

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144087.D
 Acq On : 27 Oct 2025 17:03
 Operator : RC/JU
 Sample : Q3395-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-S07-000102-22510170MS

Quant Time: Oct 27 17:30:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 10/30/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	51657	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	204190	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	116963	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	209682	20.000	ng	0.00
76) Chrysene-d12	14.063	240	136983	20.000	ng	0.00
86) Perylene-d12	15.545	264	173026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	95508	29.251	ng	0.00
7) Phenol-d6	6.498	99	153786	42.648	ng	0.00
23) Nitrobenzene-d5	7.440	82	154965	41.579	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	123583	82.948	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	337808	40.643	ng	0.00
79) Terphenyl-d14	12.998	244	406286	51.851	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.399	79	9811	2.597	ng	88
6) Aniline	6.540	93	187277	36.303	ng	95
8) 2-Chlorophenol	6.663	128	110729	34.437	ng	98
9) Benzaldehyde	6.428	77	49531	17.692	ng	98
10) Phenol	6.516	94	115817	26.034	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	114324	35.564	ng	95
12) 1,3-Dichlorobenzene	6.816	146	149459	37.681	ng	99
13) 1,4-Dichlorobenzene	6.893	146	148841	38.077	ng	98
14) 1,2-Dichlorobenzene	7.045	146	143873	38.039	ng	98
15) Benzyl Alcohol	7.016	79	109025	37.184	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	241977	40.052	ng	99
17) 2-Methylphenol	7.128	107	92648	37.463	ng	94
18) Hexachloroethane	7.393	117	54199	38.782	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	100436	43.072	ng	92
20) 3+4-Methylphenols	7.281	107	112089	38.340	ng	# 84
22) Acetophenone	7.287	105	185121	41.951	ng	95
24) Nitrobenzene	7.457	77	143802	36.474	ng	97
25) Isophorone	7.698	82	270587	41.527	ng	99
26) 2-Nitrophenol	7.775	139	75873	40.454	ng	96
27) 2,4-Dimethylphenol	7.810	122	126026	45.216	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	161292	39.693	ng	97
29) 2,4-Dichlorophenol	8.016	162	129985	40.103	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	137243	41.158	ng	99
31) Naphthalene	8.187	128	381027	39.537	ng	100
32) Benzoic acid	7.928	122	86317	48.823	ng	89
33) 4-Chloroaniline	8.234	127	154295	45.991	ng	98
34) Hexachlorobutadiene	8.298	225	102530	37.603	ng	97
35) Caprolactam	8.598	113	43334m	53.314	ng	
36) 4-Chloro-3-methylphenol	8.710	107	133136	46.545	ng	95
37) 2-Methylnaphthalene	8.875	142	246217	38.750	ng	98
38) 1-Methylnaphthalene	8.975	142	245485	40.780	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	169567	42.183	ng	99
41) Hexachlorocyclopentadiene	9.028	237	106792	86.014	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	113354	43.384	ng	98
44) 2,4,5-Trichlorophenol	9.198	196	120280	43.863	ng	97
46) 1,1'-Biphenyl	9.339	154	372132	44.446	ng	99

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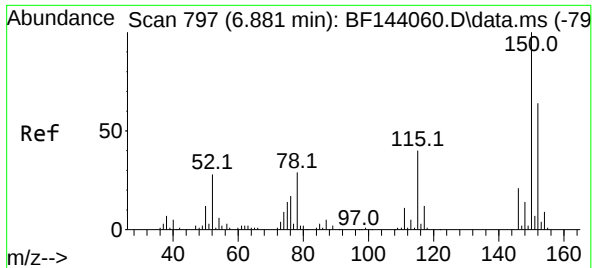
Quant Time: Oct 27 17:30:38 2025
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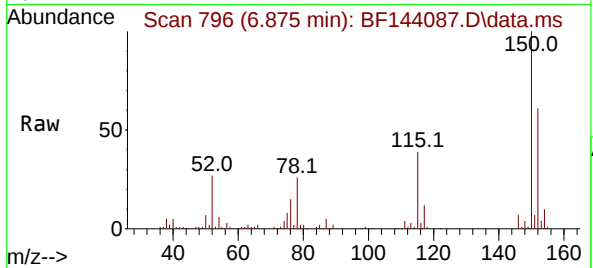
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.369	162	279577	39.857	ng	97
48) 2-Nitroaniline	9.463	65	99394	47.718	ng	97
49) Acenaphthylene	9.781	152	442381	46.773	ng	98
50) Dimethylphthalate	9.639	163	358757	46.794	ng	100
51) 2,6-Dinitrotoluene	9.704	165	74337	49.047	ng	96
52) Acenaphthene	9.957	154	279018	44.173	ng	99
53) 3-Nitroaniline	9.875	138	83912	49.796	ng	96
54) 2,4-Dinitrophenol	9.986	184	57347	69.957	ng	92
55) Dibenzofuran	10.128	168	382278	43.594	ng	98
56) 4-Nitrophenol	10.039	139	109204	95.702	ng	95
57) 2,4-Dinitrotoluene	10.110	165	109086	53.328	ng #	96
58) Fluorene	10.469	166	307301	45.992	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	101901	52.734	ng #	99
60) Diethylphthalate	10.339	149	355980	49.373	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	168948	44.963	ng	98
62) 4-Nitroaniline	10.492	138	81536	51.067	ng	98
63) Azobenzene	10.622	77	335906	49.224	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	52095	38.724	ng	98
66) n-Nitrosodiphenylamine	10.581	169	313609	46.811	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	117958	44.931	ng	99
68) Hexachlorobenzene	11.022	284	146442	45.482	ng	97
69) Atrazine	11.110	200	109830	49.959	ng	98
70) Pentachlorophenol	11.216	266	147900	96.502	ng	98
71) Phenanthrene	11.439	178	490419	47.083	ng	99
72) Anthracene	11.486	178	490941	45.626	ng	99
73) Carbazole	11.645	167	422550	46.137	ng	98
74) Di-n-butylphthalate	11.969	149	541405	48.216	ng	100
75) Fluoranthene	12.627	202	512395	44.526	ng	99
77) Benzidine	12.751	184	326909	76.682	ng	99
78) Pyrene	12.857	202	506765	51.458	ng	100
80) Butylbenzylphthalate	13.474	149	194211	52.127	ng	96
81) Benzo(a)anthracene	14.051	228	466010	50.339	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	168947	52.427	ng	97
83) Chrysene	14.086	228	430315	49.535	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	251234	49.395	ng	98
85) Di-n-octyl phthalate	14.645	149	434149	49.634	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	469760	39.545	ng	99
88) Benzo(b)fluoranthene	15.110	252	462962	47.329	ng	98
89) Benzo(k)fluoranthene	15.139	252	480747	53.269	ng	100
90) Benzo(a)pyrene	15.486	252	462948	52.755	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	383642	40.799	ng	99
92) Benzo(g,h,i)perylene	17.504	276	347818	36.791	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

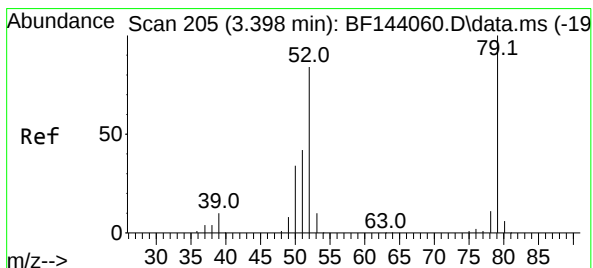
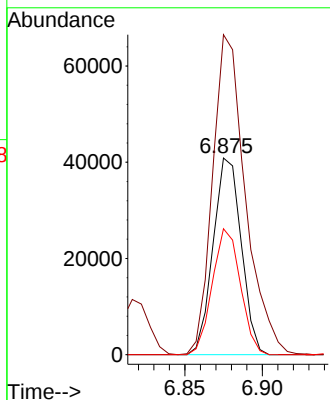
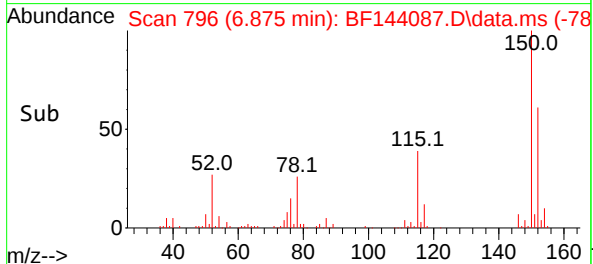
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:152 Resp: 5165
Ion Ratio Lower Upper
152 100
150 162.8 124.4 186.6
115 64.0 49.4 74.0

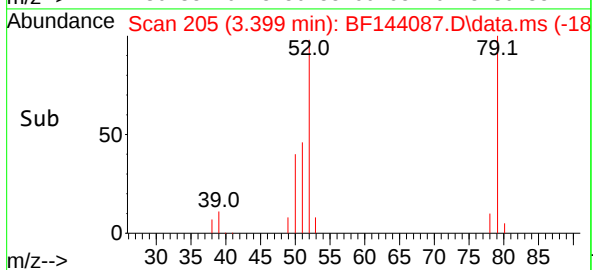
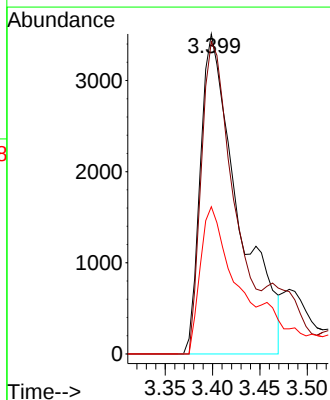
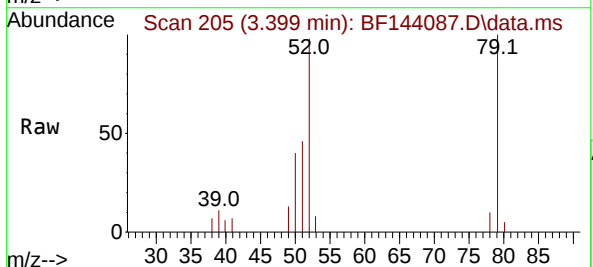
Manual Integrations
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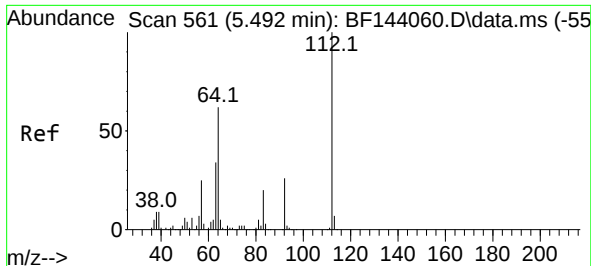
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#3
Pyridine
Concen: 2.597 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

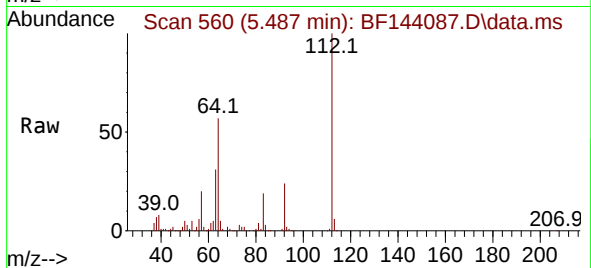
Tgt Ion: 79 Resp: 9811
Ion Ratio Lower Upper
79 100
52 97.6 67.5 101.3
51 46.0 33.6 50.4





#5
2-Fluorophenol
Concen: 29.251 ng
RT: 5.487 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

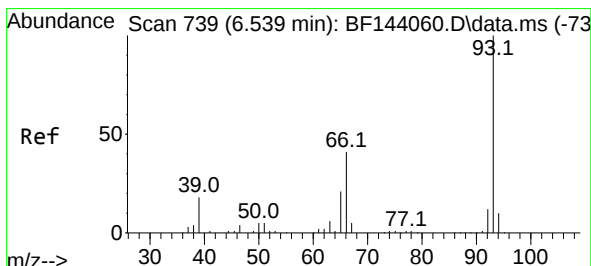
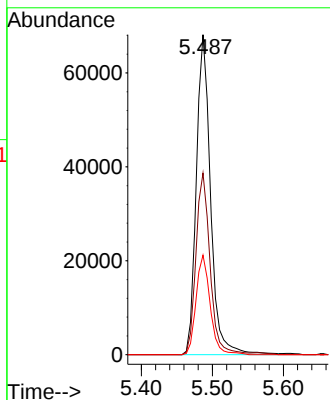
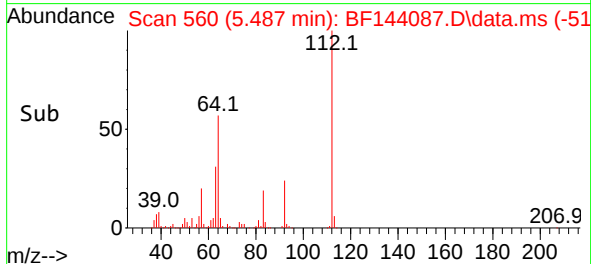
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:112 Resp: 95508
Ion Ratio Lower Upper
112 100
64 56.8 49.8 74.8
63 31.1 27.4 41.2

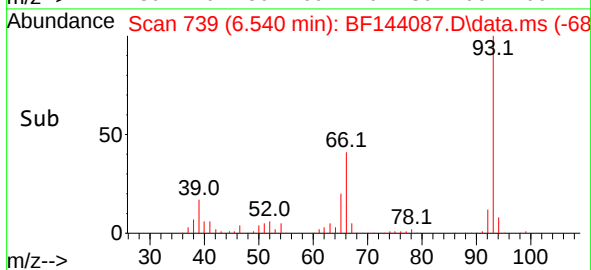
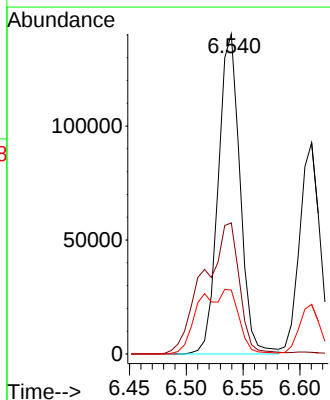
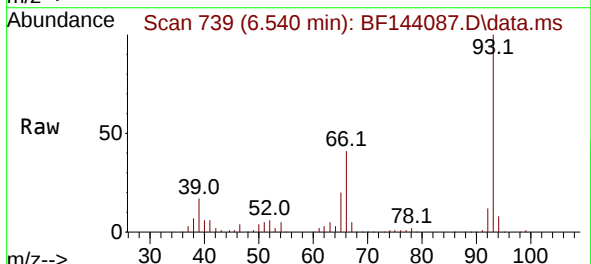
Manual Integrations
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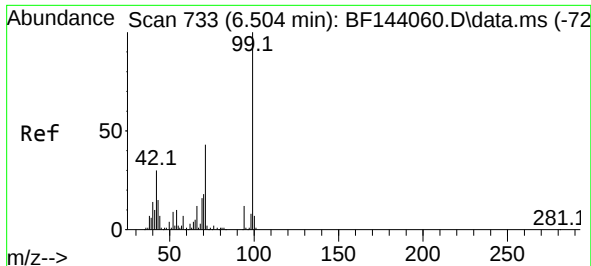
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#6
Aniline
Concen: 36.303 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

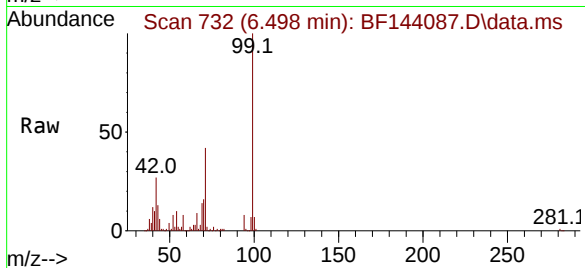
Tgt Ion: 93 Resp: 187277
Ion Ratio Lower Upper
93 100
66 41.0 35.7 53.5
65 20.0 17.0 25.6





#7
Phenol-d6
Concen: 42.648 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

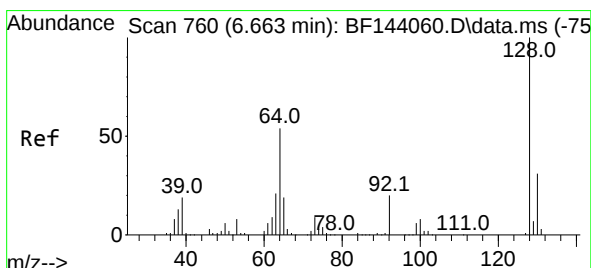
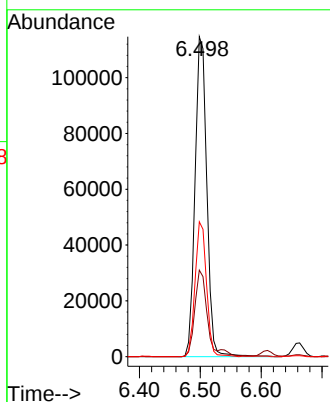
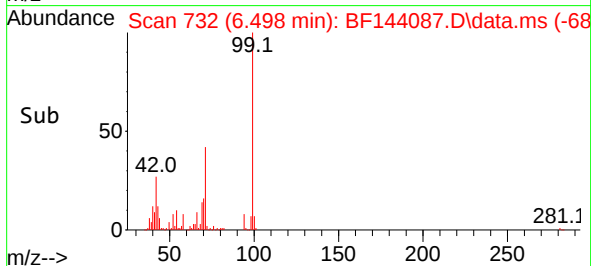
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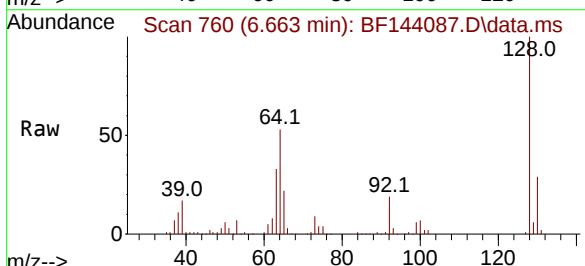
Tgt Ion: 99 Resp: 153780
Ion Ratio Lower Upper
99 100
42 27.1 23.9 35.9
71 42.2 34.4 51.6

Manual Integrations
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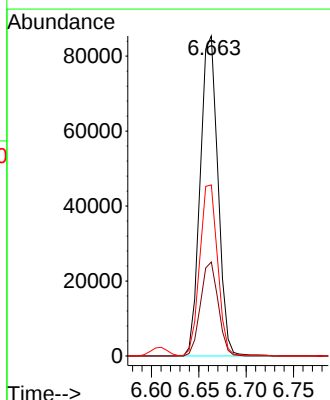
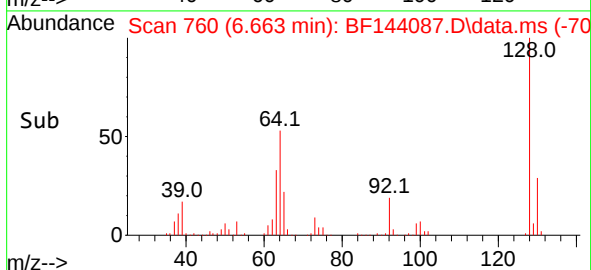
Reviewed By :Rahul Chavli 10/28/2025
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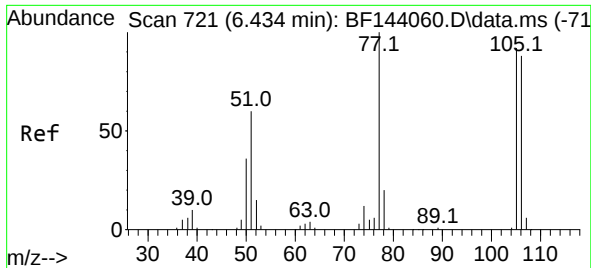


#8
2-Chlorophenol
Concen: 34.437 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



Tgt Ion:128 Resp: 110729
Ion Ratio Lower Upper
128 100
130 29.3 10.7 50.7
64 53.4 34.7 74.7





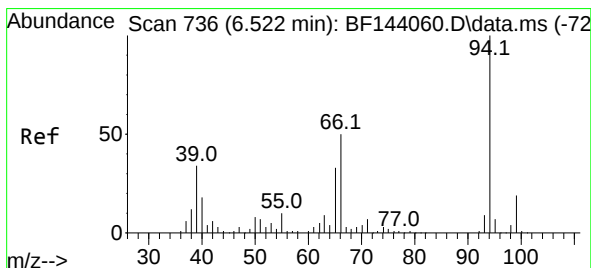
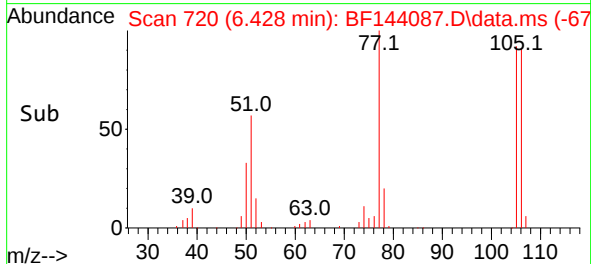
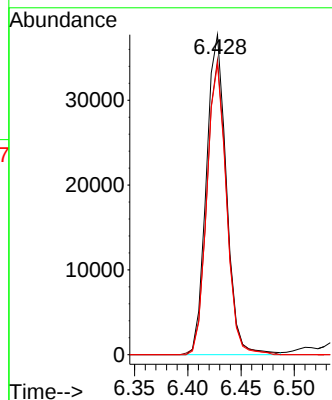
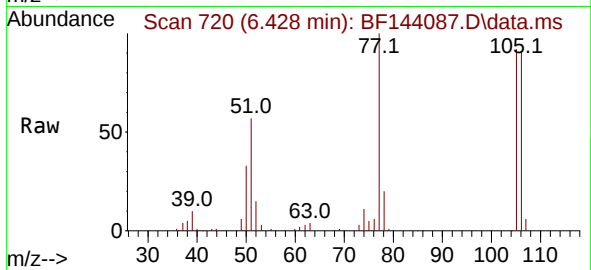
#9
Benzaldehyde
Concen: 17.692 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS

Tgt Ion: 77 Resp: 4953
Ion Ratio Lower Upper
77 100
105 92.1 72.2 112.2
106 90.9 67.9 107.9

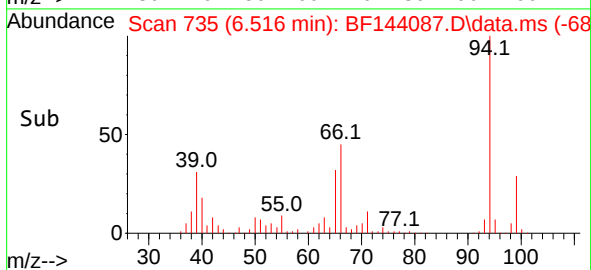
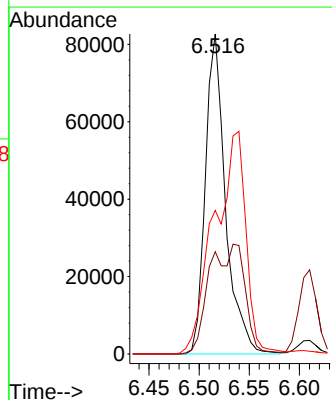
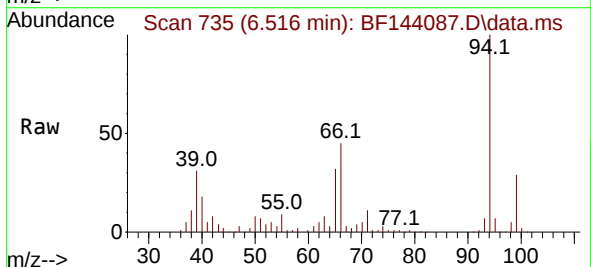
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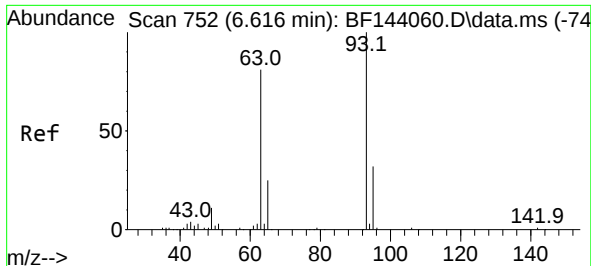
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#10
Phenol
Concen: 26.034 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

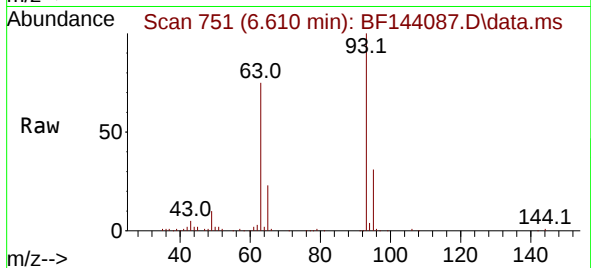
Tgt Ion: 94 Resp: 115817
Ion Ratio Lower Upper
94 100
65 32.0 13.1 53.1
66 44.9 30.6 70.6





#11
bis(2-Chloroethyl)ether
Concen: 35.564 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

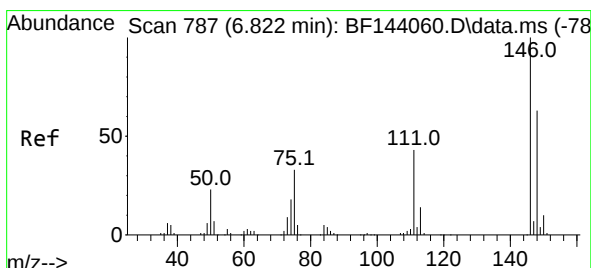
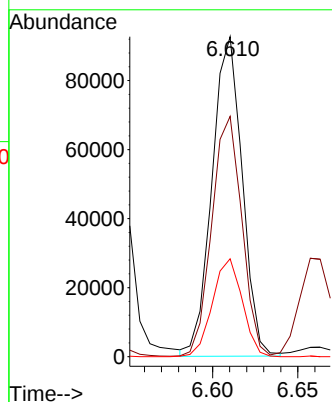
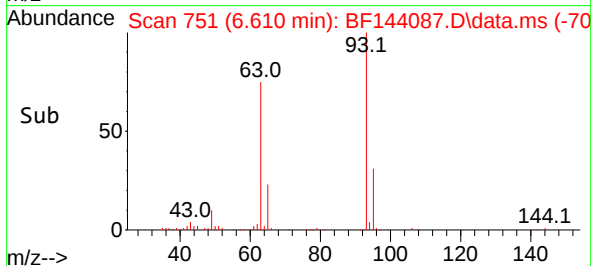
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 93 Resp: 114324
Ion Ratio Lower Upper
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63 75.1 60.2 100.2
95 30.6 12.4 52.4

