

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142545.D
 Acq On : 23 May 2025 19:56
 Operator : RC/JU
 Sample : Q2109-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-02-MHFMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

Quant Time: May 23 22:54:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	121008	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	428287	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	188037	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	266608	20.000	ng	0.00
76) Chrysene-d12	14.074	240	235229	20.000	ng	0.00
86) Perylene-d12	15.568	264	195239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	665876	92.708	ng	0.00
7) Phenol-d6	6.528	99	812591	93.984	ng	0.00
23) Nitrobenzene-d5	7.463	82	476891	60.717	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	175592	84.137	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	915009	65.296	ng	-0.01
79) Terphenyl-d14	13.010	244	734237	42.655	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	101747	35.401	ng	99
3) Pyridine	3.493	79	277066	37.855	ng	99
4) n-Nitrosodimethylamine	3.446	42	156759	41.250	ng	97
6) Aniline	6.563	93	335872	28.891	ng	99
8) 2-Chlorophenol	6.681	128	317167	40.541	ng	99
9) Benzaldehyde	6.445	77	190810	36.692	ng	98
10) Phenol	6.539	94	386957	39.775	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	287125	41.000	ng	99
12) 1,3-Dichlorobenzene	6.839	146	343486	39.347	ng	99
13) 1,4-Dichlorobenzene	6.916	146	344647	39.193	ng	99
14) 1,2-Dichlorobenzene	7.069	146	331159	39.357	ng	99
15) Benzyl Alcohol	7.039	79	255779	40.032	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	463601	39.420	ng	97
17) 2-Methylphenol	7.151	107	241212	39.491	ng	99
18) Hexachloroethane	7.410	117	118111	38.466	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	209432	39.085	ng	99
20) 3+4-Methylphenols	7.304	107	301270	38.517	ng	95
22) Acetophenone	7.310	105	402436	42.447	ng	99
24) Nitrobenzene	7.481	77	304215	42.945	ng	98
25) Isophorone	7.722	82	545975	41.576	ng	98
26) 2-Nitrophenol	7.798	139	168593	44.540	ng	97
27) 2,4-Dimethylphenol	7.833	122	285535	42.776	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	345861	42.162	ng	100
29) 2,4-Dichlorophenol	8.039	162	249812	41.151	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	275235	41.777	ng	97
31) Naphthalene	8.204	128	932291	44.208	ng	100
32) Benzoic acid	7.945	122	178065	43.822	ng	97
33) 4-Chloroaniline	8.251	127	85846	10.046	ng	99
34) Hexachlorobutadiene	8.322	225	170111	41.353	ng	99
35) Caprolactam	8.622	113	76090	44.629	ng	98
36) 4-Chloro-3-methylphenol	8.733	107	236580	38.027	ng	97
37) 2-Methylnaphthalene	8.892	142	540342	40.727	ng	100
38) 1-Methylnaphthalene	8.992	142	570321	41.558	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	257697	47.742	ng	99
41) Hexachlorocyclopentadiene	9.051	237	247856	68.069	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	168084	46.180	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	164751	42.919	ng	99
46) 1,1'-Biphenyl	9.357	154	689106	47.237	ng	99
47) 2-Chloronaphthalene	9.386	162	489047	45.373	ng	98
48) 2-Nitroaniline	9.480	65	139985	44.933	ng	96
49) Acenaphthylene	9.804	152	801325	44.029	ng	100
50) Dimethylphthalate	9.657	163	586168	47.244	ng	100
51) 2,6-Dinitrotoluene	9.722	165	119197	44.512	ng	97
52) Acenaphthene	9.975	154	525483	47.284	ng	99
53) 3-Nitroaniline	9.886	138	78388	26.800	ng	100
54) 2,4-Dinitrophenol	9.992	184	92078	66.554	ng	89
55) Dibenzofuran	10.145	168	699345	43.730	ng	99
56) 4-Nitrophenol	10.045	139	175867	81.490	ng	98
57) 2,4-Dinitrotoluene	10.122	165	149828	42.842	ng	98
58) Fluorene	10.486	166	561028	45.409	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	123684m	38.596	ng	
60) Diethylphthalate	10.357	149	530518	43.781	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	243745	40.161	ng	97
62) 4-Nitroaniline	10.498	138	102642	38.693	ng	98
63) Azobenzene	10.639	77	471476	43.319	ng	96
65) 4,6-Dinitro-2-methylph...	10.527	198	58943	39.616	ng	96
66) n-Nitrosodiphenylamine	10.598	169	419390	45.980	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	139182	44.150	ng	99
68) Hexachlorobenzene	11.033	284	145556	41.746	ng	98
69) Atrazine	11.121	200	126115	52.063	ng	100
70) Pentachlorophenol	11.227	266	176299	89.559	ng	99
71) Phenanthrene	11.451	178	896834	62.944	ng	100
72) Anthracene	11.504	178	687330	47.268	ng	99
73) Carbazole	11.657	167	604211	48.604	ng	100
74) Di-n-butylphthalate	11.986	149	670523	49.277	ng	100
75) Fluoranthene	12.645	202	961217	72.199	ng	99
77) Benzidine	12.763	184	335658	38.345	ng	100
78) Pyrene	12.874	202	965034	43.978	ng	99
80) Butylbenzylphthalate	13.486	149	301694	49.757	ng	99
81) Benzo(a)anthracene	14.062	228	814334	51.844	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	131357	27.572	ng	100
83) Chrysene	14.098	228	714989	50.658	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	423721	54.589	ng	98
85) Di-n-octyl phthalate	14.662	149	735008	48.429	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	502492	34.283	ng	99
88) Benzo(b)fluoranthene	15.127	252	727300	62.942	ng	97
89) Benzo(k)fluoranthene	15.157	252	505899	46.744	ng	96
90) Benzo(a)pyrene	15.504	252	568945	52.236	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	391842	32.962	ng	99
92) Benzo(g,h,i)perylene	17.533	276	397853	33.460	ng	98

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

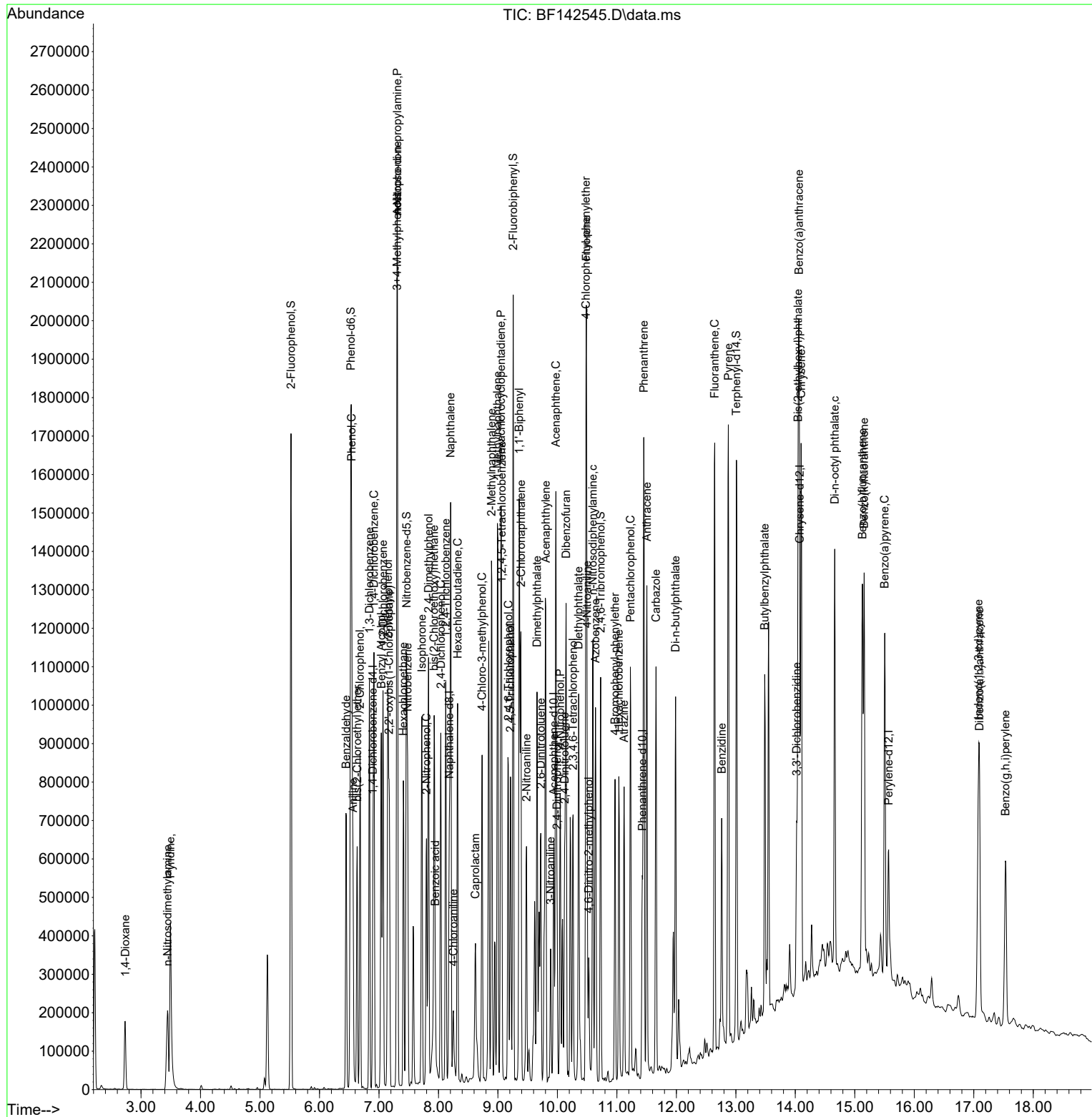
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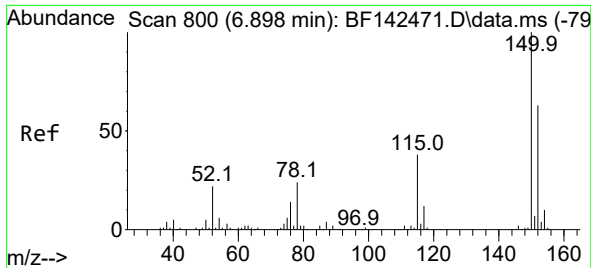
Instrument :
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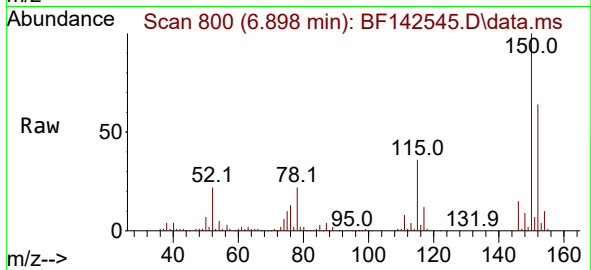
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

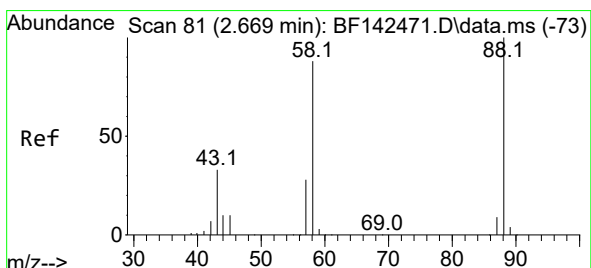
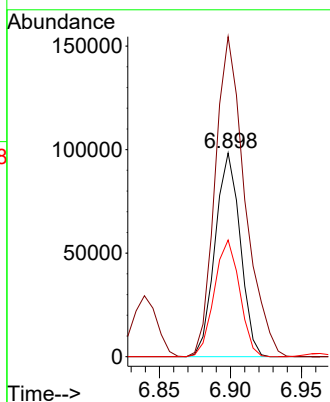
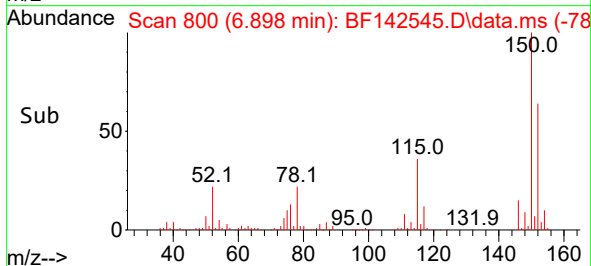
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 121008
Ion Ratio Lower Upper
152 100
150 157.1 128.2 192.4
115 57.3 48.3 72.5

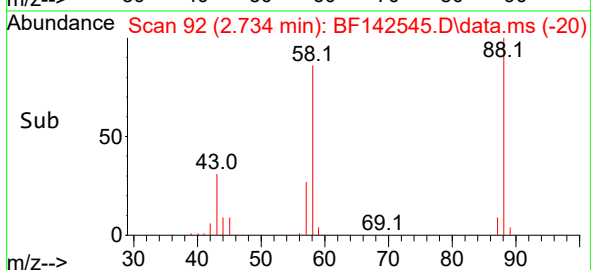
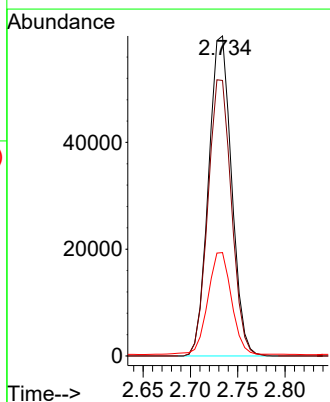
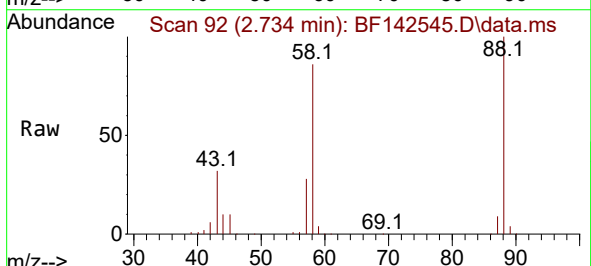
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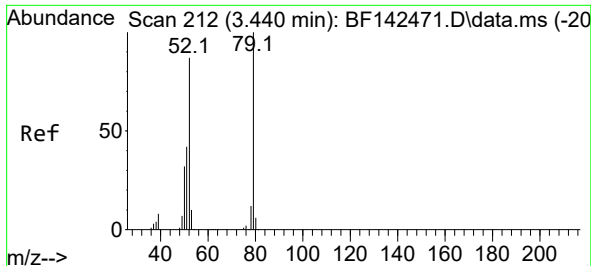
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#2
1,4-Dioxane
Concen: 35.401 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.071 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion: 88 Resp: 101747
Ion Ratio Lower Upper
88 100
58 87.8 70.8 106.2
43 33.0 26.6 40.0





#3

Pyridine

Concen: 37.855 ng

RT: 3.493 min Scan# 212

Delta R.T. 0.053 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

Tgt Ion: 79 Resp: 277060

Ion Ratio Lower Upper

79 100

52 85.5 69.2 103.8

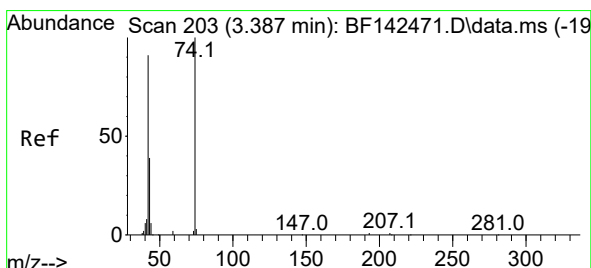
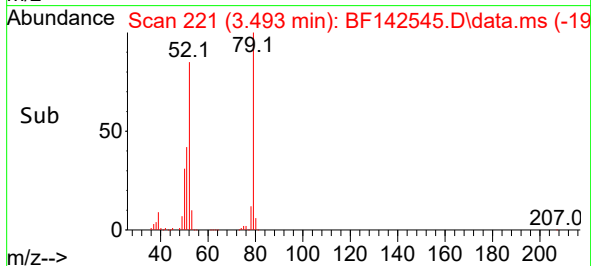
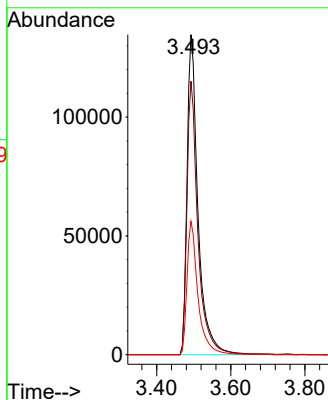
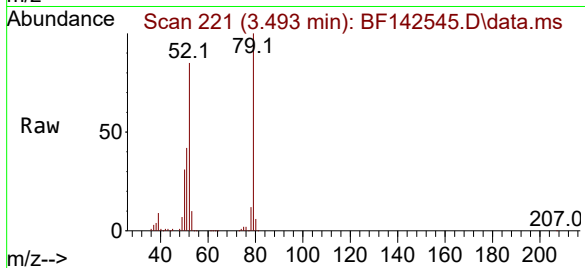
51 41.6 33.3 49.9

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 41.250 ng

RT: 3.446 min Scan# 213

Delta R.T. 0.041 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

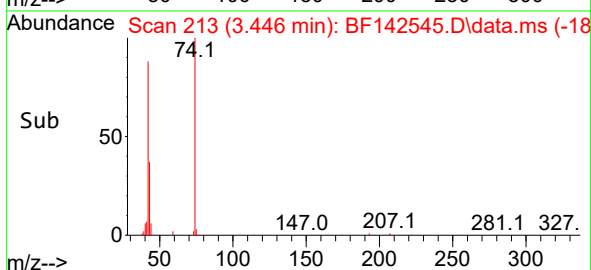
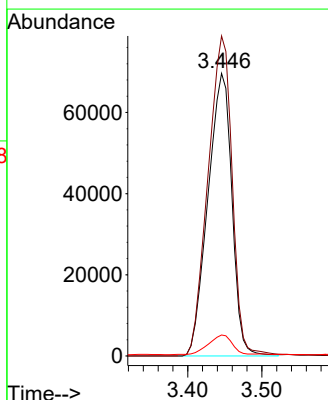
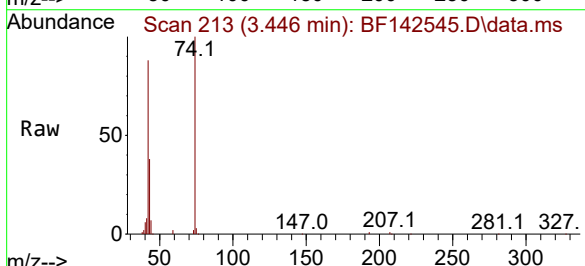
Tgt Ion: 42 Resp: 156759

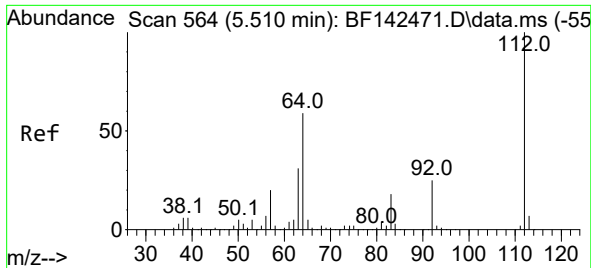
Ion Ratio Lower Upper

42 100

74 113.2 88.2 132.4

44 7.4 5.4 8.2





#5
2-Fluorophenol
Concen: 92.708 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

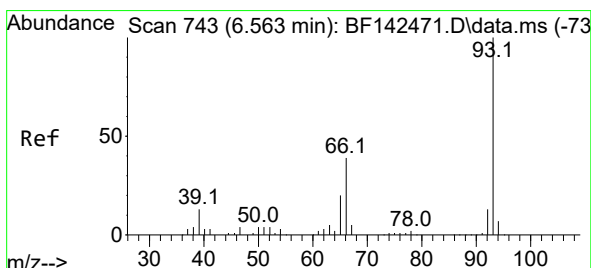
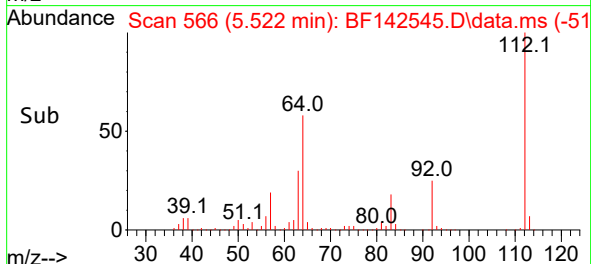
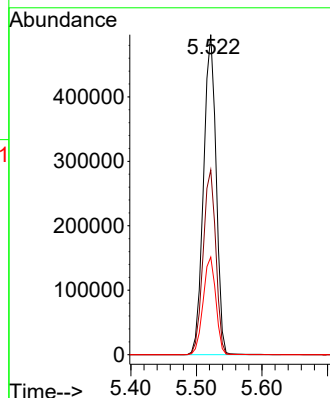
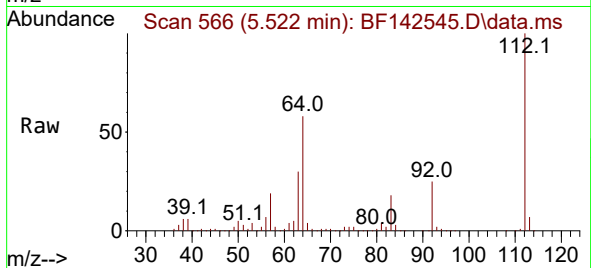
TP-02-MHFMS

Tgt Ion:112 Resp: 665870
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 30.5 24.9 37.3

Manual Integrations

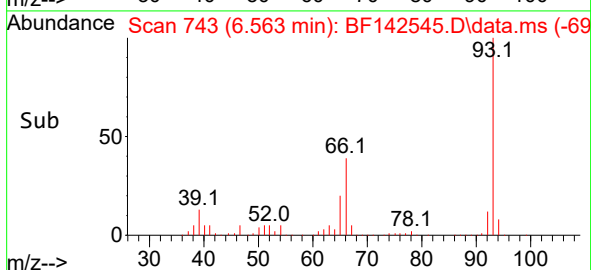
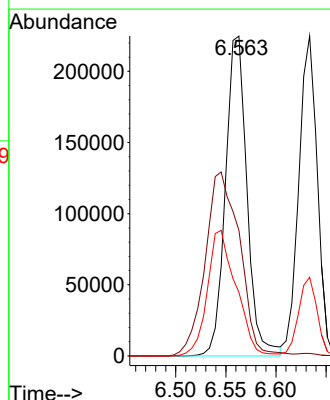
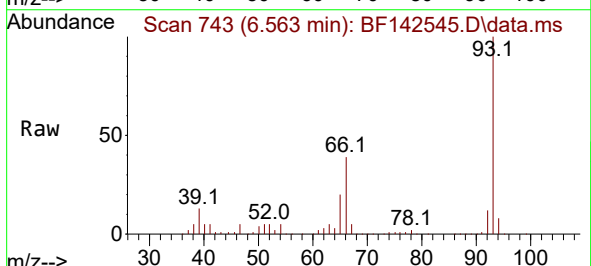
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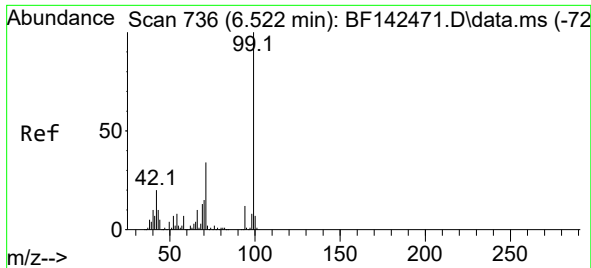
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#6
Aniline
Concen: 28.891 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

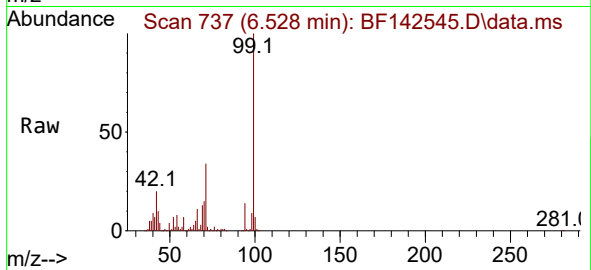
Tgt Ion: 93 Resp: 335872
Ion Ratio Lower Upper
93 100
66 39.3 32.0 48.0
65 19.9 16.1 24.1





#7
Phenol-d6
Concen: 93.984 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

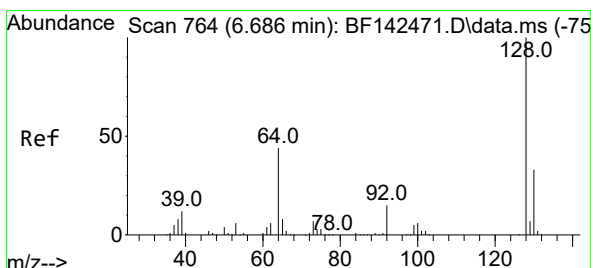
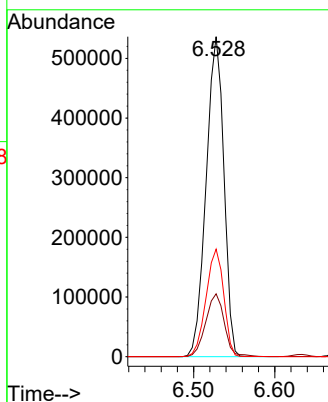
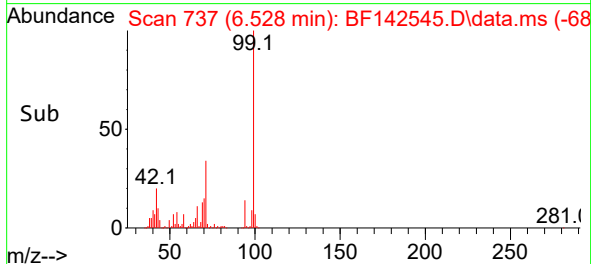
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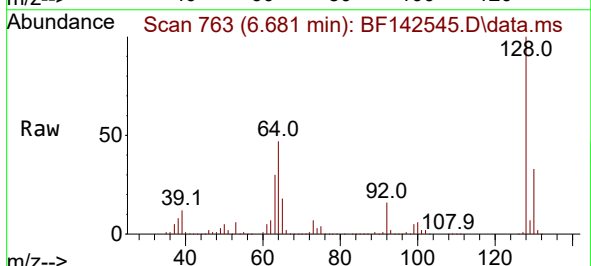
Tgt Ion: 99 Resp: 81259
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.6 27.3 40.9

