

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142532.D
 Acq On : 23 May 2025 13:41
 Operator : RC/JU
 Sample : Q2100-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-45MSD

Quant Time: May 23 14:03:57 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	123385	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	475116	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	248986	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	400587	20.000	ng	0.00
76) Chrysene-d12	14.069	240	218790	20.000	ng	0.00
86) Perylene-d12	15.563	264	251763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	708116	96.689	ng	0.00
7) Phenol-d6	6.528	99	886372	100.543	ng	0.00
23) Nitrobenzene-d5	7.463	82	530308	60.863	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	284392	102.913	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1082706	58.350	ng	-0.01
79) Terphenyl-d14	13.010	244	893011	55.777	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	102756	35.063	ng	100
3) Pyridine	3.487	79	287109	38.471	ng	99
4) n-Nitrosodimethylamine	3.446	42	167586	43.249	ng	95
6) Aniline	6.563	93	419201	35.364	ng	99
8) 2-Chlorophenol	6.681	128	342990	42.997	ng	99
9) Benzaldehyde	6.445	77	205139	38.688	ng	98
10) Phenol	6.540	94	421422	42.483	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	307573	43.074	ng	99
12) 1,3-Dichlorobenzene	6.840	146	365246	41.034	ng	99
13) 1,4-Dichlorobenzene	6.916	146	371141	41.393	ng	99
14) 1,2-Dichlorobenzene	7.069	146	359213	41.869	ng	98
15) Benzyl Alcohol	7.040	79	278685	42.776	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	510625	42.582	ng	99
17) 2-Methylphenol	7.145	107	266603	42.807	ng	99
18) Hexachloroethane	7.410	117	131150	41.890	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	224239	41.042	ng	100
20) 3+4-Methylphenols	7.298	107	327995	41.125	ng	92
22) Acetophenone	7.304	105	441349	41.963	ng	95
24) Nitrobenzene	7.481	77	333991	42.501	ng	99
25) Isophorone	7.722	82	608440	41.766	ng	98
26) 2-Nitrophenol	7.798	139	187195	44.580	ng	96
27) 2,4-Dimethylphenol	7.834	122	316993	42.808	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	381200	41.889	ng	99
29) 2,4-Dichlorophenol	8.039	162	287241	42.653	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	305557	41.808	ng	99
31) Naphthalene	8.204	128	983702	42.049	ng	100
32) Benzoic acid	7.951	122	220689	48.959	ng	97
33) 4-Chloroaniline	8.251	127	161439	17.030	ng	97
34) Hexachlorobutadiene	8.322	225	188941	41.403	ng	98
35) Caprolactam	8.622	113	88842m	46.972	ng	
36) 4-Chloro-3-methylphenol	8.728	107	293420	42.515	ng	100
37) 2-Methylnaphthalene	8.892	142	597956	40.628	ng	99
38) 1-Methylnaphthalene	8.992	142	629327	41.338	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	306573	42.893	ng	99
41) Hexachlorocyclopentadiene	9.051	237	411222	85.289	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	212894	44.173	ng	99

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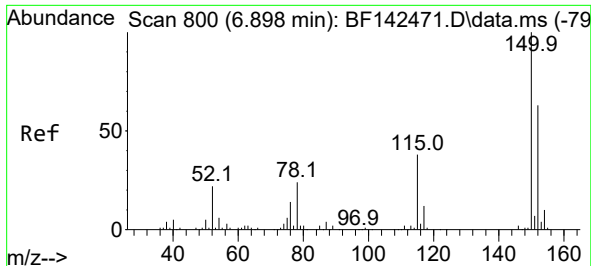
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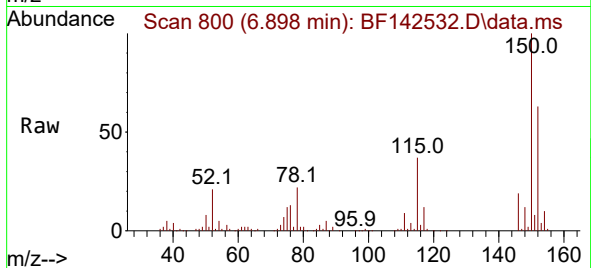
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	217153	42.722	ng	99
46) 1,1'-Biphenyl	9.357	154	818491	42.372	ng	100
47) 2-Chloronaphthalene	9.386	162	611229	42.827	ng	99
48) 2-Nitroaniline	9.481	65	178729	43.326	ng	97
49) Acenaphthylene	9.804	152	1011442	41.970	ng	99
50) Dimethylphthalate	9.663	163	702884	42.783	ng	100
51) 2,6-Dinitrotoluene	9.722	165	154865	43.675	ng	99
52) Acenaphthene	9.975	154	682029	46.347	ng	99
53) 3-Nitroaniline	9.886	138	95079	24.550	ng	99
54) 2,4-Dinitrophenol	9.998	184	189908	103.665	ng	92
55) Dibenzofuran	10.145	168	883252	41.710	ng	99
56) 4-Nitrophenol	10.051	139	255242	89.319	ng	100
57) 2,4-Dinitrotoluene	10.128	165	208376	44.998	ng	98
58) Fluorene	10.486	166	686117	41.940	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	184473	43.474	ng	99
60) Diethylphthalate	10.363	149	685883	42.747	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	333266	41.469	ng	97
62) 4-Nitroaniline	10.504	138	154852	44.085	ng	98
63) Azobenzene	10.639	77	676743	46.958	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	116634	52.172	ng	99
66) n-Nitrosodiphenylamine	10.598	169	599635	43.753	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	206212	43.535	ng	99
68) Hexachlorobenzene	11.039	284	228199	43.559	ng	98
69) Atrazine	11.122	200	174427	47.924	ng	99
70) Pentachlorophenol	11.233	266	269625	91.158	ng	100
71) Phenanthrene	11.451	178	921600	43.049	ng	99
72) Anthracene	11.504	178	948760	43.424	ng	100
73) Carbazole	11.657	167	822959	44.060	ng	100
74) Di-n-butylphthalate	11.986	149	955418	46.731	ng	100
75) Fluoranthene	12.639	202	870987	43.541	ng	98
77) Benzidine	12.763	184	377613	46.379	ng	98
78) Pyrene	12.869	202	848467	41.571	ng	100
80) Butylbenzylphthalate	13.486	149	293638	52.067	ng	99
81) Benzo(a)anthracene	14.057	228	627185	42.929	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	142487	32.155	ng	99
83) Chrysene	14.098	228	588371	44.819	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	373256	51.701	ng	99
85) Di-n-octyl phthalate	14.663	149	627635	44.461	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	812672	42.997	ng	99
88) Benzo(b)fluoranthene	15.121	252	687661	46.150	ng	99
89) Benzo(k)fluoranthene	15.151	252	555974	39.838	ng	98
90) Benzo(a)pyrene	15.498	252	617384	43.957	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	656511	42.827	ng	99
92) Benzo(g,h,i)perylene	17.533	276	659798	43.032	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

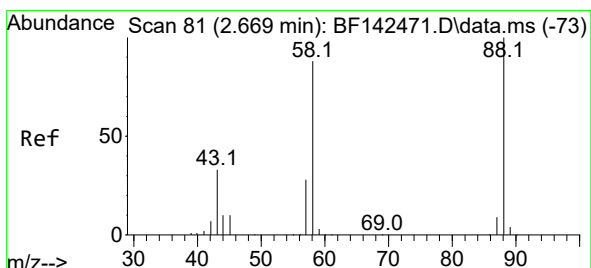
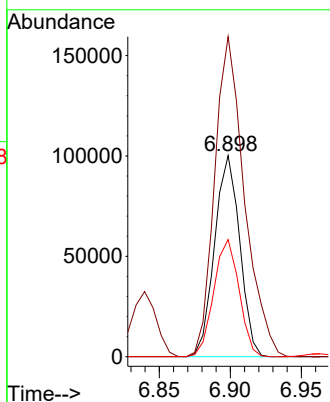
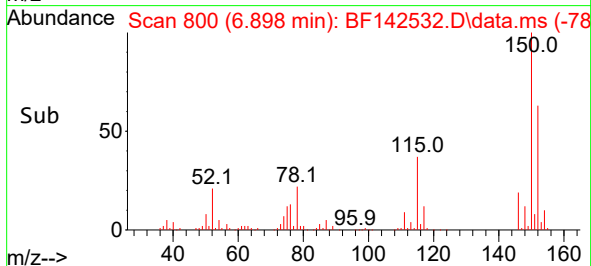
Instrument :
BNA_F
Client SampleId :
TP-45MSD



Tgt Ion: 152 Resp: 12338
Ion Ratio Lower Upper
152 100
150 159.1 128.2 192.4
115 58.2 48.3 72.5

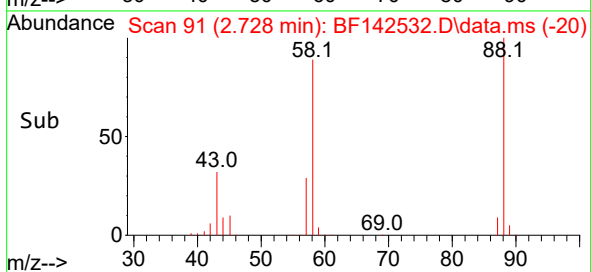
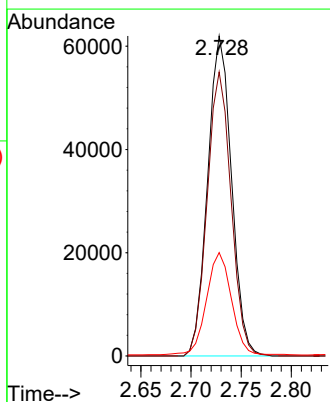
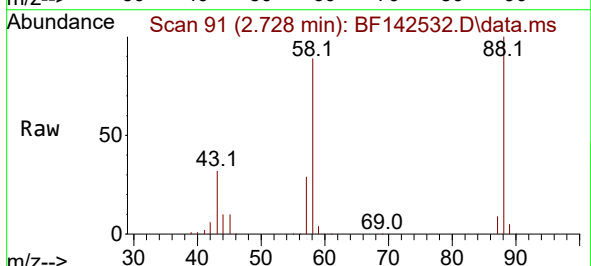
Manual Integrations
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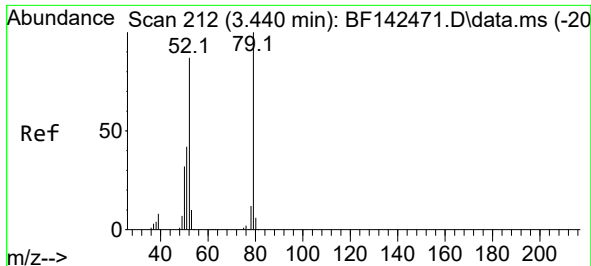
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#2
1,4-Dioxane
Concen: 35.063 ng
RT: 2.728 min Scan# 91
Delta R.T. 0.065 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

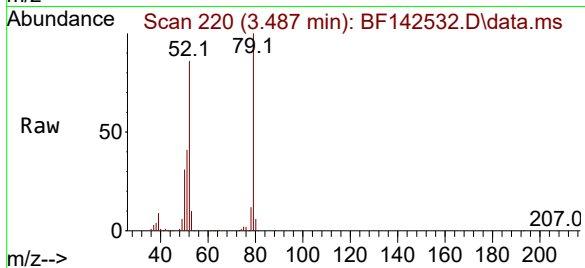
Tgt Ion: 88 Resp: 102756
Ion Ratio Lower Upper
88 100
58 88.7 70.8 106.2
43 33.5 26.6 40.0





#3
Pyridine
Concen: 38.471 ng
RT: 3.487 min Scan# 212
Delta R.T. 0.047 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

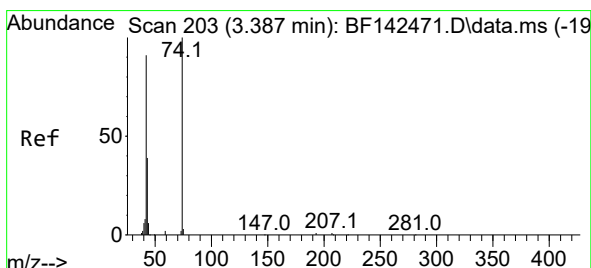
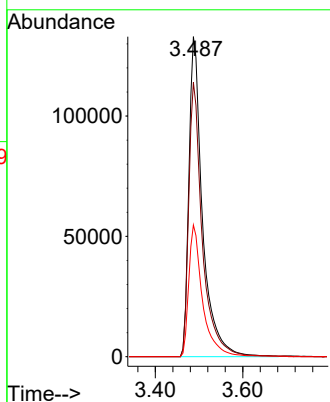
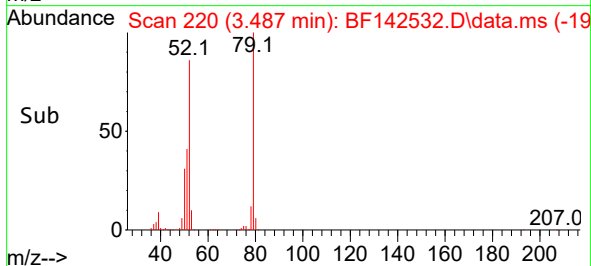
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion: 79 Resp: 287109
Ion Ratio Lower Upper
79 100
52 85.7 69.2 103.8
51 41.1 33.3 49.9

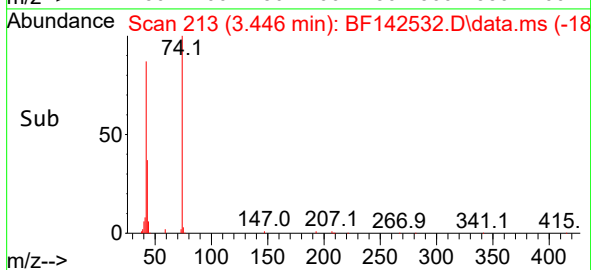
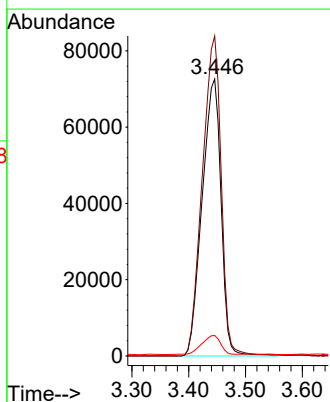
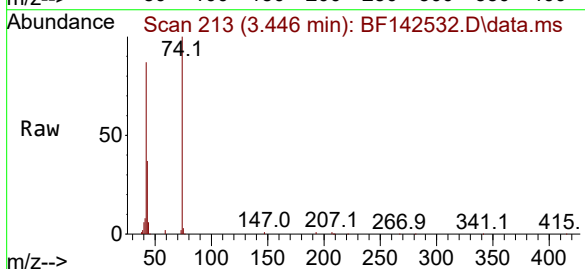
Manual Integrations
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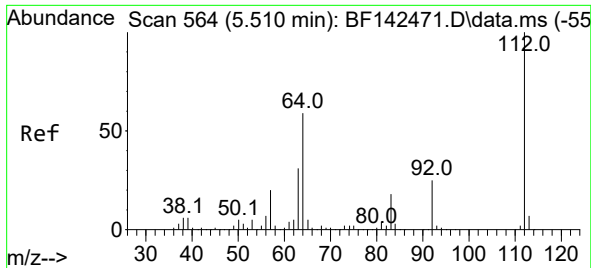
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#4
n-Nitrosodimethylamine
Concen: 43.249 ng
RT: 3.446 min Scan# 213
Delta R.T. 0.041 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion: 42 Resp: 167586
Ion Ratio Lower Upper
42 100
74 115.6 88.2 132.4
44 7.4 5.4 8.2





#5
2-Fluorophenol
Concen: 96.689 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

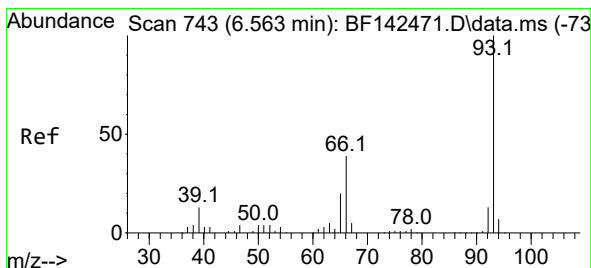
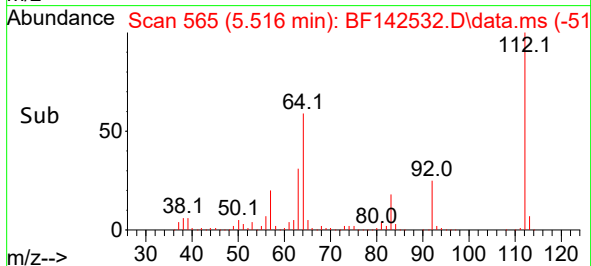
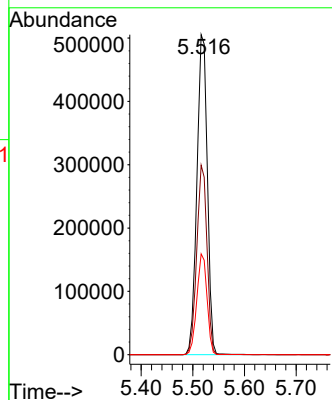
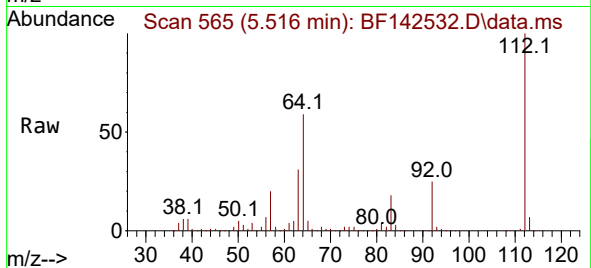
TP-45MSD

Tgt Ion:112 Resp: 708110
Ion Ratio Lower Upper
112 100
64 59.2 47.5 71.3
63 31.5 24.9 37.3

Manual Integrations

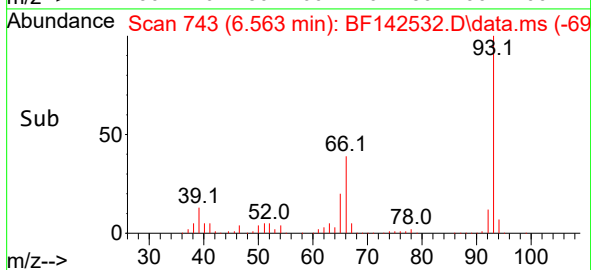
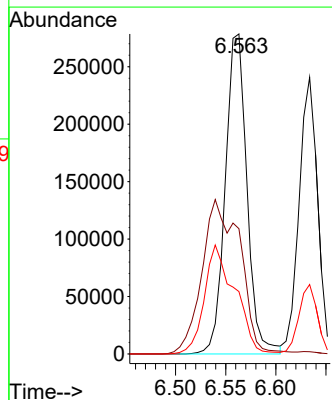
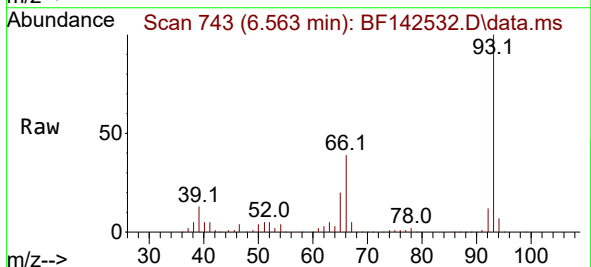
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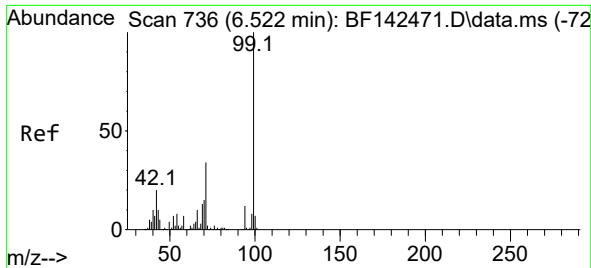
Reviewed By :Rahul Chavli 05/27/2025
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#6
Aniline
Concen: 35.364 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

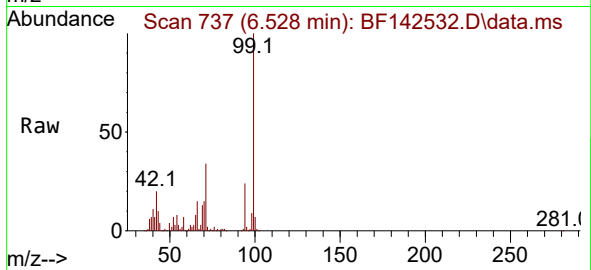
Tgt Ion: 93 Resp: 419201
Ion Ratio Lower Upper
93 100
66 39.1 32.0 48.0
65 19.5 16.1 24.1





#7
Phenol-d6
Concen: 100.543 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

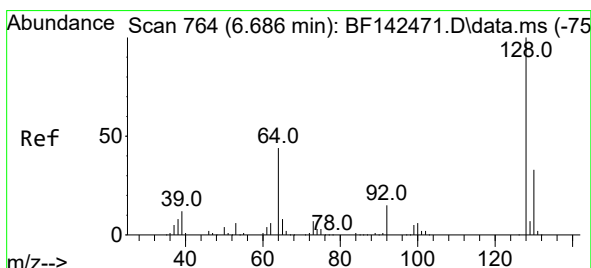
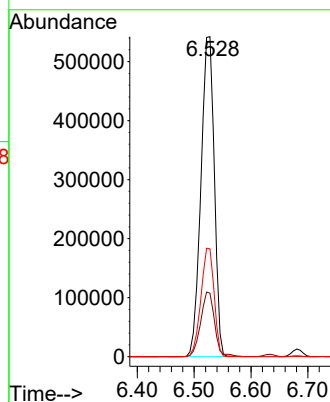
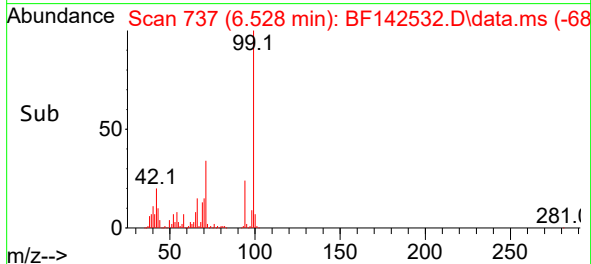
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TP-45MSD



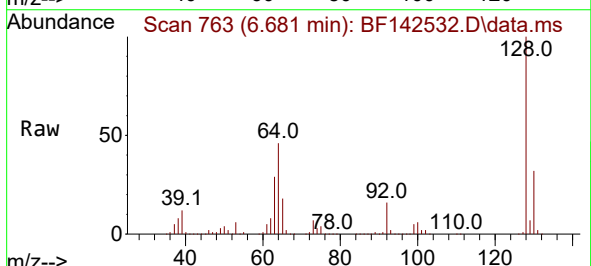
Tgt Ion: 99 Resp: 886372
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.7 27.3 40.9

Manual Integrations
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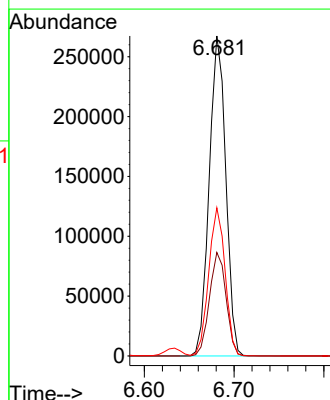
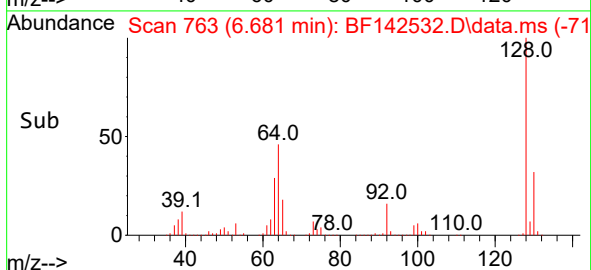
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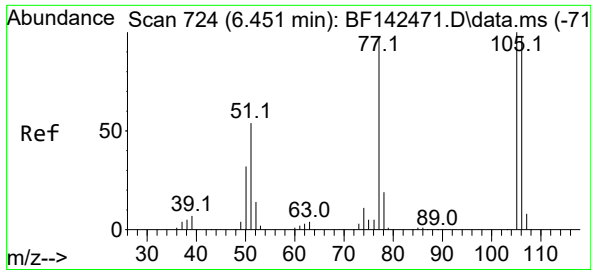


#8
2-Chlorophenol
Concen: 42.997 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



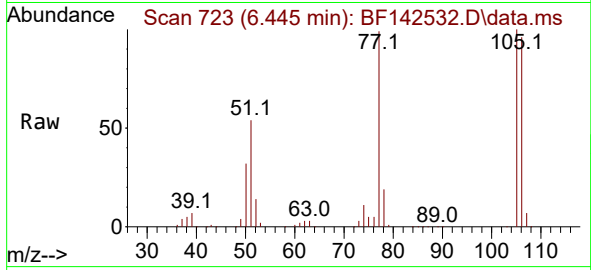
Tgt Ion:128 Resp: 342990
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 46.3 25.1 65.1





#9
Benzaldehyde
Concen: 38.688 ng
RT: 6.445 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

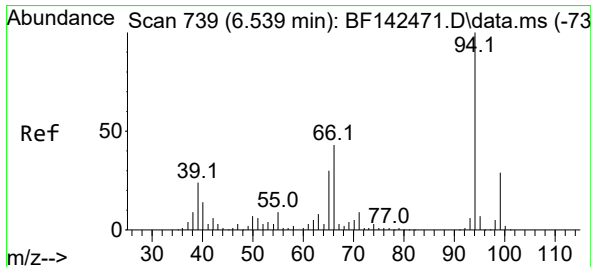
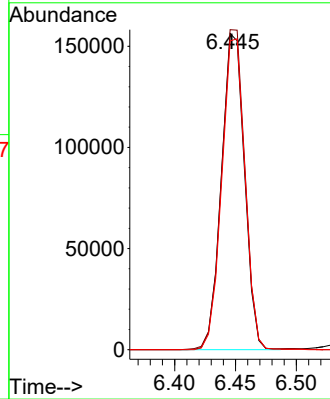
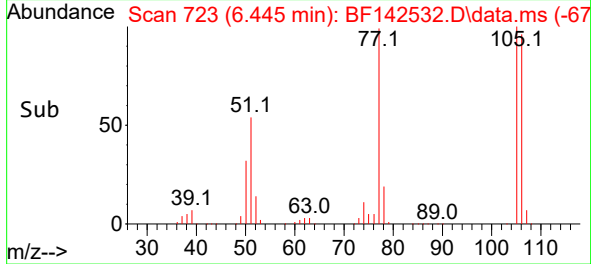
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion: 77 Resp: 205139
Ion Ratio Lower Upper
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105 101.2 82.5 122.5
106 97.7 80.0 120.0