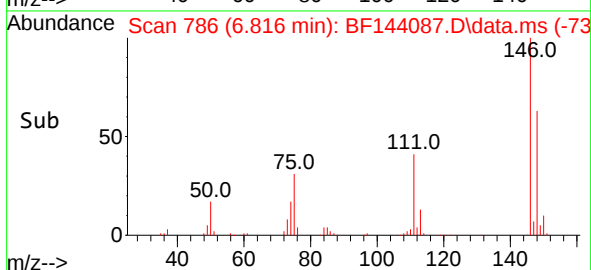
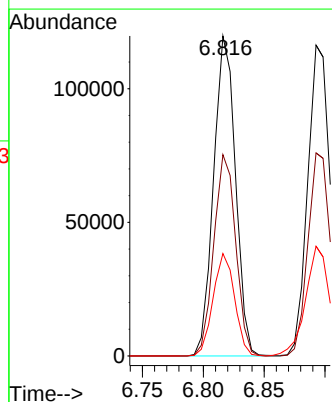
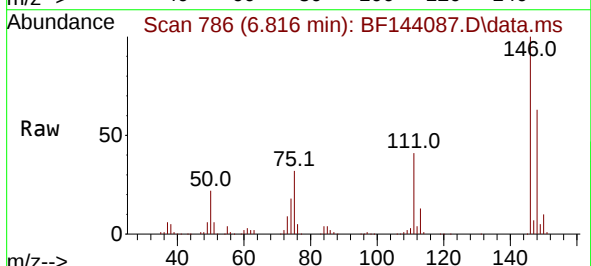
Manual Integrations
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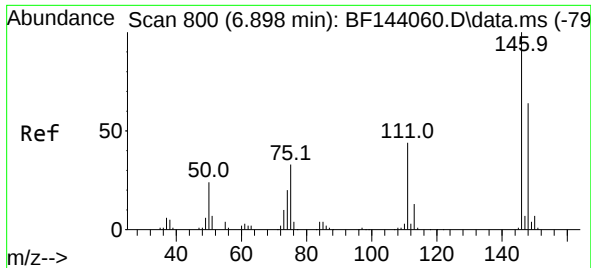
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#12
1,3-Dichlorobenzene
Concen: 37.681 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Tgt Ion:146 Resp: 149459
Ion Ratio Lower Upper
146 100
148 62.9 50.6 75.8
75 32.0 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 38.077 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MS

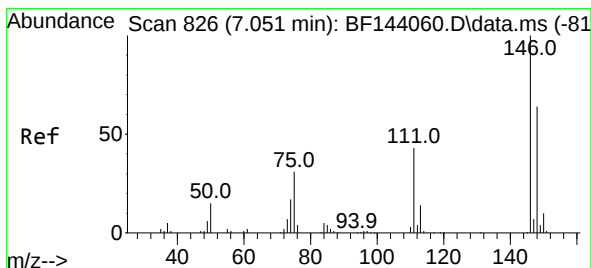
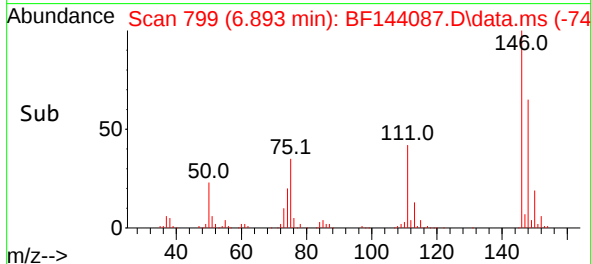
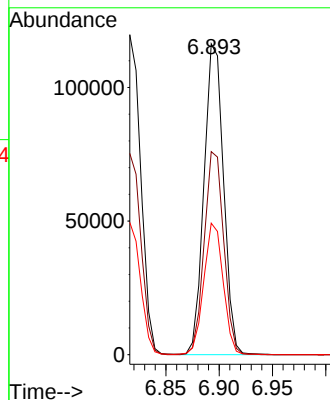
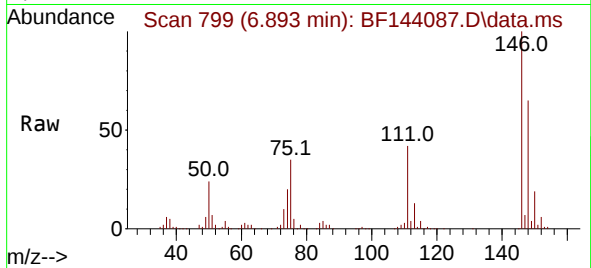
Tgt Ion:146 Resp: 14884
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.0 76.6
 111 42.3 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#14

1,2-Dichlorobenzene

Concen: 38.039 ng

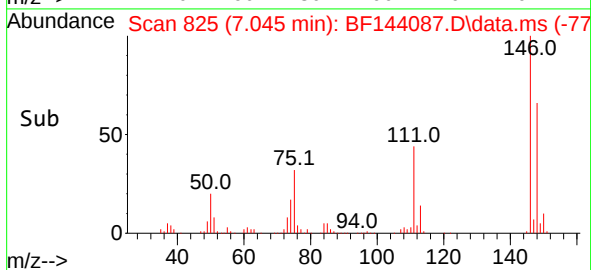
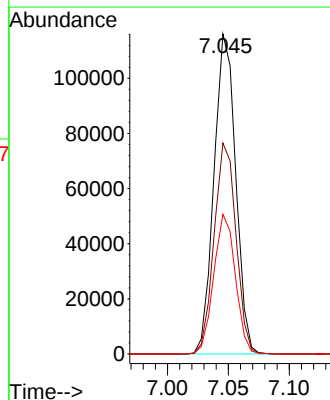
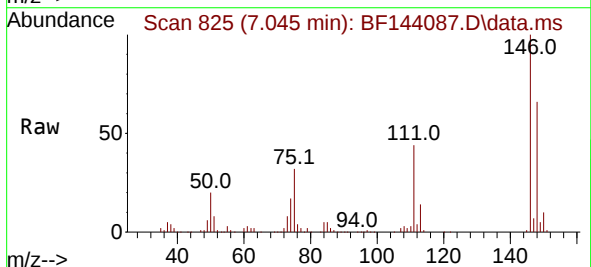
RT: 7.045 min Scan# 825

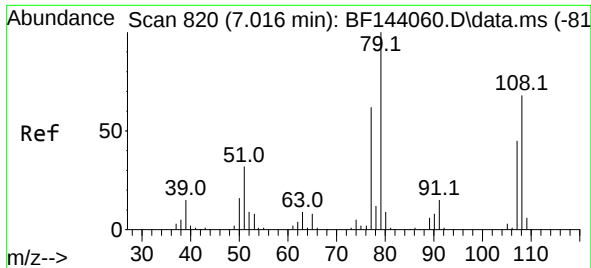
Delta R.T. -0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

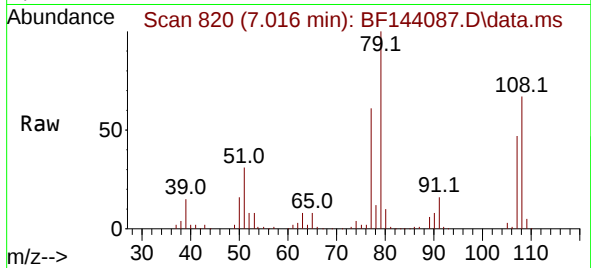
Tgt Ion:146 Resp: 143873
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.8 76.2
 111 43.7 34.7 52.1





#15
Benzyl Alcohol
Concen: 37.184 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

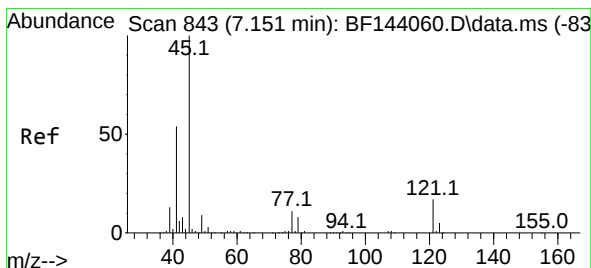
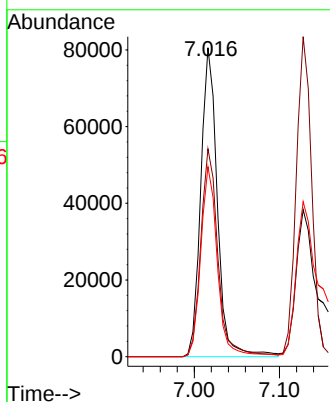
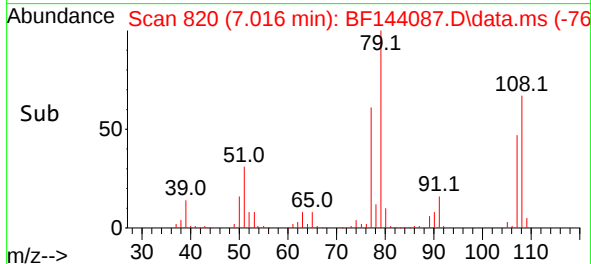
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion: 79 Resp: 109025
Ion Ratio Lower Upper
79 100
108 67.2 54.8 82.2
77 61.4 49.4 74.0

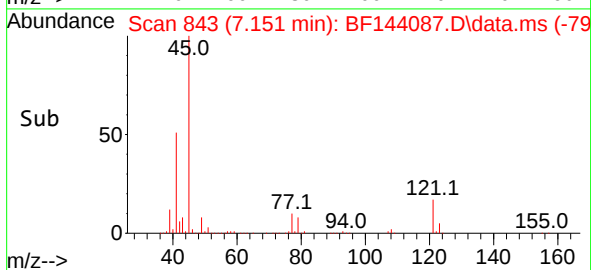
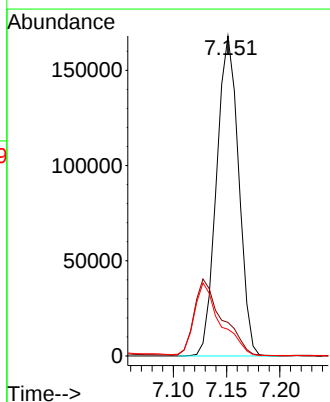
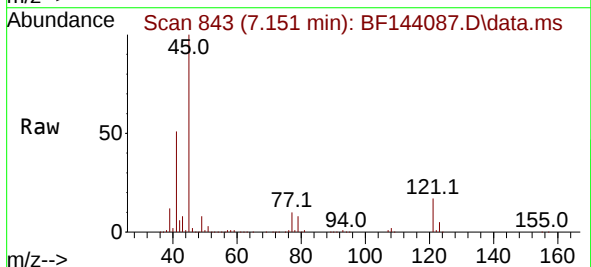
Manual Integrations
APPROVED

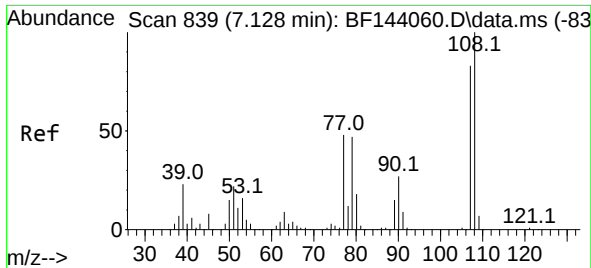
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.052 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Tgt Ion: 45 Resp: 241977
Ion Ratio Lower Upper
45 100
77 10.5 0.0 30.9
79 8.4 0.0 28.2





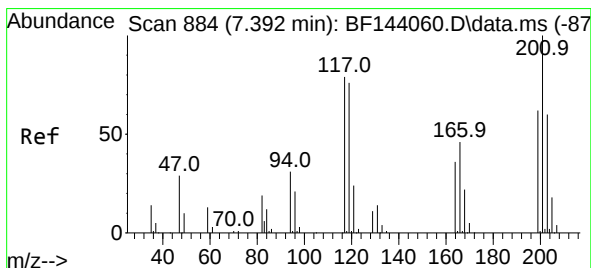
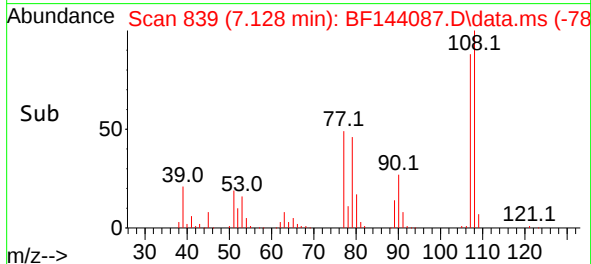
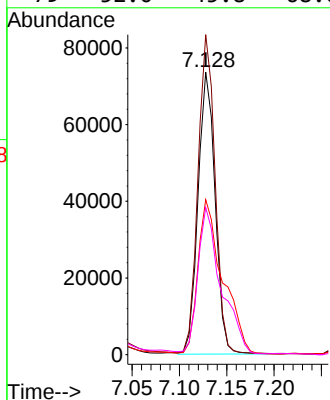
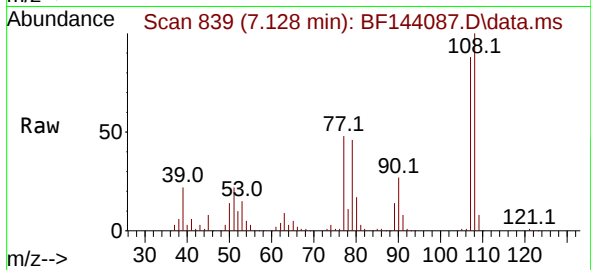
#17
2-Methylphenol
Concen: 37.463 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS

Tgt Ion:107	Resp:	92648
Ion Ratio	Lower	Upper
107	100	
108	113.3	96.4 144.6
77	54.9	46.8 70.2
79	52.0	45.8 68.6

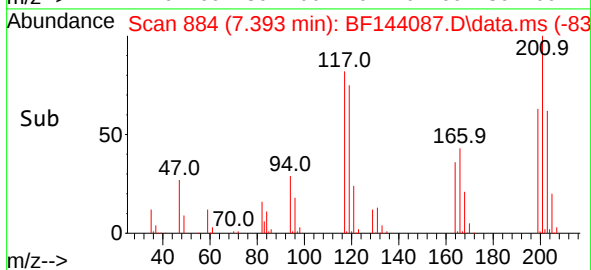
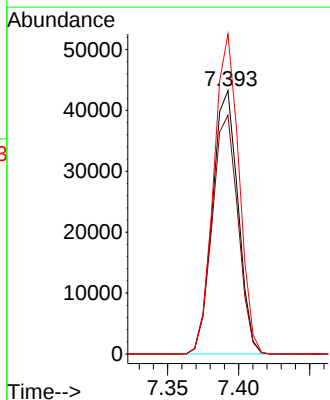
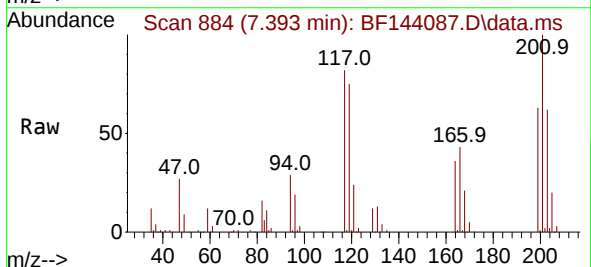
Manual Integrations
APPROVED

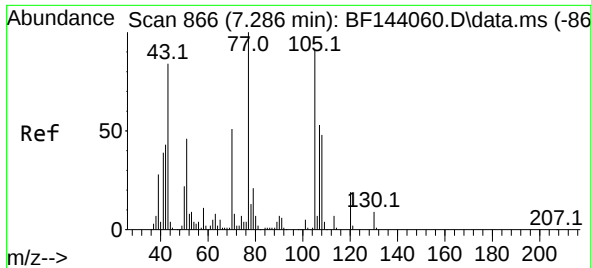
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#18
Hexachloroethane
Concen: 38.782 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

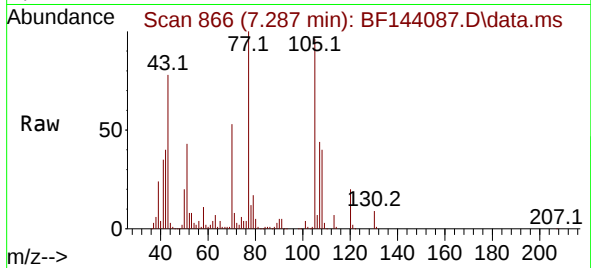
Tgt Ion:117	Resp:	54199
Ion Ratio	Lower	Upper
117	100	
119	90.7	76.6 115.0
201	121.5	100.9 151.3





#19
n-Nitroso-di-n-propylamine
Concen: 43.072 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

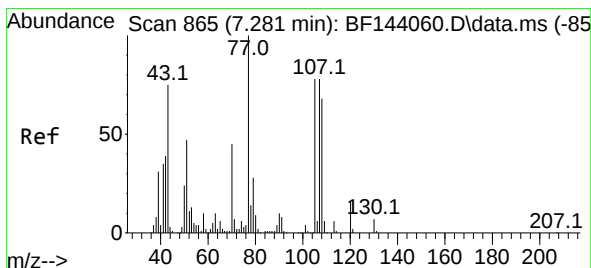
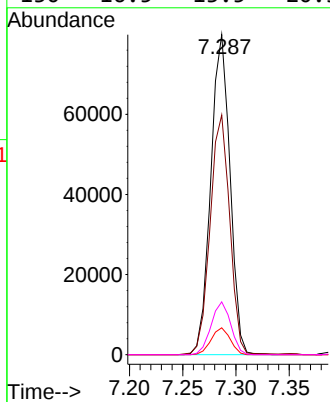
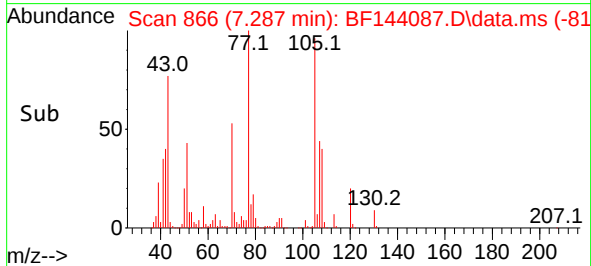
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



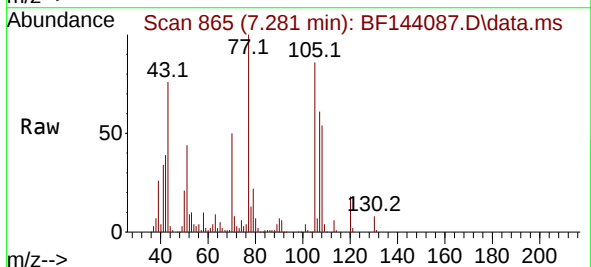
Tgt Ion: 70 Resp: 100430
Ion Ratio Lower Upper
70 100
42 74.9 67.4 101.0
101 8.4 7.1 10.7
130 16.5 13.5 20.3

Manual Integrations
APPROVED

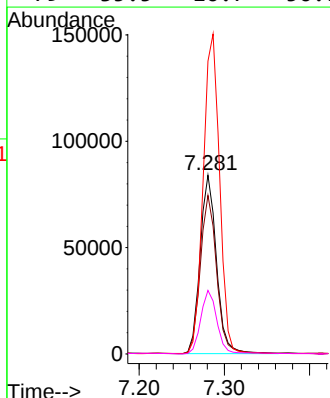
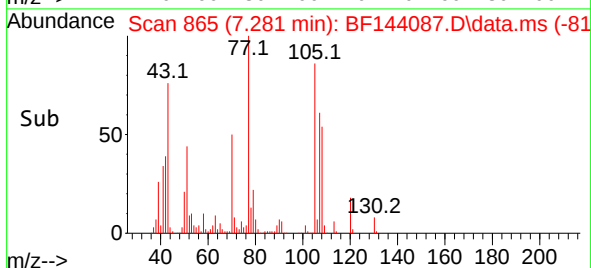
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

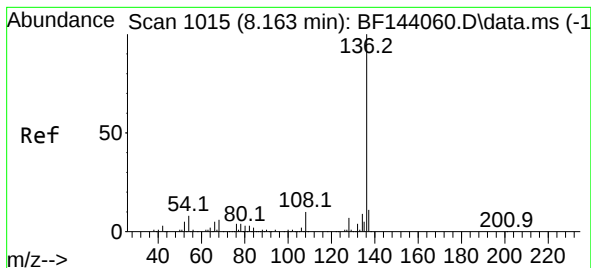


#20
3+4-Methylphenols
Concen: 38.340 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



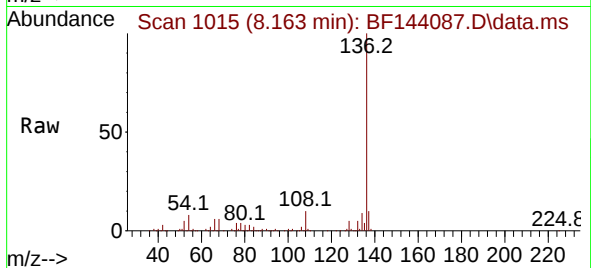
Tgt Ion:107 Resp: 112089
Ion Ratio Lower Upper
107 100
108 88.7 68.0 108.0
77 163.8 108.7 148.7#
79 35.5 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

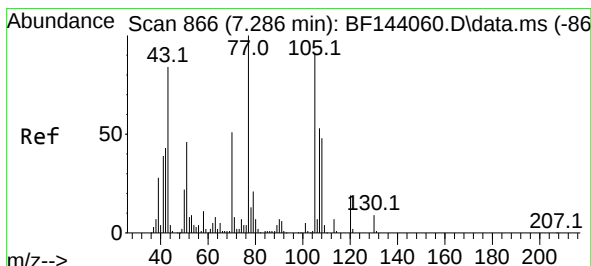
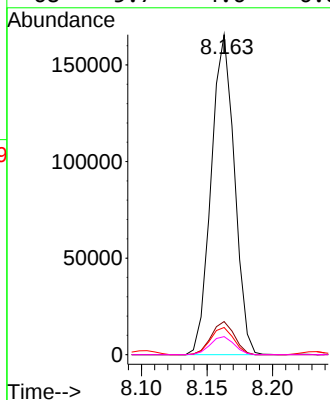
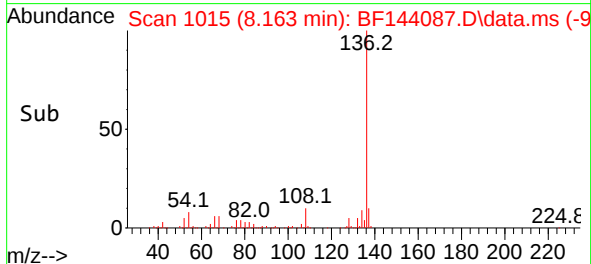
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



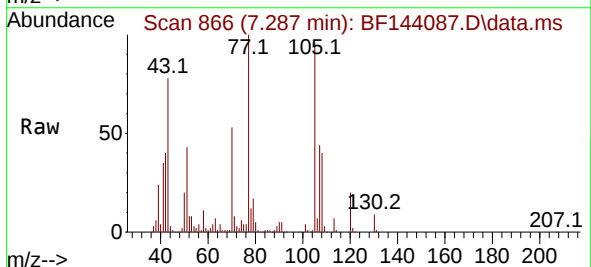
Tgt Ion:136 Resp: 204190
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.5 6.6 9.8
68 5.7 4.6 6.8

Manual Integrations
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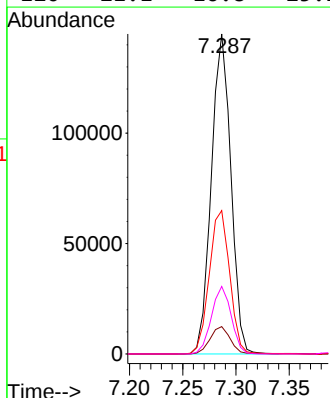
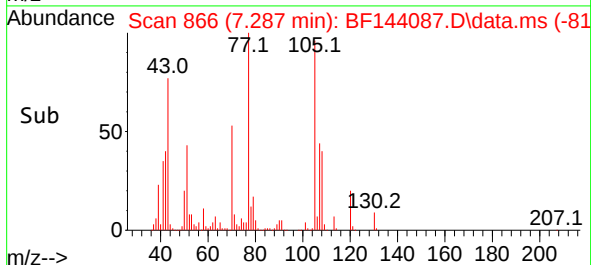
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

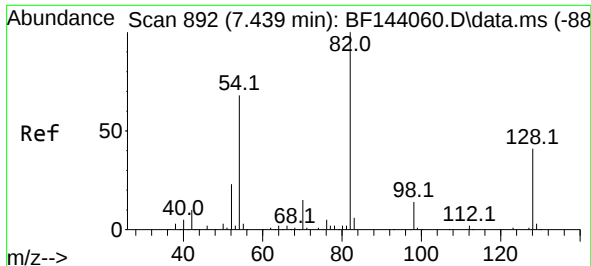


#22
Acetophenone
Concen: 41.951 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



Tgt Ion:105 Resp: 185121
Ion Ratio Lower Upper
105 100
71 8.6 6.9 10.3
51 44.8 40.6 60.8
120 21.1 16.8 25.2





