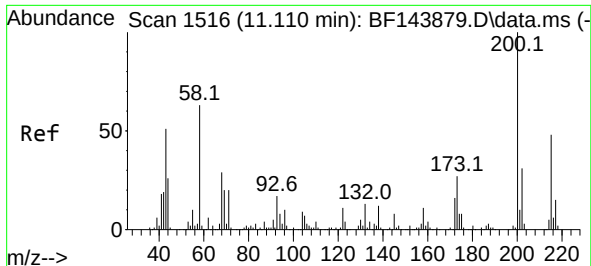


#68
Hexachlorobenzene
Concen: 43.960 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



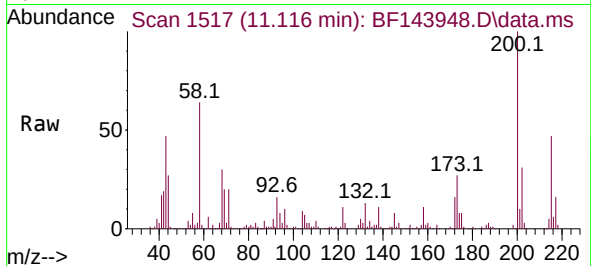
Tgt Ion:284 Resp: 243126
Ion Ratio Lower Upper
284 100
142 24.0 20.6 30.8
249 27.5 23.2 34.8





#69
Atrazine
Concen: 47.861 ng
RT: 11.116 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

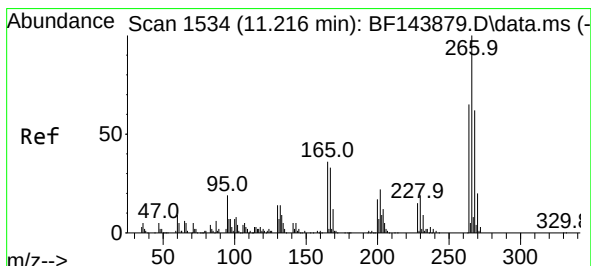
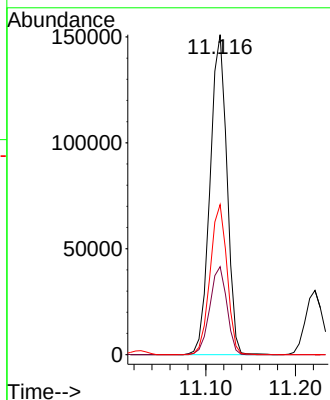
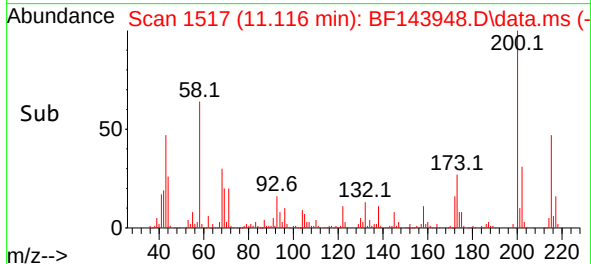
Instrument :
BNA_F
ClientSampleId :
PB170067BS



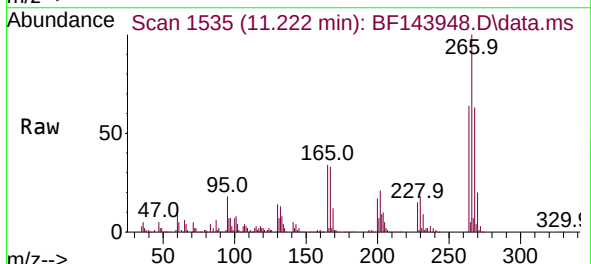
Tgt Ion:200 Resp: 196890
Ion Ratio Lower Upper
200 100
173 27.5 7.0 47.0
215 46.9 27.8 67.8

Manual Integrations
APPROVED

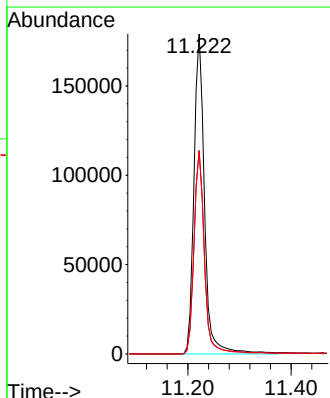
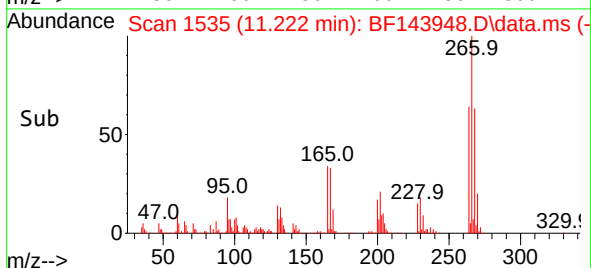
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

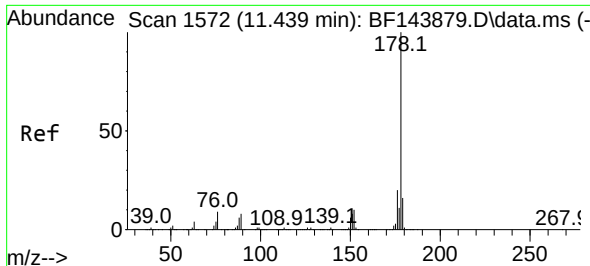


#70
Pentachlorophenol
Concen: 80.066 ng
RT: 11.222 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



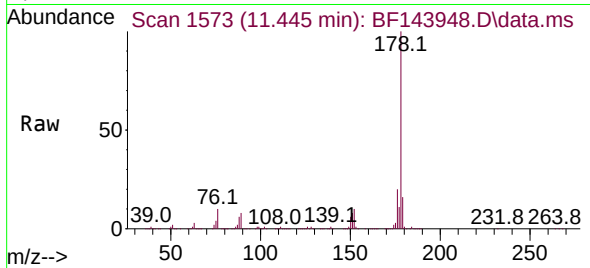
Tgt Ion:266 Resp: 254320
Ion Ratio Lower Upper
266 100
268 63.5 49.4 74.0
264 63.6 51.8 77.6





#71
Phenanthrene
Concen: 42.611 ng
RT: 11.445 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

