

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
 Data File : BF143922.D
 Acq On : 10 Oct 2025 13:53
 Operator : RC/JU
 Sample : PB170055BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170055BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
 Supervised By :mohammad ahmed 10/15/2025

Quant Time: Oct 10 14:52:46 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	131953	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	531124	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	298081	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	512596	20.000	ng	0.00
76) Chrysene-d12	14.063	240	308767	20.000	ng	0.00
86) Perylene-d12	15.539	264	265393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	976217	117.483	ng	0.01
7) Phenol-d6	6.510	99	1150600	116.169	ng	0.00
23) Nitrobenzene-d5	7.445	82	754190	86.271	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	377434	127.127	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1399051	74.474	ng	0.00
79) Terphenyl-d14	13.004	244	1570331	86.920	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	152410	39.637	ng	97
3) Pyridine	3.499	79	428000	38.235	ng	100
4) n-Nitrosodimethylamine	3.451	42	272918	46.347	ng	93
6) Aniline	6.545	93	475058	32.008	ng	97
8) 2-Chlorophenol	6.669	128	367956	45.301	ng	98
9) Benzaldehyde	6.434	77	80063	10.479	ng	98
10) Phenol	6.522	94	533334	45.041	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	405418	44.323	ng	98
12) 1,3-Dichlorobenzene	6.822	146	421035	43.304	ng	99
13) 1,4-Dichlorobenzene	6.898	146	423250	44.131	ng	99
14) 1,2-Dichlorobenzene	7.051	146	413562	45.019	ng	100
15) Benzyl Alcohol	7.022	79	358688	48.334	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.157	45	966667	46.428	ng	99
17) 2-Methylphenol	7.134	107	310977	46.327	ng	98
18) Hexachloroethane	7.392	117	139877	43.733	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	295317	43.559	ng	99
20) 3+4-Methylphenols	7.287	107	344767	44.315	ng	# 79
22) Acetophenone	7.292	105	476265	42.409	ng	97
24) Nitrobenzene	7.463	77	437719	45.088	ng	99
25) Isophorone	7.704	82	816037	44.270	ng	99
26) 2-Nitrophenol	7.781	139	210928	50.677	ng	99
27) 2,4-Dimethylphenol	7.816	122	358601	47.895	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	497976	42.767	ng	99
29) 2,4-Dichlorophenol	8.022	162	341625	43.804	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	344458	44.909	ng	100
31) Naphthalene	8.186	128	1013342	41.942	ng	100
32) Benzoic acid	7.939	122	277288m	53.512	ng	
33) 4-Chloroaniline	8.233	127	253290	27.953	ng	98
34) Hexachlorobutadiene	8.304	225	222169	41.683	ng	96
35) Caprolactam	8.604	113	118309m	47.710	ng	
36) 4-Chloro-3-methylphenol	8.716	107	330029	44.054	ng	99
37) 2-Methylnaphthalene	8.881	142	623726	38.756	ng	100
38) 1-Methylnaphthalene	8.981	142	635252	40.694	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	347645	42.197	ng	100
41) Hexachlorocyclopentadiene	9.033	237	330748	96.771	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	259321	43.080	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
 Data File : BF143922.D
 Acq On : 10 Oct 2025 13:53
 Operator : RC/JU
 Sample : PB170055BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170055BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
 Supervised By :mohammad ahmed 10/15/2025

Quant Time: Oct 10 14:52:46 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

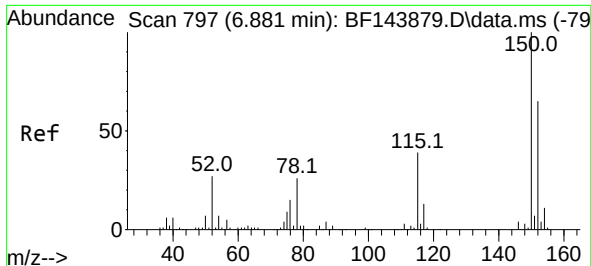
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	274979	43.227	ng	97
46) 1,1'-Biphenyl	9.345	154	821921	41.647	ng	97
47) 2-Chloronaphthalene	9.369	162	687001	41.751	ng	99
48) 2-Nitroaniline	9.463	65	252328	48.504	ng	99
49) Acenaphthylene	9.786	152	1062434	45.927	ng	99
50) Dimethylphthalate	9.645	163	821921	43.420	ng	100
51) 2,6-Dinitrotoluene	9.710	165	178835	50.949	ng	97
52) Acenaphthene	9.957	154	679433	44.823	ng	99
53) 3-Nitroaniline	9.875	138	156841	36.492	ng	97
54) 2,4-Dinitrophenol	9.986	184	203669	92.847	ng	92
55) Dibenzofuran	10.133	168	898449	41.989	ng	98
56) 4-Nitrophenol	10.039	139	298937	91.861	ng	97
57) 2,4-Dinitrotoluene	10.116	165	250033	52.353	ng	98
58) Fluorene	10.475	166	663589	41.100	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	205598	45.658	ng	100
60) Diethylphthalate	10.345	149	763709	43.428	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	356489	41.762	ng	99
62) 4-Nitroaniline	10.498	138	193975	46.933	ng	94
63) Azobenzene	10.627	77	823005	44.779	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	138094	53.610	ng	97
66) n-Nitrosodiphenylamine	10.586	169	695697	43.224	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	244560	43.170	ng	99
68) Hexachlorobenzene	11.022	284	280803	42.816	ng	99
69) Atrazine	11.110	200	209165	42.877	ng	99
70) Pentachlorophenol	11.222	266	332201	88.195	ng	98
71) Phenanthrene	11.439	178	1039164	41.816	ng	100
72) Anthracene	11.492	178	1060143	42.228	ng	99
73) Carbazole	11.645	167	969957	43.623	ng	100
74) Di-n-butylphthalate	11.974	149	1196206	46.419	ng	100
75) Fluoranthene	12.633	202	1132284	44.111	ng	100
77) Benzidine	12.751	184	212697	19.839	ng	99
78) Pyrene	12.863	202	1141018	44.326	ng	100
80) Butylbenzylphthalate	13.480	149	441365	52.795	ng	97
81) Benzo(a)anthracene	14.051	228	906702	44.873	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	233701	37.953	ng	100
83) Chrysene	14.086	228	852263	45.573	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	518813	51.482	ng	100
85) Di-n-octyl phthalate	14.651	149	820876	49.594	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	817727	50.285	ng	99
88) Benzo(b)fluoranthene	15.110	252	770565	50.545	ng	99
89) Benzo(k)fluoranthene	15.139	252	722971	51.251	ng	98
90) Benzo(a)pyrene	15.480	252	694475	52.536	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	677518	51.803	ng	100
92) Benzo(g,h,i)perylene	17.498	276	675006	51.611	ng	98

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

Manual Integrations APPROVED

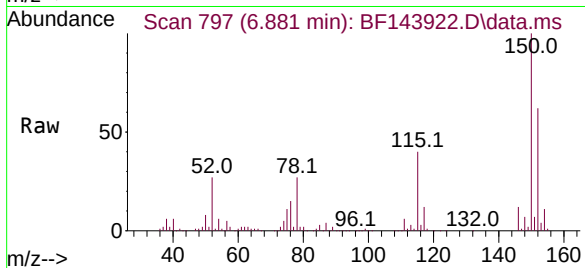
Quant Time: Oct 10 14:52:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

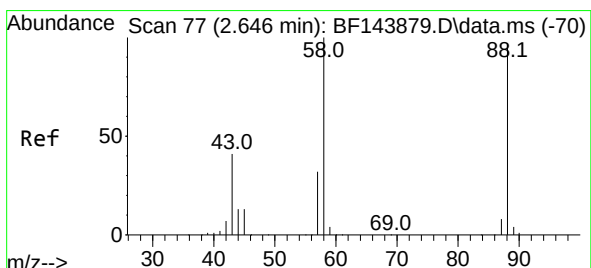
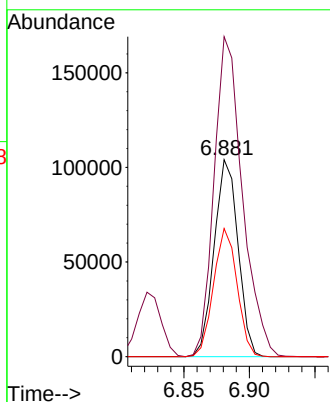
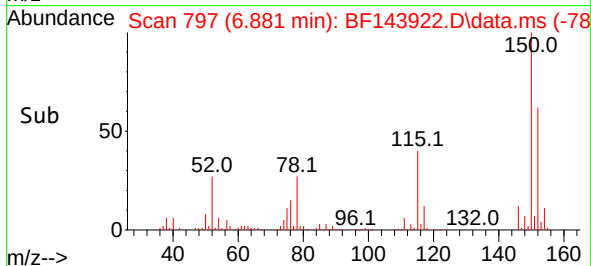
Instrument :
BNA_F
ClientSampleId :
PB170055BS



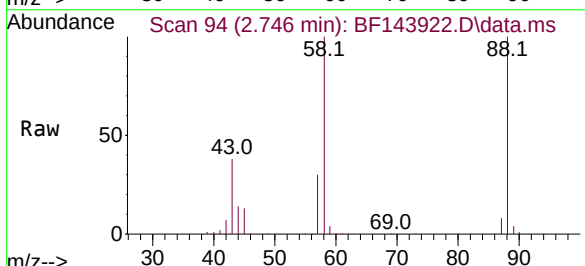
Tgt Ion:152 Resp: 131953
Ion Ratio Lower Upper
152 100
150 162.5 124.4 186.6
115 65.0 48.1 72.1

Manual Integrations
APPROVED

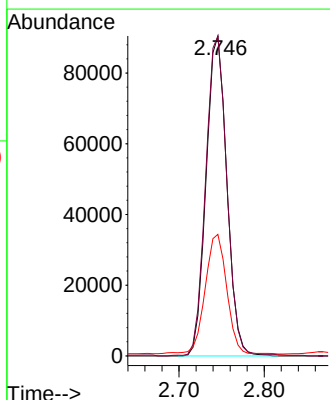
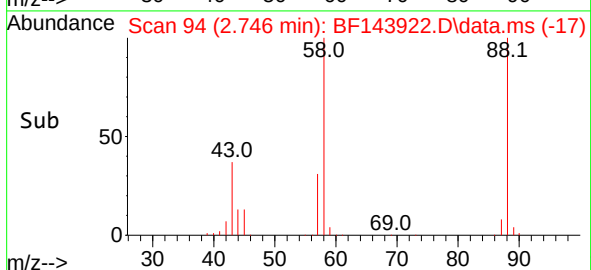
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

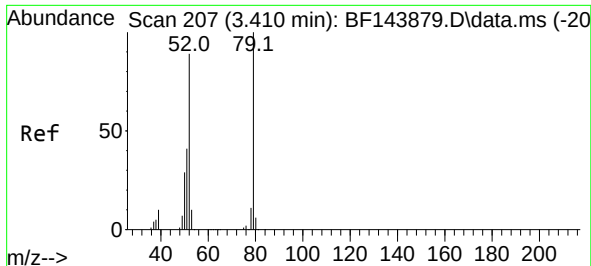


#2
1,4-Dioxane
Concen: 39.637 ng
RT: 2.746 min Scan# 94
Delta R.T. 0.100 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



Tgt Ion: 88 Resp: 152410
Ion Ratio Lower Upper
88 100
58 102.5 83.0 124.6
43 38.7 33.9 50.9





#3

Pyridine

Concen: 38.235 ng

RT: 3.499 min Scan# 211

Delta R.T. 0.082 min

Lab File: BF143922.D

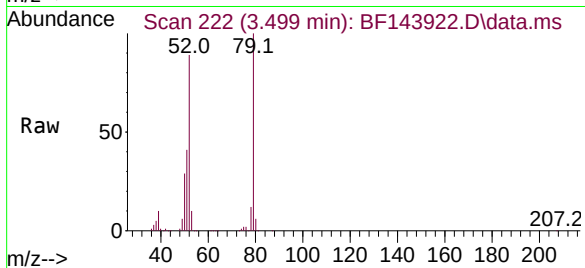
Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB170055BS

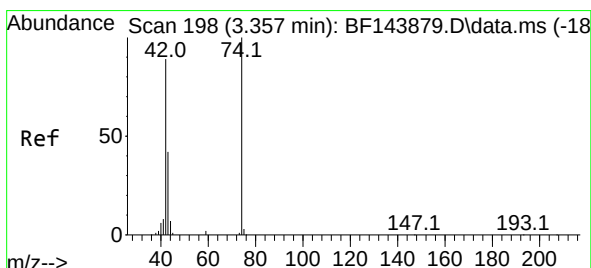
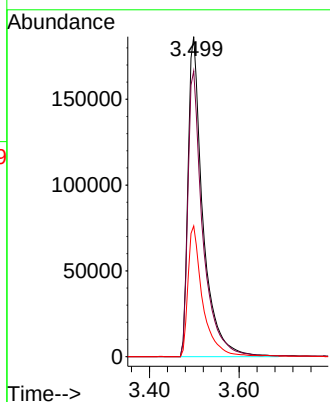
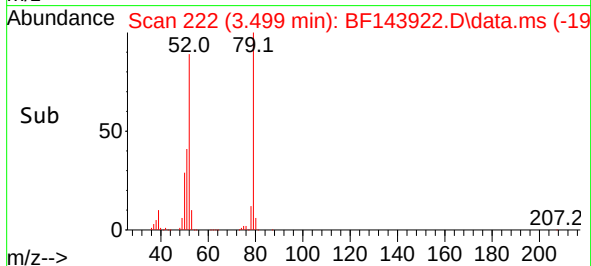


Tgt Ion: 79	Resp: 428000
Ion Ratio	Lower Upper
79	100
52	89.3 71.5 107.3
51	40.8 32.9 49.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#4

n-Nitrosodimethylamine

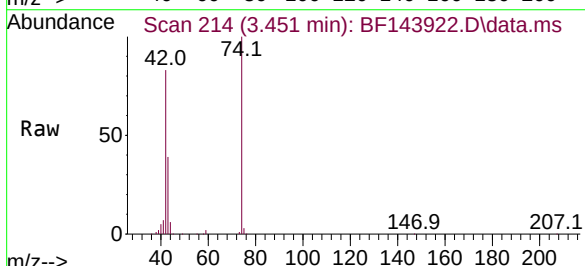
Concen: 46.347 ng

RT: 3.451 min Scan# 214

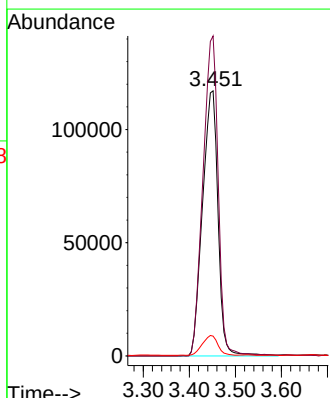
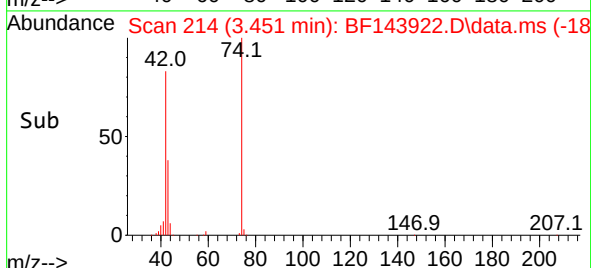
Delta R.T. 0.065 min

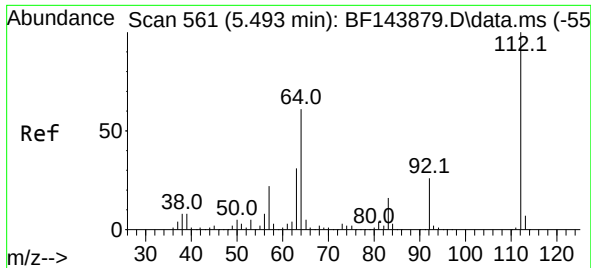
Lab File: BF143922.D

Acq: 10 Oct 2025 13:53



Tgt Ion: 42	Resp: 272918
Ion Ratio	Lower Upper
42	100
74	120.8 90.0 135.0
44	7.5 6.2 9.2





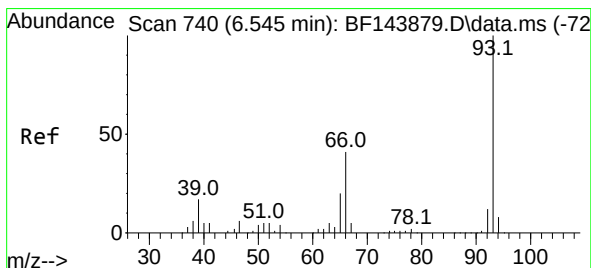
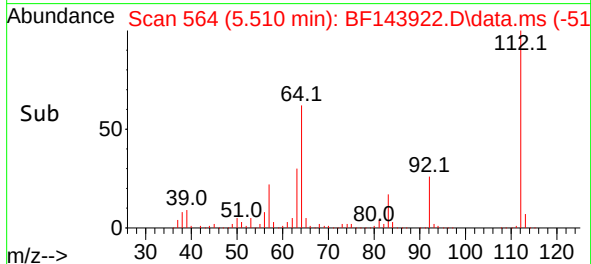
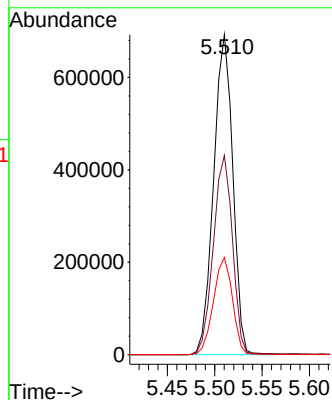
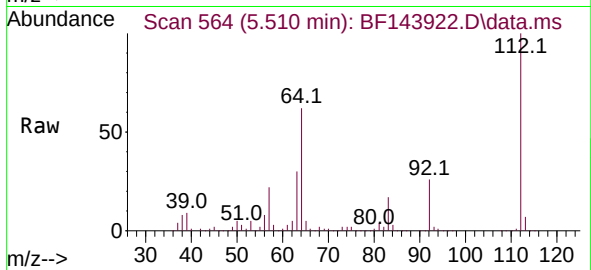
#5
2-Fluorophenol
Concen: 117.483 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
PB170055BS

Tgt Ion:112 Resp: 97621
Ion Ratio Lower Upper
112 100
64 62.2 49.1 73.7
63 30.3 24.5 36.7

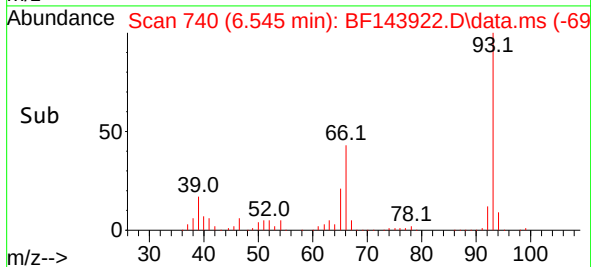
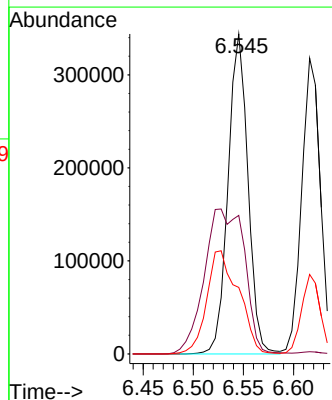
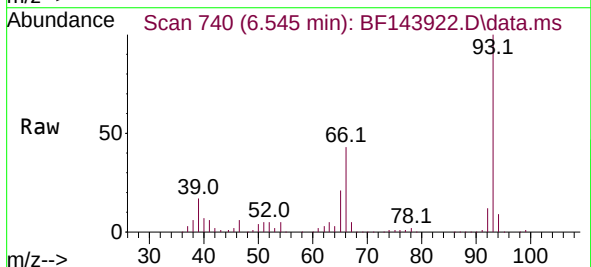
Manual Integrations
APPROVED

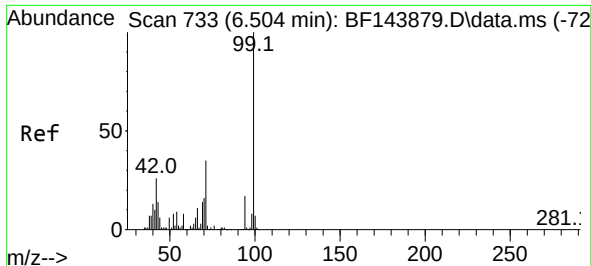
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#6
Aniline
Concen: 32.008 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

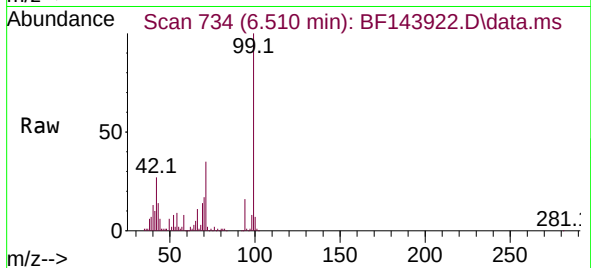
Tgt Ion: 93 Resp: 475058
Ion Ratio Lower Upper
93 100
66 43.3 33.0 49.6
65 20.8 15.8 23.8





#7
Phenol-d6
Concen: 116.169 ng
RT: 6.510 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

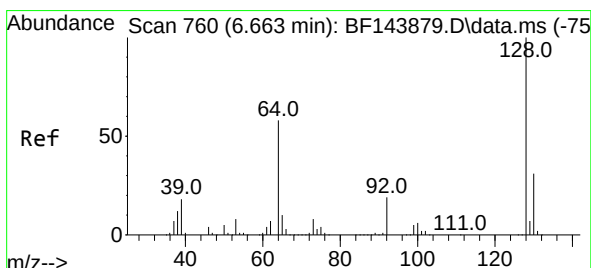
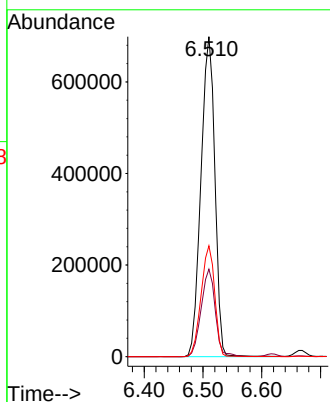
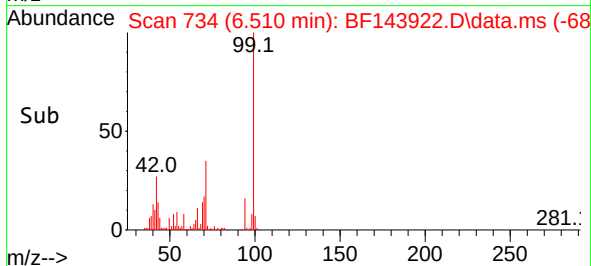
Instrument :
BNA_F
ClientSampleId :
PB170055BS



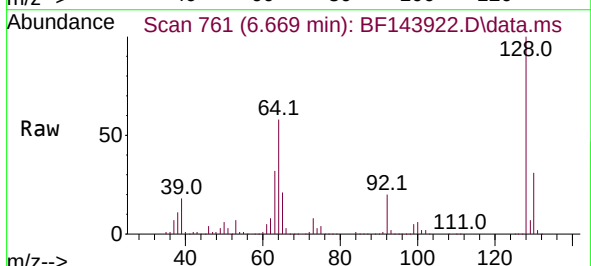
Tgt Ion: 99 Resp: 1150600
Ion Ratio Lower Upper
99 100
42 27.3 21.0 31.4
71 34.6 27.8 41.8

Manual Integrations
APPROVED

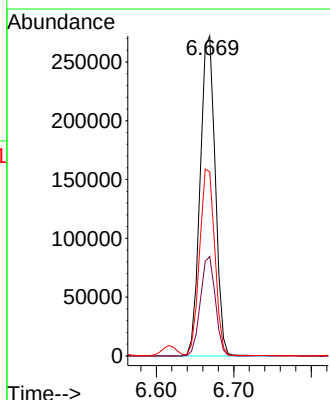
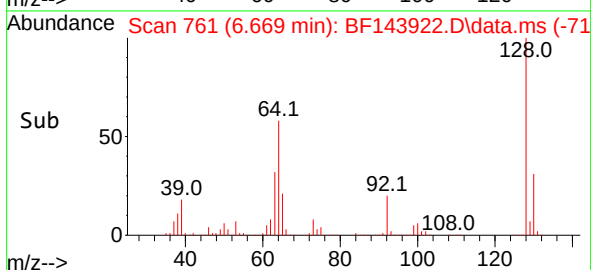
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

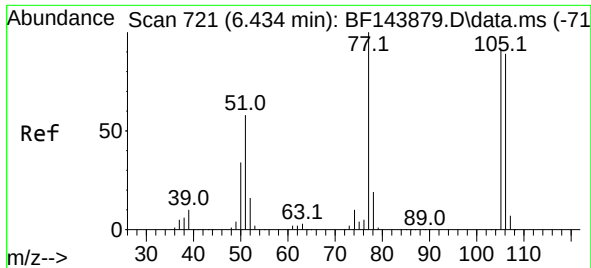


#8
2-Chlorophenol
Concen: 45.301 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



Tgt Ion:128 Resp: 367956
Ion Ratio Lower Upper
128 100
130 31.1 10.7 50.7
64 57.5 39.0 79.0





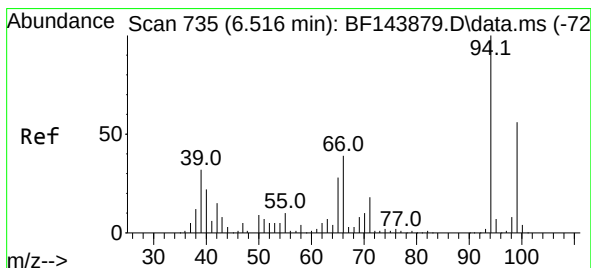
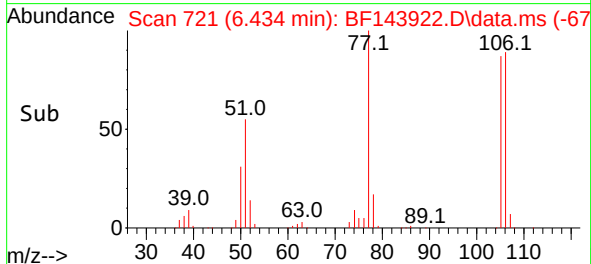
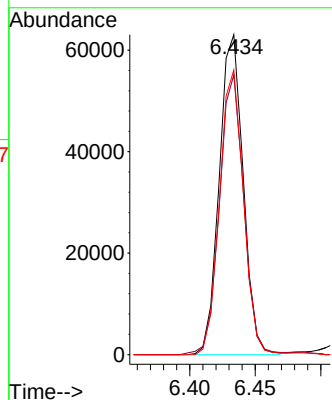
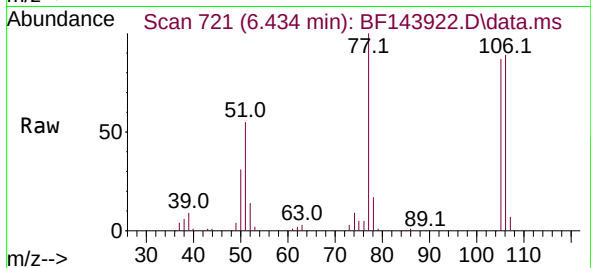
#9
Benzaldehyde
Concen: 10.479 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
PB170055BS