#23

Nitrobenzene-d5

Concen: 41.579 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

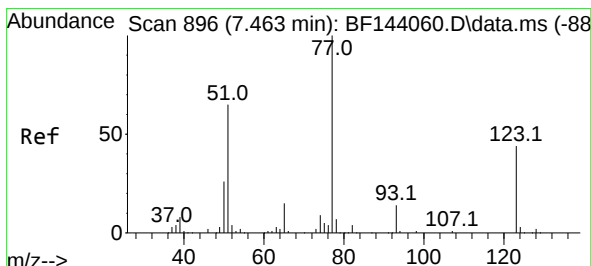
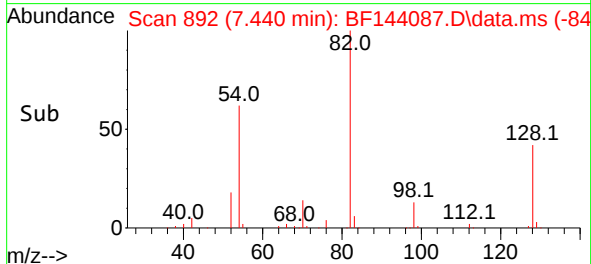
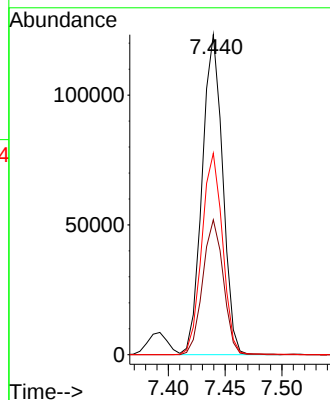
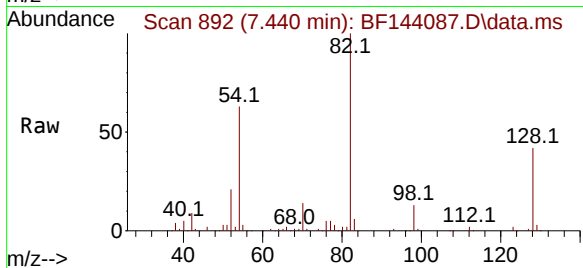
PR132-S07-000102-22510170MS

Tgt Ion: 82 Resp: 15496
 Ion Ratio Lower Upper
 82 100
 128 42.1 32.4 48.6
 54 63.0 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 10/30/2025



#24

Nitrobenzene

Concen: 36.474 ng

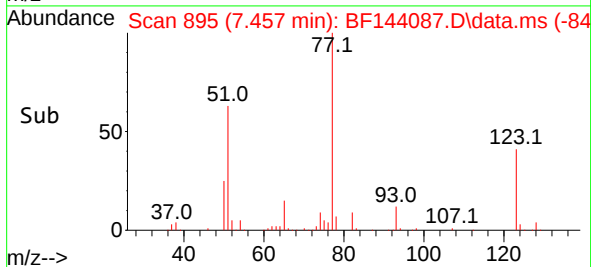
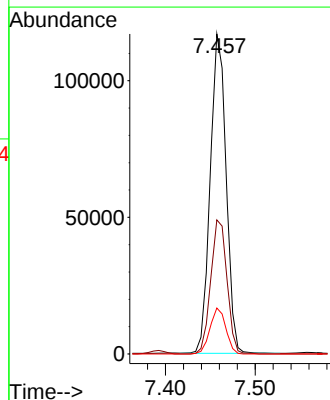
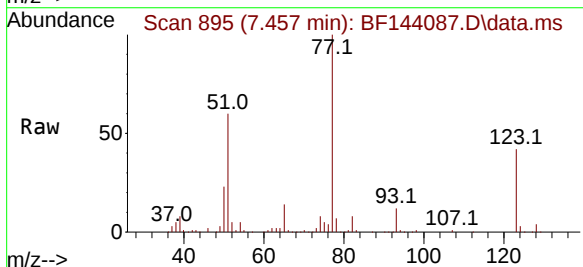
RT: 7.457 min Scan# 895

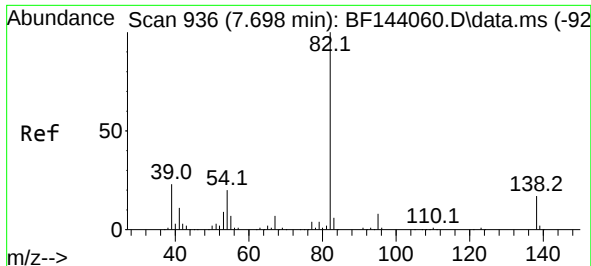
Delta R.T. -0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

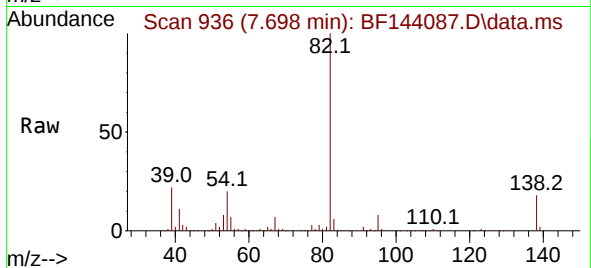
Tgt Ion: 77 Resp: 143802
 Ion Ratio Lower Upper
 77 100
 123 41.9 35.0 52.6
 65 14.4 12.2 18.2





#25
Isophorone
Concen: 41.527 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

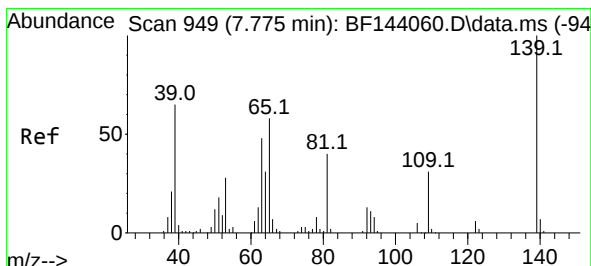
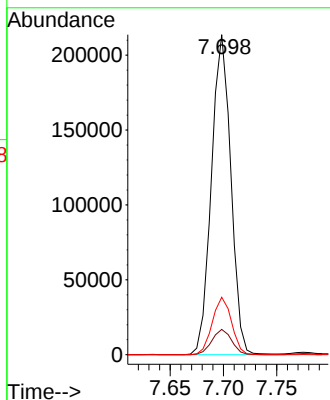
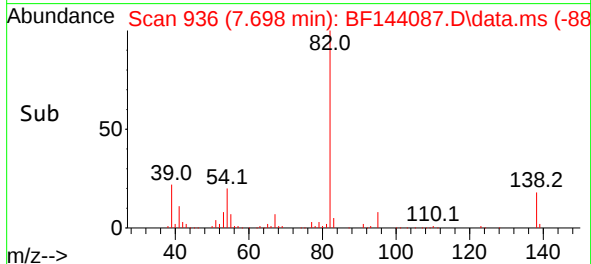
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion: 82 Resp: 27058
Ion Ratio Lower Upper
82 100
95 7.9 6.6 9.8
138 17.9 13.8 20.8

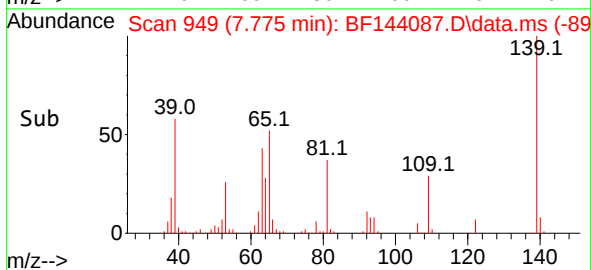
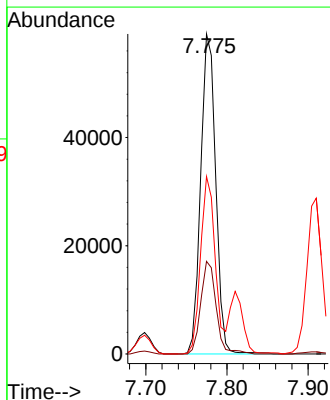
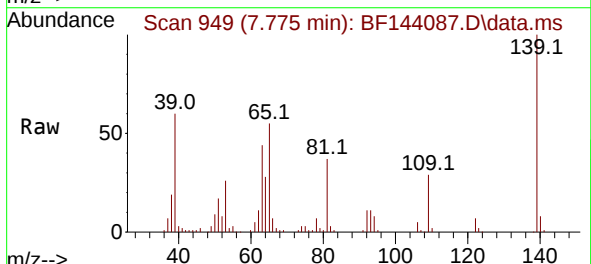
Manual Integrations
APPROVED

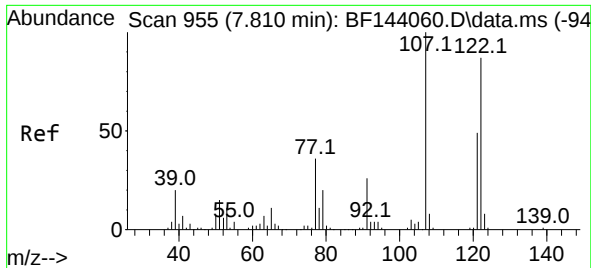
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#26
2-Nitrophenol
Concen: 40.454 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

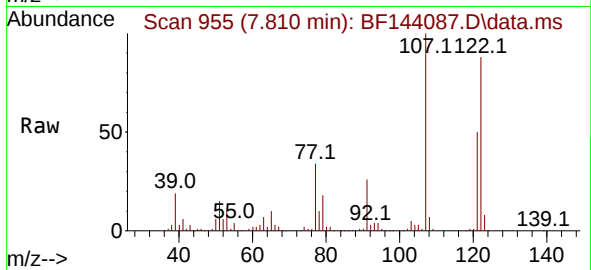
Tgt Ion:139 Resp: 75873
Ion Ratio Lower Upper
139 100
109 29.0 24.6 37.0
65 55.5 46.6 69.8





#27
2,4-Dimethylphenol
Concen: 45.216 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

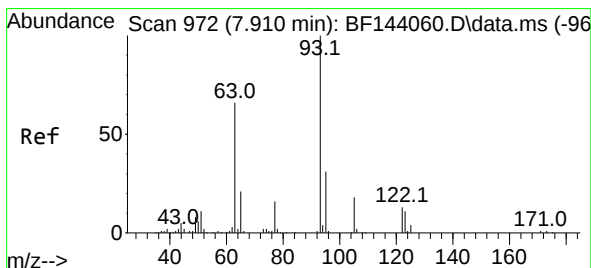
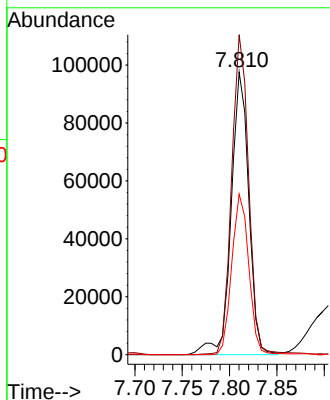
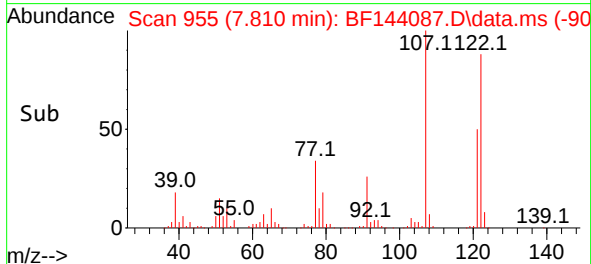
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



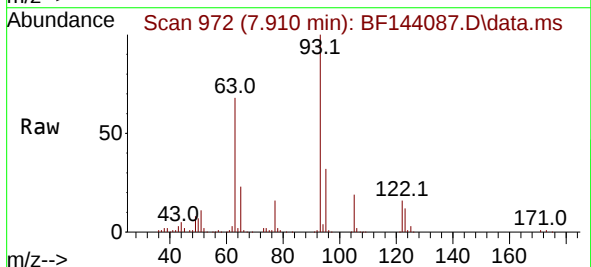
Tgt Ion:122 Resp: 126020
Ion Ratio Lower Upper
122 100
107 113.3 91.8 137.8
121 56.9 45.2 67.8

Manual Integrations
APPROVED

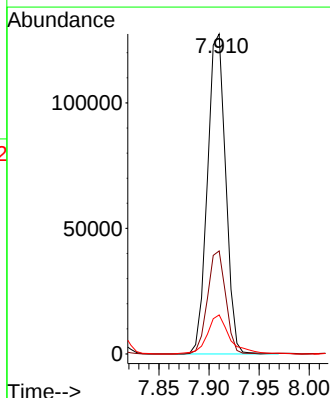
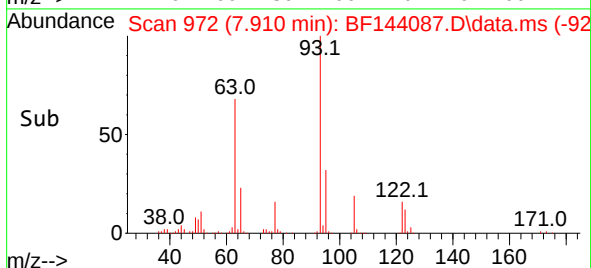
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

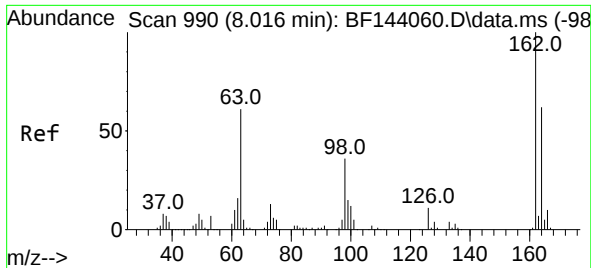


#28
bis(2-Chloroethoxy)methane
Concen: 39.693 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



Tgt Ion: 93 Resp: 161292
Ion Ratio Lower Upper
93 100
95 32.2 24.6 36.8
123 12.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.103 ng

RT: 8.016 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF144087.D

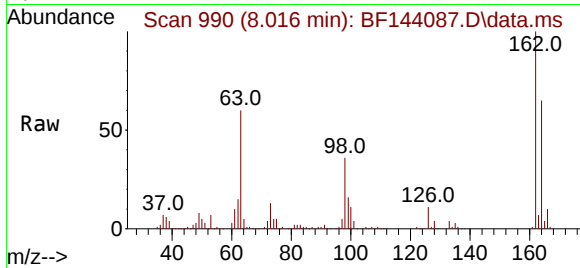
Acq: 27 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MS



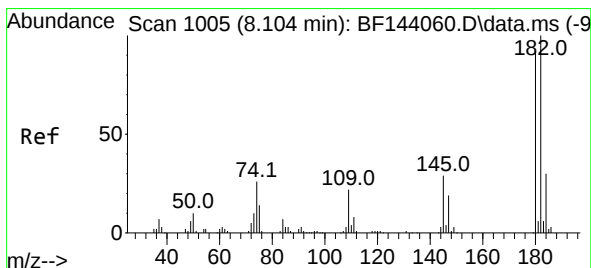
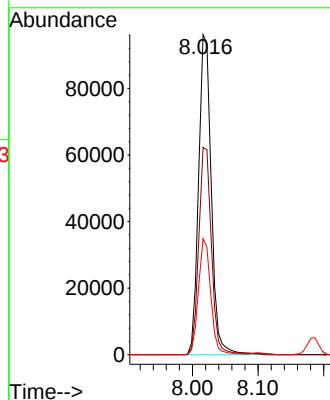
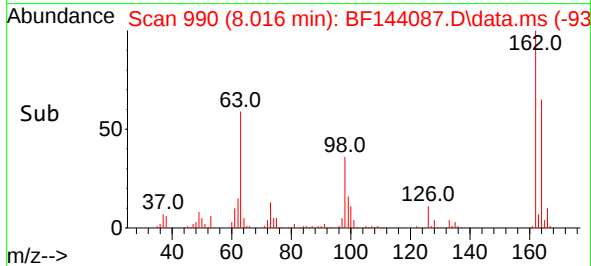
Tgt Ion:162	Resp:	12998
Ion Ratio	Lower	Upper
162	100	
164	64.7	42.1 82.1
98	36.2	16.0 56.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.158 ng

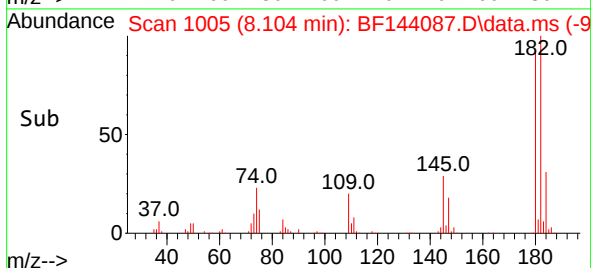
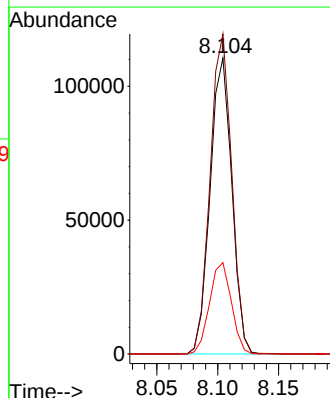
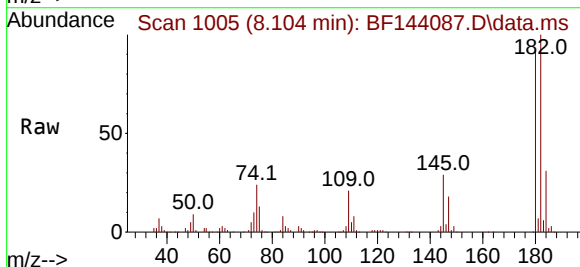
RT: 8.104 min Scan# 1005

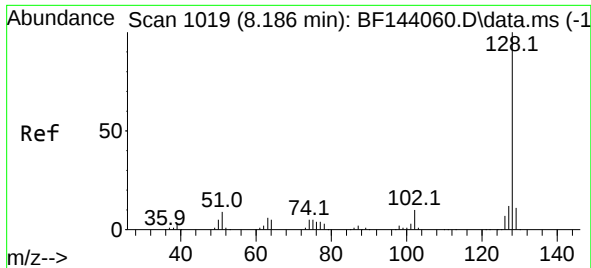
Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

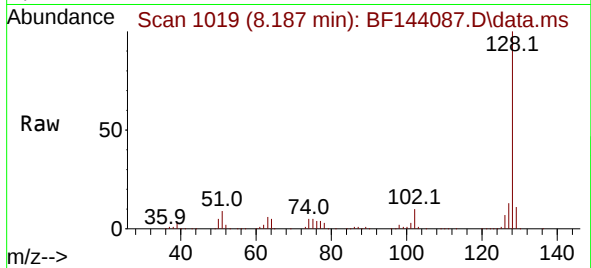
Tgt Ion:180	Resp:	137243
Ion Ratio	Lower	Upper
180	100	
182	108.1	87.1 130.7
145	30.9	25.3 37.9





#31
Naphthalene
Concen: 39.537 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

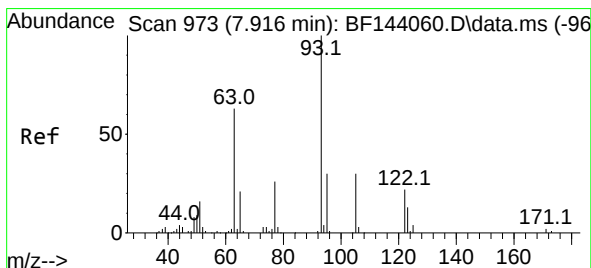
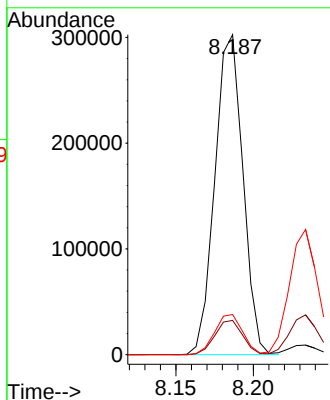
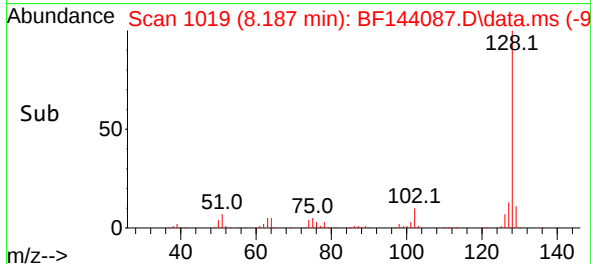
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:128 Resp: 38102
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.6 9.9 14.9

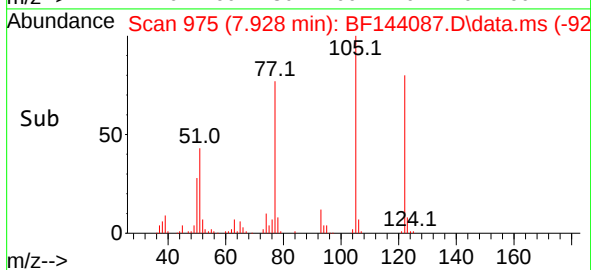
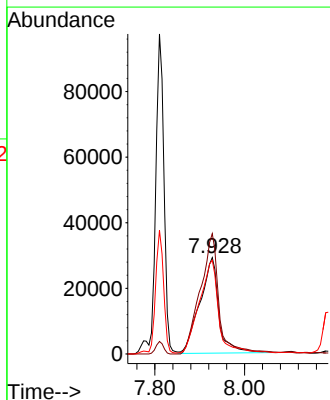
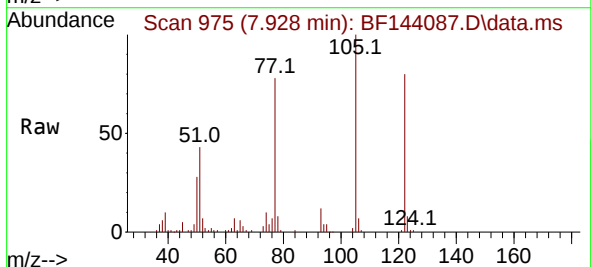
Manual Integrations
APPROVED

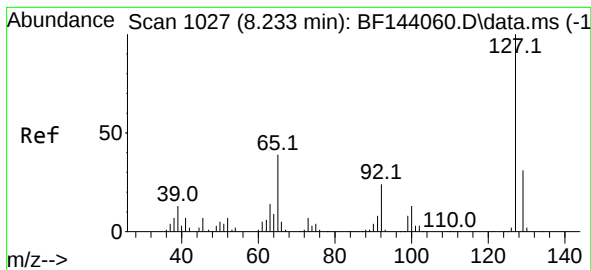
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#32
Benzoic acid
Concen: 48.823 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

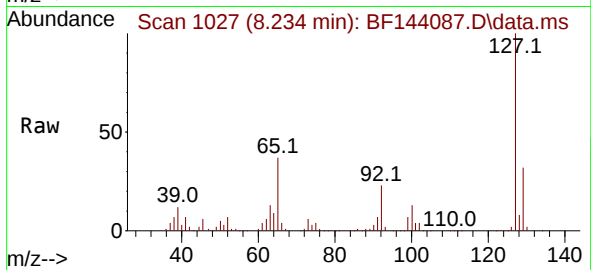
Tgt Ion:122 Resp: 86317
Ion Ratio Lower Upper
122 100
105 124.8 111.3 151.3
77 97.3 96.7 136.7





#33
4-Chloroaniline
Concen: 45.991 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

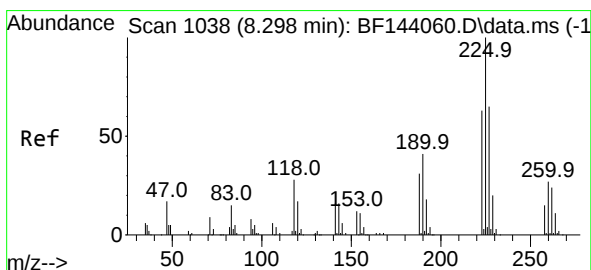
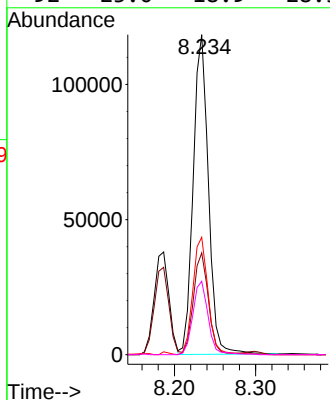
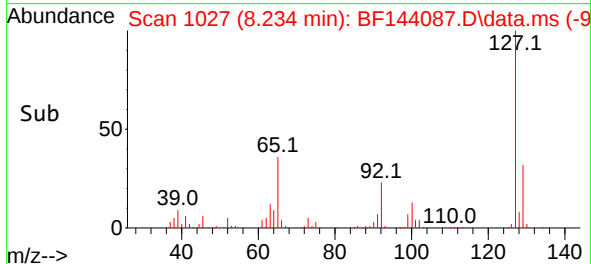
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:127 Resp: 15429
Ion Ratio Lower Upper
127 100
129 31.8 25.6 38.4
65 36.7 30.9 46.3
92 23.0 18.9 28.3

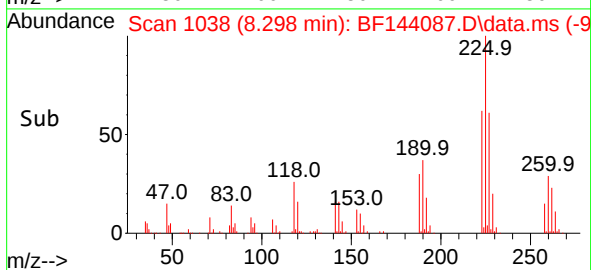
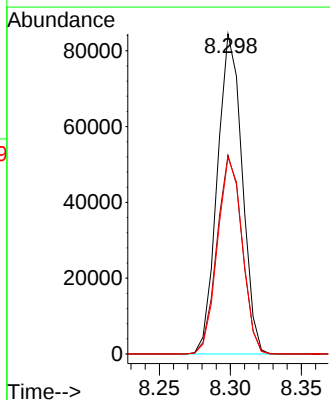
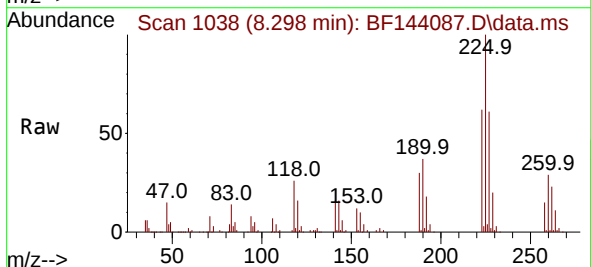
Manual Integrations
APPROVED