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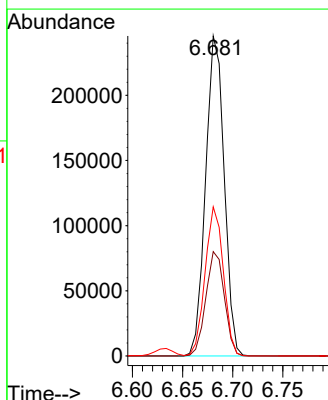
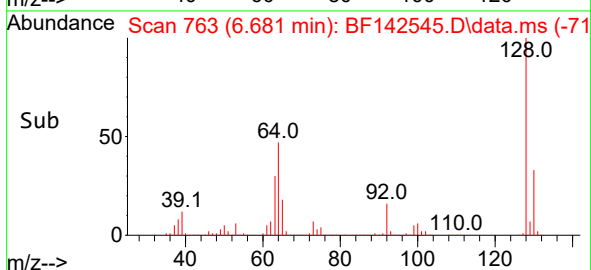
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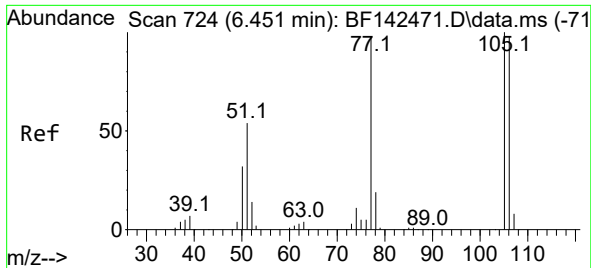


#8
2-Chlorophenol
Concen: 40.541 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



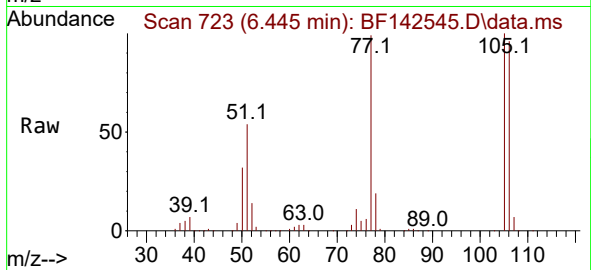
Tgt Ion:128 Resp: 317167
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 46.6 25.1 65.1





#9
Benzaldehyde
Concen: 36.692 ng
RT: 6.445 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

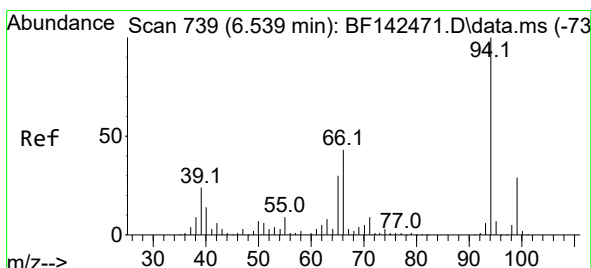
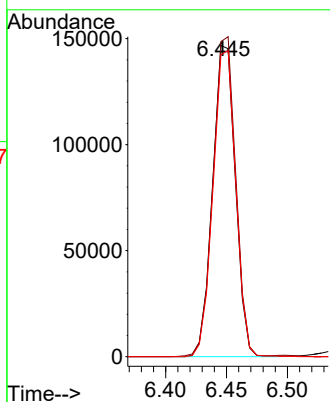
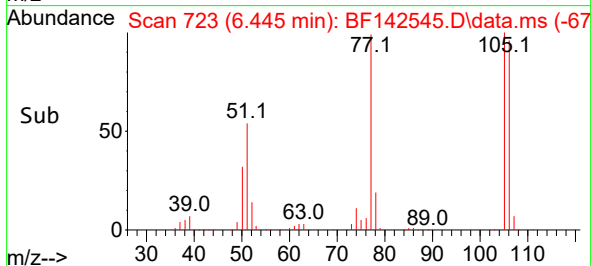
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Tgt Ion: 77 Resp: 190810
Ion Ratio Lower Upper
77 100
105 101.2 82.5 122.5
106 97.0 80.0 120.0

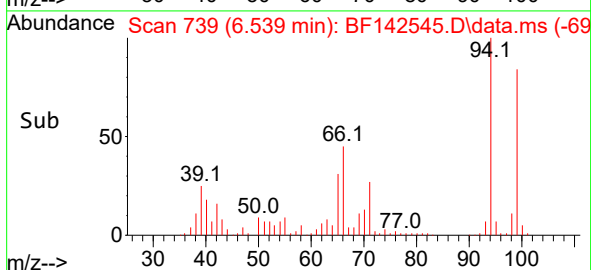
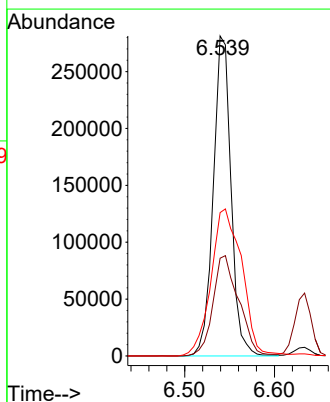
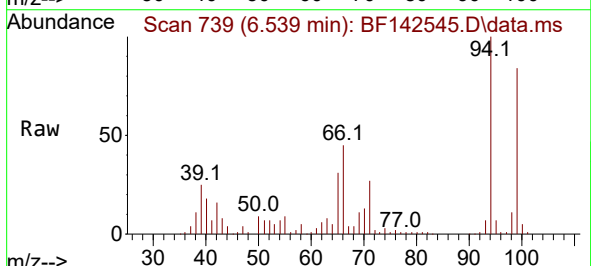
Manual Integrations
APPROVED

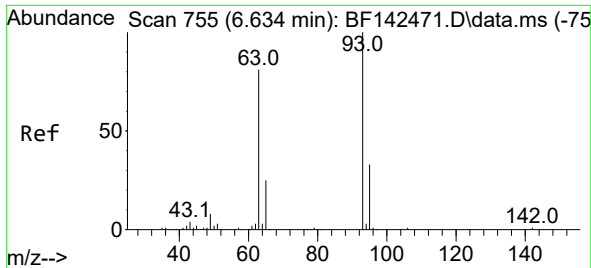
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#10
Phenol
Concen: 39.775 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

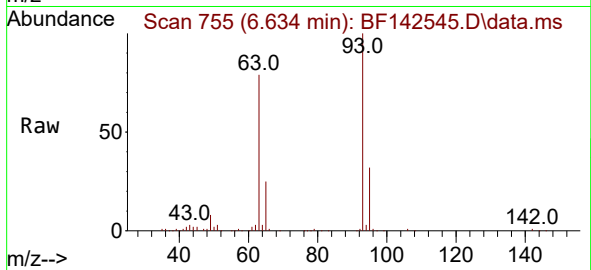
Tgt Ion: 94 Resp: 386957
Ion Ratio Lower Upper
94 100
65 30.6 10.3 50.3
66 44.8 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 41.000 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

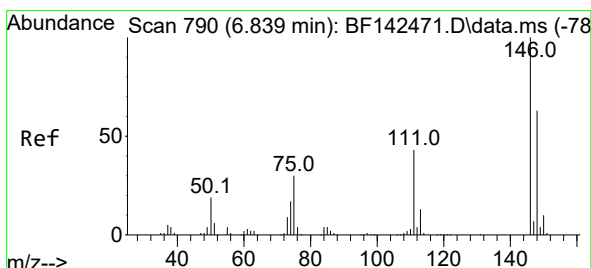
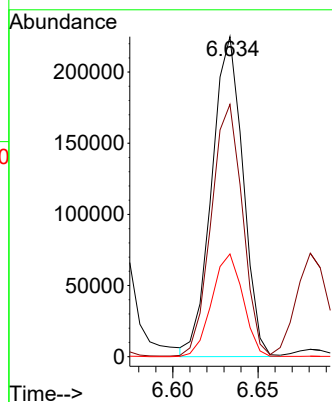
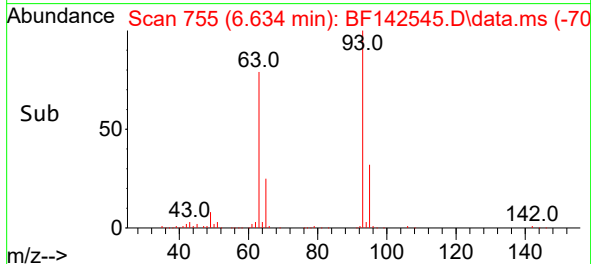
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



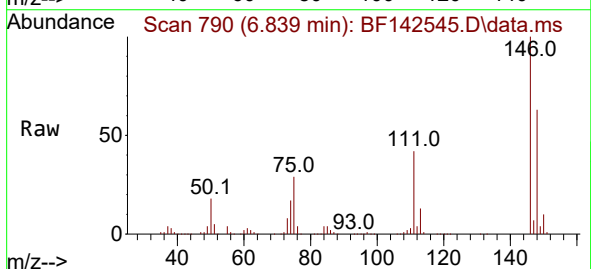
Tgt Ion: 93 Resp: 287125
Ion Ratio Lower Upper
93 100
63 78.8 60.2 100.2
95 32.1 12.3 52.3

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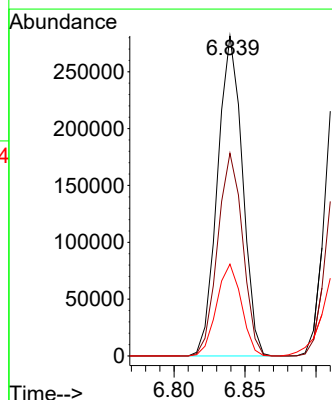
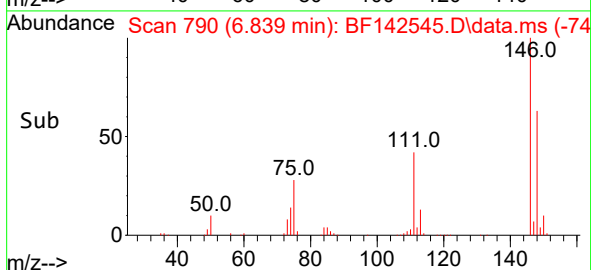
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

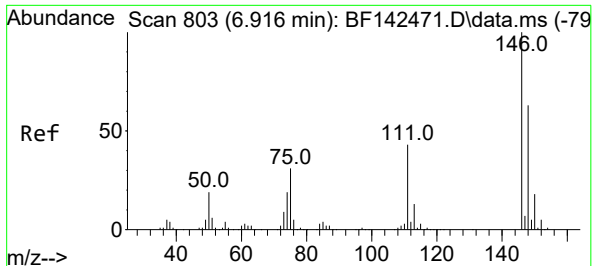


#12
1,3-Dichlorobenzene
Concen: 39.347 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



Tgt Ion:146 Resp: 343486
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
75 28.7 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 39.193 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

Tgt Ion:146 Resp: 34464

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

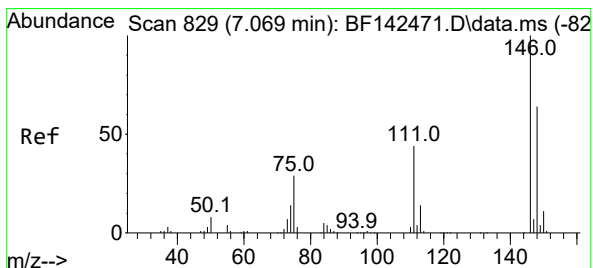
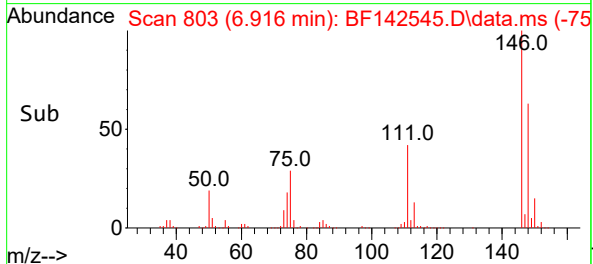
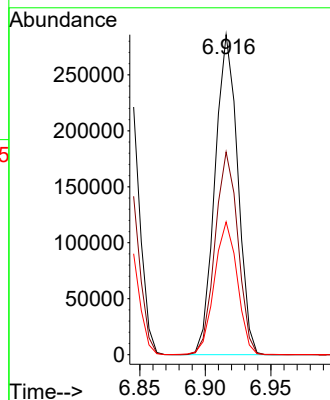
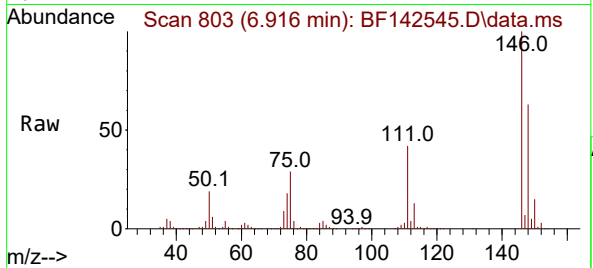
111 41.5 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#14

1,2-Dichlorobenzene

Concen: 39.357 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

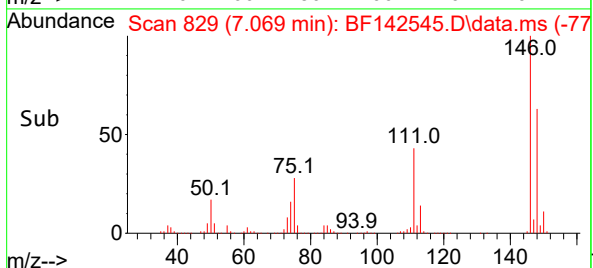
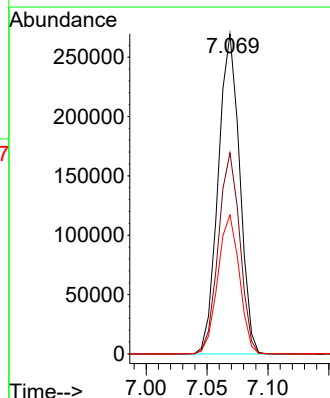
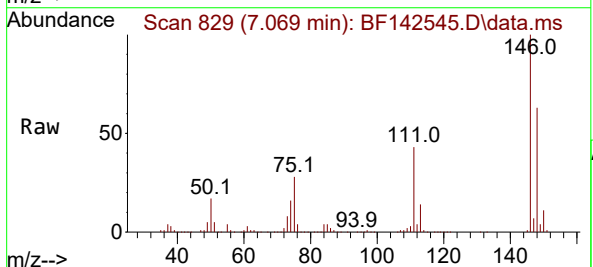
Tgt Ion:146 Resp: 331159

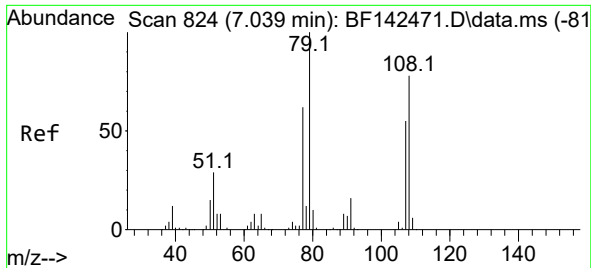
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

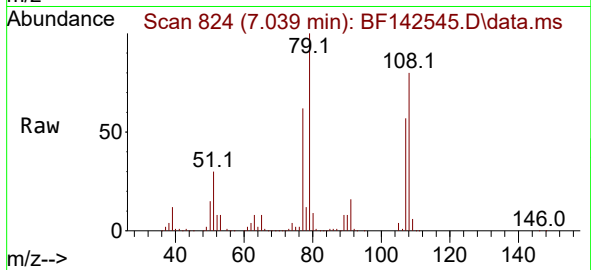
111 43.4 35.0 52.6





#15
Benzyl Alcohol
Concen: 40.032 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

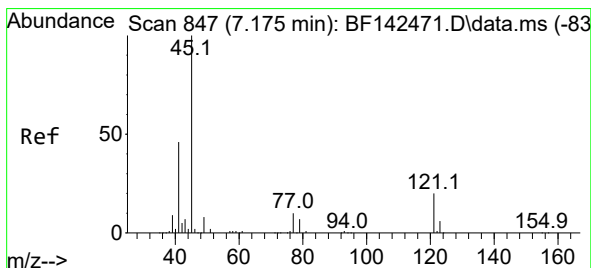
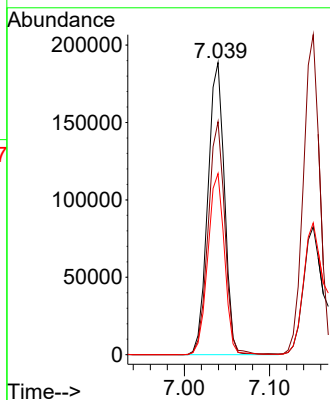
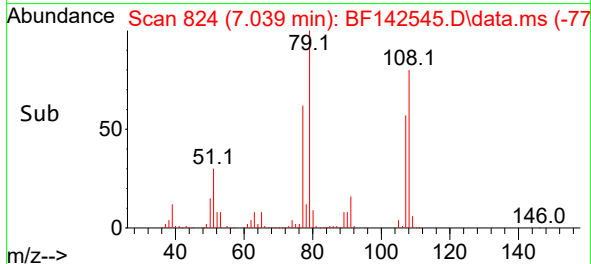
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion: 79 Resp: 255779
Ion Ratio Lower Upper
79 100
108 79.8 62.1 93.1
77 62.0 49.5 74.3

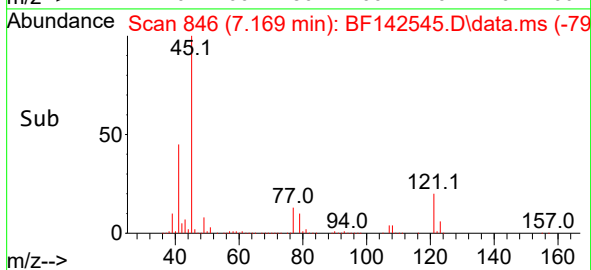
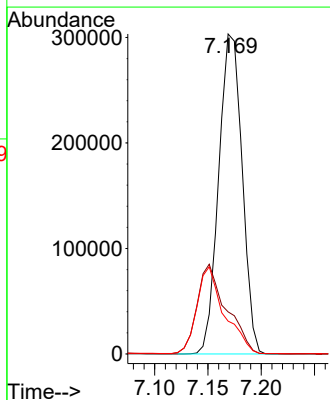
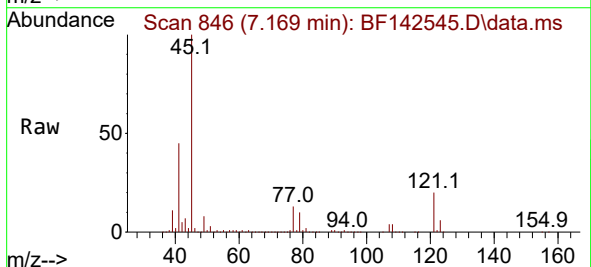
Manual Integrations
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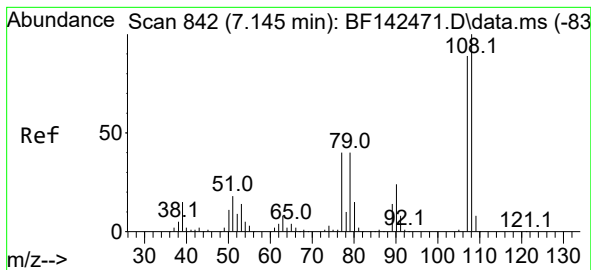
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.420 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion: 45 Resp: 463601
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.0
79 10.3 0.0 29.2





#17

2-Methylphenol

Concen: 39.491 ng

RT: 7.151 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

Tgt Ion:107 Resp: 24121

Ion Ratio Lower Upper

107 100

108 113.7 90.2 135.2

77 46.8 36.1 54.1

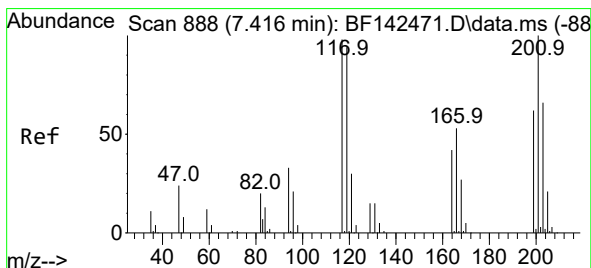
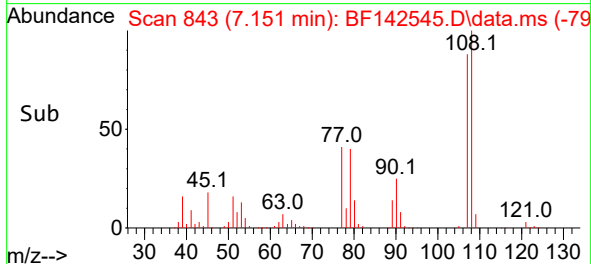
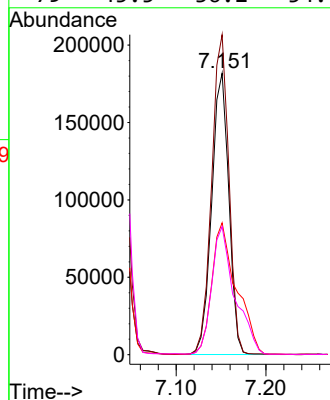
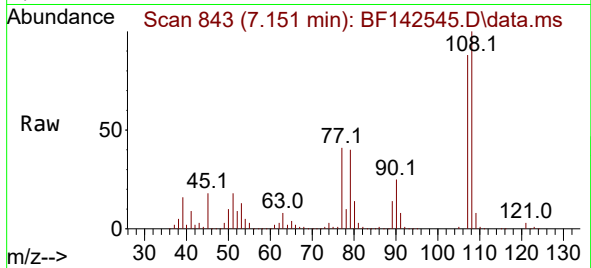
79 45.5 36.2 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#18

Hexachloroethane

Concen: 38.466 ng

RT: 7.410 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

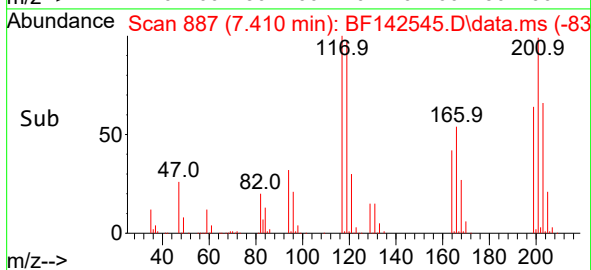
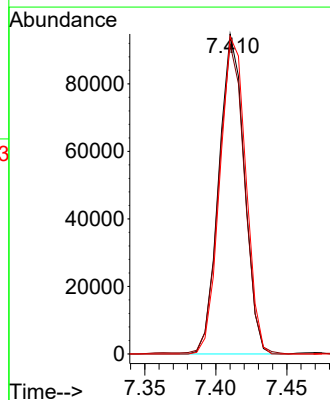
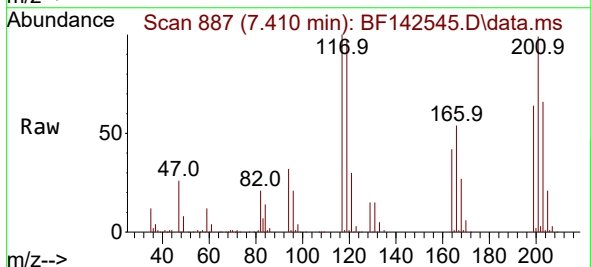
Tgt Ion:117 Resp: 118111

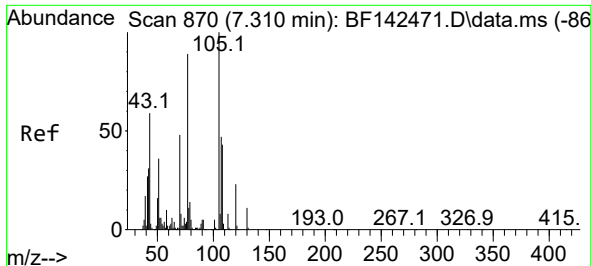
Ion Ratio Lower Upper

117 100

119 96.9 76.6 114.8

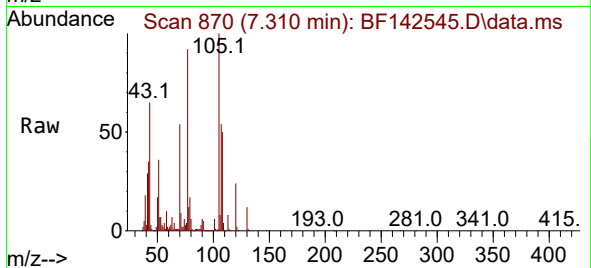
201 99.2 81.3 121.9





#19
n-Nitroso-di-n-propylamine
Concen: 39.085 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

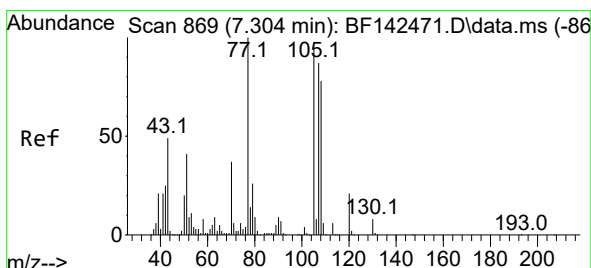
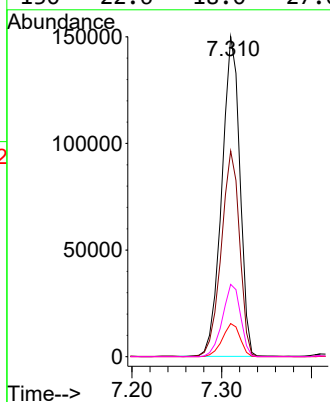
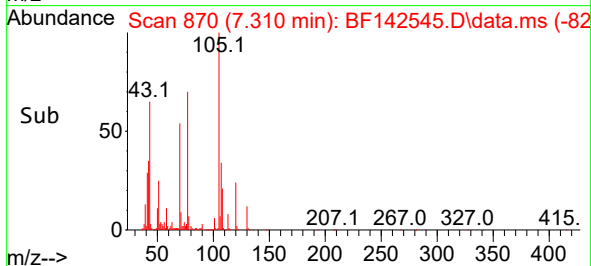
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion: 70 Resp: 20943
Ion Ratio Lower Upper
70 100
42 64.3 52.4 78.6
101 10.3 7.8 11.8
130 22.6 18.0 27.0