Tgt Ion: 77 Resp: 80063
Ion Ratio Lower Upper
77 100
105 87.4 70.9 110.9
106 88.9 68.9 108.9

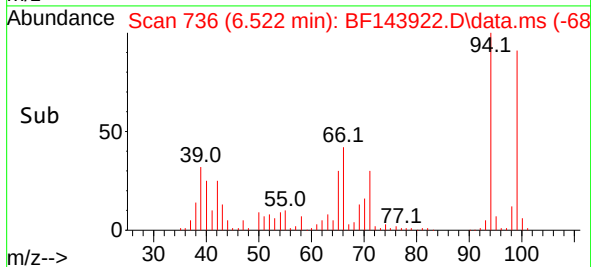
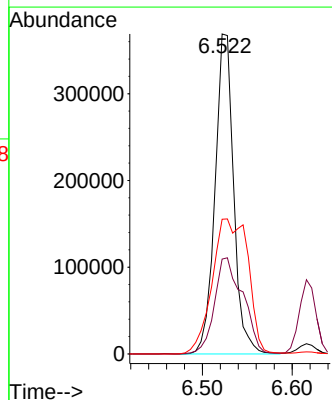
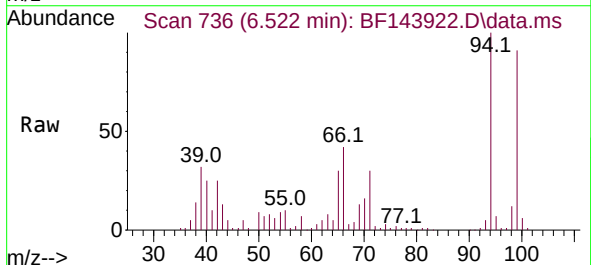
Manual Integrations
APPROVED

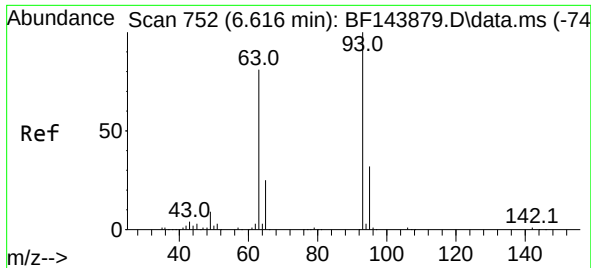
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#10
Phenol
Concen: 45.041 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Tgt Ion: 94 Resp: 533334
Ion Ratio Lower Upper
94 100
65 29.7 8.5 48.5
66 42.1 19.9 59.9





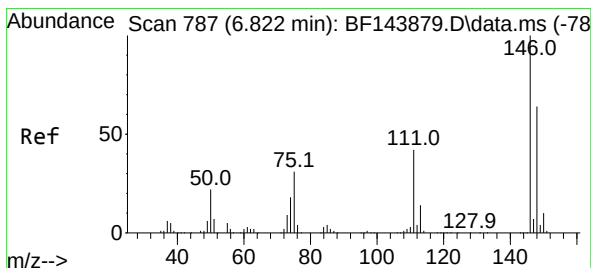
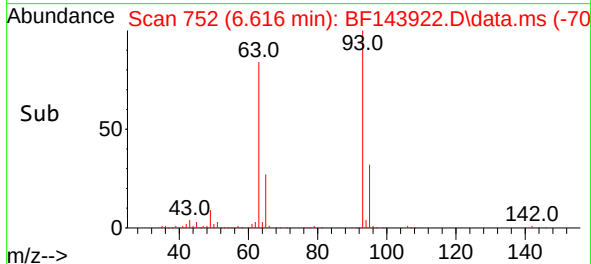
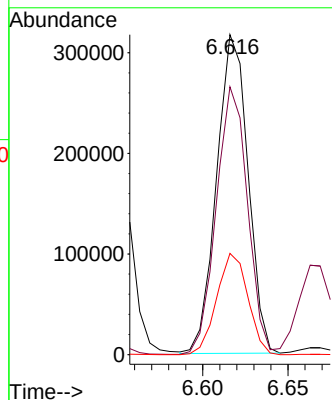
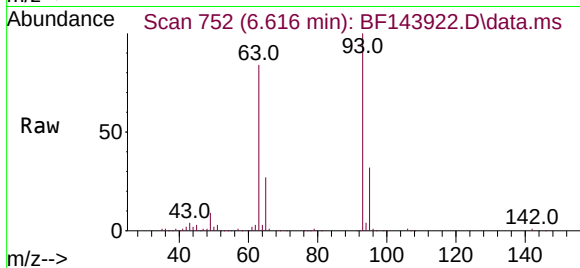
#11
bis(2-Chloroethyl)ether
Concen: 44.323 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
PB170055BS

Tgt Ion: 93 Resp: 405418
Ion Ratio Lower Upper
93 100
63 83.7 60.9 100.9
95 31.6 11.5 51.5

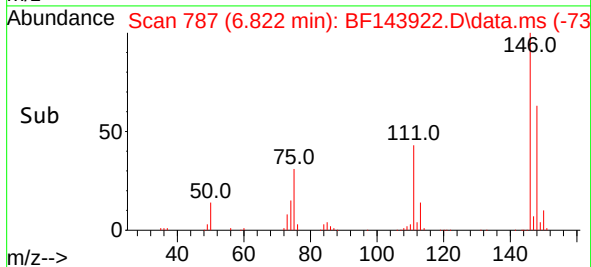
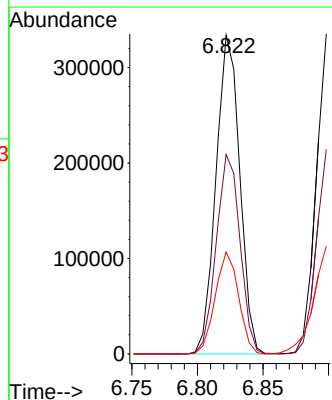
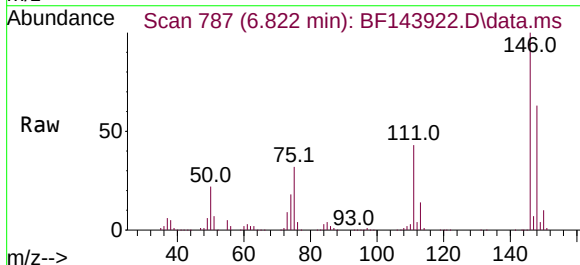
Manual Integrations
APPROVED

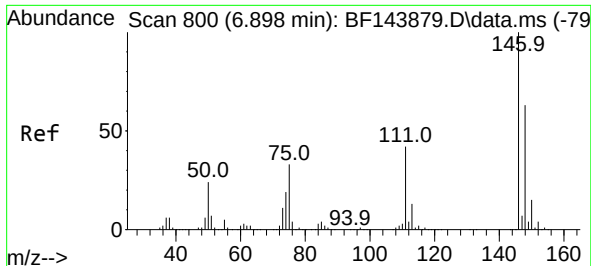
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#12
1,3-Dichlorobenzene
Concen: 43.304 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Tgt Ion:146 Resp: 421035
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.4
75 32.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 44.131 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB170055BS

Tgt Ion:146 Resp: 423250

Ion Ratio Lower Upper

146 100

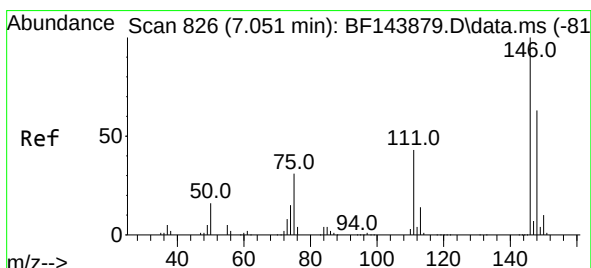
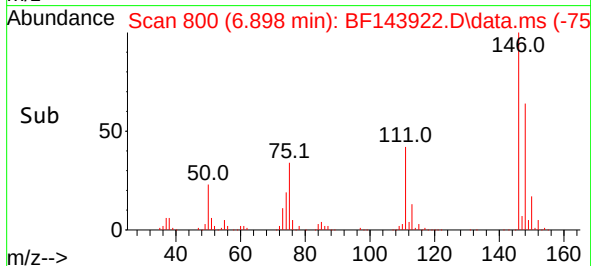
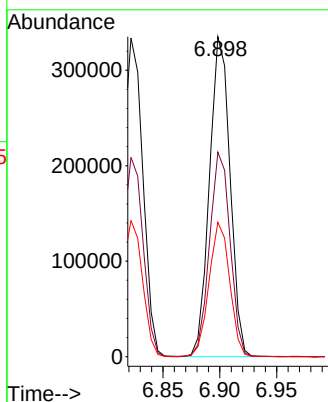
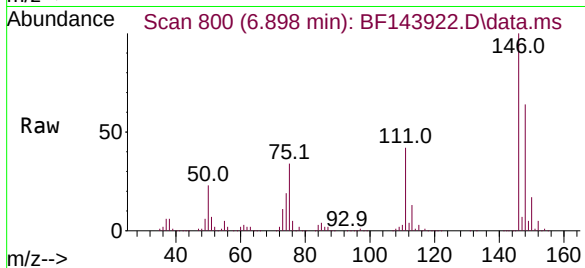
148 63.9 50.5 75.7

111 42.0 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#14

1,2-Dichlorobenzene

Concen: 45.019 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

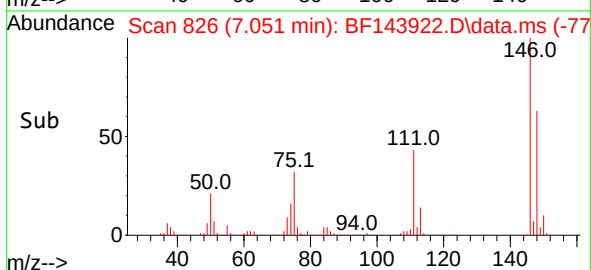
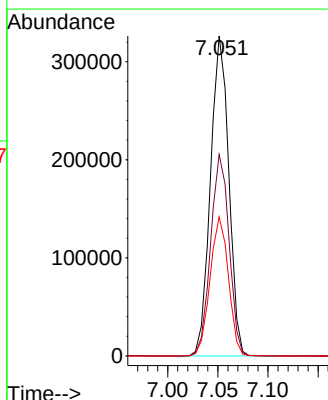
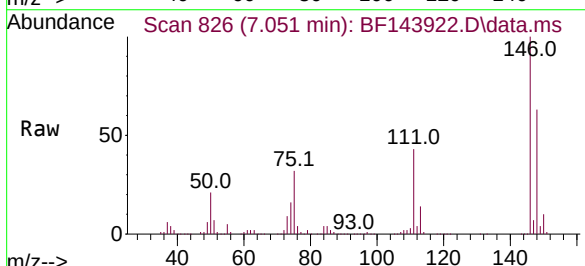
Tgt Ion:146 Resp: 413562

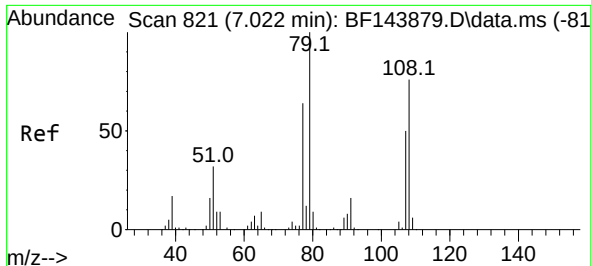
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

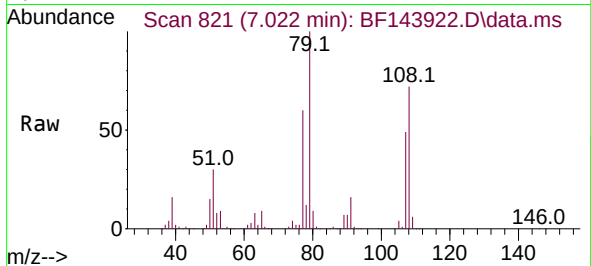
111 43.5 34.6 51.8





#15
Benzyl Alcohol
Concen: 48.334 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

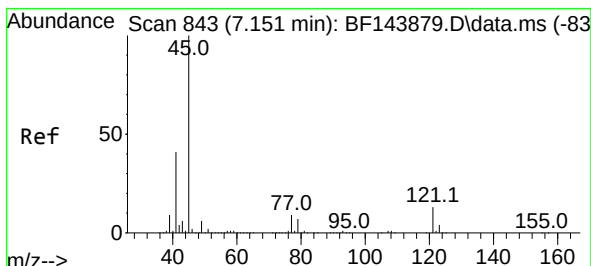
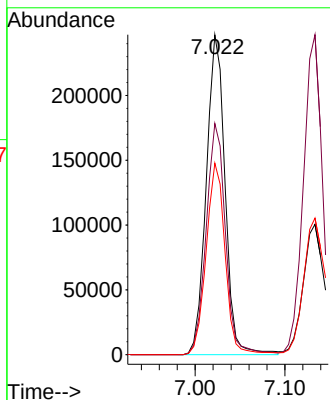
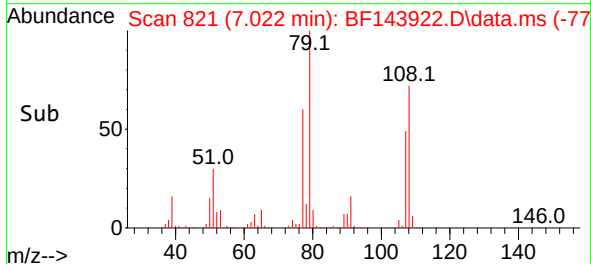
Instrument :
BNA_F
ClientSampleId :
PB170055BS



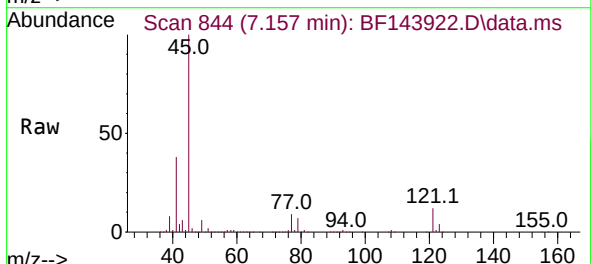
Tgt Ion: 79 Resp: 358688
Ion Ratio Lower Upper
79 100
108 72.3 60.8 91.2
77 59.9 51.0 76.6

Manual Integrations
APPROVED

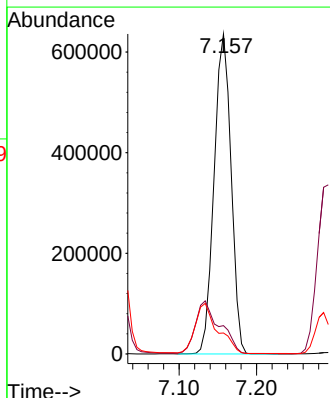
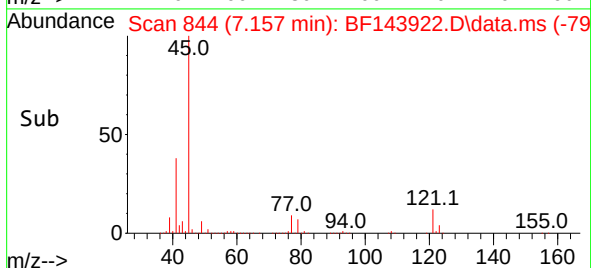
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

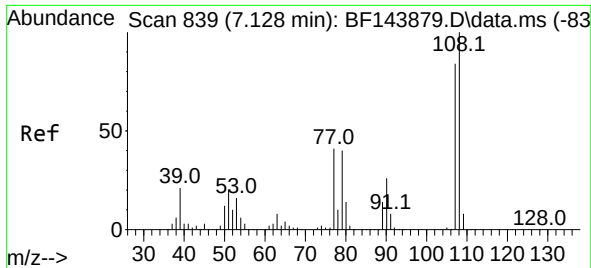


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.428 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



Tgt Ion: 45 Resp: 966667
Ion Ratio Lower Upper
45 100
77 8.8 0.0 29.0
79 6.5 0.0 26.8





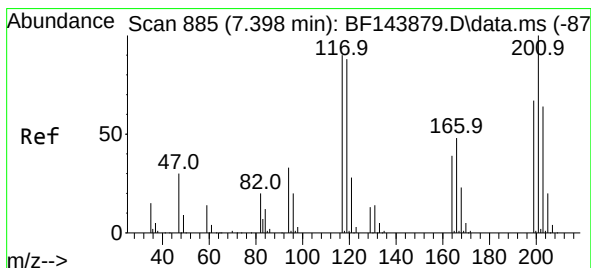
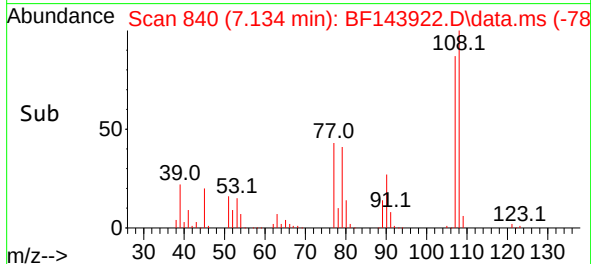
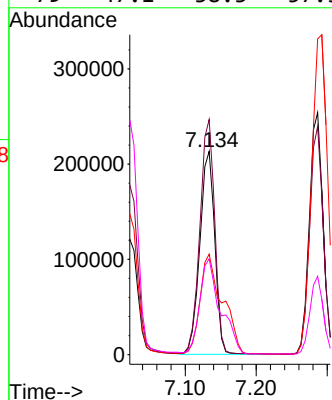
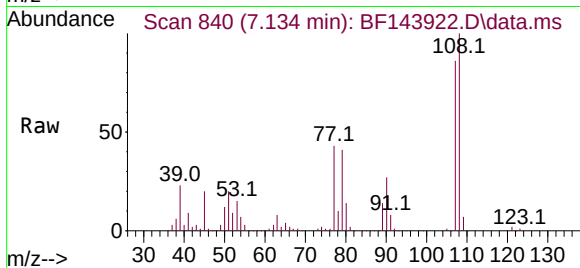
#17
2-Methylphenol
Concen: 46.327 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
PB170055BS

Tgt Ion:	107	Resp:	31097
Ion Ratio	Lower	Upper	
107	100		
108	115.6	94.7	142.1
77	49.4	38.8	58.2
79	47.1	38.3	57.5

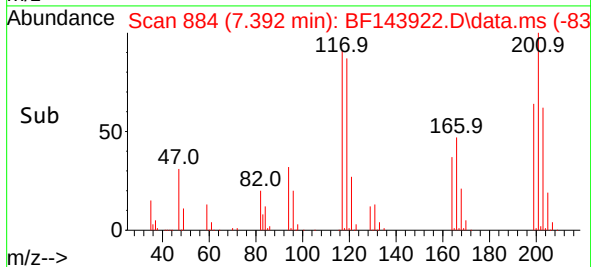
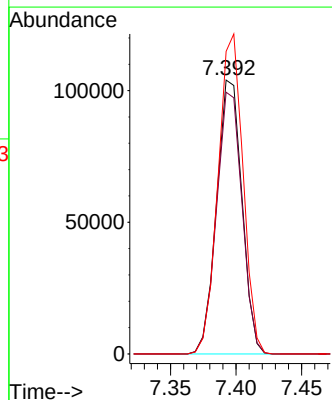
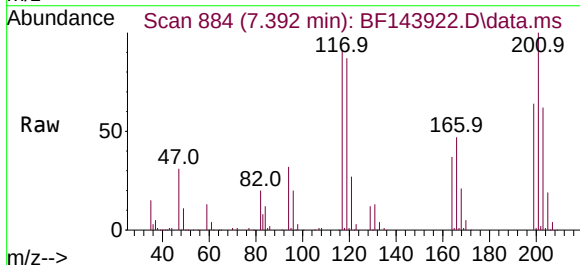
Manual Integrations
APPROVED

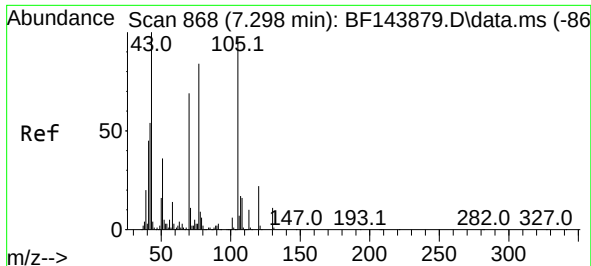
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#18
Hexachloroethane
Concen: 43.733 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

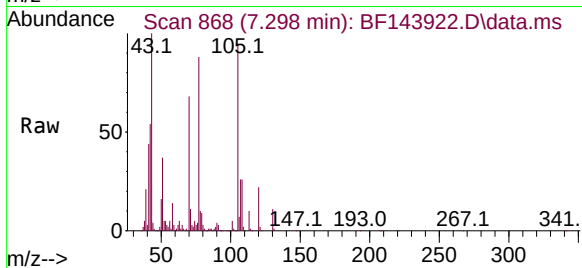
Tgt Ion:	117	Resp:	139877
Ion Ratio	Lower	Upper	
117	100		
119	95.6	77.8	116.8
201	110.5	88.5	132.7





#19
n-Nitroso-di-n-propylamine
Concen: 43.559 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

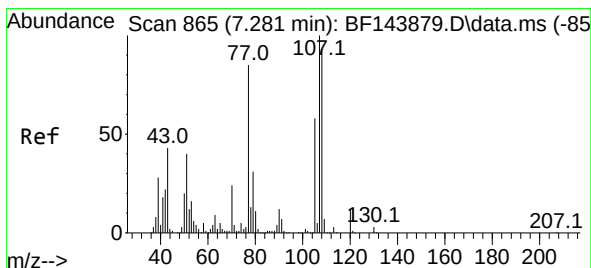
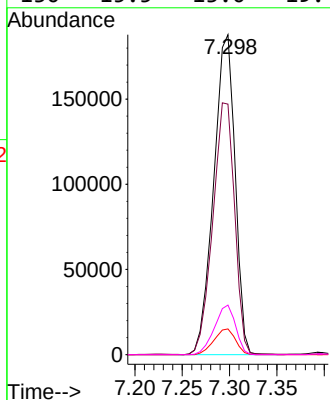
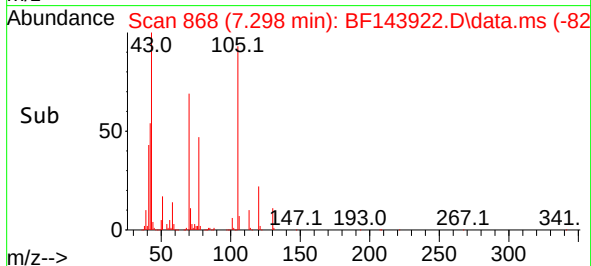
Instrument :
BNA_F
ClientSampleId :
PB170055BS



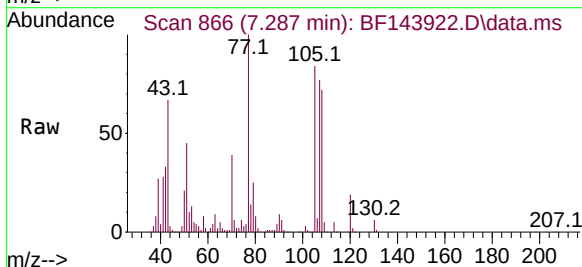
Tgt Ion: 70 Resp: 295317
Ion Ratio Lower Upper
70 100
42 78.3 62.8 94.2
101 8.0 6.7 10.1
130 15.5 13.0 19.4

Manual Integrations
APPROVED

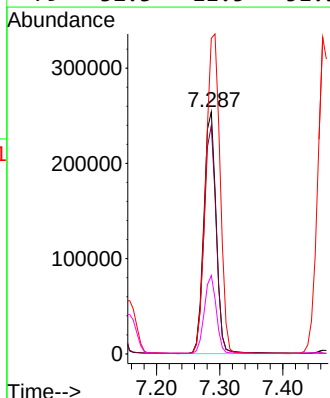
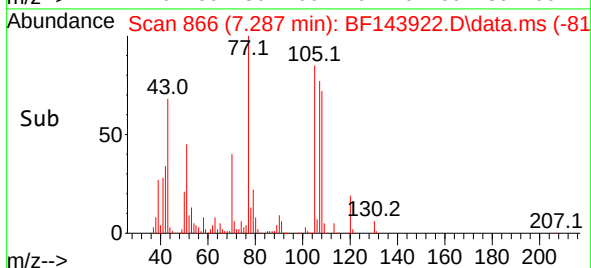
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

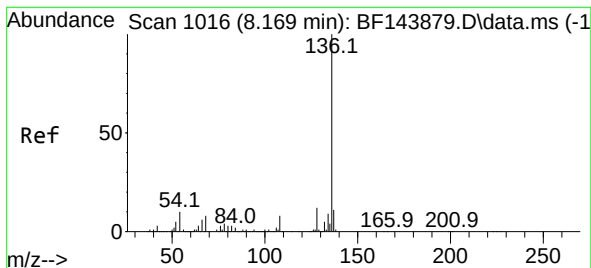


#20
3+4-Methylphenols
Concen: 44.315 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



Tgt Ion:107 Resp: 344767
Ion Ratio Lower Upper
107 100
108 94.3 73.0 113.0
77 130.4 64.6 104.6#
79 32.3 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

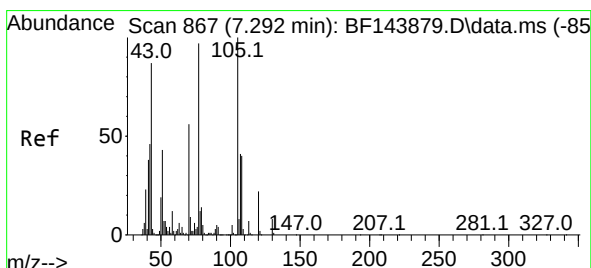
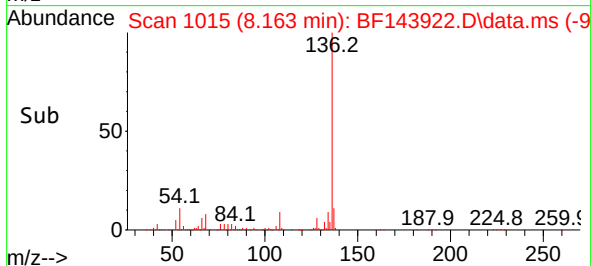
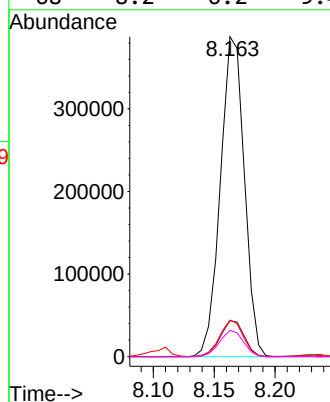
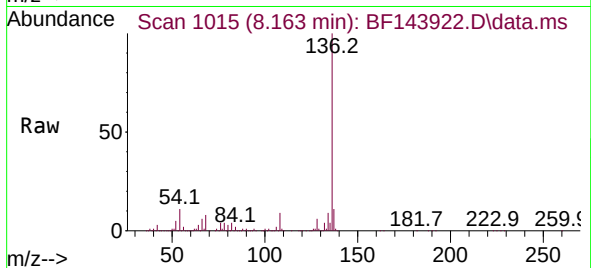
PB170055BS