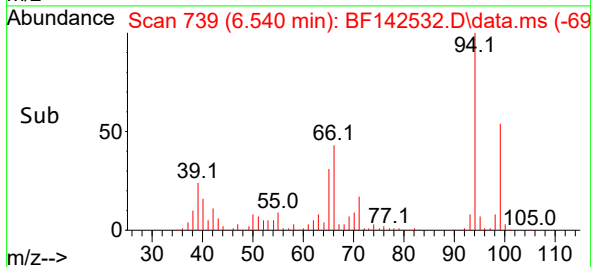
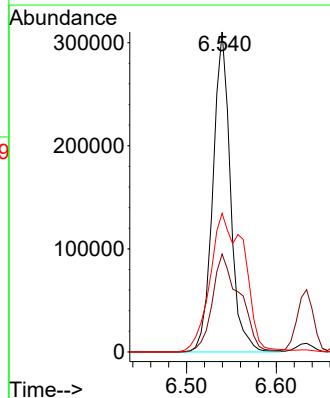
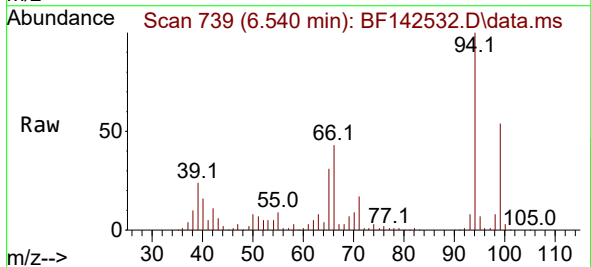
Manual Integrations
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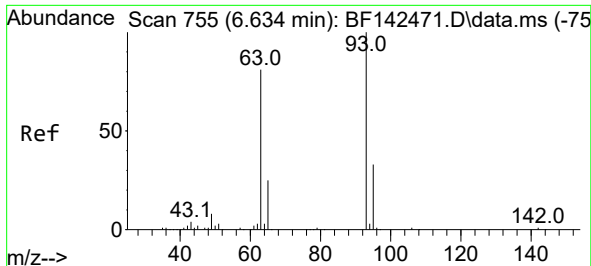
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#10
Phenol
Concen: 42.483 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

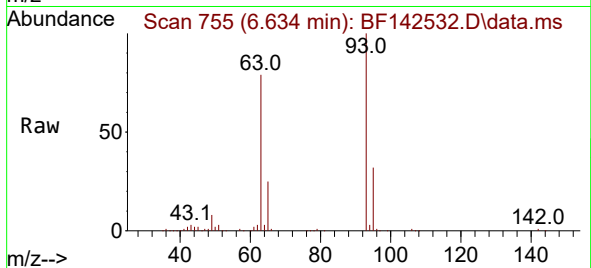
Tgt Ion: 94 Resp: 421422
Ion Ratio Lower Upper
94 100
65 30.6 10.3 50.3
66 43.3 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 43.074 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

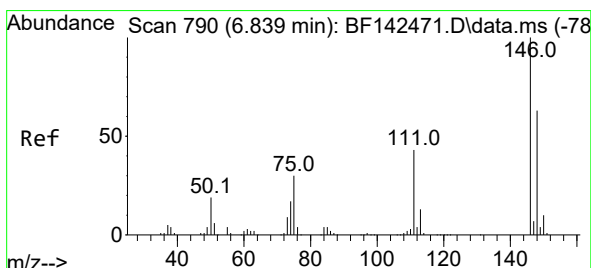
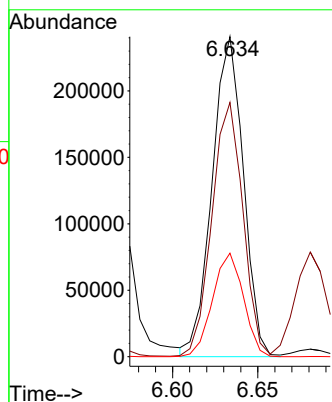
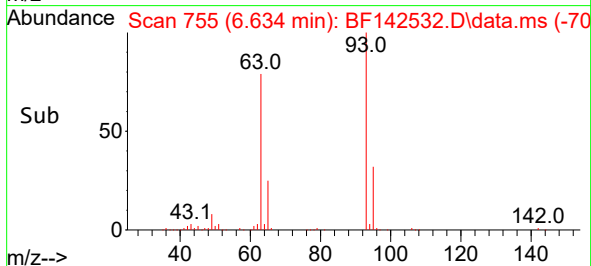
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



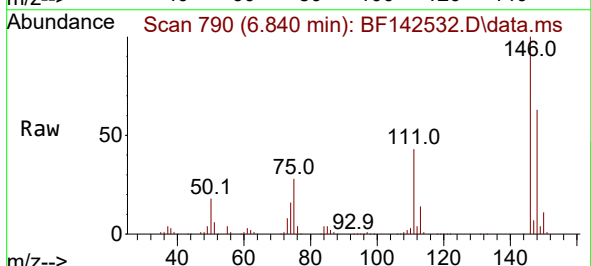
Tgt Ion: 93 Resp: 30757
Ion Ratio Lower Upper
93 100
63 79.4 60.2 100.2
95 32.4 12.3 52.3

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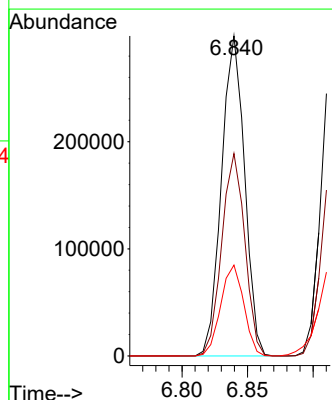
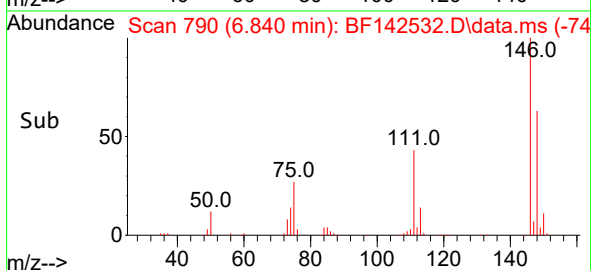
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

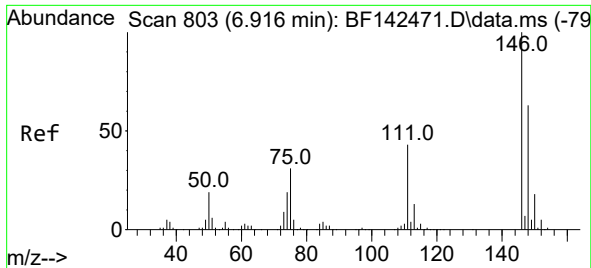


#12
1,3-Dichlorobenzene
Concen: 41.034 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



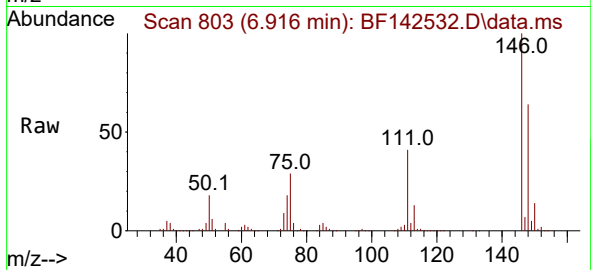
Tgt Ion:146 Resp: 365246
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
75 28.4 23.8 35.6





#13
1,4-Dichlorobenzene
Concen: 41.393 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

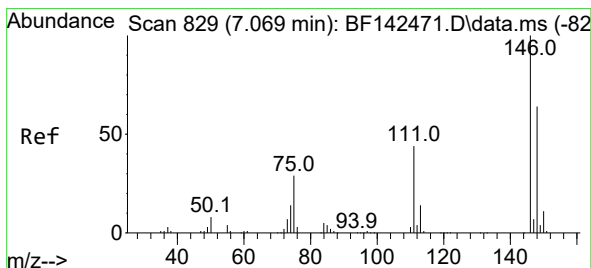
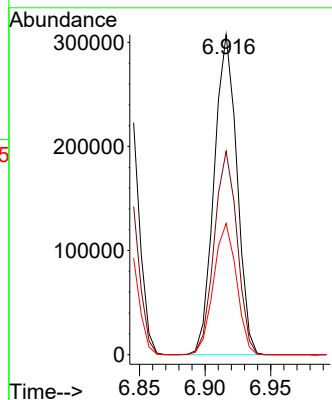
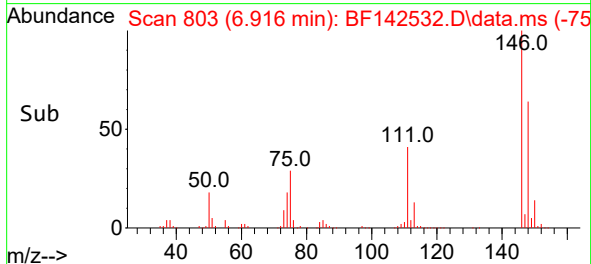
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



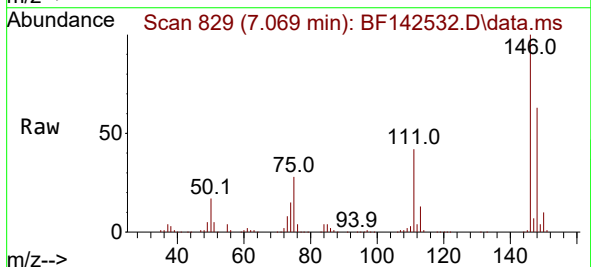
Tgt Ion:146 Resp: 37114
Ion Ratio Lower Upper
146 100
148 63.6 50.4 75.6
111 41.0 34.1 51.1

Manual Integrations
APPROVED

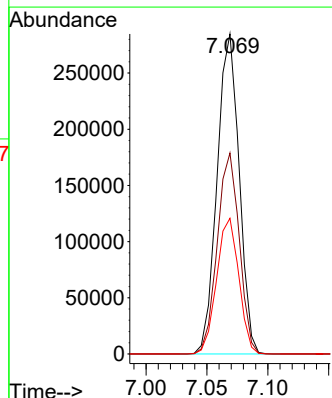
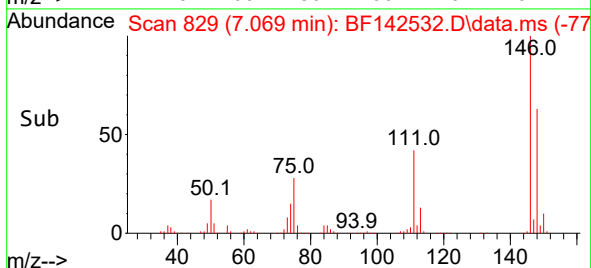
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

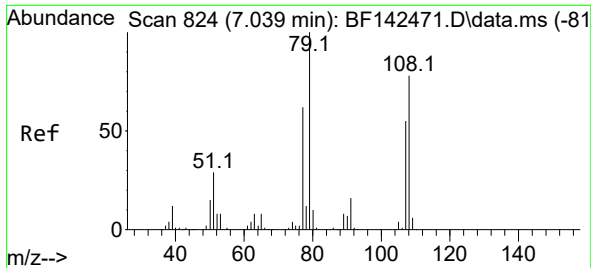


#14
1,2-Dichlorobenzene
Concen: 41.869 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



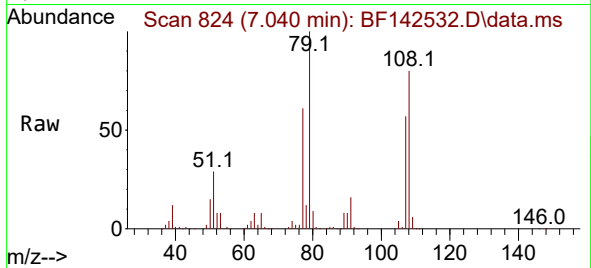
Tgt Ion:146 Resp: 359213
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.4
111 42.4 35.0 52.6





#15
Benzyl Alcohol
Concen: 42.776 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

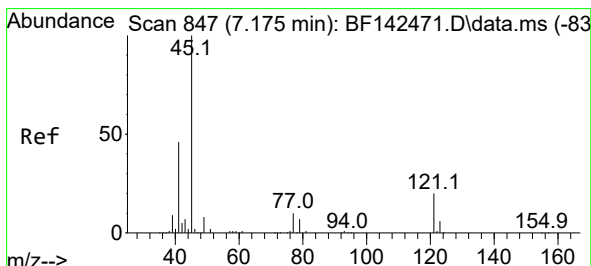
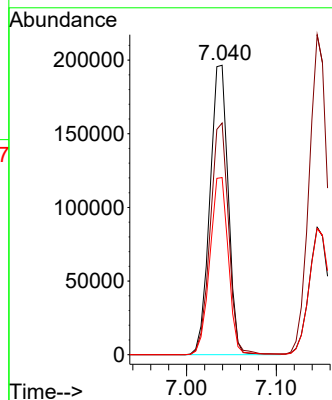
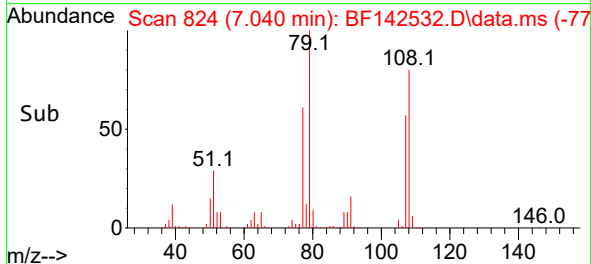
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion: 79 Resp: 27868
Ion Ratio Lower Upper
79 100
108 80.0 62.1 93.1
77 61.2 49.5 74.3

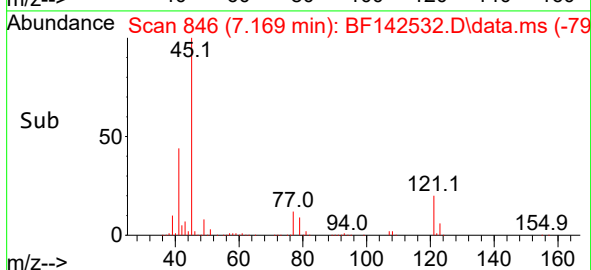
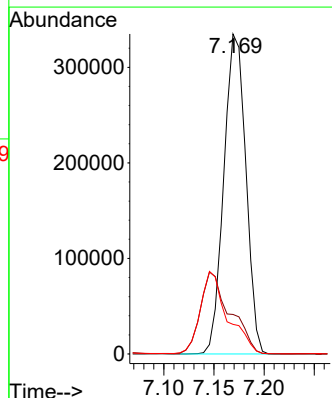
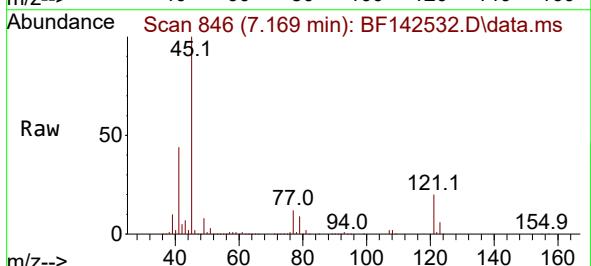
Manual Integrations
APPROVED

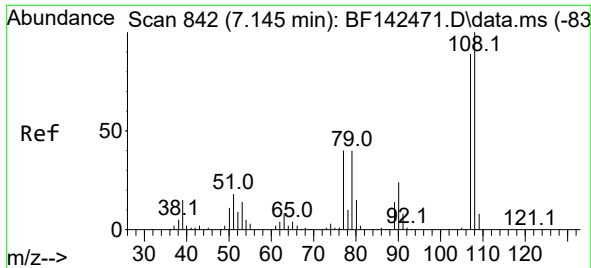
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.582 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

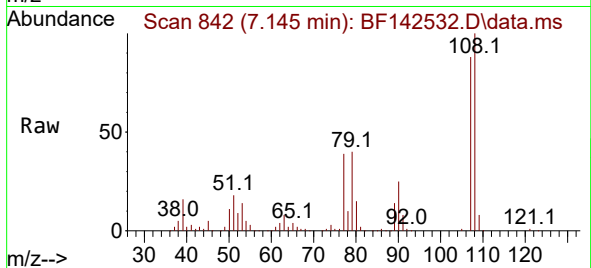
Tgt Ion: 45 Resp: 510625
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.0
79 9.3 0.0 29.2





#17
2-Methylphenol
Concen: 42.807 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

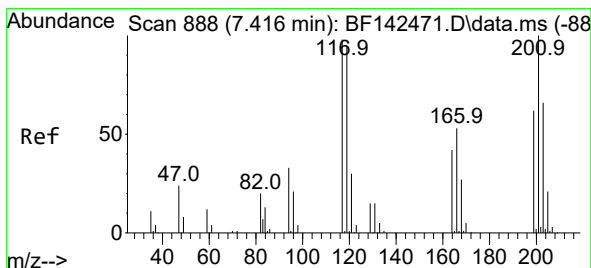
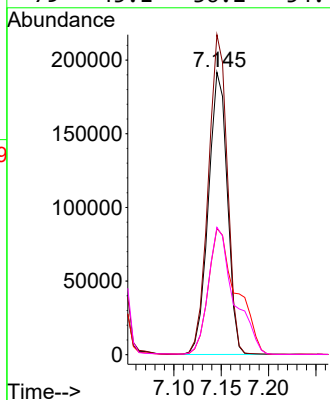
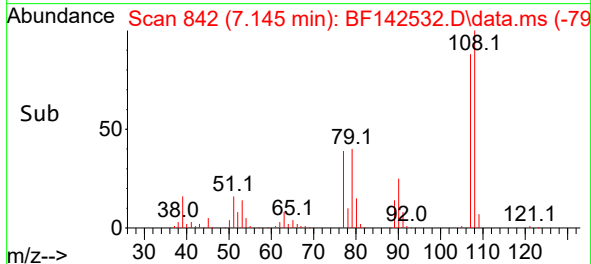
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



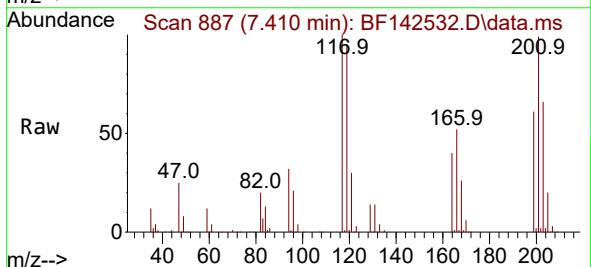
Tgt Ion:107 Resp: 26660
Ion Ratio Lower Upper
107 100
108 113.3 90.2 135.2
77 44.7 36.1 54.1
79 45.1 36.2 54.4

Manual Integrations
APPROVED

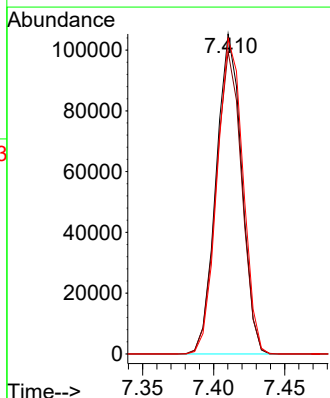
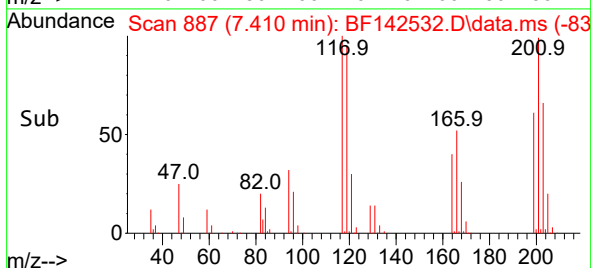
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

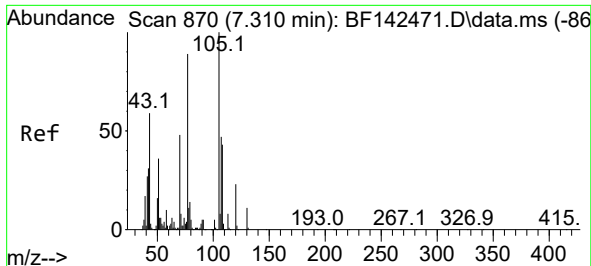


#18
Hexachloroethane
Concen: 41.890 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



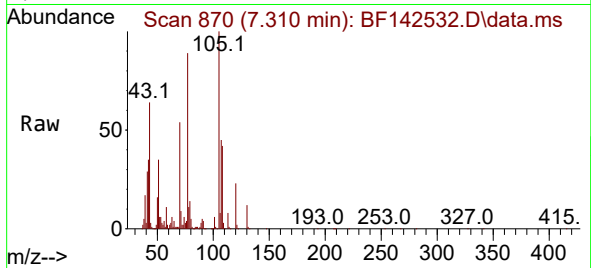
Tgt Ion:117 Resp: 131150
Ion Ratio Lower Upper
117 100
119 94.5 76.6 114.8
201 98.6 81.3 121.9





#19
n-Nitroso-di-n-propylamine
Concen: 41.042 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

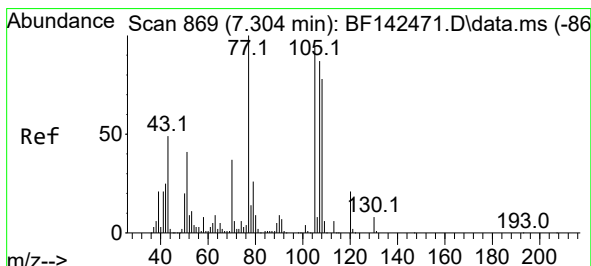
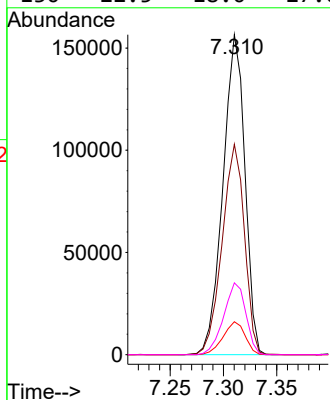
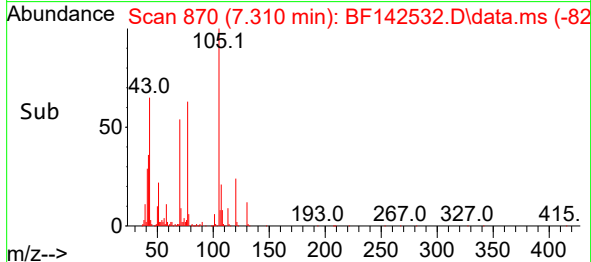
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



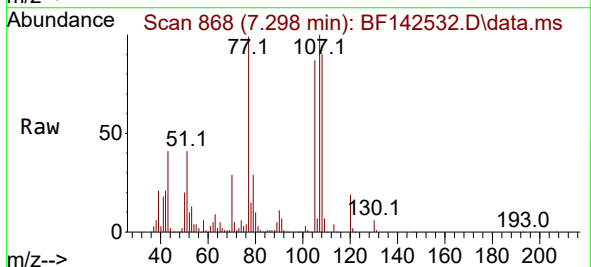
Tgt Ion: 70 Resp: 224239
Ion Ratio Lower Upper
70 100
42 65.8 52.4 78.6
101 10.3 7.8 11.8
130 22.5 18.0 27.0

Manual Integrations
APPROVED

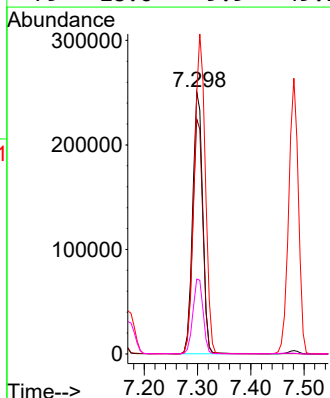
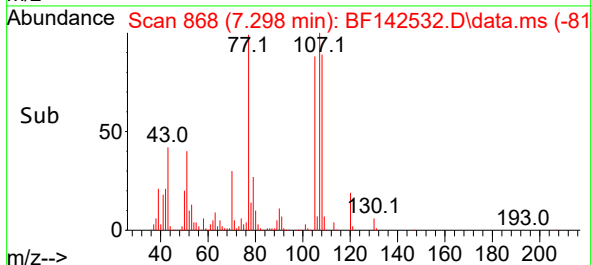
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

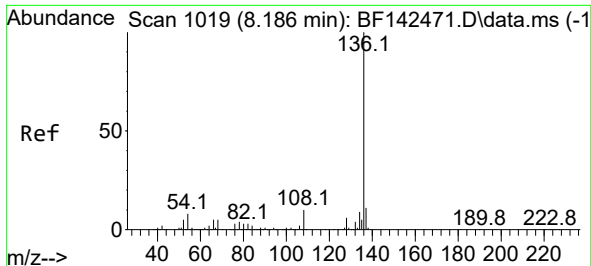


#20
3+4-Methylphenols
Concen: 41.125 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



Tgt Ion:107 Resp: 327995
Ion Ratio Lower Upper
107 100
108 89.6 70.4 110.4
77 99.4 95.4 135.4
79 28.6 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: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