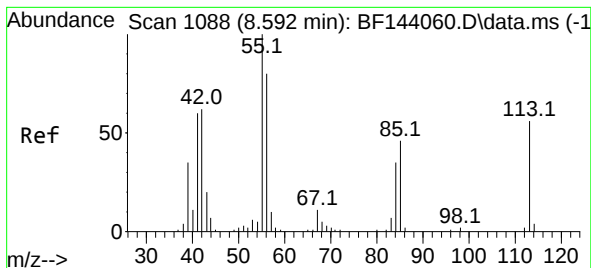
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#34
Hexachlorobutadiene
Concen: 37.603 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Tgt Ion:225 Resp: 102530
Ion Ratio Lower Upper
225 100
223 62.1 50.6 76.0
227 61.5 51.8 77.8





#35

Caprolactam

Concen: 53.314 ng m

RT: 8.598 min Scan# 1089

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

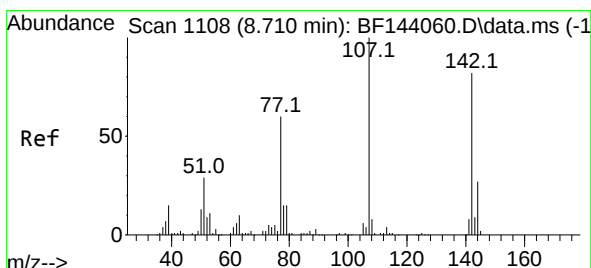
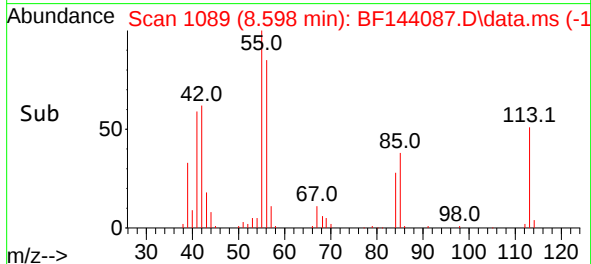
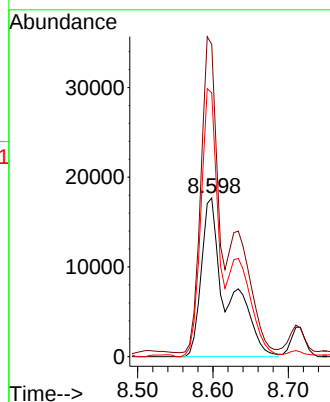
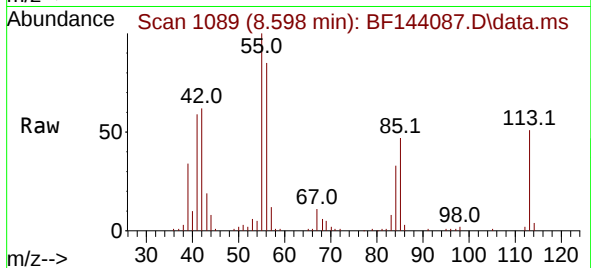
PR132-S07-000102-22510170MS

Tgt Ion:113 Resp: 43334
 Ion Ratio Lower Upper
 113 100
 55 196.7 160.1 200.1
 56 166.2 124.9 164.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 10/30/2025



#36

4-Chloro-3-methylphenol

Concen: 46.545 ng

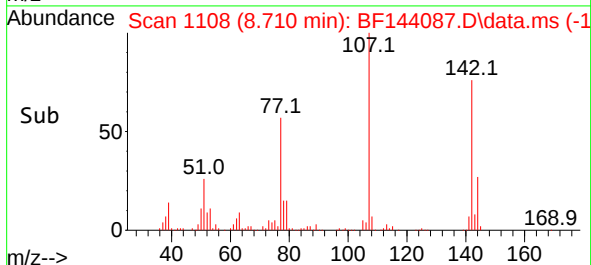
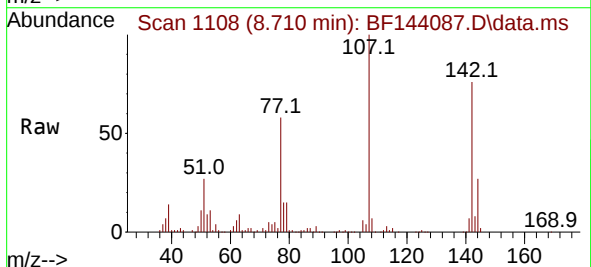
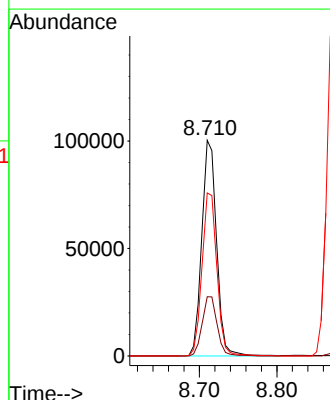
RT: 8.710 min Scan# 1108

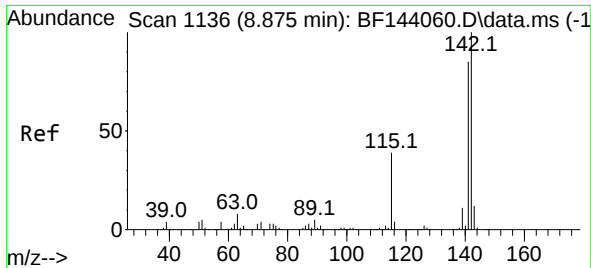
Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

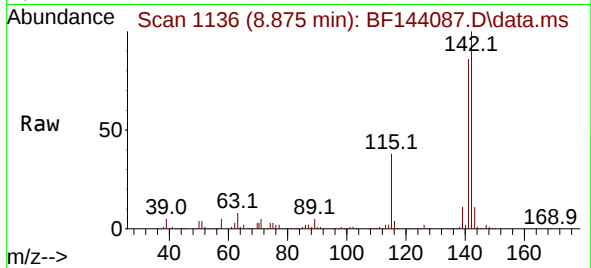
Tgt Ion:107 Resp: 133136
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.6 32.4
 142 75.6 65.4 98.0





#37
2-Methylnaphthalene
Concen: 38.750 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

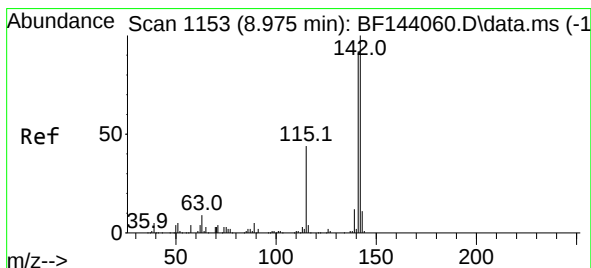
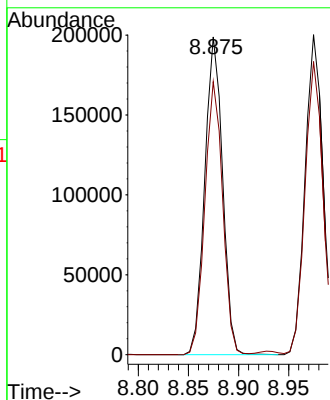
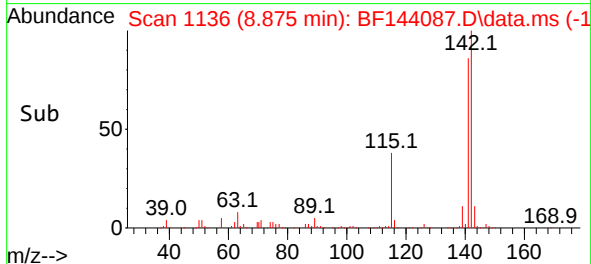
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



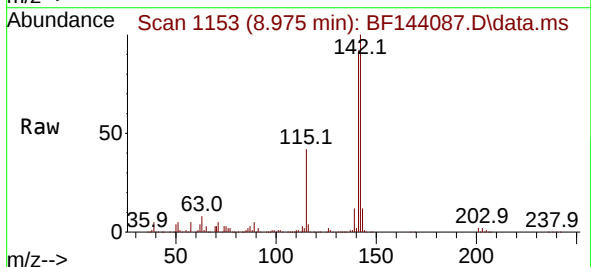
Tgt Ion:142 Resp: 24621
Ion Ratio Lower Upper
142 100
141 85.9 67.6 101.4

Manual Integrations
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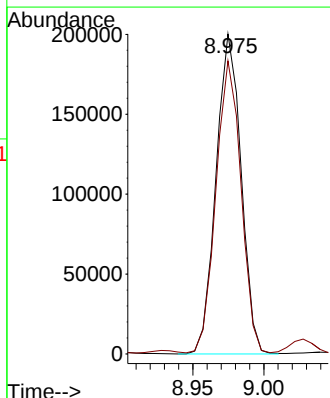
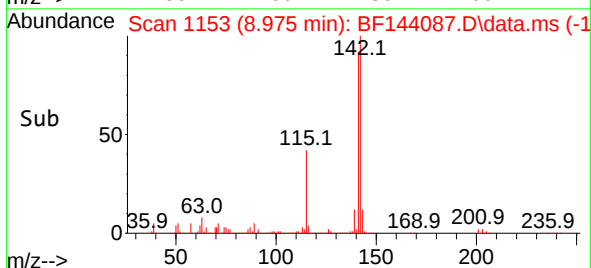
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

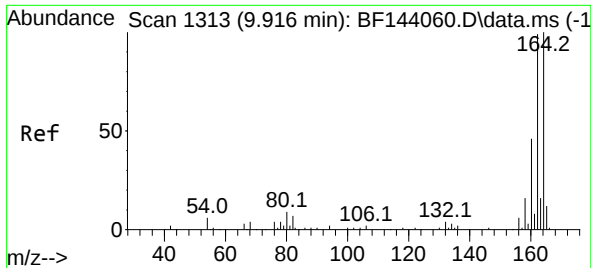


#38
1-Methylnaphthalene
Concen: 40.780 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



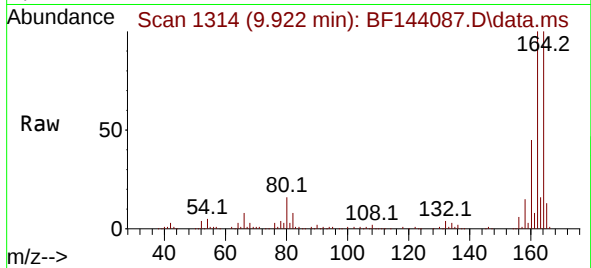
Tgt Ion:142 Resp: 245485
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

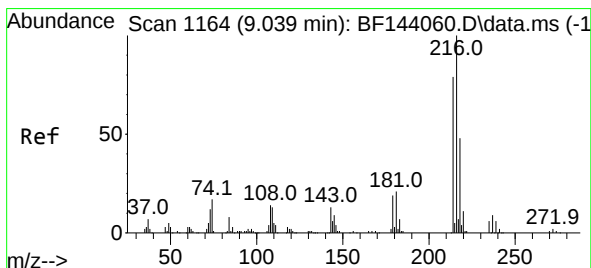
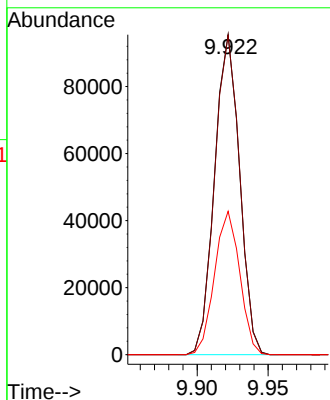
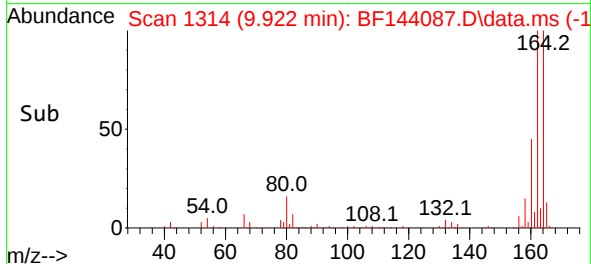
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:164 Resp: 11696
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.2
160 44.8 36.7 55.1

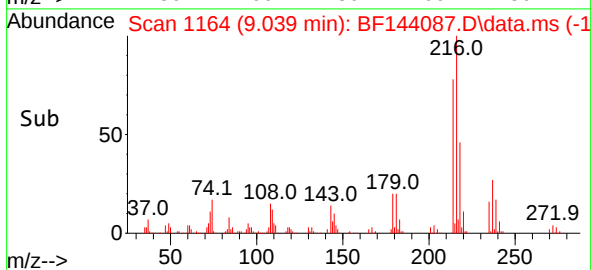
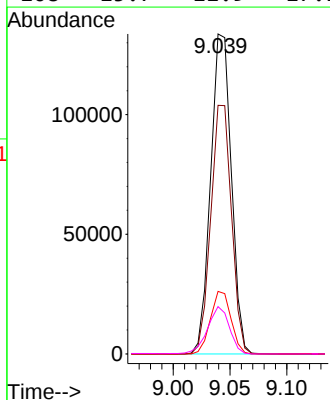
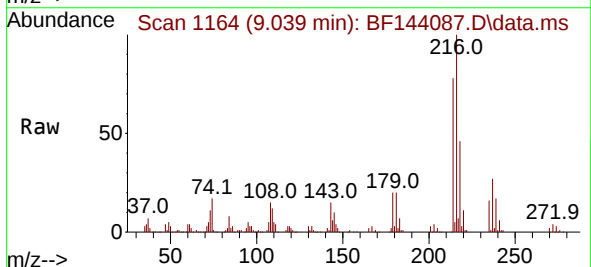
Manual Integrations
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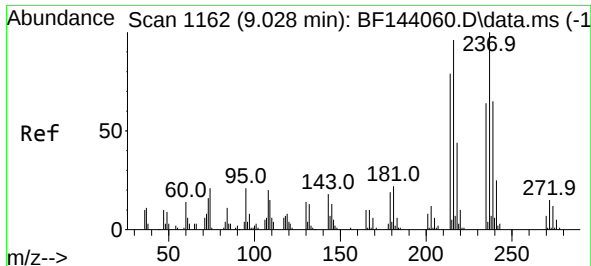
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.183 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

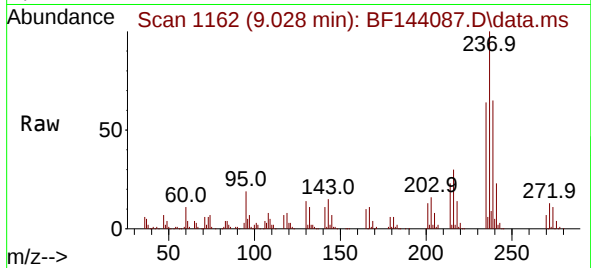
Tgt Ion:216 Resp: 169567
Ion Ratio Lower Upper
216 100
214 77.7 63.2 94.8
179 19.4 15.2 22.8
108 15.7 11.9 17.9





#41
Hexachlorocyclopentadiene
Concen: 86.014 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

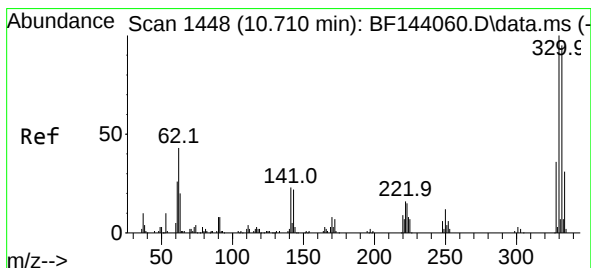
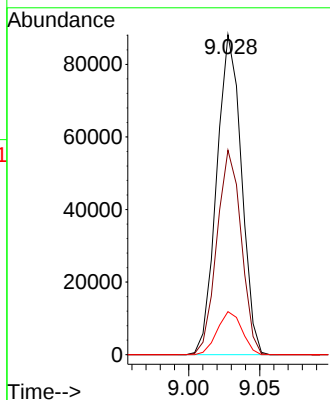
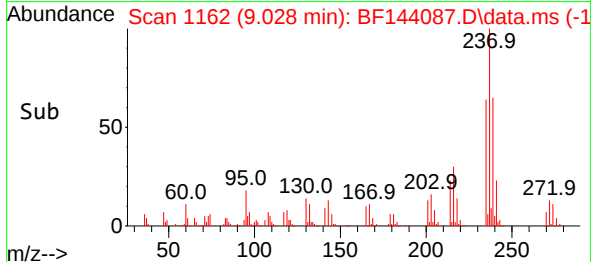
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



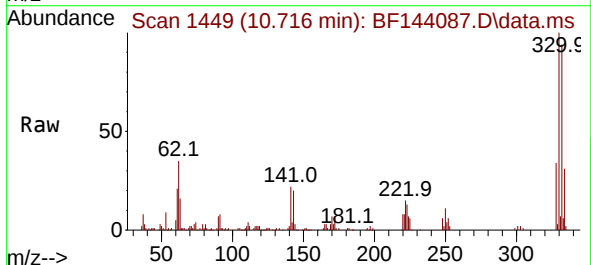
Tgt Ion:237 Resp: 106792
Ion Ratio Lower Upper
237 100
235 63.9 44.3 84.3
272 13.4 0.0 35.2

Manual Integrations
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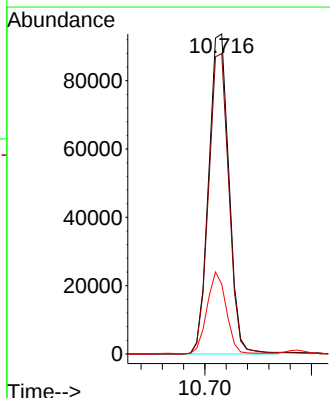
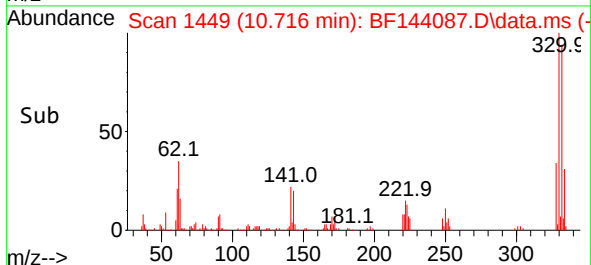
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

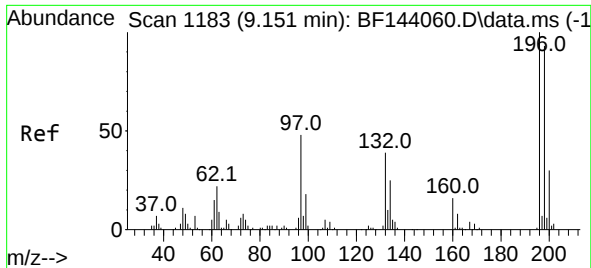


#42
2,4,6-Tribromophenol
Concen: 82.948 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



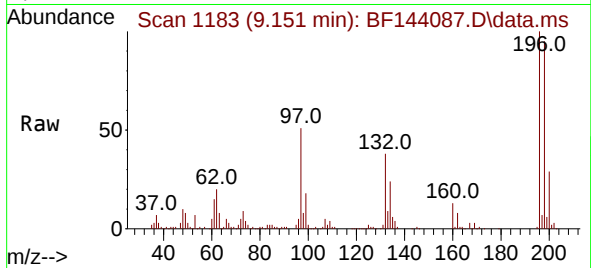
Tgt Ion:330 Resp: 123583
Ion Ratio Lower Upper
330 100
332 94.2 77.0 115.6
141 24.4 19.4 29.0





#43
2,4,6-Trichlorophenol
Concen: 43.384 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

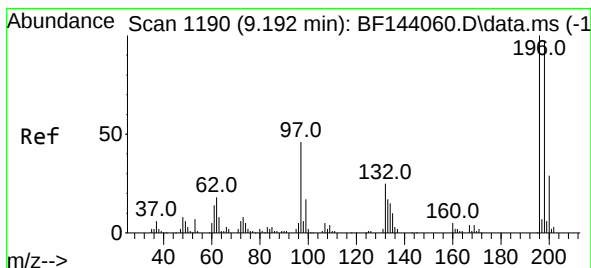
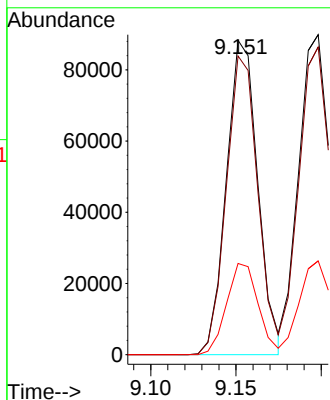
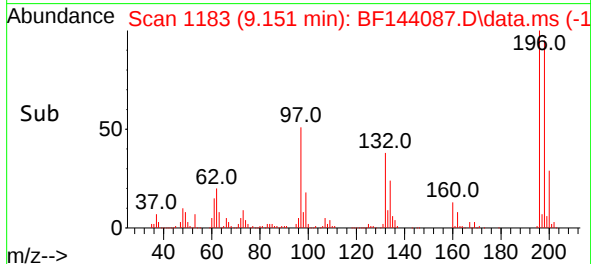
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



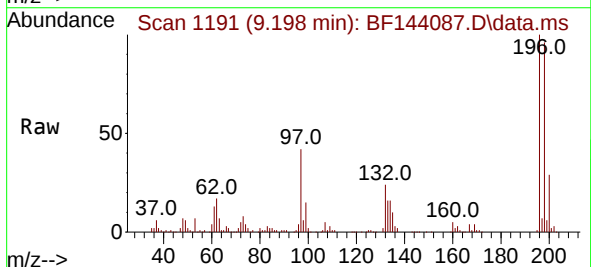
Tgt Ion:196 Resp: 113354
Ion Ratio Lower Upper
196 100
198 95.0 74.4 111.6
200 29.0 23.8 35.8

Manual Integrations
APPROVED

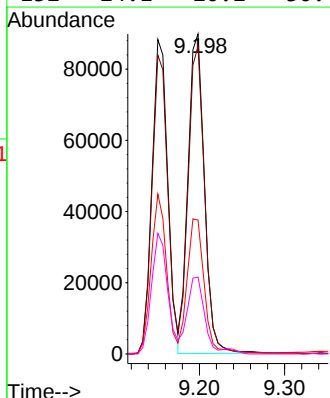
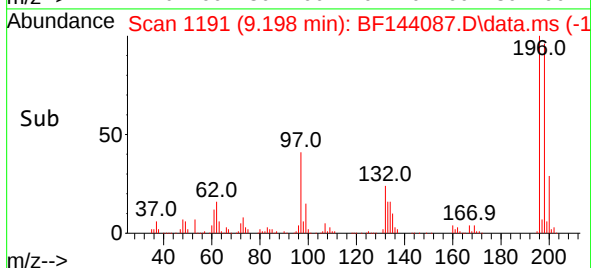
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

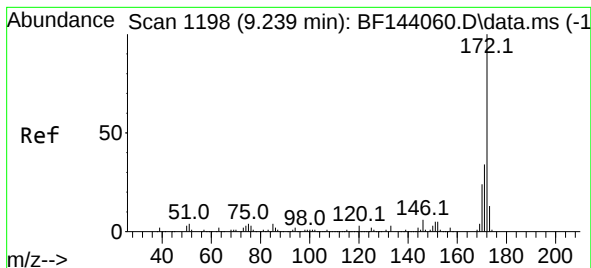


#44
2,4,5-Trichlorophenol
Concen: 43.863 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



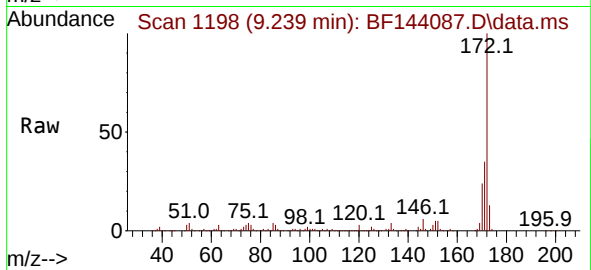
Tgt Ion:196 Resp: 120280
Ion Ratio Lower Upper
196 100
198 96.2 78.0 117.0
97 41.9 37.7 56.5
132 24.1 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 40.643 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

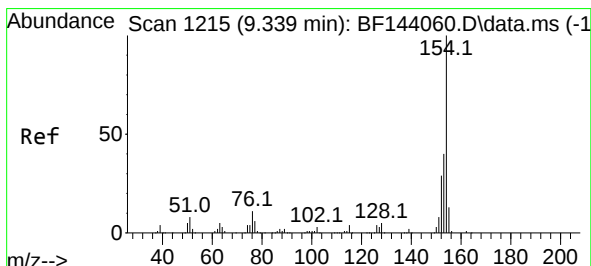
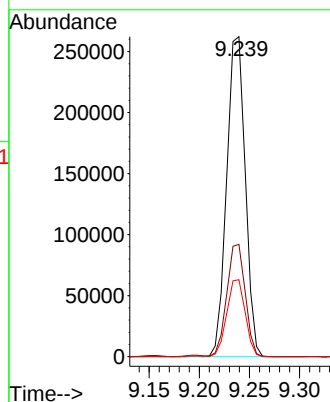
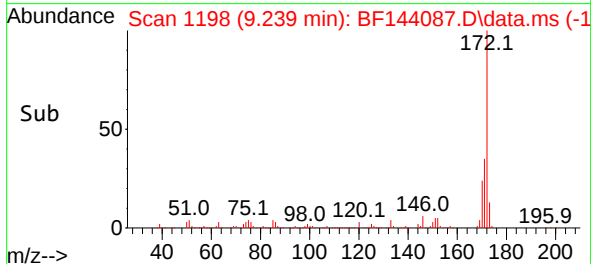
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