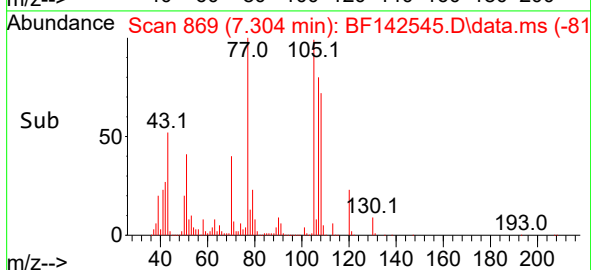
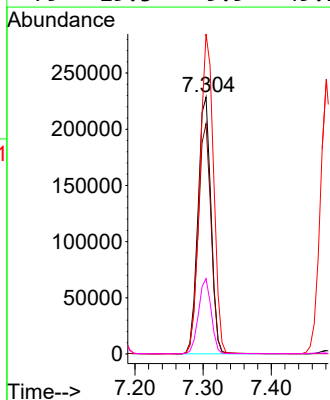
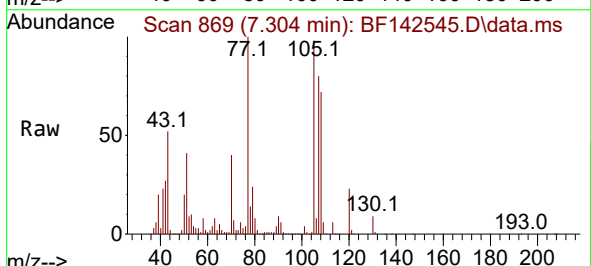
Manual Integrations
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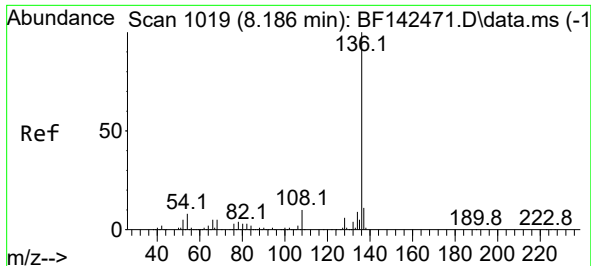
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#20
3+4-Methylphenols
Concen: 38.517 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

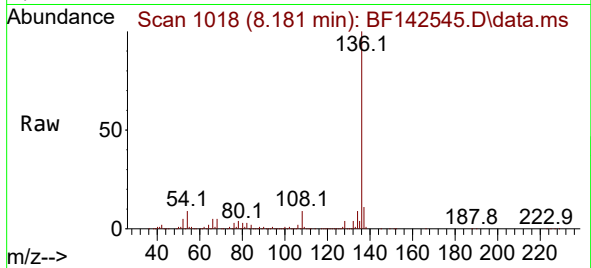
Tgt Ion:107 Resp: 301270
Ion Ratio Lower Upper
107 100
108 89.7 70.4 110.4
77 124.6 95.4 135.4
79 29.3 9.9 49.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

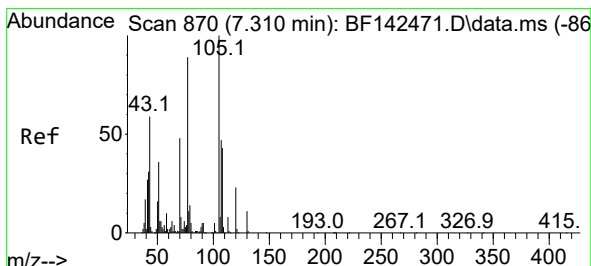
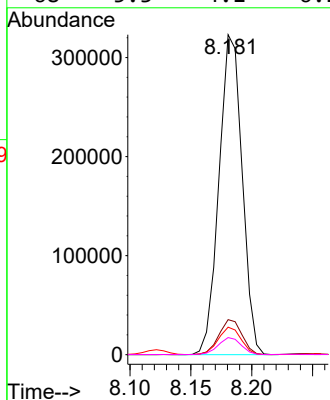
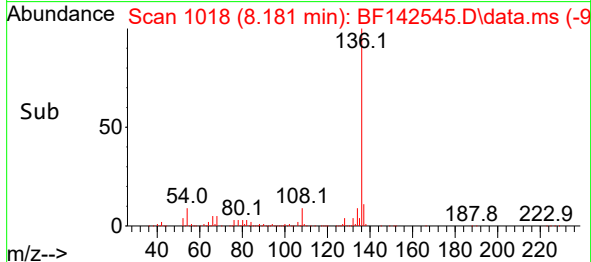
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion:136 Resp: 42828
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 6.6 10.0
68 5.3 4.1 6.1

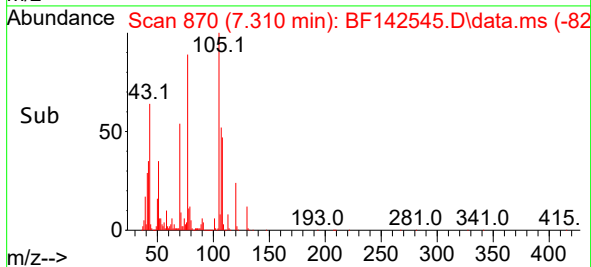
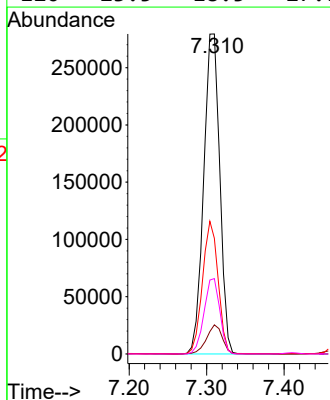
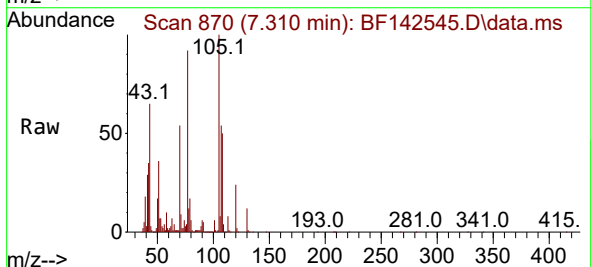
Manual Integrations
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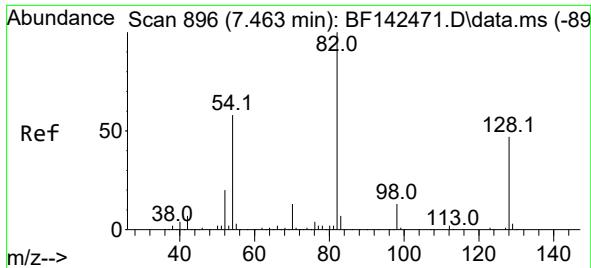
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#22
Acetophenone
Concen: 42.447 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

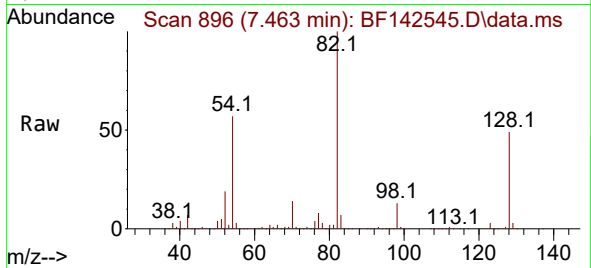
Tgt Ion:105 Resp: 402436
Ion Ratio Lower Upper
105 100
71 9.1 6.4 9.6
51 36.1 28.6 42.8
120 23.5 18.5 27.7





#23
Nitrobenzene-d5
Concen: 60.717 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

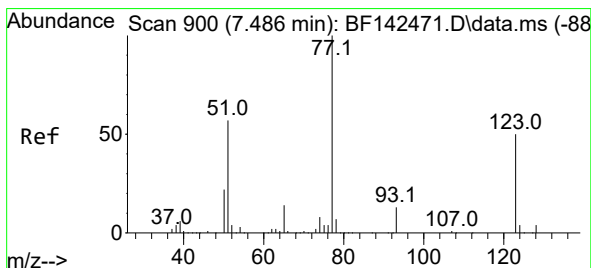
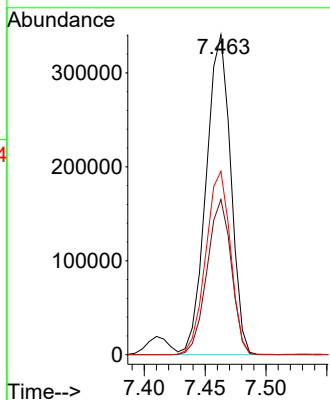
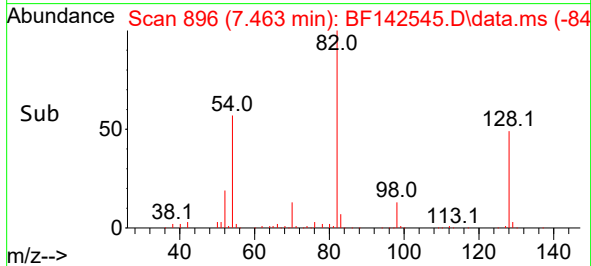
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion: 82 Resp: 47689
Ion Ratio Lower Upper
82 100
128 48.5 37.4 56.2
54 57.3 46.6 70.0

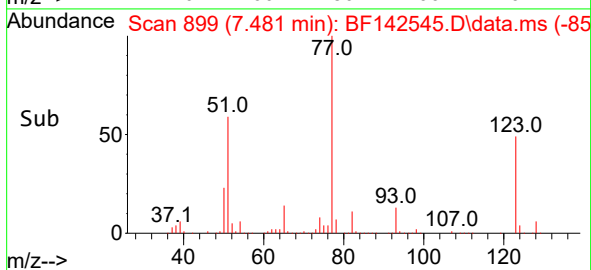
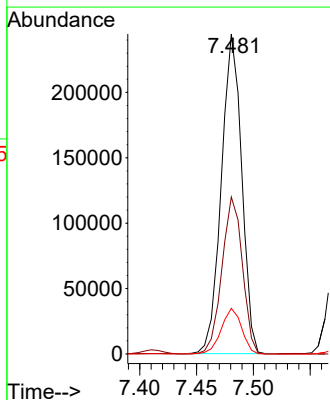
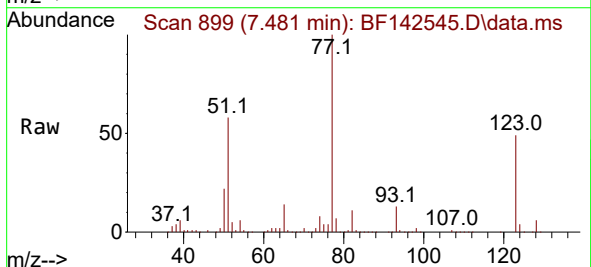
Manual Integrations
APPROVED

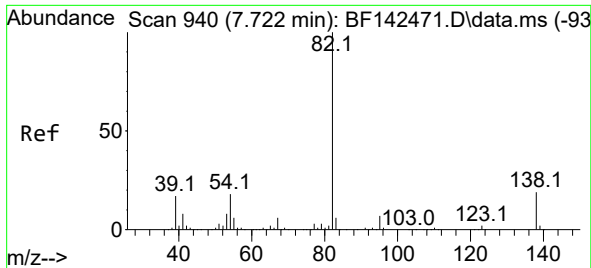
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#24
Nitrobenzene
Concen: 42.945 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

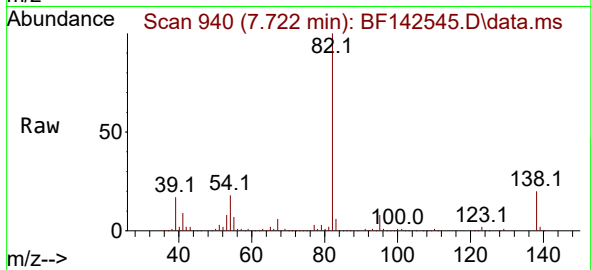
Tgt Ion: 77 Resp: 304215
Ion Ratio Lower Upper
77 100
123 49.0 40.6 61.0
65 14.2 11.4 17.2





#25
Isophorone
Concen: 41.576 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

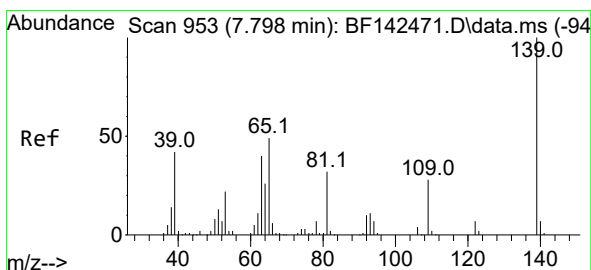
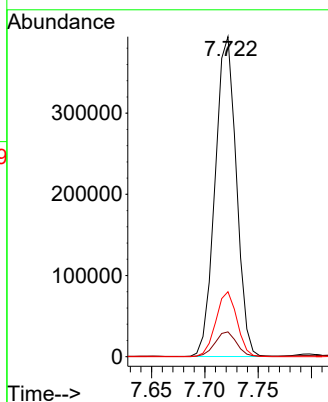
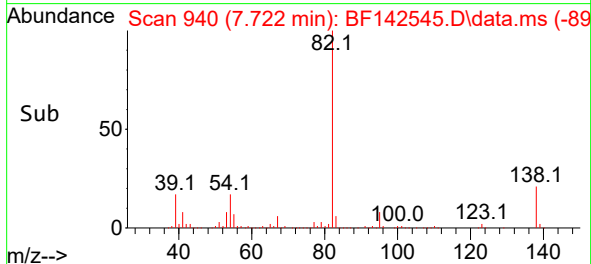
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



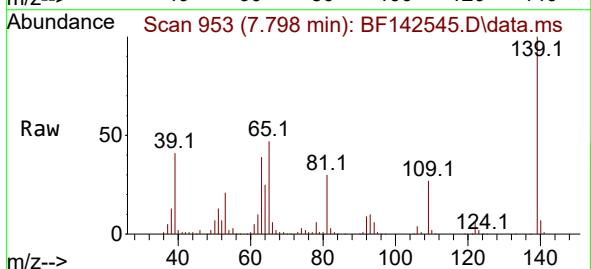
Tgt Ion: 82 Resp: 545979
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 20.3 15.5 23.3

Manual Integrations
APPROVED

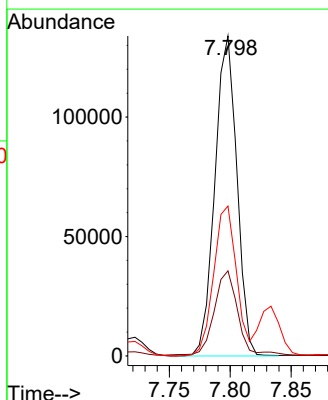
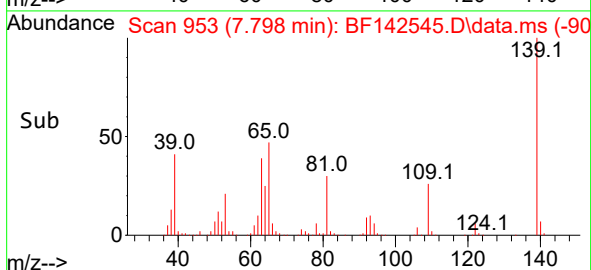
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

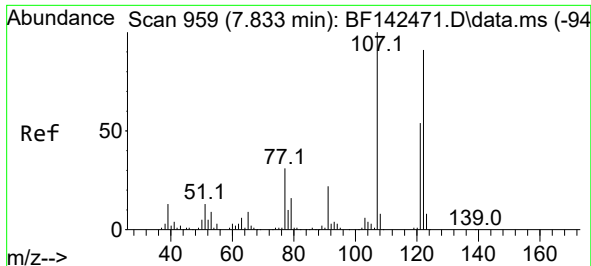


#26
2-Nitrophenol
Concen: 44.540 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



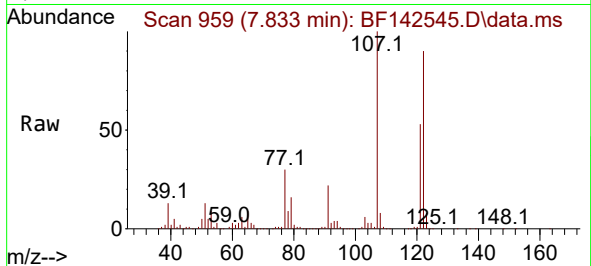
Tgt Ion:139 Resp: 168593
Ion Ratio Lower Upper
139 100
109 26.6 22.6 33.8
65 46.8 39.4 59.0





#27
2,4-Dimethylphenol
Concen: 42.776 ng
RT: 7.833 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

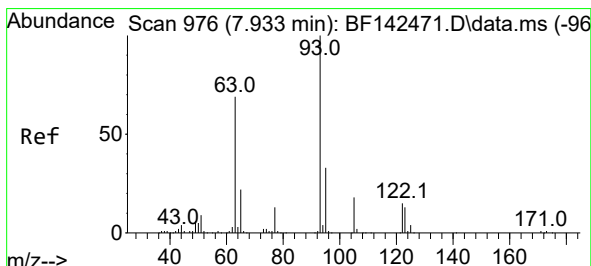
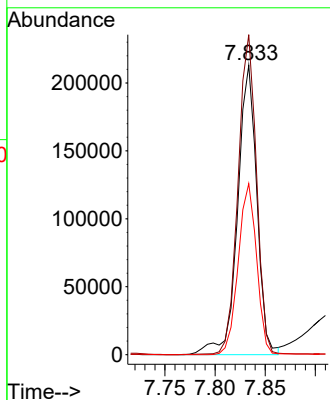
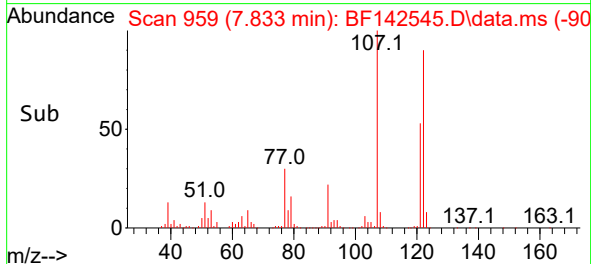
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion:122 Resp: 28553
Ion Ratio Lower Upper
122 100
107 110.6 88.1 132.1
121 59.1 47.3 70.9

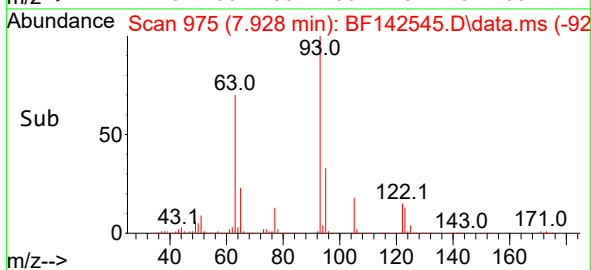
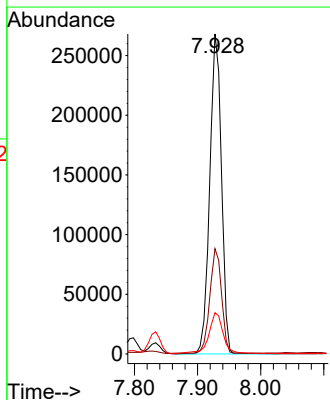
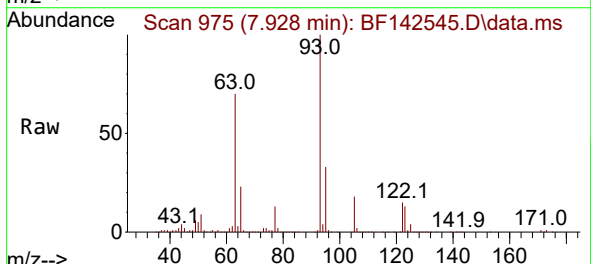
Manual Integrations
APPROVED

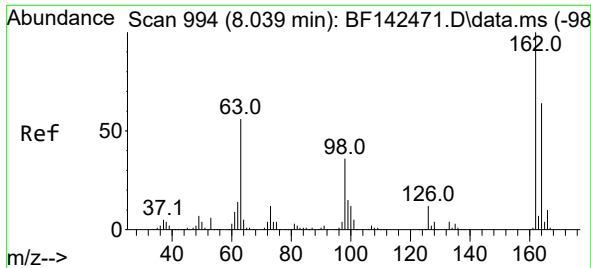
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.162 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion: 93 Resp: 345861
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 12.9 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 41.151 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

Tgt Ion:162 Resp: 249812

Ion Ratio Lower Upper

162 100

164 64.3 43.7 83.7

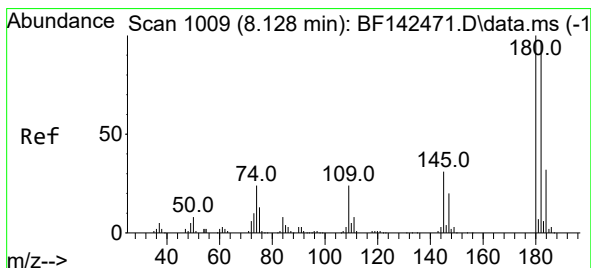
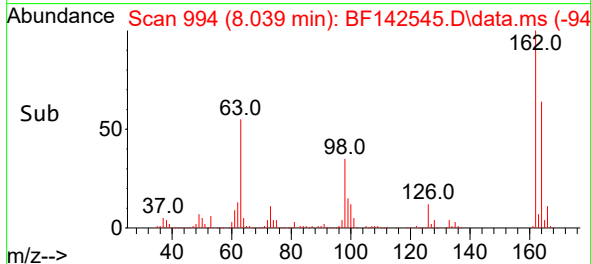
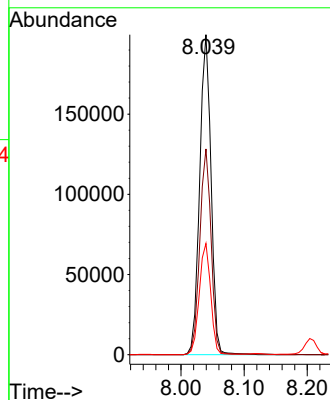
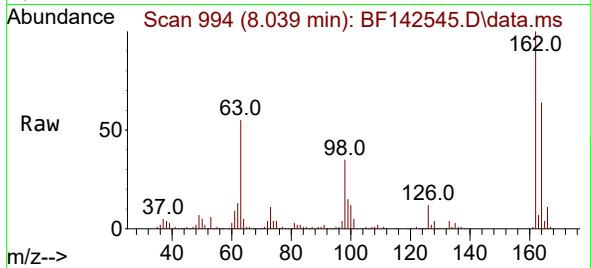
98 34.8 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.777 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

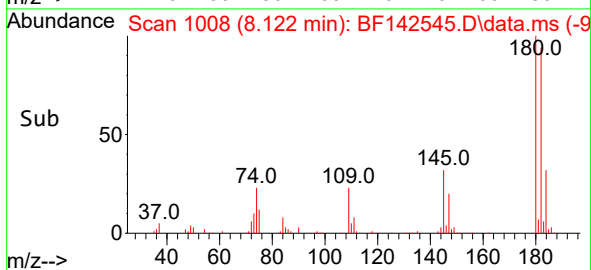
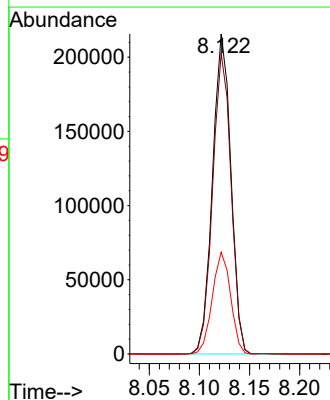
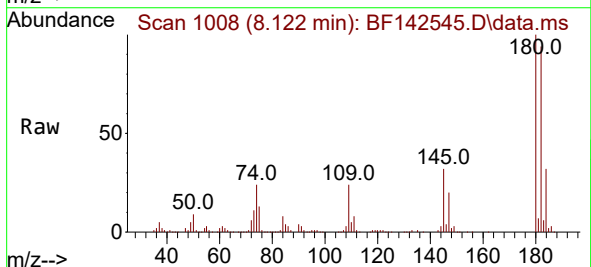
Tgt Ion:180 Resp: 275235

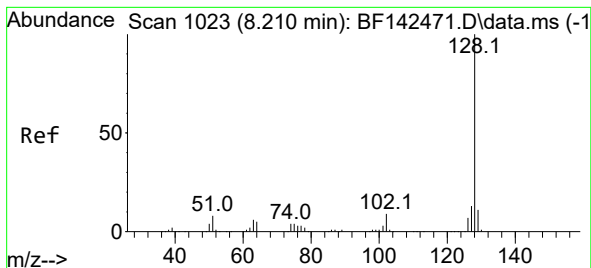
Ion Ratio Lower Upper

180 100

182 93.9 78.0 117.0

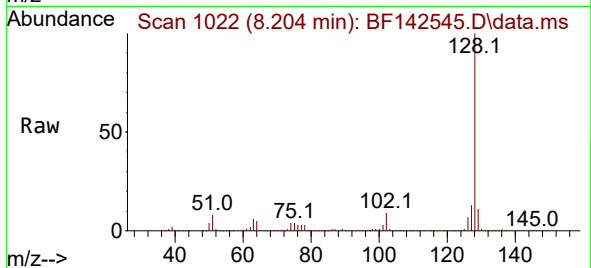
145 31.8 25.0 37.6





#31
Naphthalene
Concen: 44.208 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

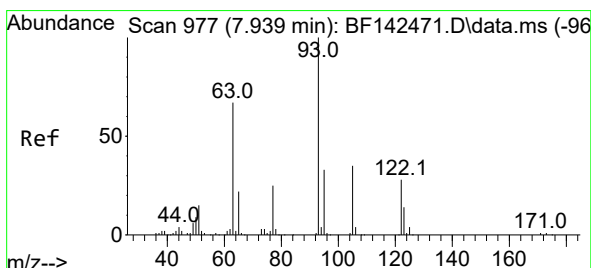
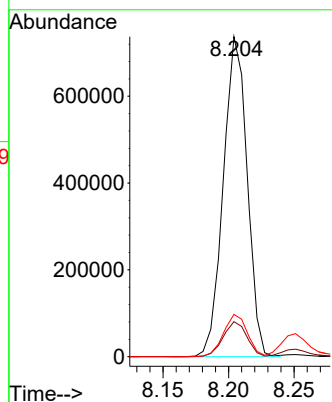
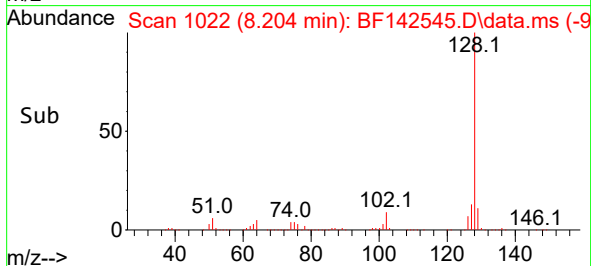
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion:128 Resp: 93229
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.5 15.7