Tgt Ion:136 Resp: 475110

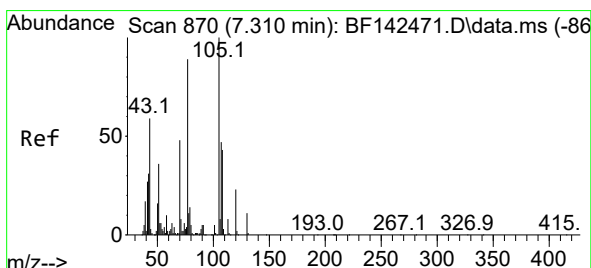
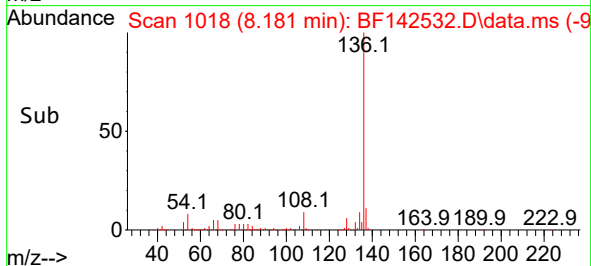
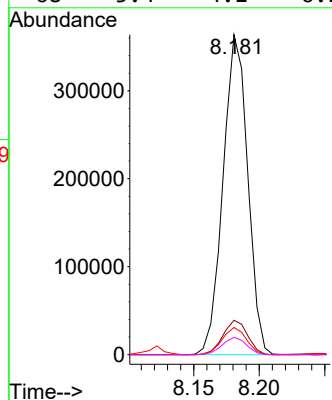
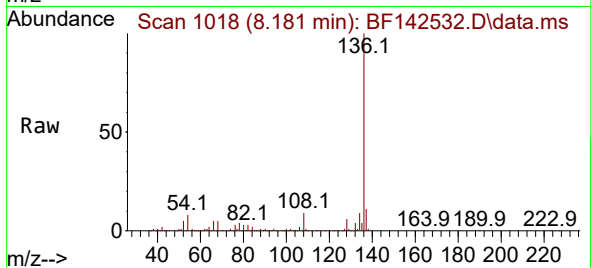
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.5	6.6	10.0
68	5.4	4.1	6.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#22

Acetophenone

Concen: 41.963 ng

RT: 7.304 min Scan# 869

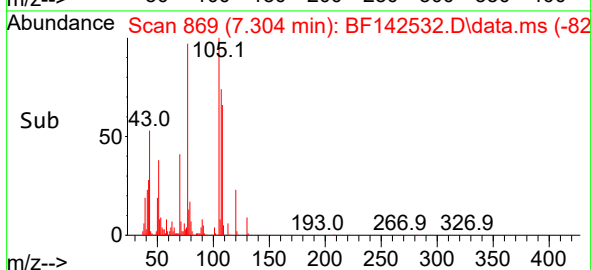
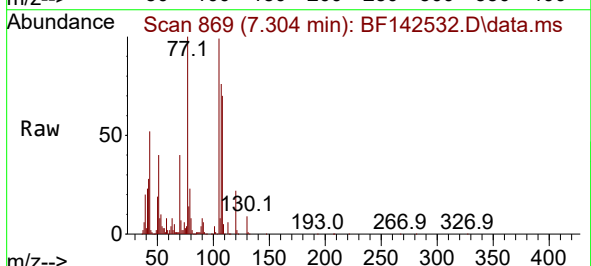
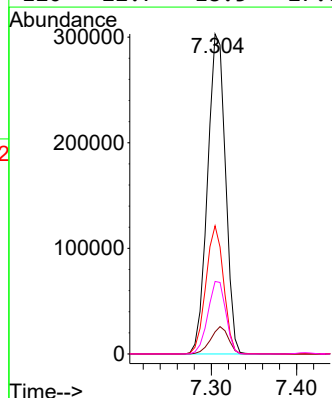
Delta R.T. -0.012 min

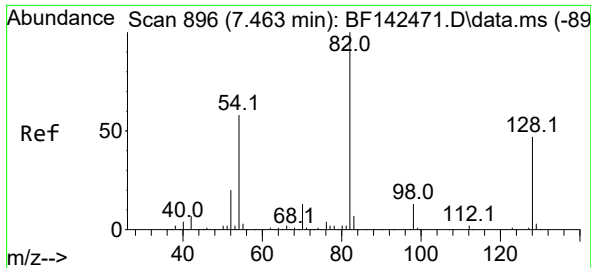
Lab File: BF142532.D

Acq: 23 May 2025 13:41

Tgt Ion:105 Resp: 441349

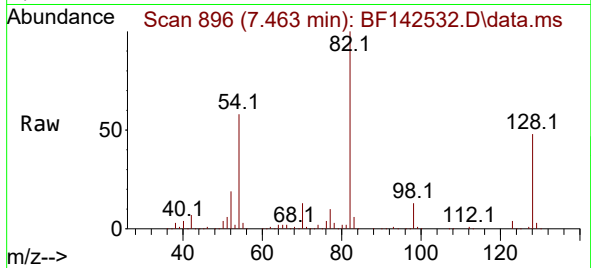
Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.4	9.6
51	40.1	28.6	42.8
120	22.7	18.5	27.7





#23
Nitrobenzene-d5
Concen: 60.863 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

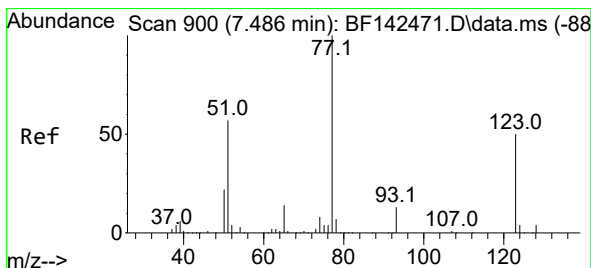
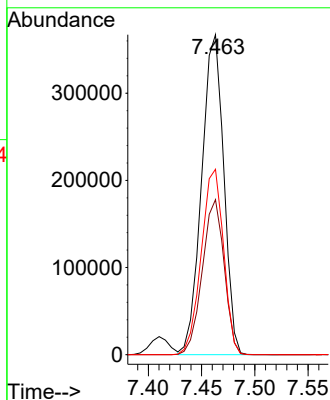
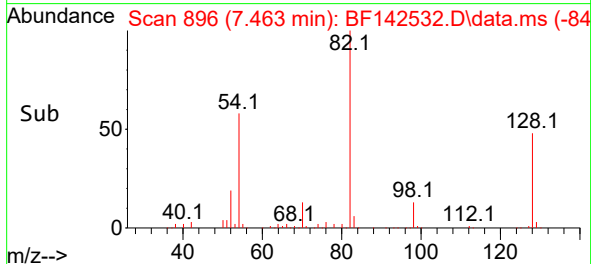
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



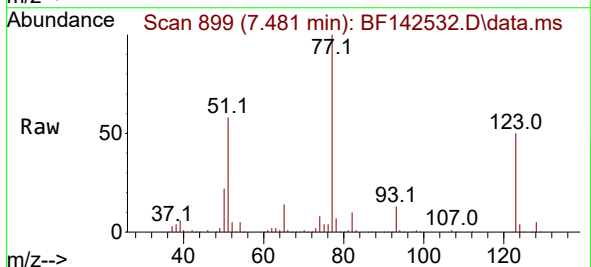
Tgt Ion: 82 Resp: 530308
Ion Ratio Lower Upper
82 100
128 48.5 37.4 56.2
54 57.9 46.6 70.0

Manual Integrations
APPROVED

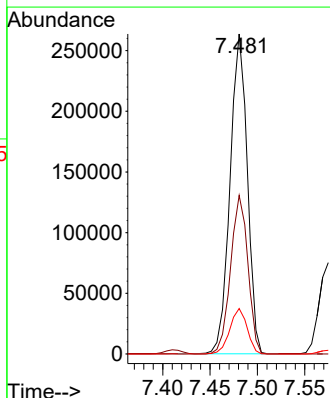
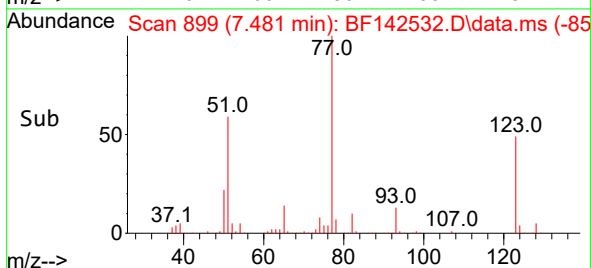
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

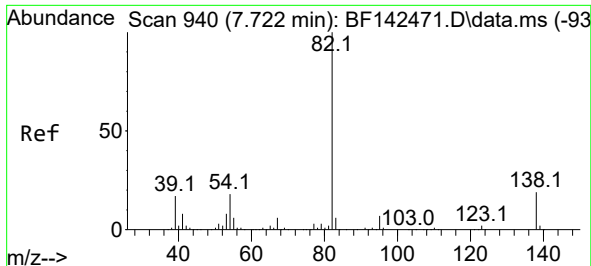


#24
Nitrobenzene
Concen: 42.501 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



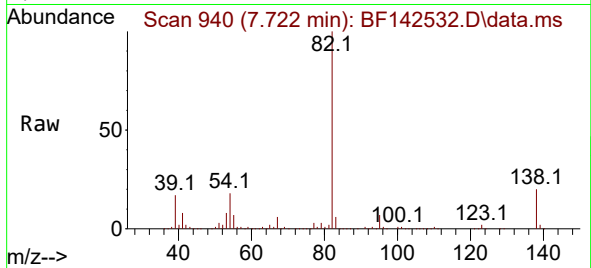
Tgt Ion: 77 Resp: 333991
Ion Ratio Lower Upper
77 100
123 49.6 40.6 61.0
65 14.2 11.4 17.2





#25
Isophorone
Concen: 41.766 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

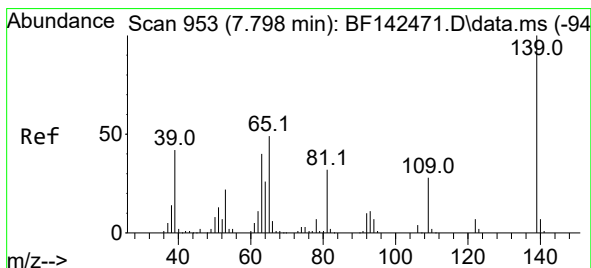
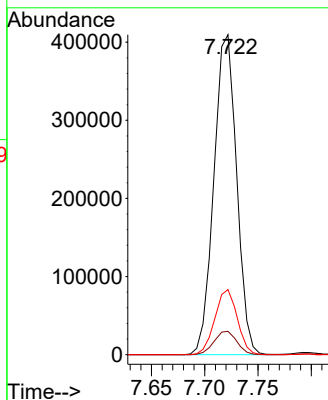
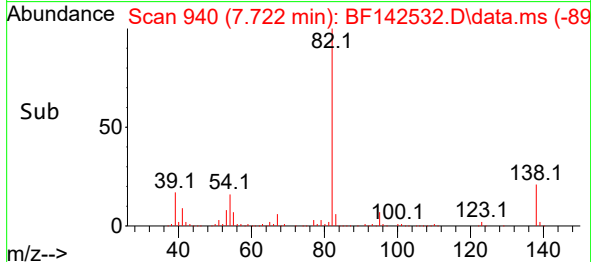
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



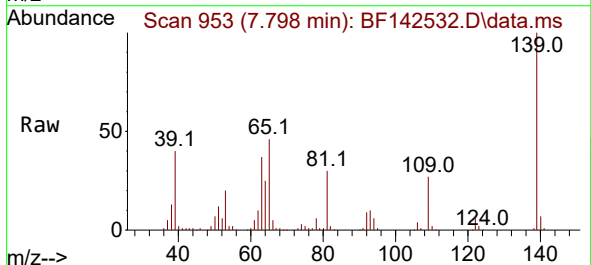
Tgt Ion: 82 Resp: 608440
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.4 15.5 23.3

Manual Integrations
APPROVED

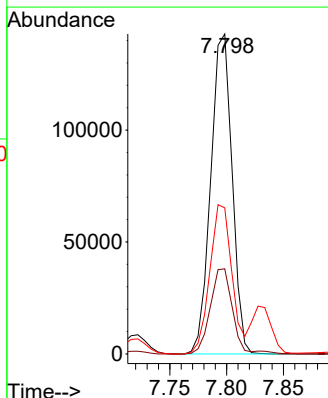
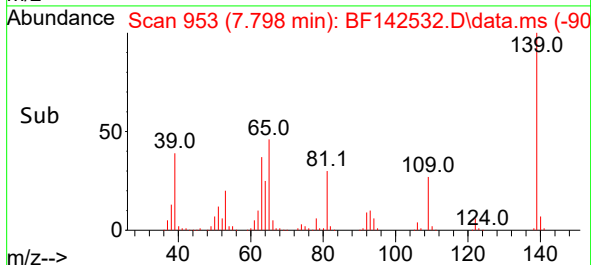
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

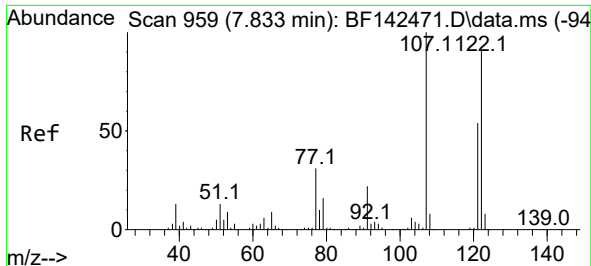


#26
2-Nitrophenol
Concen: 44.580 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



Tgt Ion:139 Resp: 187195
Ion Ratio Lower Upper
139 100
109 26.6 22.6 33.8
65 45.7 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.808 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

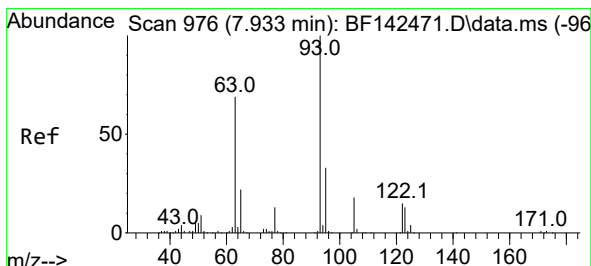
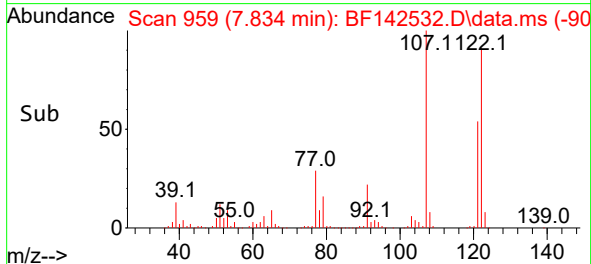
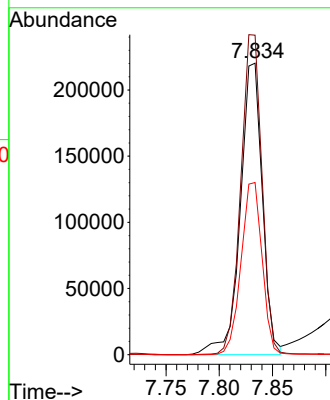
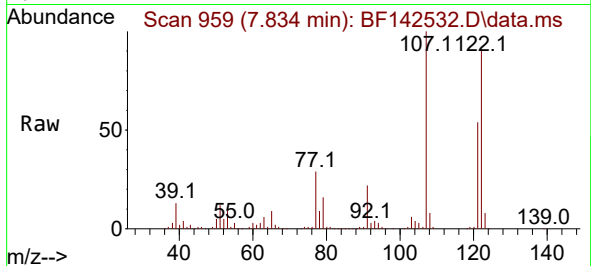
Tgt Ion:122 Resp: 31699
 Ion Ratio Lower Upper
 122 100
 107 109.6 88.1 132.1
 121 59.1 47.3 70.9

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.889 ng

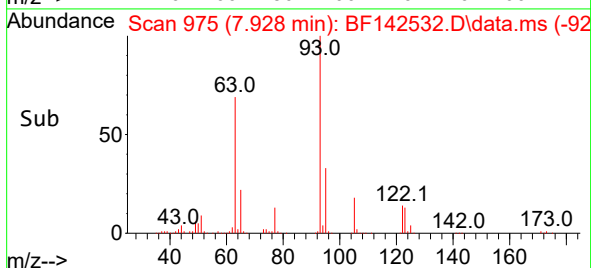
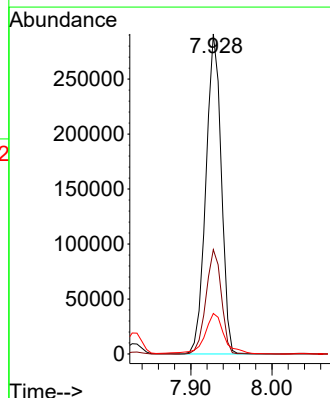
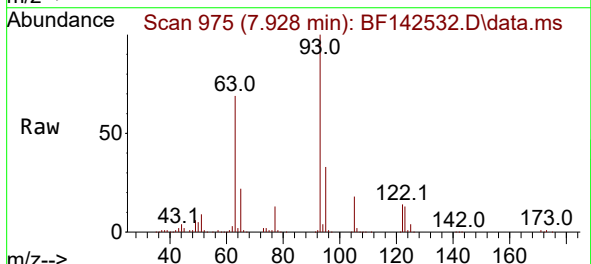
RT: 7.928 min Scan# 975

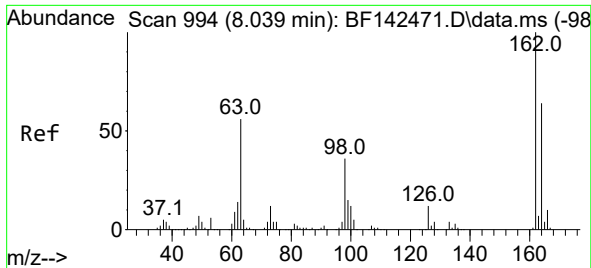
Delta R.T. -0.012 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

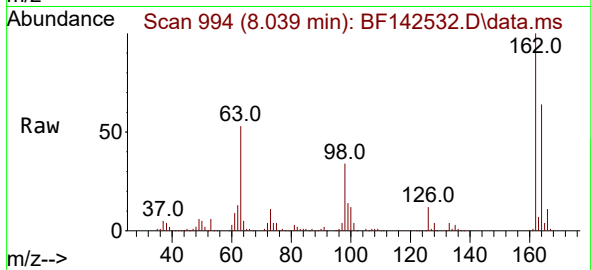
Tgt Ion: 93 Resp: 381200
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.4 39.6
 123 12.7 10.6 15.8





#29
2,4-Dichlorophenol
Concen: 42.653 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

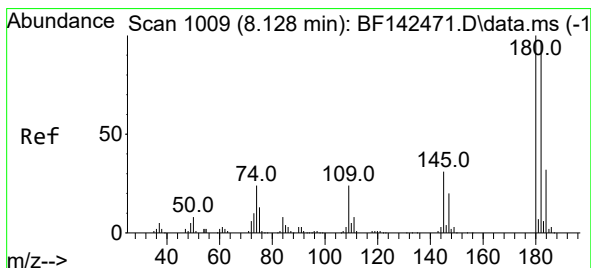
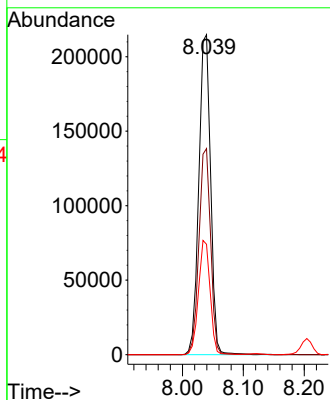
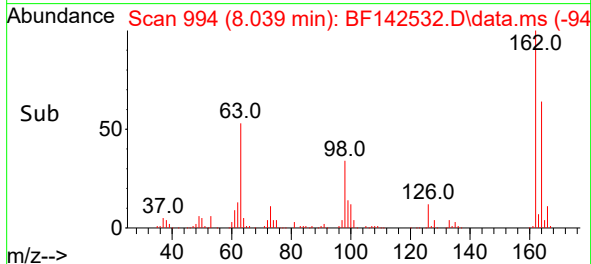
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



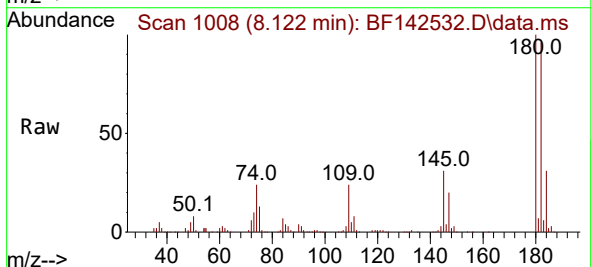
Tgt Ion:162 Resp: 28724
Ion Ratio Lower Upper
162 100
164 64.4 43.7 83.7
98 34.5 15.5 55.5

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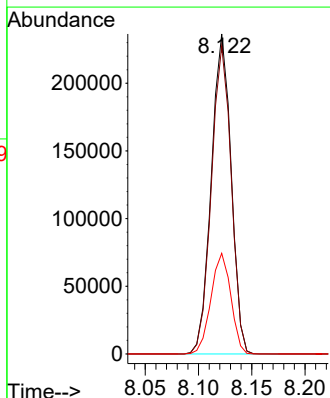
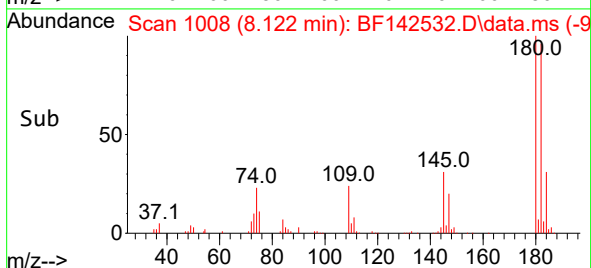
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

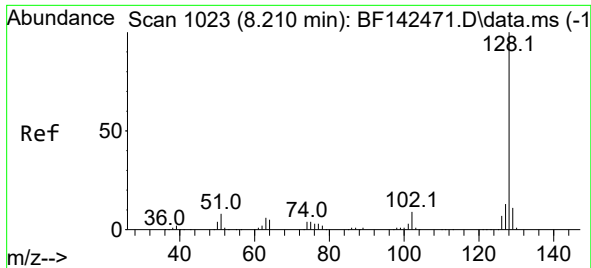


#30
1,2,4-Trichlorobenzene
Concen: 41.808 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



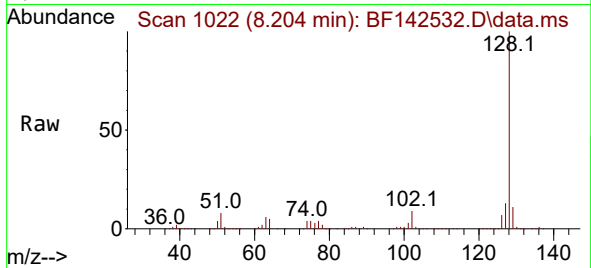
Tgt Ion:180 Resp: 305557
Ion Ratio Lower Upper
180 100
182 96.2 78.0 117.0
145 31.4 25.0 37.6





#31
Naphthalene
Concen: 42.049 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

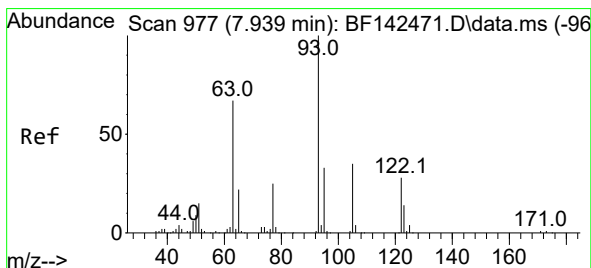
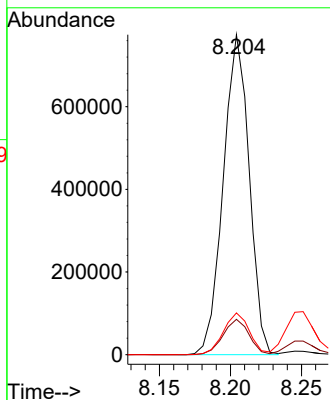
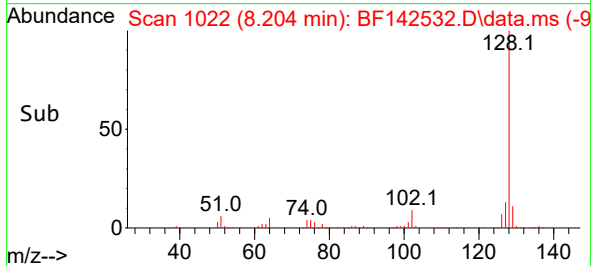
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion:128 Resp: 983702
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.5 15.7

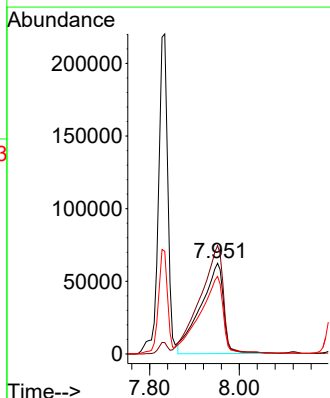
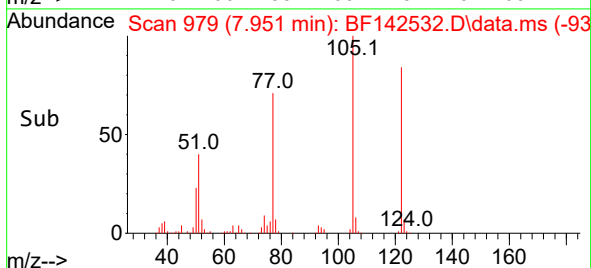
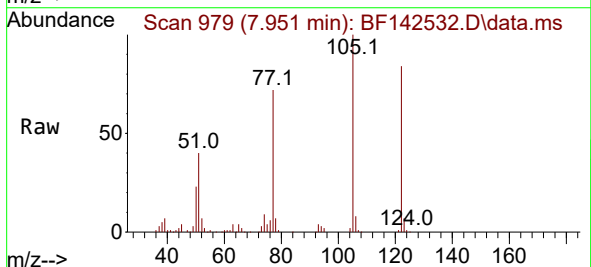
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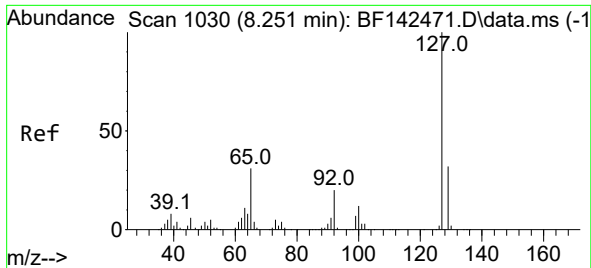
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#32
Benzoic acid
Concen: 48.959 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

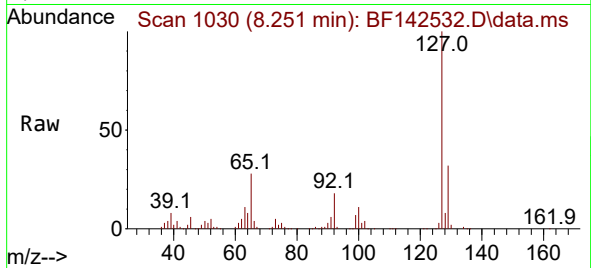
Tgt Ion:122 Resp: 220689
Ion Ratio Lower Upper
122 100
105 119.4 101.7 141.7
77 85.5 69.5 109.5