Tgt Ion:136	Resp: 531124
Ion Ratio	Lower Upper
136 100	
137 11.2	8.5 12.7
54 11.4	8.2 12.4
68 8.2	6.2 9.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#22

Acetophenone

Concen: 42.409 ng

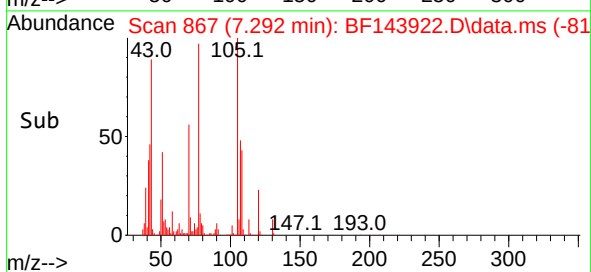
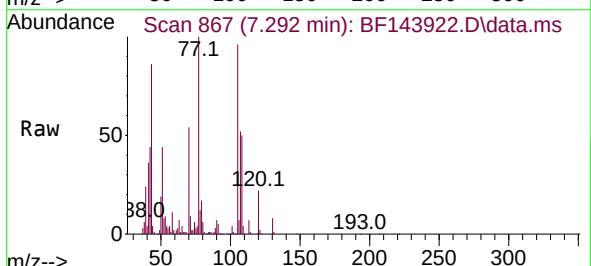
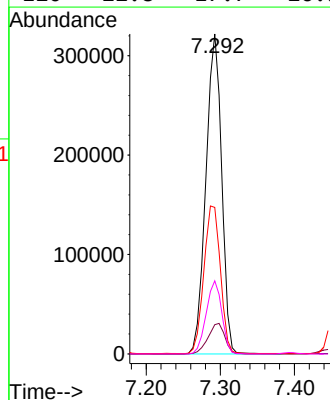
RT: 7.292 min Scan# 867

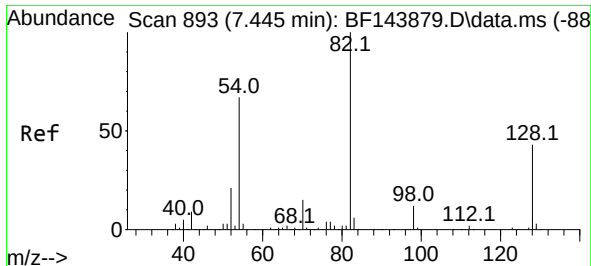
Delta R.T. -0.012 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Tgt Ion:105	Resp: 476265
Ion Ratio	Lower Upper
105 100	
71 9.1	7.4 11.0
51 45.8	34.2 51.4
120 22.8	17.7 26.5





#23

Nitrobenzene-d5

Concen: 86.271 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143922.D

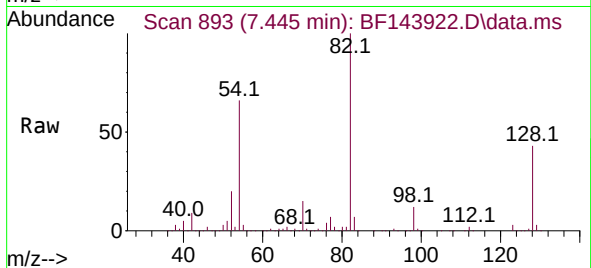
Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB170055BS



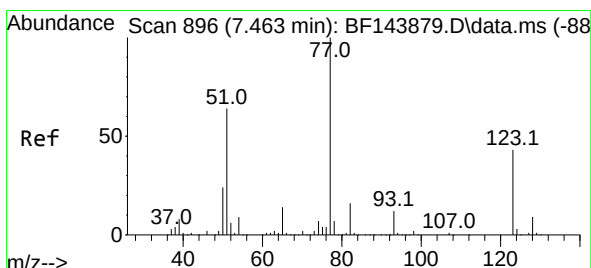
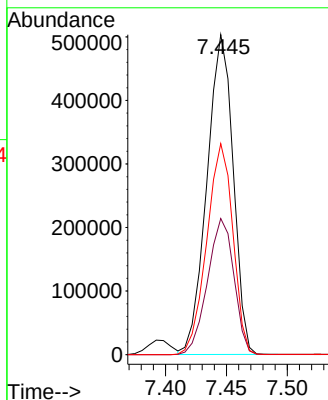
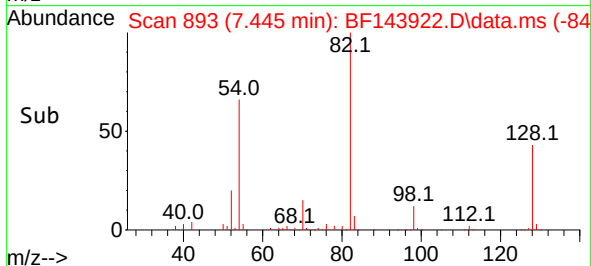
Tgt Ion: 82 Resp: 754190

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	65.9	53.2	79.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#24

Nitrobenzene

Concen: 45.088 ng

RT: 7.463 min Scan# 896

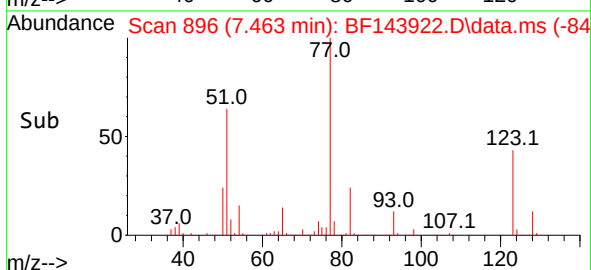
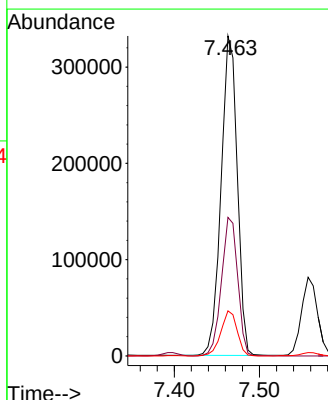
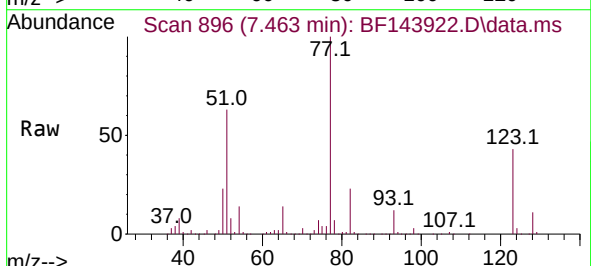
Delta R.T. -0.012 min

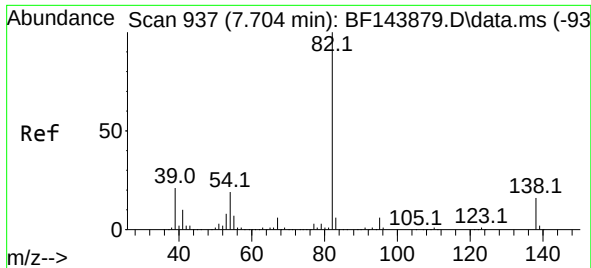
Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Tgt Ion: 77 Resp: 437719

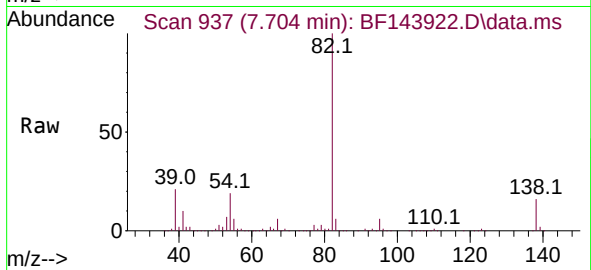
Ion	Ratio	Lower	Upper
77	100		
123	43.3	34.2	51.4
65	14.1	11.0	16.6





#25
Isophorone
Concen: 44.270 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

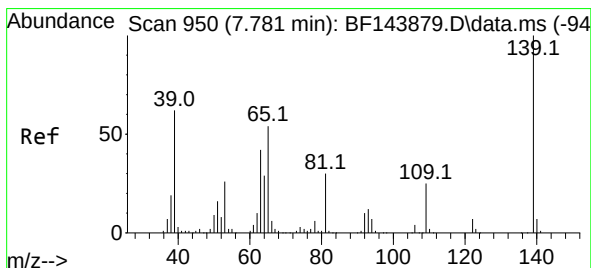
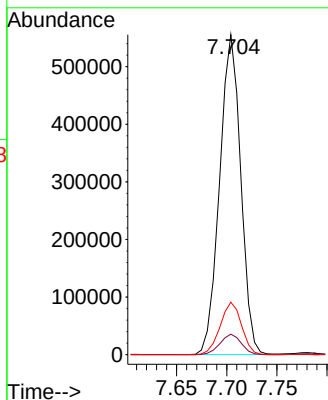
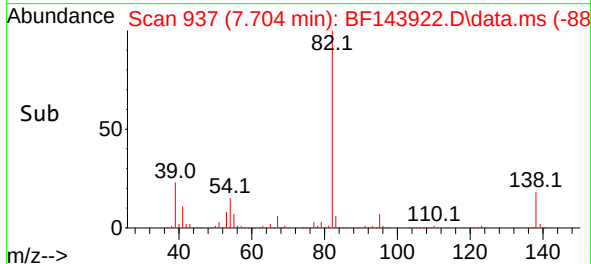
Instrument :
BNA_F
ClientSampleId :
PB170055BS



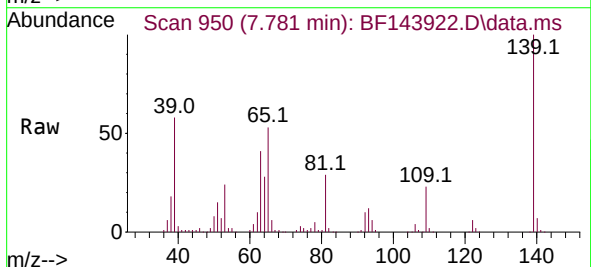
Tgt Ion: 82 Resp: 816037
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 16.4 12.9 19.3

Manual Integrations
APPROVED

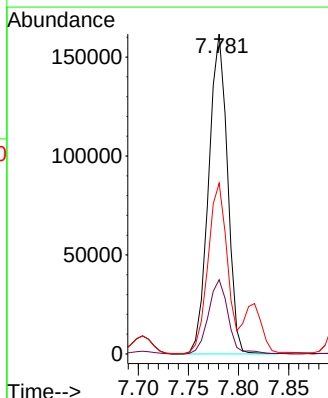
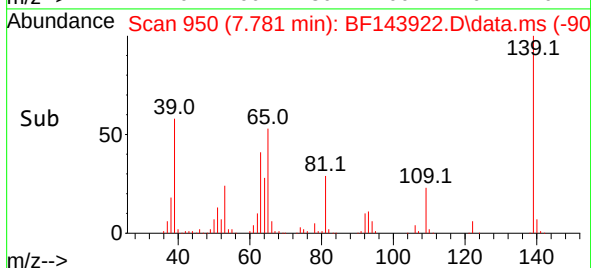
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

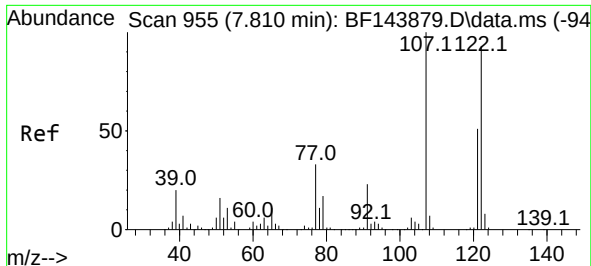


#26
2-Nitrophenol
Concen: 50.677 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



Tgt Ion:139 Resp: 210928
Ion Ratio Lower Upper
139 100
109 23.2 19.8 29.6
65 53.4 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 47.895 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB170055BS

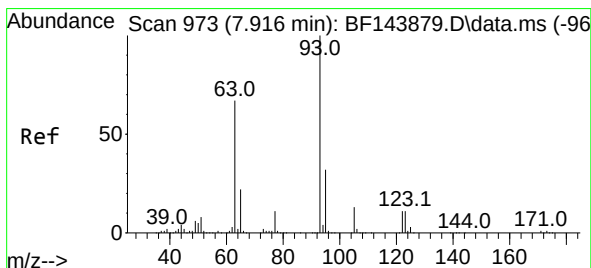
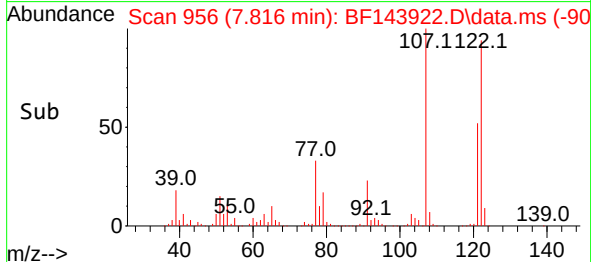
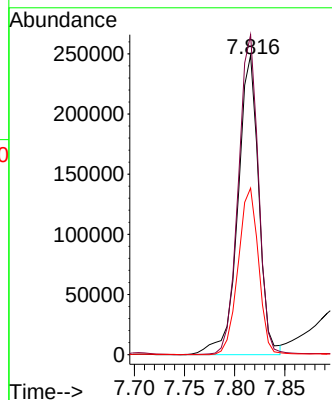
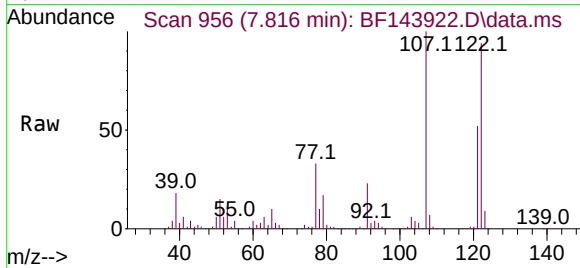
Tgt Ion:122 Resp: 35860

Ion	Ratio	Lower	Upper
122	100		
107	106.9	86.1	129.1
121	55.6	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.767 ng

RT: 7.910 min Scan# 972

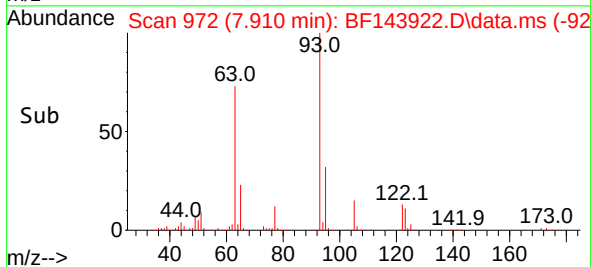
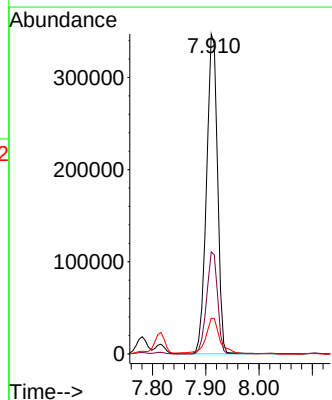
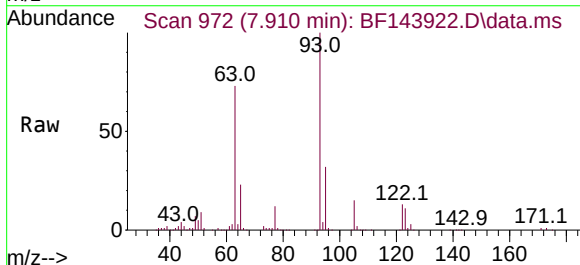
Delta R.T. -0.012 min

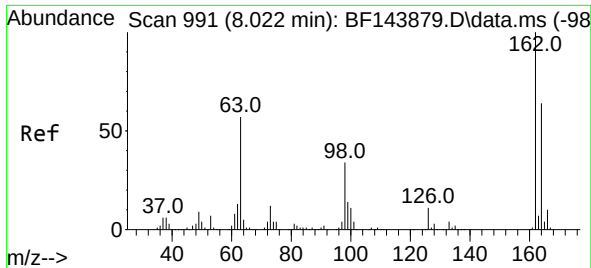
Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Tgt Ion: 93 Resp: 497976

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.9	38.9
123	11.1	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 43.804 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

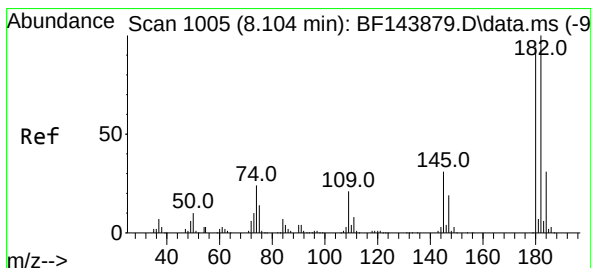
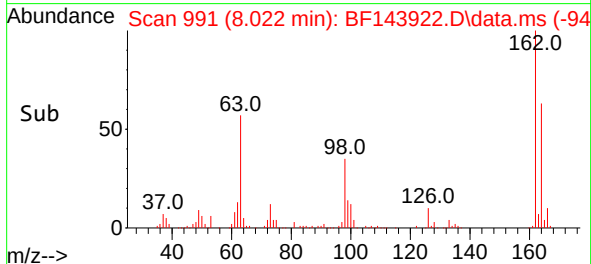
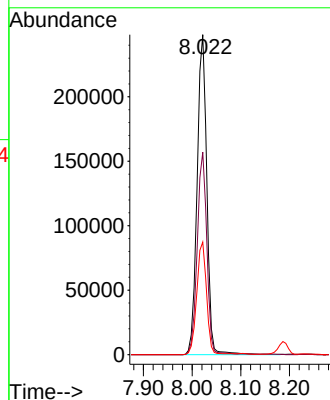
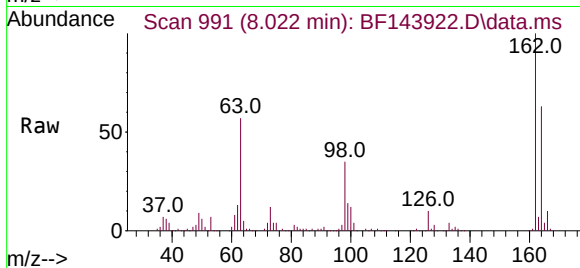
PB170055BS

Tgt Ion:162 Resp: 341625
 Ion Ratio Lower Upper
 162 100
 164 63.3 43.9 83.9
 98 35.2 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
 Supervised By :mohammad ahmed 10/15/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.909 ng

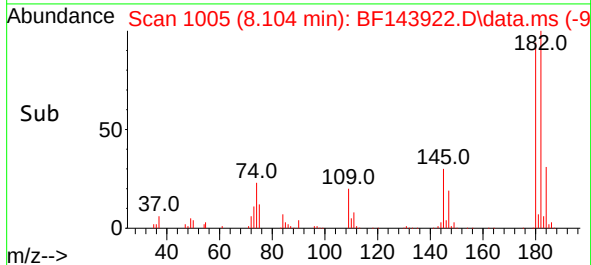
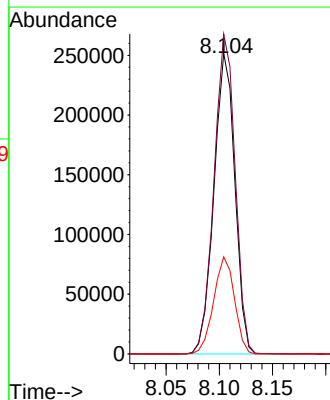
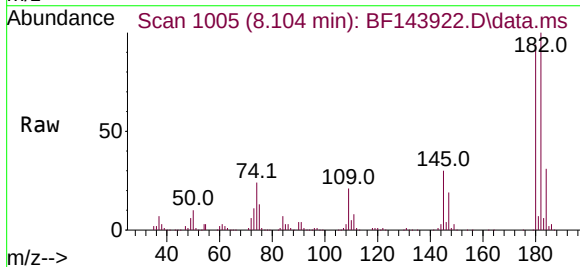
RT: 8.104 min Scan# 1005

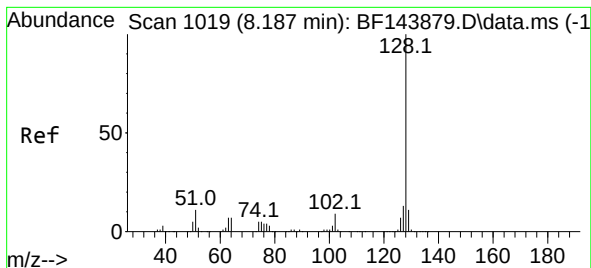
Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Tgt Ion:180 Resp: 344458
 Ion Ratio Lower Upper
 180 100
 182 106.5 85.4 128.0
 145 32.3 26.3 39.5





#31
Naphthalene
Concen: 41.942 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

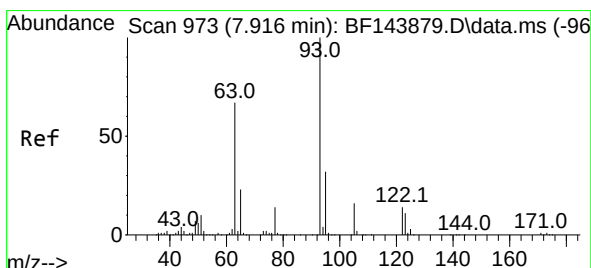
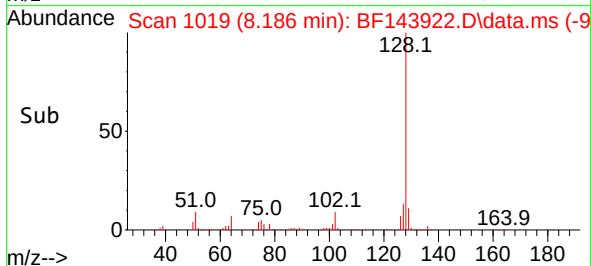
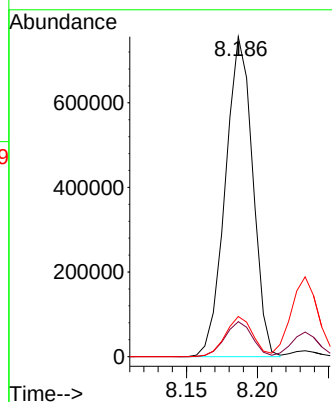
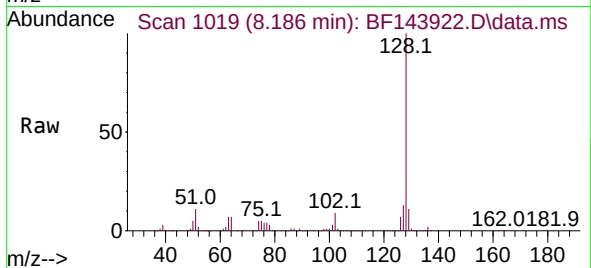
PB170055BS

Tgt Ion:128 Resp: 101334
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.5 10.0 15.0

Manual Integrations

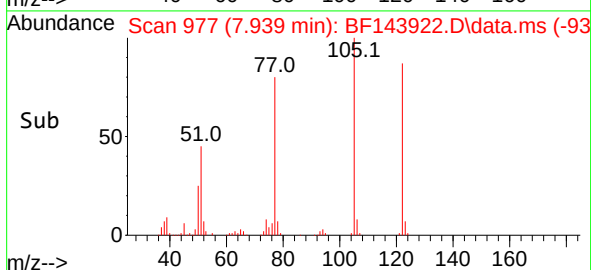
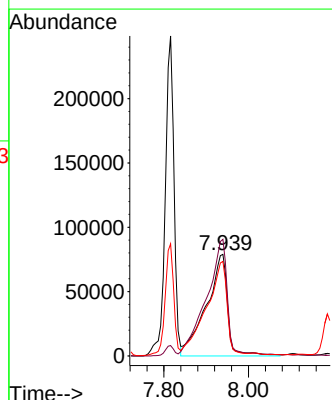
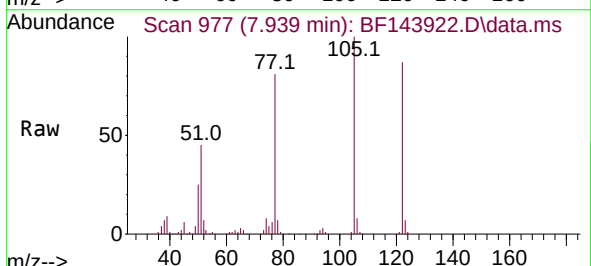
APPROVED

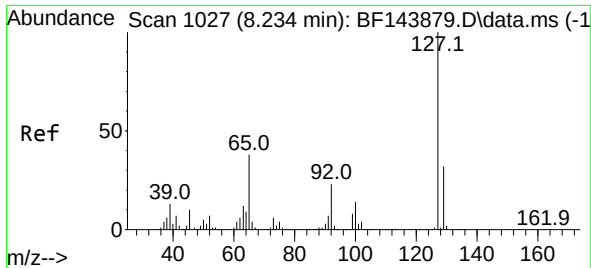
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#32
Benzoic acid
Concen: 53.512 ng m
RT: 7.939 min Scan# 977
Delta R.T. -0.023 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Tgt Ion:122 Resp: 277288
Ion Ratio Lower Upper
122 100
105 114.9 93.5 133.5
77 93.1 76.3 116.3





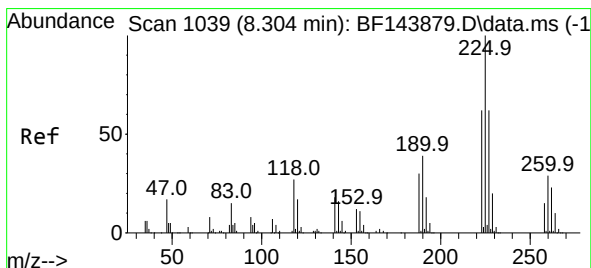
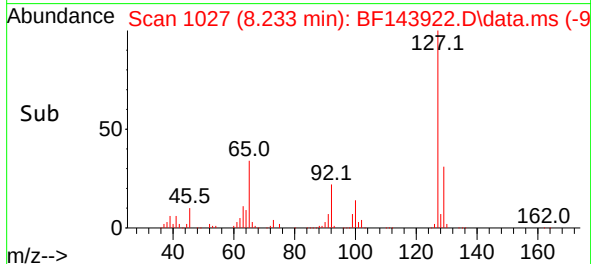
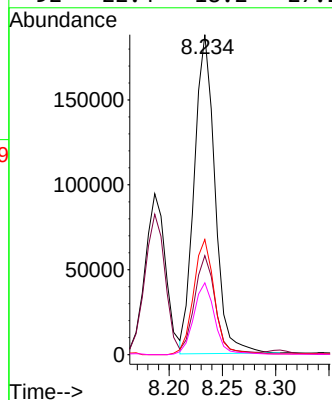
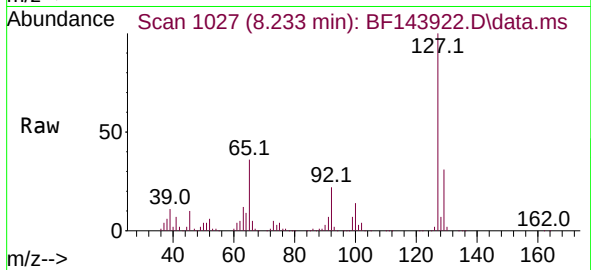
#33
4-Chloroaniline
Concen: 27.953 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
PB170055BS