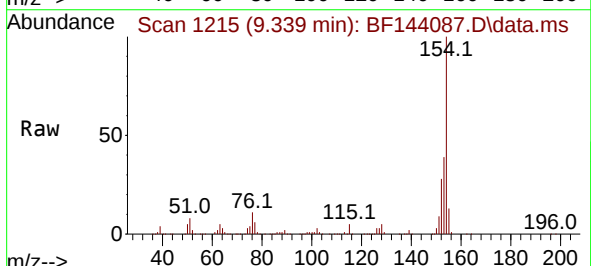
Tgt Ion:172 Resp: 337808
Ion Ratio Lower Upper
172 100
171 35.1 27.5 41.3
170 24.0 19.0 28.6

Manual Integrations
APPROVED

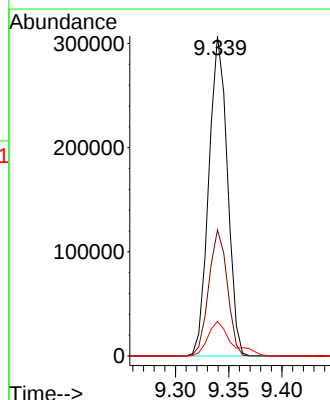
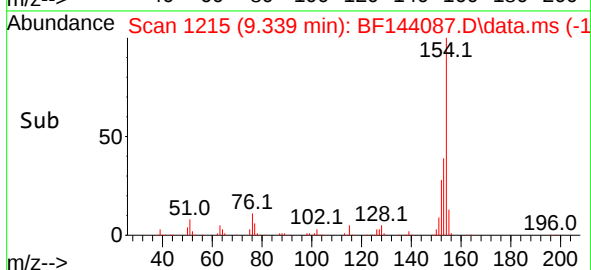
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

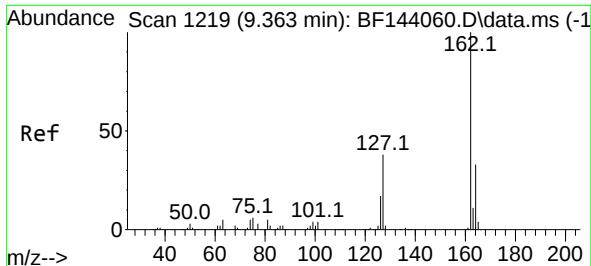


#46
1,1'-Biphenyl
Concen: 44.446 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



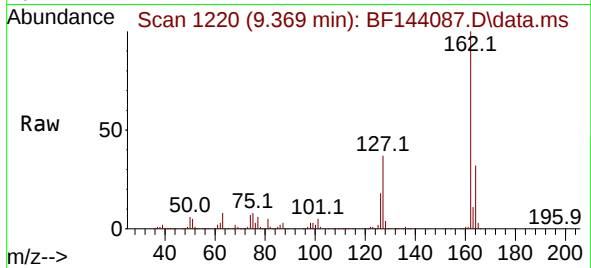
Tgt Ion:154 Resp: 372132
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 10.8 0.0 31.1





#47
2-Chloronaphthalene
Concen: 39.857 ng
RT: 9.369 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

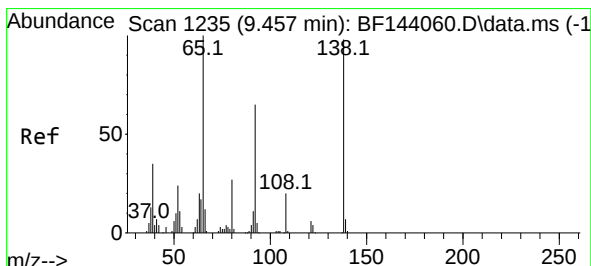
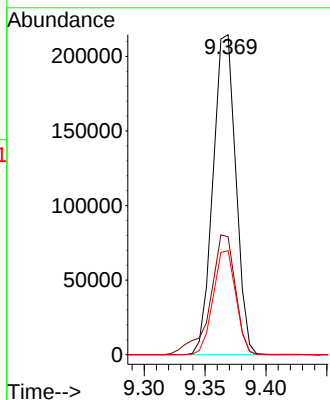
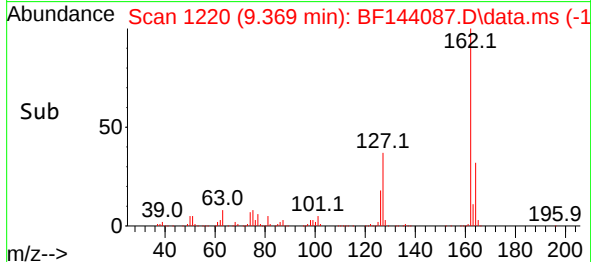
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:162 Resp: 27957
Ion Ratio Lower Upper
162 100
127 36.9 31.6 47.4
164 32.5 26.5 39.7

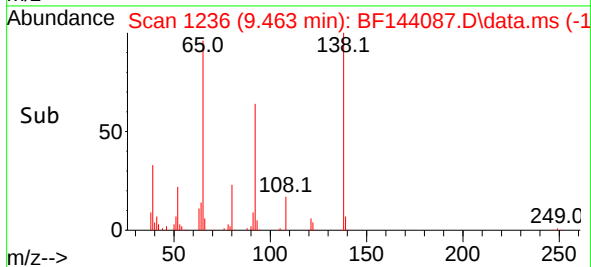
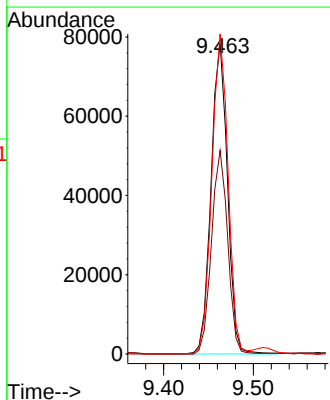
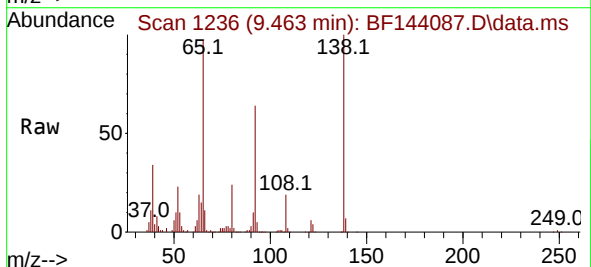
Manual Integrations
APPROVED

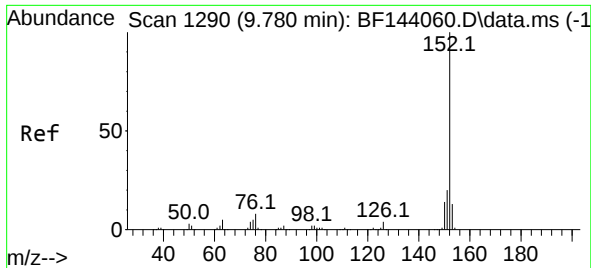
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#48
2-Nitroaniline
Concen: 47.718 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

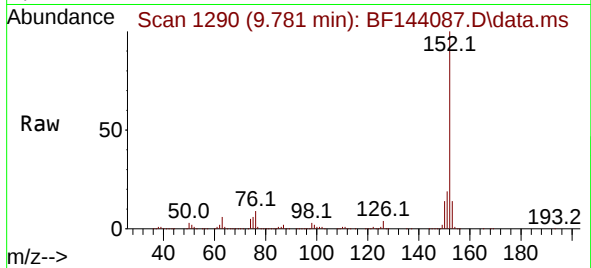
Tgt Ion: 65 Resp: 99394
Ion Ratio Lower Upper
65 100
92 65.4 52.3 78.5
138 102.9 78.3 117.5





#49
Acenaphthylene
Concen: 46.773 ng
RT: 9.781 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

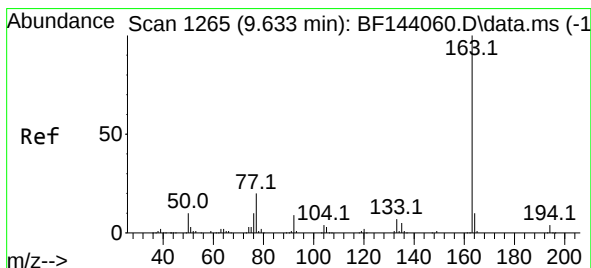
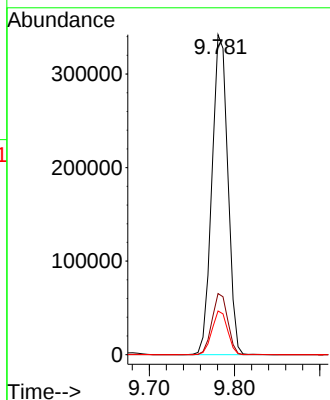
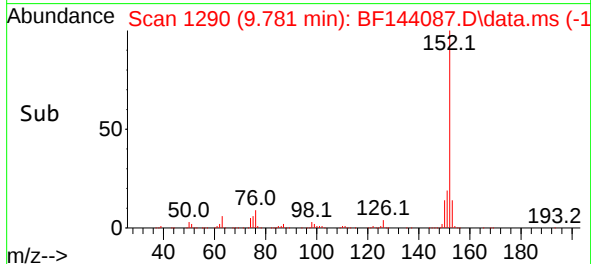
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



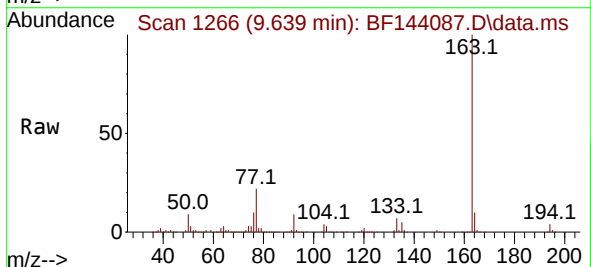
Tgt Ion:152 Resp: 44238
Ion Ratio Lower Upper
152 100
151 19.1 15.9 23.9
153 13.6 10.4 15.6

Manual Integrations
APPROVED

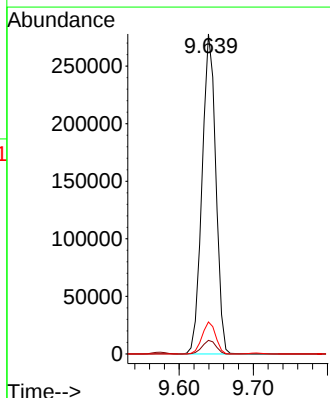
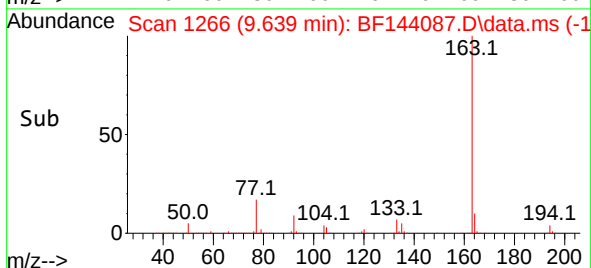
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

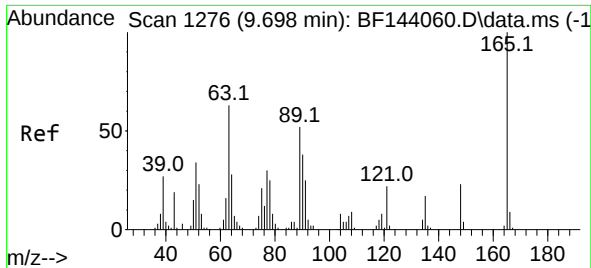


#50
Dimethylphthalate
Concen: 46.794 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



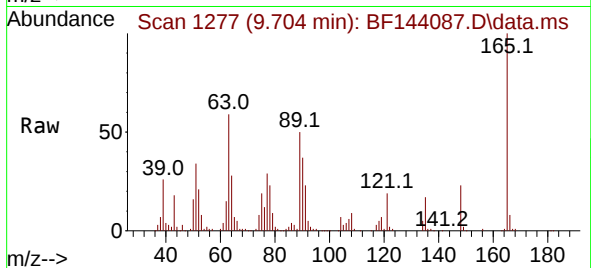
Tgt Ion:163 Resp: 358757
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 49.047 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

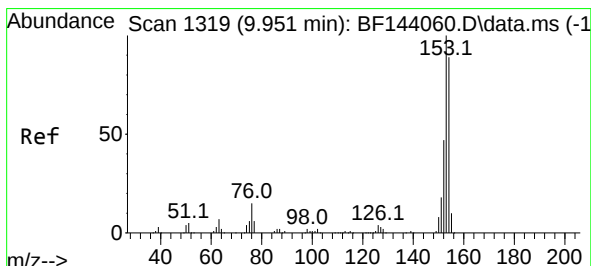
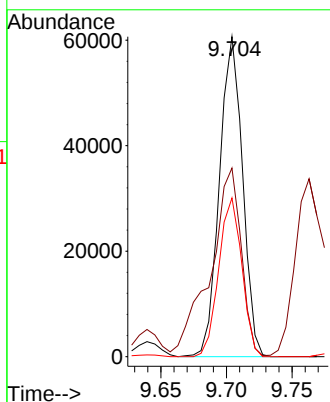
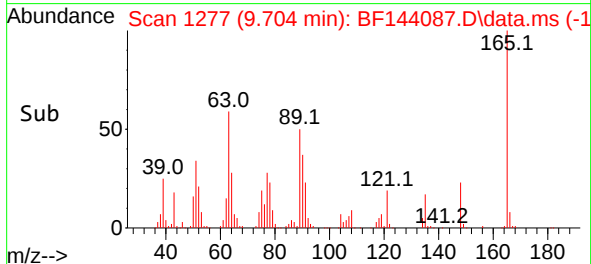
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



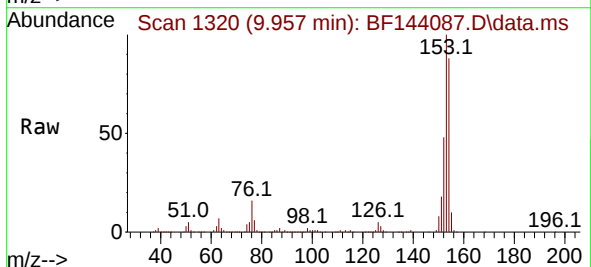
Tgt Ion:165 Resp: 7433
Ion Ratio Lower Upper
165 100
63 58.9 50.4 75.6
89 49.6 41.4 62.2

Manual Integrations
APPROVED

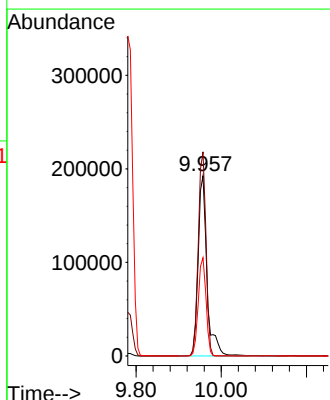
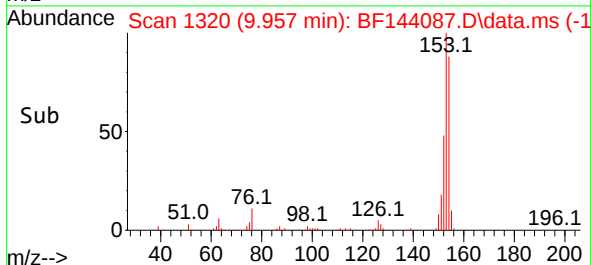
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

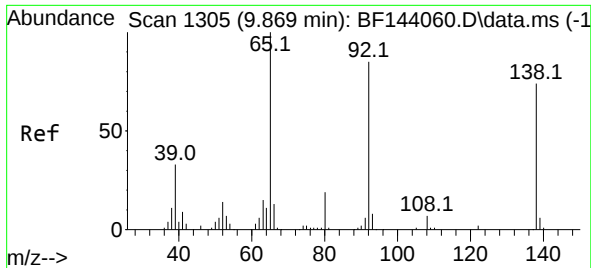


#52
Acenaphthene
Concen: 44.173 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



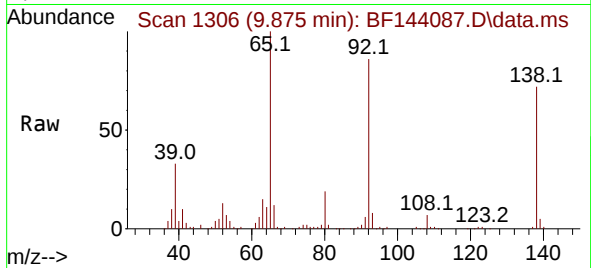
Tgt Ion:154 Resp: 279018
Ion Ratio Lower Upper
154 100
153 113.3 89.9 134.9
152 54.5 42.0 63.0





#53
3-Nitroaniline
Concen: 49.796 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

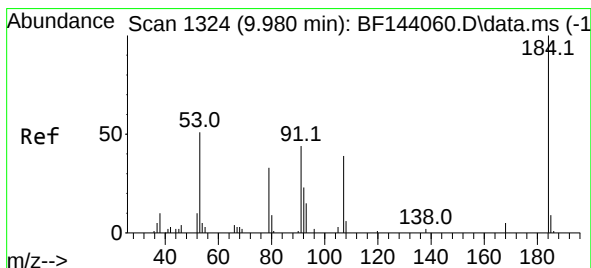
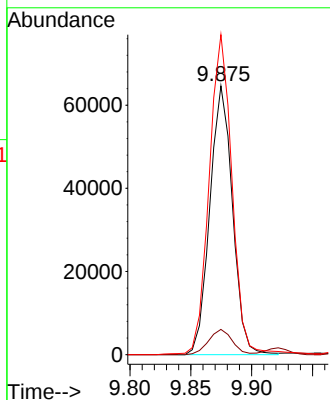
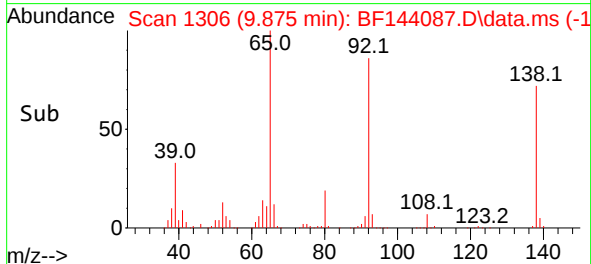
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:138 Resp: 83912
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 119.0 92.0 138.0

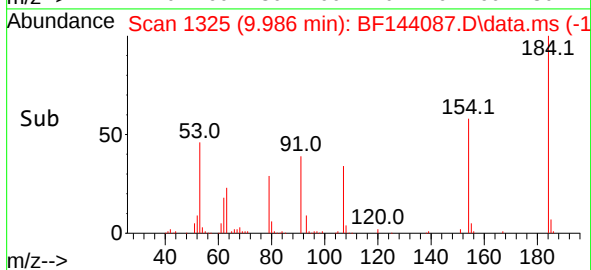
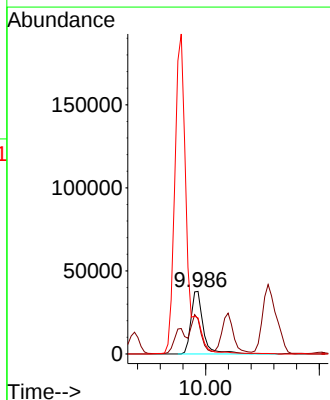
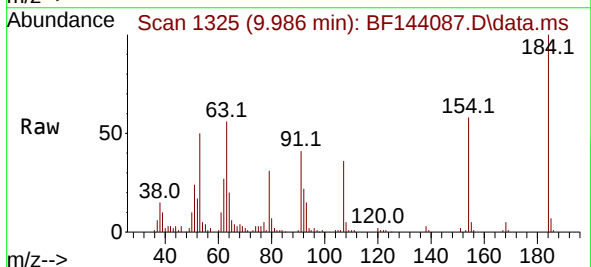
Manual Integrations
APPROVED

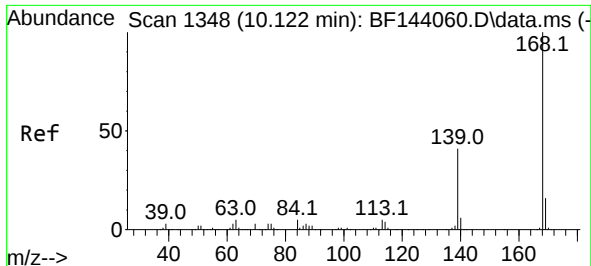
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#54
2,4-Dinitrophenol
Concen: 69.957 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

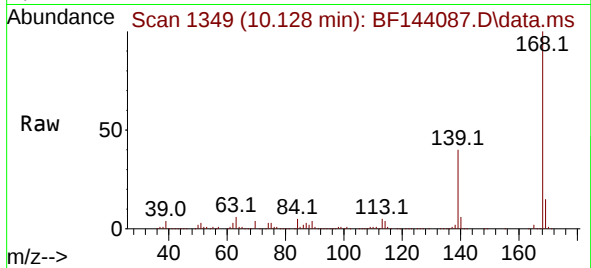
Tgt Ion:184 Resp: 57347
Ion Ratio Lower Upper
184 100
63 55.7 52.1 78.1
154 57.7 47.9 71.9





#55
Dibenzenofuran
Concen: 43.594 ng
RT: 10.128 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

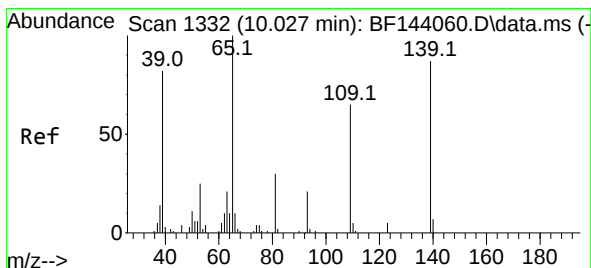
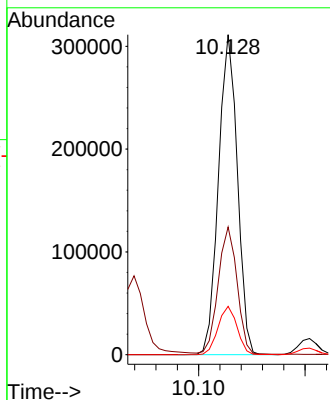
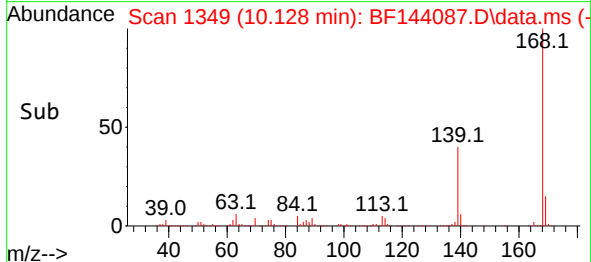
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:168 Resp: 382278
Ion Ratio Lower Upper
168 100
139 39.9 33.2 49.8
169 15.1 12.6 19.0

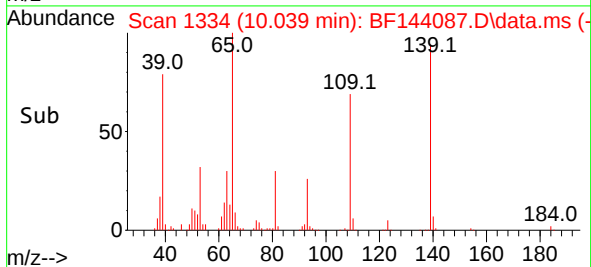
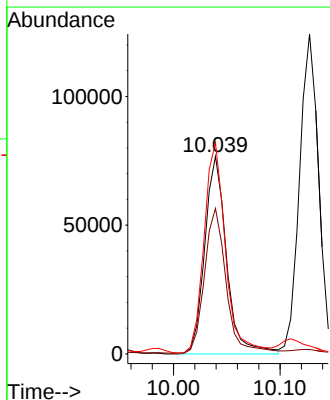
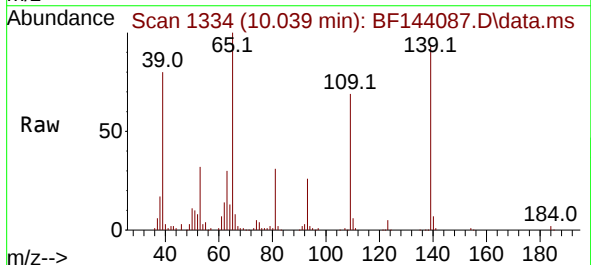
Manual Integrations
APPROVED

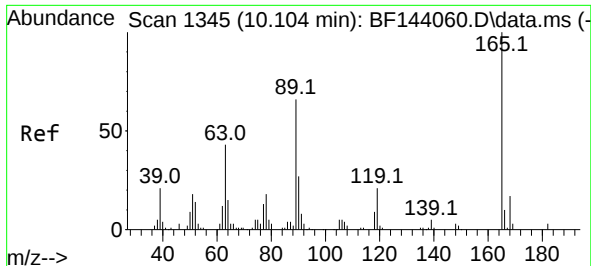
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#56
4-Nitrophenol
Concen: 95.702 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

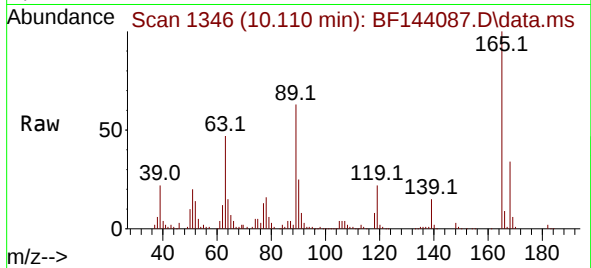
Tgt Ion:139 Resp: 109204
Ion Ratio Lower Upper
139 100
109 73.7 53.8 93.8
65 107.0 95.9 135.9





#57
2,4-Dinitrotoluene
Concen: 53.328 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