#33
4-Chloroaniline
Concen: 17.030 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

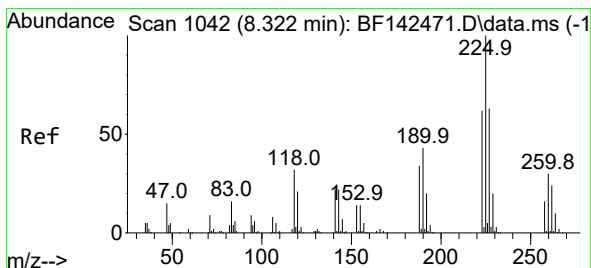
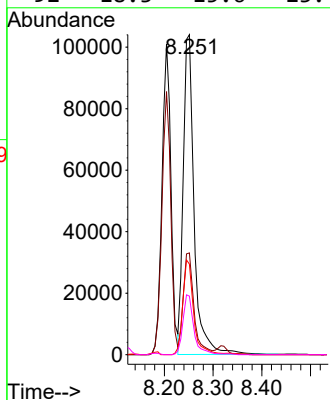
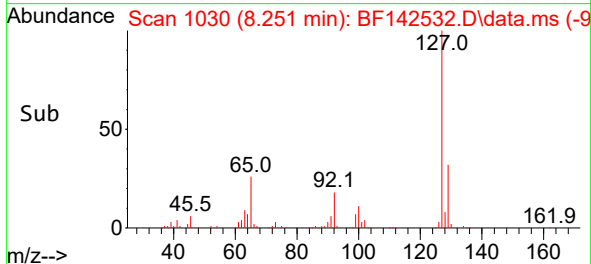
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion:127 Resp: 161439
Ion Ratio Lower Upper
127 100
129 31.8 26.1 39.1
65 28.3 24.9 37.3
92 18.3 15.6 23.4

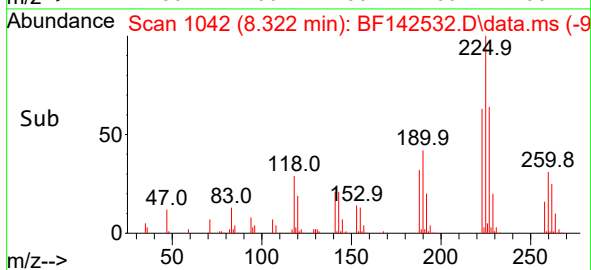
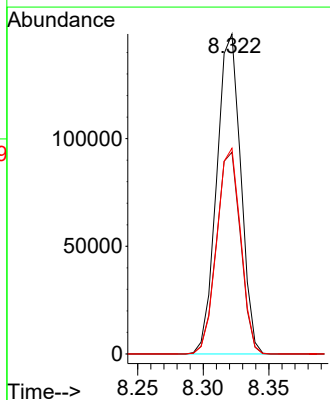
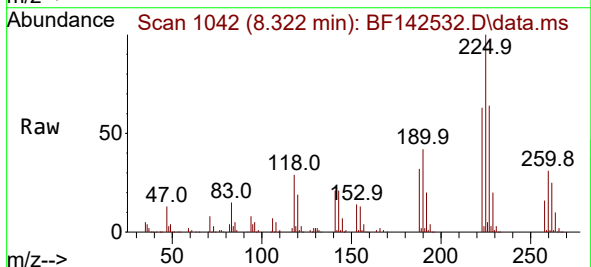
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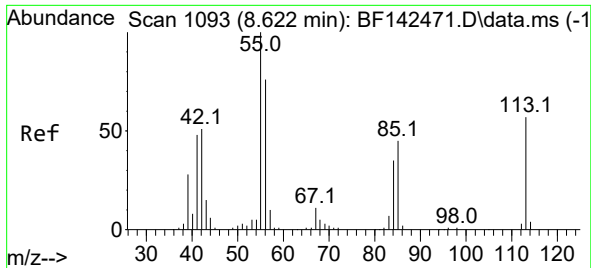
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#34
Hexachlorobutadiene
Concen: 41.403 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

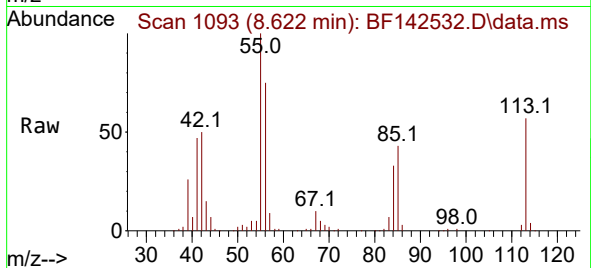
Tgt Ion:225 Resp: 188941
Ion Ratio Lower Upper
225 100
223 63.0 49.7 74.5
227 64.3 50.3 75.5





#35
 Caprolactam
 Concen: 46.972 ng m
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.023 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

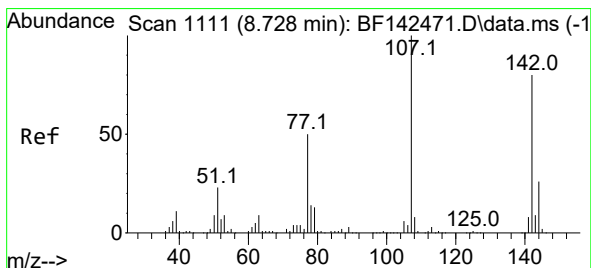
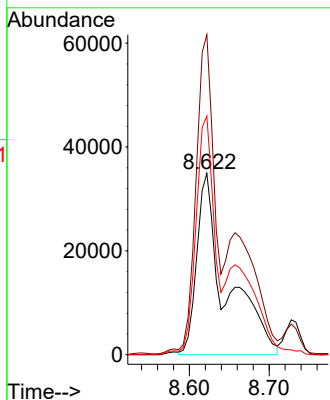
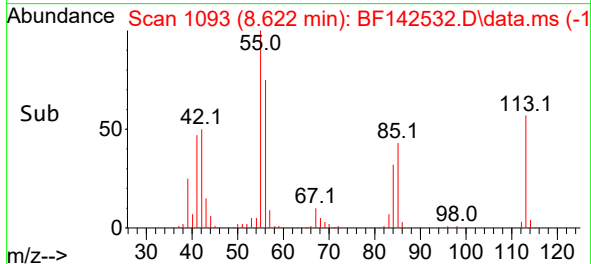
Instrument :
 BNA_F
 ClientSampleId :
 TP-45MSD



Tgt Ion:113 Resp: 8884
 Ion Ratio Lower Upper
 113 100
 55 176.5 154.7 194.7
 56 131.7 113.2 153.2

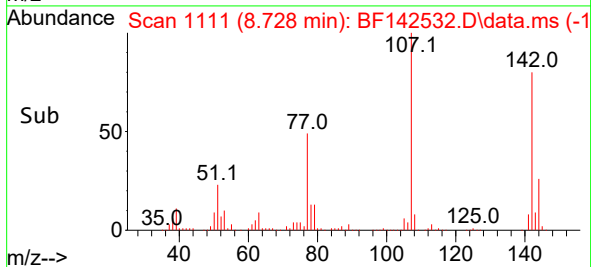
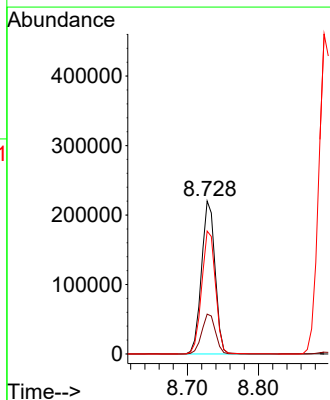
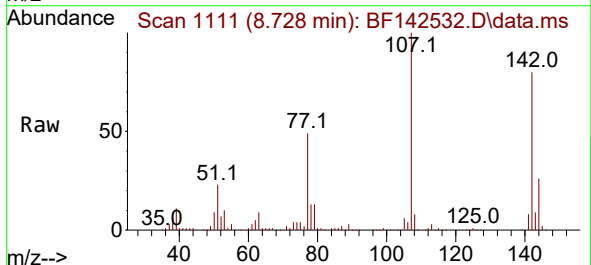
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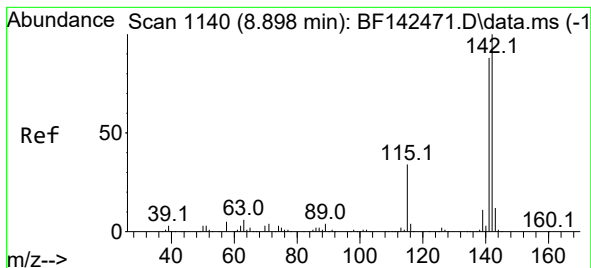
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025



#36
 4-Chloro-3-methylphenol
 Concen: 42.515 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

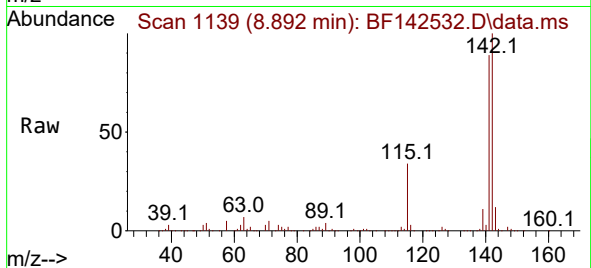
Tgt Ion:107 Resp: 293420
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.9 31.3
 142 80.3 64.2 96.2





#37
2-Methylnaphthalene
Concen: 40.628 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

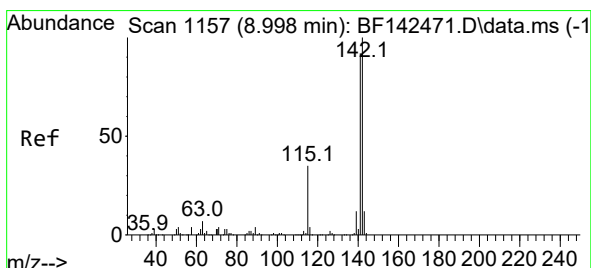
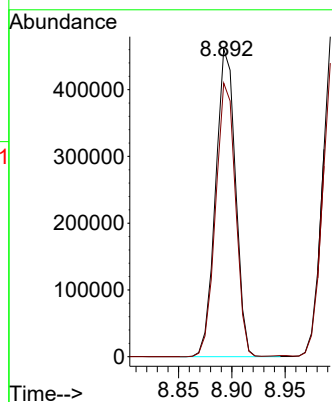
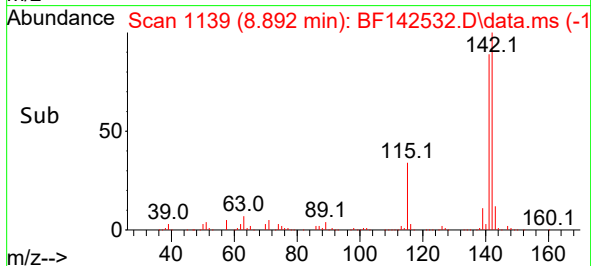
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion:142 Resp: 597950
Ion Ratio Lower Upper
142 100
141 89.0 70.7 106.1

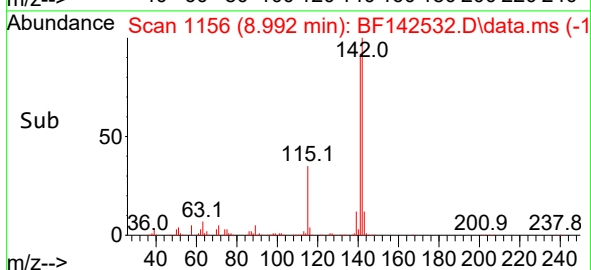
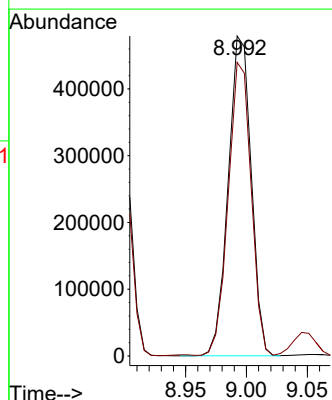
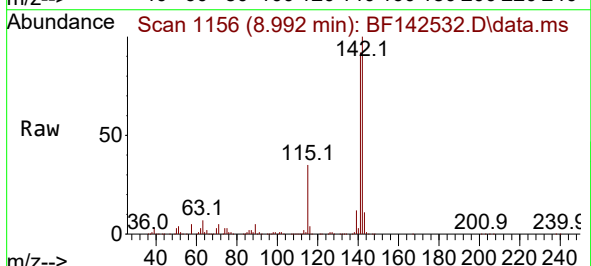
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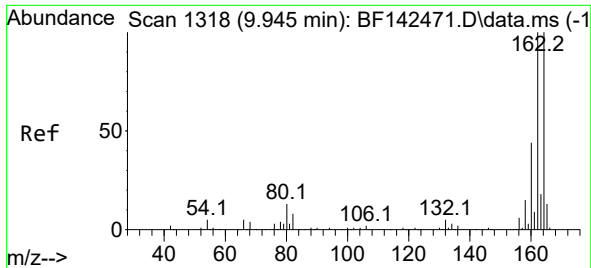
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#38
1-Methylnaphthalene
Concen: 41.338 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

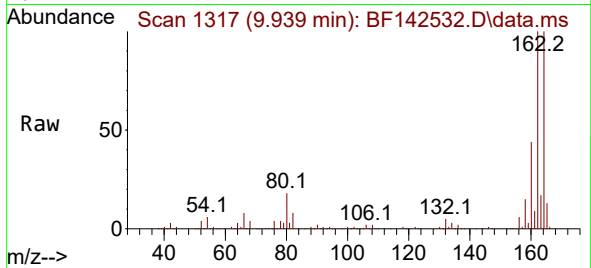
Tgt Ion:142 Resp: 629327
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

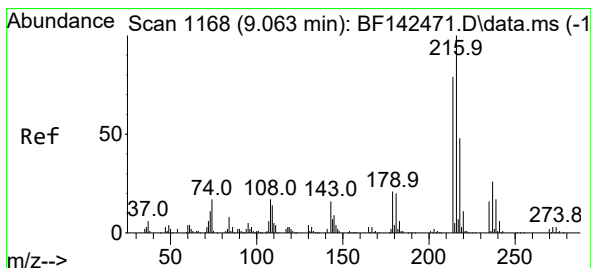
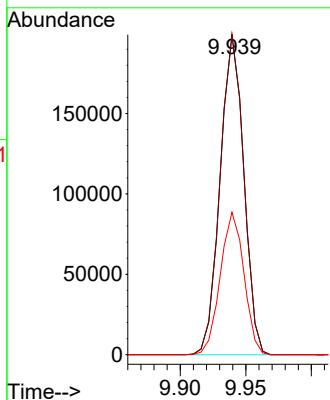
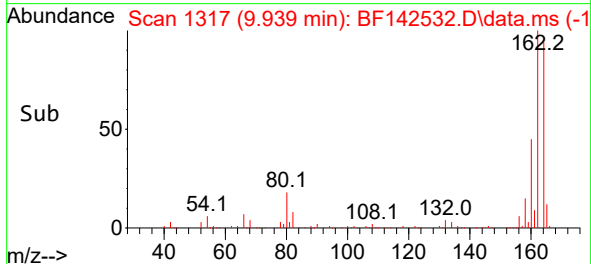
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion:164 Resp: 248980
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.4
160 44.5 35.6 53.4

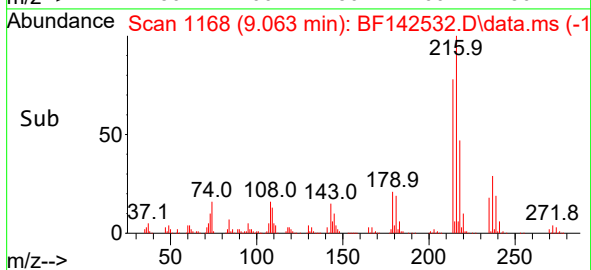
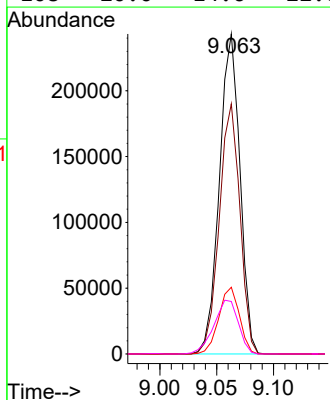
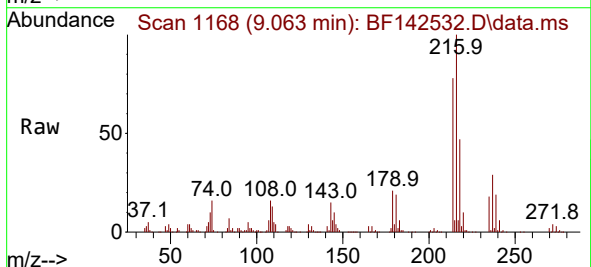
Manual Integrations
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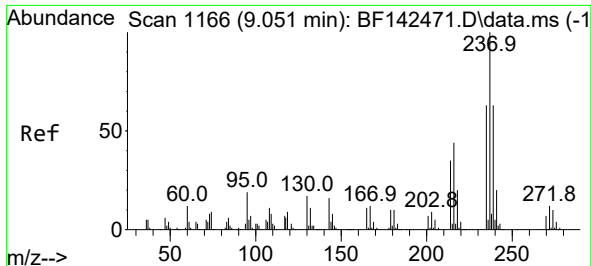
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.893 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

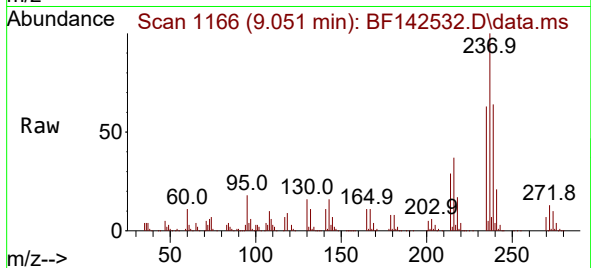
Tgt Ion:216 Resp: 306573
Ion Ratio Lower Upper
216 100
214 78.4 62.9 94.3
179 20.9 16.9 25.3
108 20.0 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 85.289 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

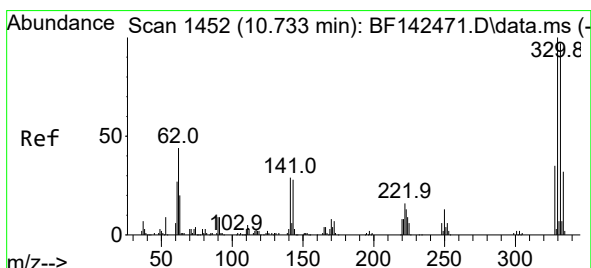
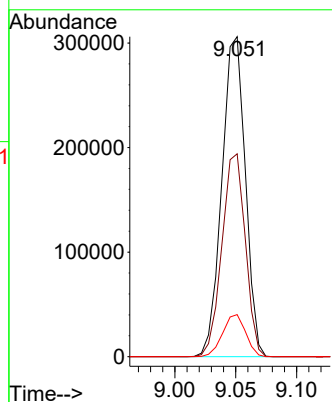
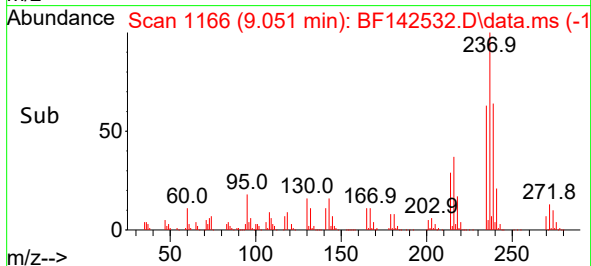
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



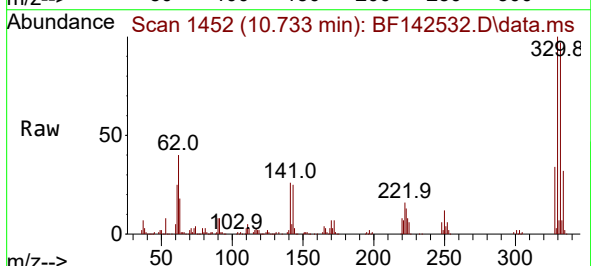
Tgt Ion: 237 Resp: 41122
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 13.1 0.0 32.4

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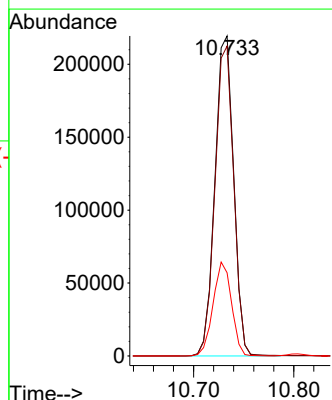
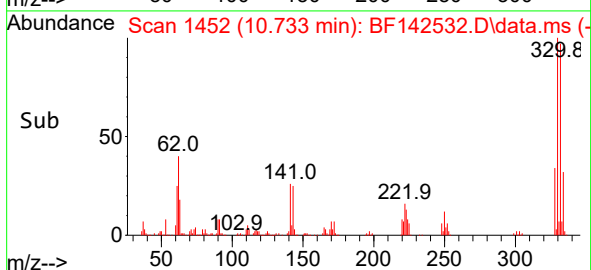
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

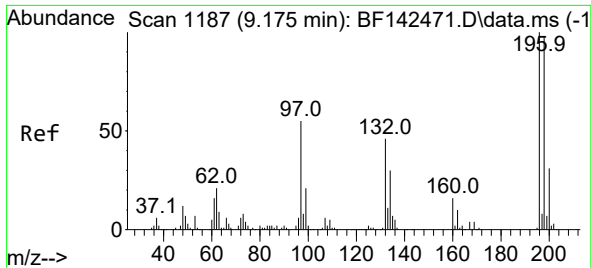


#42
2,4,6-Tribromophenol
Concen: 102.913 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



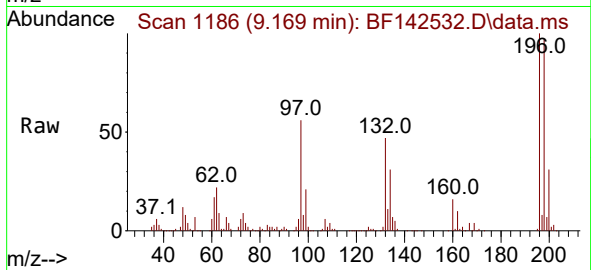
Tgt Ion: 330 Resp: 284392
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 29.0 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 44.173 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

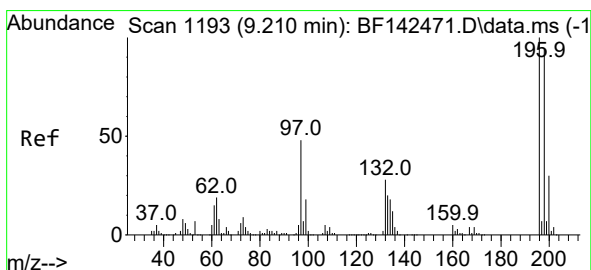
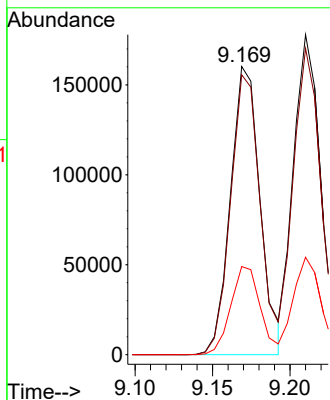
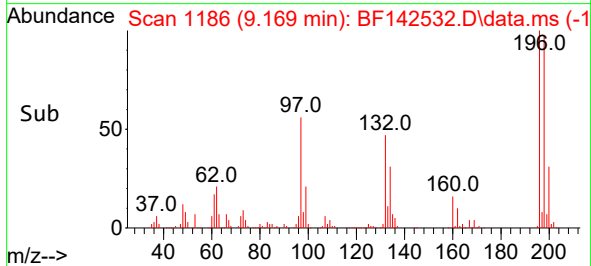
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



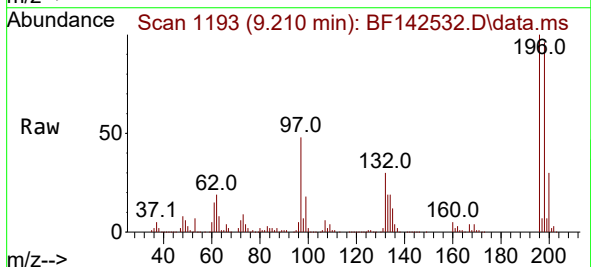
Tgt Ion:196 Resp: 212894
Ion Ratio Lower Upper
196 100
198 97.1 78.8 118.2
200 30.6 24.9 37.3

Manual Integrations
APPROVED

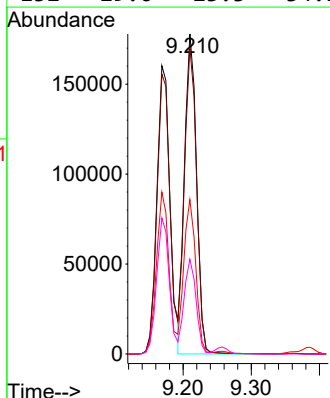
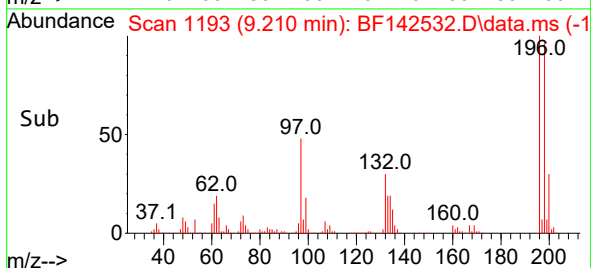
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

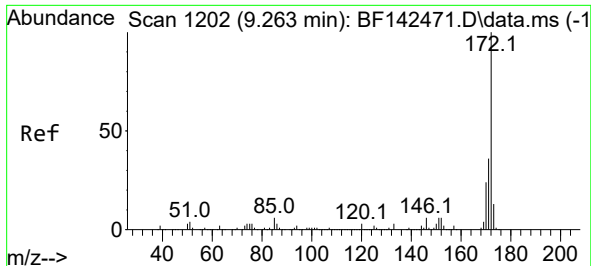


#44
2,4,5-Trichlorophenol
Concen: 42.722 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