Tgt Ion:127	Resp: 253290
Ion Ratio	Lower Upper
127 100	
129 30.9	25.8 38.8
65 36.0	30.0 45.0
92 22.4	18.2 27.2

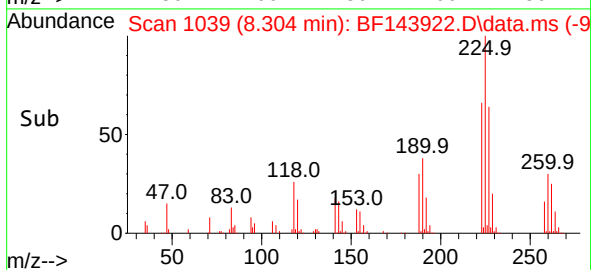
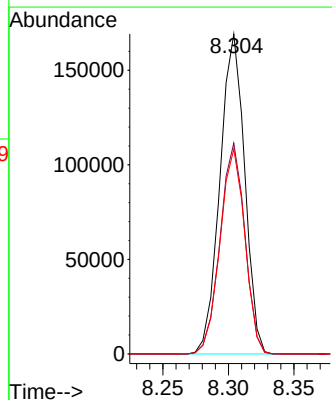
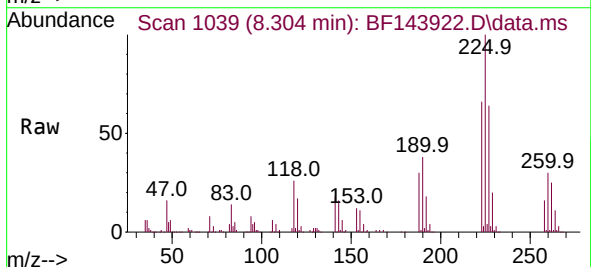
Manual Integrations
APPROVED

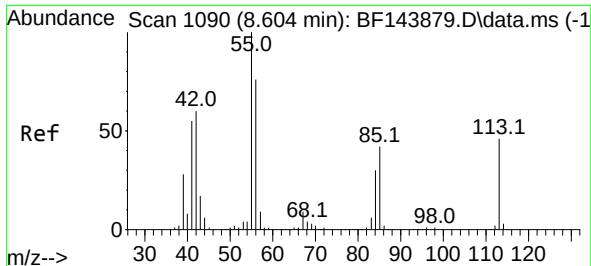
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#34
Hexachlorobutadiene
Concen: 41.683 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

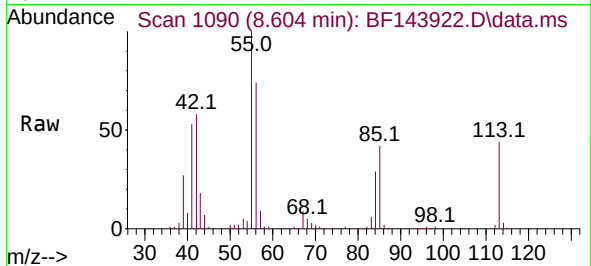
Tgt Ion:225	Resp: 222169
Ion Ratio	Lower Upper
225 100	
223 65.9	49.4 74.2
227 64.0	49.7 74.5





#35
Caprolactam
Concen: 47.710 ng m
RT: 8.604 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

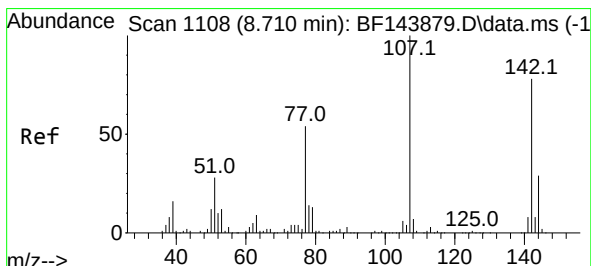
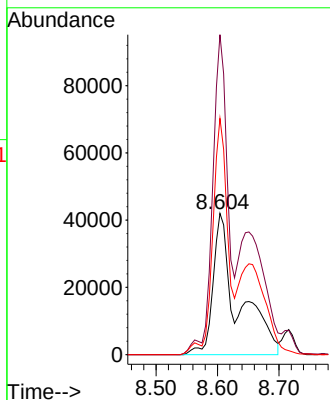
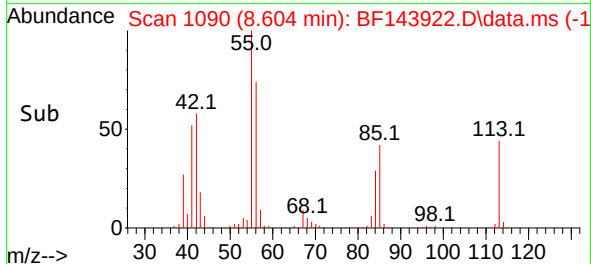
Instrument :
BNA_F
ClientSampleId :
PB170055BS



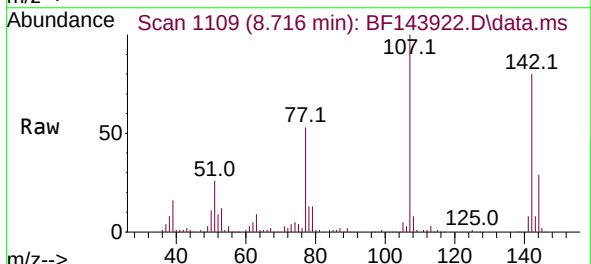
Tgt Ion:113 Resp: 118309
Ion Ratio Lower Upper
113 100
55 226.7 199.6 239.6
56 167.4 146.0 186.0

Manual Integrations
APPROVED

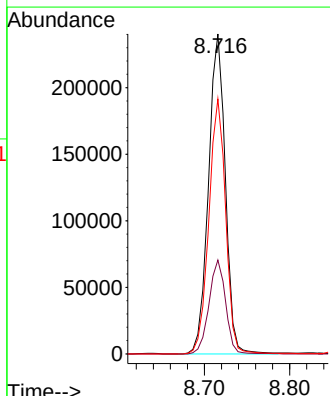
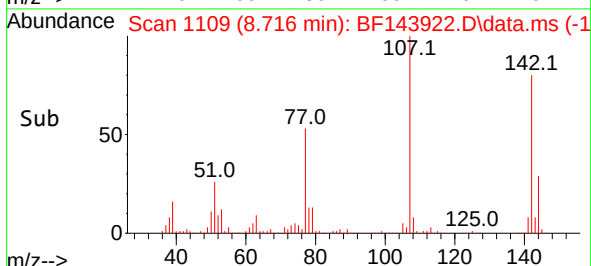
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

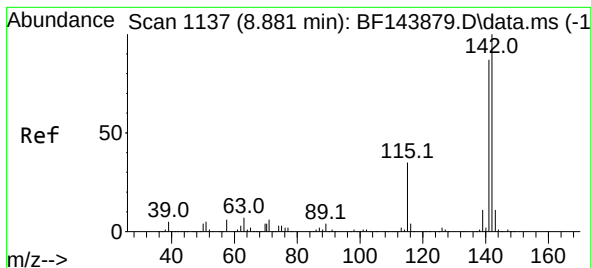


#36
4-Chloro-3-methylphenol
Concen: 44.054 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



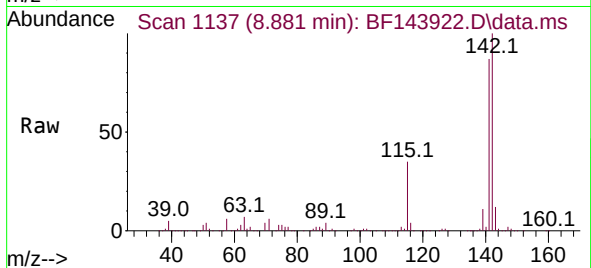
Tgt Ion:107 Resp: 330029
Ion Ratio Lower Upper
107 100
144 29.3 23.1 34.7
142 79.7 62.6 94.0





#37
2-Methylnaphthalene
Concen: 38.756 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

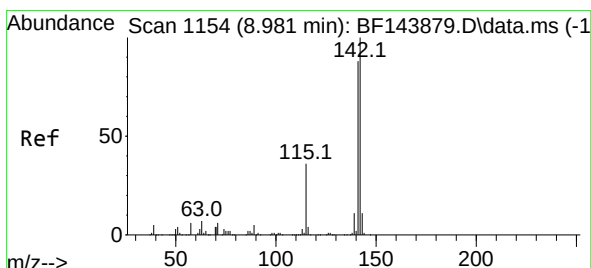
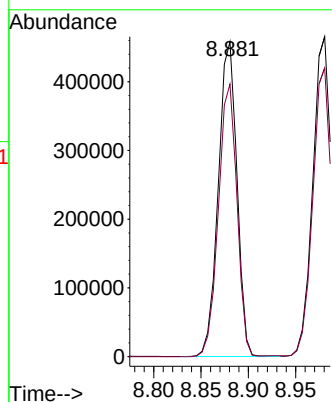
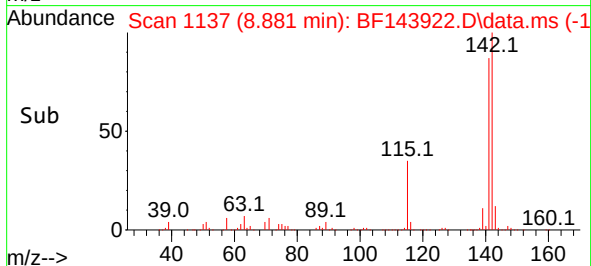
Instrument :
BNA_F
ClientSampleId :
PB170055BS



Tgt Ion:142 Resp: 623726
Ion Ratio Lower Upper
142 100
141 86.6 69.2 103.8

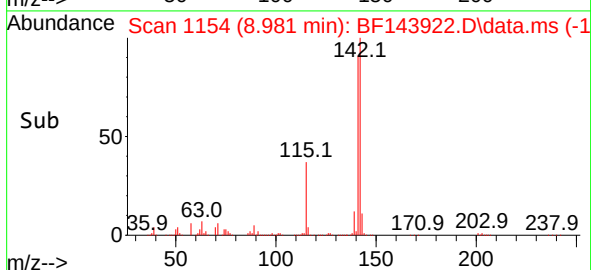
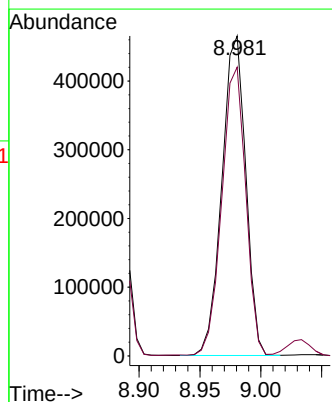
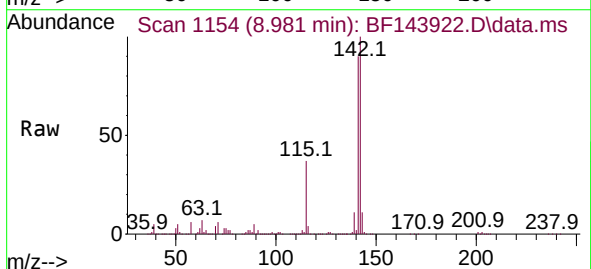
Manual Integrations
APPROVED

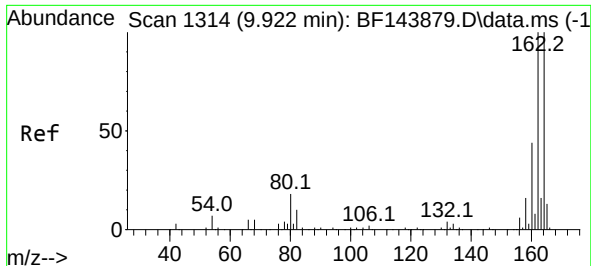
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#38
1-Methylnaphthalene
Concen: 40.694 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Tgt Ion:142 Resp: 635252
Ion Ratio Lower Upper
142 100
141 90.2 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: BF143922.D

Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB170055BS

Tgt Ion:164 Resp: 29808

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.2

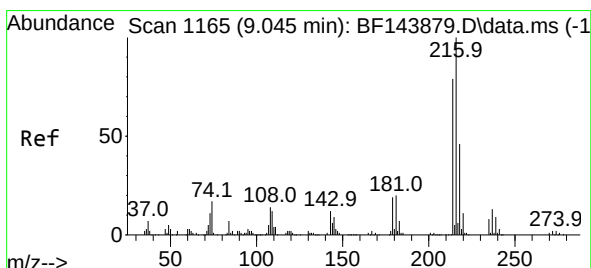
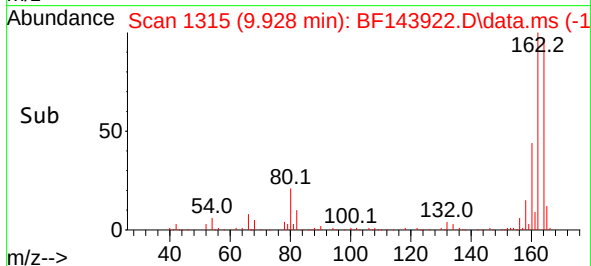
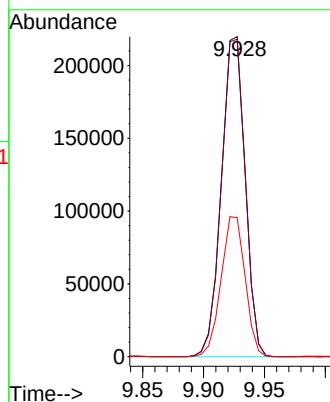
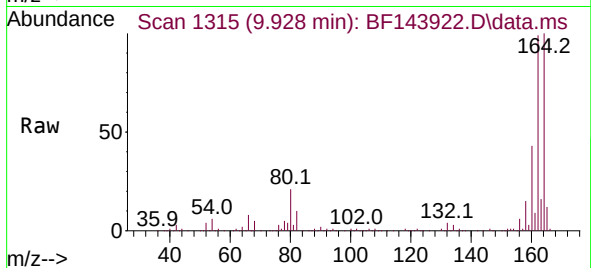
160 43.4 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025

Supervised By :mohammad ahmed 10/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.197 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Tgt Ion:216 Resp: 347645

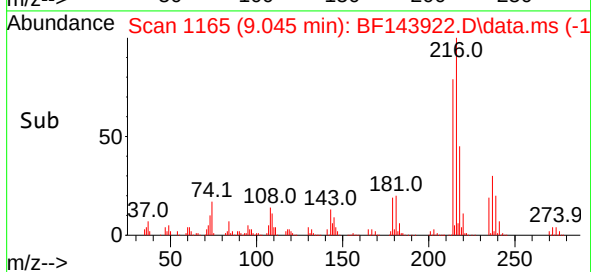
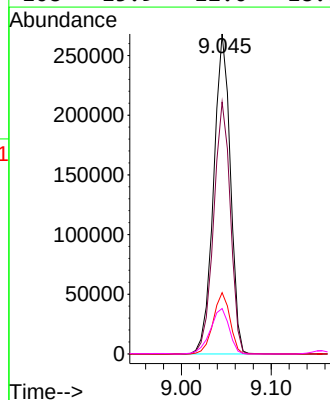
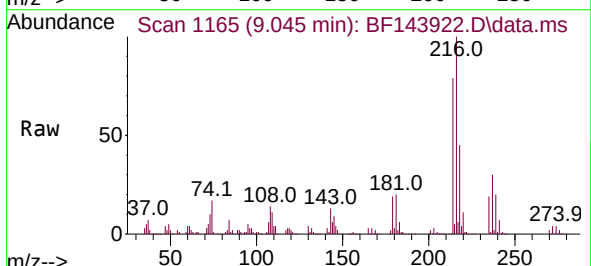
Ion Ratio Lower Upper

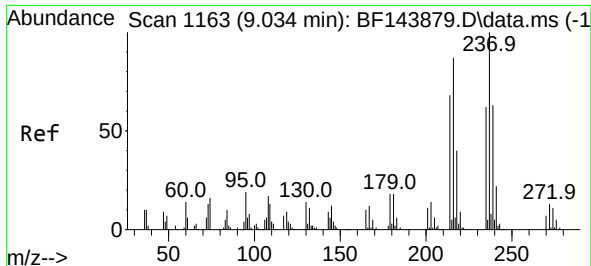
216 100

214 78.5 62.6 94.0

179 19.1 15.4 23.0

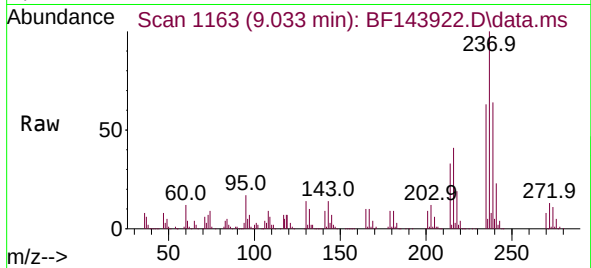
108 15.9 12.0 18.0





#41
Hexachlorocyclopentadiene
Concen: 96.771 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

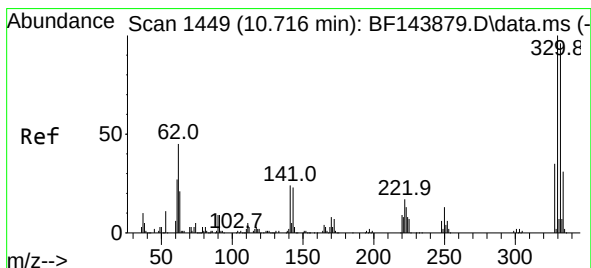
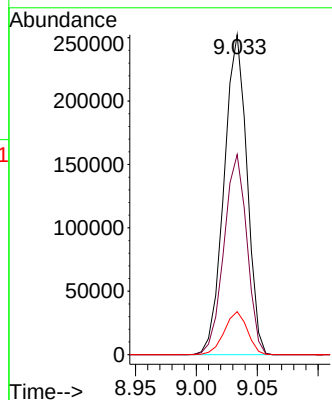
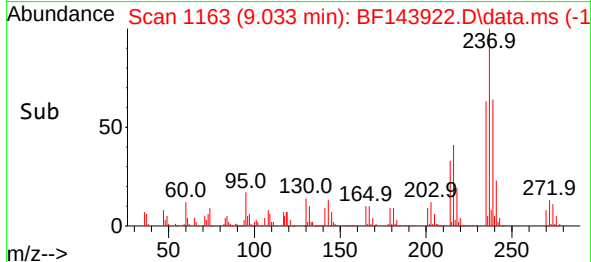
Instrument :
BNA_F
ClientSampleId :
PB170055BS



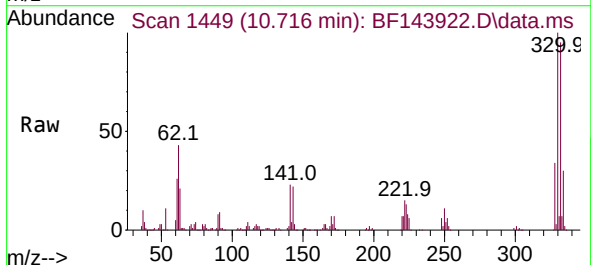
Tgt Ion: 237 Resp: 330748
Ion Ratio Lower Upper
237 100
235 62.5 42.3 82.3
272 13.4 0.0 33.1

Manual Integrations
APPROVED

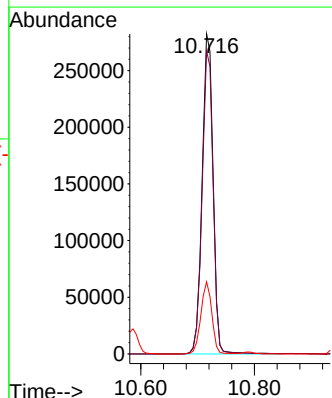
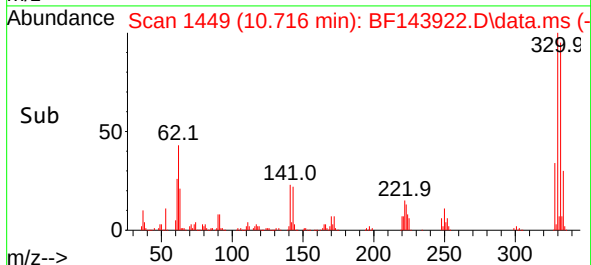
Reviewed By : Jagrut Upadhyay 10/13/2025
Supervised By : mohammad ahmed 10/15/2025

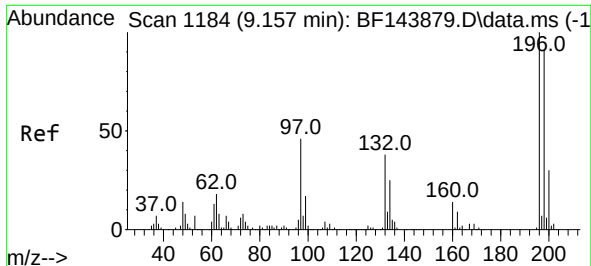


#42
2,4,6-Tribromophenol
Concen: 127.127 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



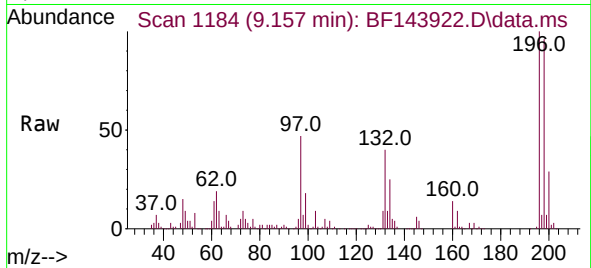
Tgt Ion: 330 Resp: 377434
Ion Ratio Lower Upper
330 100
332 94.7 76.9 115.3
141 22.5 20.2 30.4





#43
2,4,6-Trichlorophenol
Concen: 43.080 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

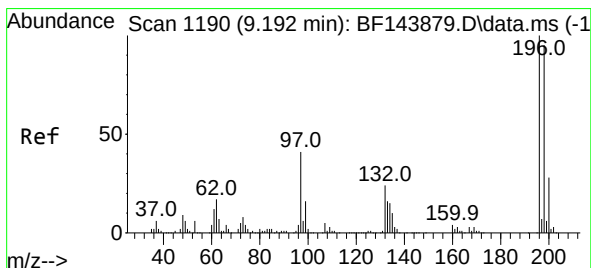
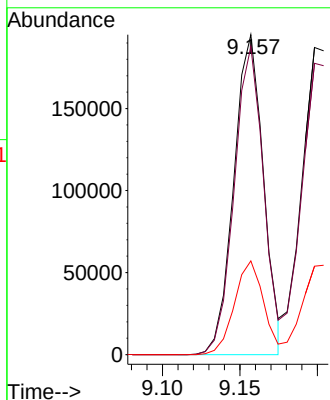
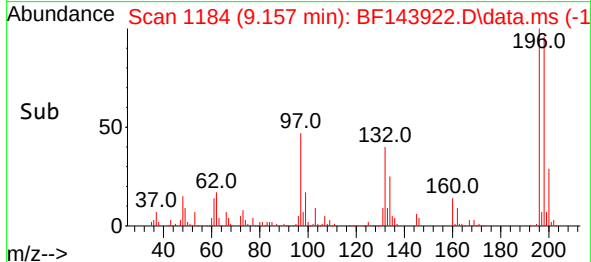
Instrument :
BNA_F
ClientSampleId :
PB170055BS



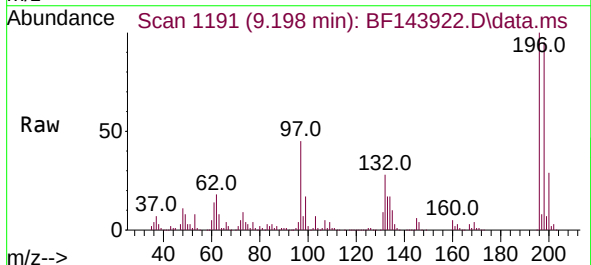
Tgt Ion:196 Resp: 25932
Ion Ratio Lower Upper
196 100
198 96.3 72.8 109.2
200 29.3 24.0 36.0

Manual Integrations
APPROVED

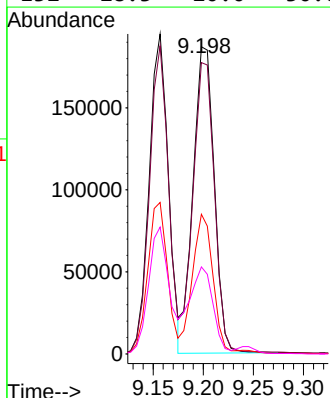
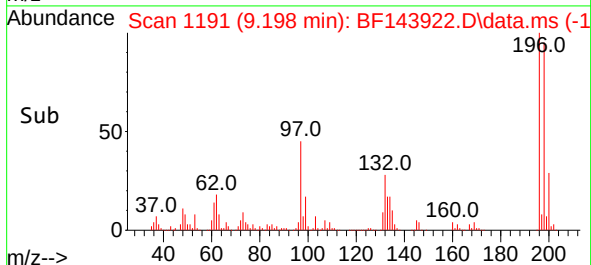
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

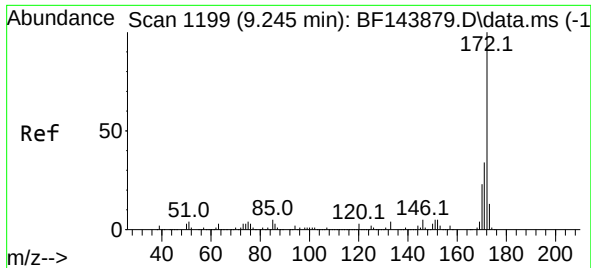


#44
2,4,5-Trichlorophenol
Concen: 43.227 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



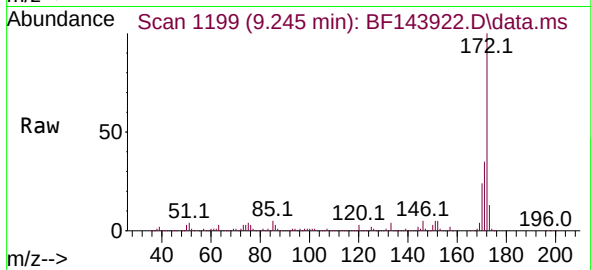
Tgt Ion:196 Resp: 274979
Ion Ratio Lower Upper
196 100
198 94.8 75.5 113.3
97 45.4 33.9 50.9
132 28.3 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 74.474 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