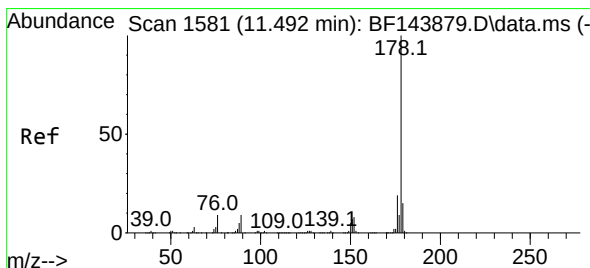
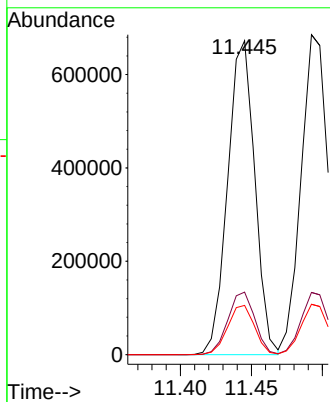
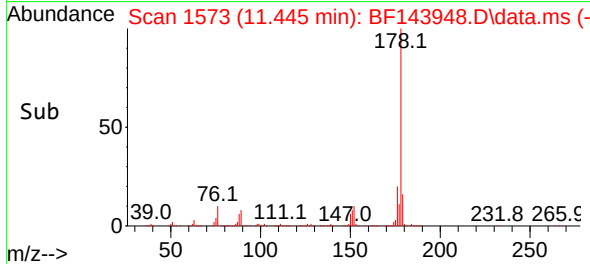
Instrument :
BNA_F
ClientSampleId :
PB170067BS



Tgt Ion:178 Resp: 892973
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.7 12.4 18.6

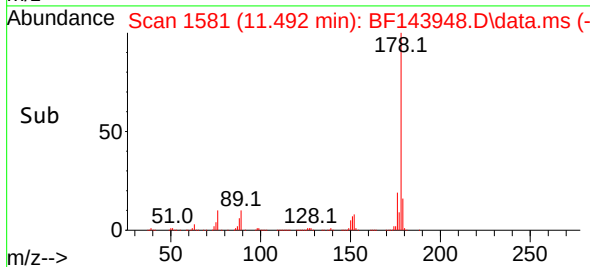
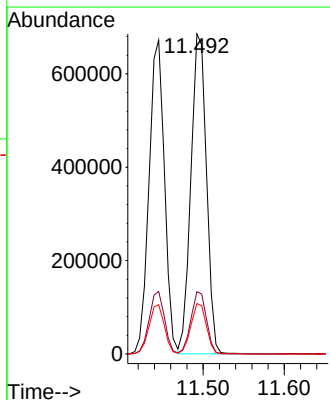
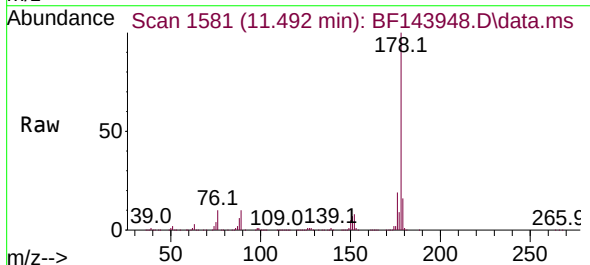
Manual Integrations
APPROVED

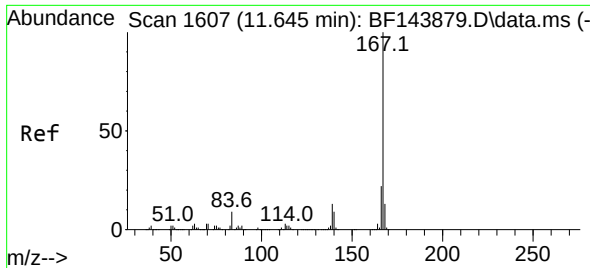
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#72
Anthracene
Concen: 42.935 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

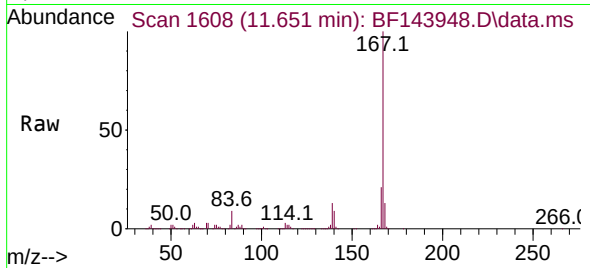
Tgt Ion:178 Resp: 908961
Ion Ratio Lower Upper
178 100
176 19.5 14.9 22.3
179 15.7 12.2 18.2





#73
Carbazole
Concen: 43.596 ng
RT: 11.651 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

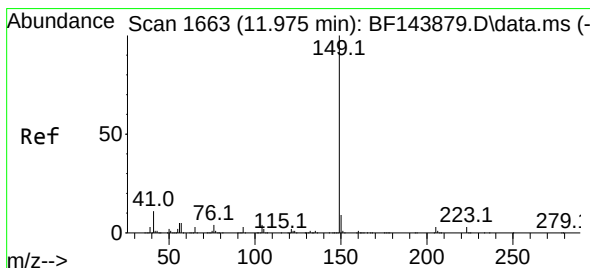
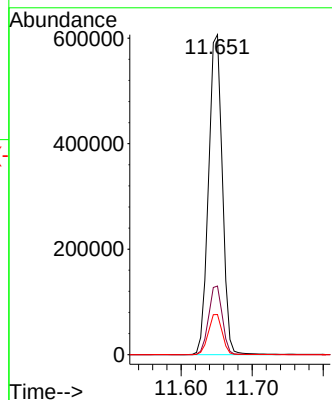
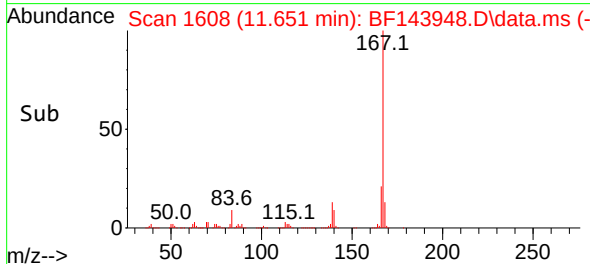
Instrument :
BNA_F
ClientSampleId :
PB170067BS



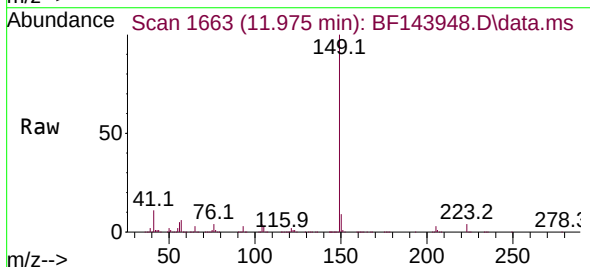
Tgt Ion:167 Resp: 817434
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.5 10.1 15.1

Manual Integrations
APPROVED

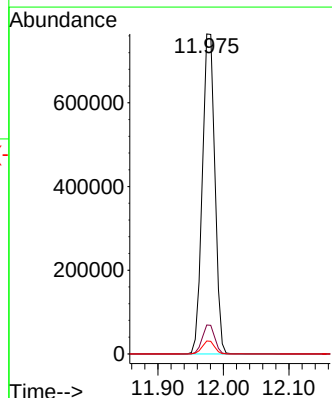
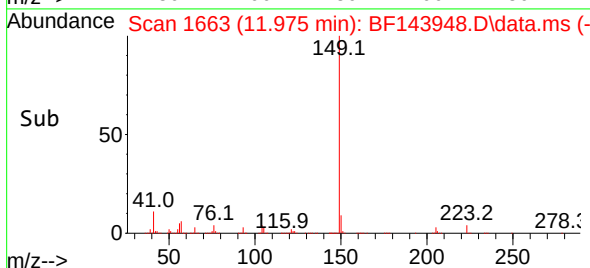
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