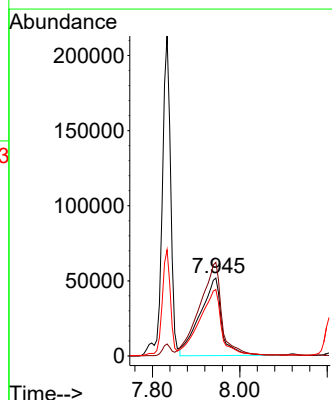
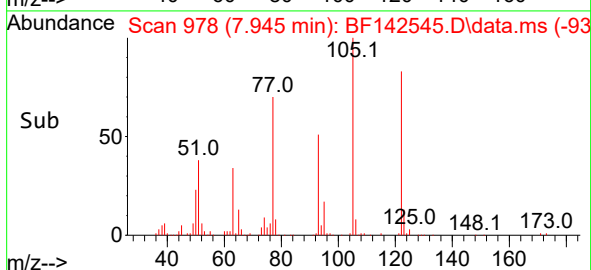
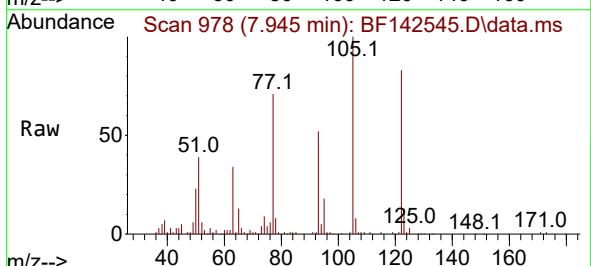
Manual Integrations
APPROVED

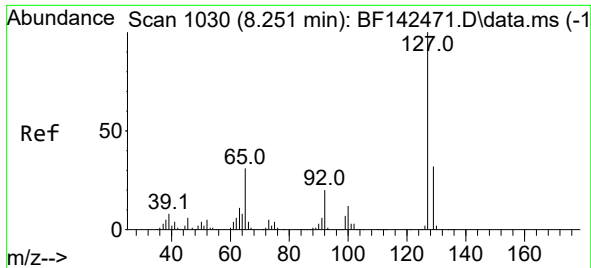
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#32
Benzoic acid
Concen: 43.822 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:122 Resp: 178065
Ion Ratio Lower Upper
122 100
105 120.2 101.7 141.7
77 85.2 69.5 109.5





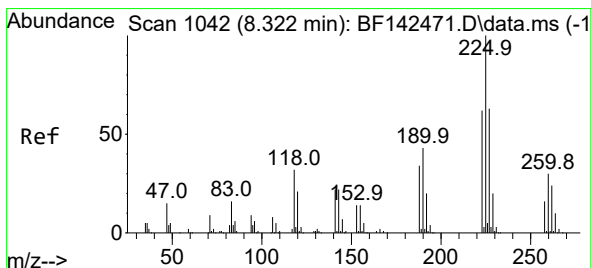
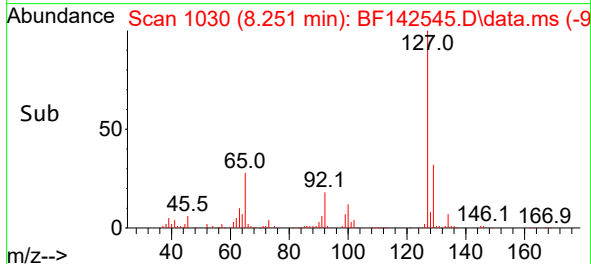
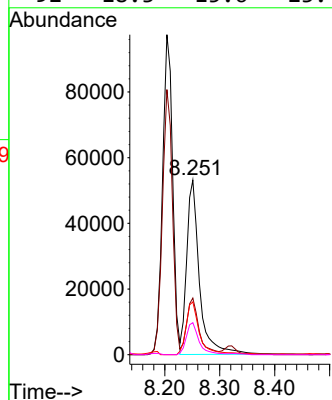
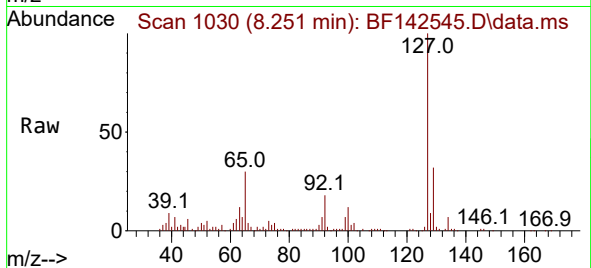
#33
4-Chloroaniline
Concen: 10.046 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

Tgt Ion:	127	Resp:	85840
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	30.2	24.9	37.3
92	18.3	15.6	23.4

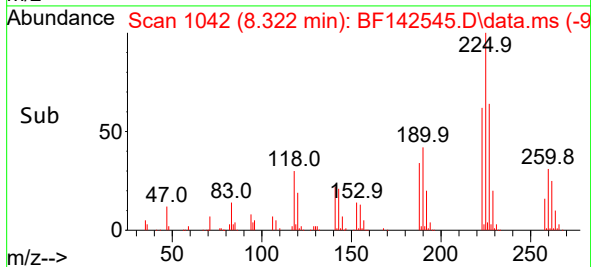
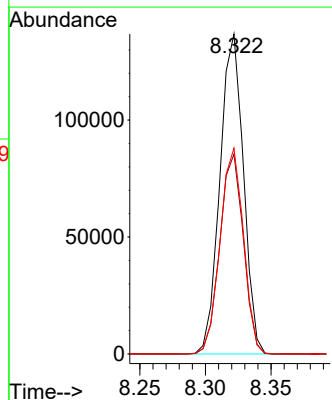
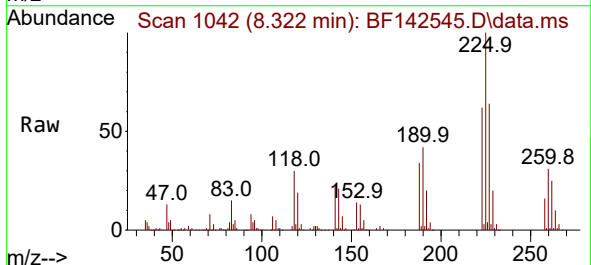
Manual Integrations
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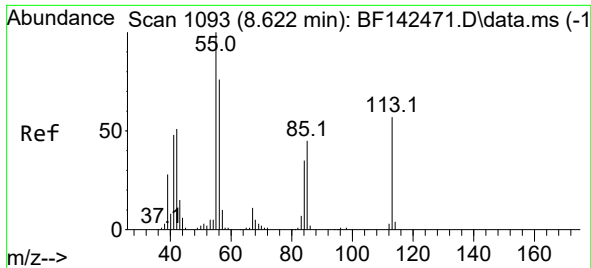
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#34
Hexachlorobutadiene
Concen: 41.353 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:	225	Resp:	170111
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	64.3	50.3	75.5





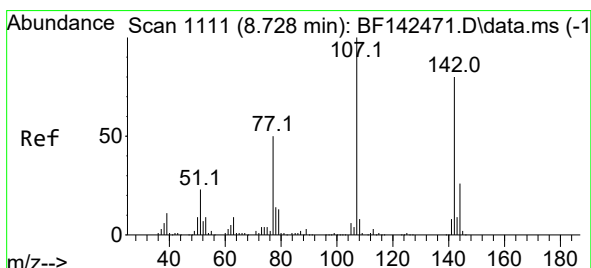
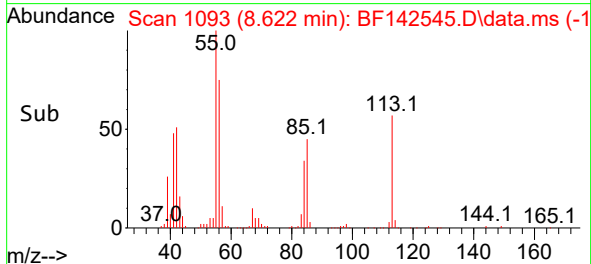
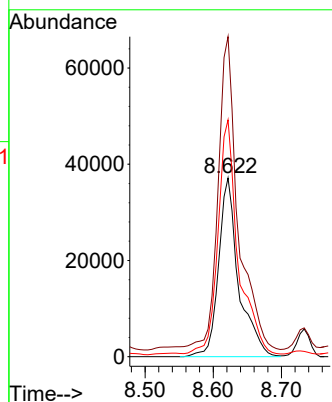
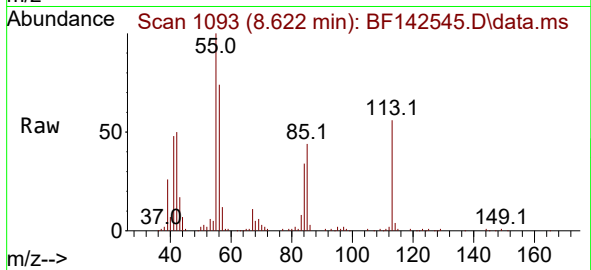
#35
 Caprolactam
 Concen: 44.629 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-02-MHFMS

Tgt Ion:113 Resp: 76090
 Ion Ratio Lower Upper
 113 100
 55 179.0 154.7 194.7
 56 132.5 113.2 153.2

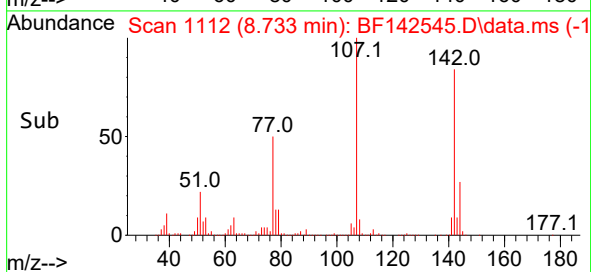
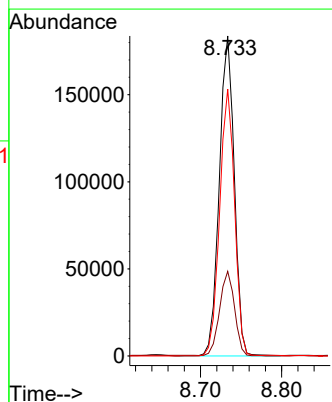
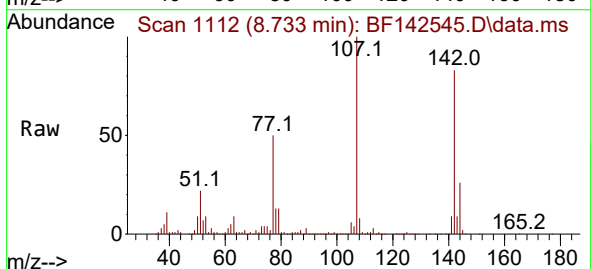
Manual Integrations
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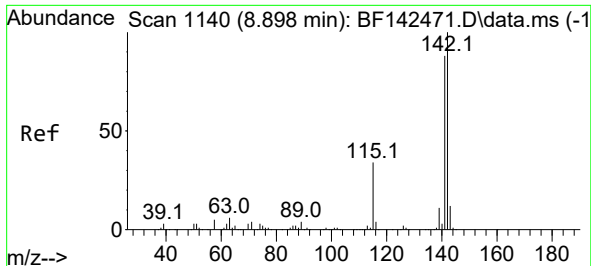
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025



#36
 4-Chloro-3-methylphenol
 Concen: 38.027 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56

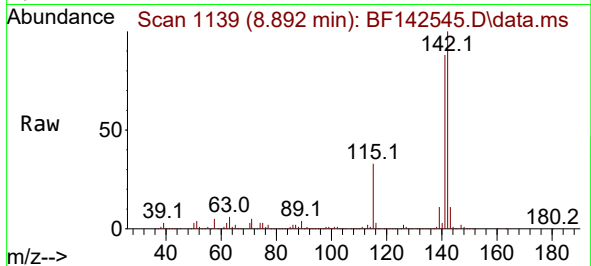
Tgt Ion:107 Resp: 236580
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.9 31.3
 142 83.4 64.2 96.2





#37
2-Methylnaphthalene
Concen: 40.727 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

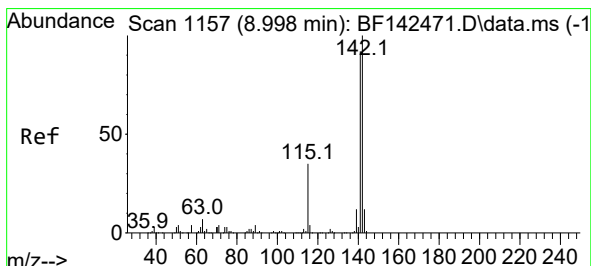
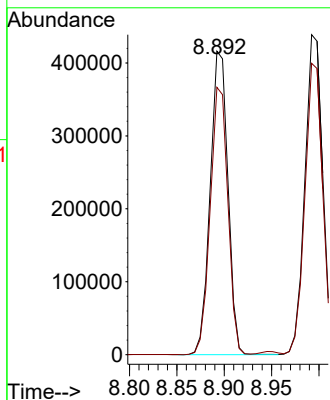
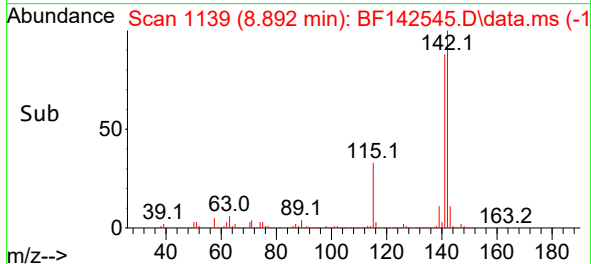
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion:142 Resp: 54034
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1

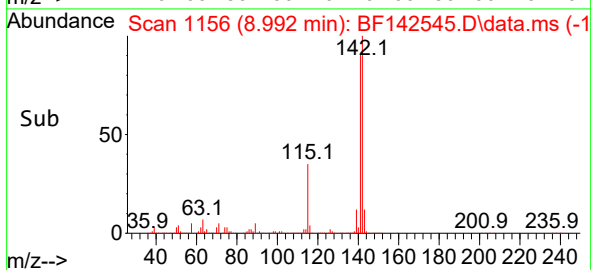
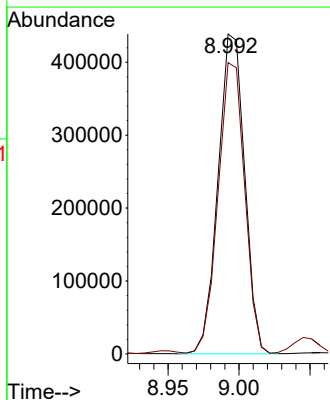
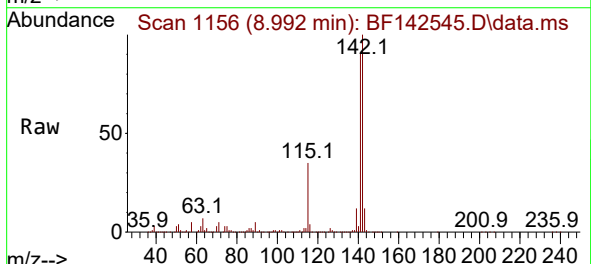
Manual Integrations
APPROVED

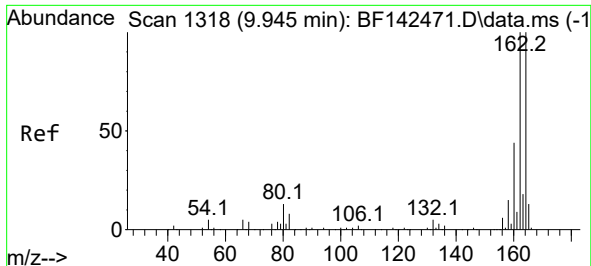
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#38
1-Methylnaphthalene
Concen: 41.558 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:142 Resp: 570321
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142545.D

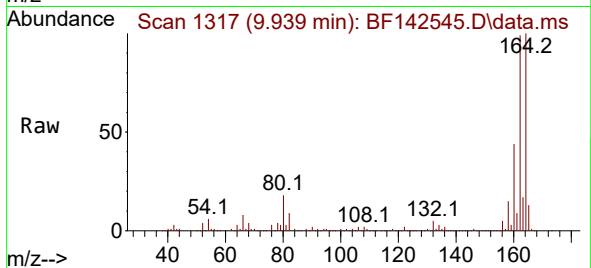
Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS



Tgt Ion:164 Resp: 18803

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

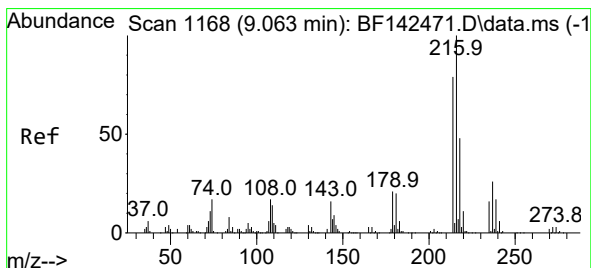
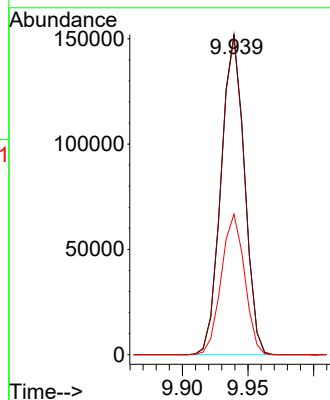
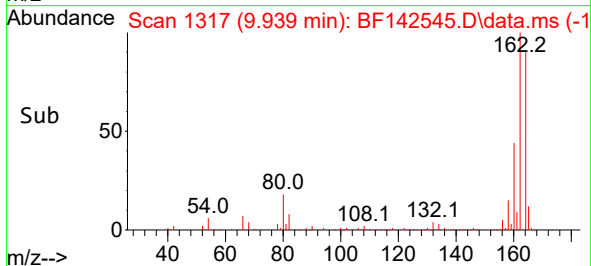
160 43.9 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.742 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Tgt Ion:216 Resp: 257697

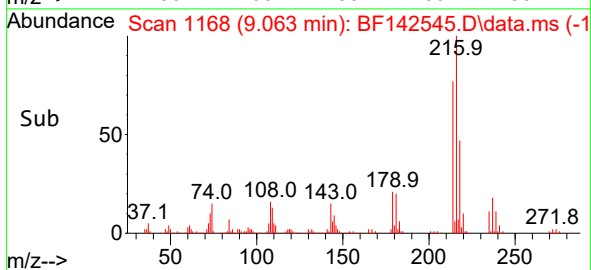
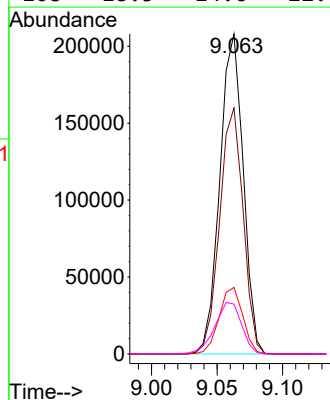
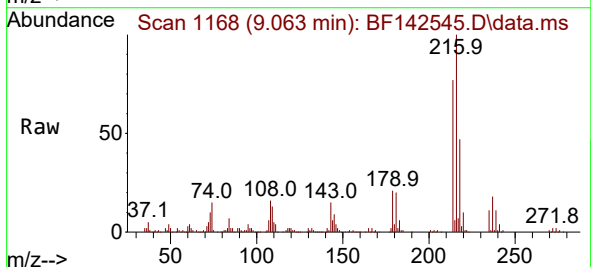
Ion Ratio Lower Upper

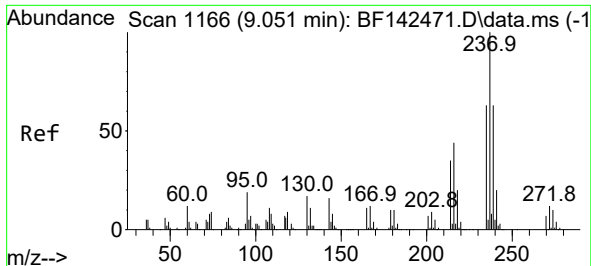
216 100

214 77.1 62.9 94.3

179 21.1 16.9 25.3

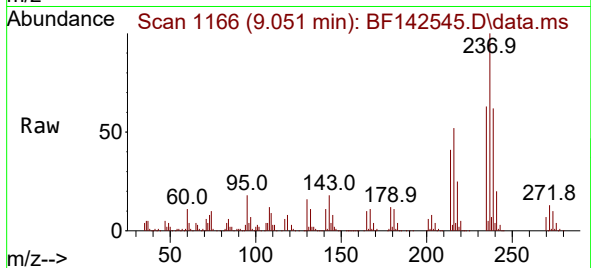
108 18.5 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 68.069 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

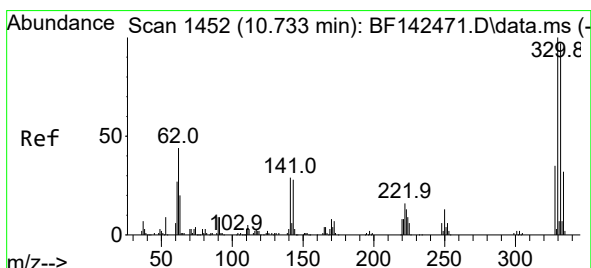
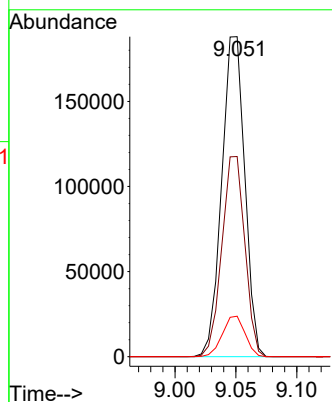
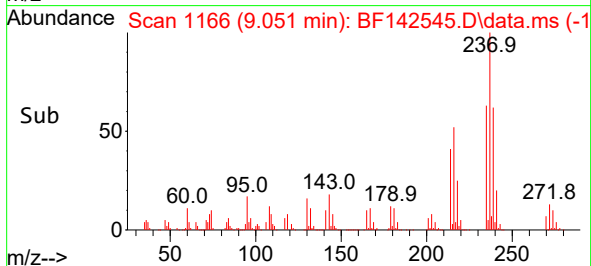
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



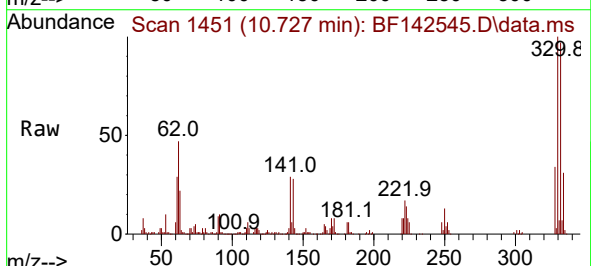
Tgt Ion:237 Resp: 247850
Ion Ratio Lower Upper
237 100
235 62.6 43.3 83.3
272 12.6 0.0 32.4

Manual Integrations
APPROVED

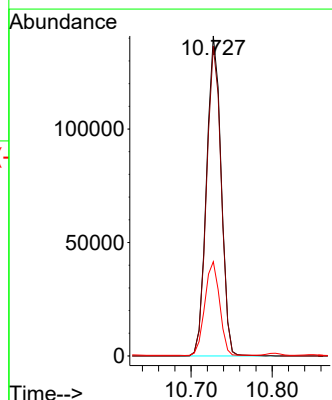
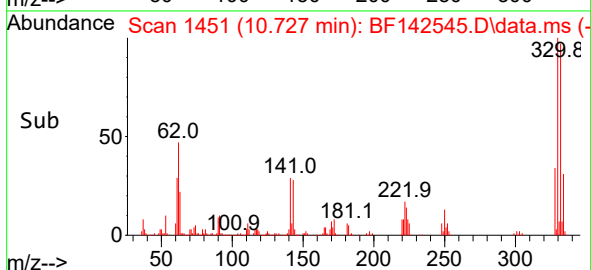
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#42
2,4,6-Tribromophenol
Concen: 84.137 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



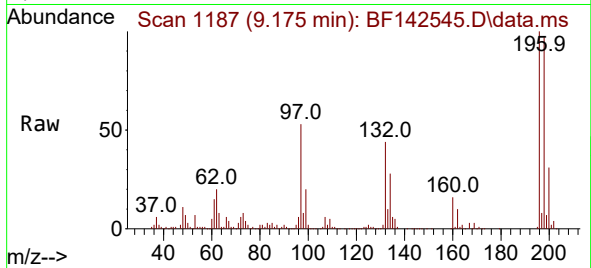
Tgt Ion:330 Resp: 175592
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 29.6 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 46.180 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

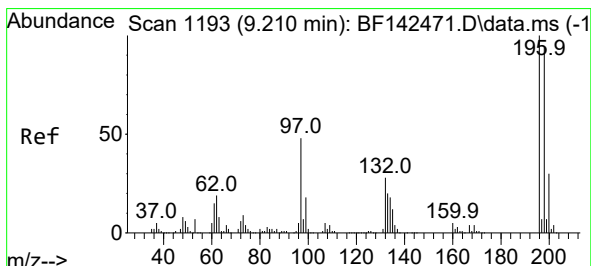
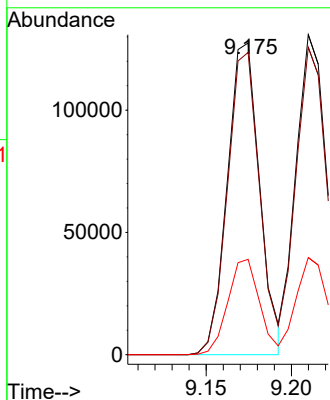
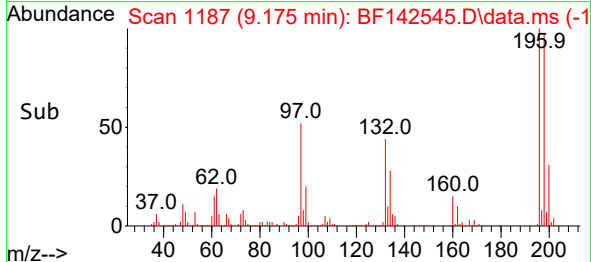
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



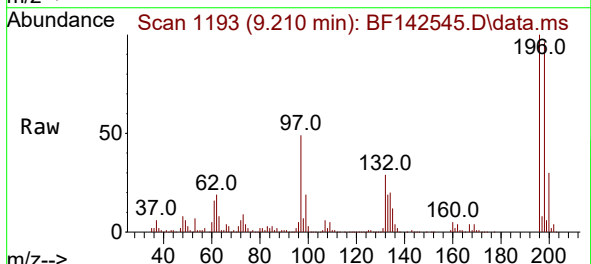
Tgt Ion:196 Resp: 168084
Ion Ratio Lower Upper
196 100
198 97.0 78.8 118.2
200 30.6 24.9 37.3

Manual Integrations
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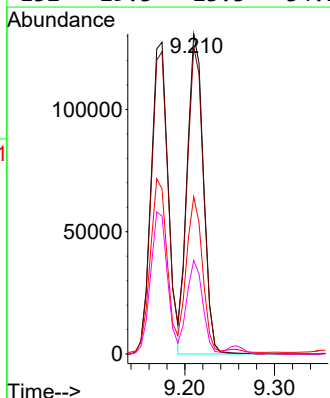
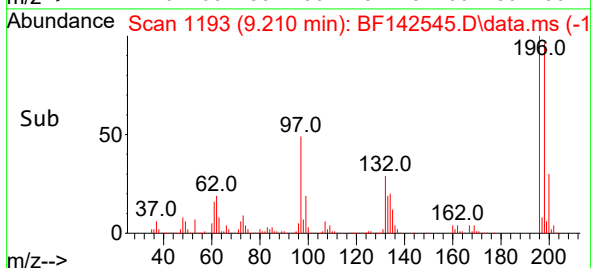
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