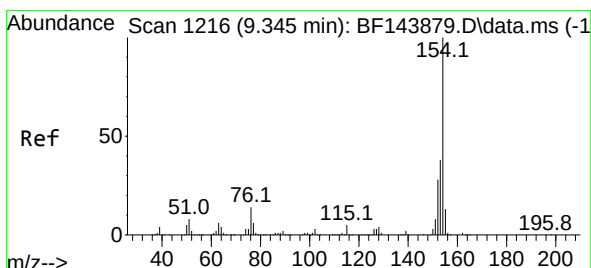
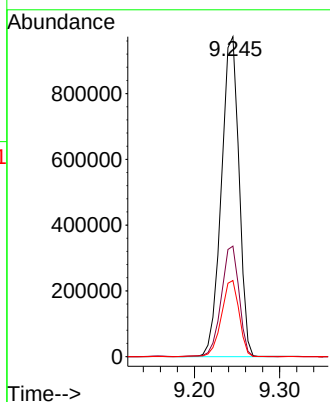
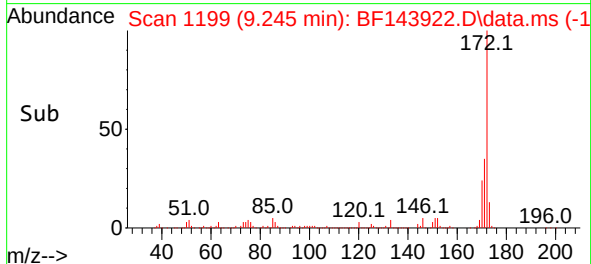
Instrument :
BNA_F
ClientSampleId :
PB170055BS



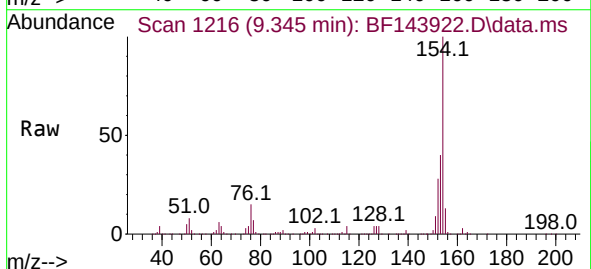
Tgt Ion:172 Resp: 139905
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.0
170 23.8 18.6 28.0

Manual Integrations
APPROVED

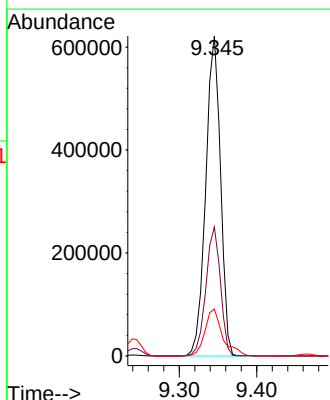
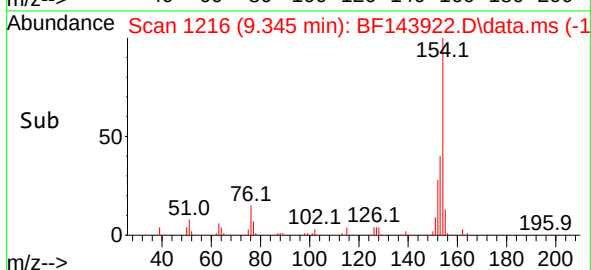
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

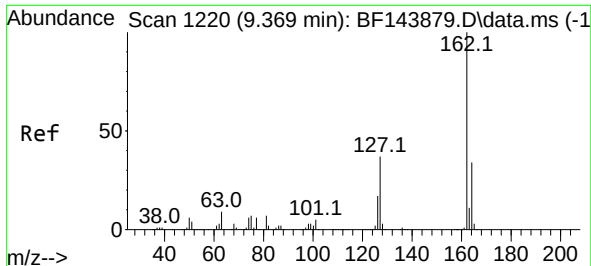


#46
1,1'-Biphenyl
Concen: 41.647 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



Tgt Ion:154 Resp: 821921
Ion Ratio Lower Upper
154 100
153 40.3 18.4 58.4
76 14.7 0.0 34.0





#47

2-Chloronaphthalene

Concen: 41.751 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

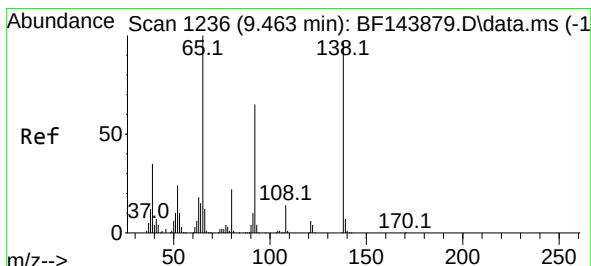
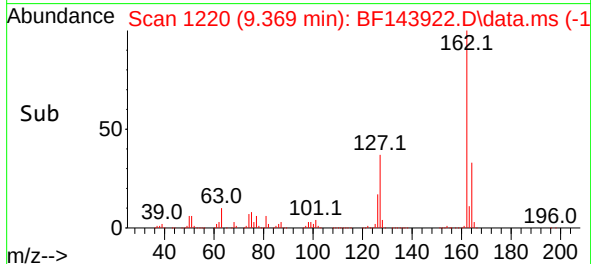
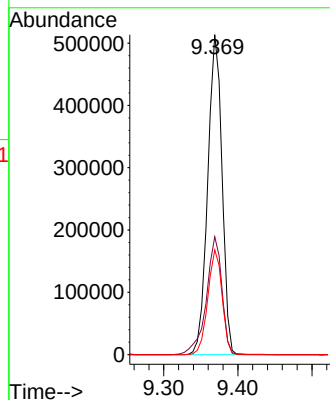
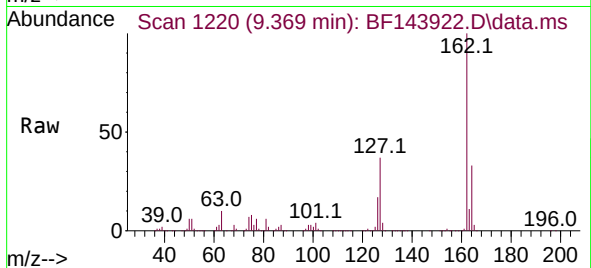
PB170055BS

Tgt Ion:162 Resp: 687001
 Ion Ratio Lower Upper
 162 100
 127 36.8 30.2 45.2
 164 32.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
 Supervised By :mohammad ahmed 10/15/2025



#48

2-Nitroaniline

Concen: 48.504 ng

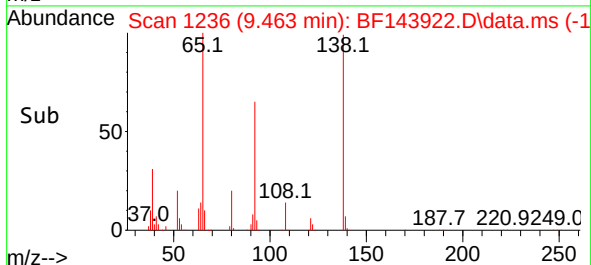
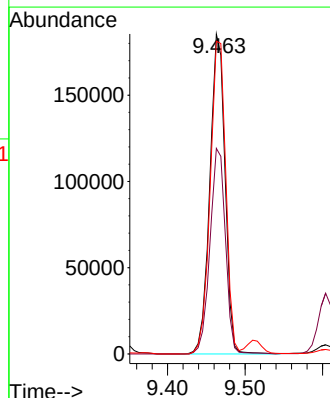
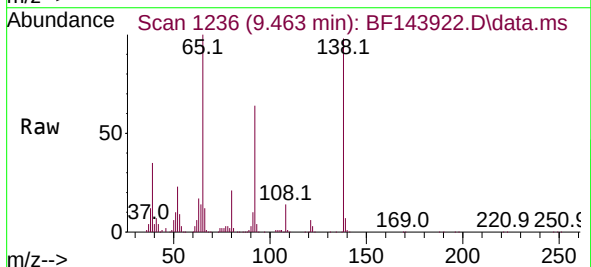
RT: 9.463 min Scan# 1236

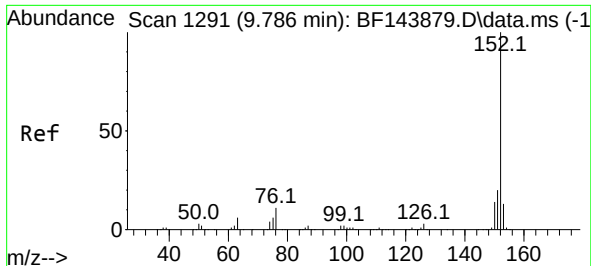
Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

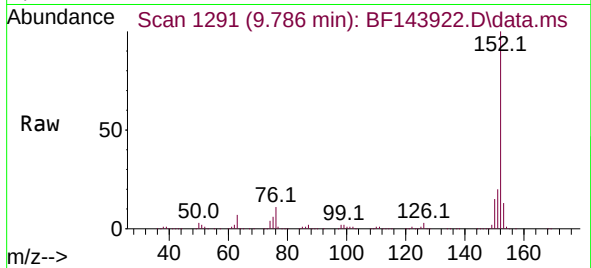
Tgt Ion: 65 Resp: 252328
 Ion Ratio Lower Upper
 65 100
 92 64.2 52.1 78.1
 138 97.7 77.4 116.2





#49
Acenaphthylene
Concen: 45.927 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

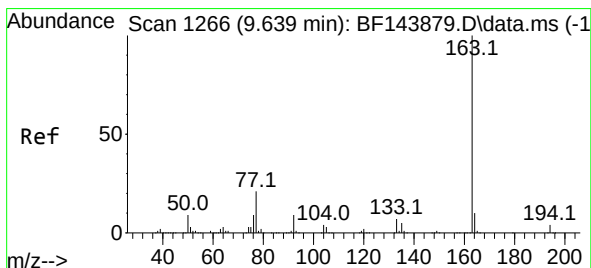
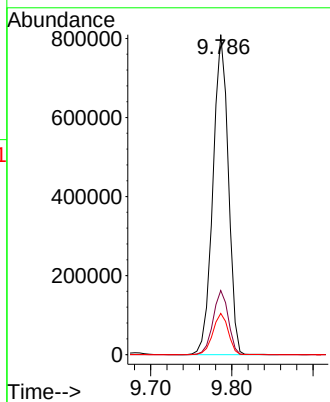
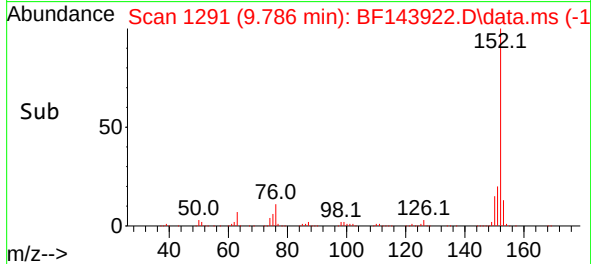
Instrument :
BNA_F
ClientSampleId :
PB170055BS



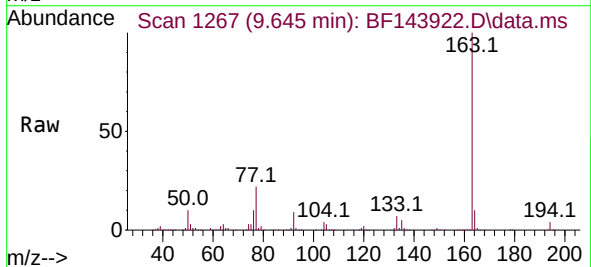
Tgt Ion:152 Resp: 1062434
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 12.9 10.5 15.7

Manual Integrations
APPROVED

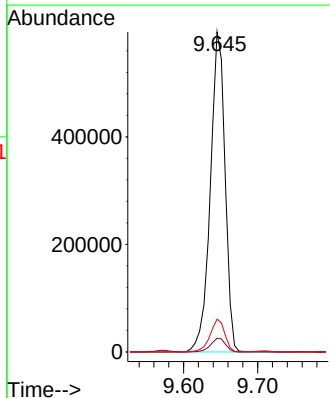
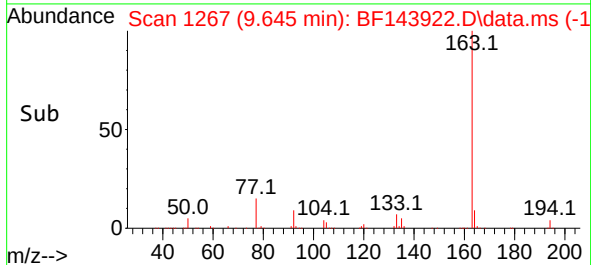
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

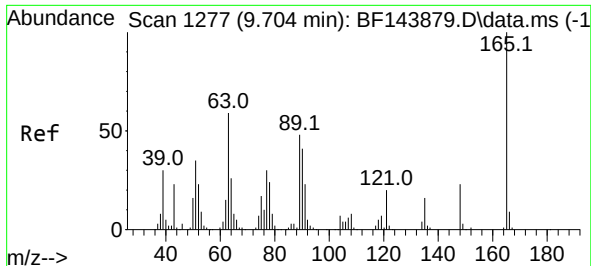


#50
Dimethylphthalate
Concen: 43.420 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



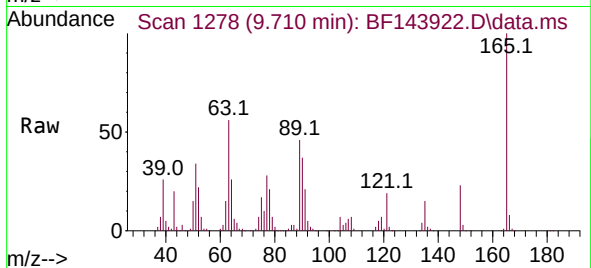
Tgt Ion:163 Resp: 821921
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.949 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

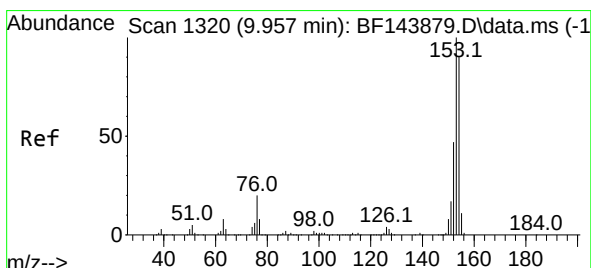
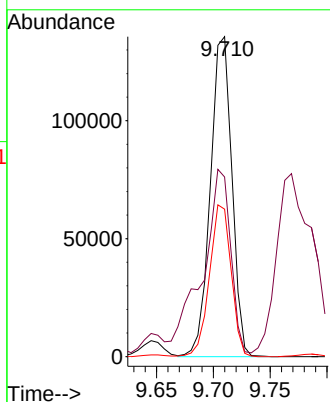
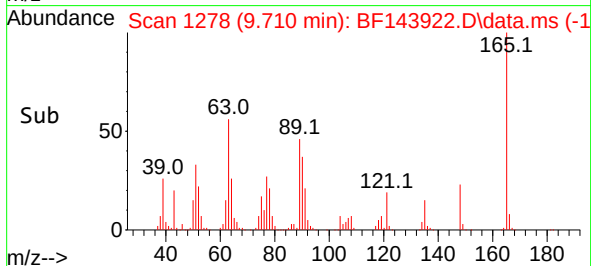
Instrument :
BNA_F
ClientSampleId :
PB170055BS



Tgt Ion:165 Resp: 178835
Ion Ratio Lower Upper
165 100
63 56.1 47.3 70.9
89 46.1 38.2 57.4

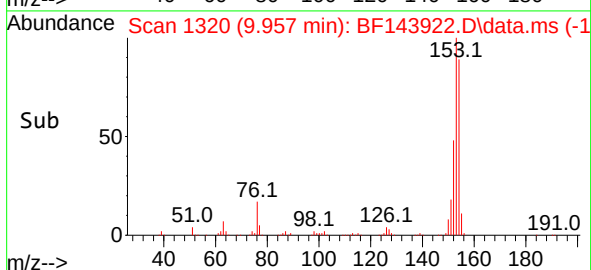
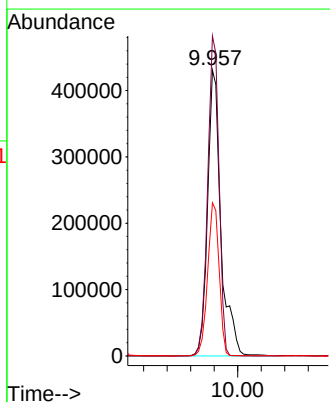
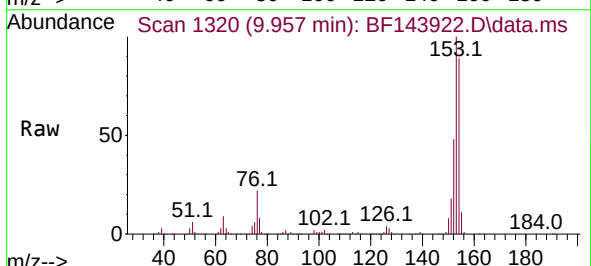
Manual Integrations
APPROVED

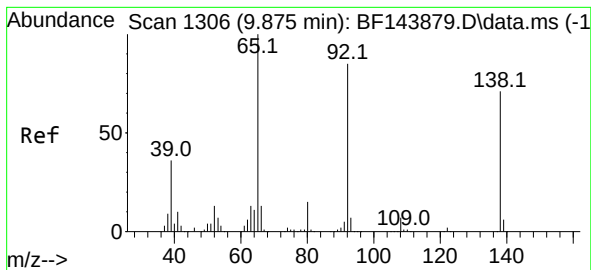
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#52
Acenaphthene
Concen: 44.823 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

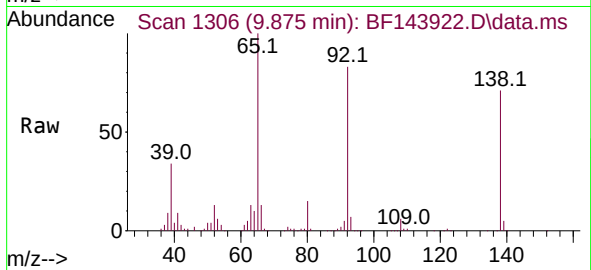
Tgt Ion:154 Resp: 679433
Ion Ratio Lower Upper
154 100
153 112.0 89.3 133.9
152 53.6 42.2 63.2





#53
3-Nitroaniline
Concen: 36.492 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

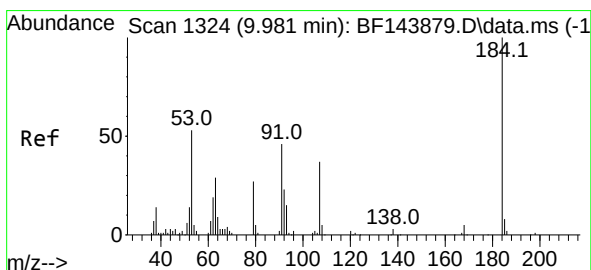
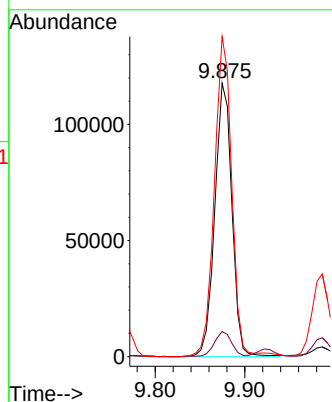
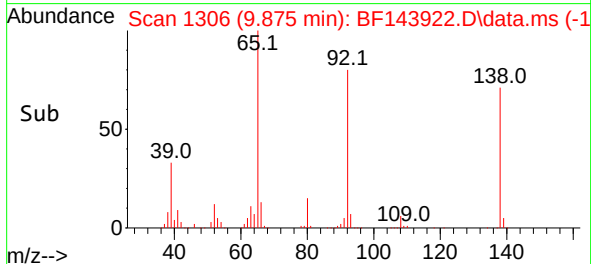
Instrument :
BNA_F
ClientSampleId :
PB170055BS



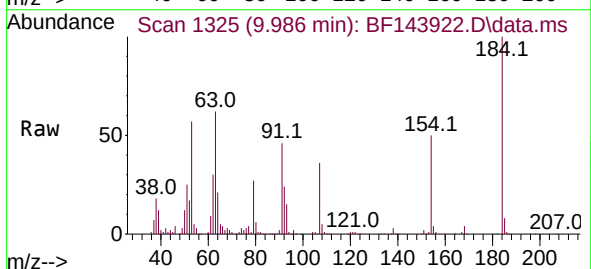
Tgt Ion:138 Resp: 15684
Ion Ratio Lower Upper
138 100
108 9.2 8.3 12.5
92 117.0 96.2 144.2

Manual Integrations
APPROVED

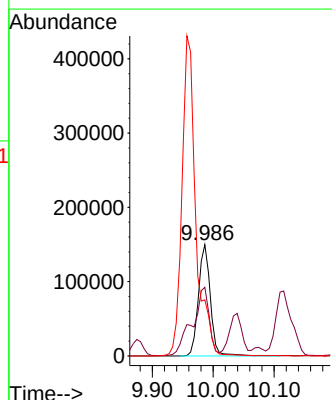
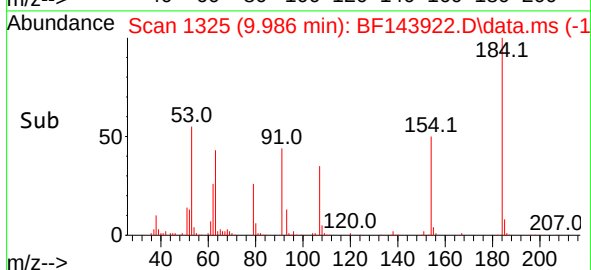
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

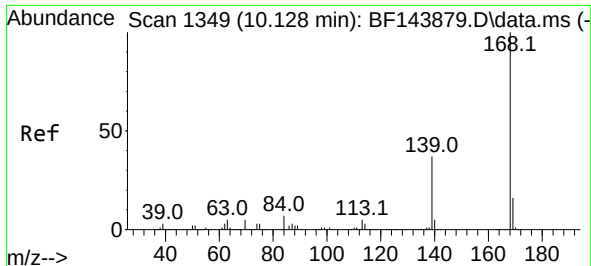


#54
2,4-Dinitrophenol
Concen: 92.847 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



Tgt Ion:184 Resp: 203669
Ion Ratio Lower Upper
184 100
63 61.6 48.2 72.4
154 50.4 49.2 73.8





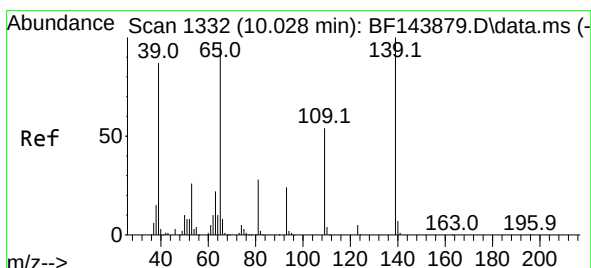
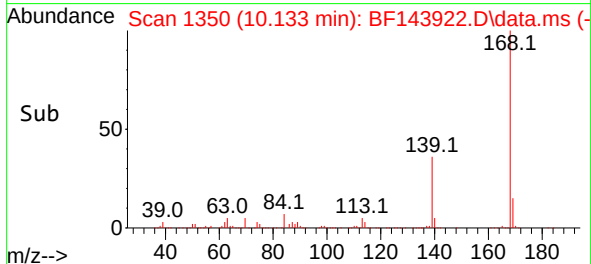
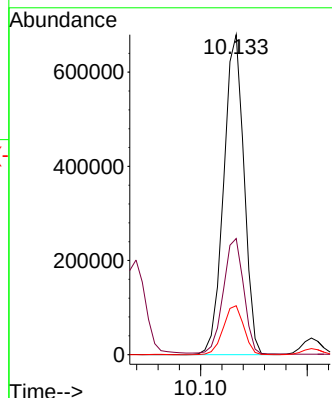
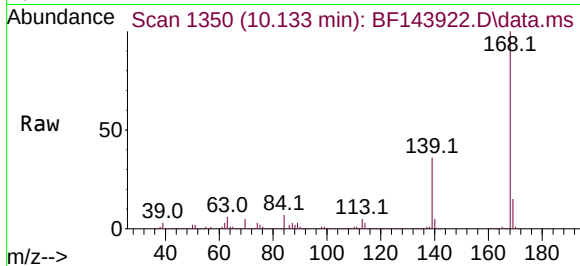
#55
Dibenzofuran
Concen: 41.989 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
PB170055BS

Tgt Ion:168 Resp: 898449
Ion Ratio Lower Upper
168 100
139 36.3 29.8 44.8
169 15.3 12.8 19.2

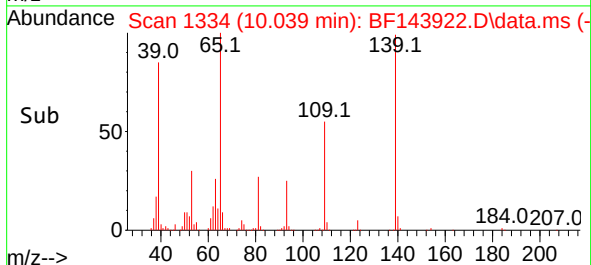
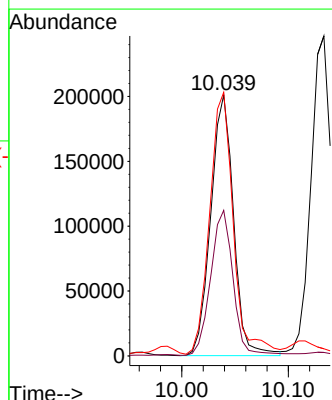
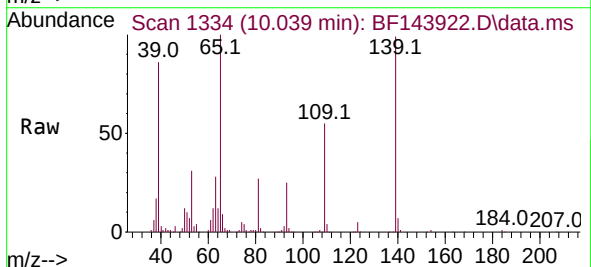
Manual Integrations
APPROVED

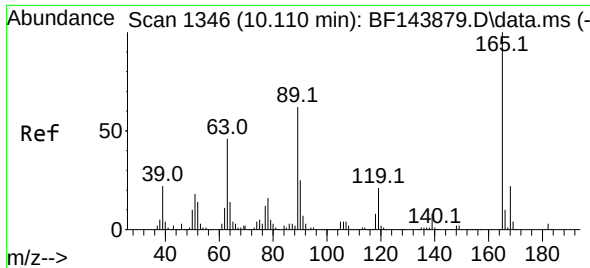
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#56
4-Nitrophenol
Concen: 91.861 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Tgt Ion:139 Resp: 298937
Ion Ratio Lower Upper
139 100
109 55.8 34.5 74.5
65 101.1 77.6 117.6