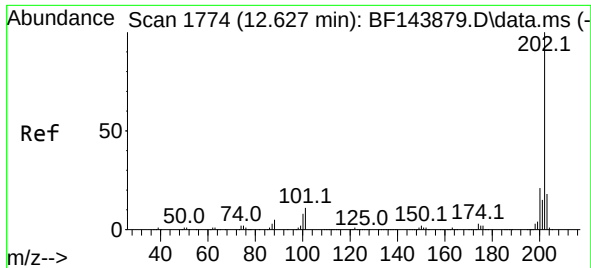


#74
Di-n-butylphthalate
Concen: 46.361 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



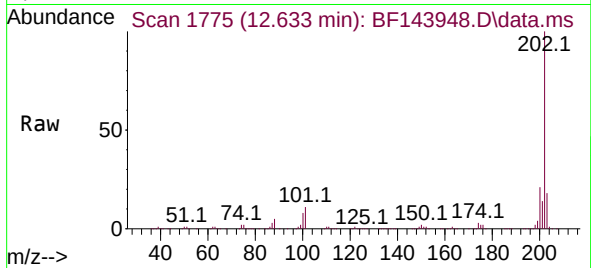
Tgt Ion:149 Resp: 1007480
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 4.1 3.4 5.2





#75
Fluoranthene
Concen: 43.597 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

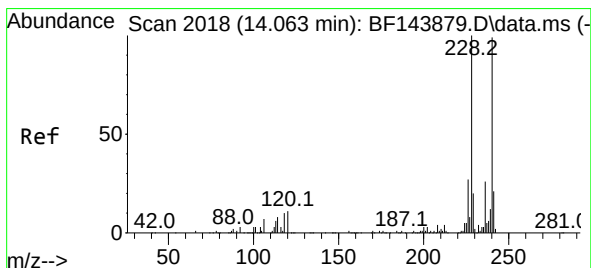
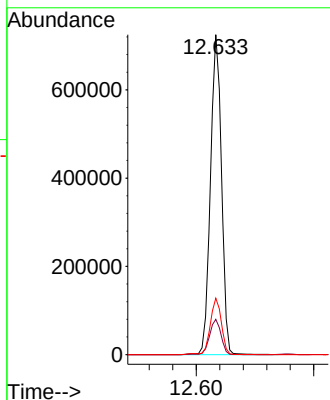
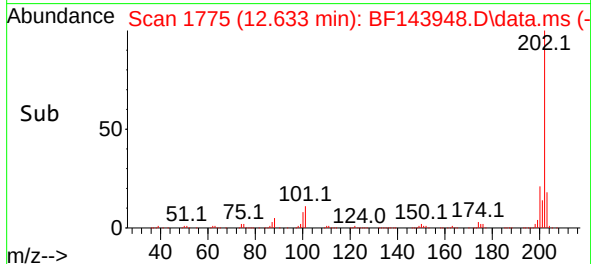
Instrument :
BNA_F
ClientSampleId :
PB170067BS



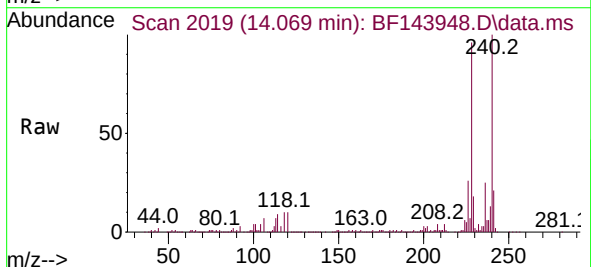
Tgt Ion:202 Resp: 943712
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.6 0.0 37.8

Manual Integrations
APPROVED

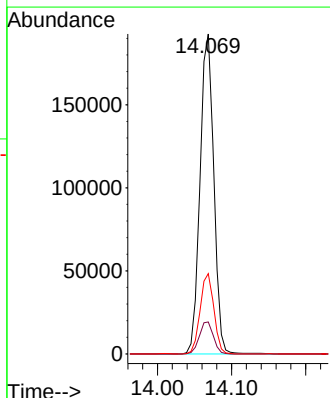
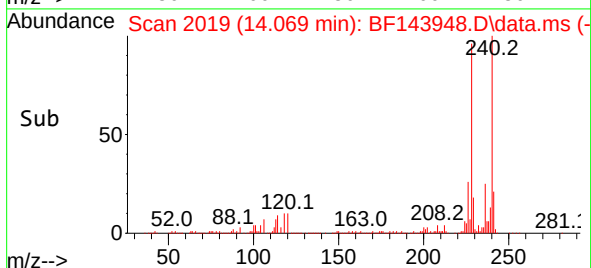
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

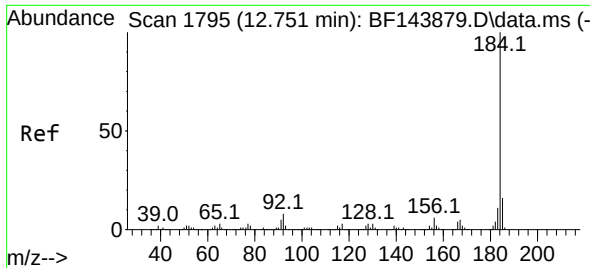


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.001 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



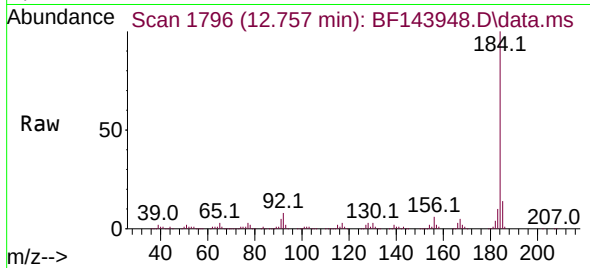
Tgt Ion:240 Resp: 248238
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 25.1 21.1 31.7





#77
Benzidine
Concen: 40.867 ng
RT: 12.757 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