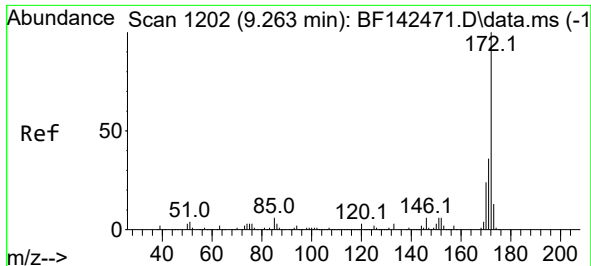


#44
2,4,5-Trichlorophenol
Concen: 42.919 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



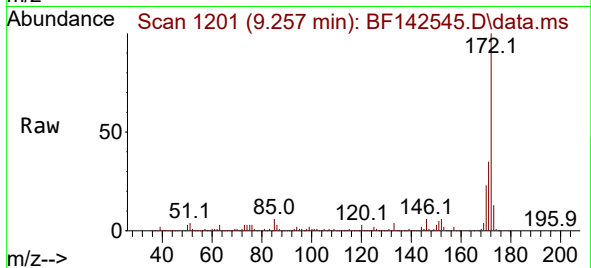
Tgt Ion:196 Resp: 164751
Ion Ratio Lower Upper
196 100
198 96.0 75.5 113.3
97 49.1 39.3 58.9
132 29.3 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 65.296 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

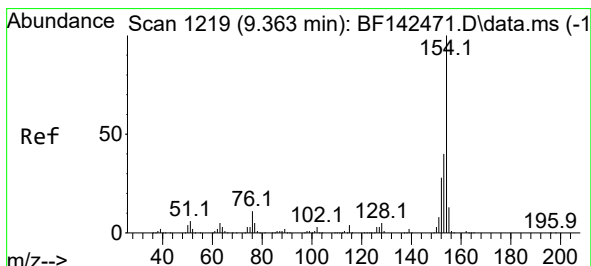
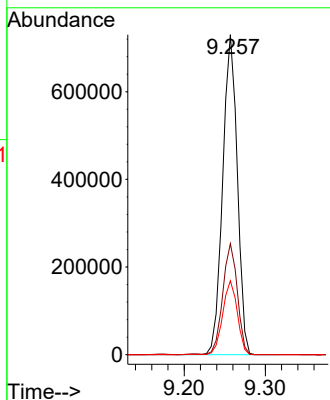
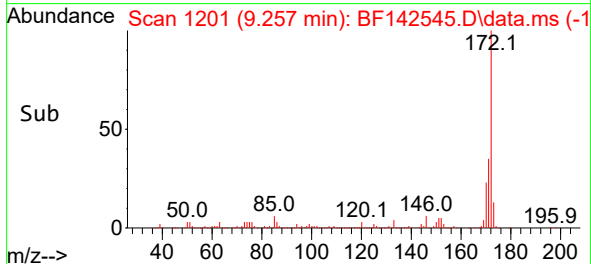
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



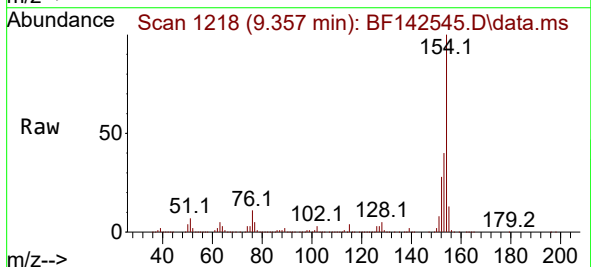
Tgt Ion:172 Resp: 915009
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.1 18.9 28.3

Manual Integrations
APPROVED

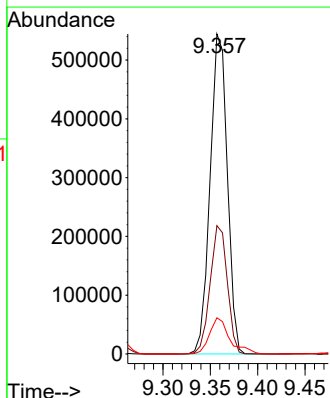
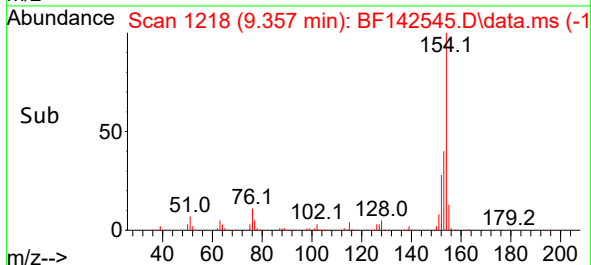
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

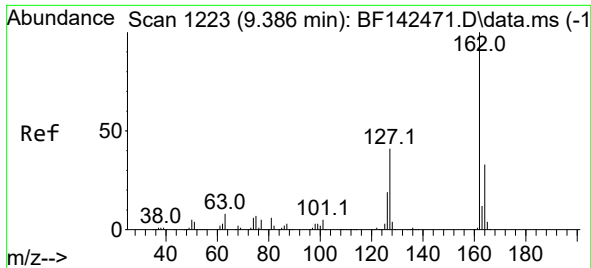


#46
1,1'-Biphenyl
Concen: 47.237 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



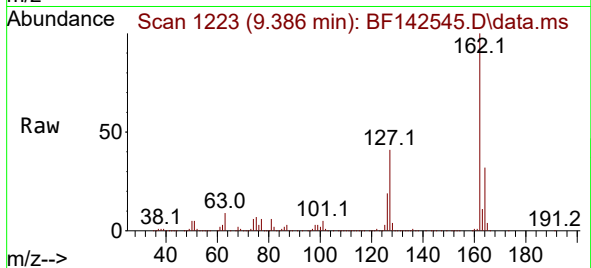
Tgt Ion:154 Resp: 689106
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 11.3 0.0 30.8





#47
2-Chloronaphthalene
Concen: 45.373 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

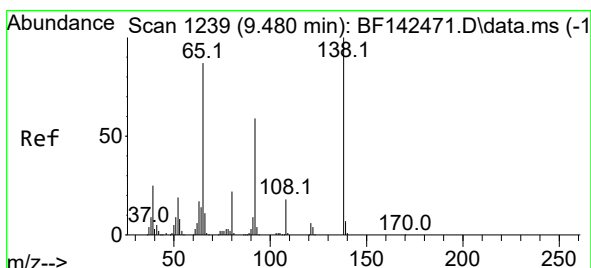
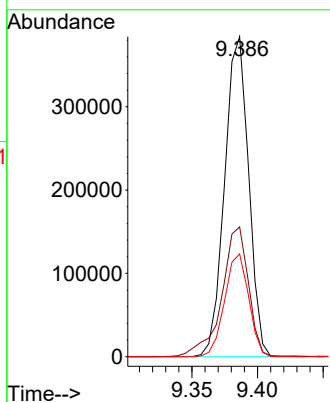
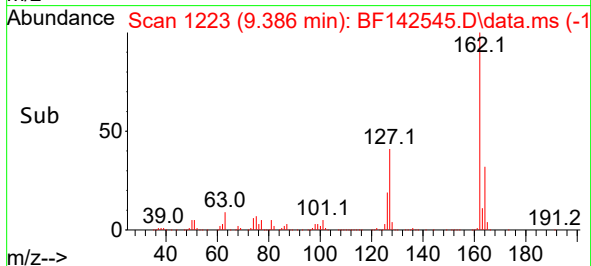
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion:162 Resp: 48904
Ion Ratio Lower Upper
162 100
127 40.5 33.5 50.3
164 32.1 26.1 39.1

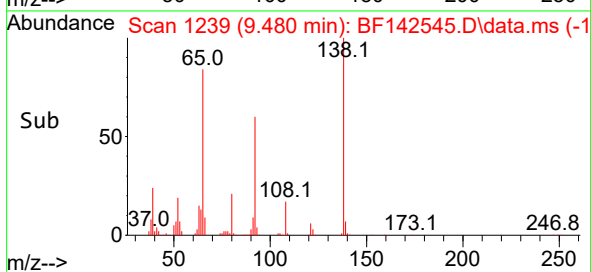
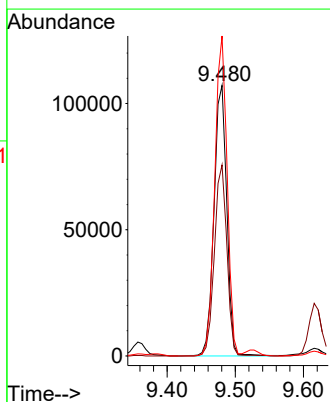
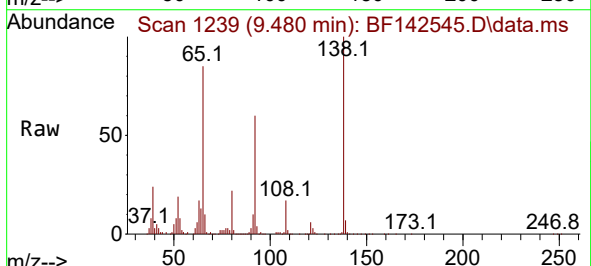
Manual Integrations
APPROVED

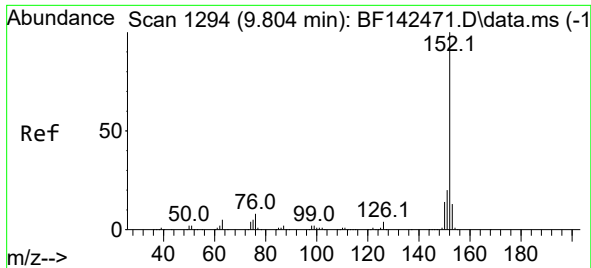
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#48
2-Nitroaniline
Concen: 44.933 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

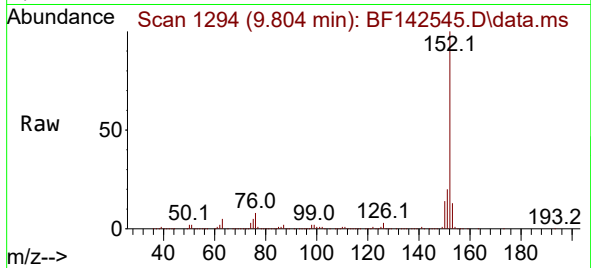
Tgt Ion: 65 Resp: 139985
Ion Ratio Lower Upper
65 100
92 70.6 54.4 81.6
138 118.3 91.4 137.2





#49
Acenaphthylene
Concen: 44.029 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

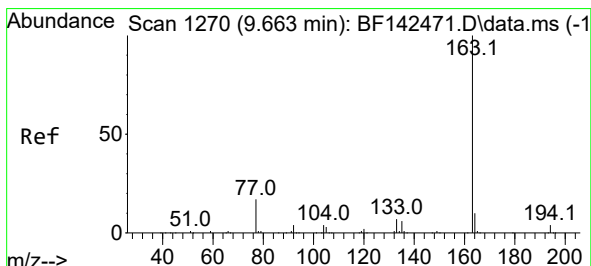
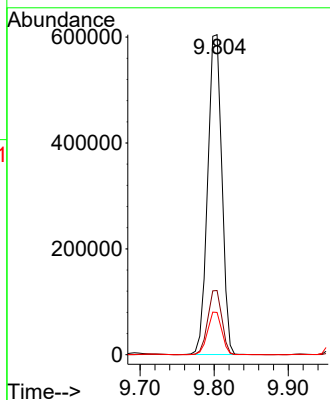
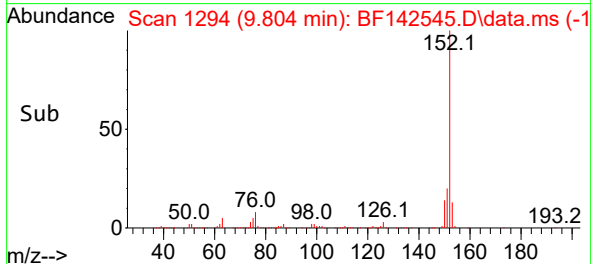
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



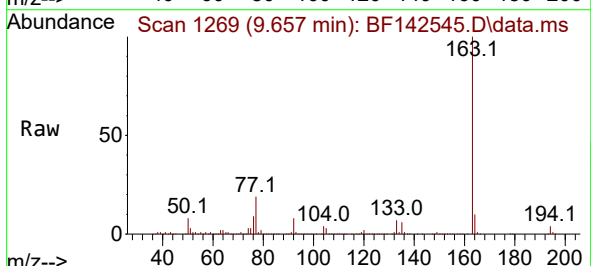
Tgt Ion:152 Resp: 801329
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.2 10.6 15.8

Manual Integrations
APPROVED

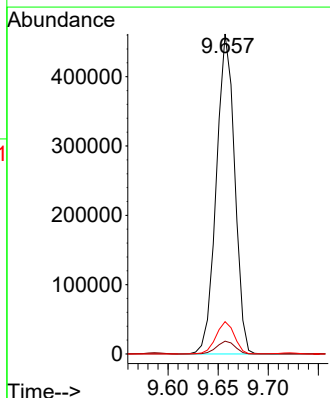
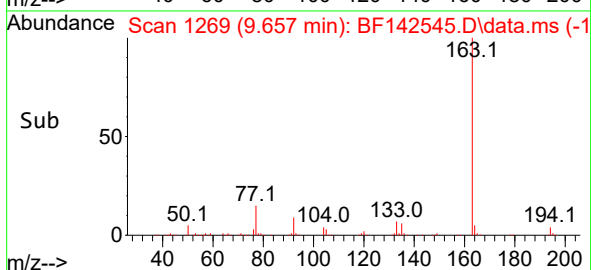
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

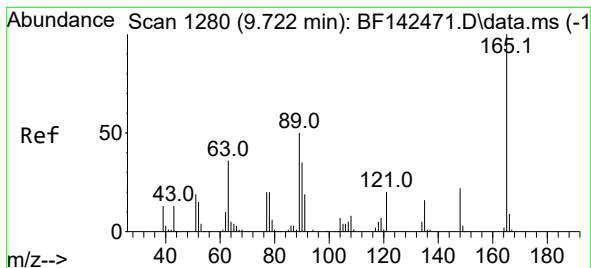


#50
Dimethylphthalate
Concen: 47.244 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



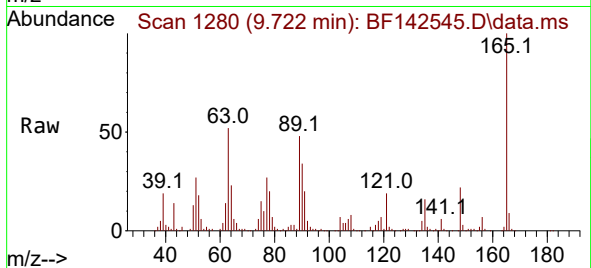
Tgt Ion:163 Resp: 586168
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 44.512 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

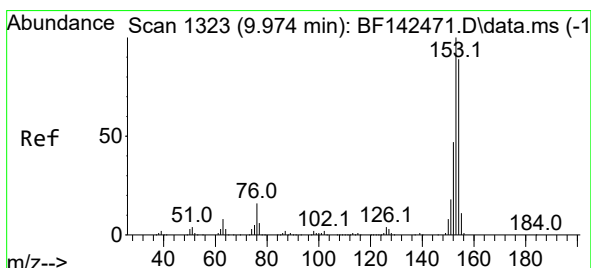
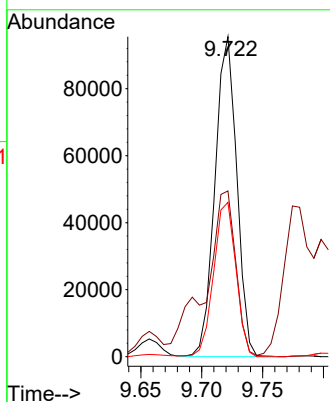
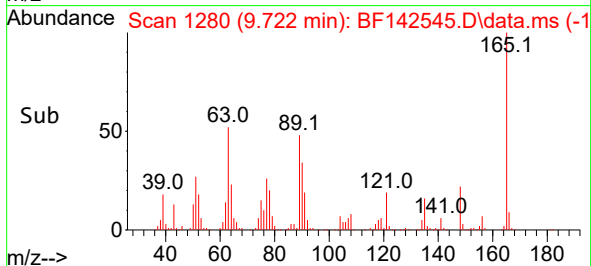
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion:165 Resp: 119197
Ion Ratio Lower Upper
165 100
63 51.8 42.9 64.3
89 48.3 40.2 60.4

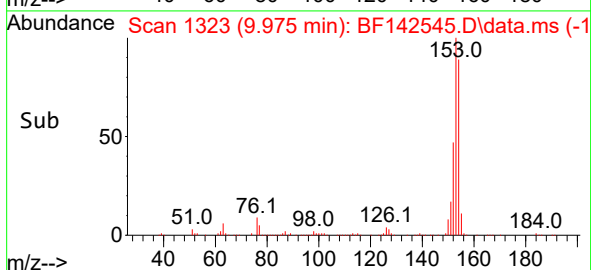
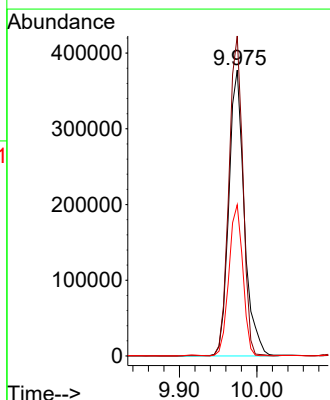
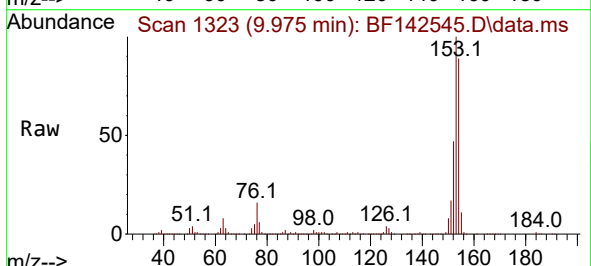
Manual Integrations
APPROVED

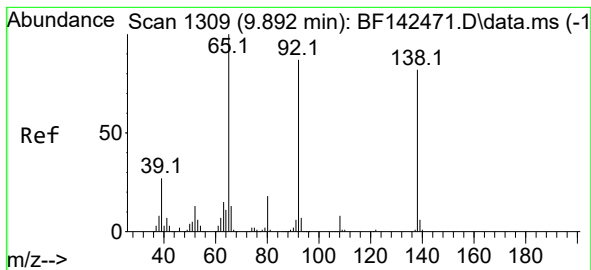
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#52
Acenaphthene
Concen: 47.284 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

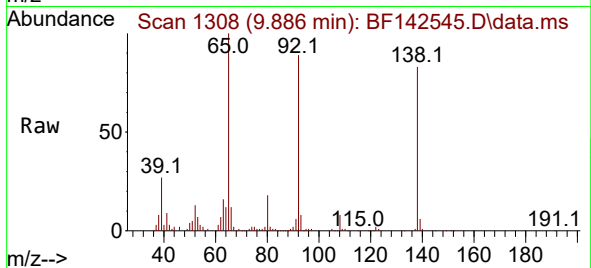
Tgt Ion:154 Resp: 525483
Ion Ratio Lower Upper
154 100
153 111.9 90.0 135.0
152 52.8 42.6 64.0





#53
3-Nitroaniline
Concen: 26.800 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

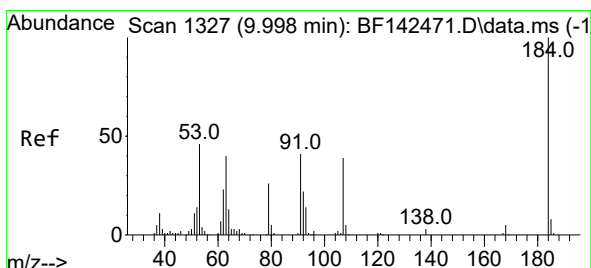
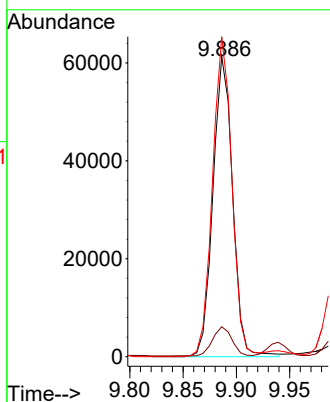
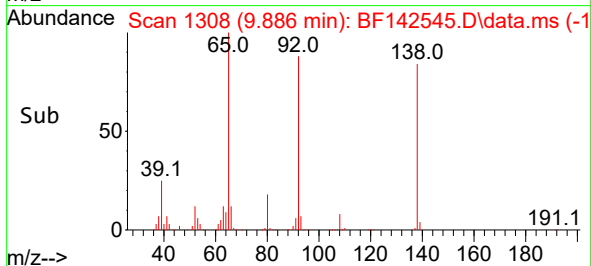
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion:138 Resp: 7838
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 106.6 85.2 127.8

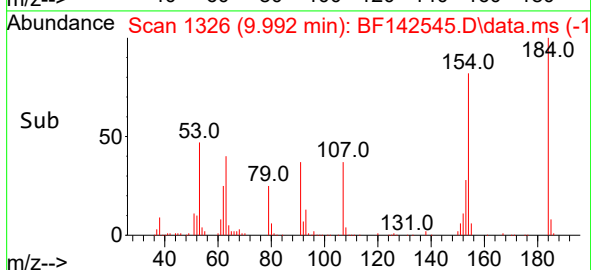
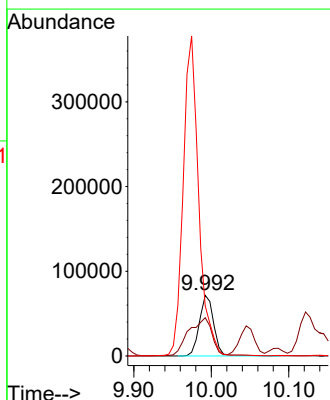
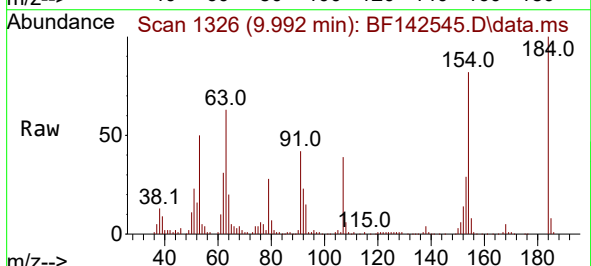
Manual Integrations
APPROVED

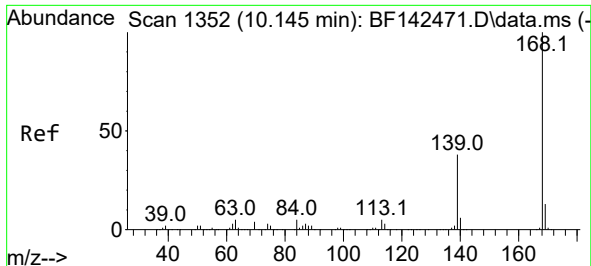
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#54
2,4-Dinitrophenol
Concen: 66.554 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

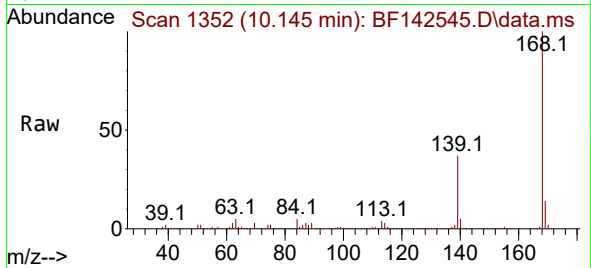
Tgt Ion:184 Resp: 92078
Ion Ratio Lower Upper
184 100
63 63.0 46.3 69.5
154 82.2 56.8 85.2





#55
Dibenzenofuran
Concen: 43.730 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

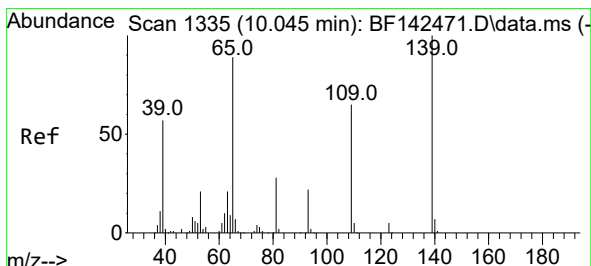
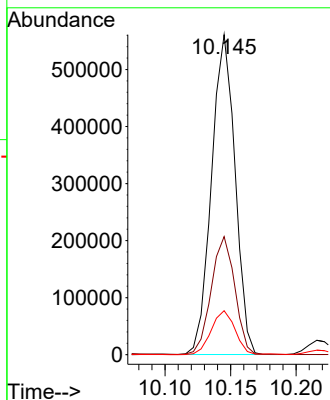
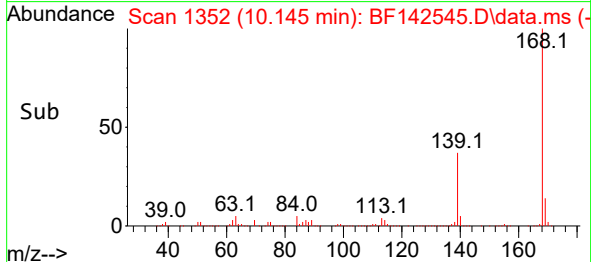
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion:168 Resp: 699345
Ion Ratio Lower Upper
168 100
139 36.9 30.2 45.2
169 13.8 10.7 16.1

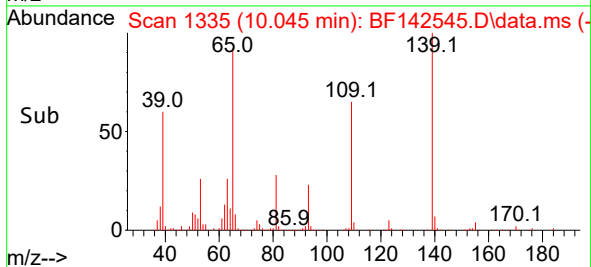
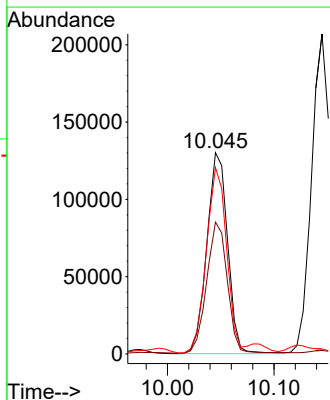
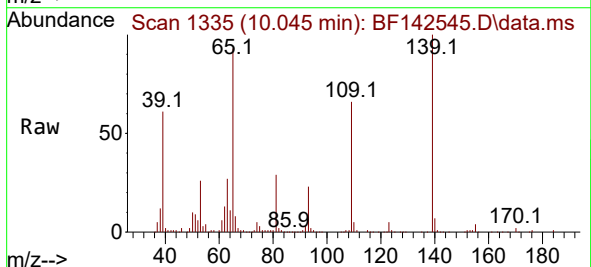
Manual Integrations
APPROVED