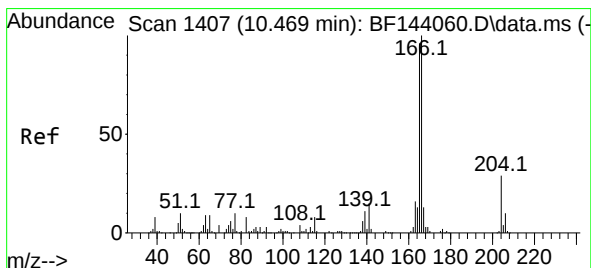
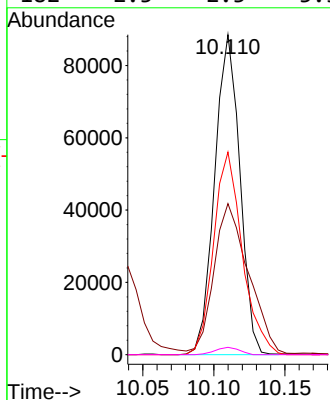
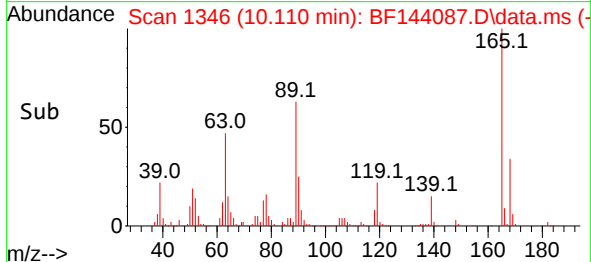
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:165 Resp: 109080
Ion Ratio Lower Upper
165 100
63 47.2 35.4 53.2
89 63.3 52.7 79.1
182 2.3 2.3 3.5#

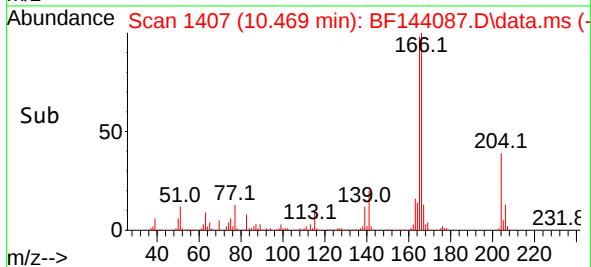
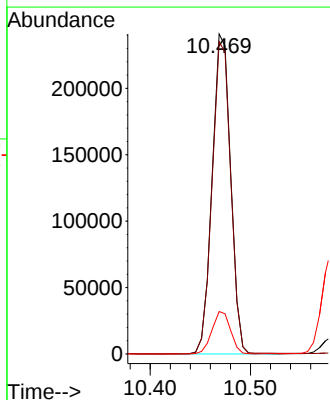
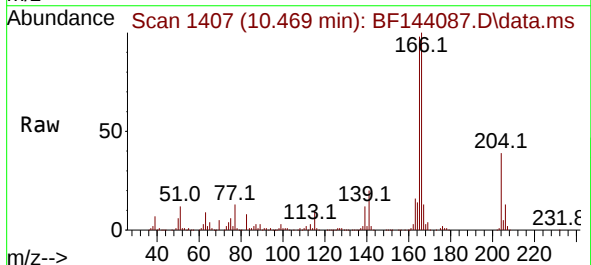
Manual Integrations
APPROVED

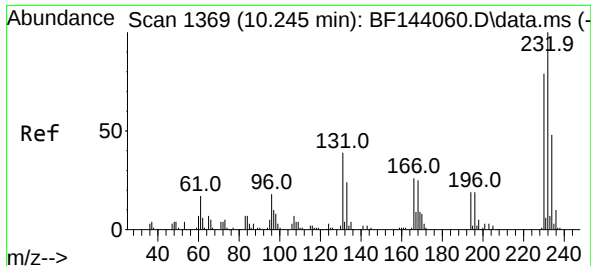
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#58
Fluorene
Concen: 45.992 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

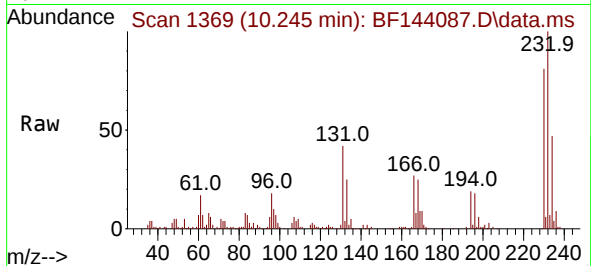
Tgt Ion:166 Resp: 307301
Ion Ratio Lower Upper
166 100
165 97.6 77.0 115.4
167 13.3 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.734 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

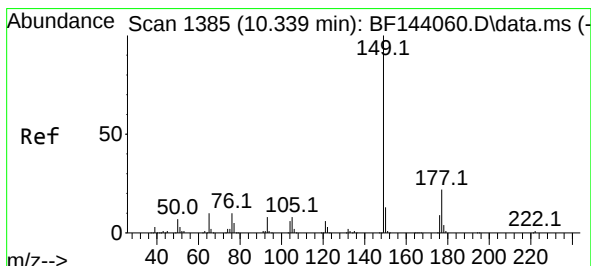
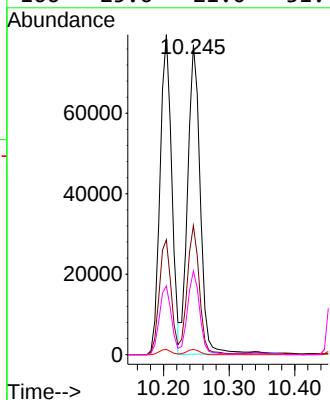
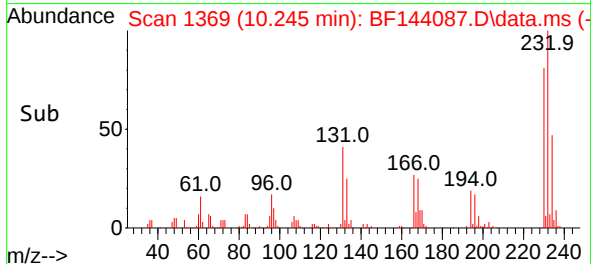
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:232 Resp: 10190
Ion Ratio Lower Upper
232 100
131 39.7 31.9 47.9
130 1.7 1.1 1.7
166 25.6 21.0 31.4

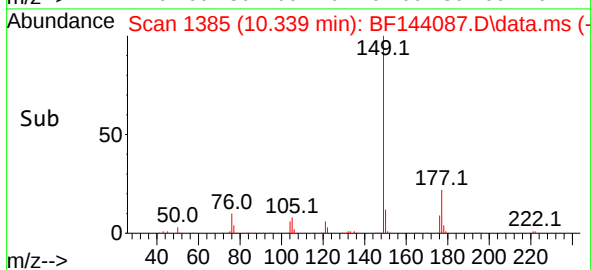
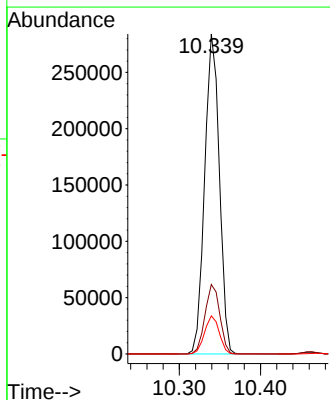
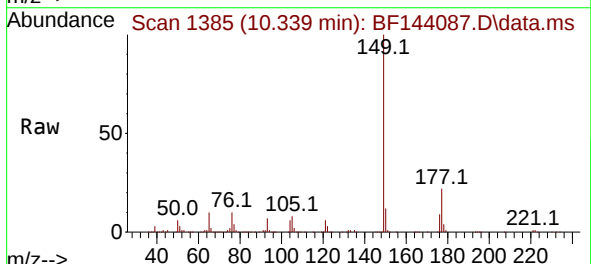
Manual Integrations
APPROVED

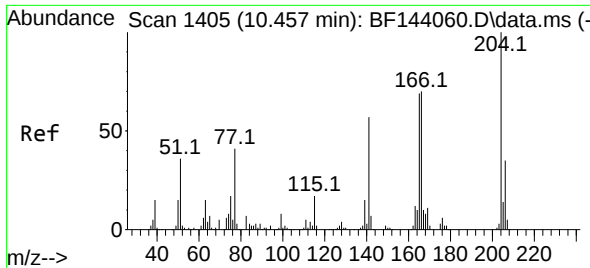
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#60
Diethylphthalate
Concen: 49.373 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

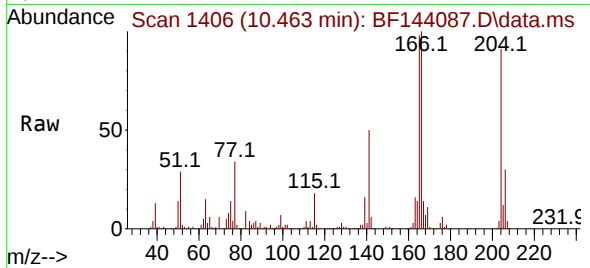
Tgt Ion:149 Resp: 355980
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 11.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.963 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

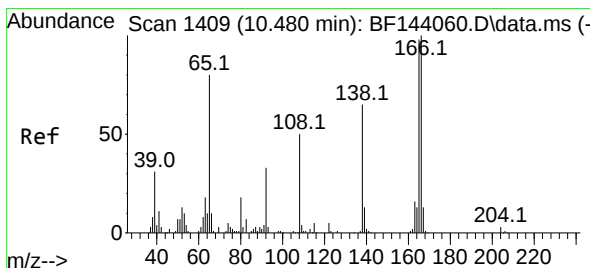
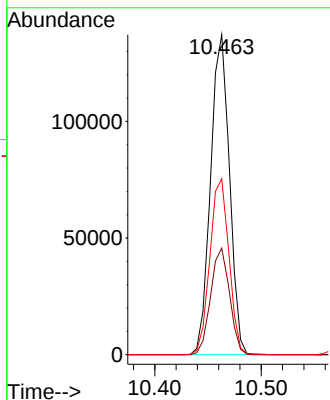
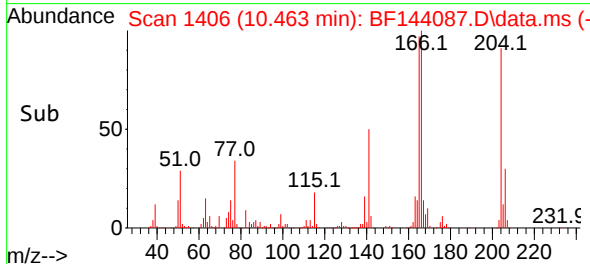
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



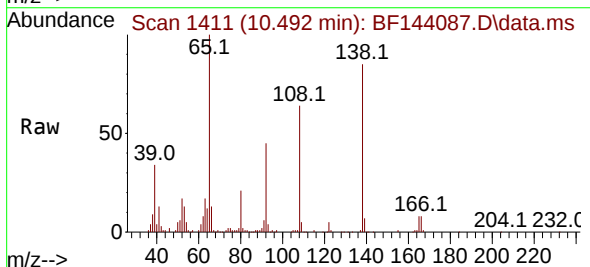
Tgt Ion:204 Resp: 168948
Ion Ratio Lower Upper
204 100
206 33.3 27.8 41.6
141 54.9 45.4 68.2

Manual Integrations
APPROVED

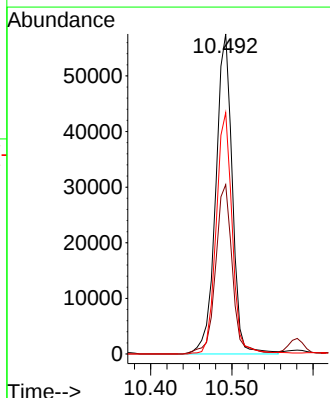
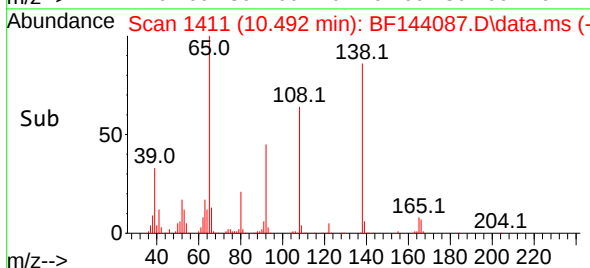
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

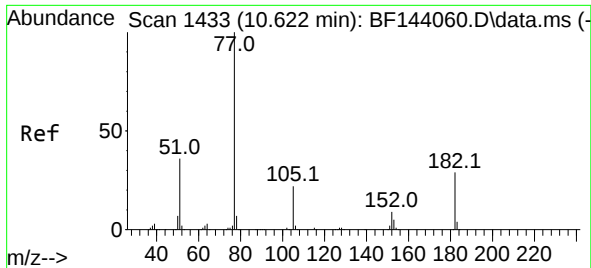


#62
4-Nitroaniline
Concen: 51.067 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



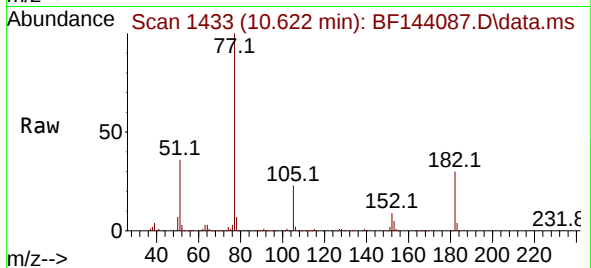
Tgt Ion:138 Resp: 81536
Ion Ratio Lower Upper
138 100
92 52.9 30.5 70.5
108 75.4 56.2 96.2





#63
Azobenzene
Concen: 49.224 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

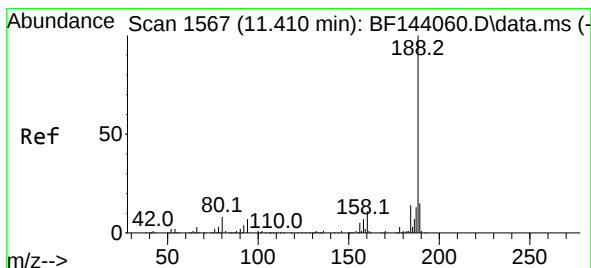
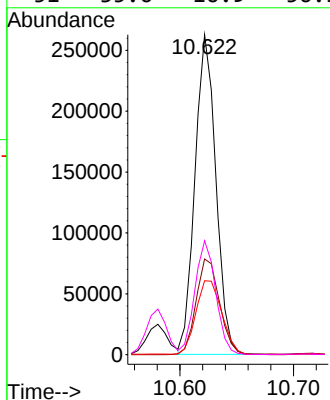
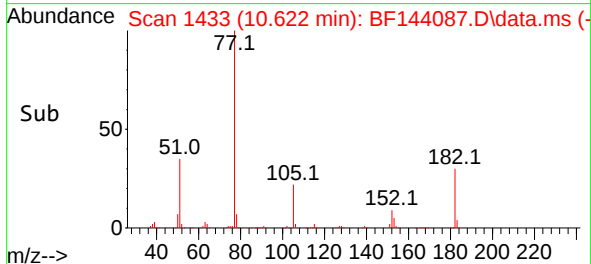
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion: 77 Resp: 335900
Ion Ratio Lower Upper
77 100
182 29.9 9.0 49.0
105 23.1 1.4 41.4
51 35.6 16.9 56.9

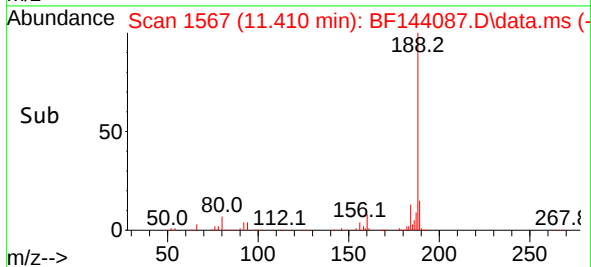
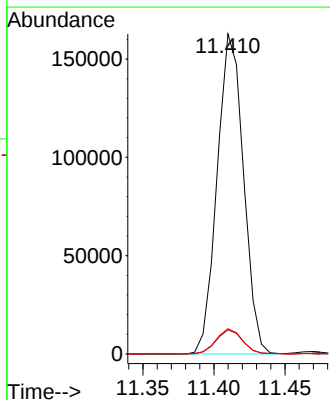
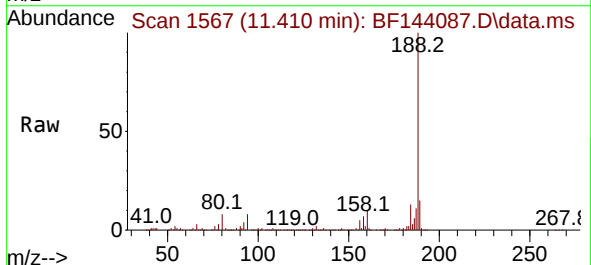
Manual Integrations
APPROVED

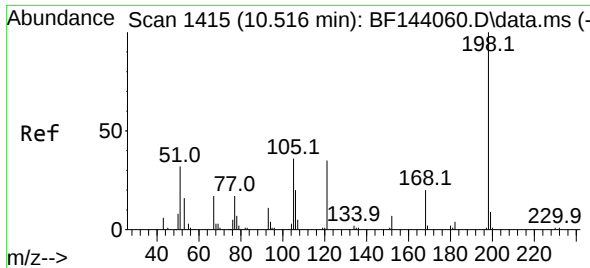
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Tgt Ion:188 Resp: 209682
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.0
80 7.9 6.0 9.0





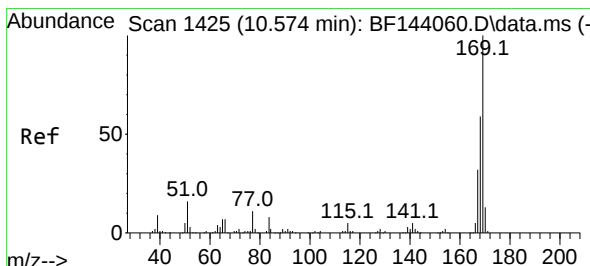
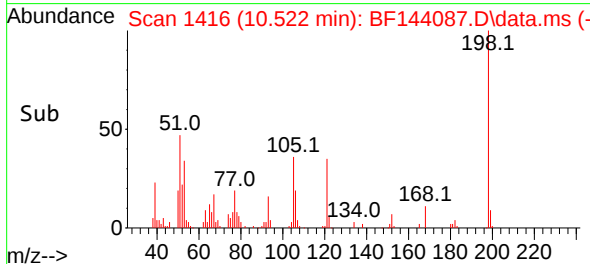
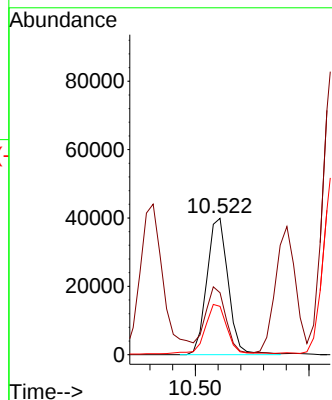
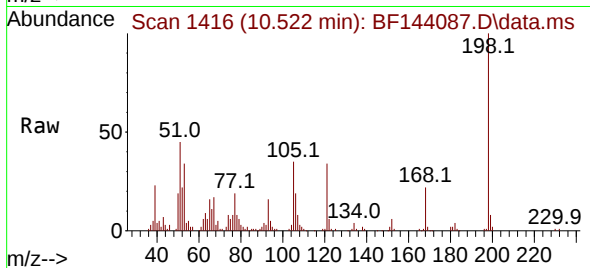
#65
4,6-Dinitro-2-methylphenol
Concen: 38.724 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS

Tgt Ion:198 Resp: 5209
Ion Ratio Lower Upper
198 100
51 45.4 25.8 65.8
105 35.4 17.2 57.2

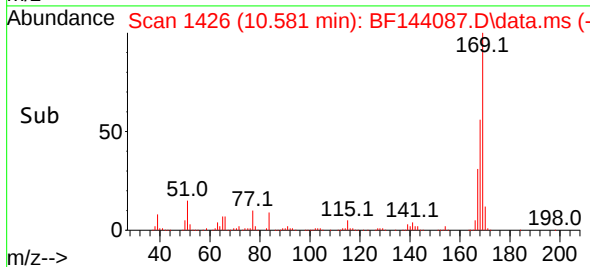
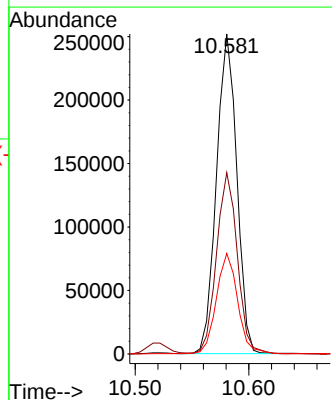
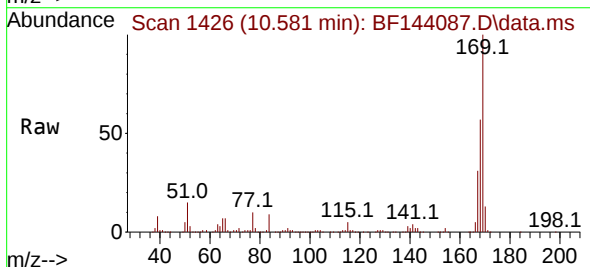
Manual Integrations
APPROVED

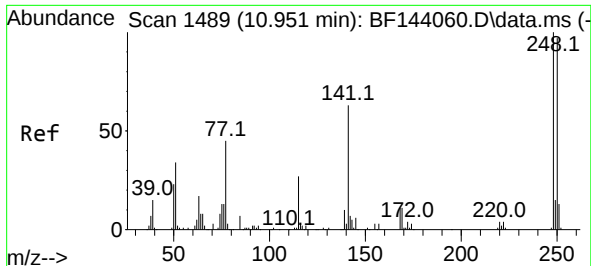
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#66
n-Nitrosodiphenylamine
Concen: 46.811 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

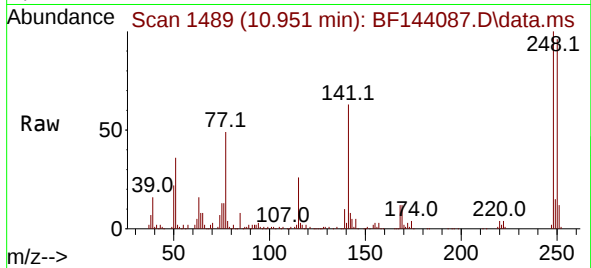
Tgt Ion:169 Resp: 313609
Ion Ratio Lower Upper
169 100
168 56.6 47.4 71.2
167 31.4 25.5 38.3





#67
4-Bromophenyl-phenylether
Concen: 44.931 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

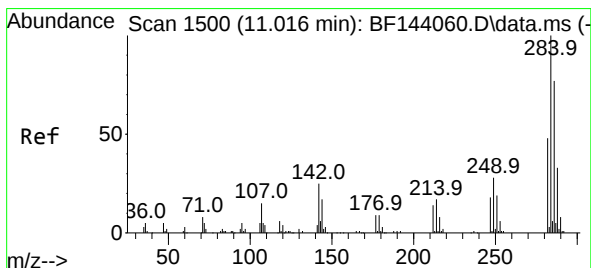
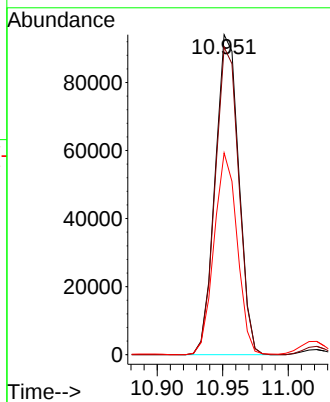
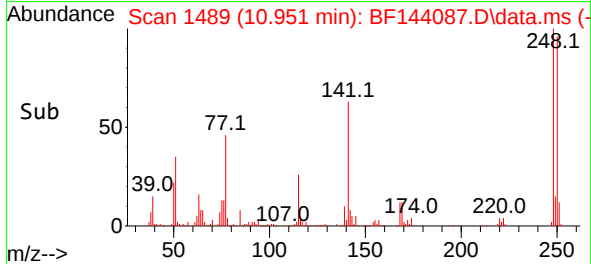
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



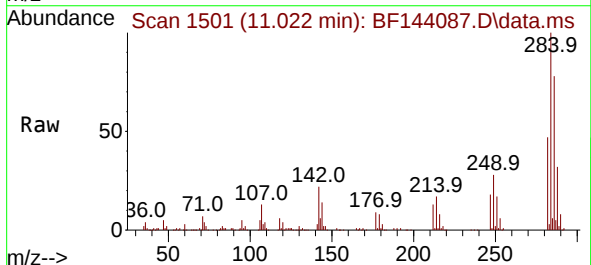
Tgt Ion:248 Resp: 117958
Ion Ratio Lower Upper
248 100
250 96.1 77.8 116.6
141 63.1 50.5 75.7

Manual Integrations
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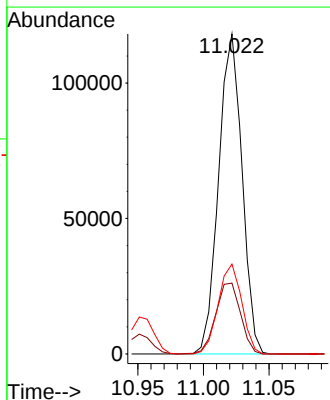
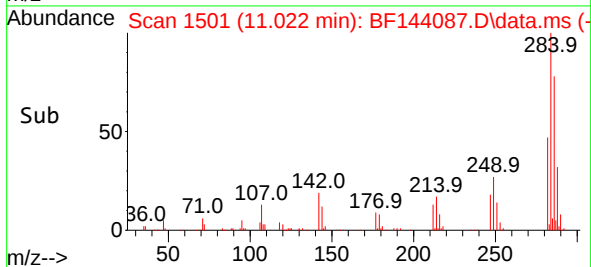
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

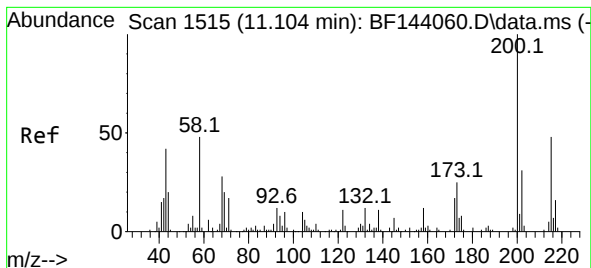


#68
Hexachlorobenzene
Concen: 45.482 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