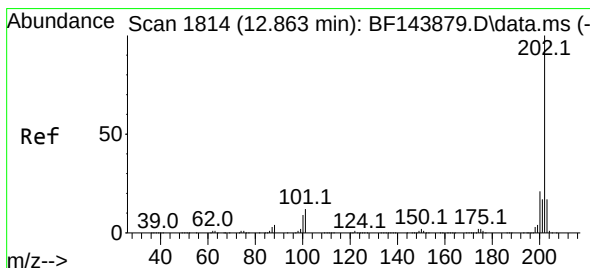
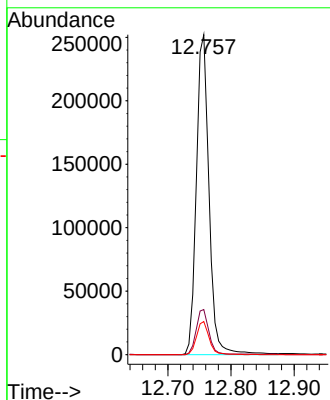
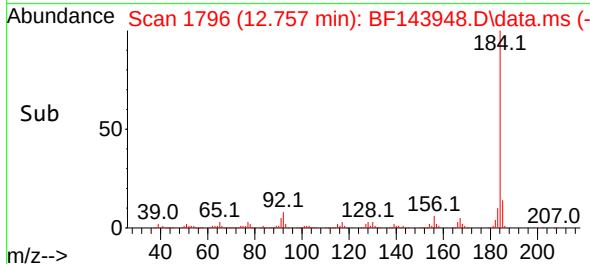
Instrument :
BNA_F
ClientSampleId :
PB170067BS



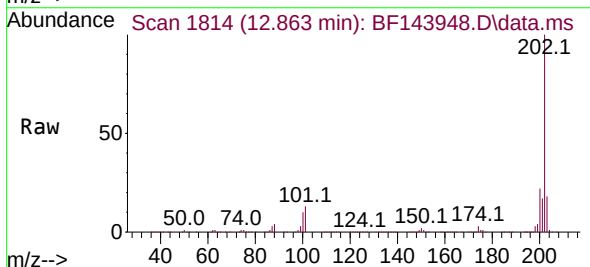
Tgt Ion:184 Resp: 352253
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 10.3 8.8 13.2

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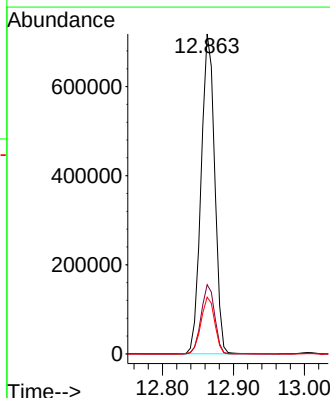
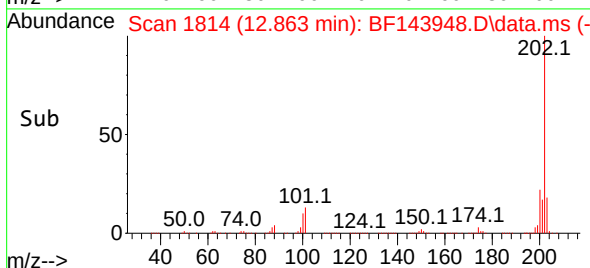
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

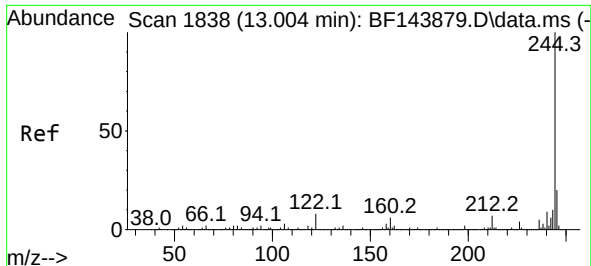


#78
Pyrene
Concen: 45.845 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:202 Resp: 948766
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 17.7 13.8 20.6





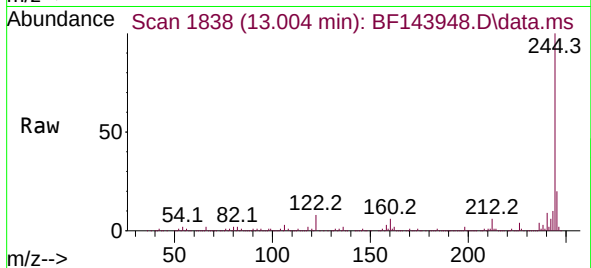
#79
 Terphenyl-d14
 Concen: 93.536 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143948.D
 Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

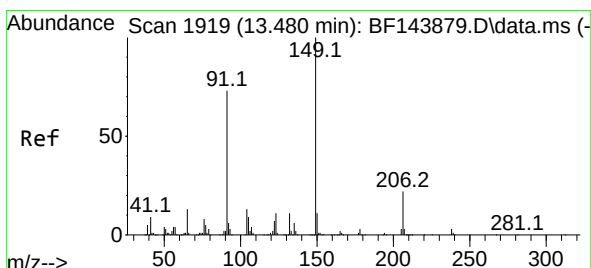
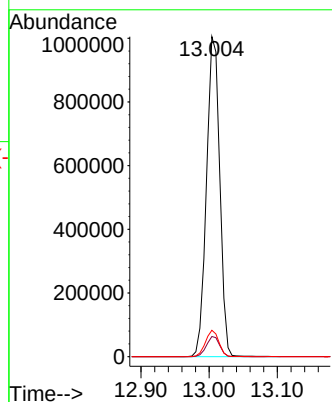
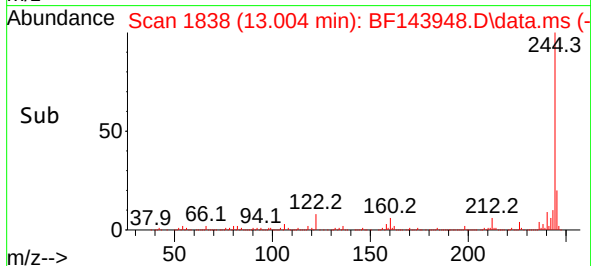


Tgt Ion:244 Resp: 1358582
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 8.2 6.4 9.6

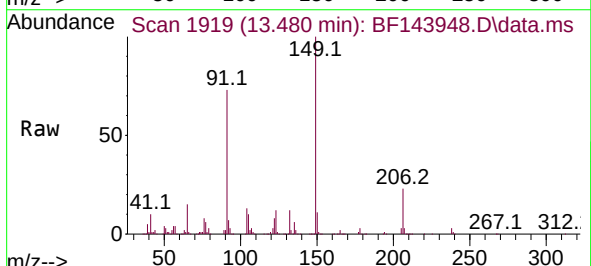
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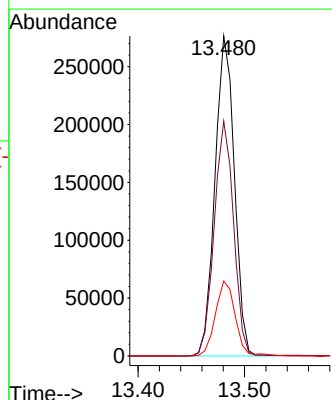
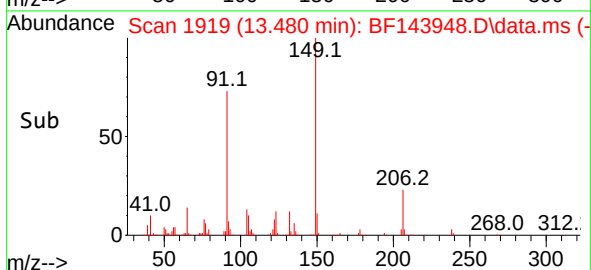
Reviewed By :Jagrut Upadhyay 10/14/2025
 Supervised By :mohammad ahmed 10/17/2025