Tgt Ion:196 Resp: 217153
Ion Ratio Lower Upper
196 100
198 95.7 75.5 113.3
97 48.3 39.3 58.9
132 29.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 58.350 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

Tgt Ion:172 Resp: 1082700

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

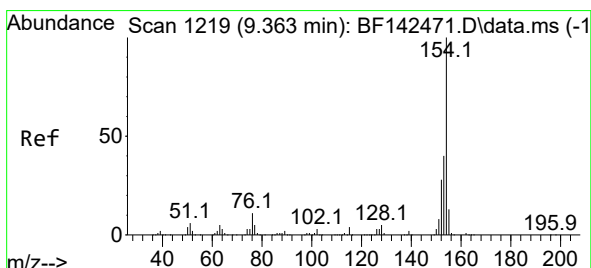
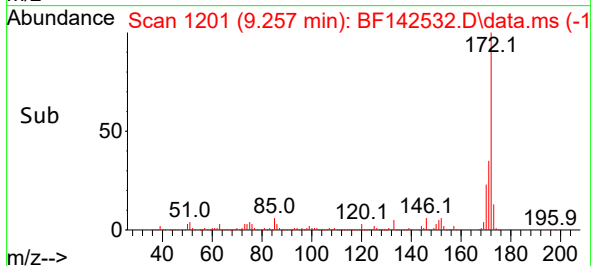
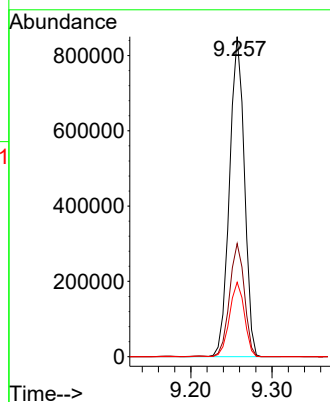
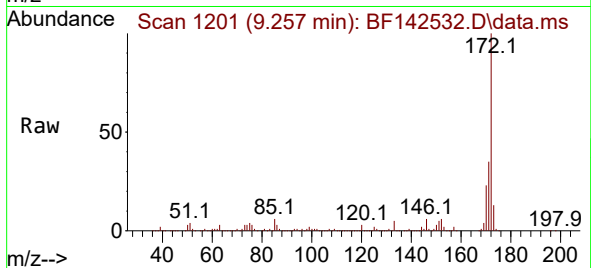
170 23.2 18.9 28.3

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#46

1,1'-Biphenyl

Concen: 42.372 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

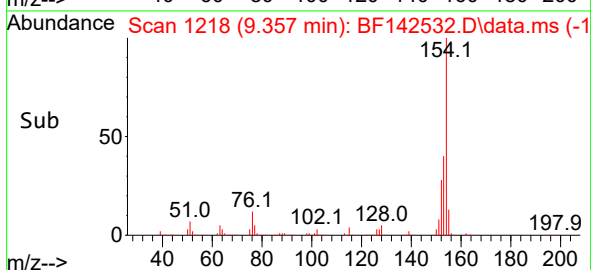
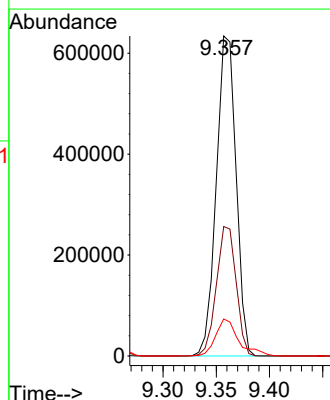
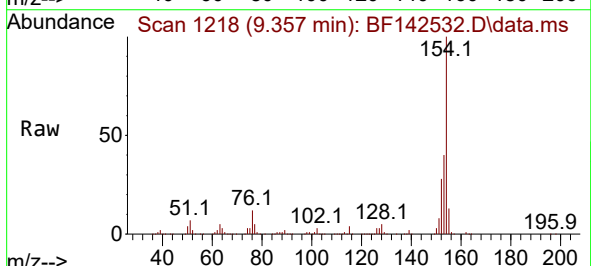
Tgt Ion:154 Resp: 818491

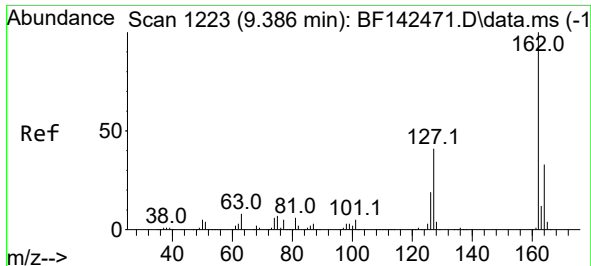
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 11.5 0.0 30.8





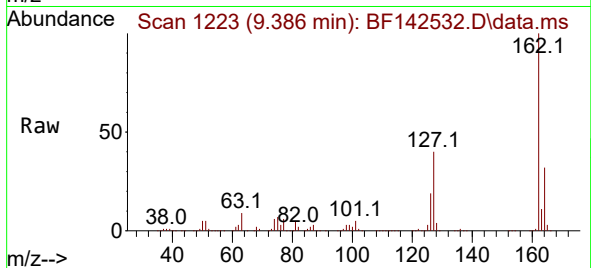
#47
2-Chloronaphthalene
Concen: 42.827 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD



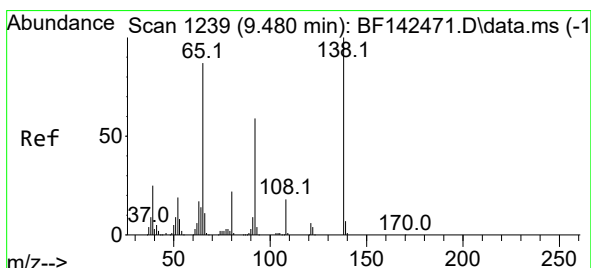
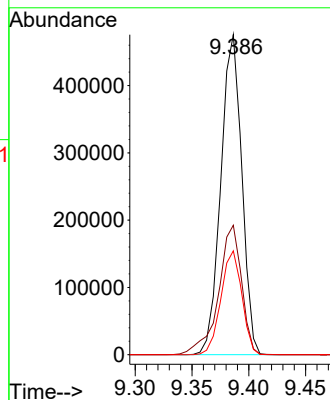
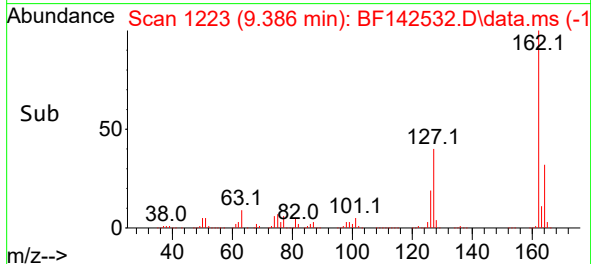
Tgt Ion:162 Resp: 611229
Ion Ratio Lower Upper
162 100
127 40.4 33.5 50.3
164 32.4 26.1 39.1

Manual Integrations

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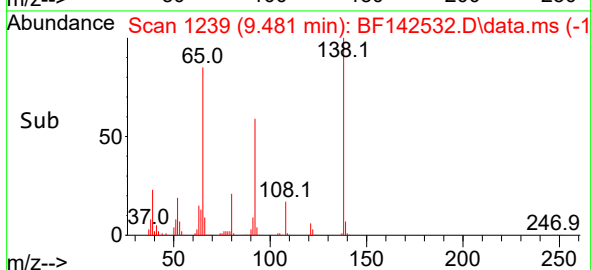
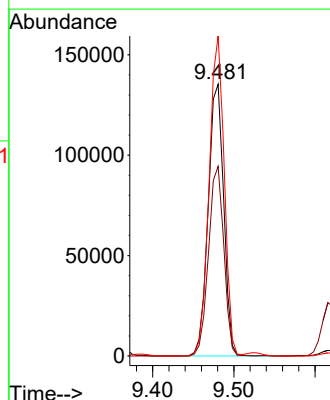
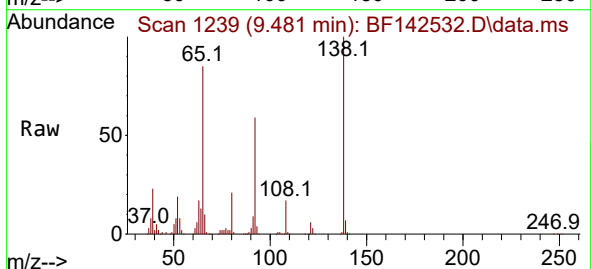
Reviewed By :Rahul Chavli 05/27/2025

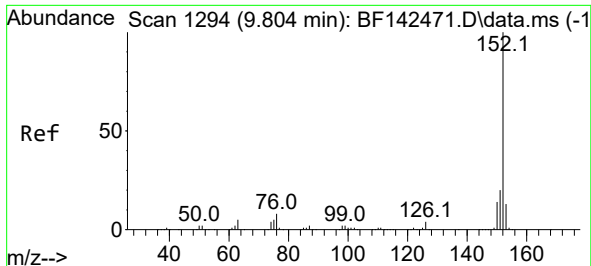
Supervised By :Jagrut Upadhyay 05/27/2025



#48
2-Nitroaniline
Concen: 43.326 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

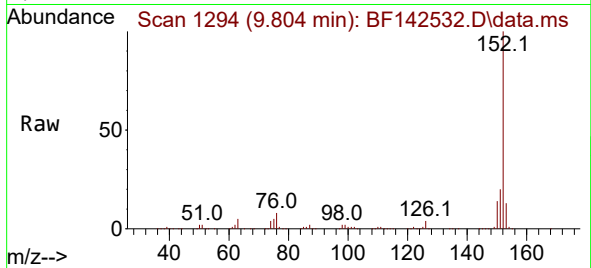
Tgt Ion: 65 Resp: 178729
Ion Ratio Lower Upper
65 100
92 69.8 54.4 81.6
138 117.8 91.4 137.2





#49
Acenaphthylene
Concen: 41.970 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

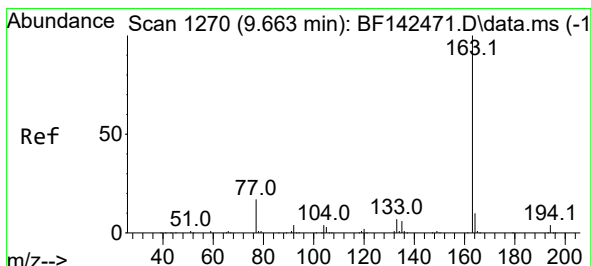
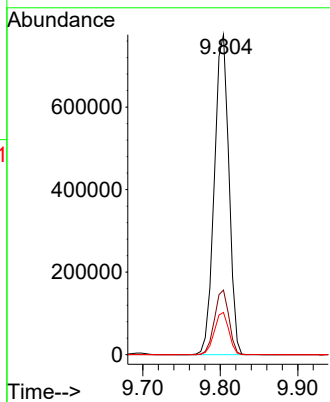
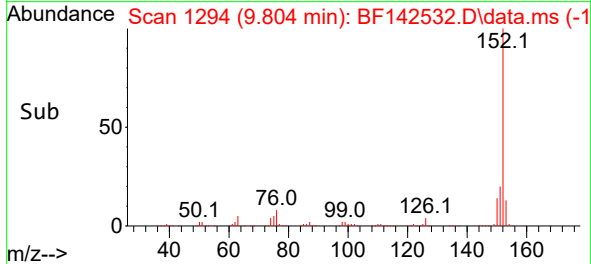
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



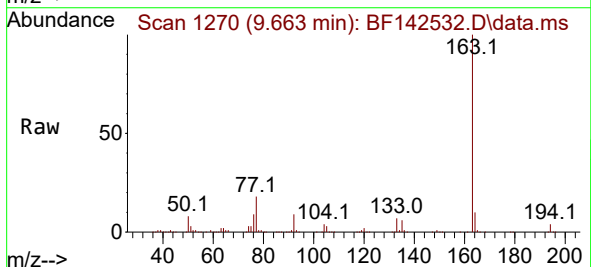
Tgt Ion:152 Resp: 101144
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.2 10.6 15.8

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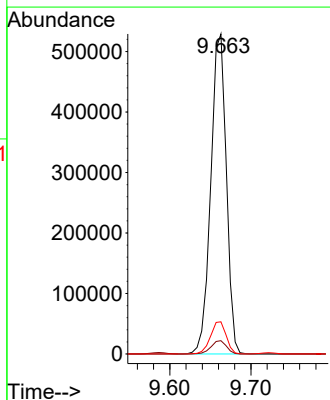
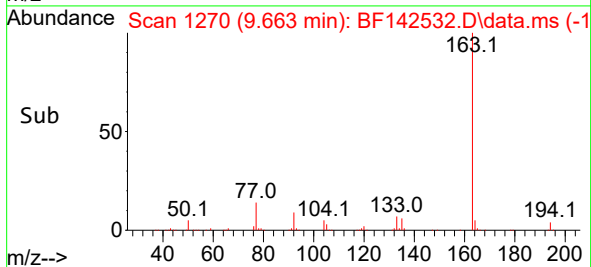
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

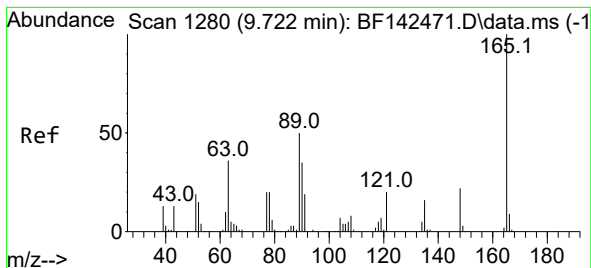


#50
Dimethylphthalate
Concen: 42.783 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



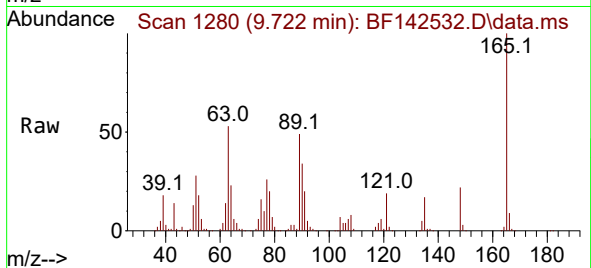
Tgt Ion:163 Resp: 702884
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 43.675 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

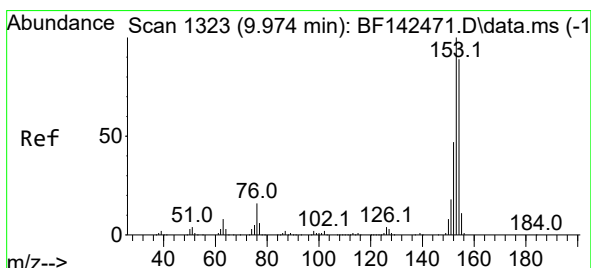
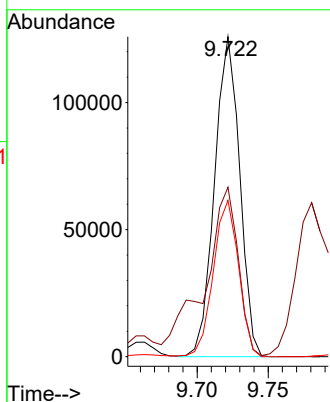
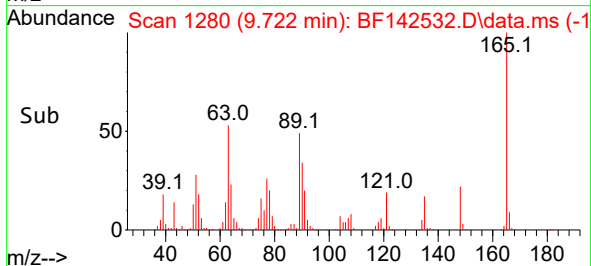
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion:165 Resp: 15486
Ion Ratio Lower Upper
165 100
63 53.0 42.9 64.3
89 48.8 40.2 60.4

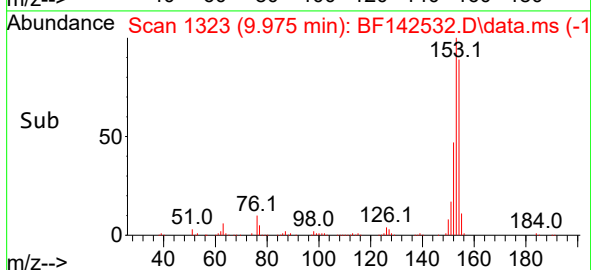
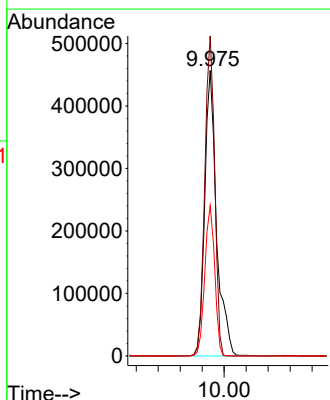
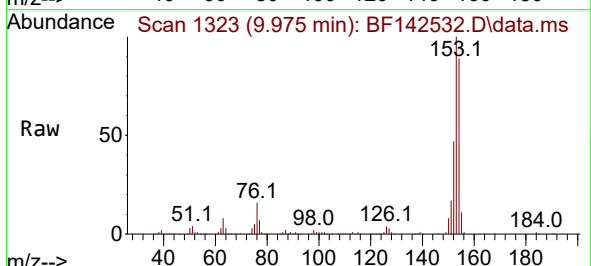
Manual Integrations
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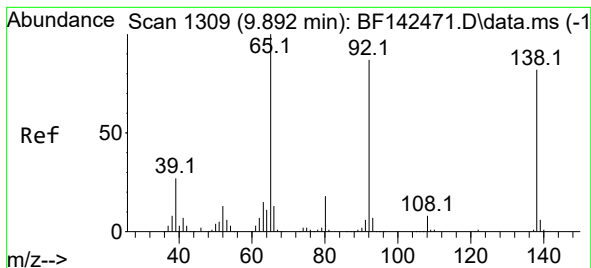
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#52
Acenaphthene
Concen: 46.347 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:154 Resp: 682029
Ion Ratio Lower Upper
154 100
153 112.1 90.0 135.0
152 52.6 42.6 64.0





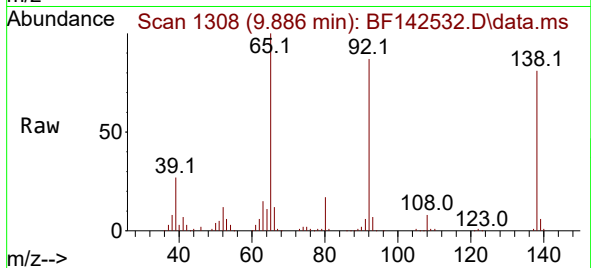
#53
3-Nitroaniline
Concen: 24.550 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD



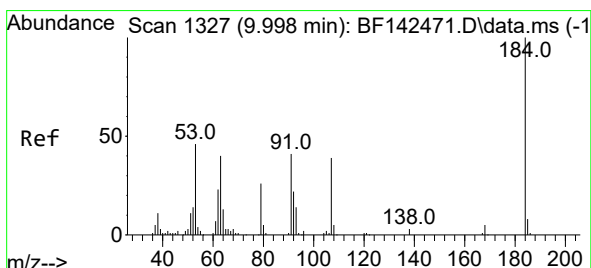
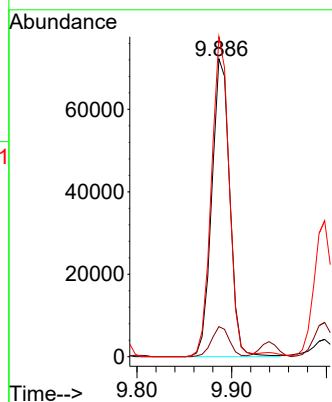
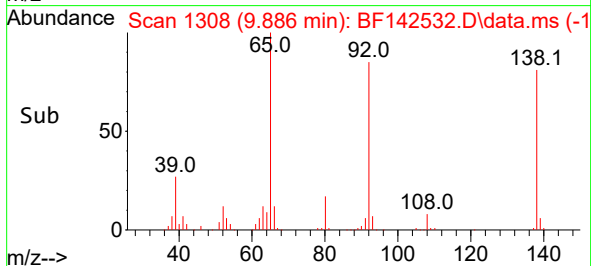
Tgt Ion:138 Resp: 95079
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 107.5 85.2 127.8

Manual Integrations

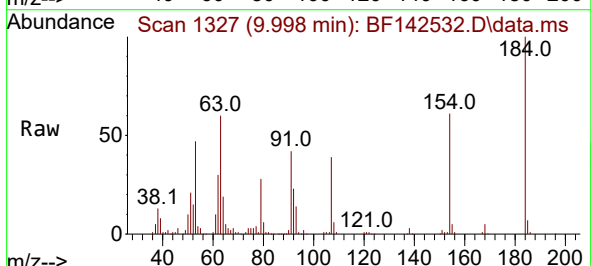
APPROVED

Reviewed By :Rahul Chavli 05/27/2025

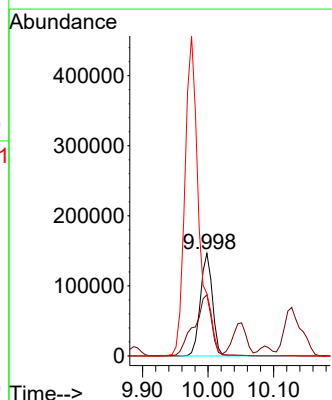
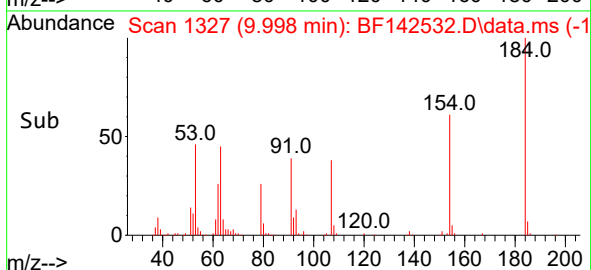
Supervised By :Jagrut Upadhyay 05/27/2025

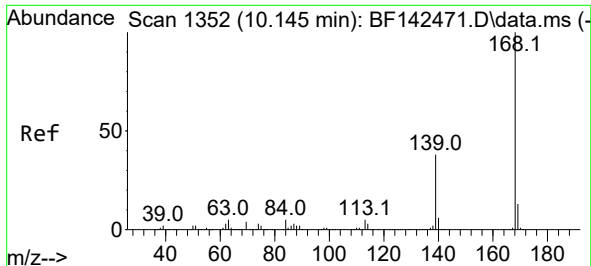


#54
2,4-Dinitrophenol
Concen: 103.665 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



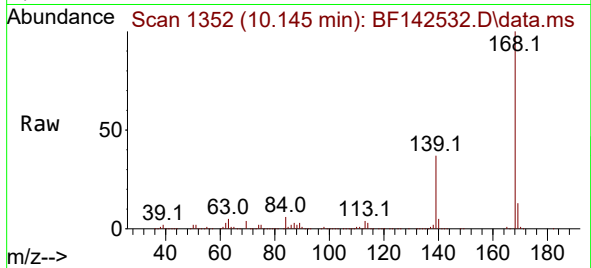
Tgt Ion:184 Resp: 189908
Ion Ratio Lower Upper
184 100
63 59.6 46.3 69.5
154 60.7 56.8 85.2





#55
Dibenzenofuran
Concen: 41.710 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

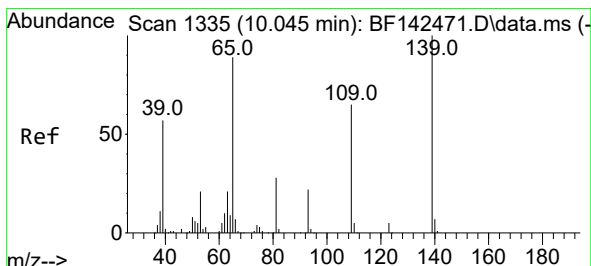
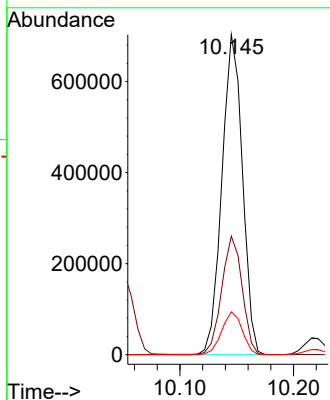
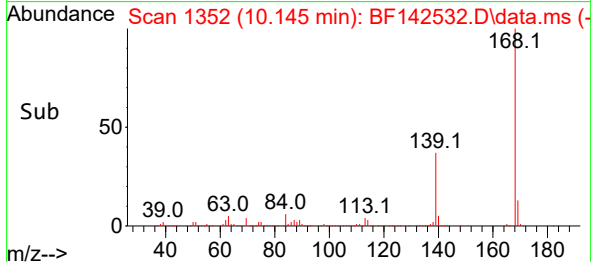
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion:168 Resp: 883252
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.2
169 13.4 10.7 16.1

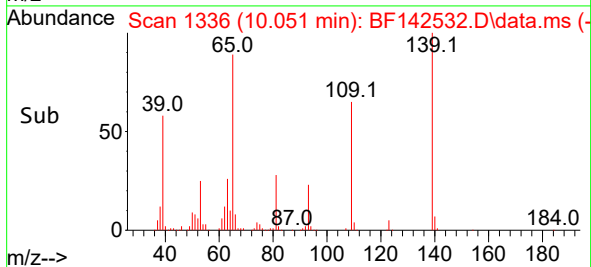
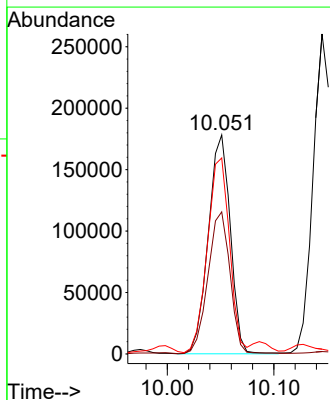
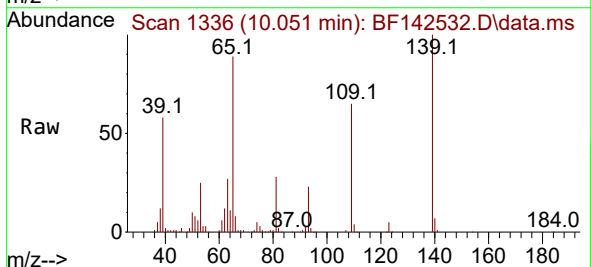
Manual Integrations
APPROVED