Tgt Ion:284 Resp: 146442
Ion Ratio Lower Upper
284 100
142 22.2 20.0 30.0
249 28.1 22.2 33.2





#69

Atrazine

Concen: 49.959 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF144087.D

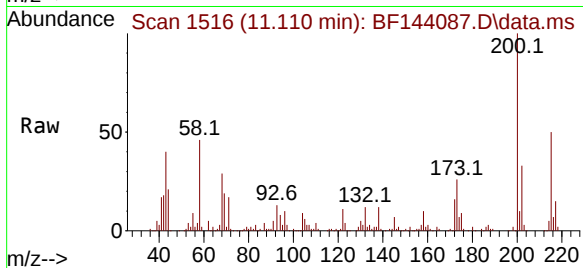
Acq: 27 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MS



Tgt Ion:200 Resp: 109830

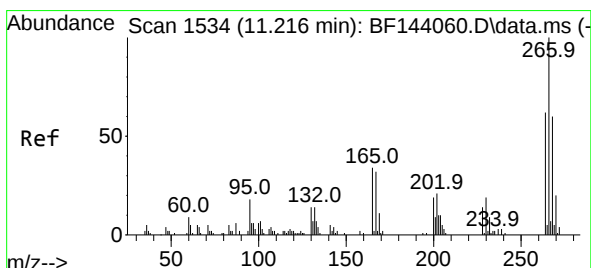
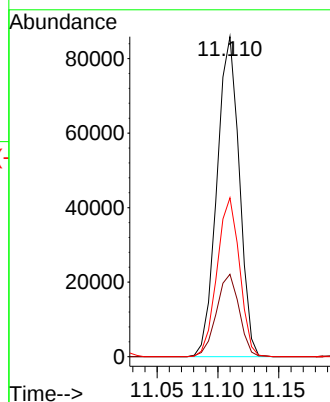
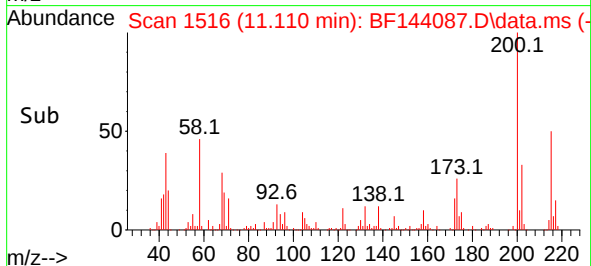
Ion	Ratio	Lower	Upper
200	100		
173	25.8	4.9	44.9
215	49.6	28.2	68.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#70

Pentachlorophenol

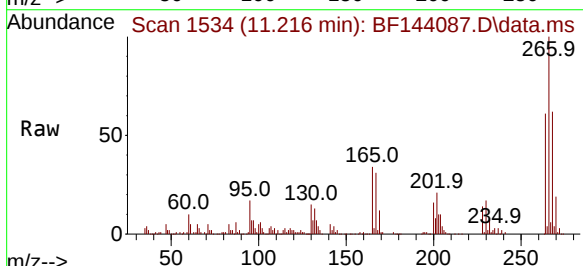
Concen: 96.502 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

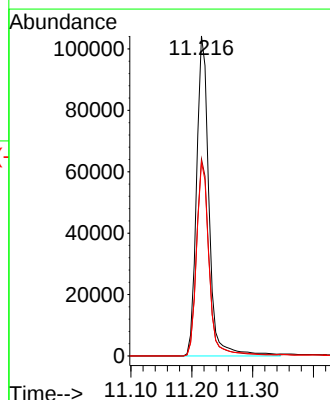
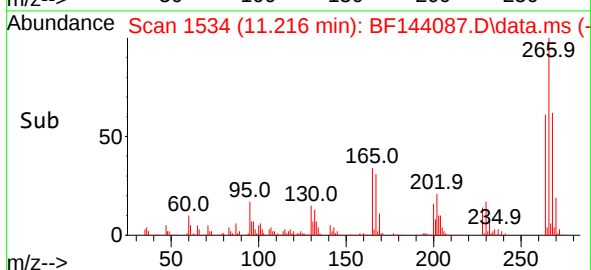
Lab File: BF144087.D

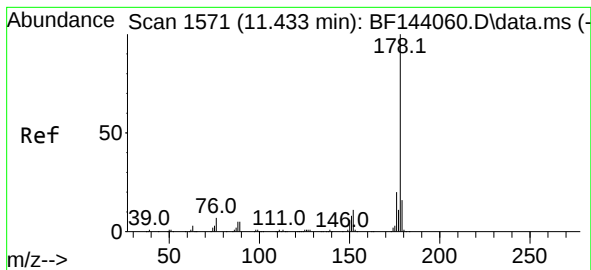
Acq: 27 Oct 2025 17:03



Tgt Ion:266 Resp: 147900

Ion	Ratio	Lower	Upper
266	100		
268	61.5	48.2	72.4
264	60.5	49.4	74.0





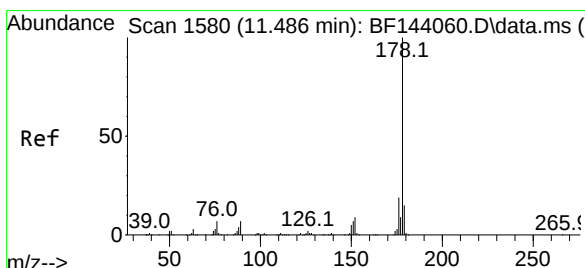
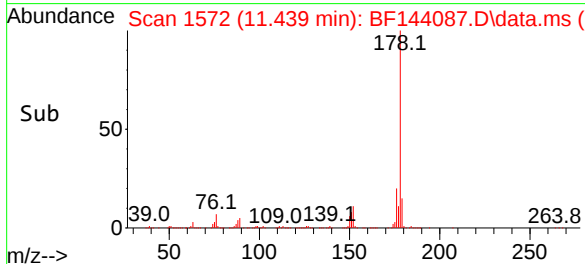
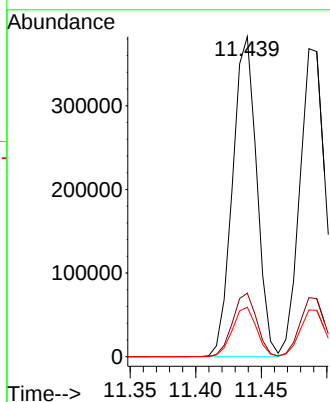
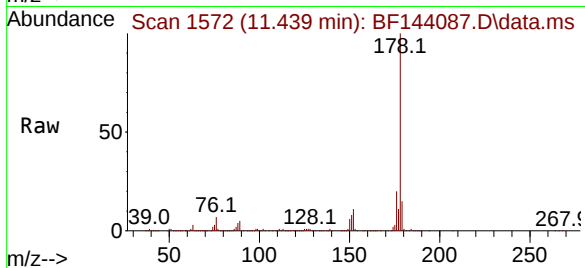
#71
Phenanthrene
Concen: 47.083 ng
RT: 11.439 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS

Tgt Ion:178 Resp: 490419
Ion Ratio Lower Upper
178 100
176 19.8 16.3 24.5
179 15.4 12.6 18.8

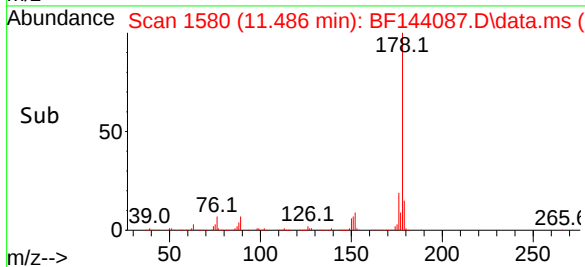
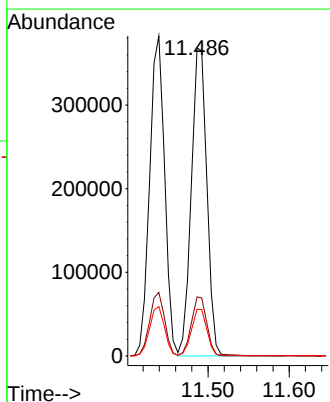
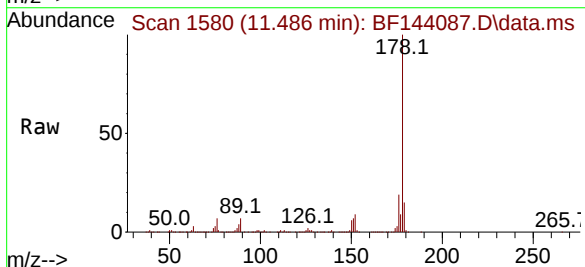
Manual Integrations
APPROVED

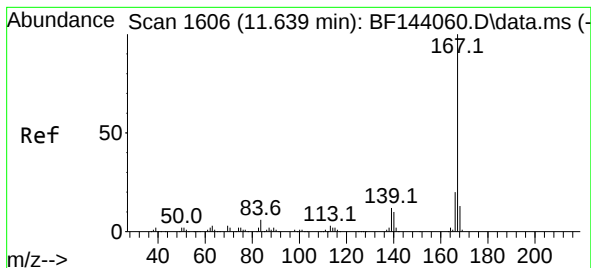
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#72
Anthracene
Concen: 45.626 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Tgt Ion:178 Resp: 490941
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.2 11.8 17.6





#73

Carbazole

Concen: 46.137 ng

RT: 11.645 min Scan# 1607

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MS

Tgt Ion:167 Resp: 422550

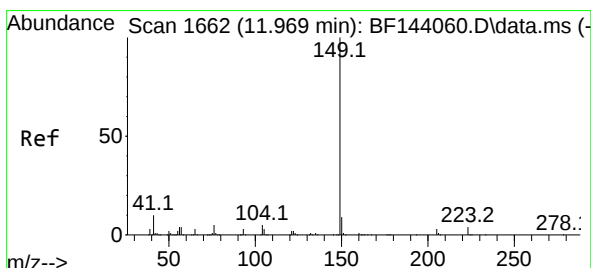
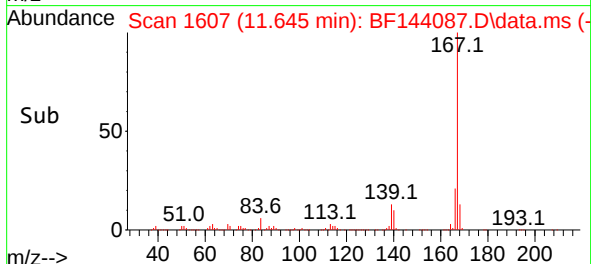
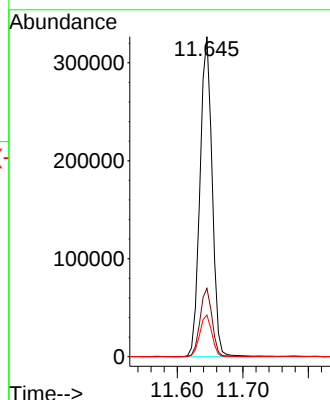
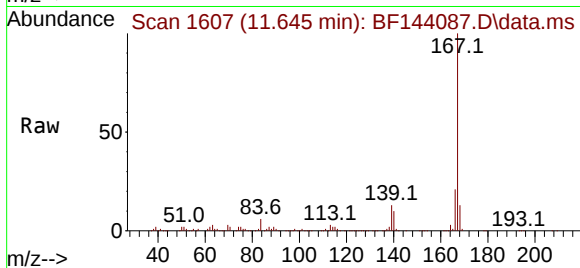
Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.1	24.1
139	13.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#74

Di-n-butylphthalate

Concen: 48.216 ng

RT: 11.969 min Scan# 1662

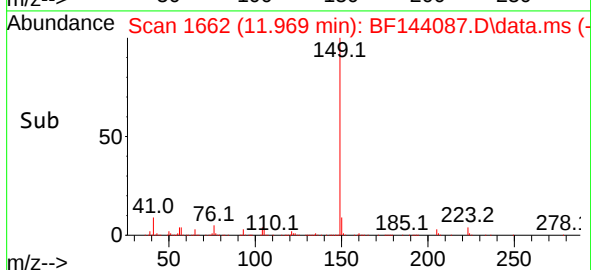
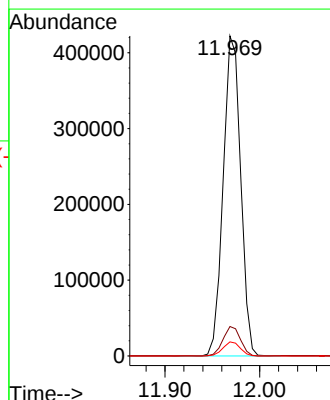
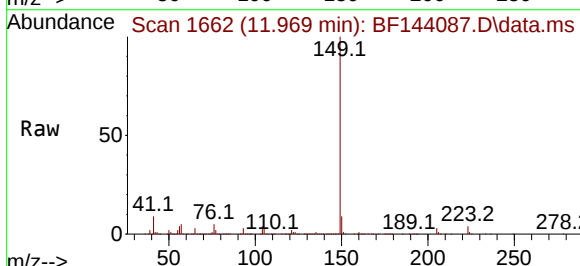
Delta R.T. 0.000 min

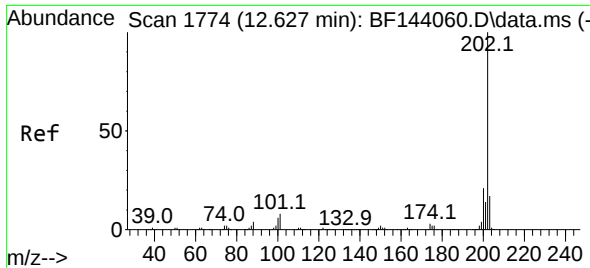
Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Tgt Ion:149 Resp: 541405

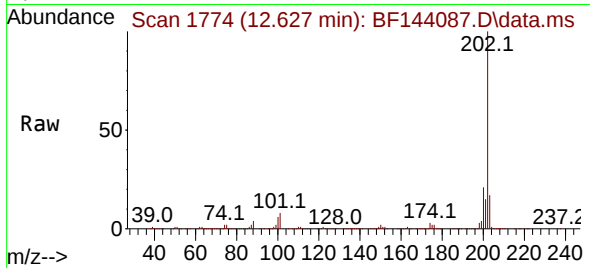
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.4	3.6	5.4





#75
Fluoranthene
Concen: 44.526 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

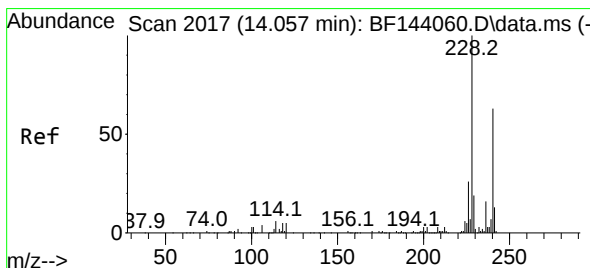
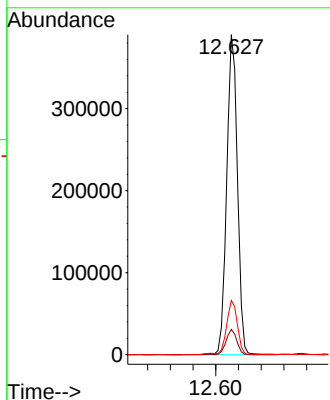
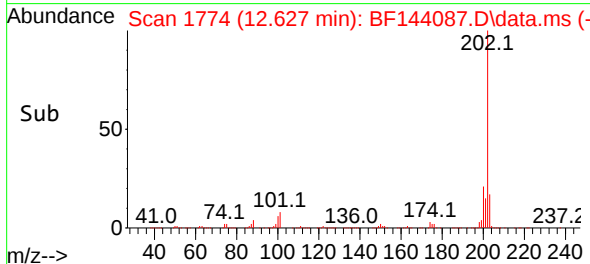
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:202 Resp: 51239
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.7
203 16.9 0.0 37.3

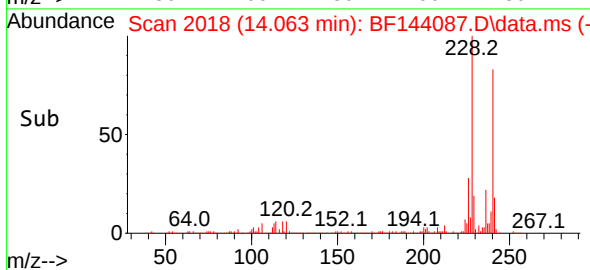
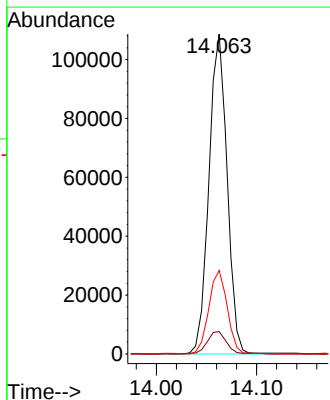
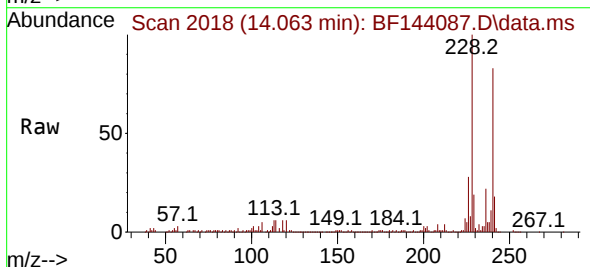
Manual Integrations
APPROVED

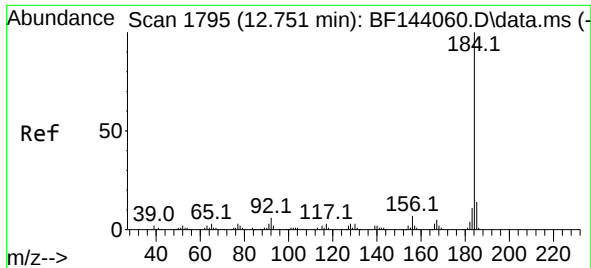
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

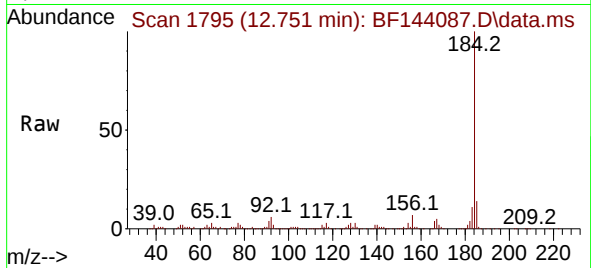
Tgt Ion:240 Resp: 136983
Ion Ratio Lower Upper
240 100
120 7.0 6.5 9.7
236 26.1 20.1 30.1





#77
Benzidine
Concen: 76.682 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

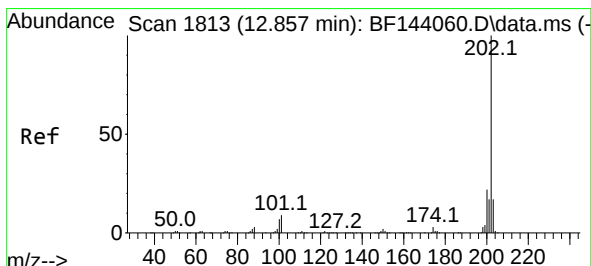
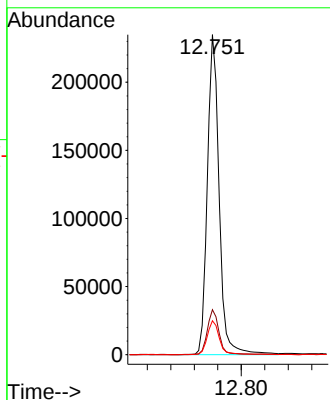
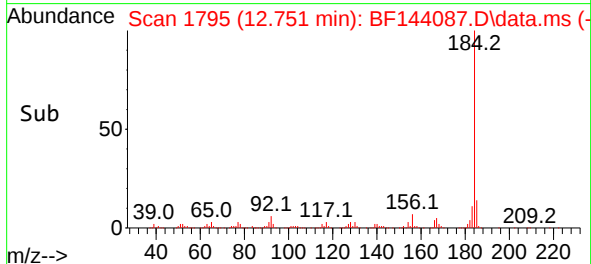
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:184 Resp: 326909
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.6 8.5 12.7

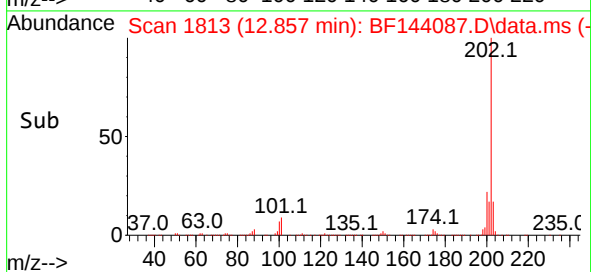
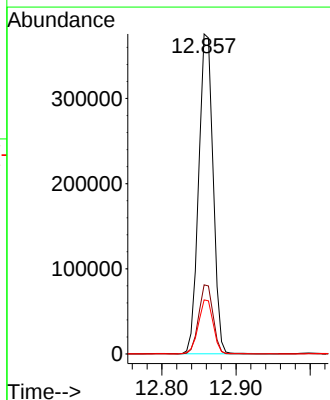
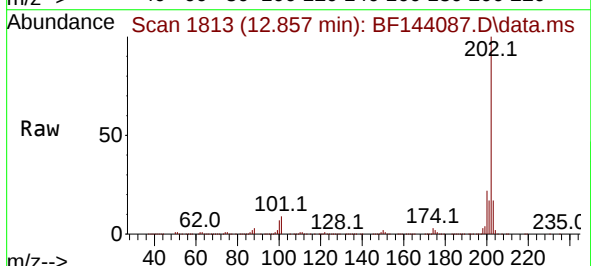
Manual Integrations
APPROVED

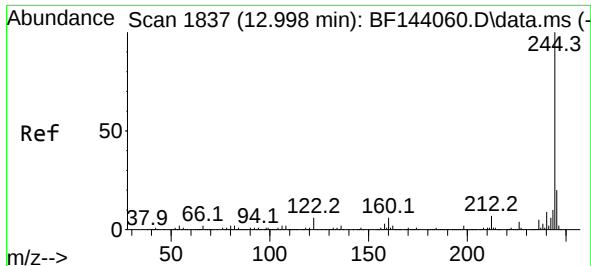
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#78
Pyrene
Concen: 51.458 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

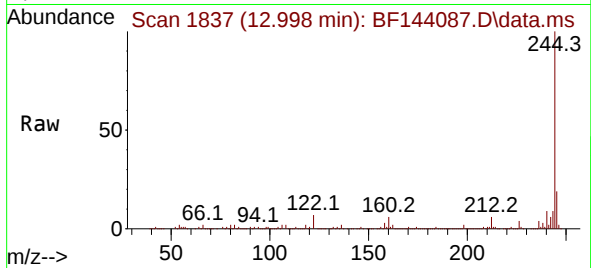
Tgt Ion:202 Resp: 506765
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 16.9 13.5 20.3





#79
 Terphenyl-d14
 Concen: 51.851 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF144087.D
 Acq: 27 Oct 2025 17:03

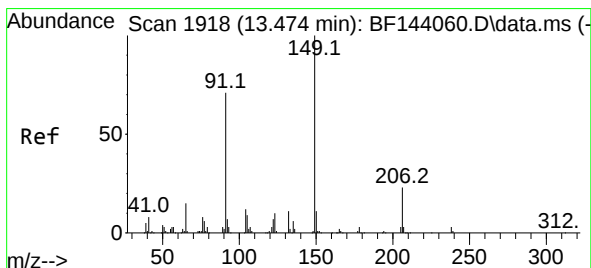
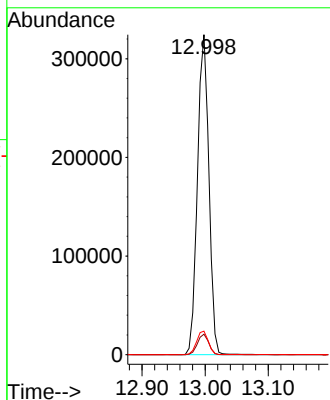
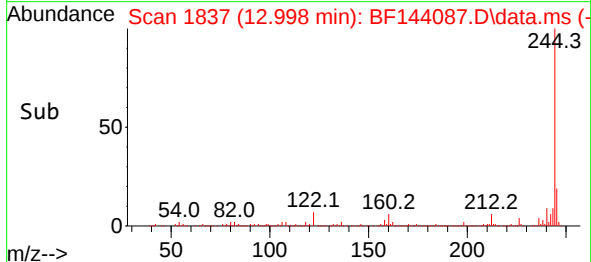
Instrument :
 BNA_F
 ClientSampleId :
 PR132-S07-000102-22510170MS



Tgt Ion:244 Resp: 406280
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 7.4 4.9 7.3

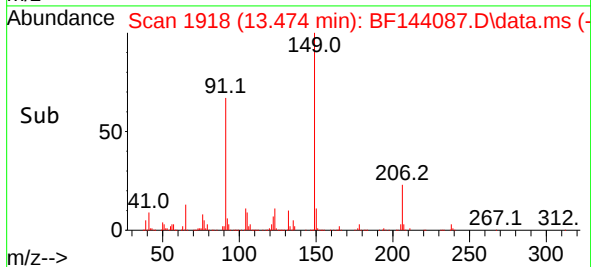
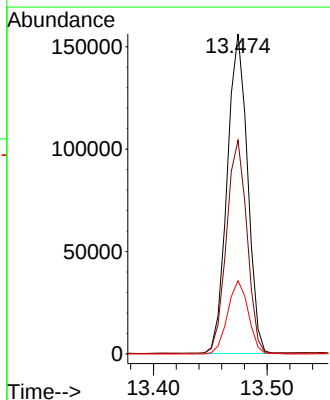
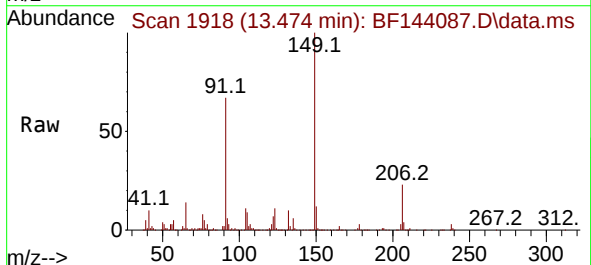
Manual Integrations
 APPROVED