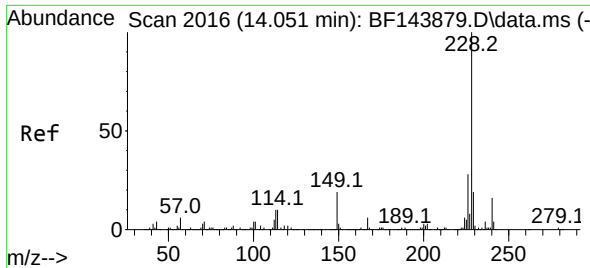


#80
 Butylbenzylphthalate
 Concen: 52.218 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143948.D
 Acq: 14 Oct 2025 15:37



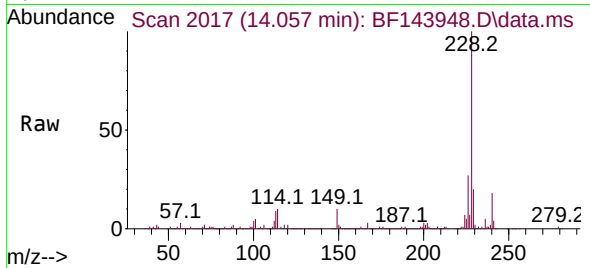
Tgt Ion:149 Resp: 350965
 Ion Ratio Lower Upper
 149 100
 91 73.4 58.2 87.2
 206 23.4 17.9 26.9





#81
Benzo(a)anthracene
Concen: 45.837 ng
RT: 14.057 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

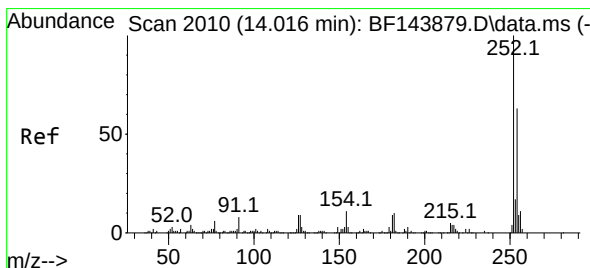
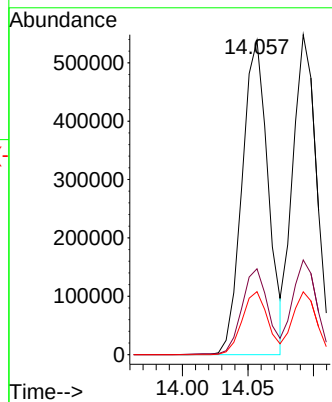
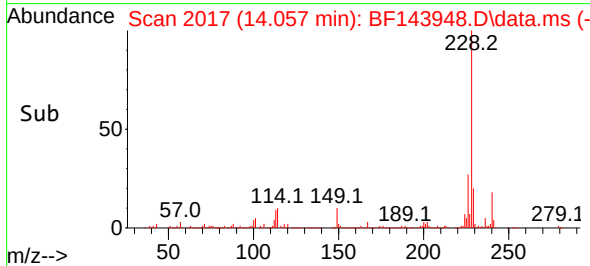
Instrument :
BNA_F
ClientSampleId :
PB170067BS



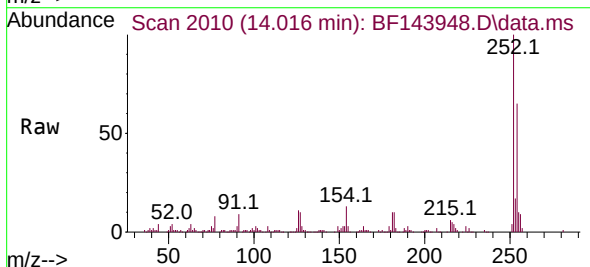
Tgt Ion:228 Resp: 744619
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 20.1 15.6 23.4

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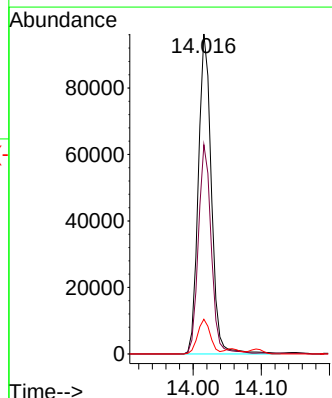
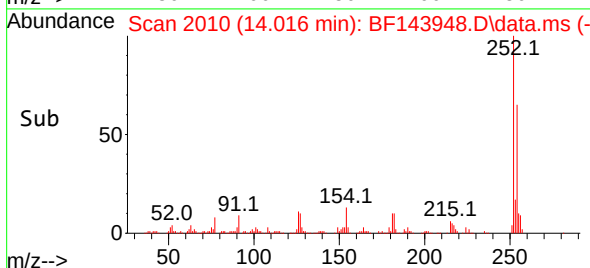
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

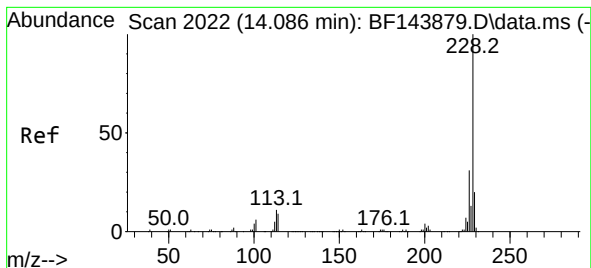


#82
3,3'-Dichlorobenzidine
Concen: 25.928 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:252 Resp: 128361
Ion Ratio Lower Upper
252 100
254 65.4 50.6 76.0
126 10.8 7.0 10.6