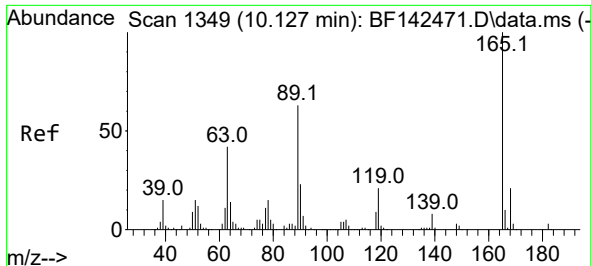
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#56
4-Nitrophenol
Concen: 89.319 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Tgt Ion:139 Resp: 255242
Ion Ratio Lower Upper
139 100
109 64.8 45.1 85.1
65 89.5 69.7 109.7





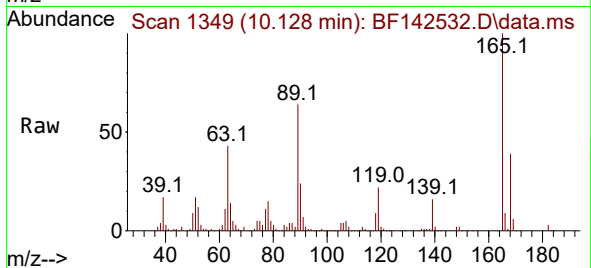
#57
2,4-Dinitrotoluene
Concen: 44.998 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD



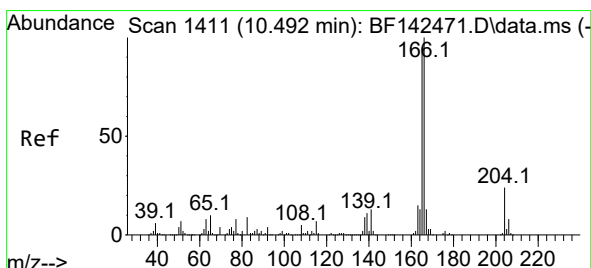
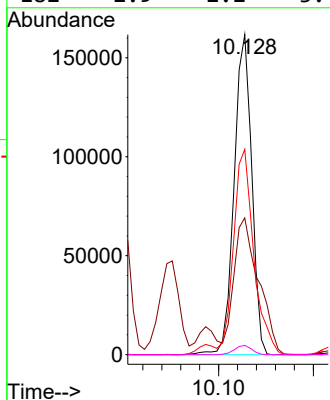
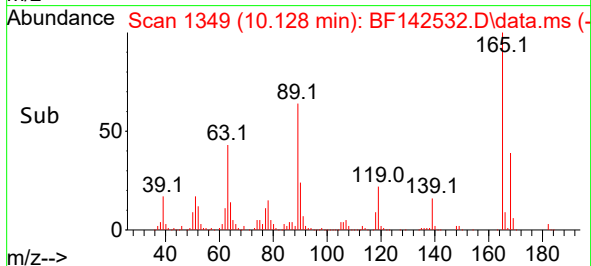
Tgt Ion:165 Resp: 208370
Ion Ratio Lower Upper
165 100
63 42.8 33.6 50.4
89 64.2 50.2 75.4
182 2.9 2.2 3.4

Manual Integrations

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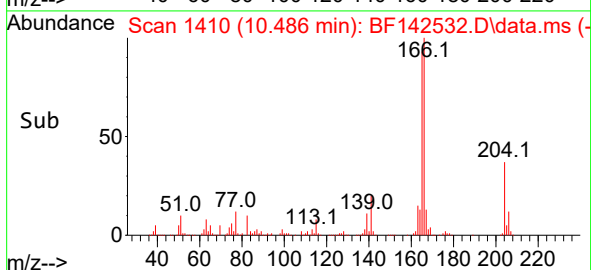
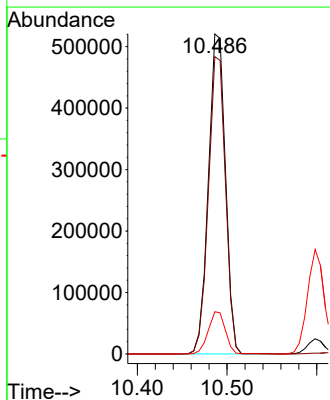
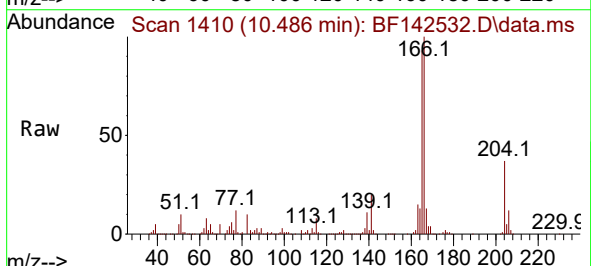
Reviewed By :Rahul Chavli 05/27/2025

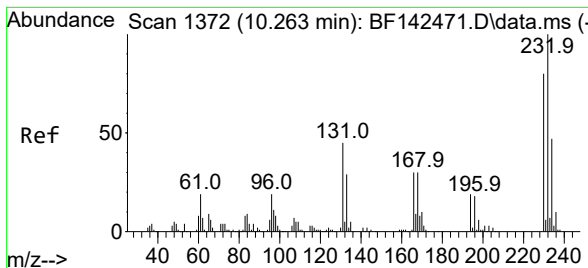
Supervised By :Jagrut Upadhyay 05/27/2025



#58
Fluorene
Concen: 41.940 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

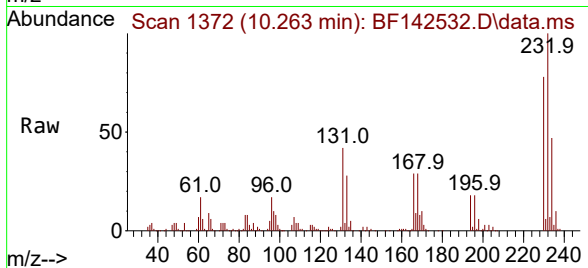
Tgt Ion:166 Resp: 686117
Ion Ratio Lower Upper
166 100
165 92.9 75.8 113.8
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.474 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

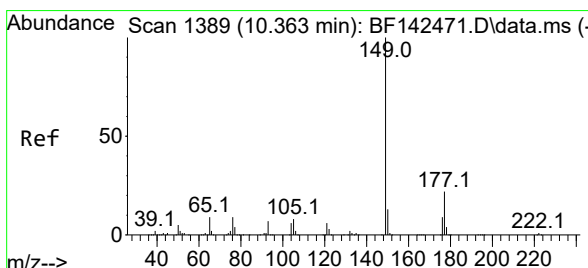
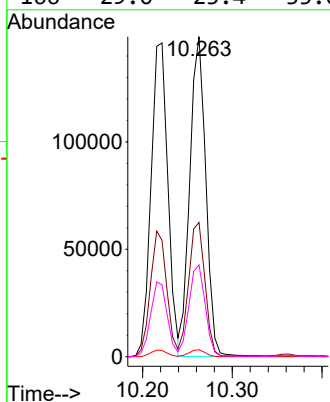
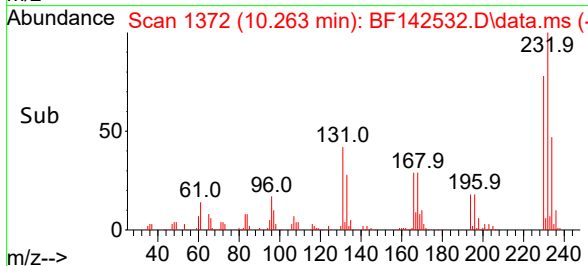
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



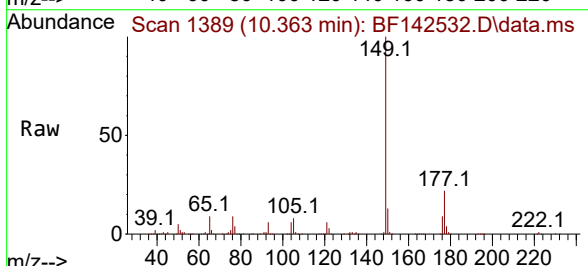
Tgt Ion:232 Resp: 184471
Ion Ratio Lower Upper
232 100
131 43.2 35.2 52.8
130 2.2 1.7 2.5
166 29.0 23.4 35.0

Manual Integrations
APPROVED

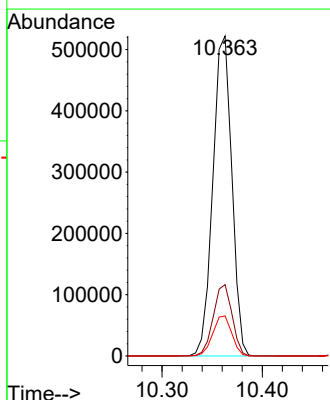
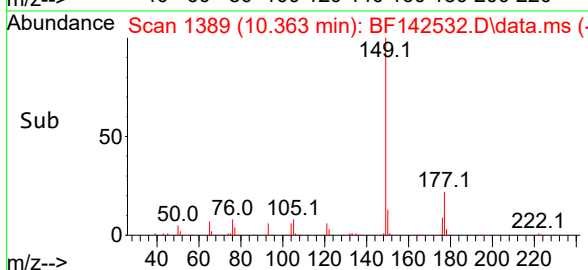
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

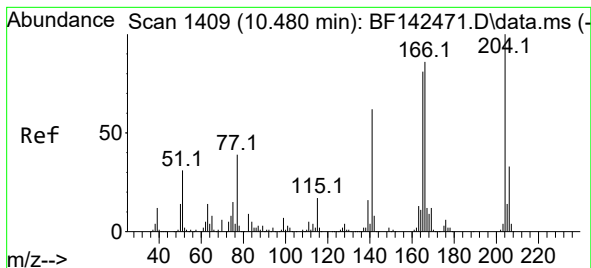


#60
Diethylphthalate
Concen: 42.747 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



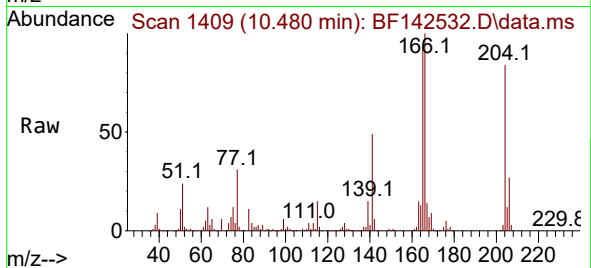
Tgt Ion:149 Resp: 685883
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.469 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

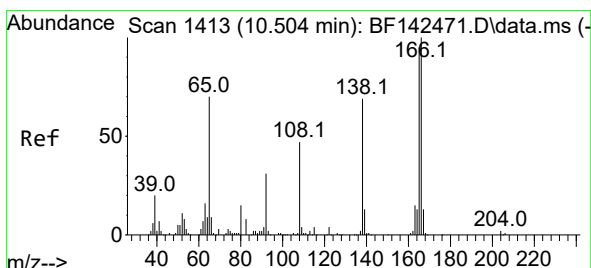
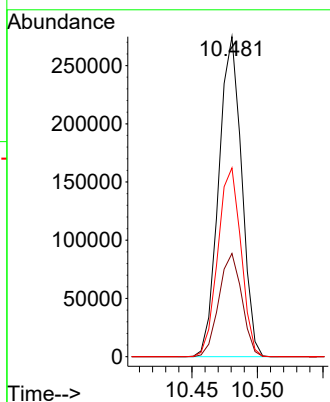
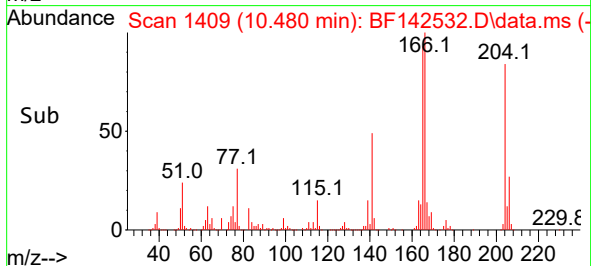
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



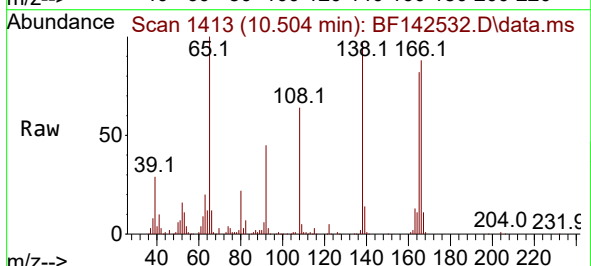
Tgt Ion:204 Resp: 333260
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 59.0 49.5 74.3

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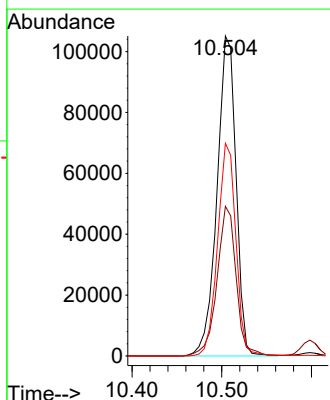
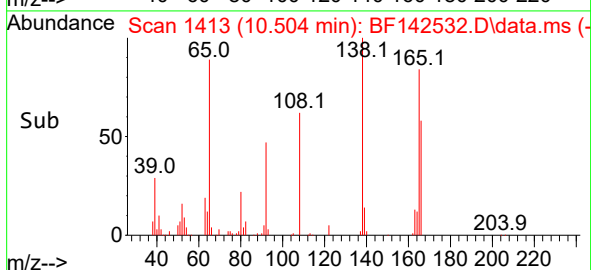
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

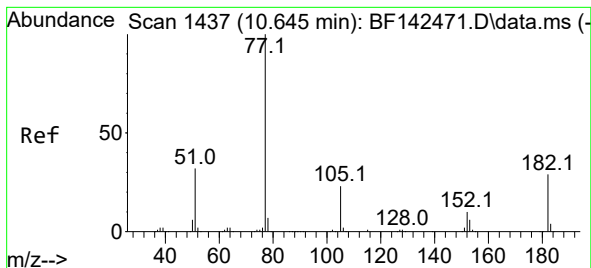


#62
4-Nitroaniline
Concen: 44.085 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



Tgt Ion:138 Resp: 154852
Ion Ratio Lower Upper
138 100
92 46.7 26.0 66.0
108 66.5 48.4 88.4





#63

Azobenzene

Concen: 46.958 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD

Tgt Ion: 77 Resp: 67674

Ion Ratio Lower Upper

77 100

182 28.7 9.0 49.0

105 24.3 2.4 42.4

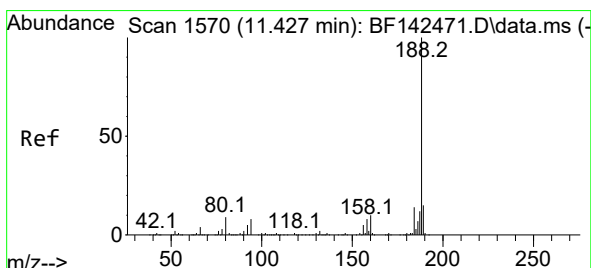
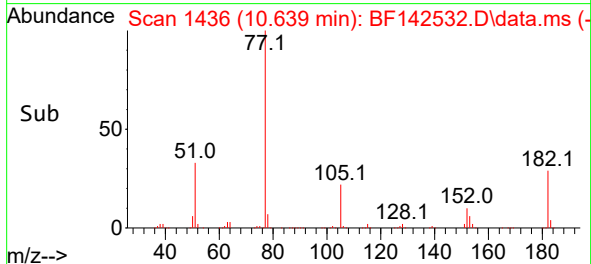
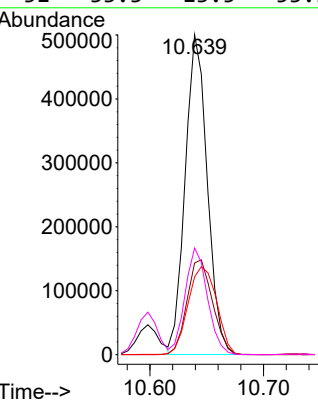
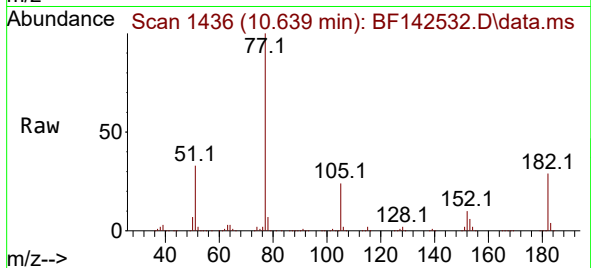
51 33.3 13.5 53.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

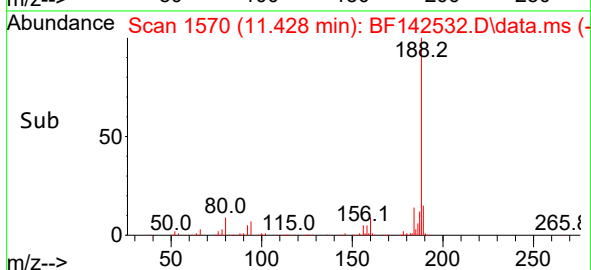
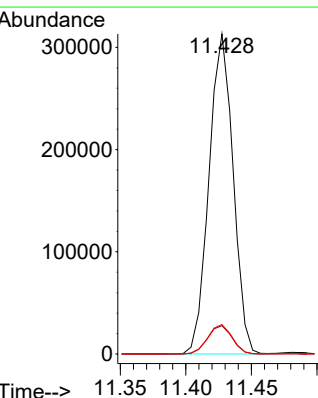
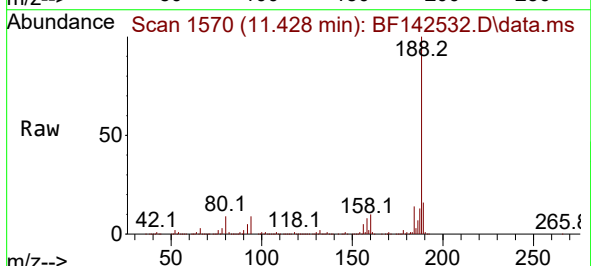
Tgt Ion:188 Resp: 400587

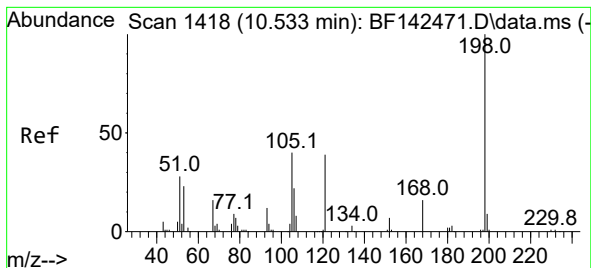
Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

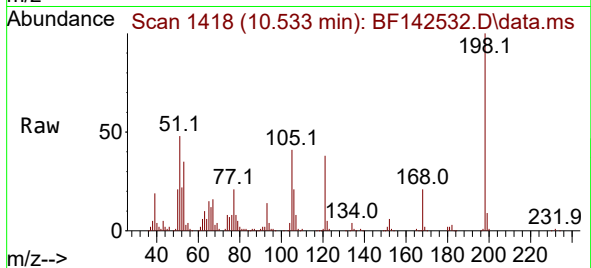
80 9.2 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 52.172 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

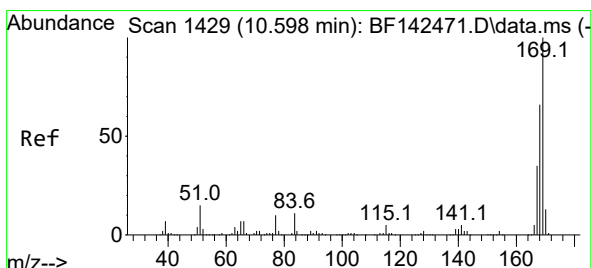
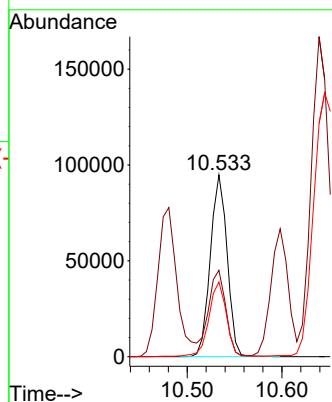
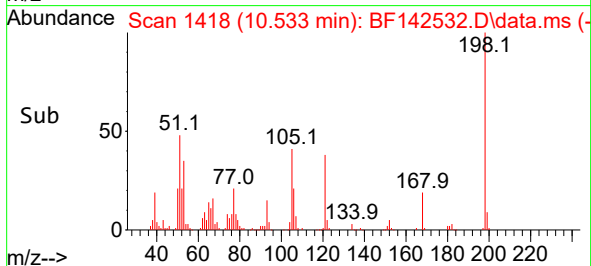
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



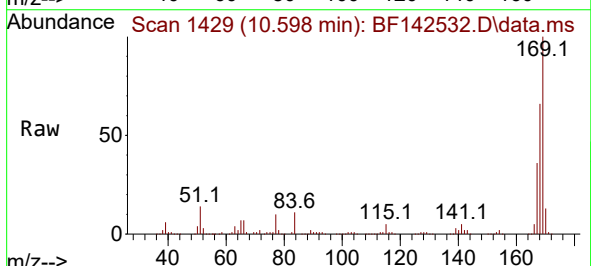
Tgt Ion:198 Resp: 116634
Ion Ratio Lower Upper
198 100
51 47.6 28.3 68.3
105 41.1 21.3 61.3

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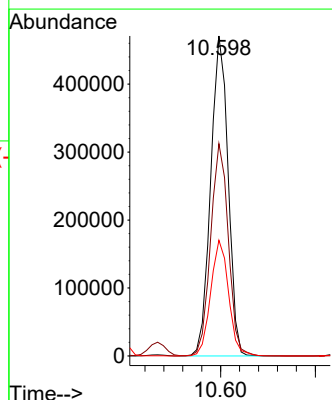
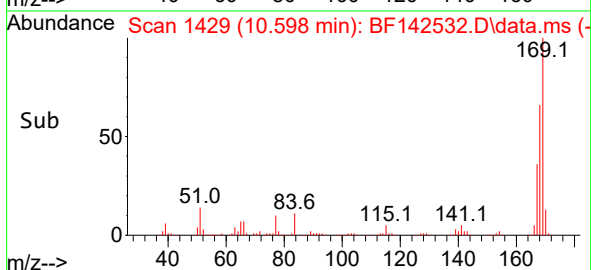
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

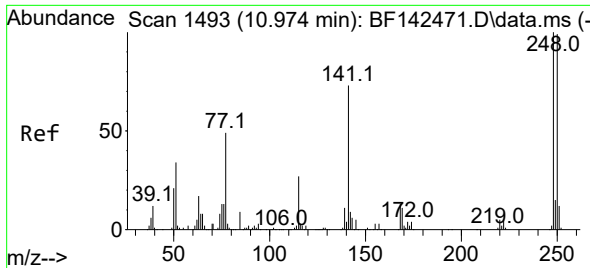


#66
n-Nitrosodiphenylamine
Concen: 43.753 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



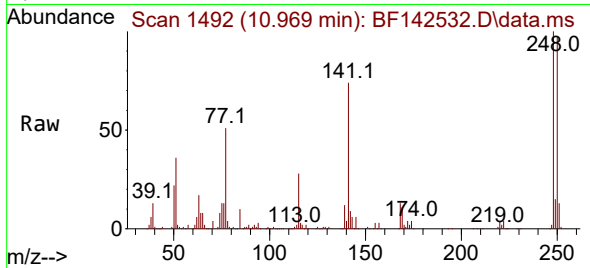
Tgt Ion:169 Resp: 599635
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 36.1 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 43.535 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

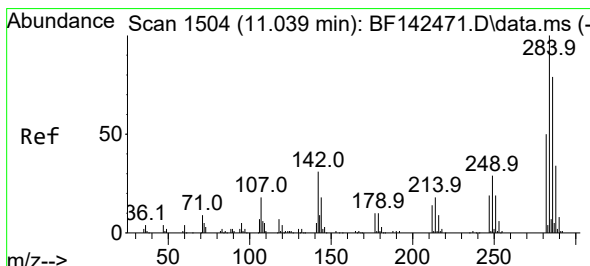
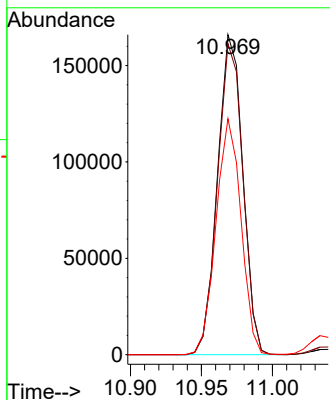
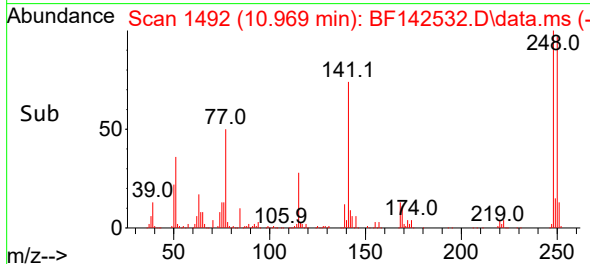
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



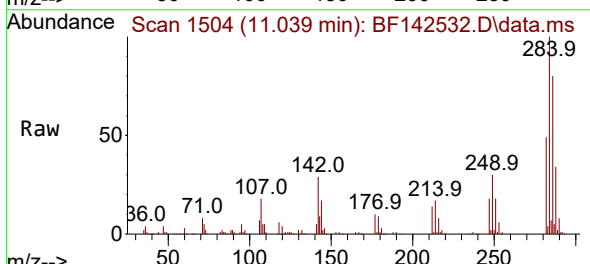
Tgt Ion:248 Resp: 20621
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.4
141 73.7 58.4 87.6

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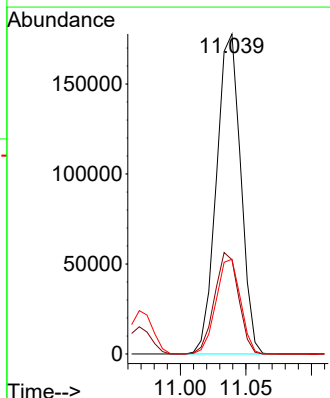
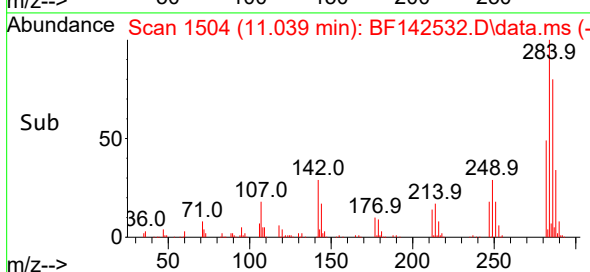
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