#57
2,4-Dinitrotoluene
Concen: 52.353 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

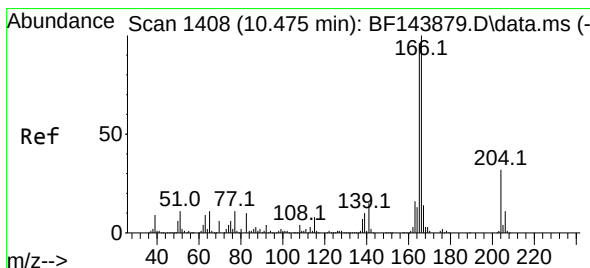
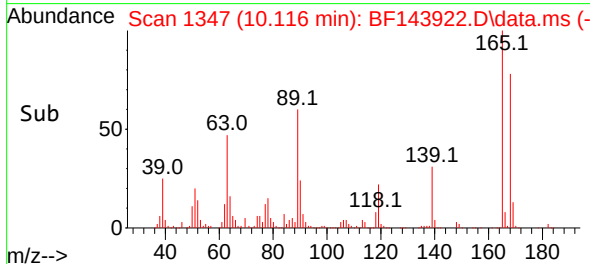
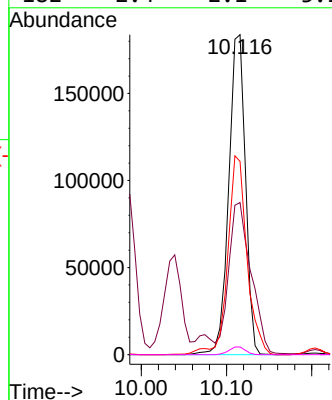
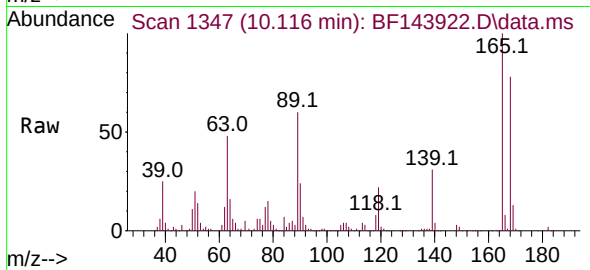
PB170055BS

Tgt Ion:165 Resp: 250033
Ion Ratio Lower Upper
165 100
63 47.5 37.2 55.8
89 60.4 49.4 74.2
182 2.4 2.1 3.1

Manual Integrations

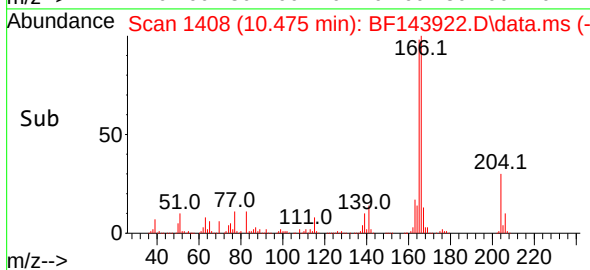
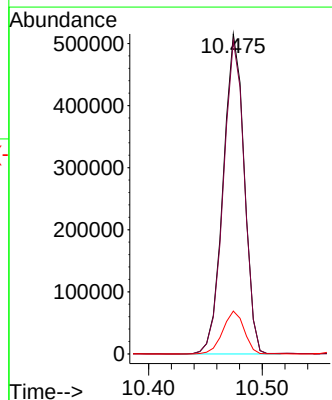
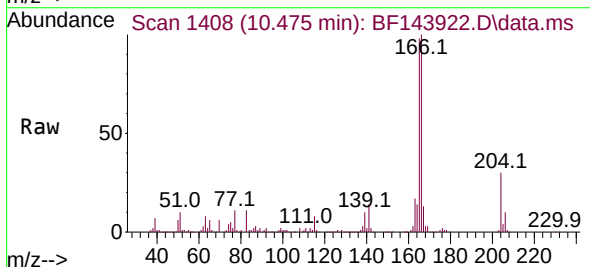
APPROVED

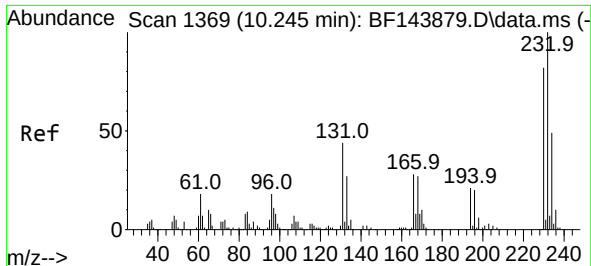
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#58
Fluorene
Concen: 41.100 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

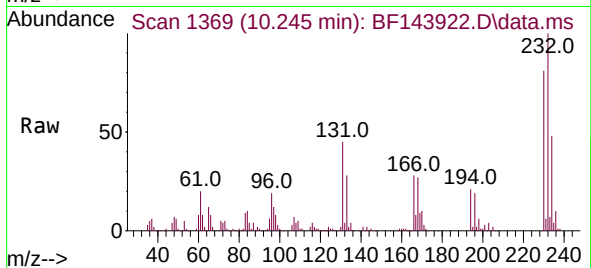
Tgt Ion:166 Resp: 663589
Ion Ratio Lower Upper
166 100
165 97.9 77.0 115.6
167 13.4 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.658 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

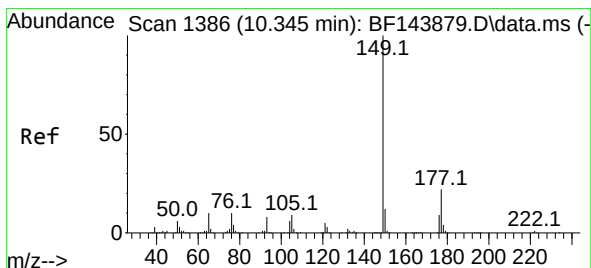
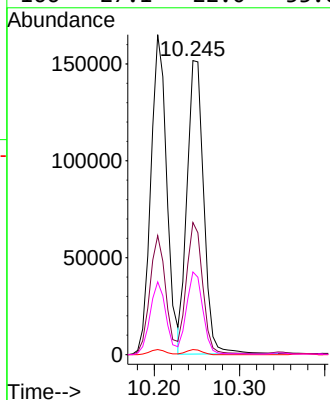
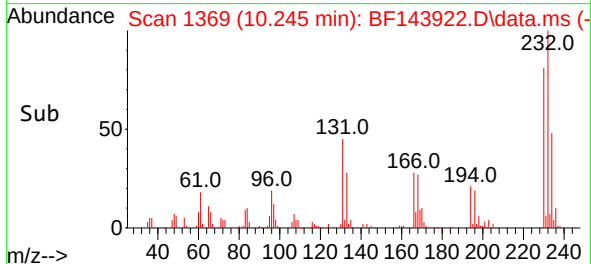
Instrument :
BNA_F
ClientSampleId :
PB170055BS



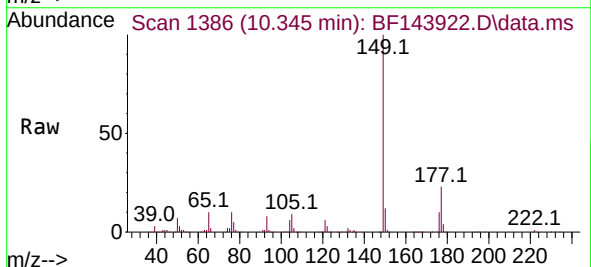
Tgt Ion:232 Resp: 205598
Ion Ratio Lower Upper
232 100
131 43.8 34.9 52.3
130 1.6 1.6 2.4
166 27.1 22.0 33.0

Manual Integrations
APPROVED

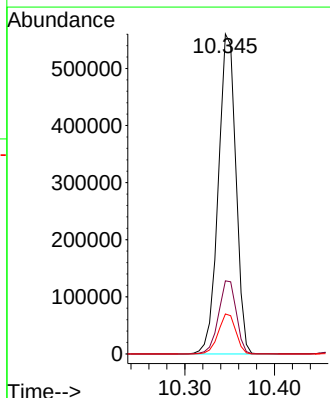
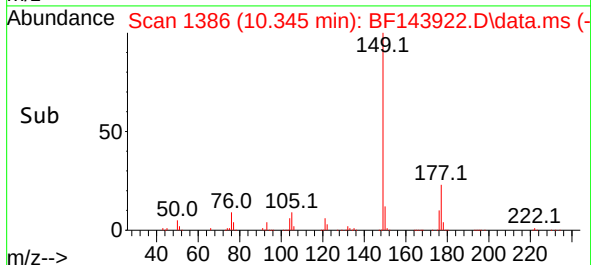
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

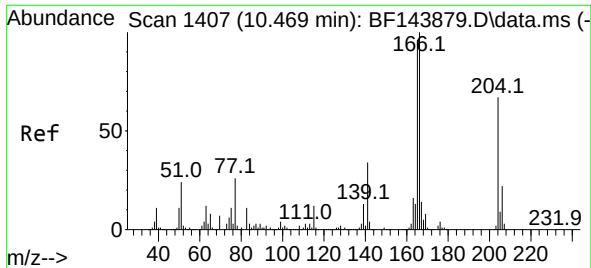


#60
Diethylphthalate
Concen: 43.428 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



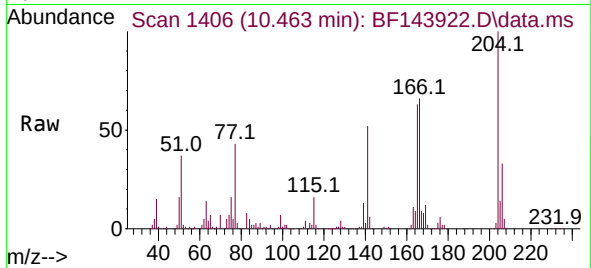
Tgt Ion:149 Resp: 763709
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 41.762 ng
RT: 10.463 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

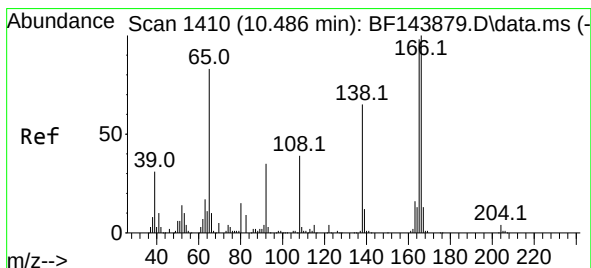
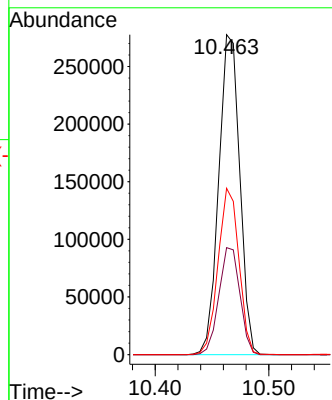
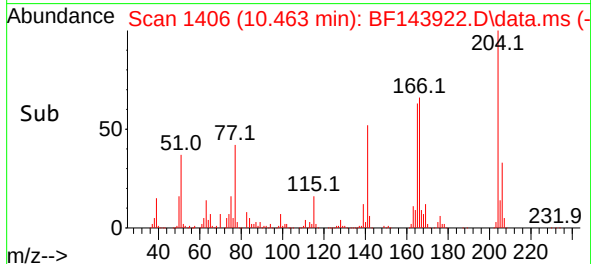
Instrument :
BNA_F
ClientSampleId :
PB170055BS



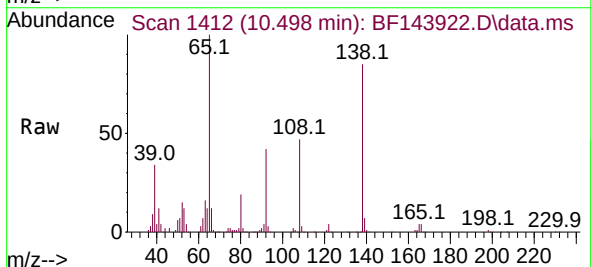
Tgt Ion:204 Resp: 356489
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 52.0 40.4 60.6

Manual Integrations
APPROVED

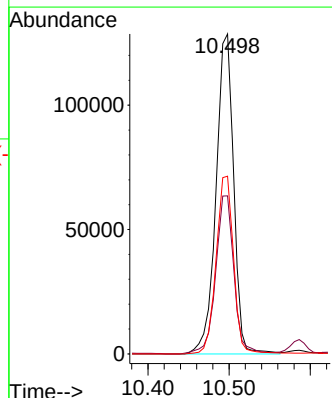
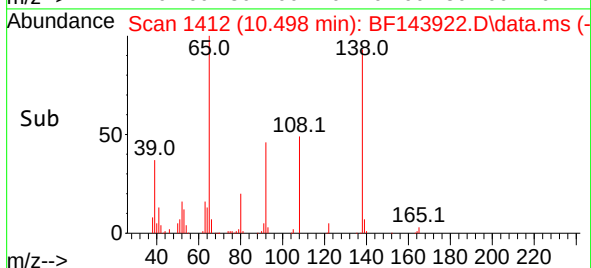
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

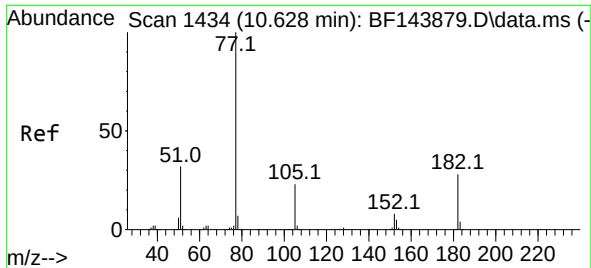


#62
4-Nitroaniline
Concen: 46.933 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



Tgt Ion:138 Resp: 193975
Ion Ratio Lower Upper
138 100
92 49.4 33.9 73.9
108 55.5 40.2 80.2





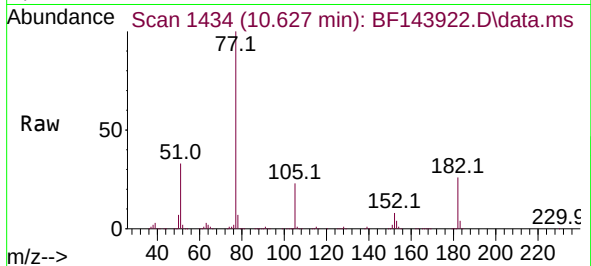
#63
Azobenzene
Concen: 44.779 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB170055BS

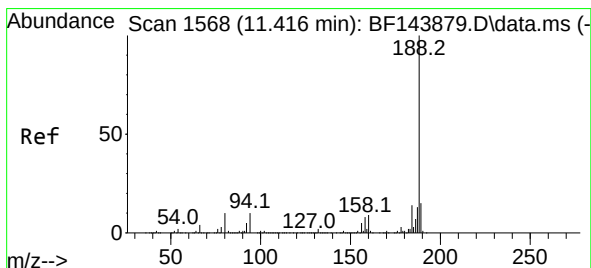
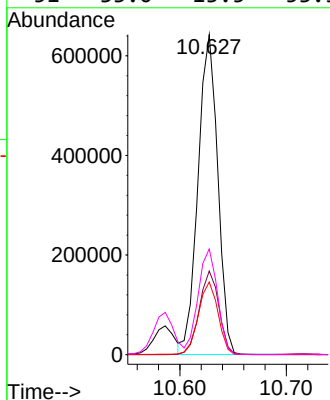
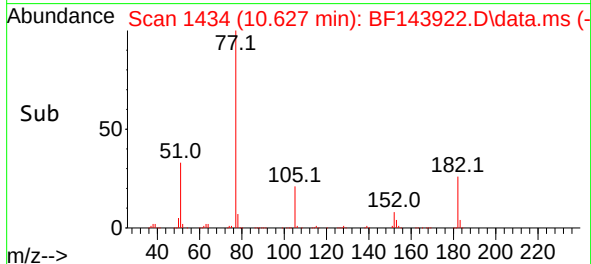


Tgt Ion: 77 Resp: 823005
Ion Ratio Lower Upper
77 100
182 26.1 7.3 47.3
105 22.7 3.0 43.0
51 33.0 13.5 53.5

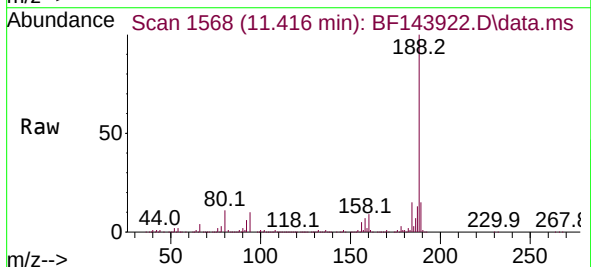
Manual Integrations

APPROVED

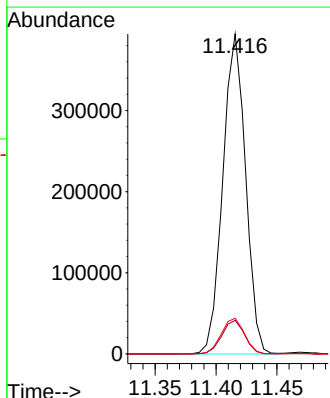
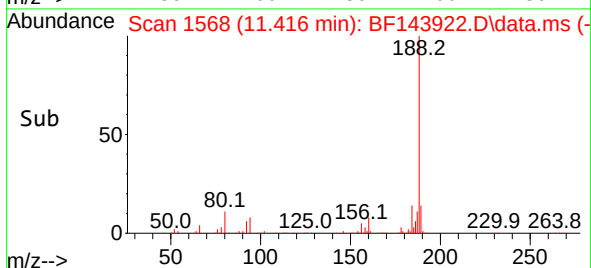
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

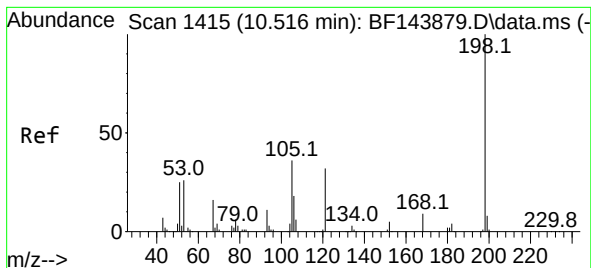


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



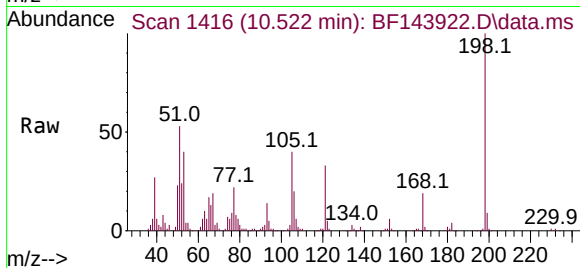
Tgt Ion:188 Resp: 512596
Ion Ratio Lower Upper
188 100
94 10.5 7.8 11.6
80 11.1 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 53.610 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

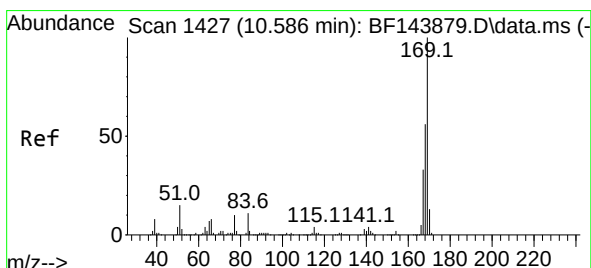
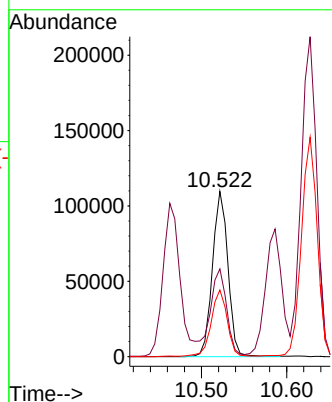
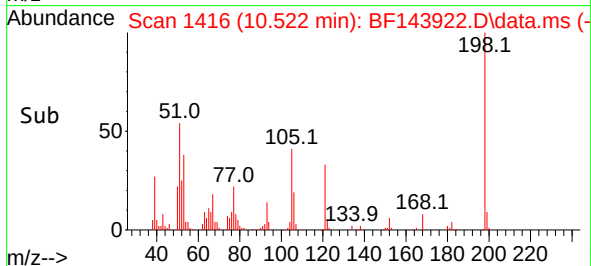
Instrument :
BNA_F
ClientSampleId :
PB170055BS



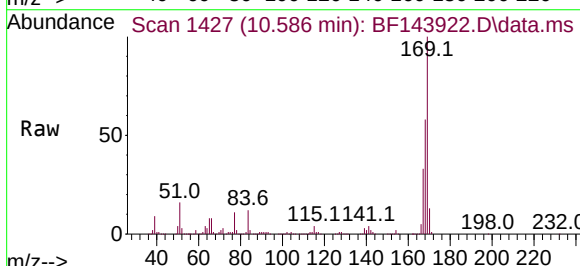
Tgt Ion:198 Resp: 138094
Ion Ratio Lower Upper
198 100
51 53.1 33.8 73.8
105 40.3 17.0 57.0

Manual Integrations
APPROVED

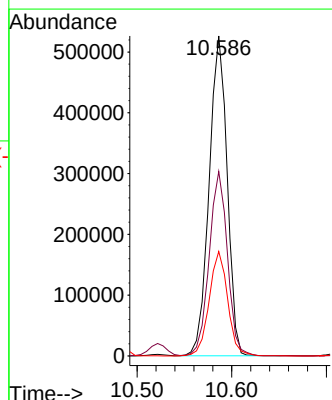
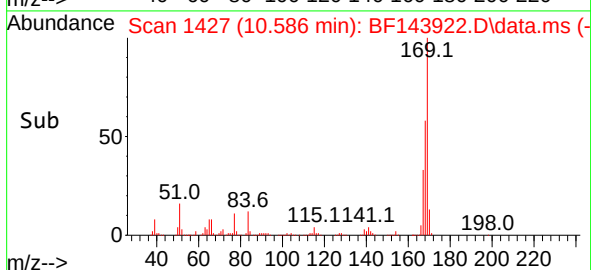
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

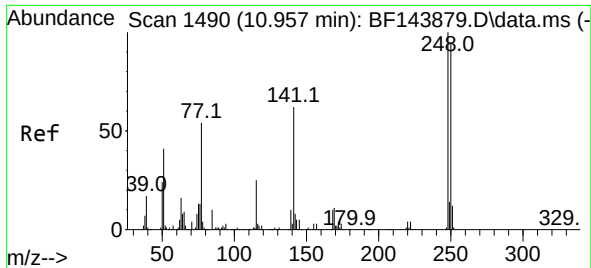


#66
n-Nitrosodiphenylamine
Concen: 43.224 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



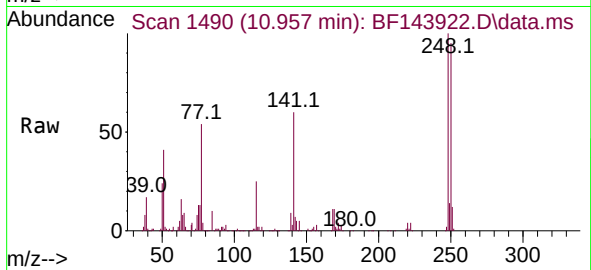
Tgt Ion:169 Resp: 695697
Ion Ratio Lower Upper
169 100
168 57.6 44.9 67.3
167 32.6 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 43.170 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

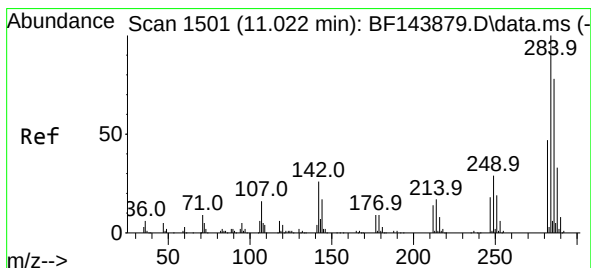
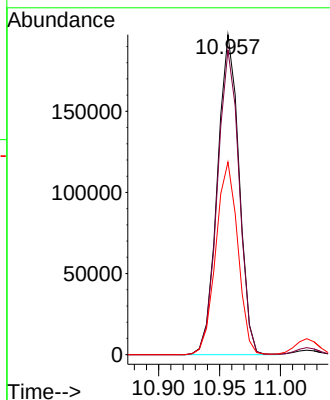
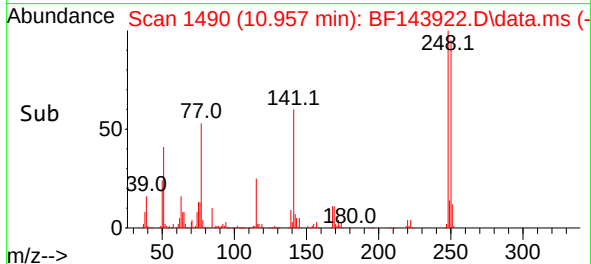
Instrument :
BNA_F
ClientSampleId :
PB170055BS



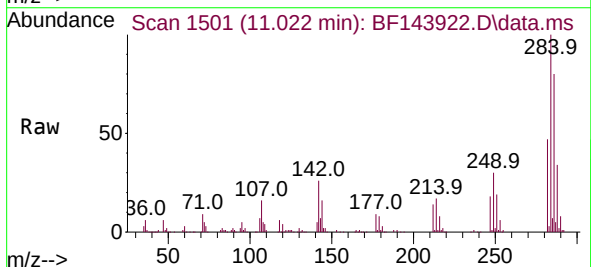
Tgt Ion:248 Resp: 244560
Ion Ratio Lower Upper
248 100
250 95.2 76.3 114.5
141 60.2 49.7 74.5

Manual Integrations
APPROVED

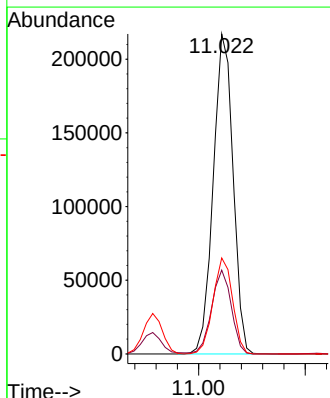
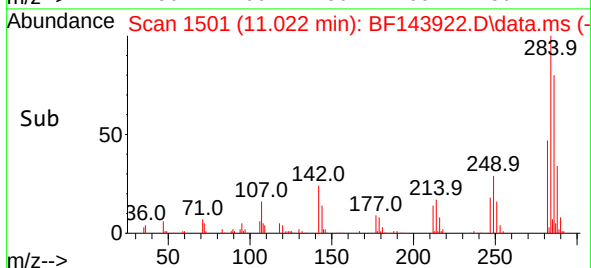
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

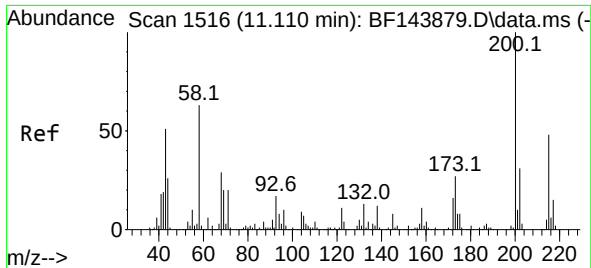


#68
Hexachlorobenzene
Concen: 42.816 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