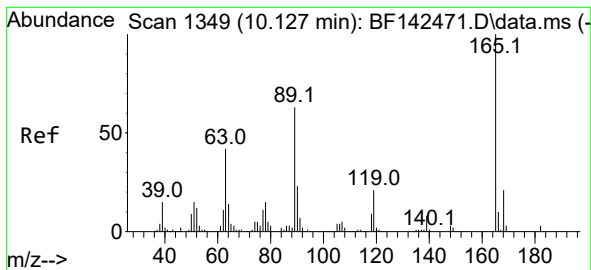
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#56
4-Nitrophenol
Concen: 81.490 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

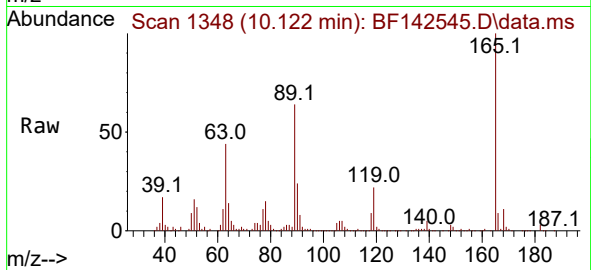
Tgt Ion:139 Resp: 175867
Ion Ratio Lower Upper
139 100
109 65.5 45.1 85.1
65 92.6 69.7 109.7





#57
2,4-Dinitrotoluene
Concen: 42.842 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

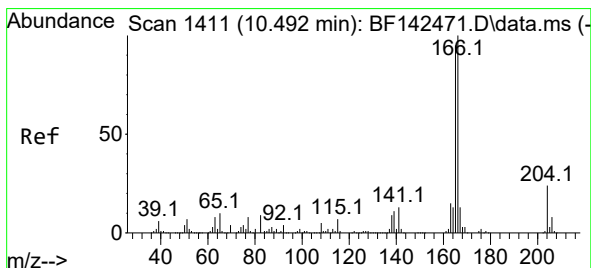
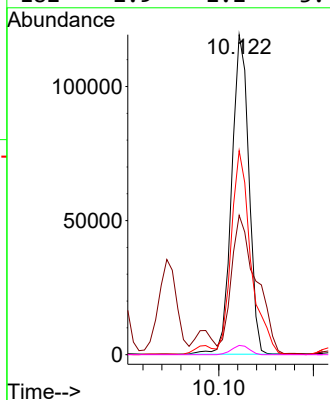
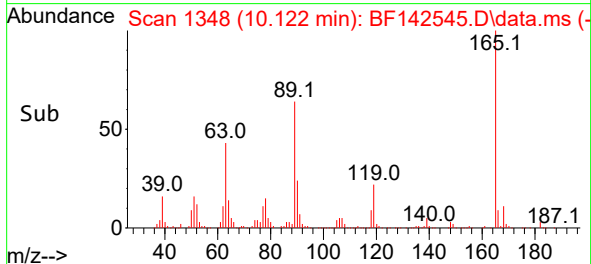
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



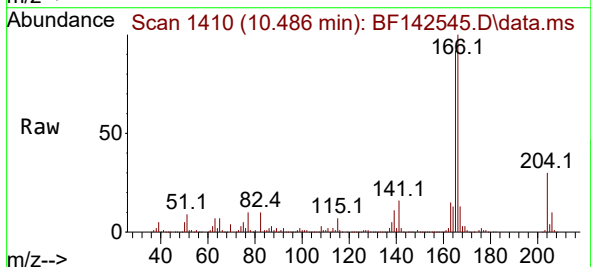
Tgt Ion:165 Resp: 149828
Ion Ratio Lower Upper
165 100
63 43.5 33.6 50.4
89 63.8 50.2 75.4
182 2.9 2.2 3.4

Manual Integrations
APPROVED

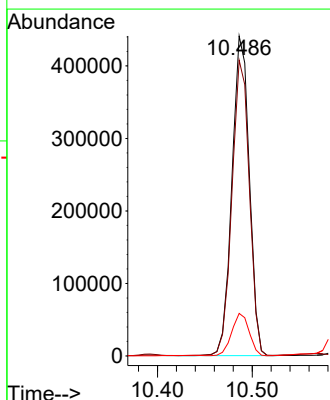
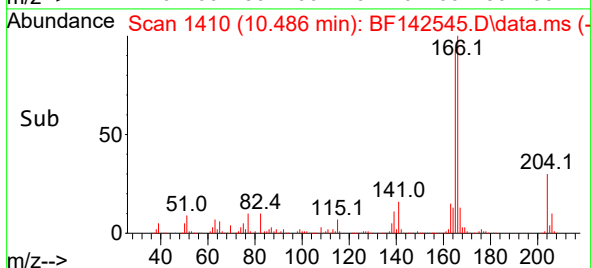
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

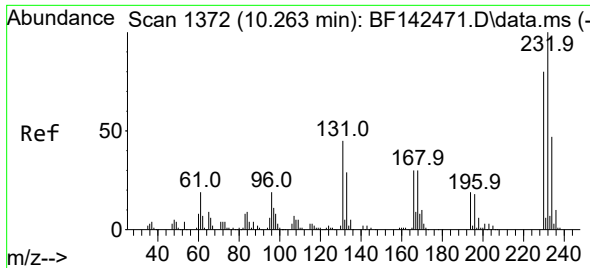


#58
Fluorene
Concen: 45.409 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



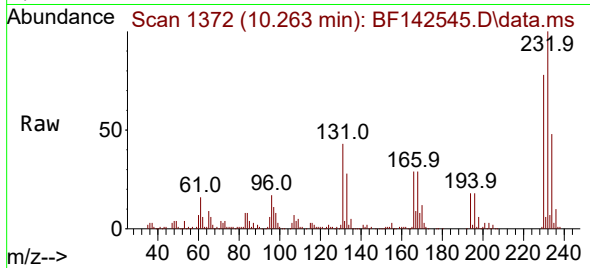
Tgt Ion:166 Resp: 561028
Ion Ratio Lower Upper
166 100
165 92.4 75.8 113.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.596 ng m
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

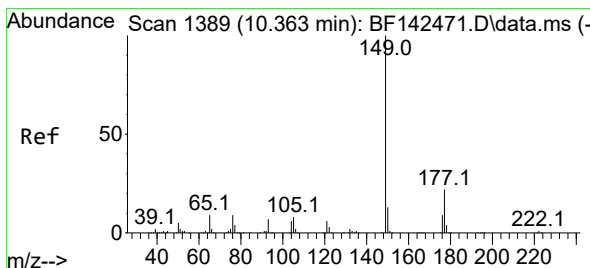
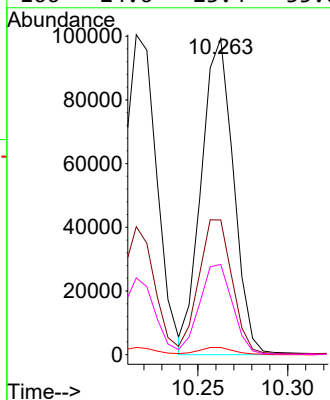
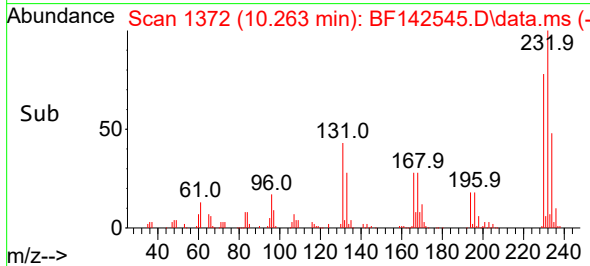
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



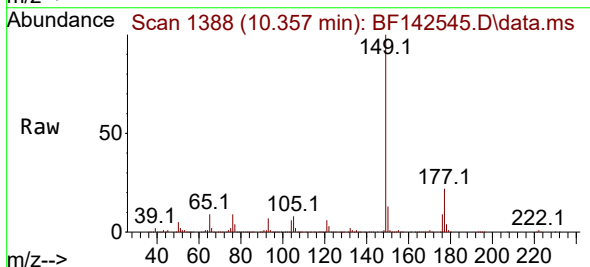
Tgt Ion:232 Resp: 123684
Ion Ratio Lower Upper
232 100
131 41.0 35.2 52.8
130 2.5 1.7 2.5
166 24.6 23.4 35.0

Manual Integrations
APPROVED

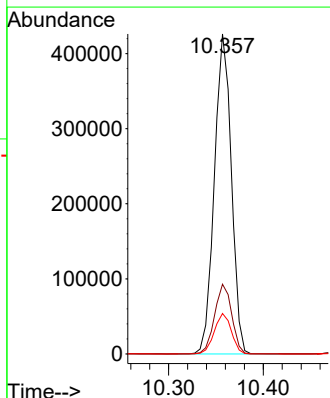
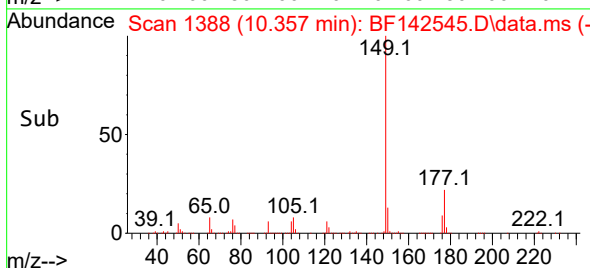
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

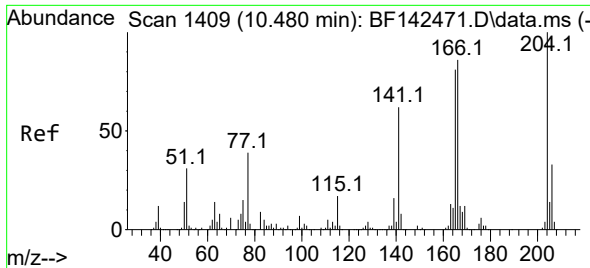


#60
Diethylphthalate
Concen: 43.781 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



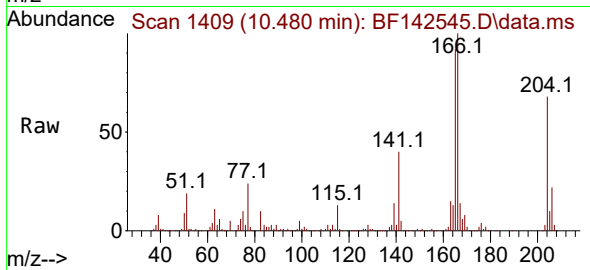
Tgt Ion:149 Resp: 530518
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.161 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

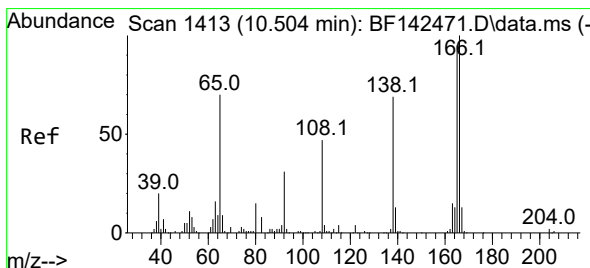
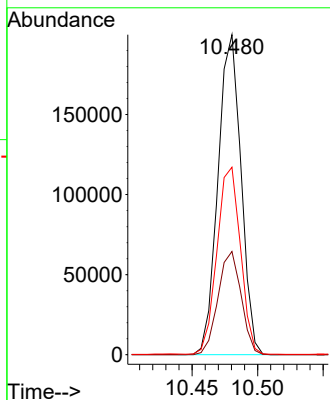
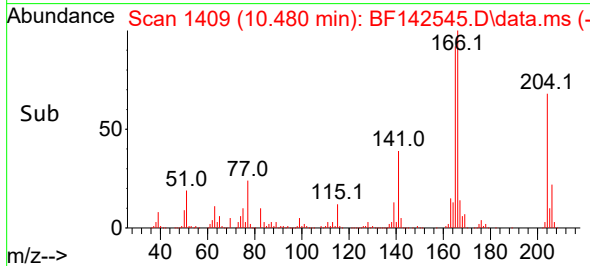
Instrument :
BNA_F
ClientSampleId :
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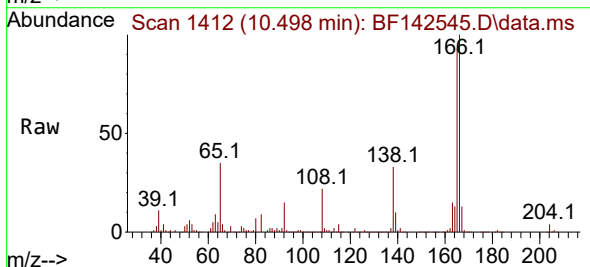
Tgt Ion:204 Resp: 243745
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 58.6 49.5 74.3

Manual Integrations
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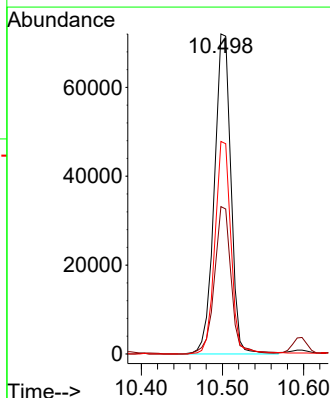
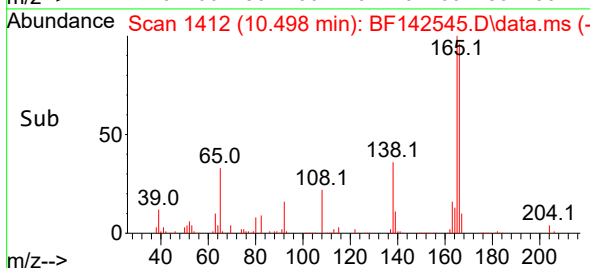
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

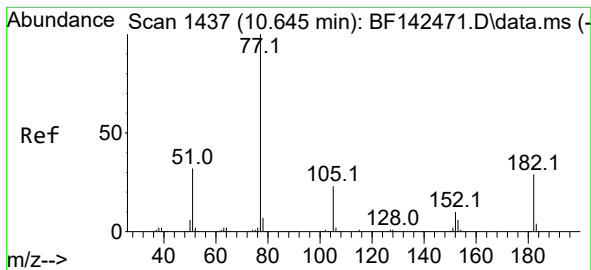


#62
4-Nitroaniline
Concen: 38.693 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



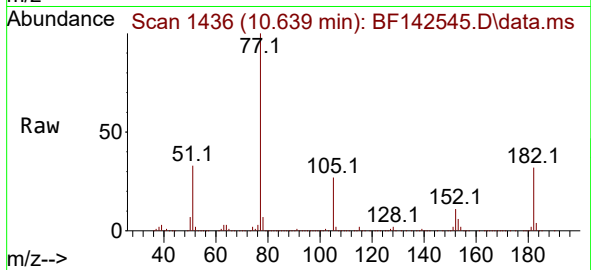
Tgt Ion:138 Resp: 102642
Ion Ratio Lower Upper
138 100
92 46.1 26.0 66.0
108 66.4 48.4 88.4





#63
Azobenzene
Concen: 43.319 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

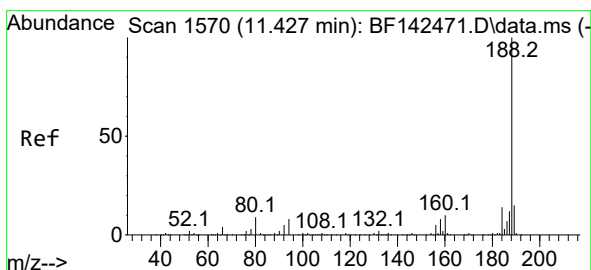
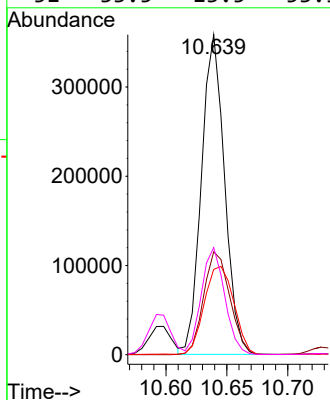
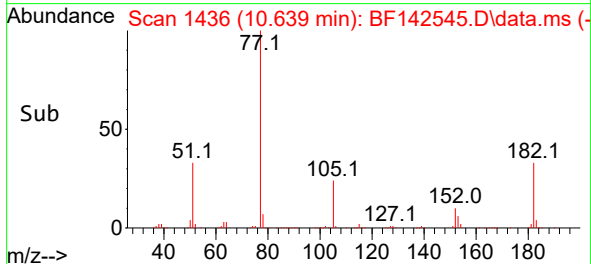
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



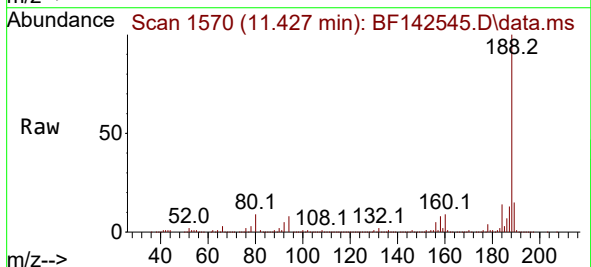
Tgt Ion: 77 Resp: 471470
Ion Ratio Lower Upper
77 100
182 32.2 9.0 49.0
105 26.6 2.4 42.4
51 33.5 13.5 53.5

Manual Integrations
APPROVED

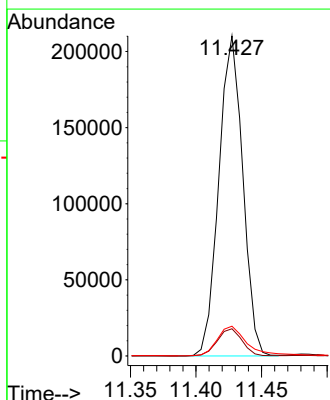
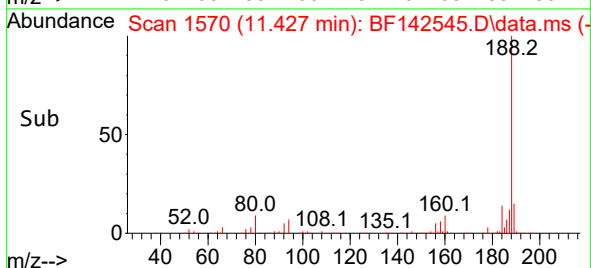
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

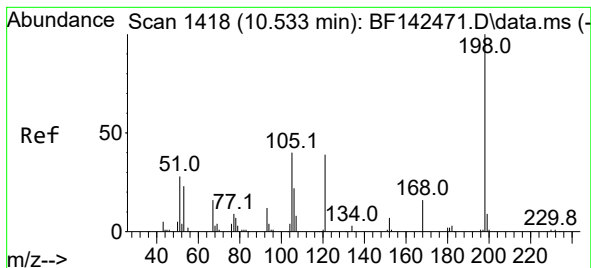


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



Tgt Ion:188 Resp: 266608
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 7.4 11.0





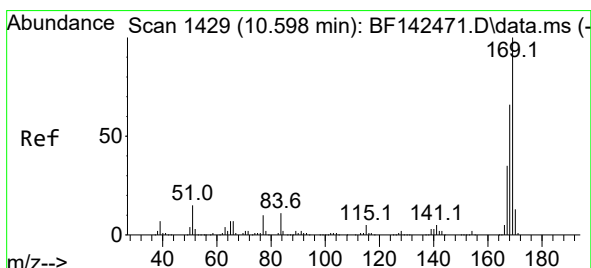
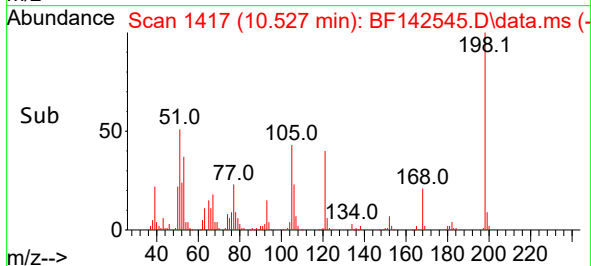
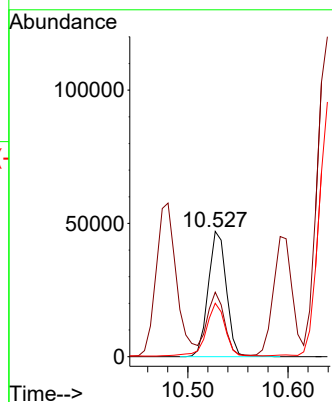
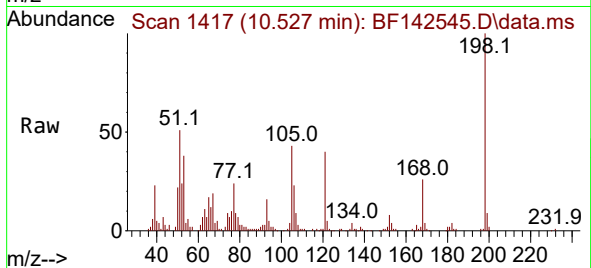
#65
4,6-Dinitro-2-methylphenol
Concen: 39.616 ng
RT: 10.527 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS

Tgt Ion:198 Resp: 5894
Ion Ratio Lower Upper
198 100
51 51.5 28.3 68.3
105 42.7 21.3 61.3

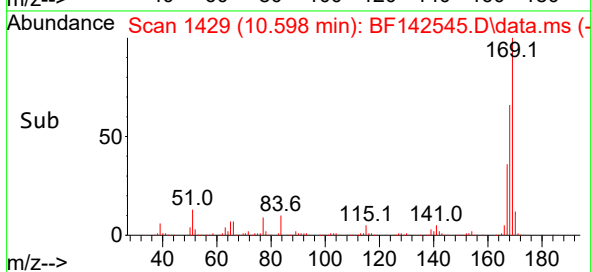
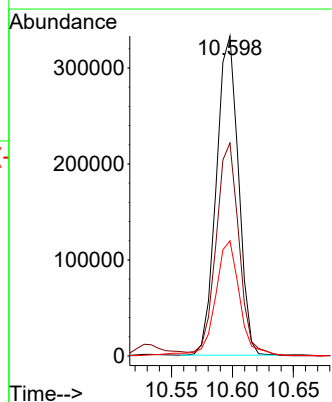
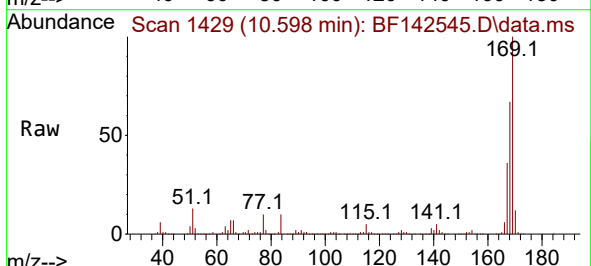
Manual Integrations
APPROVED

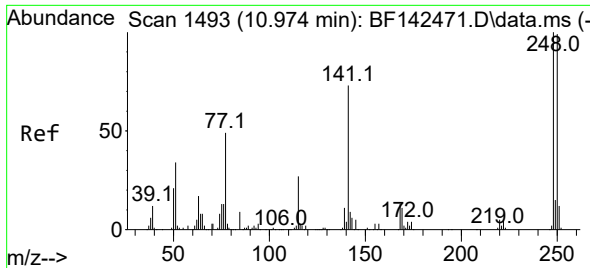
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#66
n-Nitrosodiphenylamine
Concen: 45.980 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

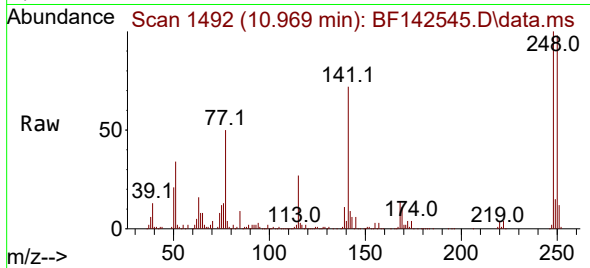
Tgt Ion:169 Resp: 419390
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 36.0 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 44.150 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

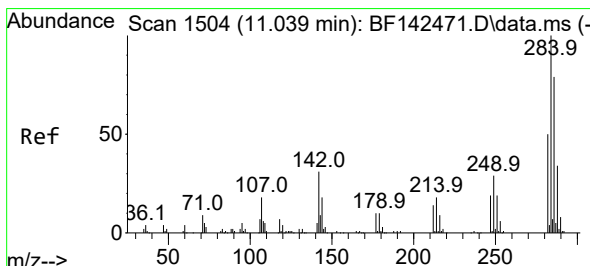
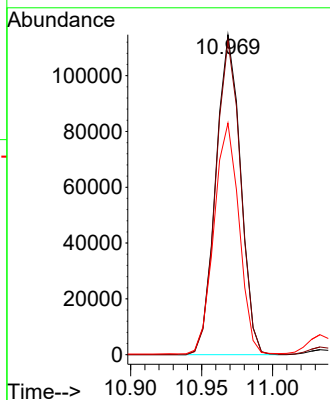
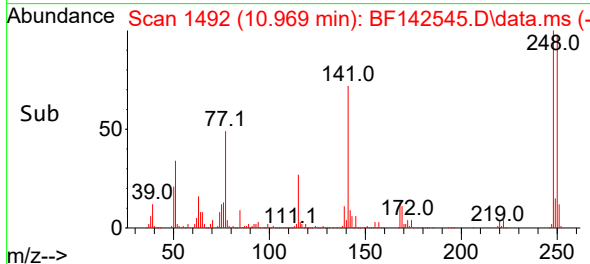
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



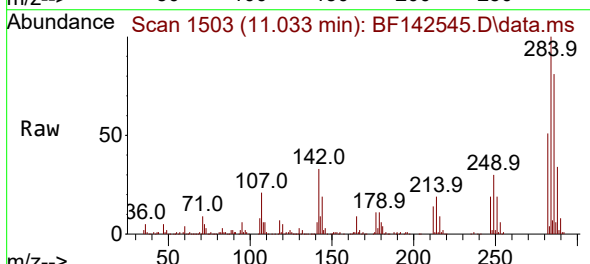
Tgt Ion:248 Resp: 139182
Ion Ratio Lower Upper
248 100
250 98.1 79.0 118.4
141 72.3 58.4 87.6