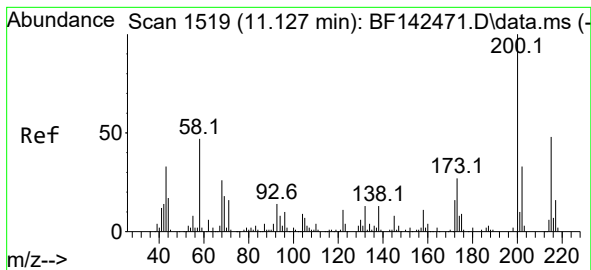


#68
Hexachlorobenzene
Concen: 43.559 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



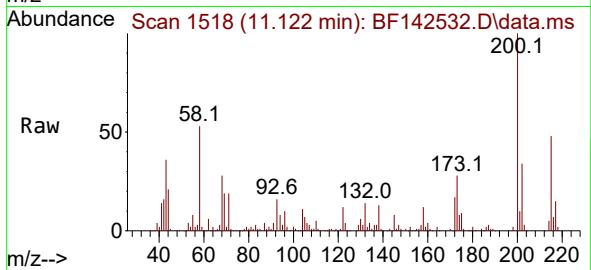
Tgt Ion:284 Resp: 228199
Ion Ratio Lower Upper
284 100
142 29.5 24.8 37.2
249 29.6 23.6 35.4





#69
 Atrazine
 Concen: 47.924 ng
 RT: 11.122 min Scan# 1518
 Delta R.T. -0.005 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

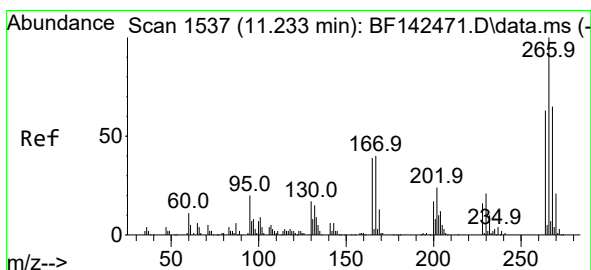
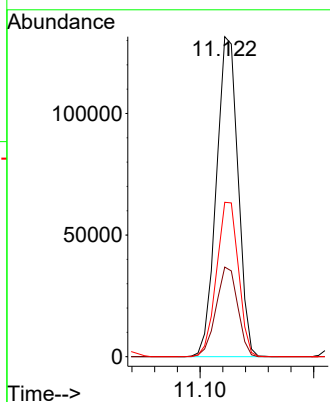
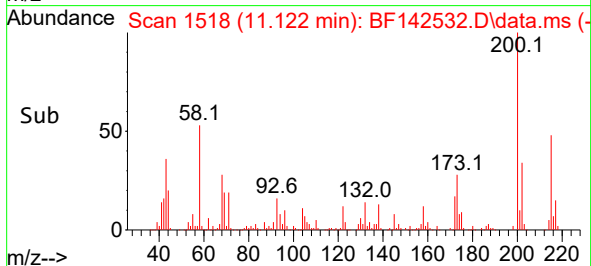
Instrument :
 BNA_F
 ClientSampleId :
 TP-45MSD



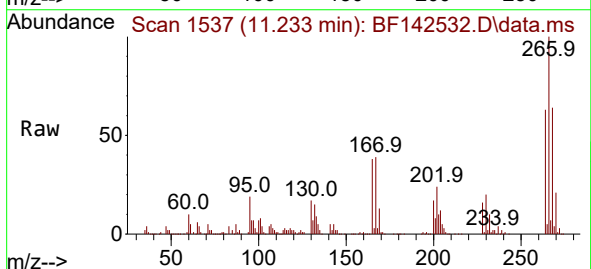
Tgt Ion:200 Resp: 17442
 Ion Ratio Lower Upper
 200 100
 173 28.0 7.4 47.4
 215 48.3 28.5 68.5

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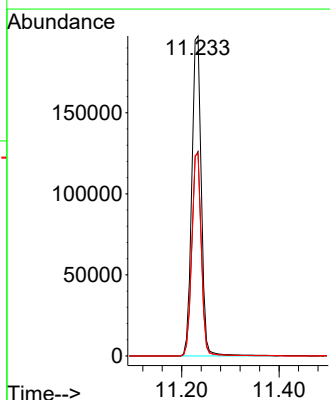
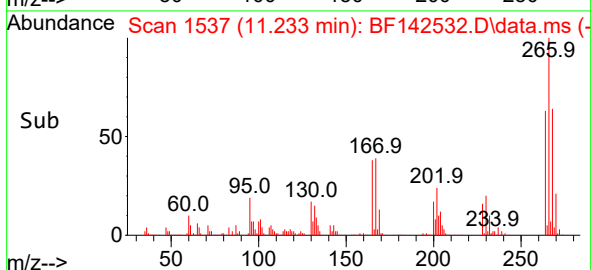
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

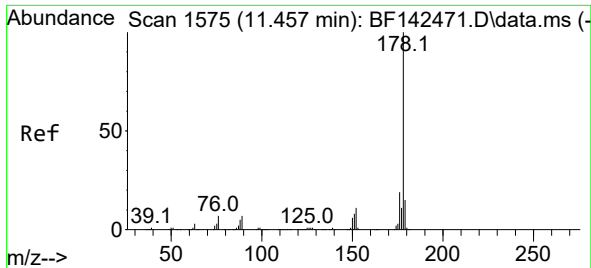


#70
 Pentachlorophenol
 Concen: 91.158 ng
 RT: 11.233 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41



Tgt Ion:266 Resp: 269625
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.7 77.5
 264 63.1 50.4 75.6





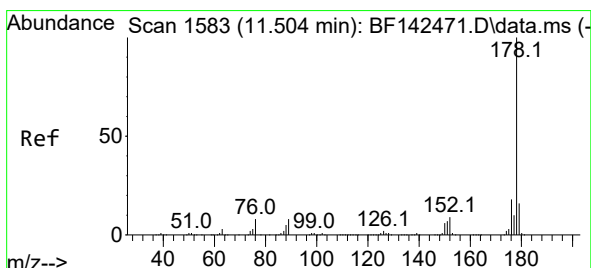
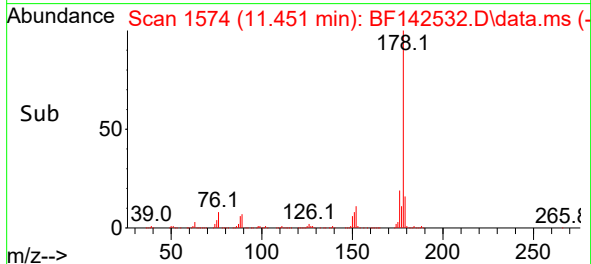
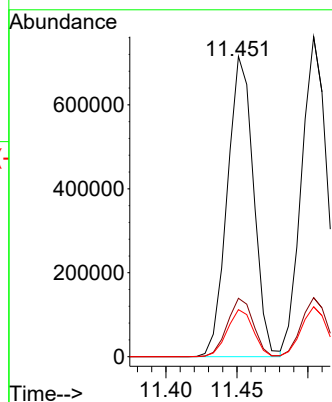
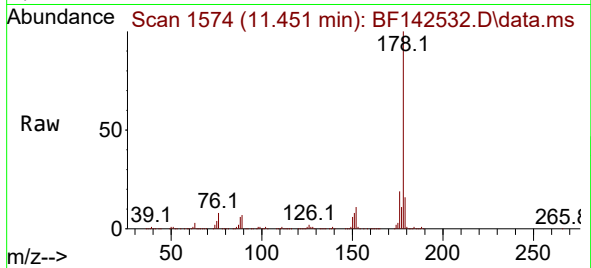
#71
Phenanthrene
Concen: 43.049 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

Instrument :
BNA_F
ClientSampleId :
TP-45MSD

Tgt Ion:178 Resp: 921600
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.7 12.3 18.5

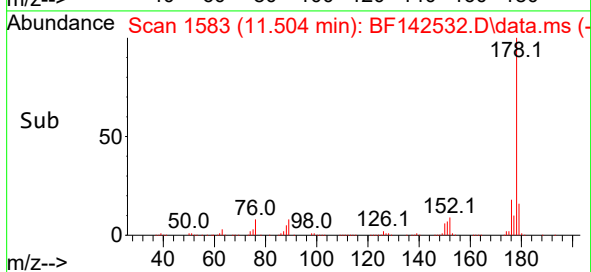
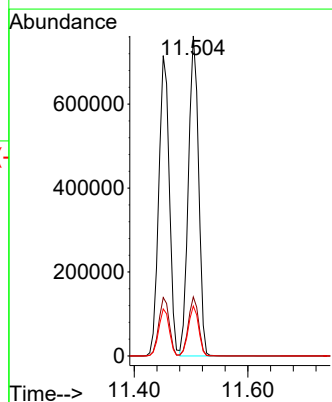
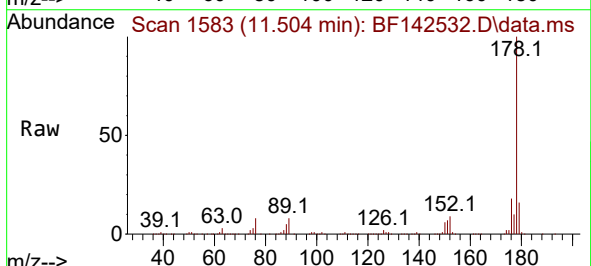
Manual Integrations
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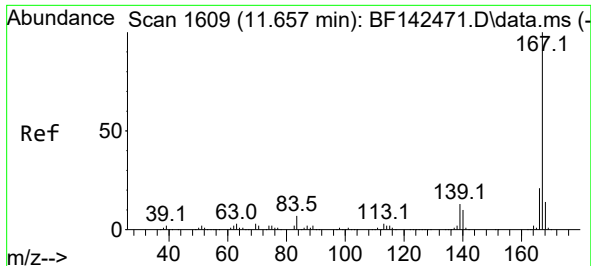
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#72
Anthracene
Concen: 43.424 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

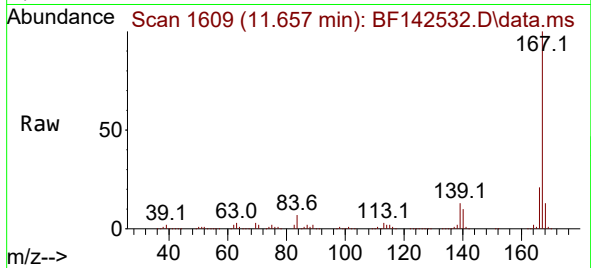
Tgt Ion:178 Resp: 948760
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 44.060 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

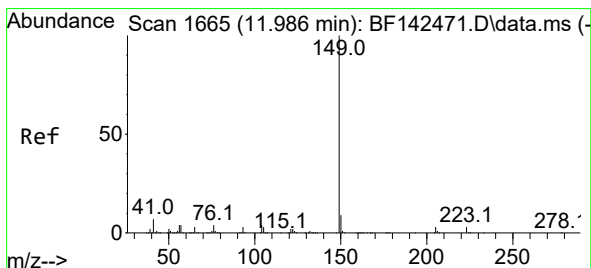
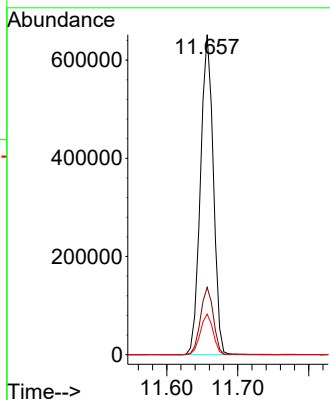
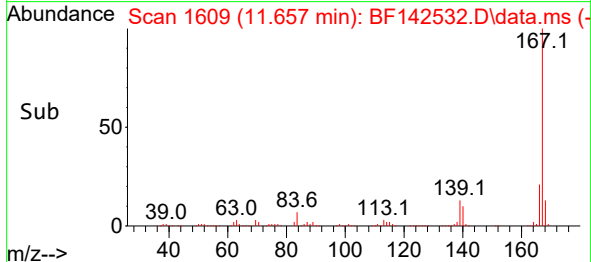
Instrument :
 BNA_F
 ClientSampleId :
 TP-45MSD



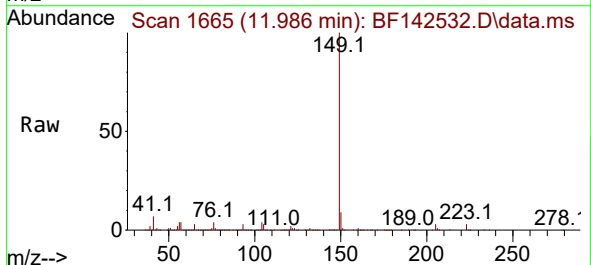
Tgt Ion:167 Resp: 822958
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.9 25.3
 139 12.7 10.2 15.4

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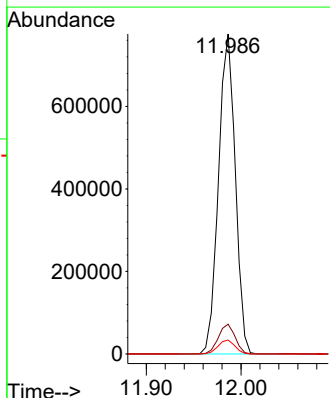
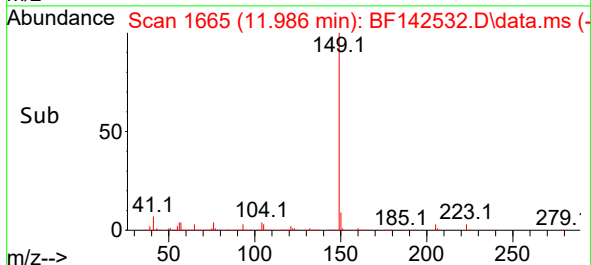
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

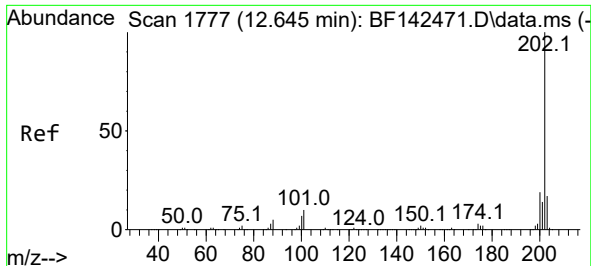


#74
 Di-n-butylphthalate
 Concen: 46.731 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41



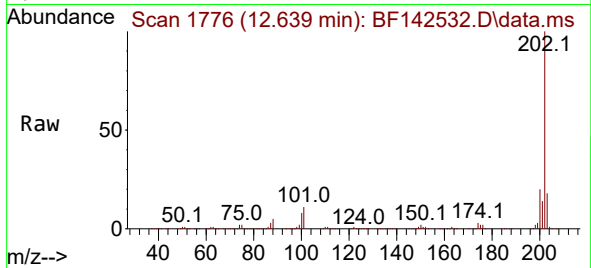
Tgt Ion:149 Resp: 955418
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 43.541 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

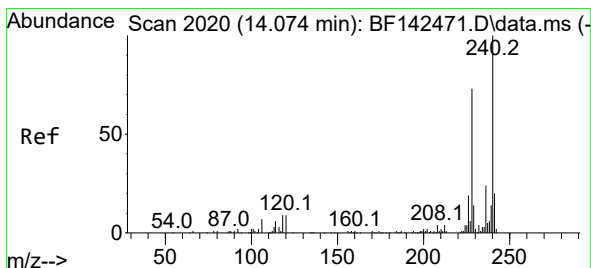
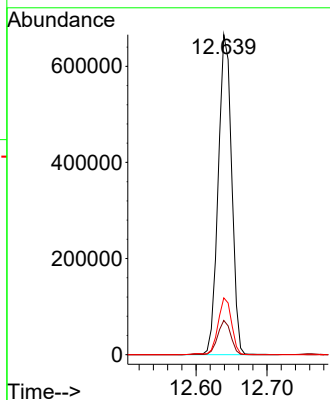
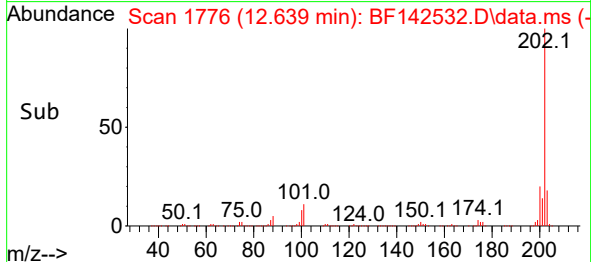
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion:202 Resp: 87098
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.6
203 17.8 0.0 37.2

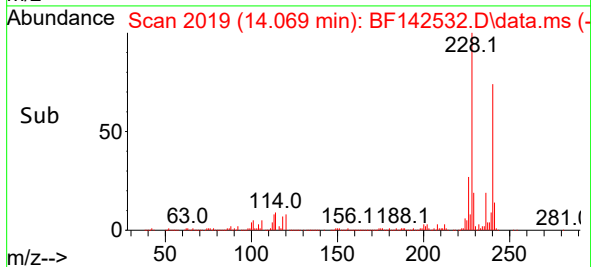
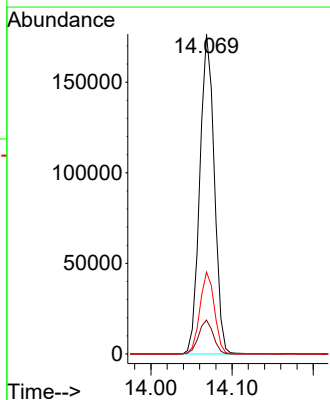
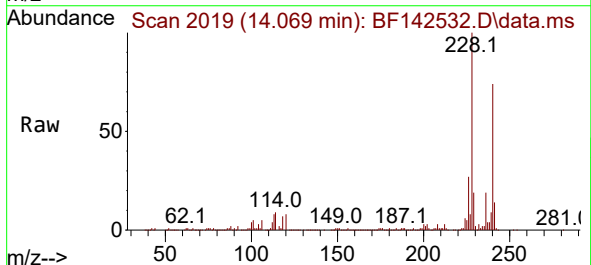
Manual Integrations
APPROVED

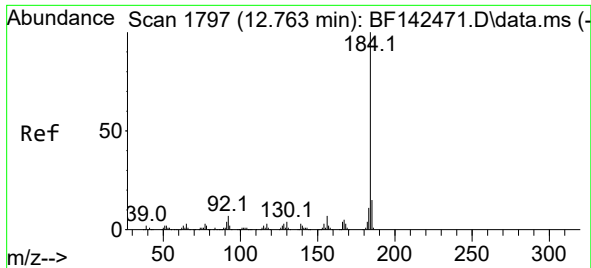
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

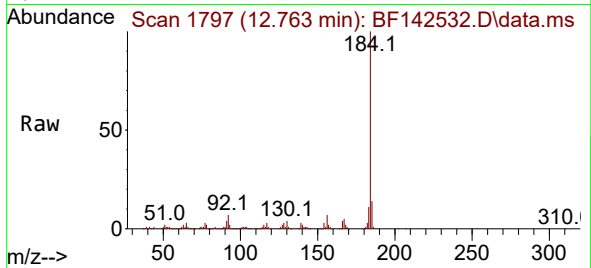
Tgt Ion:240 Resp: 218790
Ion Ratio Lower Upper
240 100
120 10.6 7.5 11.3
236 25.6 19.6 29.4





#77
Benzidine
Concen: 46.379 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

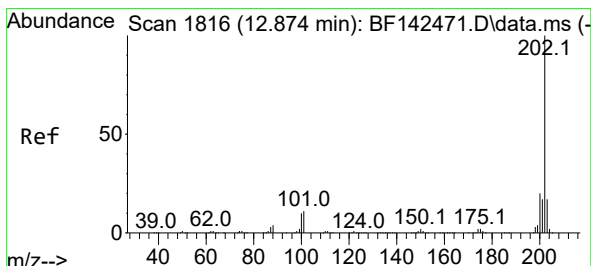
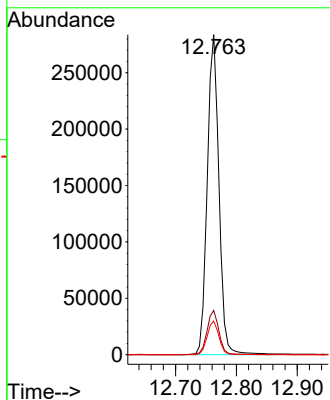
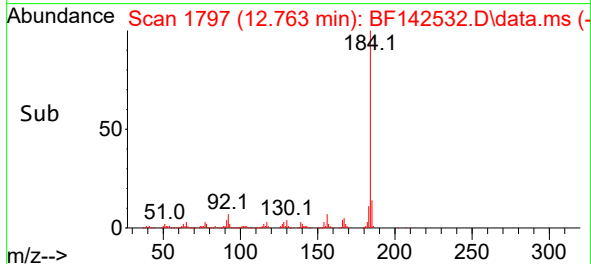
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



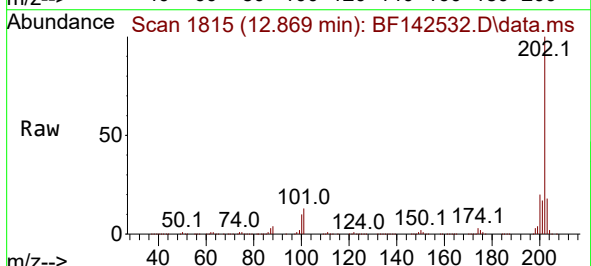
Tgt Ion:184 Resp: 37761
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 10.5 9.0 13.4

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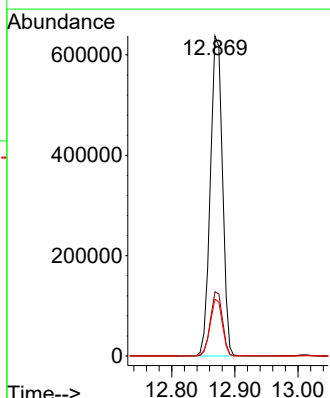
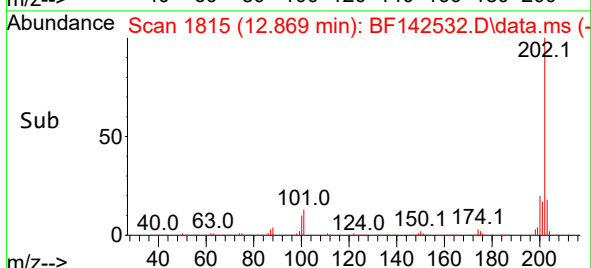
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

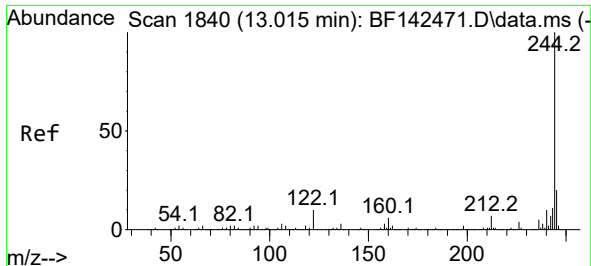


#78
Pyrene
Concen: 41.571 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



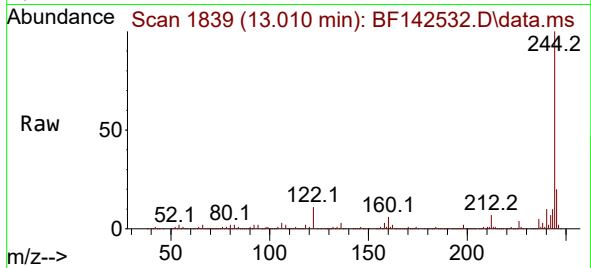
Tgt Ion:202 Resp: 848467
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.7 13.9 20.9





#79
 Terphenyl-d14
 Concen: 55.777 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41

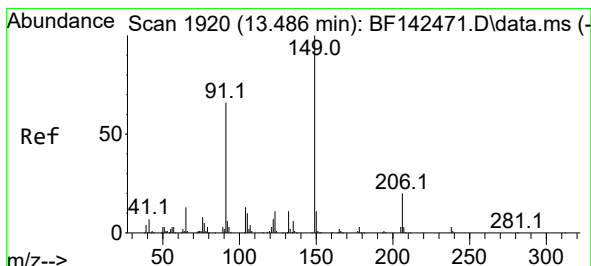
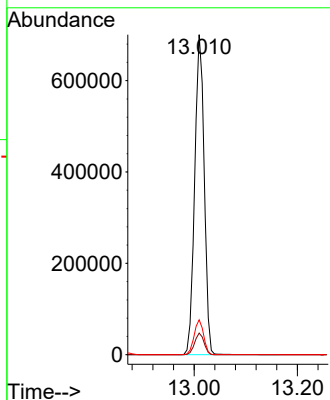
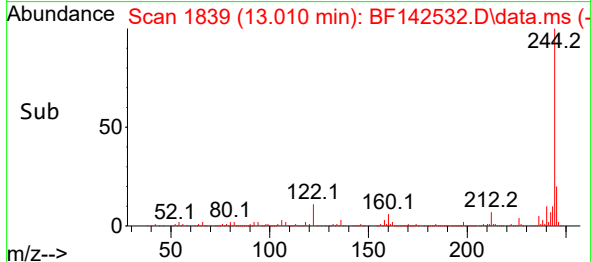
Instrument :
 BNA_F
 ClientSampleId :
 TP-45MSD



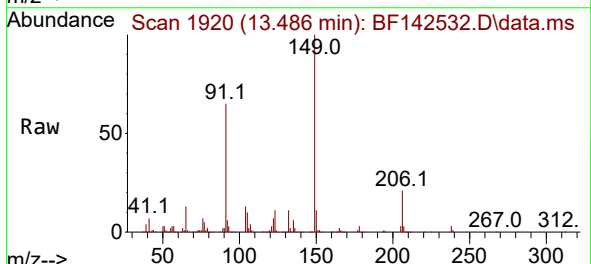
Tgt Ion:244 Resp: 89301
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.9 8.2 12.2