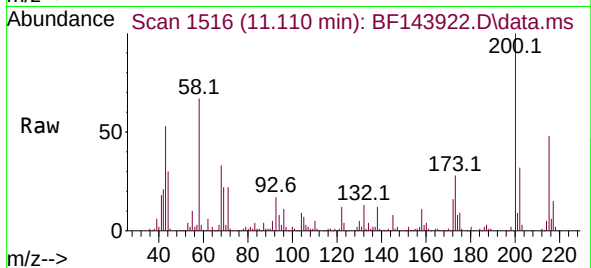
Tgt Ion:284 Resp: 280803
Ion Ratio Lower Upper
284 100
142 26.2 20.6 30.8
249 30.0 23.2 34.8





#69
 Atrazine
 Concen: 42.877 ng
 RT: 11.110 min Scan# 1516
 Delta R.T. -0.012 min
 Lab File: BF143922.D
 Acq: 10 Oct 2025 13:53

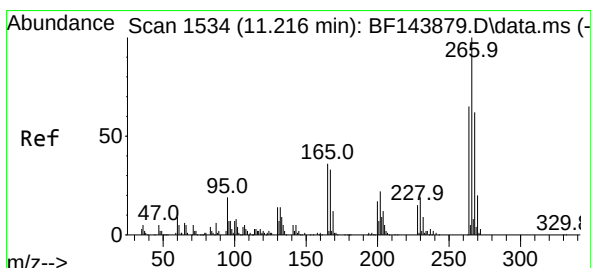
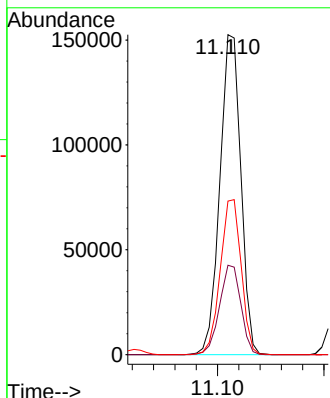
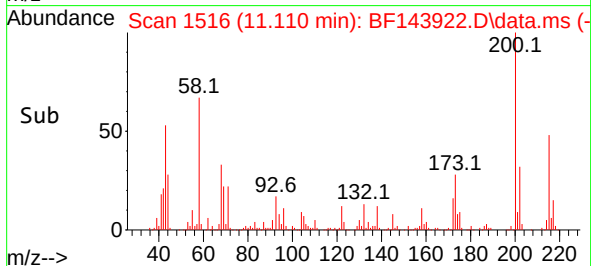
Instrument :
 BNA_F
 ClientSampleId :
 PB170055BS



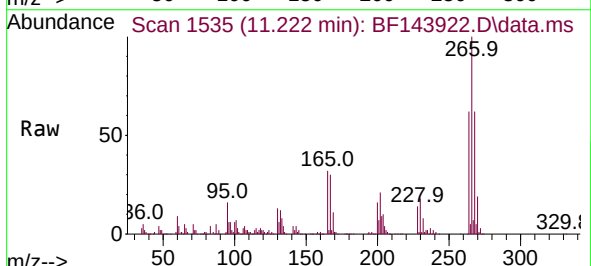
Tgt Ion:200 Resp: 209165
 Ion Ratio Lower Upper
 200 100
 173 27.9 7.0 47.0
 215 48.0 27.8 67.8

Manual Integrations
 APPROVED

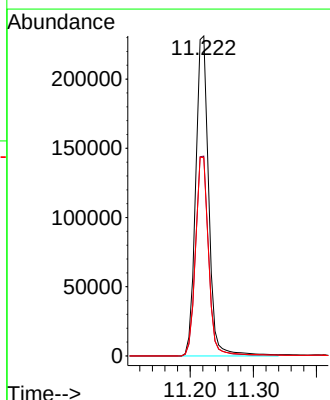
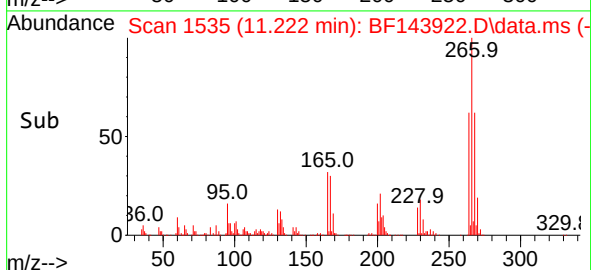
Reviewed By :Jagrut Upadhyay 10/13/2025
 Supervised By :mohammad ahmed 10/15/2025

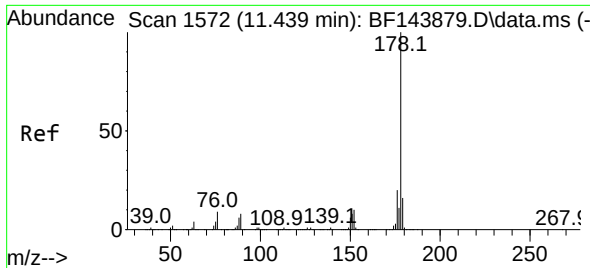


#70
 Pentachlorophenol
 Concen: 88.195 ng
 RT: 11.222 min Scan# 1535
 Delta R.T. 0.000 min
 Lab File: BF143922.D
 Acq: 10 Oct 2025 13:53



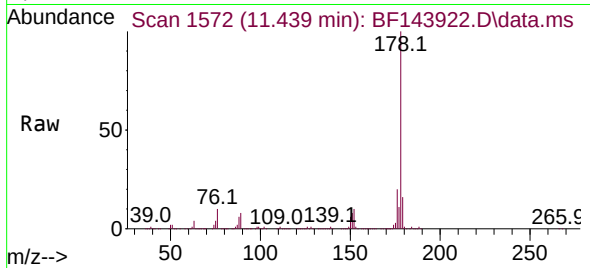
Tgt Ion:266 Resp: 332201
 Ion Ratio Lower Upper
 266 100
 268 62.4 49.4 74.0
 264 61.9 51.8 77.6





#71
Phenanthrene
Concen: 41.816 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

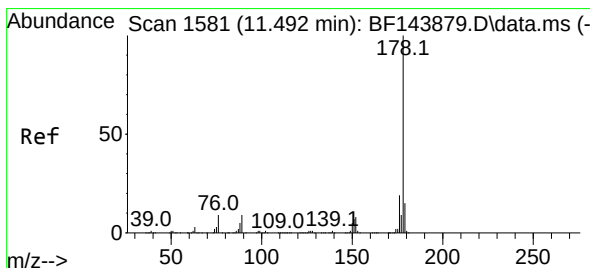
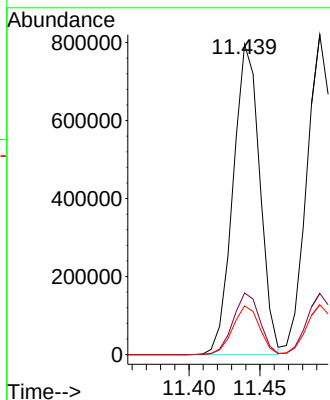
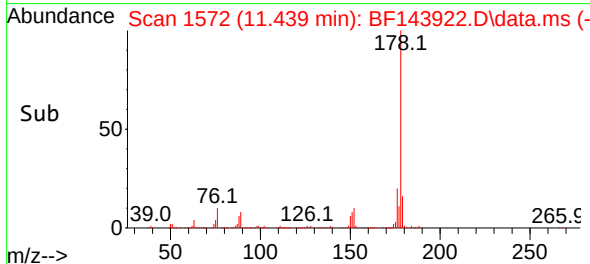
Instrument :
BNA_F
ClientSampleId :
PB170055BS



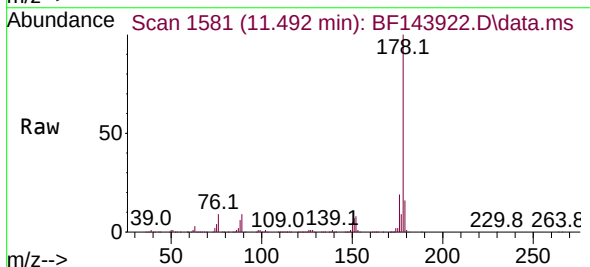
Tgt Ion:178 Resp: 1039164
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.7 12.4 18.6

Manual Integrations
APPROVED

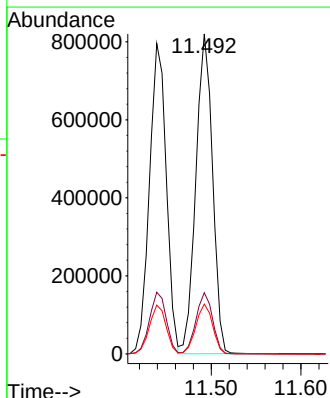
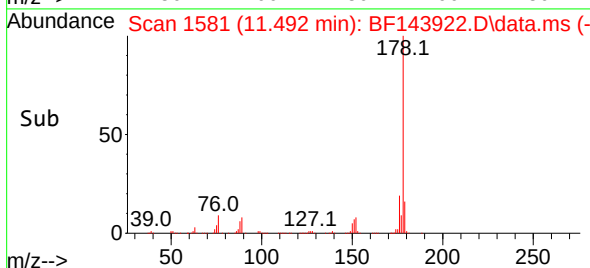
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

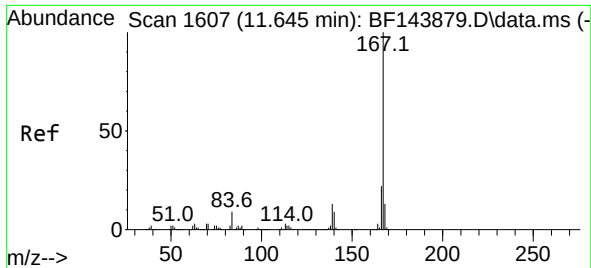


#72
Anthracene
Concen: 42.228 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



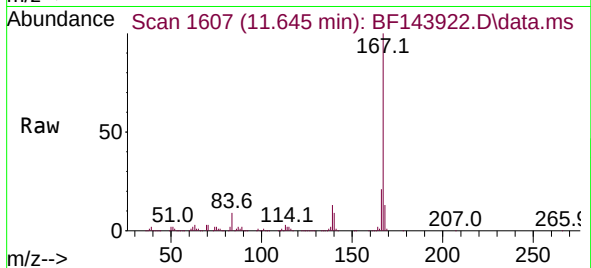
Tgt Ion:178 Resp: 1060143
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 43.623 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143922.D
 Acq: 10 Oct 2025 13:53

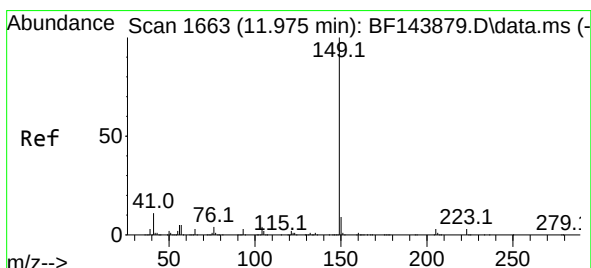
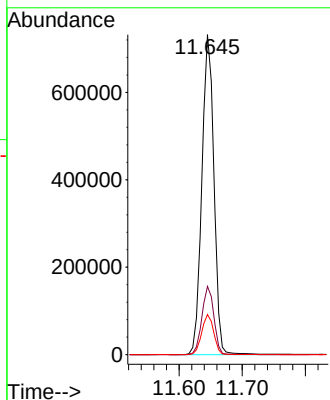
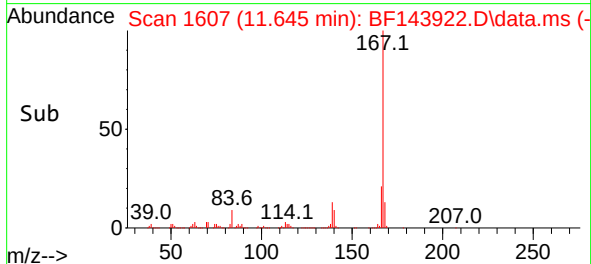
Instrument :
 BNA_F
 ClientSampleId :
 PB170055BS



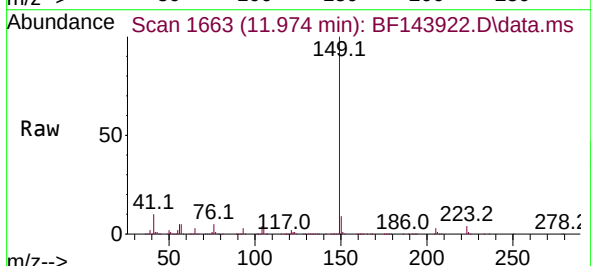
Tgt Ion:167 Resp: 969952
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.5 10.1 15.1

Manual Integrations
 APPROVED

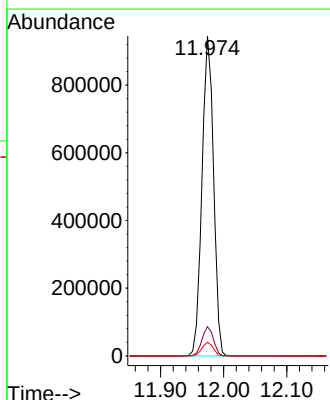
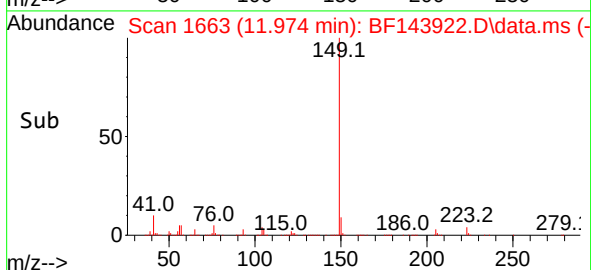
Reviewed By :Jagrut Upadhyay 10/13/2025
 Supervised By :mohammad ahmed 10/15/2025

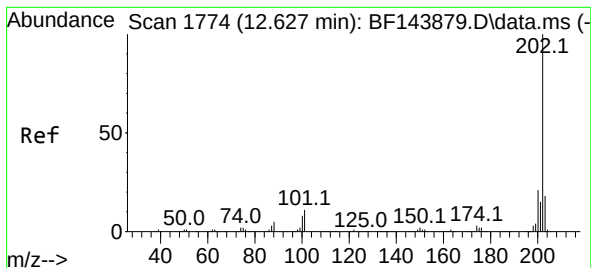


#74
 Di-n-butylphthalate
 Concen: 46.419 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143922.D
 Acq: 10 Oct 2025 13:53



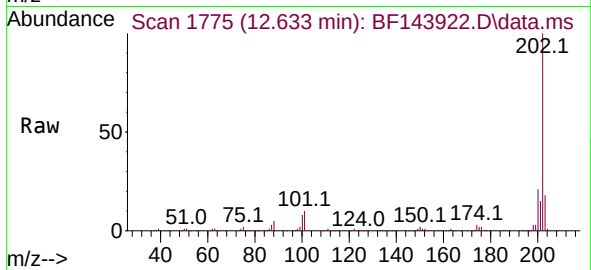
Tgt Ion:149 Resp: 1196206
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.2 3.4 5.2





#75
Fluoranthene
Concen: 44.111 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

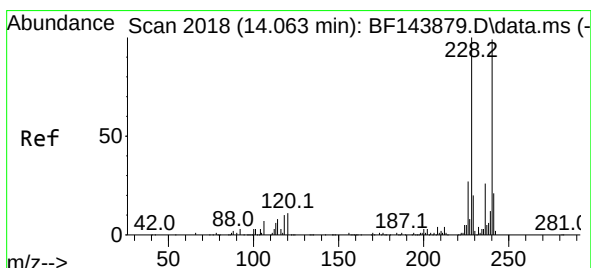
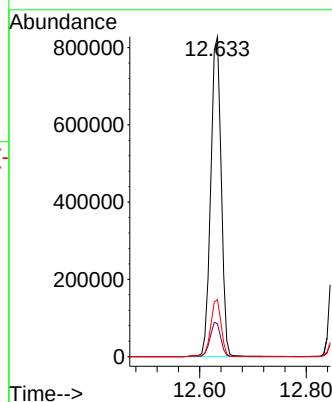
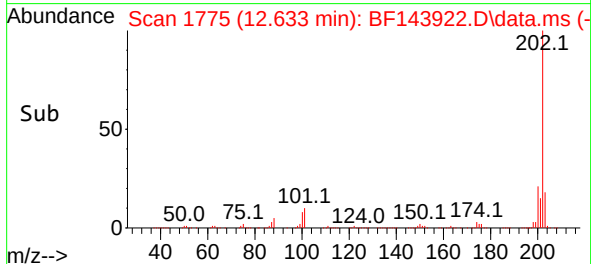
Instrument :
BNA_F
ClientSampleId :
PB170055BS



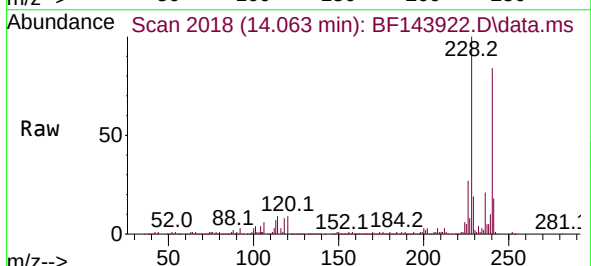
Tgt Ion:202 Resp: 1132284
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 17.8 0.0 37.8

Manual Integrations
APPROVED

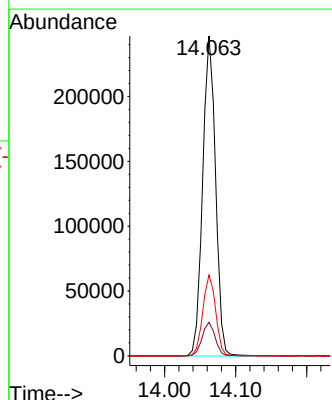
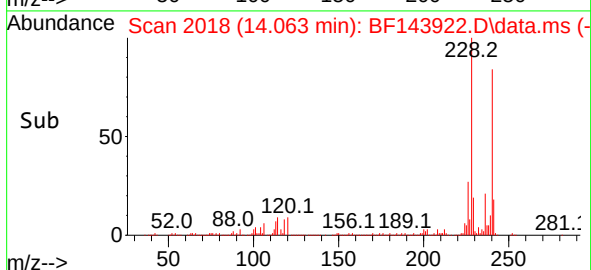
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

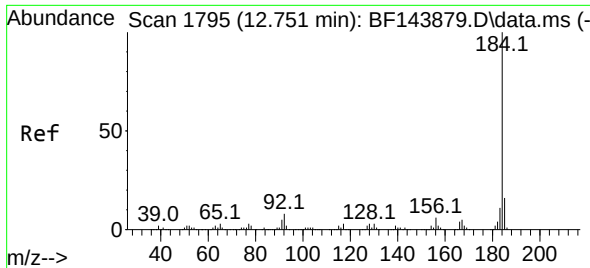


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



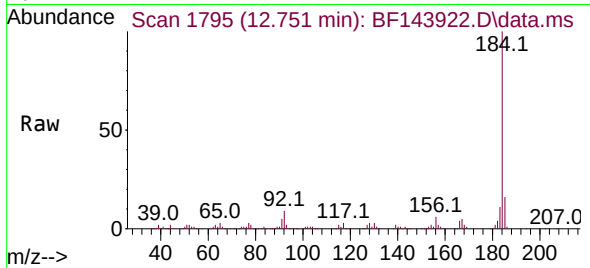
Tgt Ion:240 Resp: 308767
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 25.3 21.1 31.7





#77
Benzidine
Concen: 19.839 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

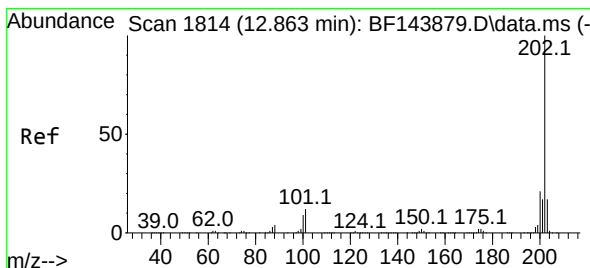
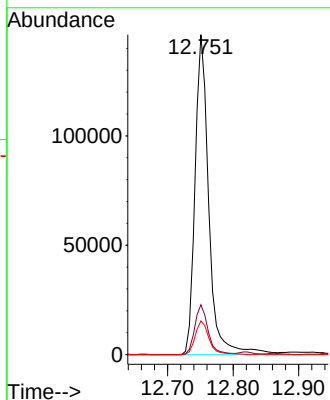
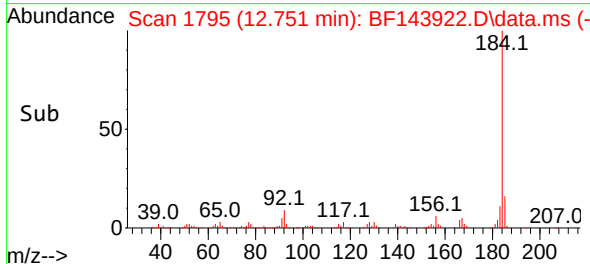
Instrument :
BNA_F
ClientSampleId :
PB170055BS



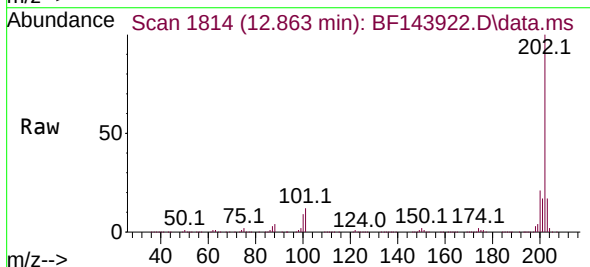
Tgt Ion:184 Resp: 212697
Ion Ratio Lower Upper
184 100
185 15.6 12.6 18.8
183 10.5 8.8 13.2

Manual Integrations
APPROVED

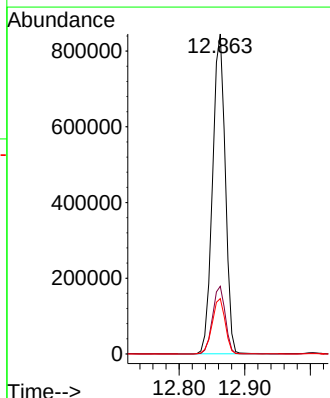
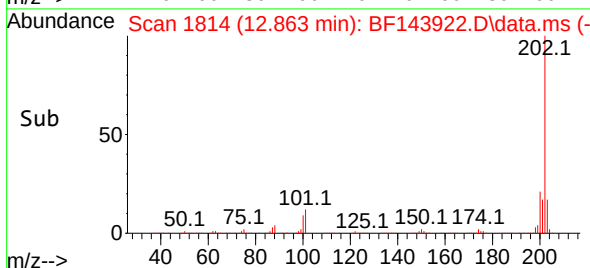
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

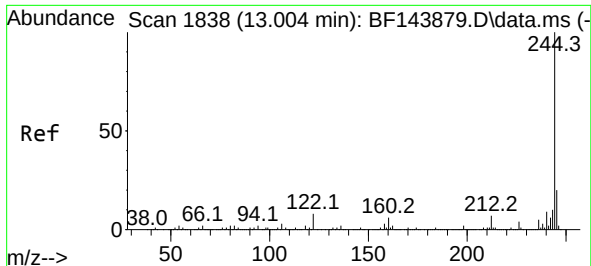


#78
Pyrene
Concen: 44.326 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



Tgt Ion:202 Resp: 1141018
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.3 13.8 20.6





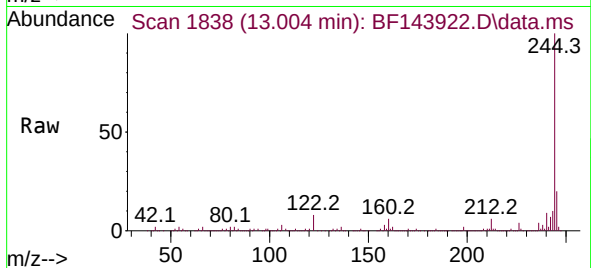
#79
 Terphenyl-d14
 Concen: 86.920 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143922.D
 Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB170055BS

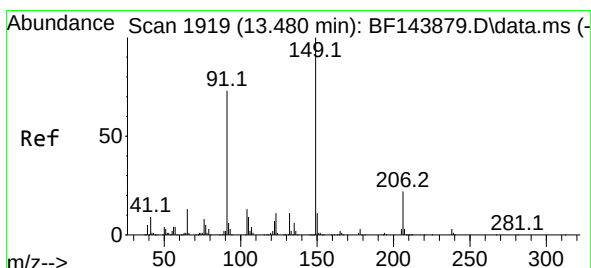
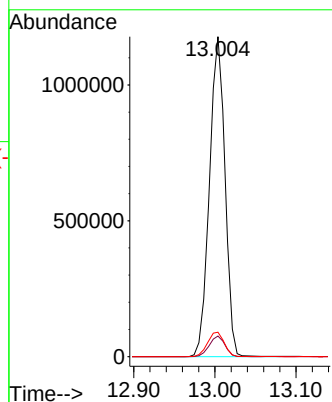
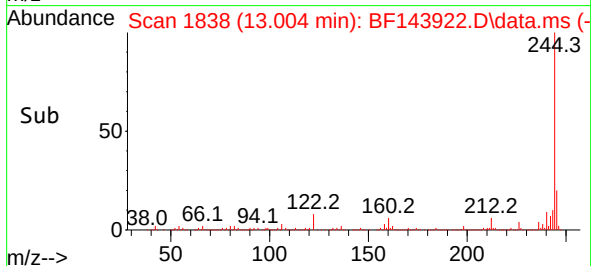


Tgt Ion:244 Resp: 1570331
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 7.6 6.4 9.6

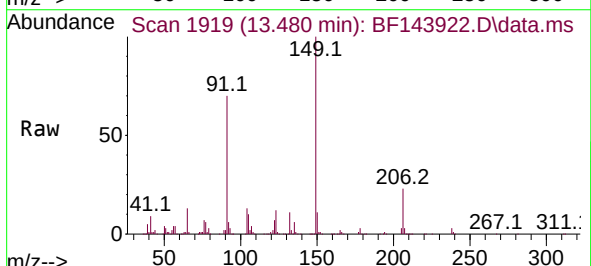
Manual Integrations

APPROVED

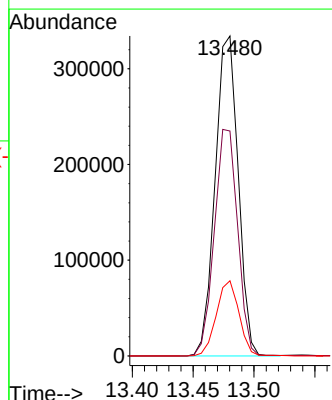
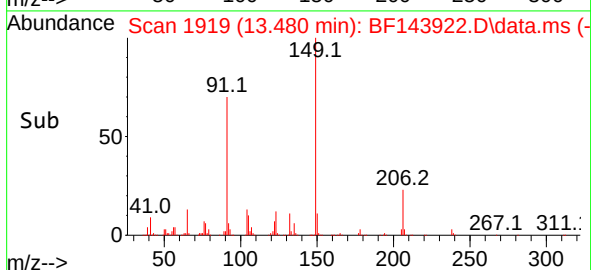
Reviewed By :Jagrut Upadhyay 10/13/2025
 Supervised By :mohammad ahmed 10/15/2025