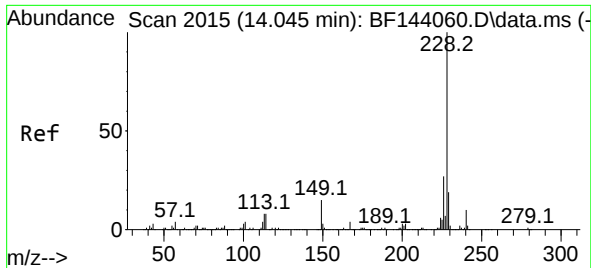
Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :mohammad ahmed 10/30/2025



#80
 Butylbenzylphthalate
 Concen: 52.127 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF144087.D
 Acq: 27 Oct 2025 17:03

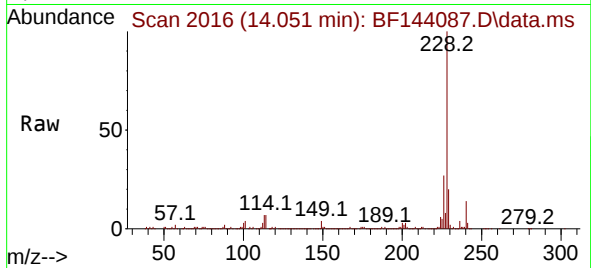
Tgt Ion:149 Resp: 194211
 Ion Ratio Lower Upper
 149 100
 91 66.8 56.6 84.8
 206 22.9 18.3 27.5





#81
Benzo(a)anthracene
Concen: 50.339 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

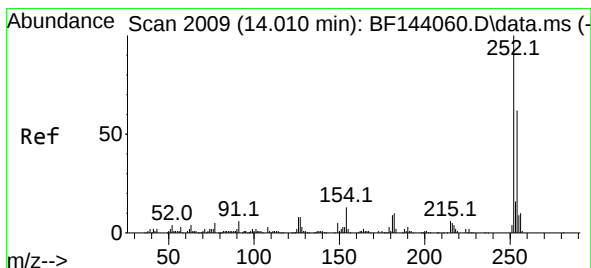
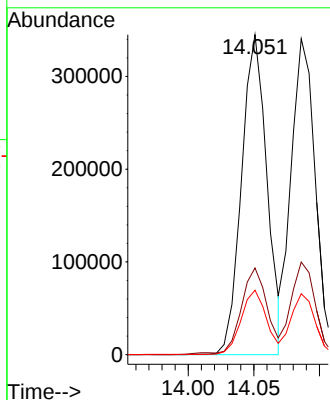
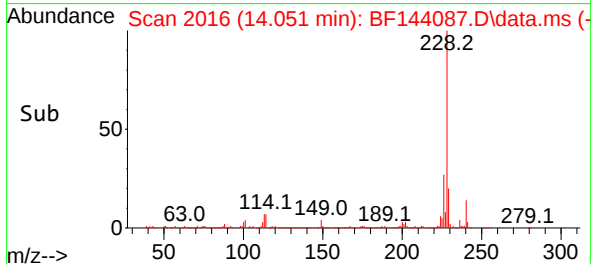
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



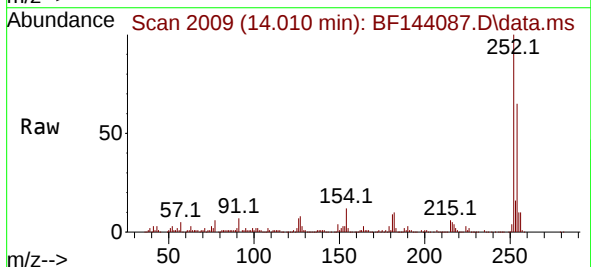
Tgt Ion:228 Resp: 466010
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 20.1 15.3 22.9

Manual Integrations
APPROVED

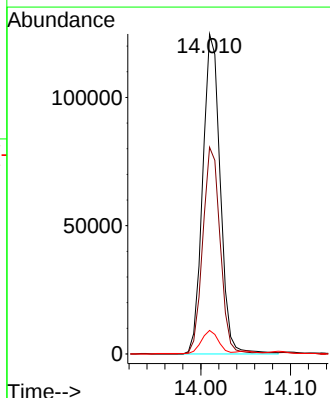
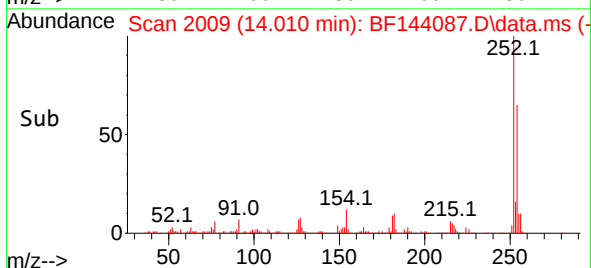
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

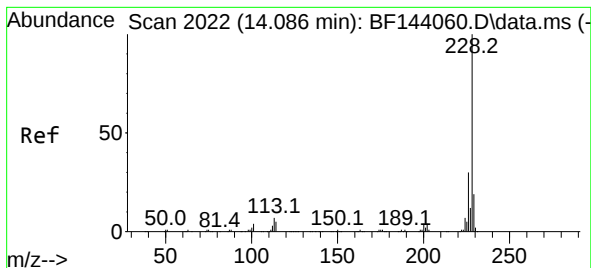


#82
3,3'-Dichlorobenzidine
Concen: 52.427 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03



Tgt Ion:252 Resp: 168947
Ion Ratio Lower Upper
252 100
254 64.6 49.9 74.9
126 7.3 6.5 9.7





#83

Chrysene

Concen: 49.535 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MS

Tgt Ion:228 Resp: 430315

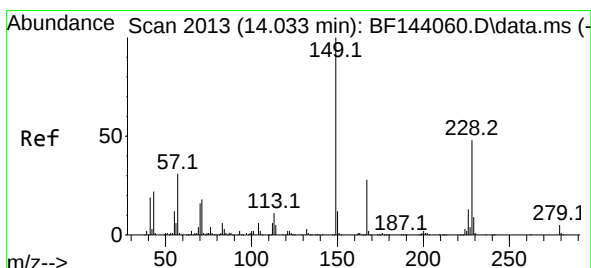
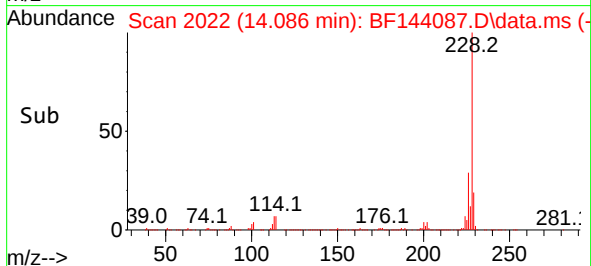
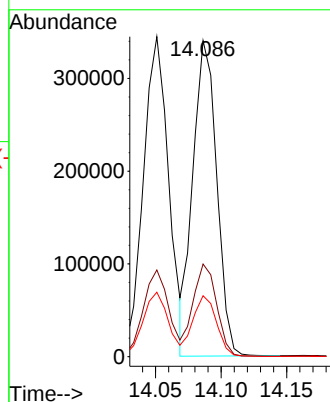
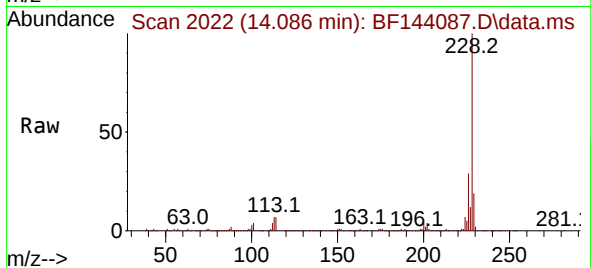
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	19.3	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.395 ng

RT: 14.033 min Scan# 2013

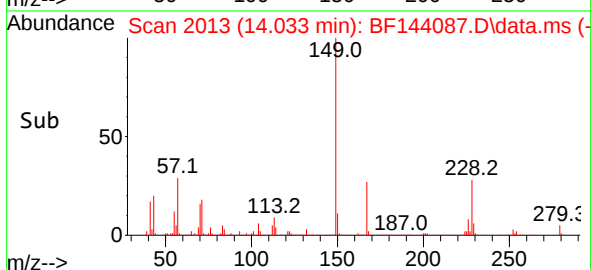
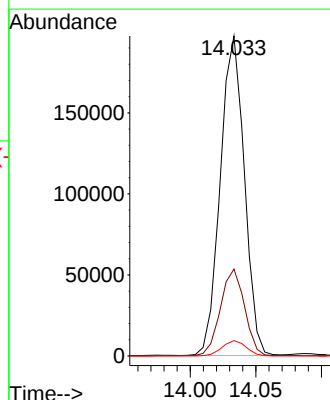
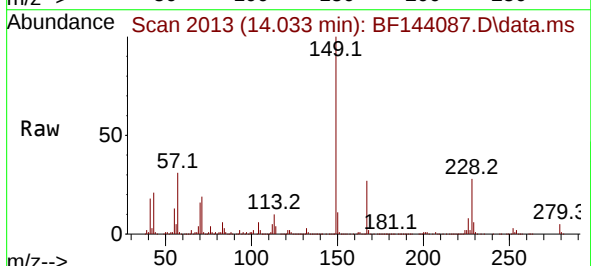
Delta R.T. 0.000 min

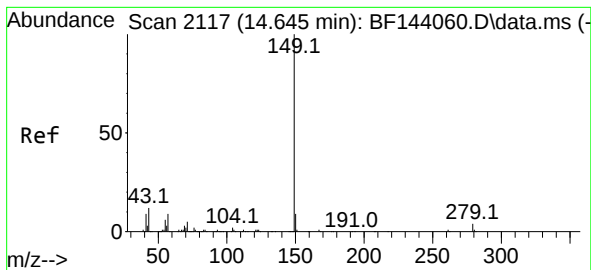
Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Tgt Ion:149 Resp: 251234

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.5	33.7
279	4.8	3.6	5.4





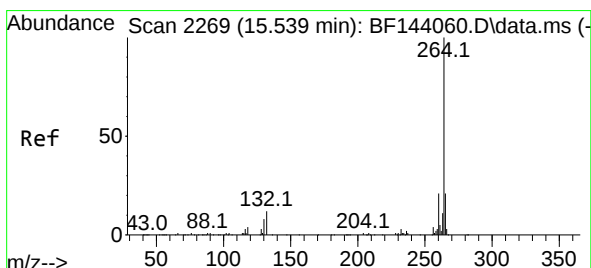
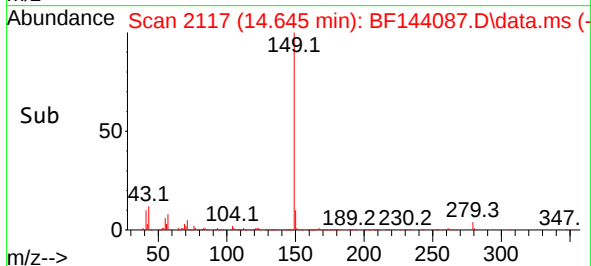
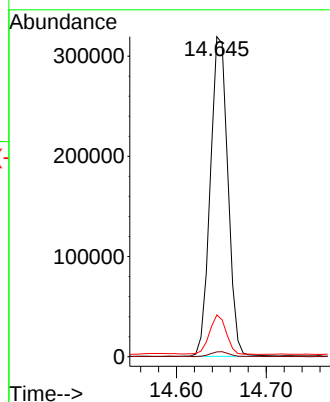
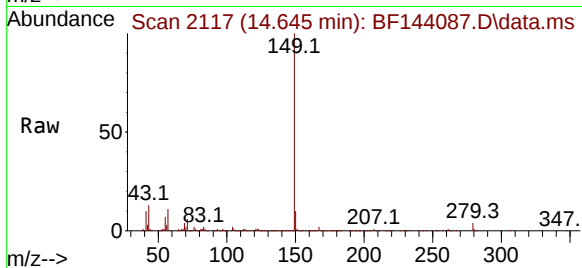
#85
Di-n-octyl phthalate
Concen: 49.634 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS

Tgt Ion:149 Resp: 434149
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.8 9.3 13.9

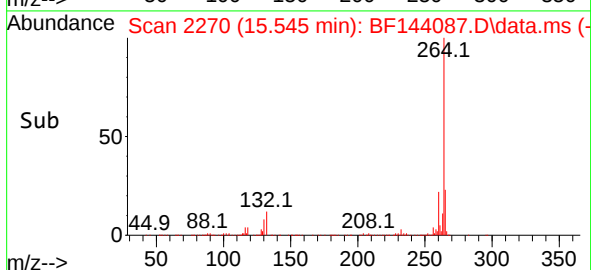
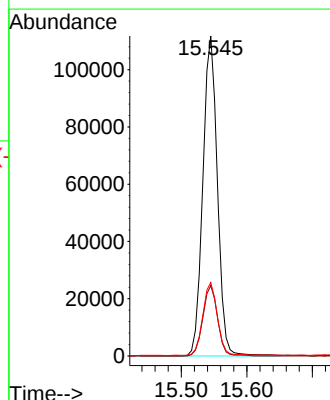
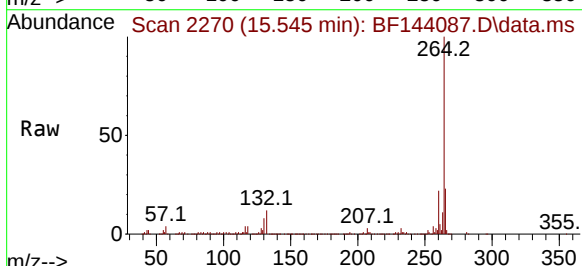
Manual Integrations
APPROVED

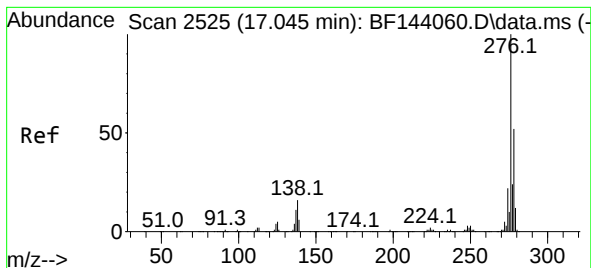
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Tgt Ion:264 Resp: 173026
Ion Ratio Lower Upper
264 100
260 22.0 17.0 25.4
265 23.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.545 ng

RT: 17.051 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MS

Tgt Ion:276 Resp: 469760

Ion Ratio Lower Upper

276 100

138 17.1 13.0 19.6

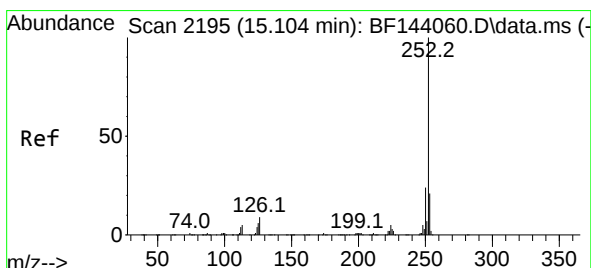
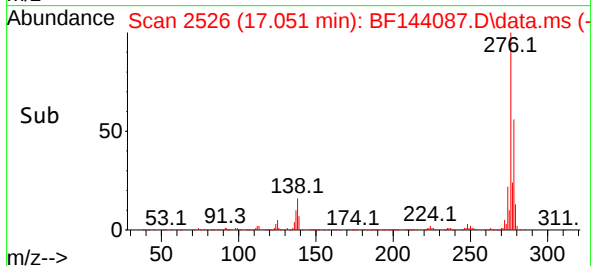
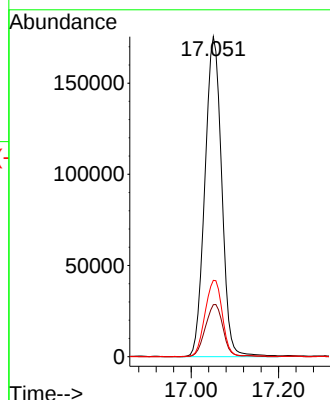
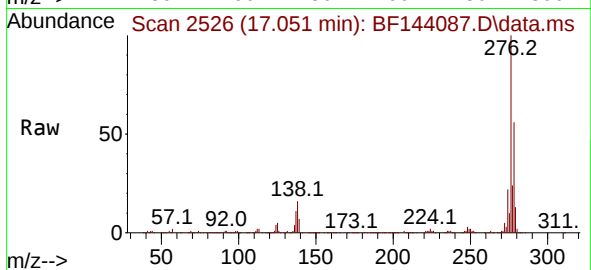
277 24.7 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#88

Benzo(b)fluoranthene

Concen: 47.329 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

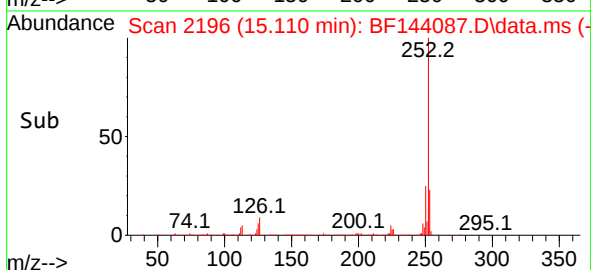
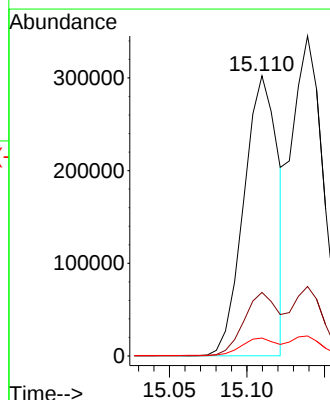
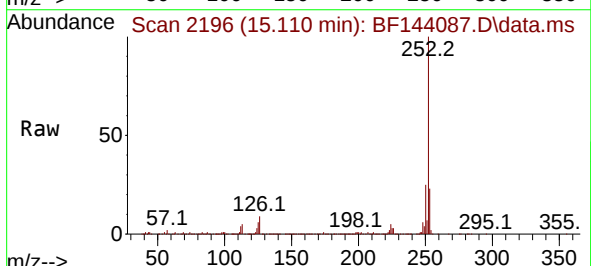
Tgt Ion:252 Resp: 462962

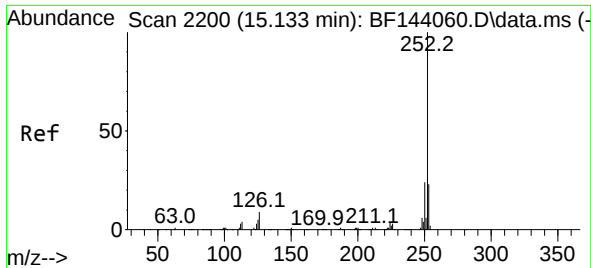
Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

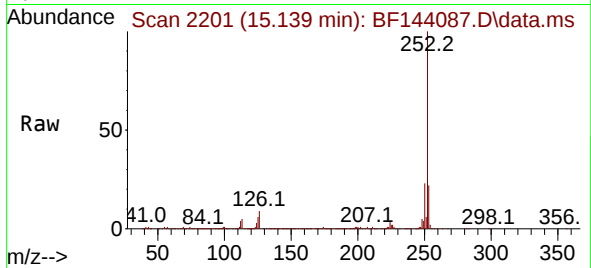
125 6.4 5.0 7.6





#89
Benzo(k)fluoranthene
Concen: 53.269 ng
RT: 15.139 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

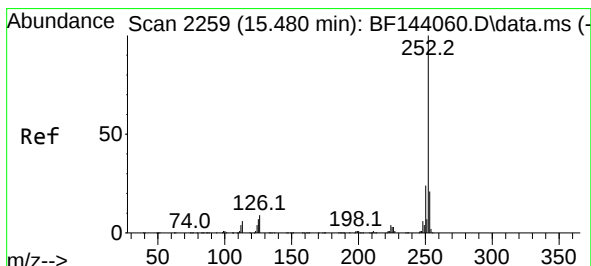
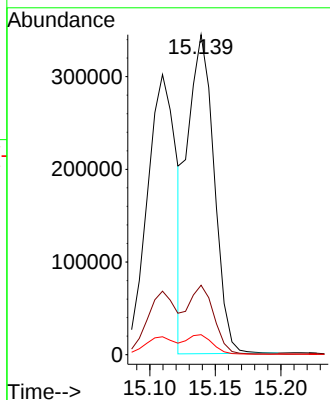
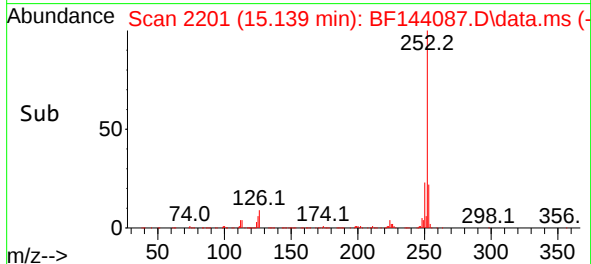
Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS



Tgt Ion:252 Resp: 48074
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 6.3 4.9 7.3

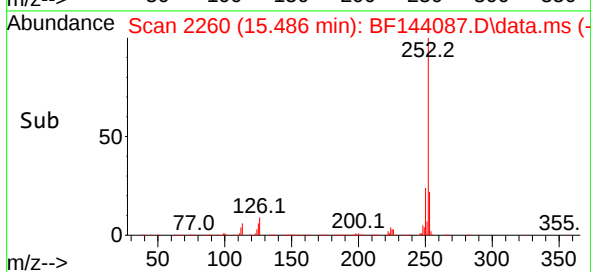
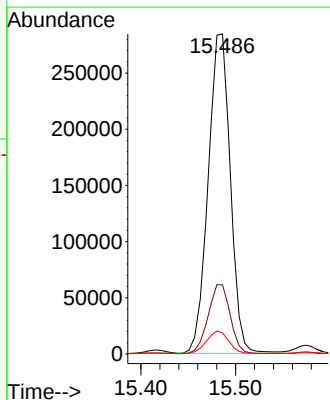
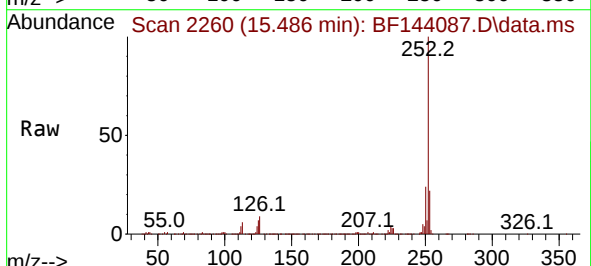
Manual Integrations
APPROVED

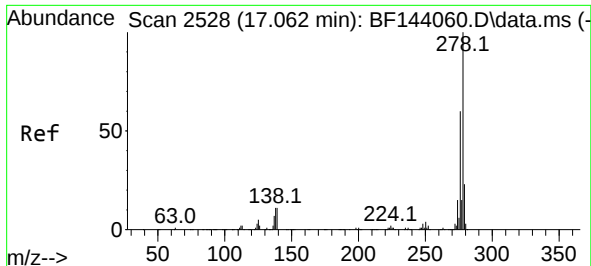
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025



#90
Benzo(a)pyrene
Concen: 52.755 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF144087.D
Acq: 27 Oct 2025 17:03

Tgt Ion:252 Resp: 462948
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 6.6 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 40.799 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

PR132-S07-000102-22510170MS

Tgt Ion:278 Resp: 38364

Ion Ratio Lower Upper

278 100

139 11.2 8.5 12.7

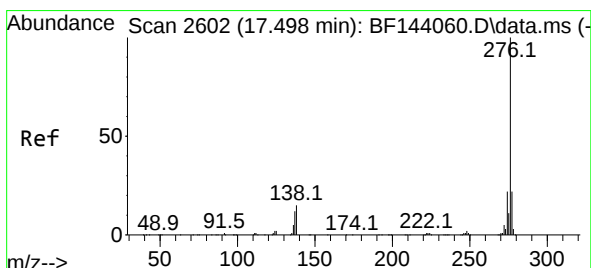
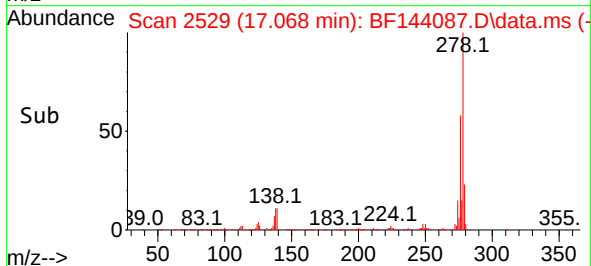
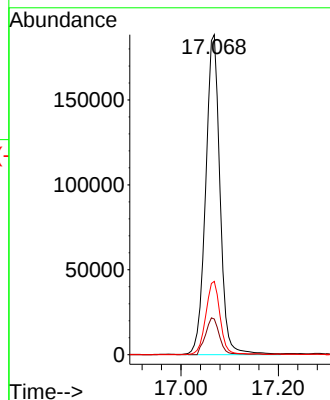
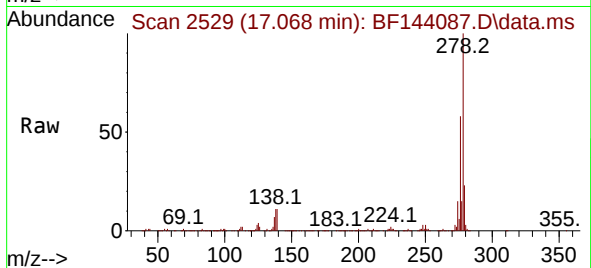
279 22.9 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :mohammad ahmed 10/30/2025



#92

Benzo(g,h,i)perylene

Concen: 36.791 ng

RT: 17.504 min Scan# 2603

Delta R.T. 0.006 min

Lab File: BF144087.D

Acq: 27 Oct 2025 17:03

Tgt Ion:276 Resp: 347818

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 14.4 12.0 18.0