#83

Chrysene

Concen: 45.871 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143948.D

Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

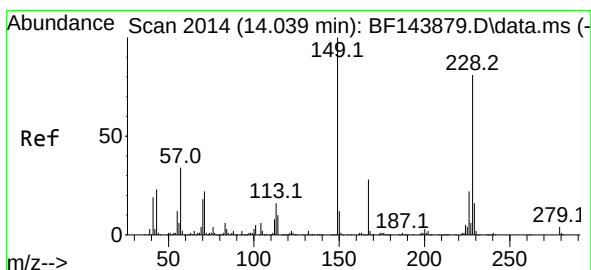
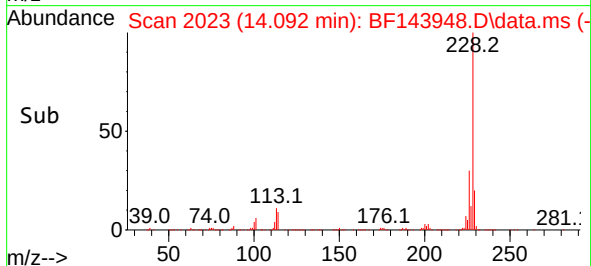
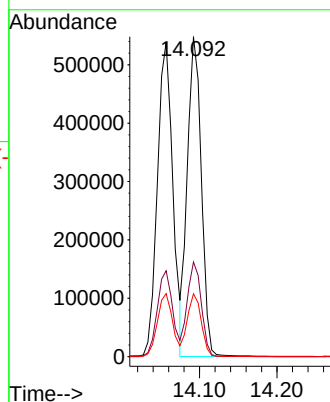
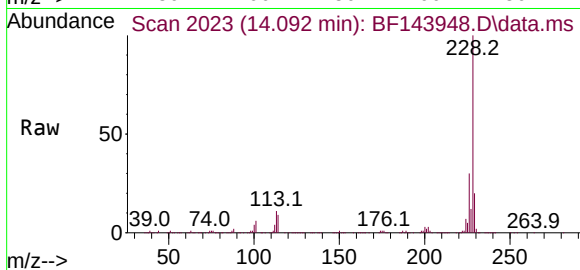
PB170067BS

Tgt Ion:228 Resp: 689675
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.4 36.6
 229 19.6 15.9 23.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2025
 Supervised By :mohammad ahmed 10/17/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.721 ng

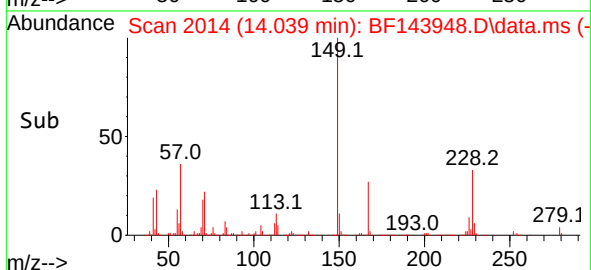
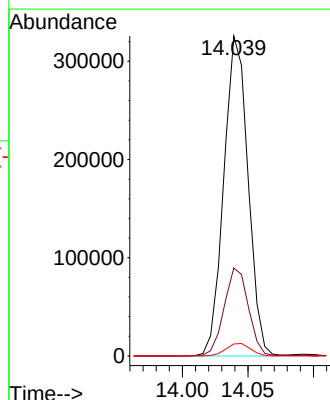
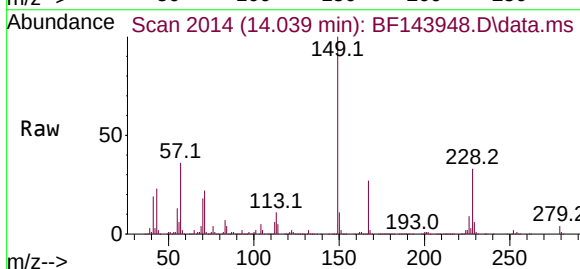
RT: 14.039 min Scan# 2014

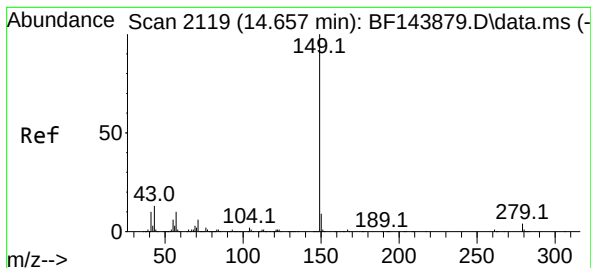
Delta R.T. 0.000 min

Lab File: BF143948.D

Acq: 14 Oct 2025 15:37

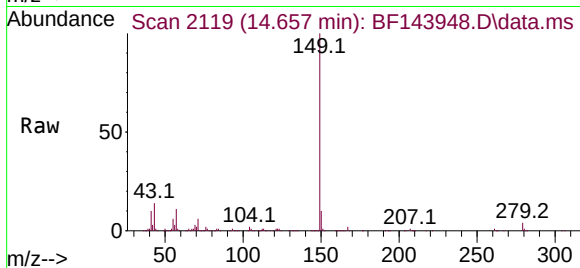
Tgt Ion:149 Resp: 419040
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.2 33.4
 279 3.7 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 47.464 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

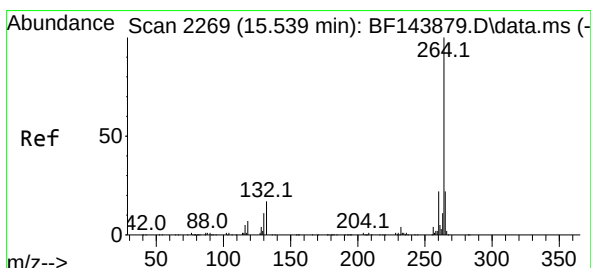
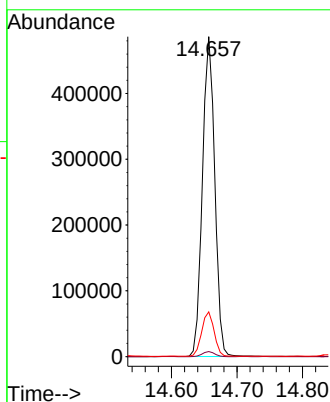
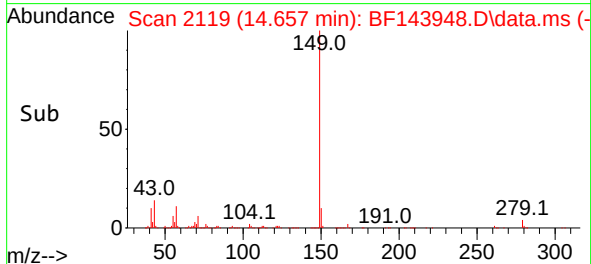
Instrument :
BNA_F
ClientSampleId :
PB170067BS



Tgt Ion:149 Resp: 631608
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 13.9 11.0 16.4