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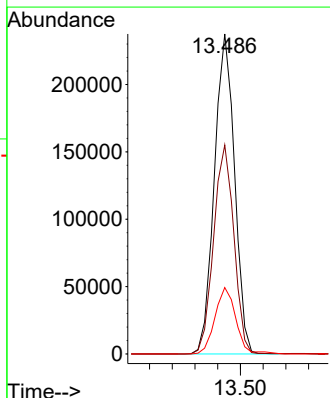
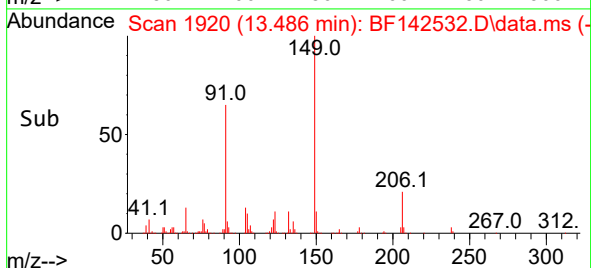
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

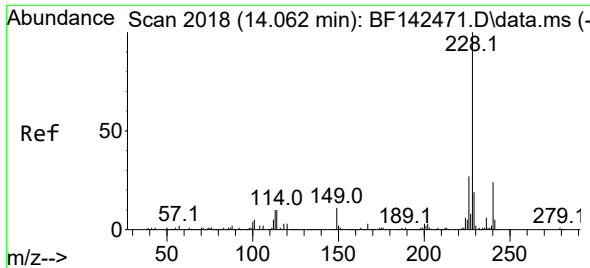


#80
 Butylbenzylphthalate
 Concen: 52.067 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142532.D
 Acq: 23 May 2025 13:41



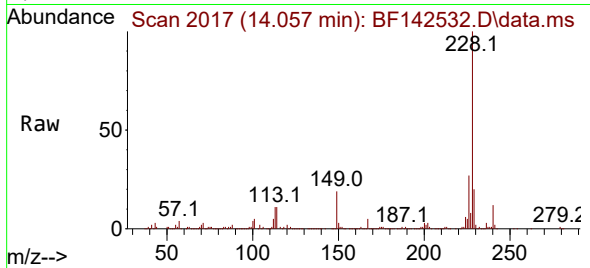
Tgt Ion:149 Resp: 293638
 Ion Ratio Lower Upper
 149 100
 91 65.3 52.9 79.3
 206 20.7 16.2 24.2





#81
Benzo(a)anthracene
Concen: 42.929 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

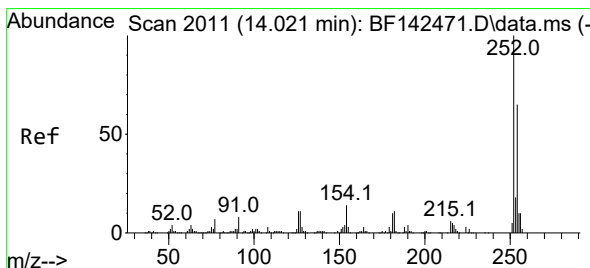
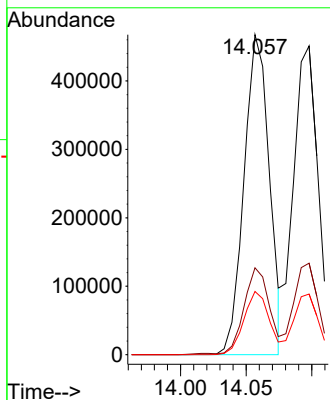
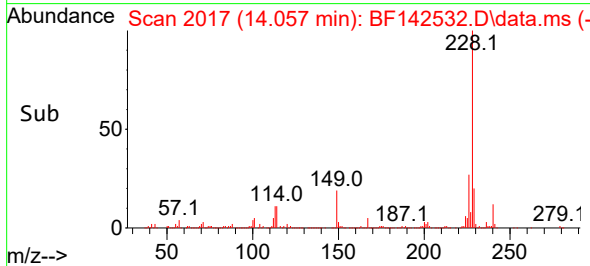
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



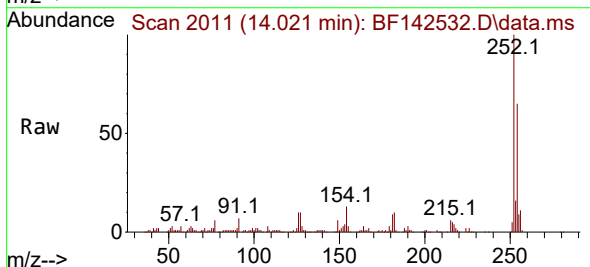
Tgt Ion:228 Resp: 627185
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 19.7 15.5 23.3

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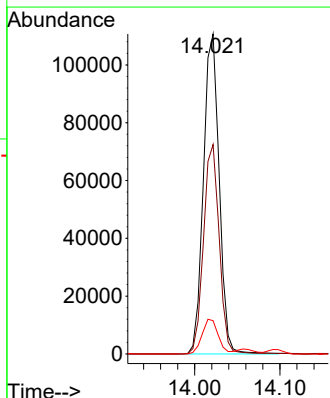
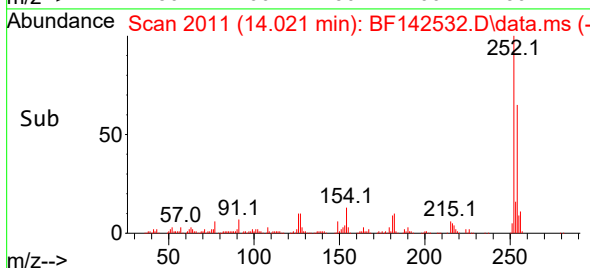
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

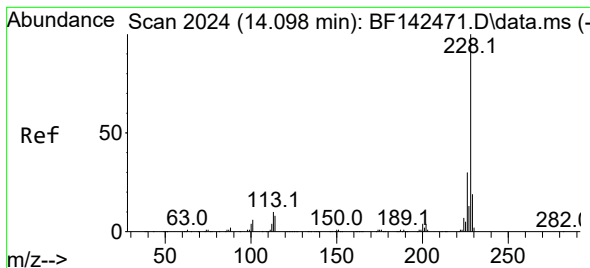


#82
3,3'-Dichlorobenzidine
Concen: 32.155 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



Tgt Ion:252 Resp: 142487
Ion Ratio Lower Upper
252 100
254 65.5 52.0 78.0
126 10.4 8.9 13.3





#83

Chrysene

Concen: 44.819 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142532.D

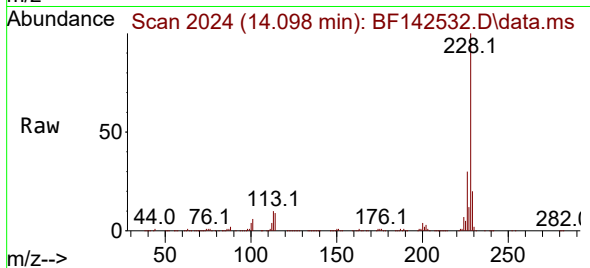
Acq: 23 May 2025 13:41

Instrument :

BNA_F

ClientSampleId :

TP-45MSD



Tgt Ion:228 Resp: 58837

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

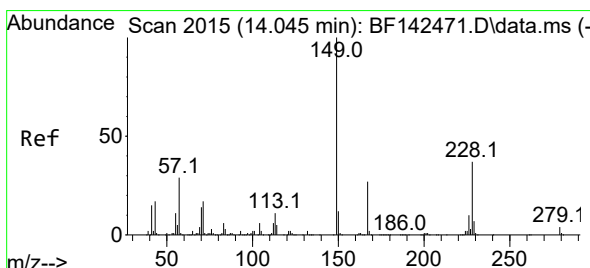
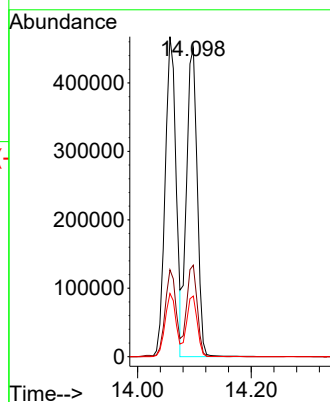
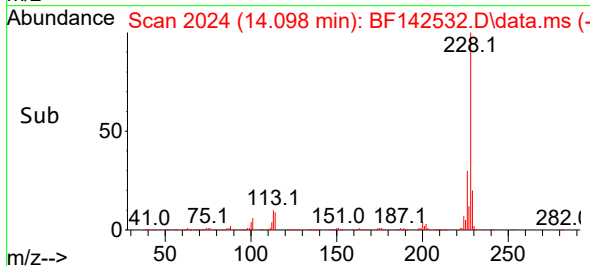
229 19.7 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.701 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142532.D

Acq: 23 May 2025 13:41

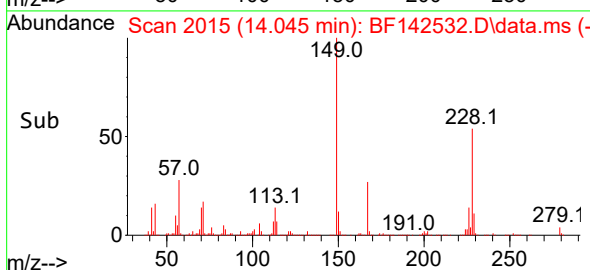
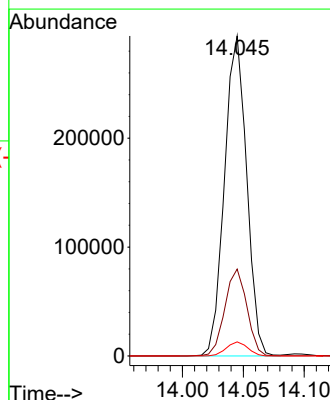
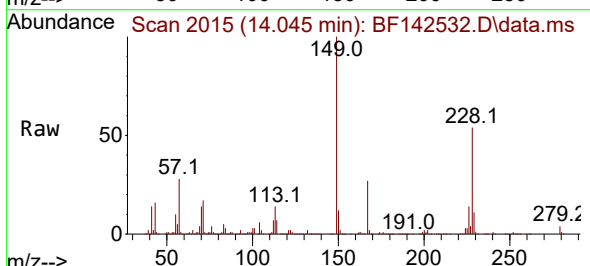
Tgt Ion:149 Resp: 373256

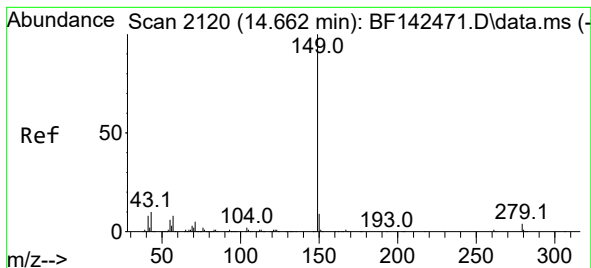
Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

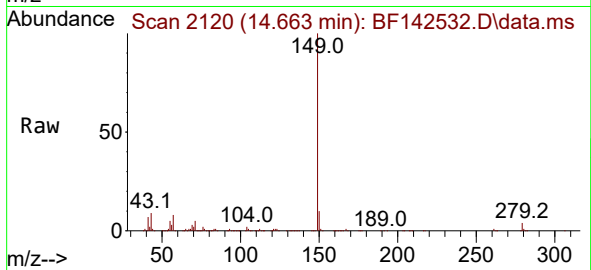
279 4.4 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 44.461 ng
RT: 14.663 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

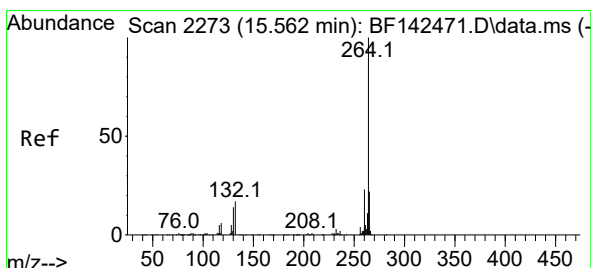
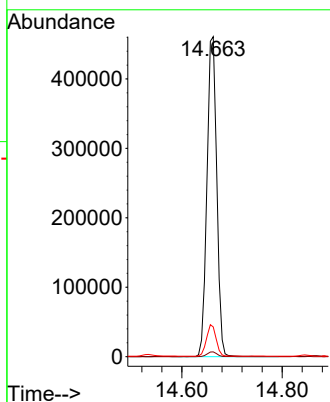
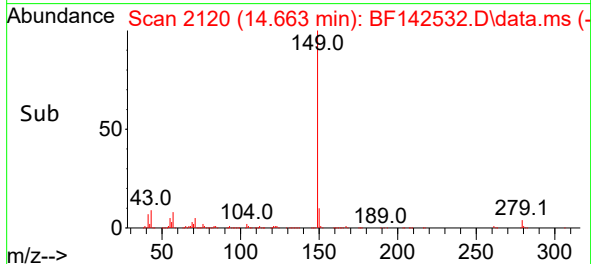
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion:149 Resp: 62763
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 7.9 11.9

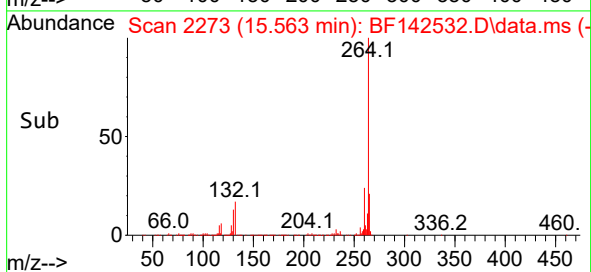
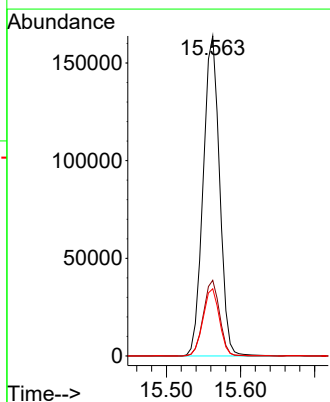
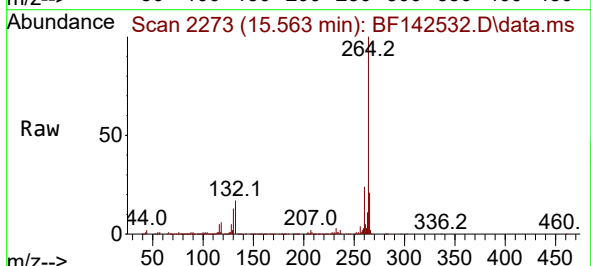
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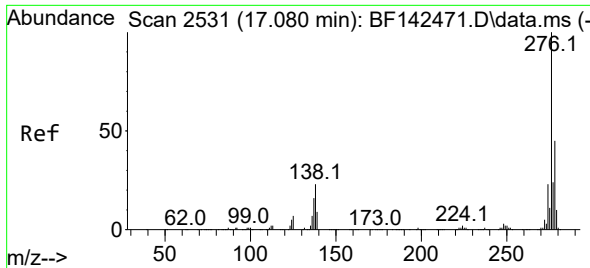
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

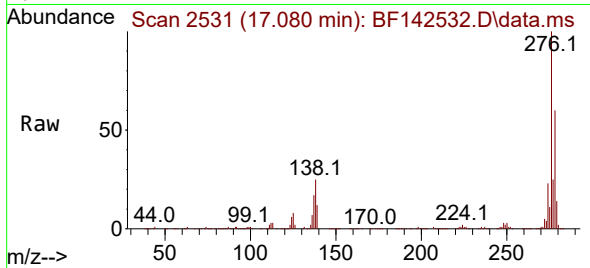
Tgt Ion:264 Resp: 251763
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.0 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.997 ng
RT: 17.080 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

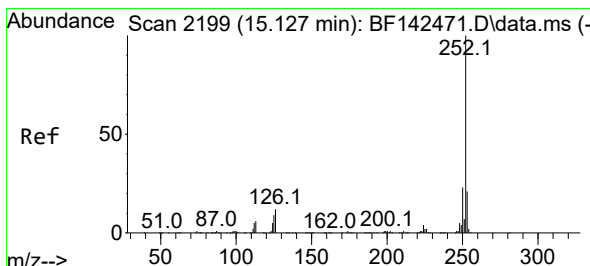
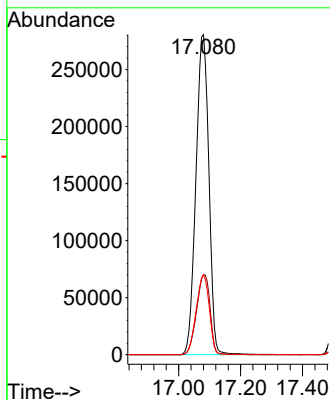
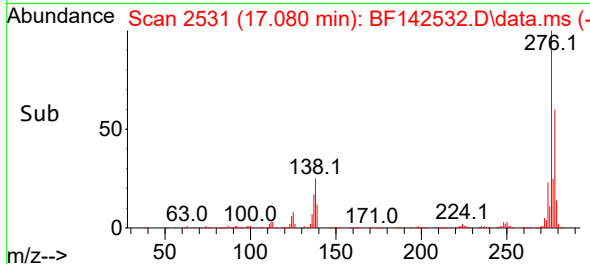
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



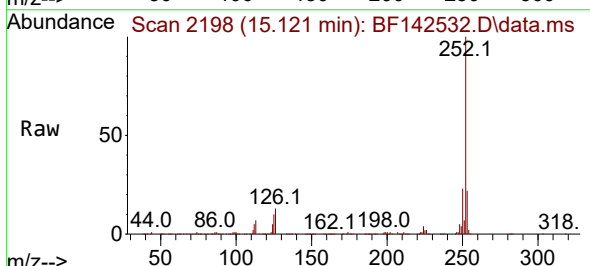
Tgt Ion:276 Resp: 812672
Ion Ratio Lower Upper
276 100
138 25.9 19.9 29.9
277 25.3 20.2 30.2

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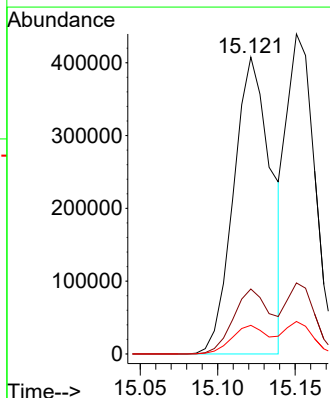
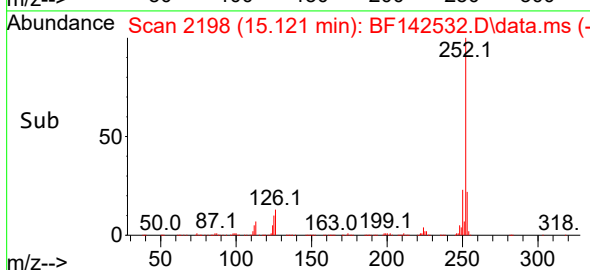
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

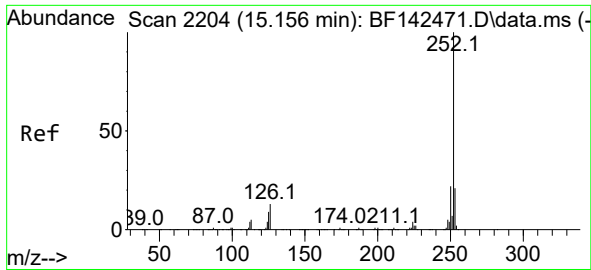


#88
Benzo(b)fluoranthene
Concen: 46.150 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



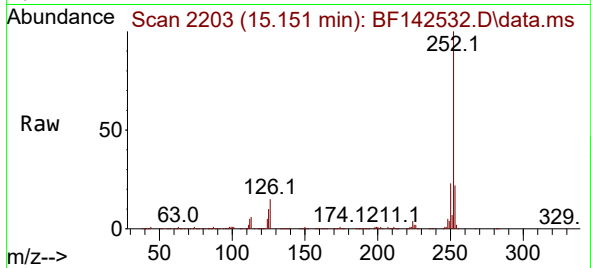
Tgt Ion:252 Resp: 687661
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 9.6 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 39.838 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

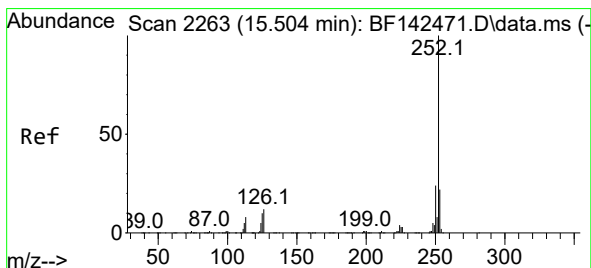
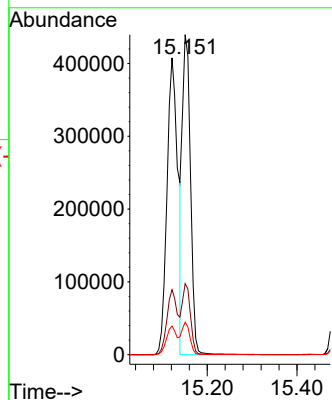
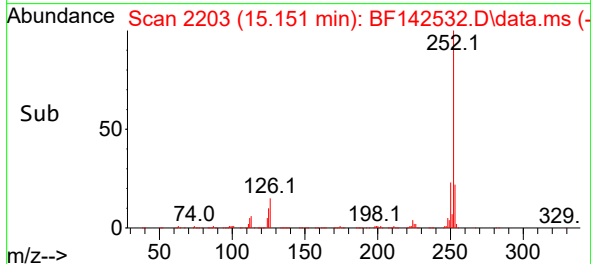
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



Tgt Ion:252 Resp: 555974
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 10.2 7.3 10.9

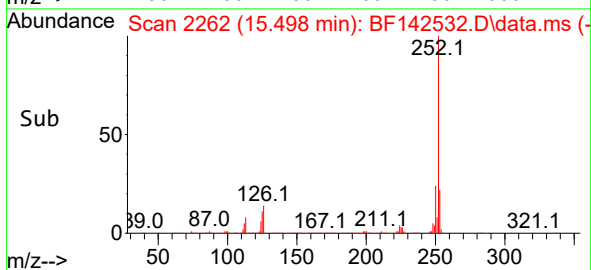
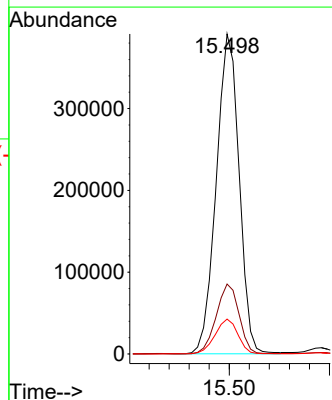
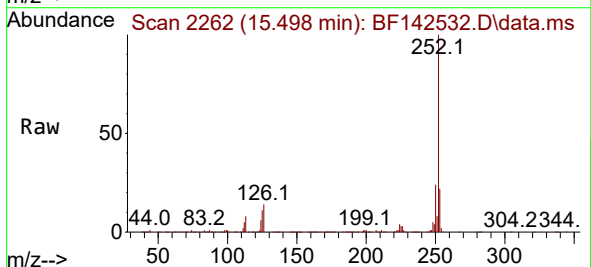
Manual Integrations
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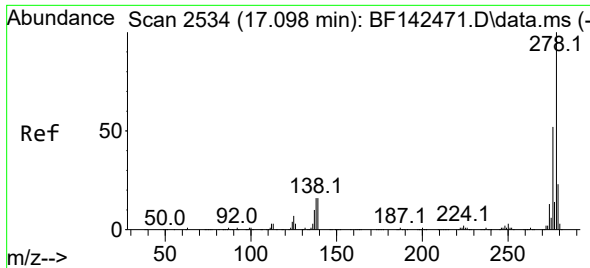
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#90
Benzo(a)pyrene
Concen: 43.957 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

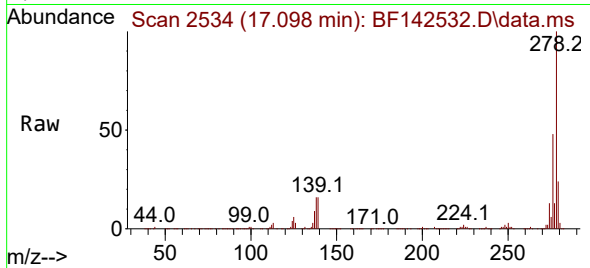
Tgt Ion:252 Resp: 617384
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.9 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 42.827 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41

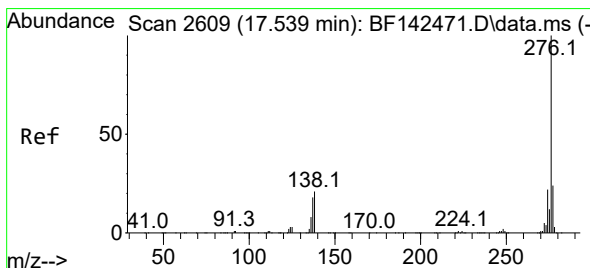
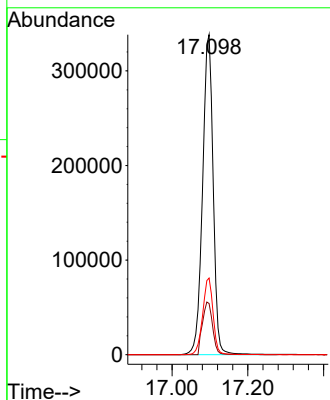
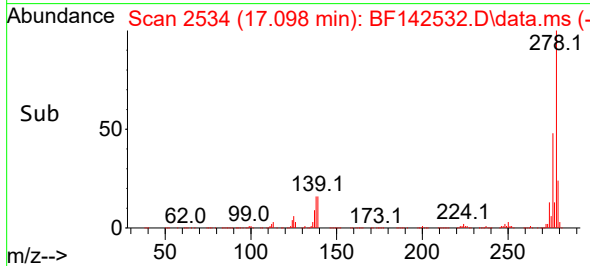
Instrument :
BNA_F
ClientSampleId :
TP-45MSD



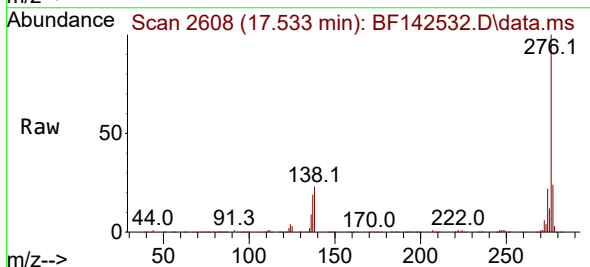
Tgt Ion:278 Resp: 65651
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 24.0 18.6 28.0

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: 43.032 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142532.D
Acq: 23 May 2025 13:41



Tgt Ion:276 Resp: 659798
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 23.1 16.8 25.2