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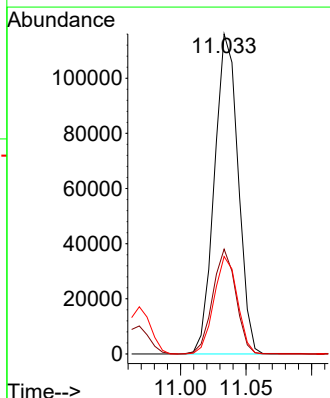
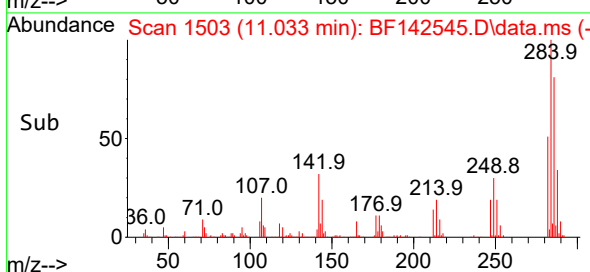
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

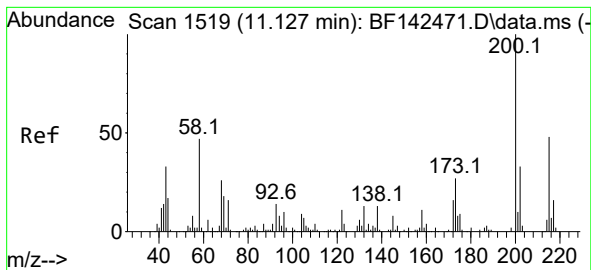


#68
Hexachlorobenzene
Concen: 41.746 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



Tgt Ion:284 Resp: 145556
Ion Ratio Lower Upper
284 100
142 32.7 24.8 37.2
249 30.5 23.6 35.4





#69

Atrazine

Concen: 52.063 ng

RT: 11.121 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

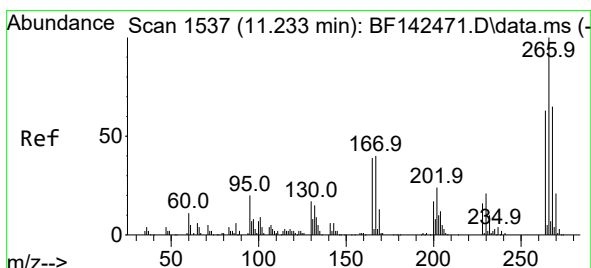
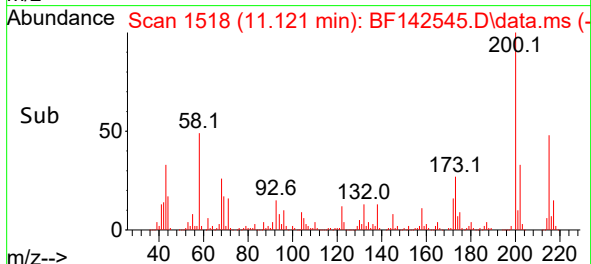
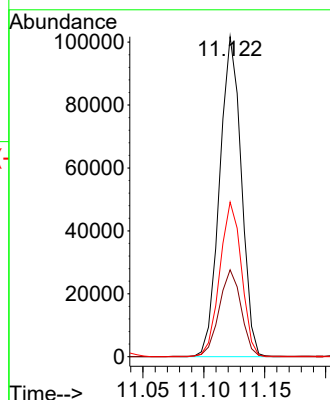
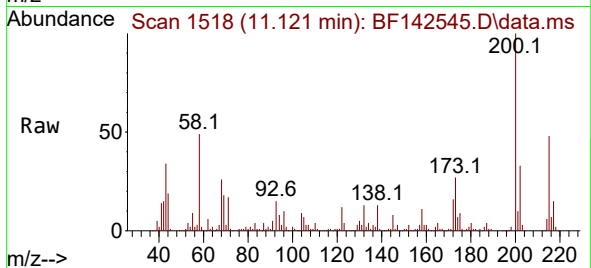
Tgt Ion:200 Resp: 126115
 Ion Ratio Lower Upper
 200 100
 173 27.1 7.4 47.4
 215 48.3 28.5 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#70

Pentachlorophenol

Concen: 89.559 ng

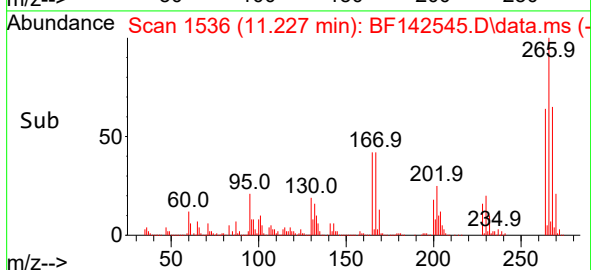
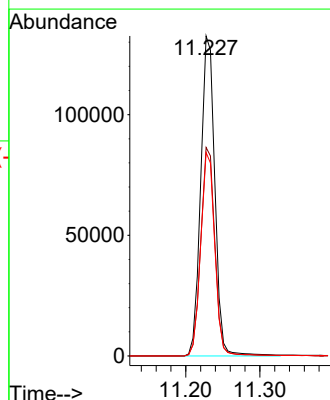
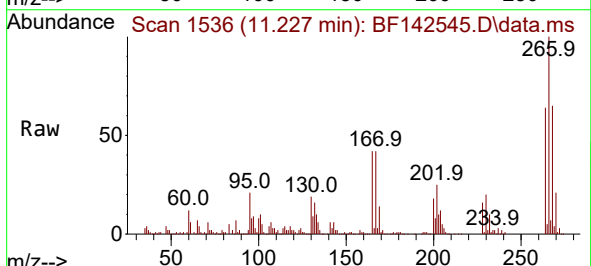
RT: 11.227 min Scan# 1536

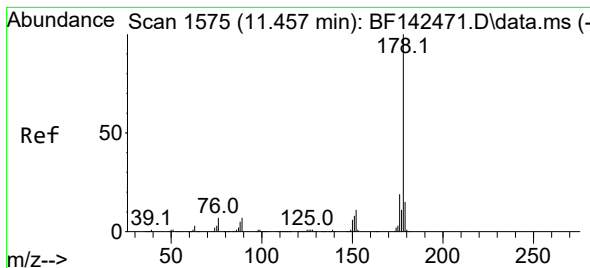
Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Tgt Ion:266 Resp: 176299
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.7 77.5
 264 63.6 50.4 75.6





#71

Phenanthrene

Concen: 62.944 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

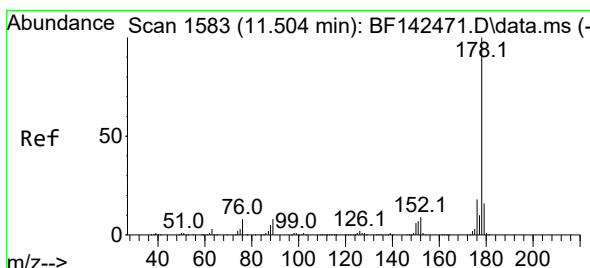
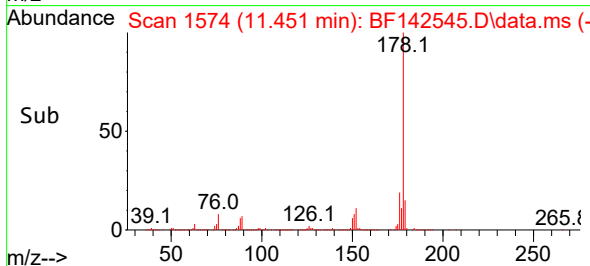
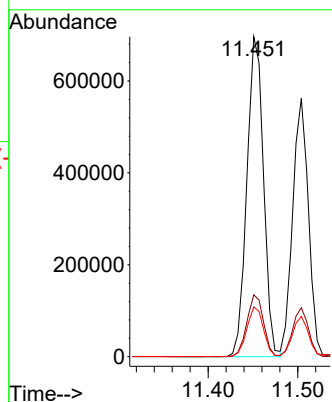
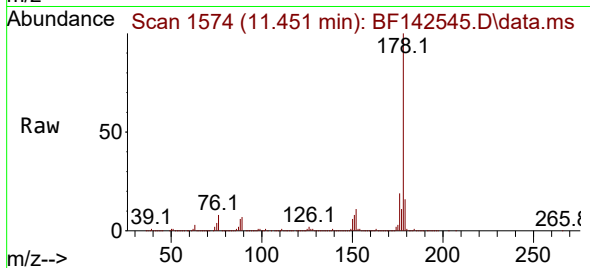
Tgt Ion:178 Resp: 896834
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.6 12.3 18.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#72

Anthracene

Concen: 47.268 ng

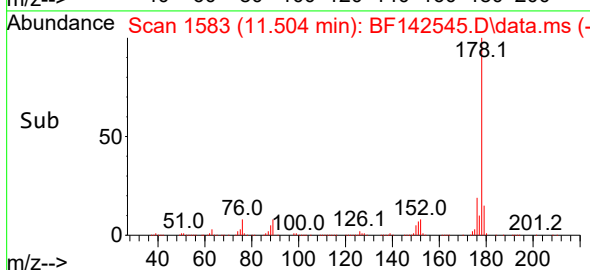
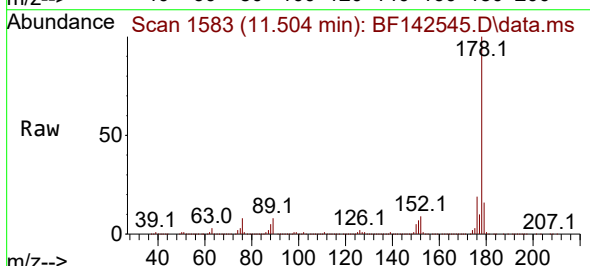
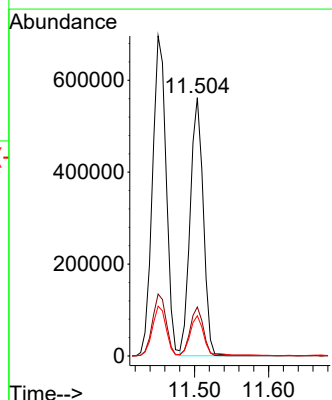
RT: 11.504 min Scan# 1583

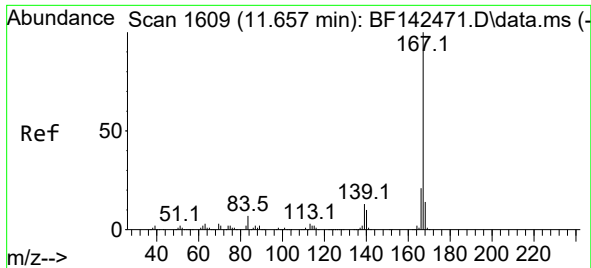
Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

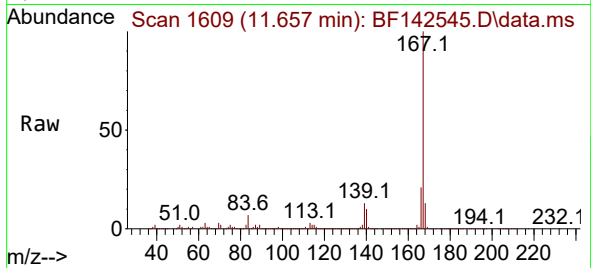
Tgt Ion:178 Resp: 687330
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.6 21.8
 179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 48.604 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56

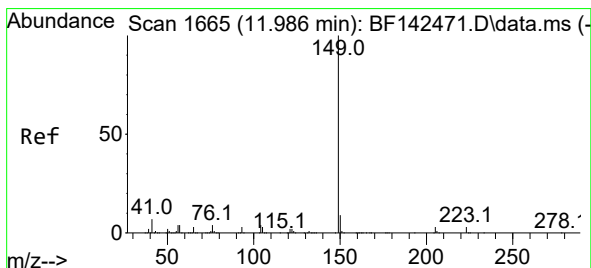
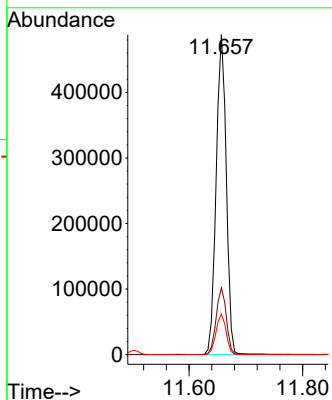
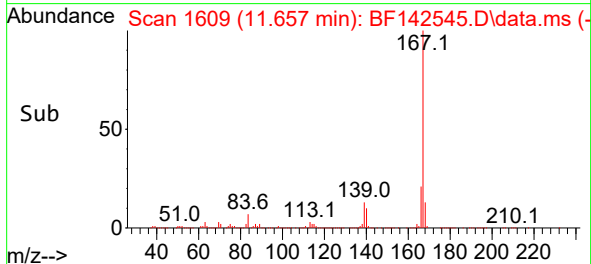
Instrument :
 BNA_F
 ClientSampleId :
 TP-02-MHFMS



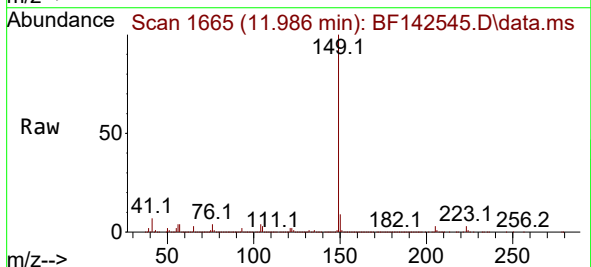
Tgt Ion:167 Resp: 60421
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.9 25.3
 139 12.7 10.2 15.4

Manual Integrations
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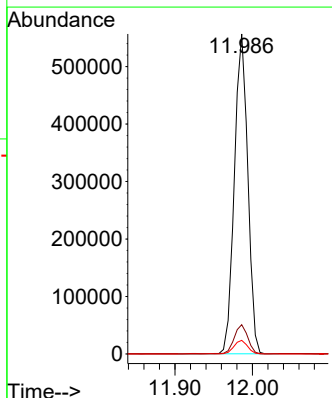
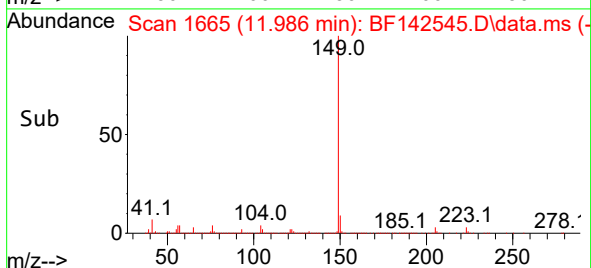
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

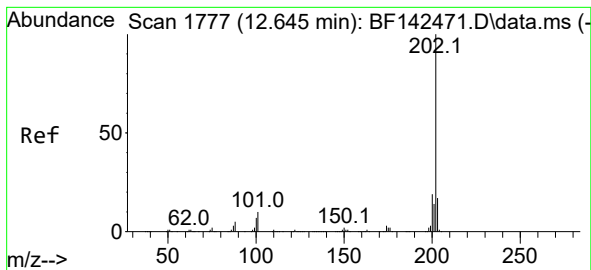


#74
 Di-n-butylphthalate
 Concen: 49.277 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56



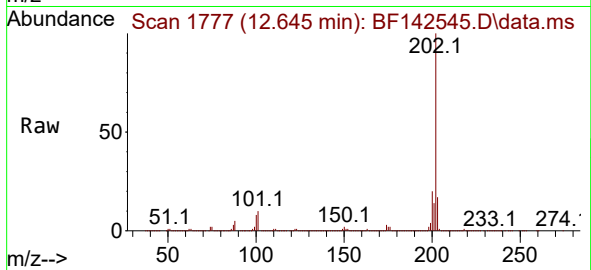
Tgt Ion:149 Resp: 670523
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 72.199 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

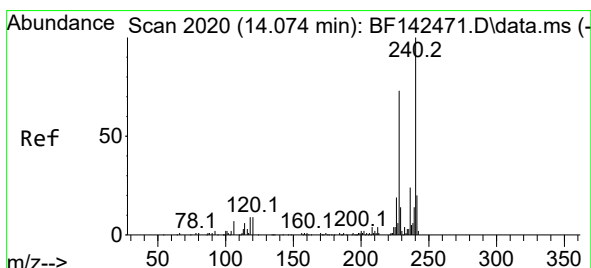
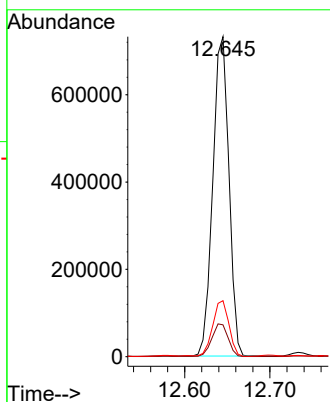
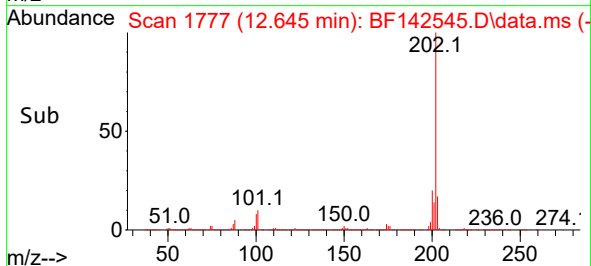
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



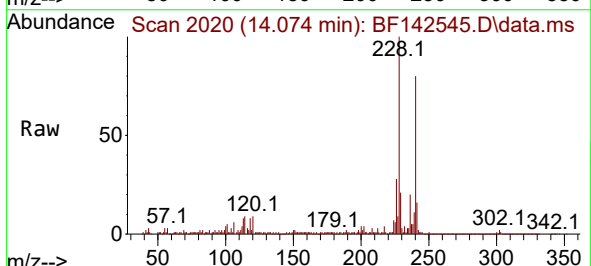
Tgt Ion:202 Resp: 96121
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.6
203 17.5 0.0 37.2

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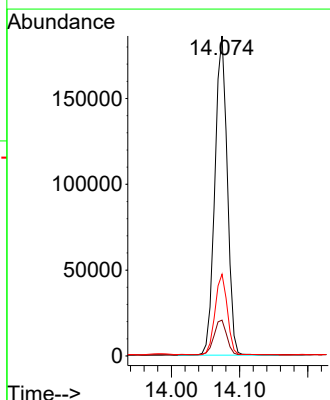
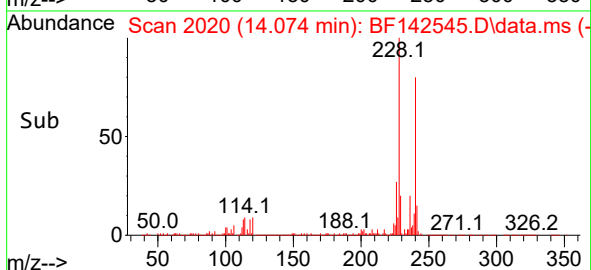
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

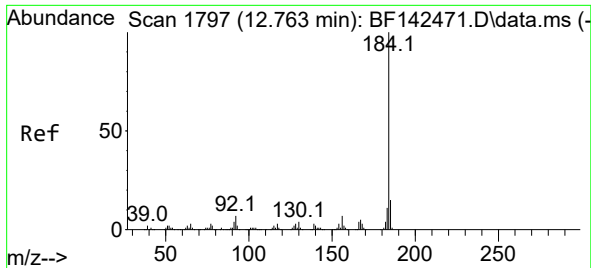


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



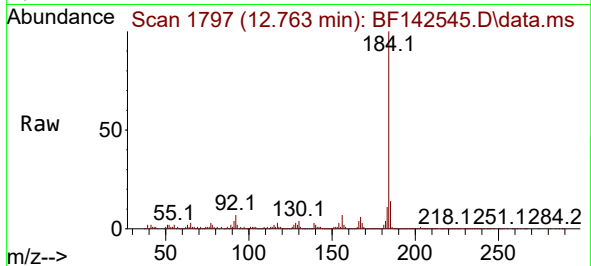
Tgt Ion:240 Resp: 235229
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 25.5 19.6 29.4





#77
Benzidine
Concen: 38.345 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

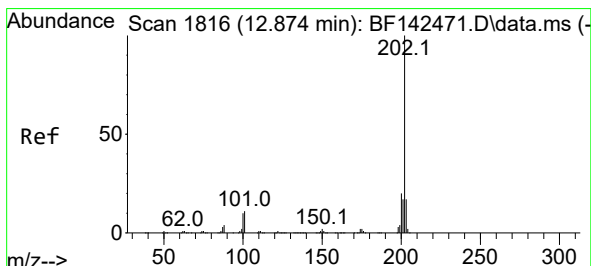
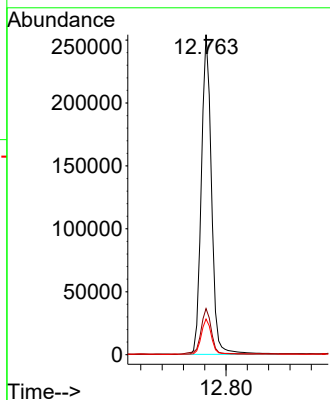
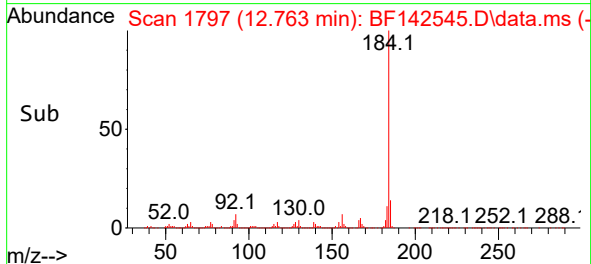
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion:184 Resp: 335658
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.2 9.0 13.4

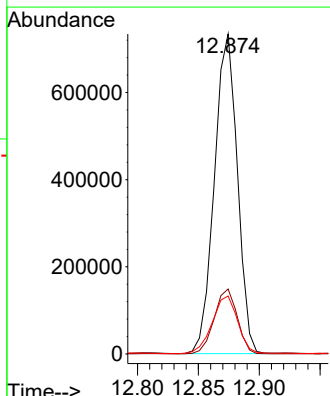
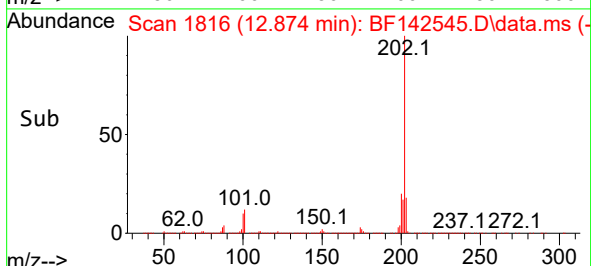
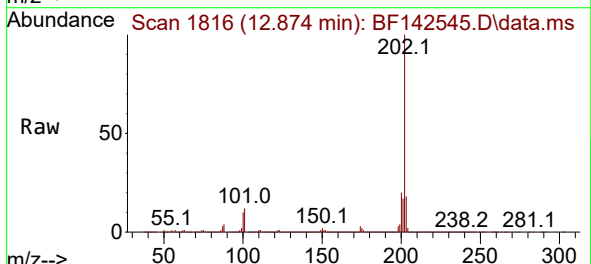
Manual Integrations
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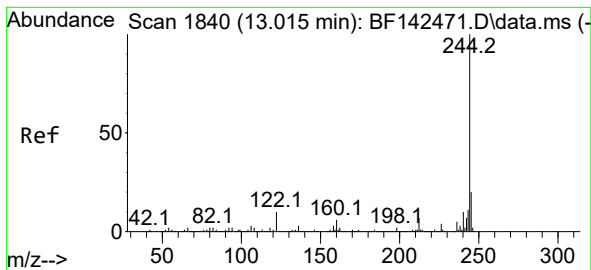
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#78
Pyrene
Concen: 43.978 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

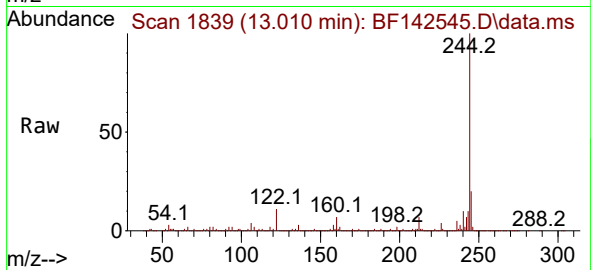
Tgt Ion:202 Resp: 965034
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 18.1 13.9 20.9





#79
 Terphenyl-d14
 Concen: 42.655 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56

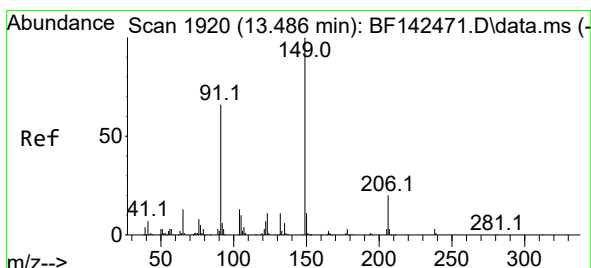
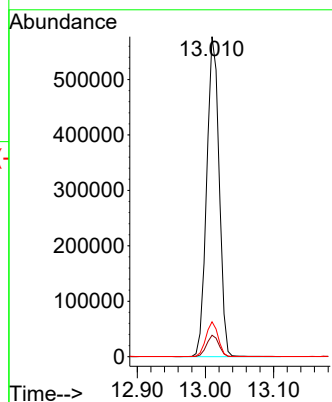
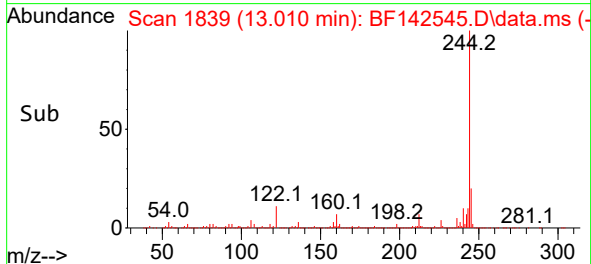
Instrument :
 BNA_F
 ClientSampleId :
 TP-02-MHFMS



Tgt Ion:244 Resp: 73423
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.9 8.2 12.2