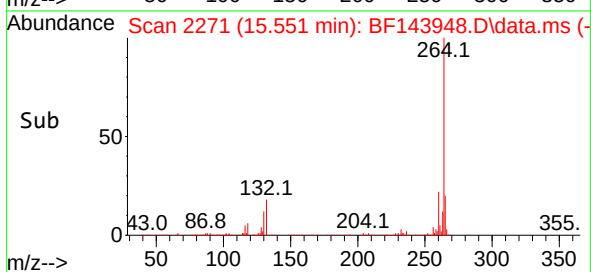
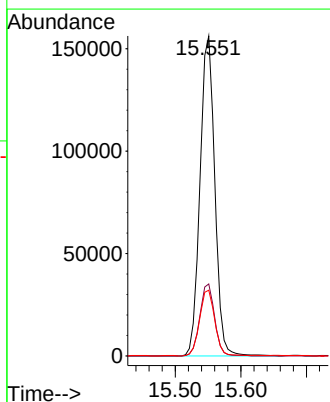
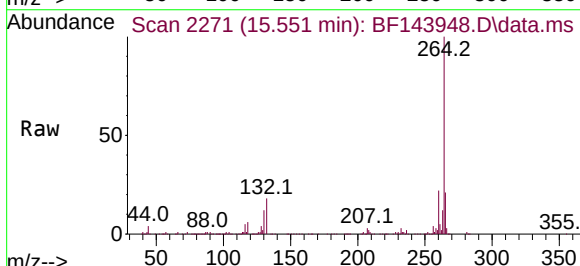
Manual Integrations
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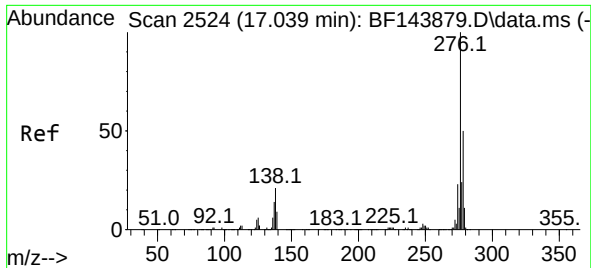
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Tgt Ion:264 Resp: 243737
Ion Ratio Lower Upper
264 100
260 22.5 17.8 26.8
265 20.5 17.5 26.3





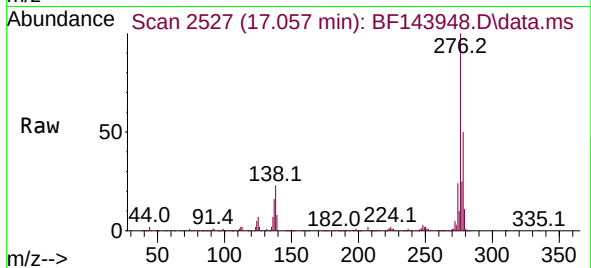
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.976 ng
RT: 17.057 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

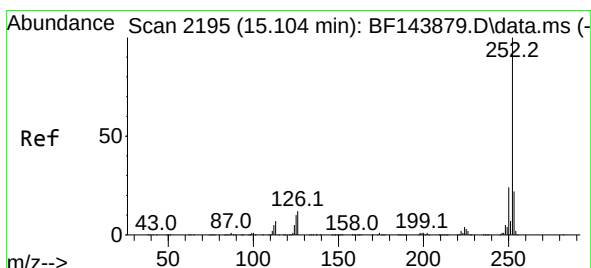
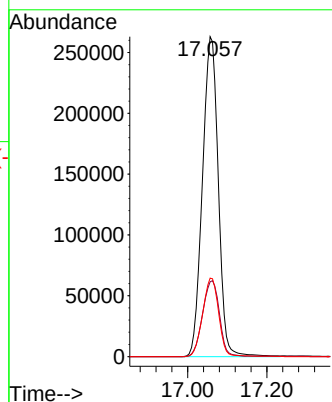
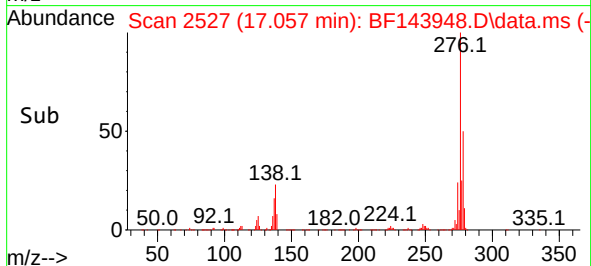


Tgt Ion:276 Resp: 731452
Ion Ratio Lower Upper
276 100
138 25.2 18.2 27.2
277 24.7 19.8 29.6

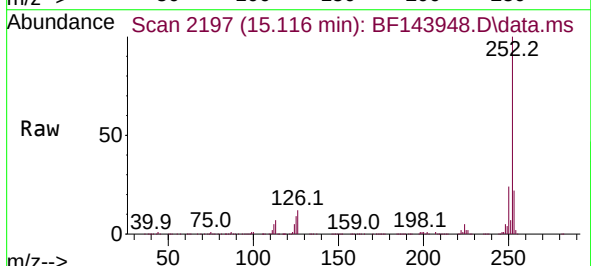
Manual Integrations

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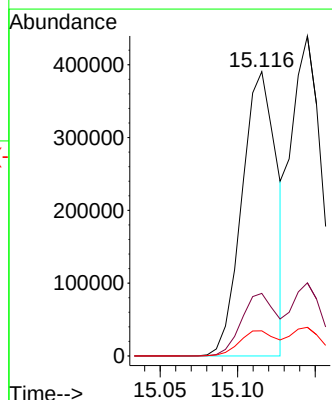
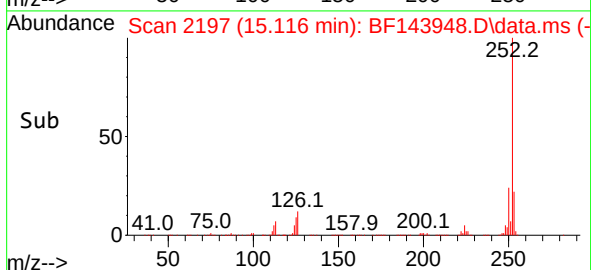
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

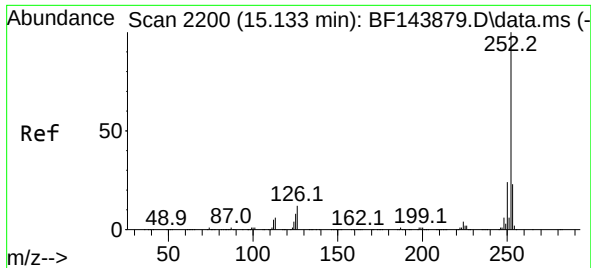


#88
Benzo(b)fluoranthene
Concen: 43.407 ng
RT: 15.116 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:252 Resp: 607748
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.8 7.8 11.6





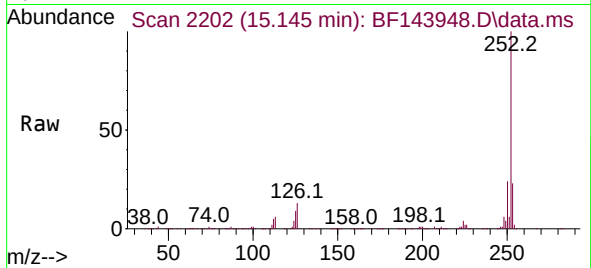
#89
Benzo(k)fluoranthene
Concen: 46.629 ng
RT: 15.145 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