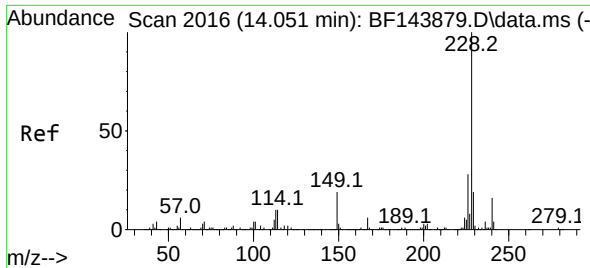


#80
 Butylbenzylphthalate
 Concen: 52.795 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143922.D
 Acq: 10 Oct 2025 13:53



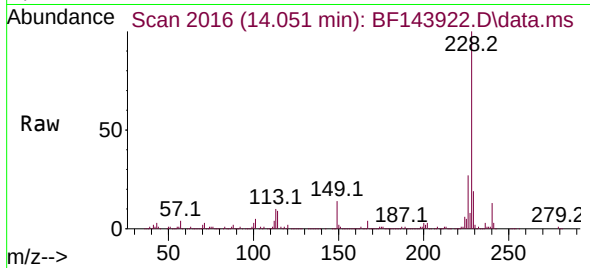
Tgt Ion:149 Resp: 441365
 Ion Ratio Lower Upper
 149 100
 91 70.3 58.2 87.2
 206 23.5 17.9 26.9





#81
Benzo(a)anthracene
Concen: 44.873 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

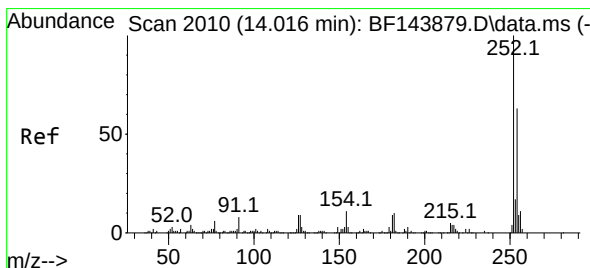
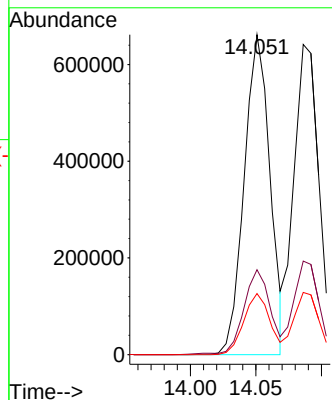
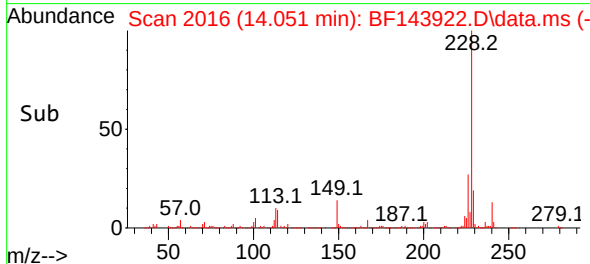
Instrument :
BNA_F
ClientSampleId :
PB170055BS



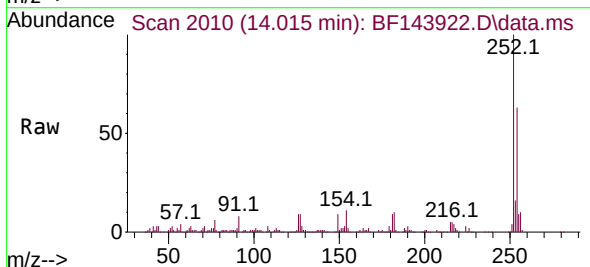
Tgt Ion:228 Resp: 906702
Ion Ratio Lower Upper
228 100
226 26.6 22.2 33.2
229 19.1 15.6 23.4

Manual Integrations
APPROVED

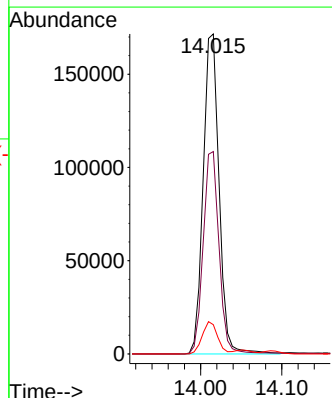
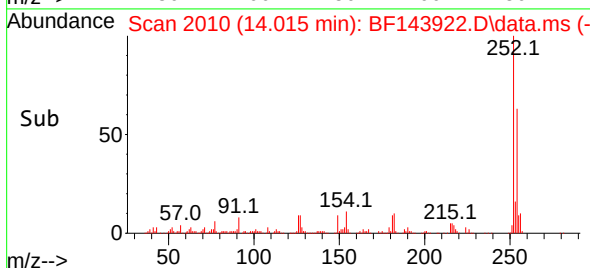
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

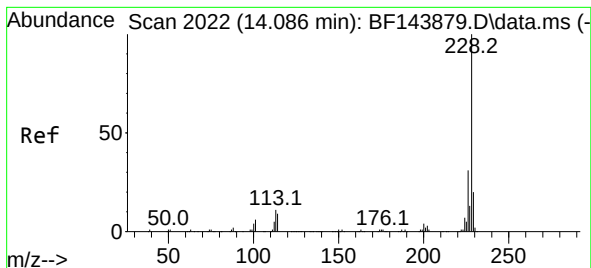


#82
3,3'-Dichlorobenzidine
Concen: 37.953 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



Tgt Ion:252 Resp: 233701
Ion Ratio Lower Upper
252 100
254 63.2 50.6 76.0
126 9.1 7.0 10.6





#83

Chrysene

Concen: 45.573 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

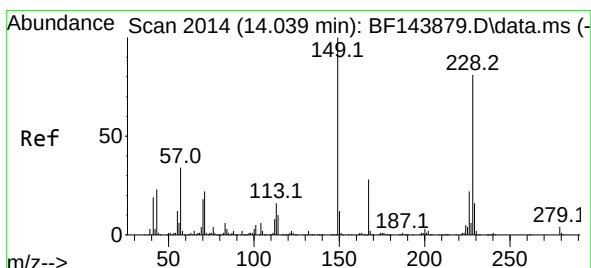
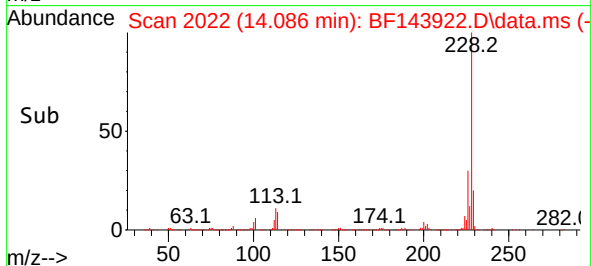
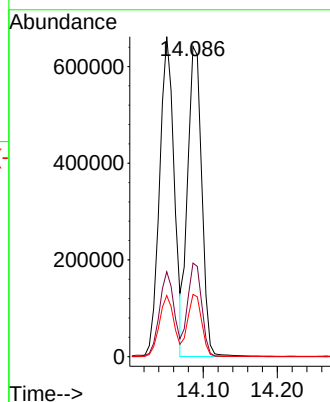
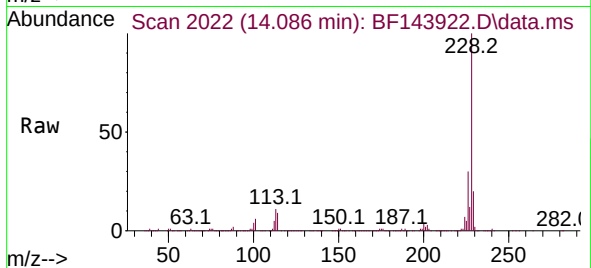
PB170055BS

Tgt Ion:	228	Resp:	852263
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.4	36.6
229	20.0	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.482 ng

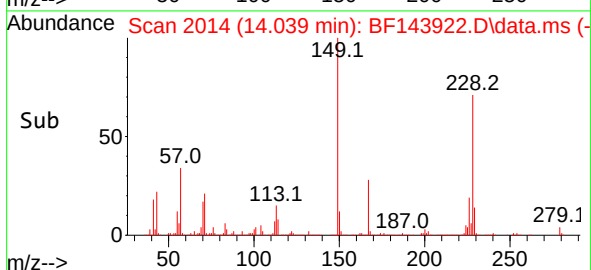
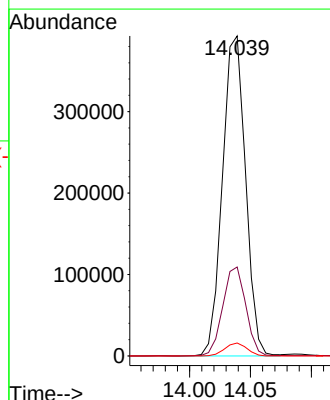
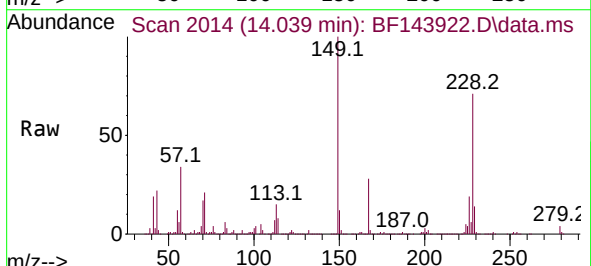
RT: 14.039 min Scan# 2014

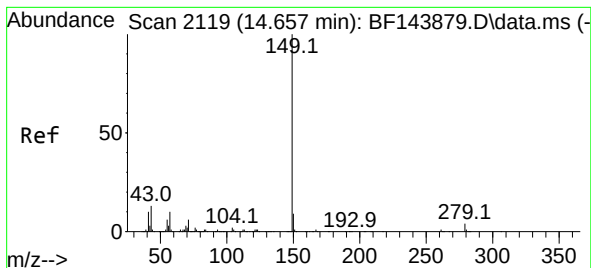
Delta R.T. 0.000 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Tgt Ion:	149	Resp:	518813
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.2	33.4
279	4.0	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 49.594 ng

RT: 14.651 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

PB170055BS

Tgt Ion:149 Resp: 820876

Ion Ratio Lower Upper

149 100

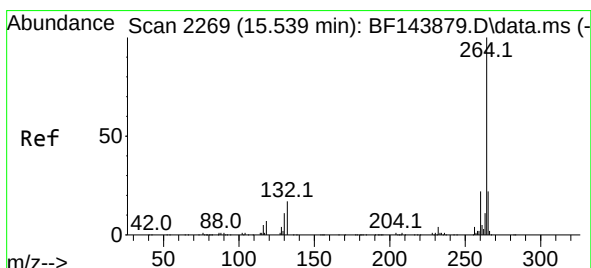
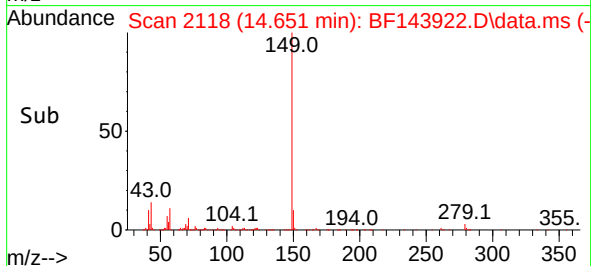
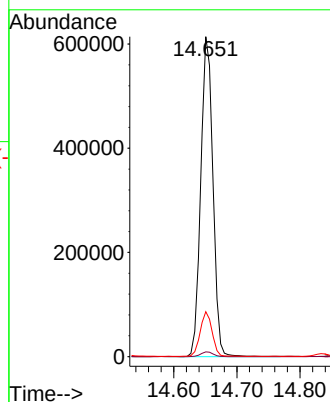
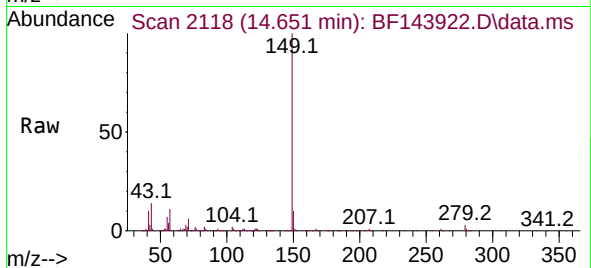
167 1.5 1.1 1.7

43 13.6 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF143922.D

Acq: 10 Oct 2025 13:53

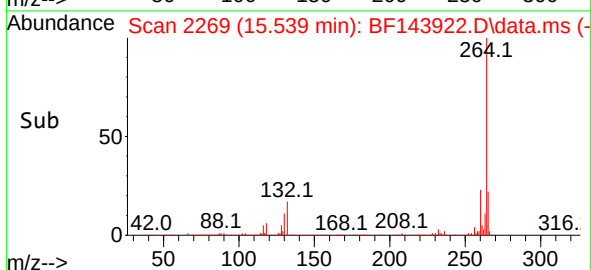
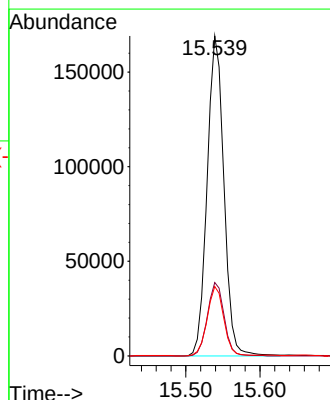
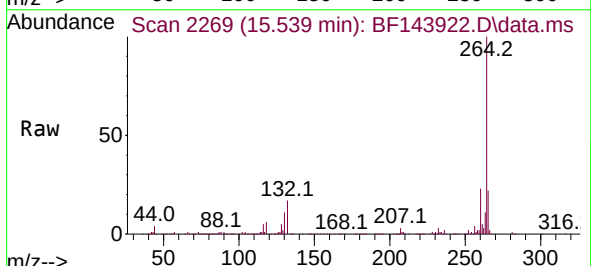
Tgt Ion:264 Resp: 265393

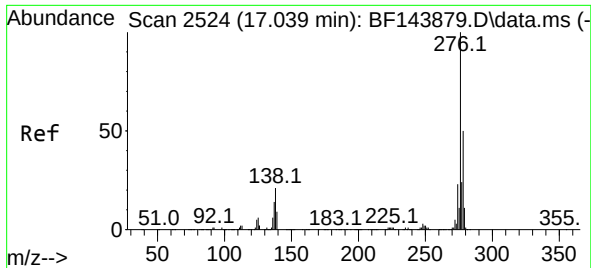
Ion Ratio Lower Upper

264 100

260 22.9 17.8 26.8

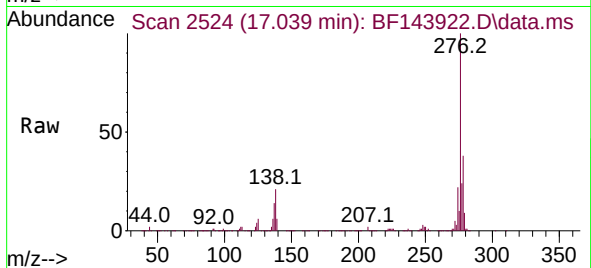
265 21.7 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.285 ng
RT: 17.039 min Scan# 2196
Delta R.T. -0.018 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

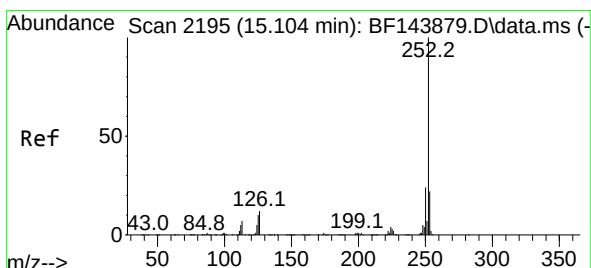
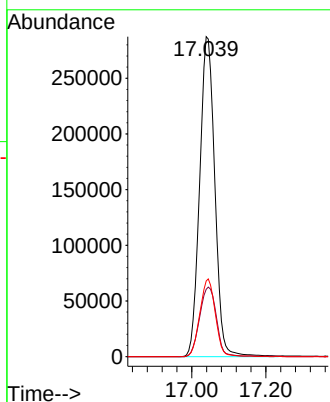
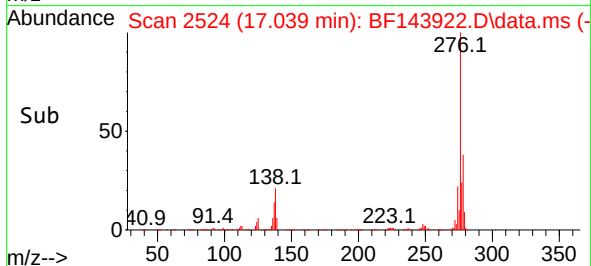
Instrument :
BNA_F
ClientSampleId :
PB170055BS



Tgt Ion:276 Resp: 81772
Ion Ratio Lower Upper
276 100
138 23.9 18.2 27.2
277 24.6 19.8 29.6

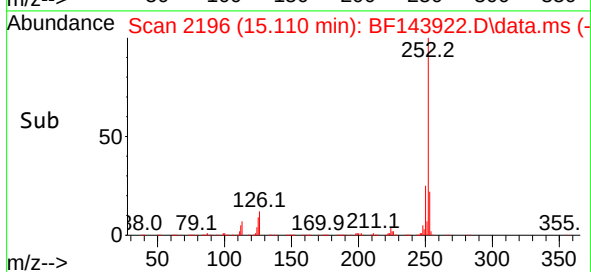
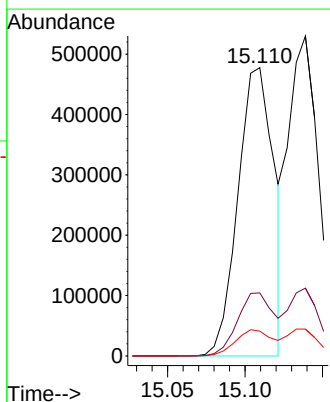
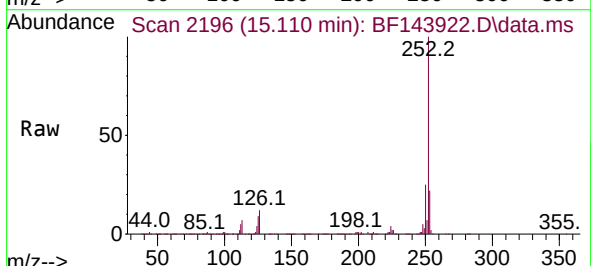
Manual Integrations
APPROVED

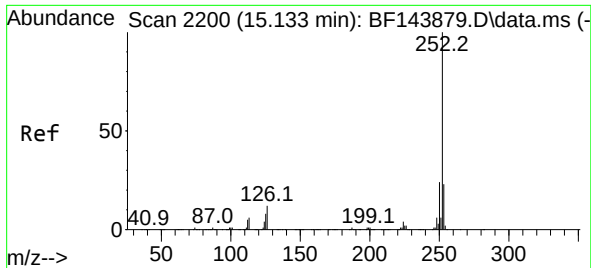
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#88
Benzo(b)fluoranthene
Concen: 50.545 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

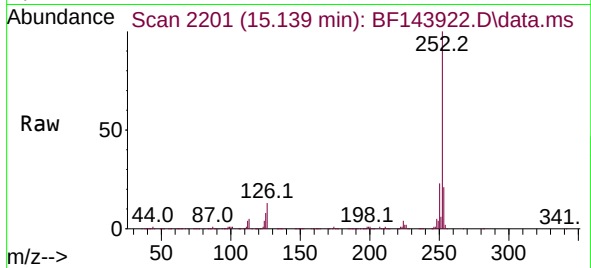
Tgt Ion:252 Resp: 770565
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.6 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 51.251 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

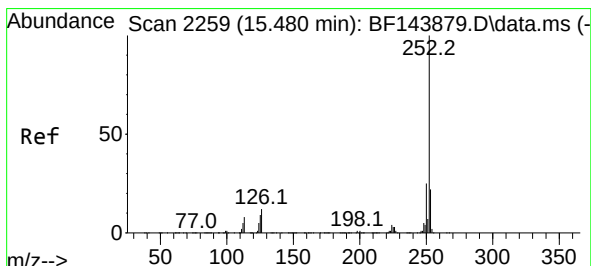
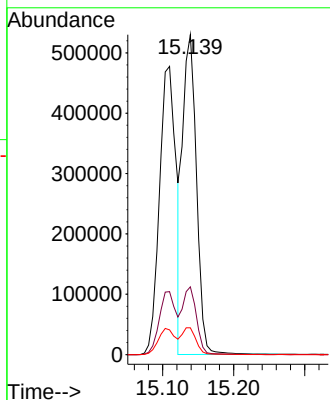
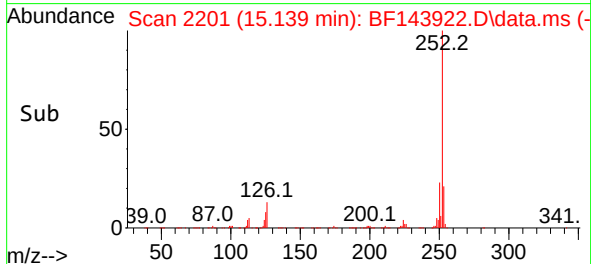
Instrument :
BNA_F
ClientSampleId :
PB170055BS



Tgt Ion:252 Resp: 72297
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 8.4 7.4 11.2

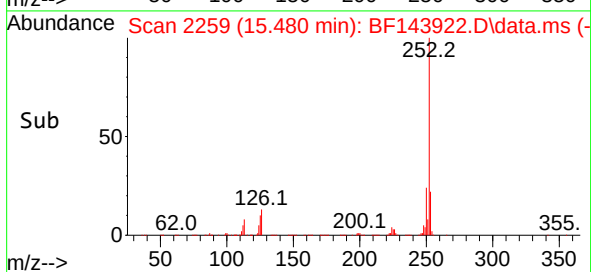
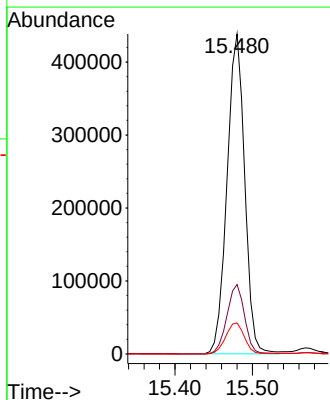
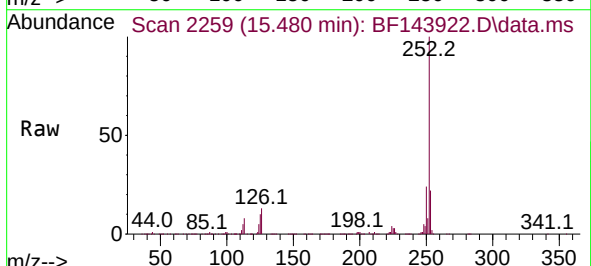
Manual Integrations
APPROVED

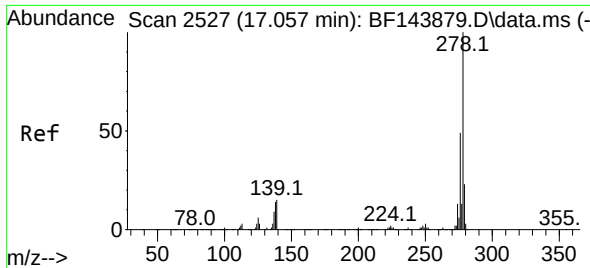
Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#90
Benzo(a)pyrene
Concen: 52.536 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

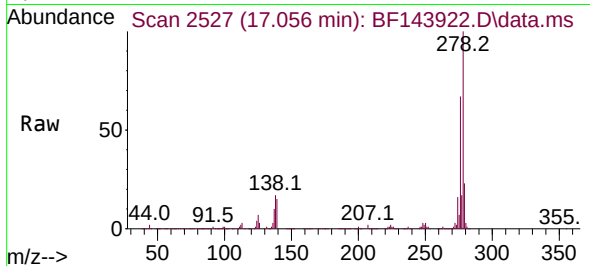
Tgt Ion:252 Resp: 694475
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.7 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 51.803 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53

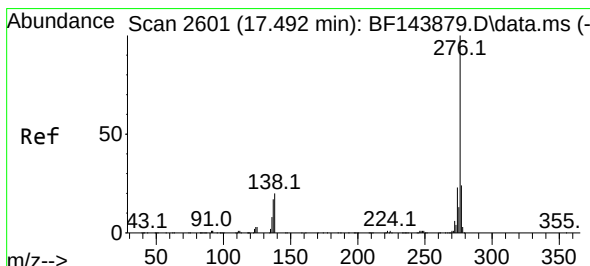
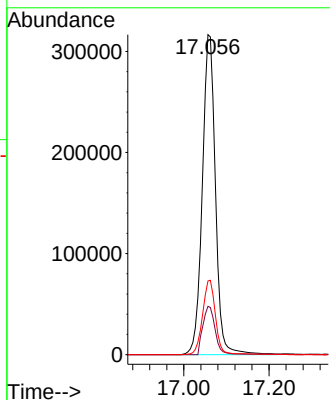
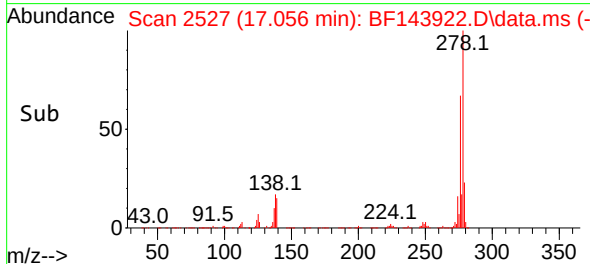
Instrument :
BNA_F
ClientSampleId :
PB170055BS



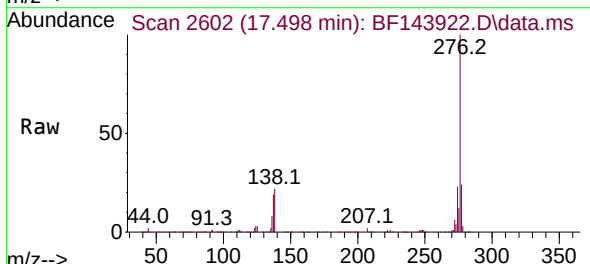
Tgt Ion:278 Resp: 677518
Ion Ratio Lower Upper
278 100
139 15.1 11.7 17.5
279 23.0 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025



#92
Benzo(g,h,i)perylene
Concen: 51.611 ng
RT: 17.498 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF143922.D
Acq: 10 Oct 2025 13:53



Tgt Ion:276 Resp: 675006
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.9 16.1 24.1