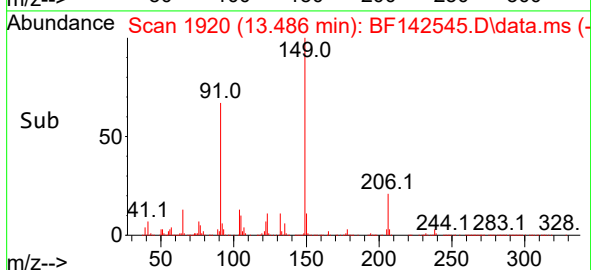
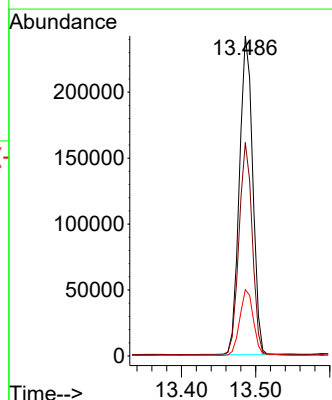
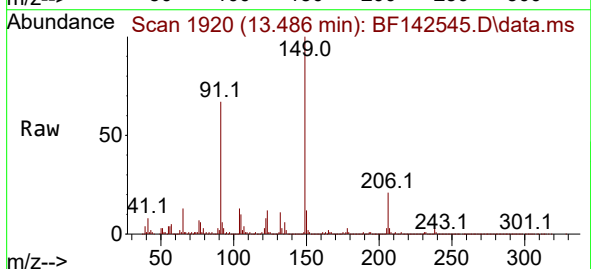
Manual Integrations
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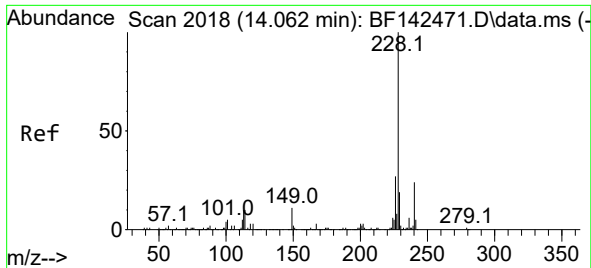
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025



#80
 Butylbenzylphthalate
 Concen: 49.757 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142545.D
 Acq: 23 May 2025 19:56

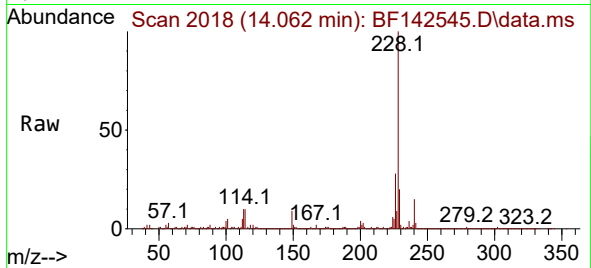
Tgt Ion:149 Resp: 301694
 Ion Ratio Lower Upper
 149 100
 91 66.7 52.9 79.3
 206 20.7 16.2 24.2





#81
Benzo(a)anthracene
Concen: 51.844 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

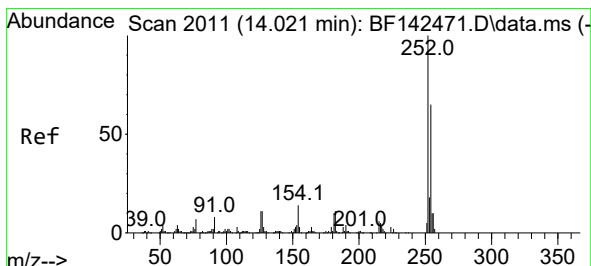
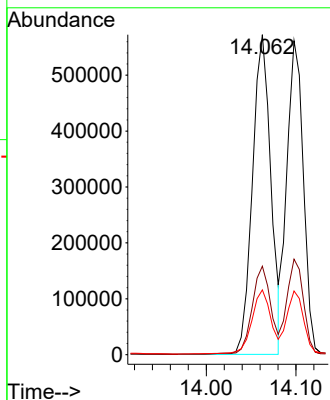
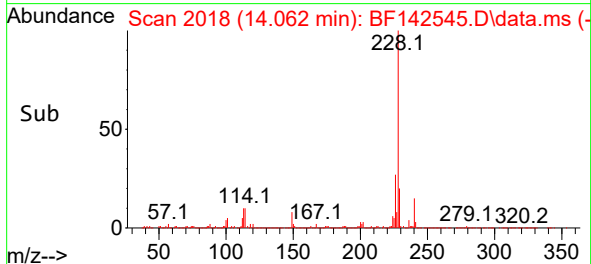
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion:228 Resp: 814334
Ion Ratio Lower Upper
228 100
226 27.6 21.2 31.8
229 20.2 15.5 23.3

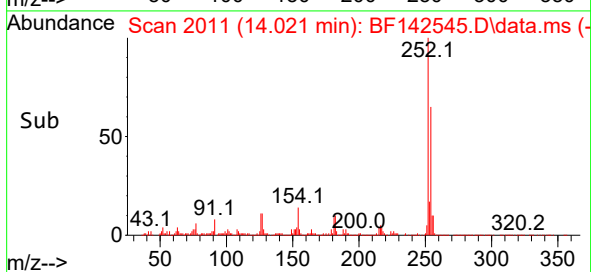
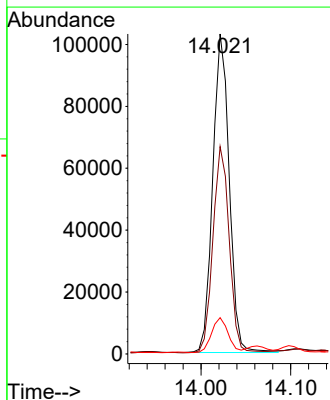
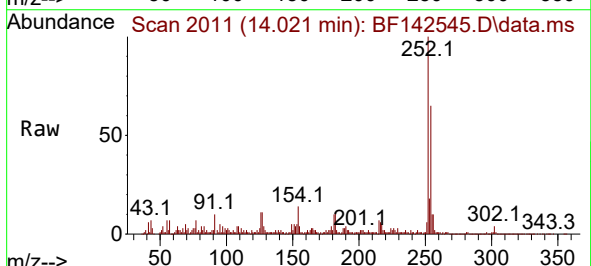
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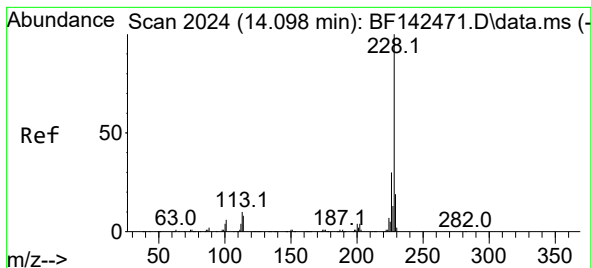
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#82
3,3'-Dichlorobenzidine
Concen: 27.572 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:252 Resp: 131357
Ion Ratio Lower Upper
252 100
254 64.8 52.0 78.0
126 11.4 8.9 13.3





#83

Chrysene

Concen: 50.658 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

Tgt Ion:228 Resp: 714989

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

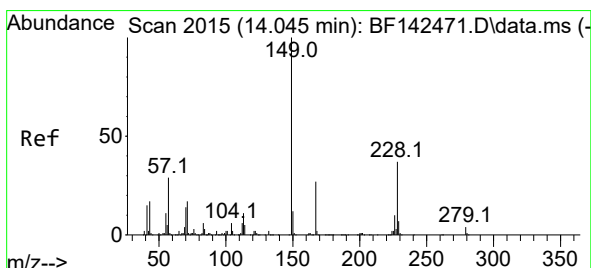
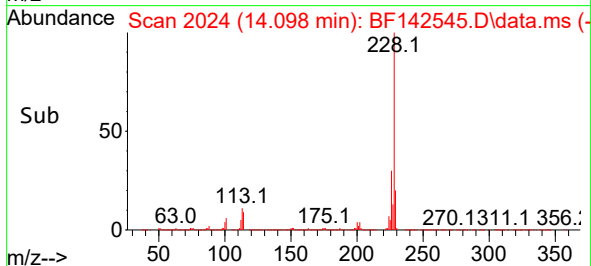
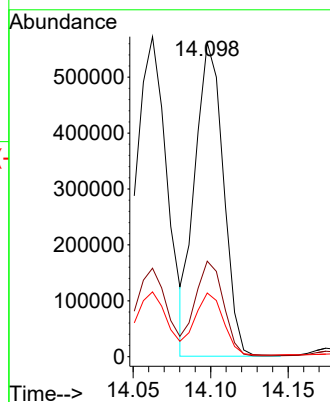
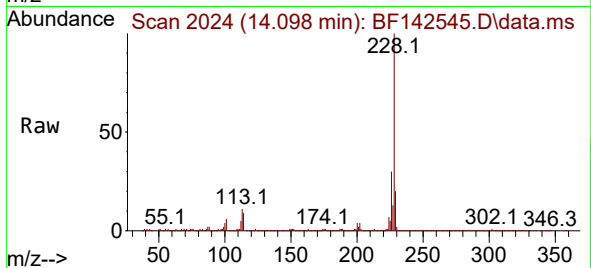
229 20.3 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.589 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

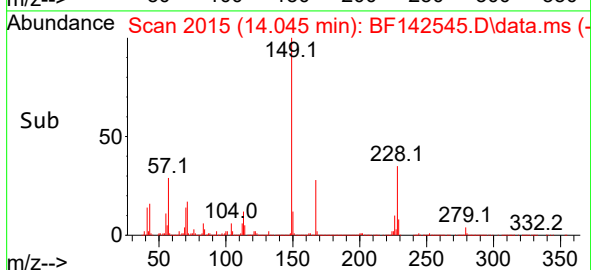
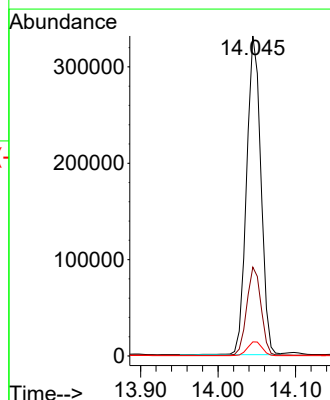
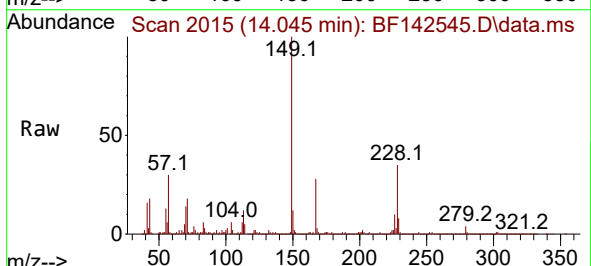
Tgt Ion:149 Resp: 423721

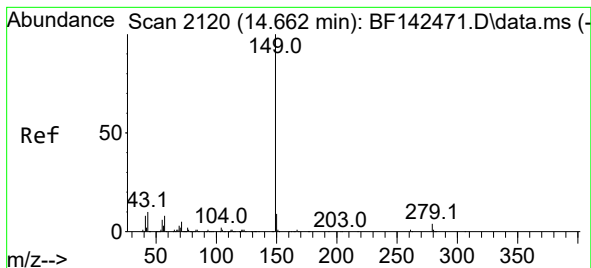
Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

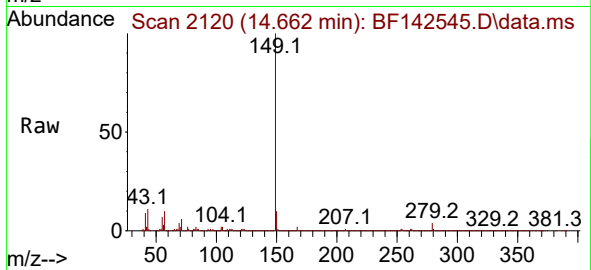
279 4.4 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 48.429 ng
RT: 14.662 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

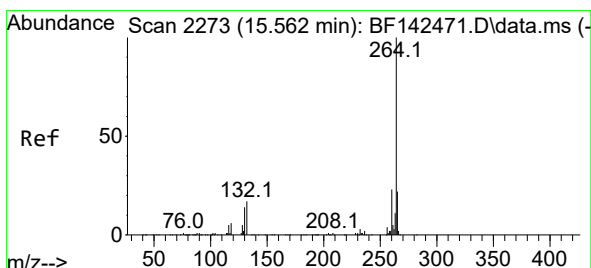
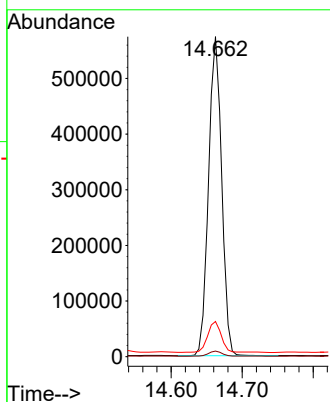
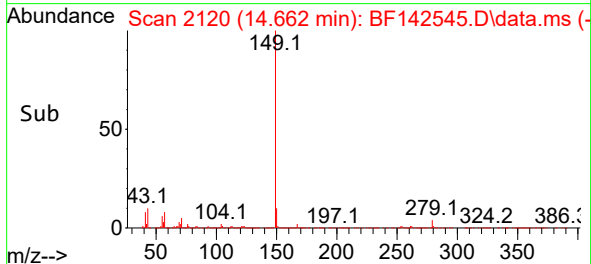
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



Tgt Ion:149 Resp: 735008
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 7.9 11.9

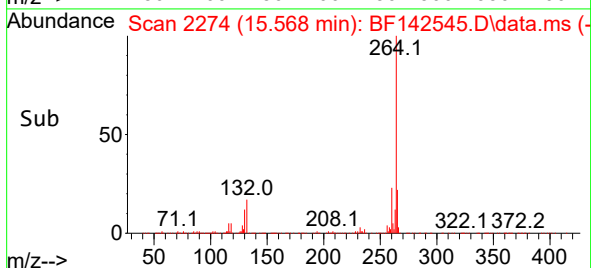
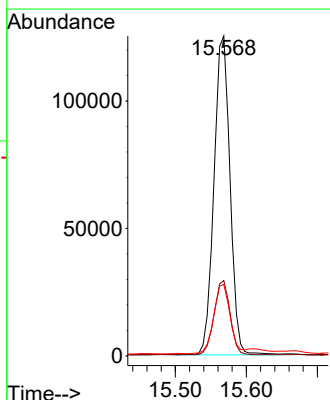
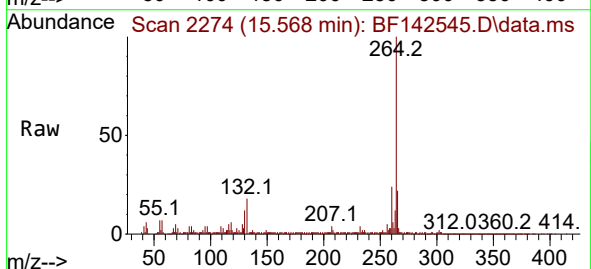
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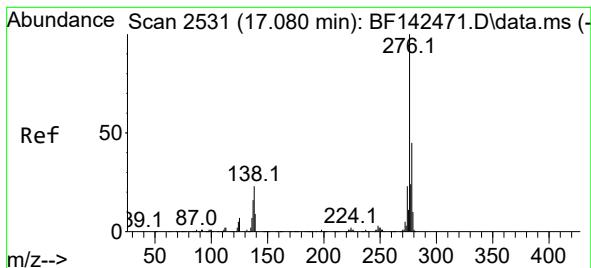
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

Tgt Ion:264 Resp: 195239
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.283 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

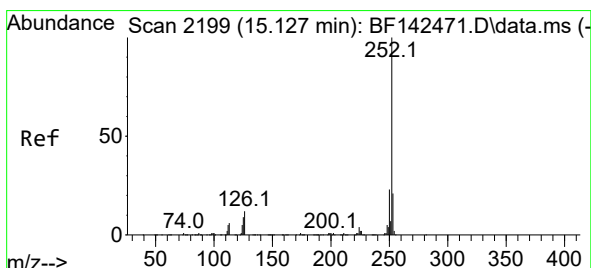
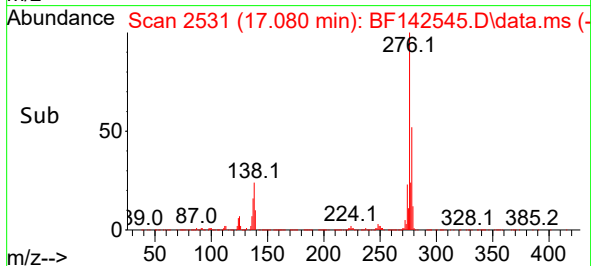
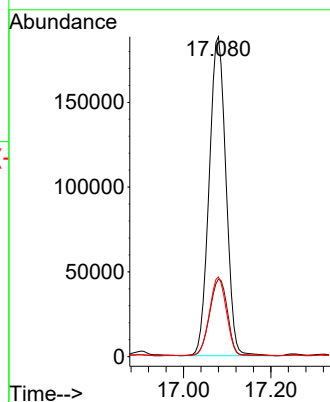
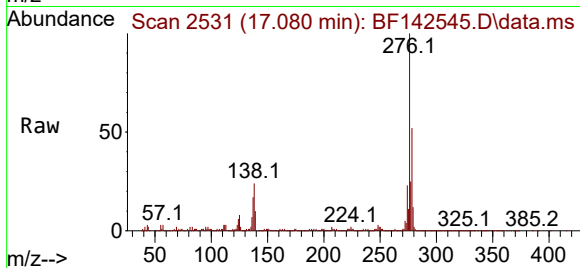
Tgt Ion:276 Resp: 502492
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.9 29.9
 277 24.8 20.2 30.2

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#88

Benzo(b)fluoranthene

Concen: 62.942 ng

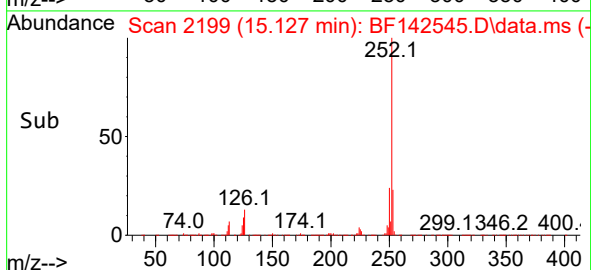
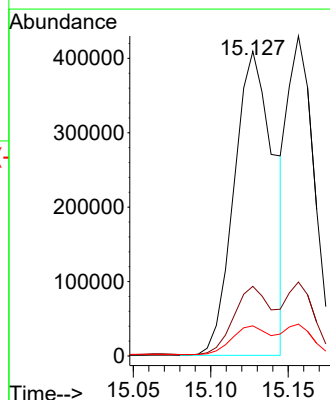
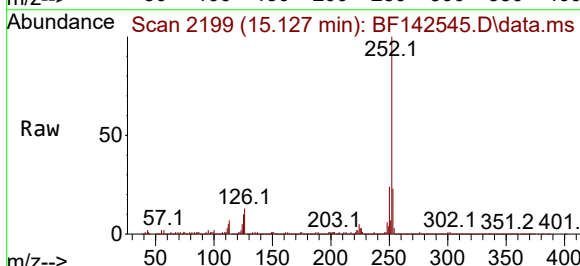
RT: 15.127 min Scan# 2199

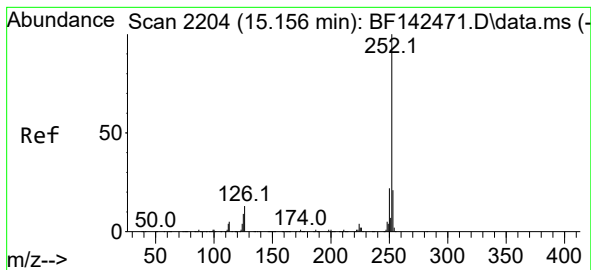
Delta R.T. 0.000 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Tgt Ion:252 Resp: 727300
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.0 25.4
 125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 46.744 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMS

Tgt Ion:252 Resp: 505895

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

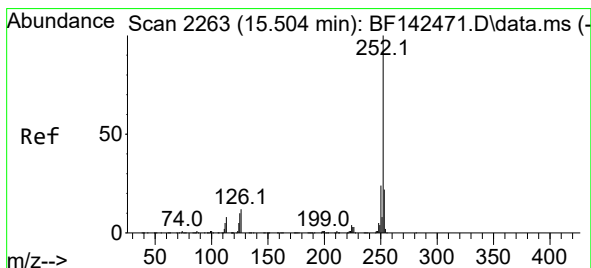
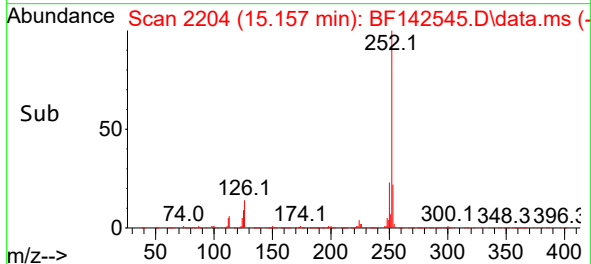
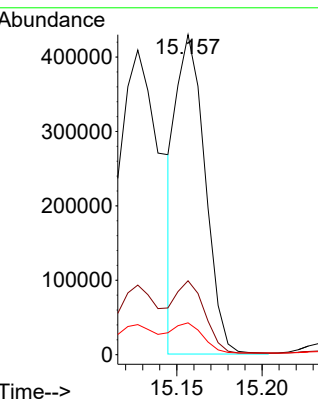
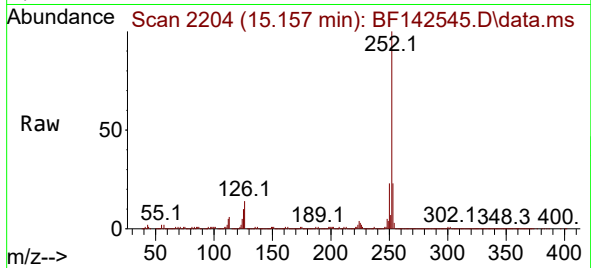
125 9.9 7.3 10.9

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#90

Benzo(a)pyrene

Concen: 52.236 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142545.D

Acq: 23 May 2025 19:56

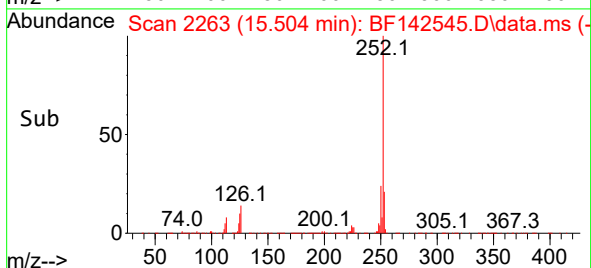
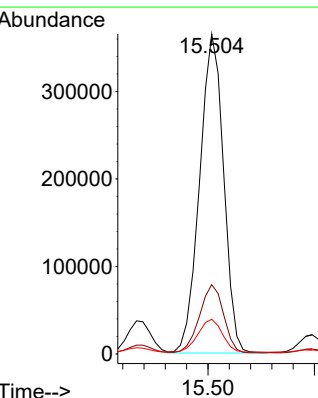
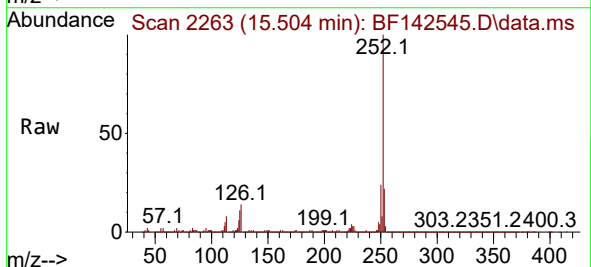
Tgt Ion:252 Resp: 568945

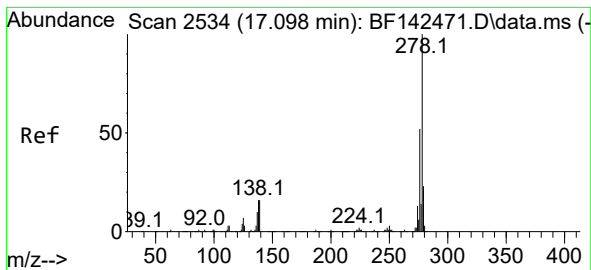
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

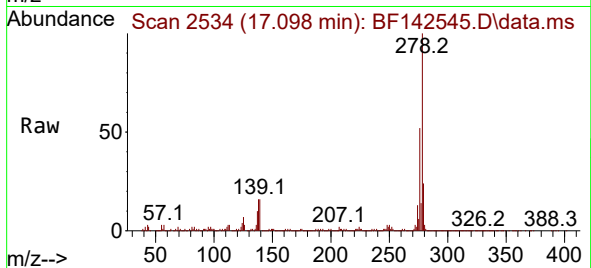
125 10.8 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 32.962 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56

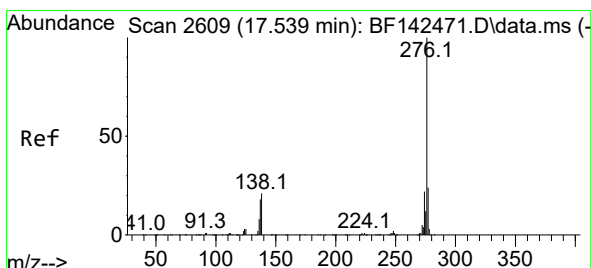
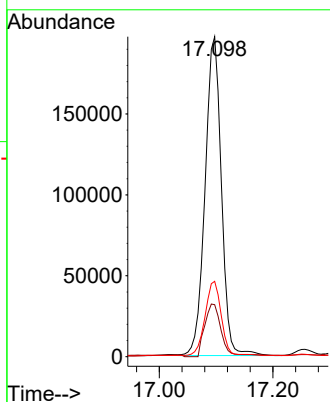
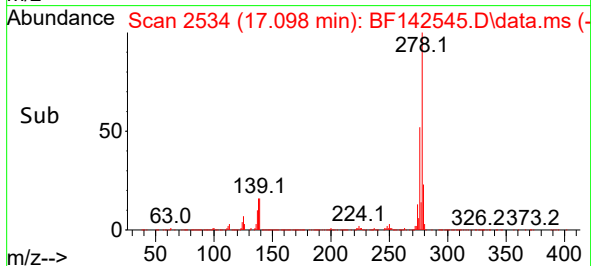
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMS



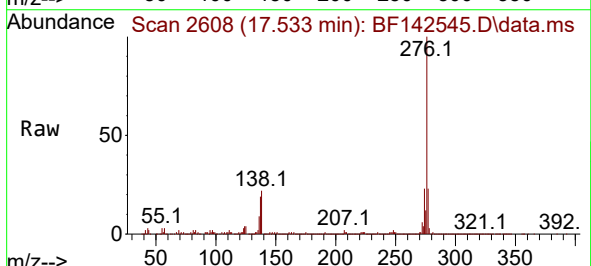
Tgt Ion:278 Resp: 39184
Ion Ratio Lower Upper
278 100
139 16.3 12.8 19.2
279 23.5 18.6 28.0

Manual Integrations
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Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#92
Benzo(g,h,i)perylene
Concen: 33.460 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142545.D
Acq: 23 May 2025 19:56



Tgt Ion:276 Resp: 397853
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 22.4 16.8 25.2