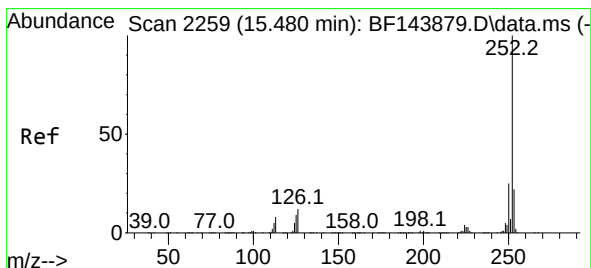
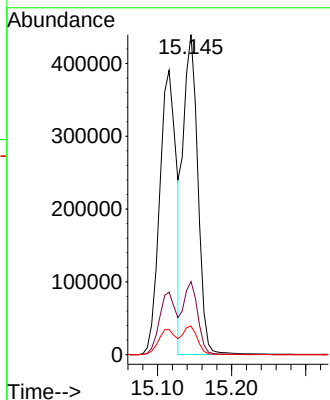
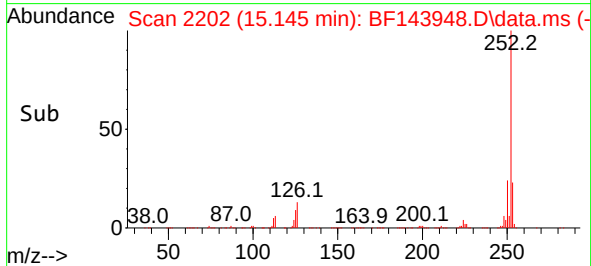


Tgt Ion:252 Resp: 604096
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 8.9 7.4 11.2

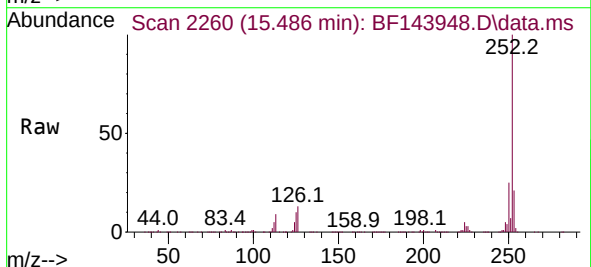
Manual Integrations

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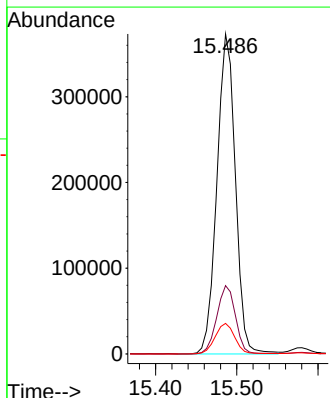
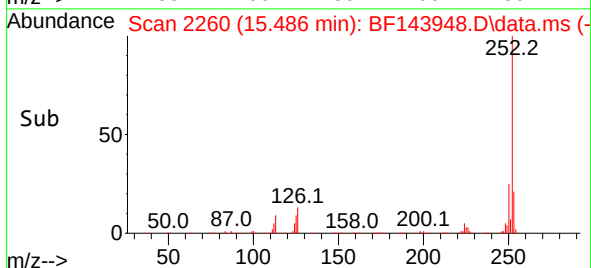
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

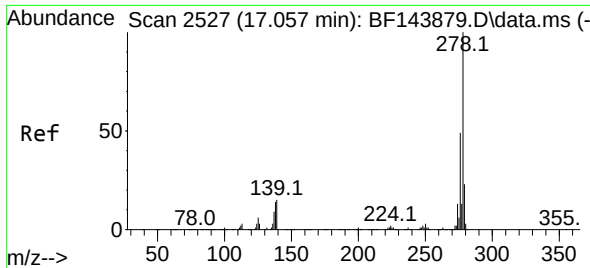


#90
Benzo(a)pyrene
Concen: 48.508 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:252 Resp: 588905
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 9.5 7.0 10.4





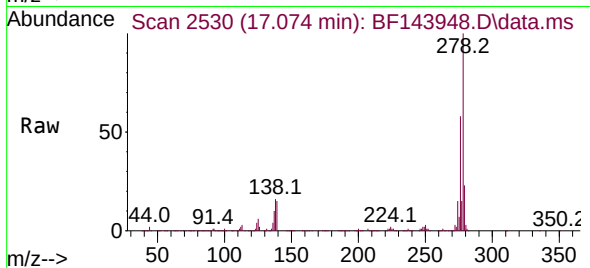
#91
Dibenzo(a,h)anthracene
Concen: 49.979 ng
RT: 17.074 min Scan# 2527
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37

Instrument :

BNA_F

ClientSampleId :

PB170067BS

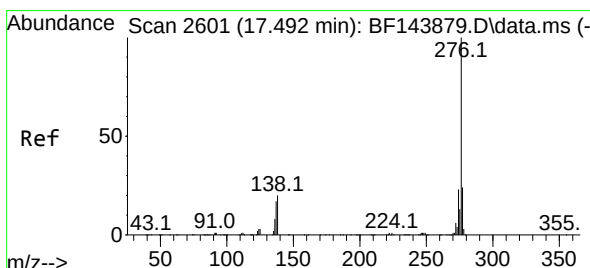
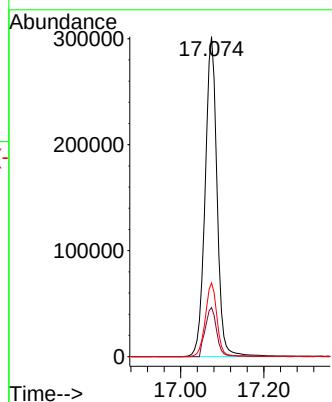
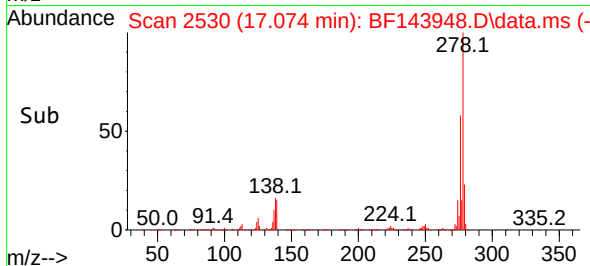


Tgt Ion:278 Resp: 600325
Ion Ratio Lower Upper
278 100
139 15.3 11.7 17.5
279 23.0 18.4 27.6

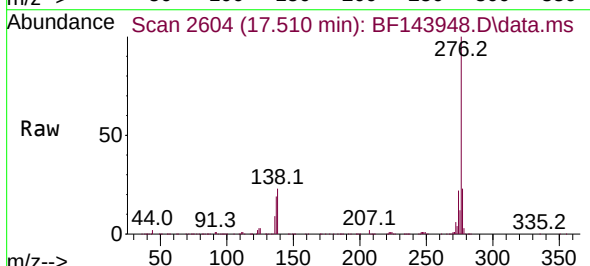
Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025



#92
Benzo(g,h,i)perylene
Concen: 50.408 ng
RT: 17.510 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF143948.D
Acq: 14 Oct 2025 15:37



Tgt Ion:276 Resp: 605478
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 22.6 16.1 24.1

