

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143371.D
 Acq On : 13 Aug 2025 13:12
 Operator : RC/JU
 Sample : Q2808-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 13 13:56:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.933	152	204222	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	798961	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	450354	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	728251	20.000	ng	0.00
76) Chrysene-d12	14.092	240	441399	20.000	ng	0.00
86) Perylene-d12	15.580	264	383048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.586	112	1311902	111.086	ng	0.02
7) Phenol-d6	6.569	99	1604430	105.941	ng	0.00
23) Nitrobenzene-d5	7.492	82	1218297	94.958	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	538851	163.721	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	2143359	80.706	ng	0.00
79) Terphenyl-d14	13.033	244	2165295	87.580	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.004	88	207831	34.009	ng	# 82
3) Pyridine	3.698	79	533564	32.765	ng	99
4) n-Nitrosodimethylamine	3.628	42	309224	40.764	ng	98
6) Aniline	6.592	93	315305	14.768	ng	# 30
8) 2-Chlorophenol	6.722	128	543348	43.057	ng	98
9) Benzaldehyde	6.481	77	177248	17.708	ng	98
10) Phenol	6.586	94	617994	34.446	ng	95
11) bis(2-Chloroethyl)ether	6.663	93	562442	42.536	ng	99
12) 1,3-Dichlorobenzene	6.875	146	572659	39.343	ng	99
13) 1,4-Dichlorobenzene	6.951	146	581073	39.776	ng	100
14) 1,2-Dichlorobenzene	7.098	146	558285	40.259	ng	99
15) Benzyl Alcohol	7.075	79	514826	47.424	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	968972	41.047	ng	98
17) 2-Methylphenol	7.186	107	449536	42.202	ng	98
18) Hexachloroethane	7.445	117	195861	42.764	ng	95
19) n-Nitroso-di-n-propyla...	7.345	70	407240	43.519	ng	99
20) 3+4-Methylphenols	7.339	107	530004	41.142	ng	96
22) Acetophenone	7.339	105	736785	41.854	ng	96
24) Nitrobenzene	7.510	77	611620	43.895	ng	98
25) Isophorone	7.751	82	1171851	44.742	ng	100
26) 2-Nitrophenol	7.827	139	300836	53.430	ng	98
27) 2,4-Dimethylphenol	7.863	122	534714	48.935	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	713884	44.642	ng	99
29) 2,4-Dichlorophenol	8.069	162	488279	45.751	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	497398	44.183	ng	100
31) Naphthalene	8.233	128	1543581	40.150	ng	100
32) Benzoic acid	7.975	122	141083	33.506	ng	97
33) 4-Chloroaniline	8.275	127	115160	8.305	ng	99
34) Hexachlorobutadiene	8.351	225	294124	41.999	ng	100
35) Caprolactam	8.657	113	142735m	47.574	ng	
36) 4-Chloro-3-methylphenol	8.769	107	519563	46.437	ng	100
37) 2-Methylnaphthalene	8.922	142	987985	39.090	ng	100
38) 1-Methylnaphthalene	9.022	142	1018078	41.824	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	509015	41.304	ng	99
41) Hexachlorocyclopentadiene	9.080	237	373103	85.345	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	340640	48.717	ng	98

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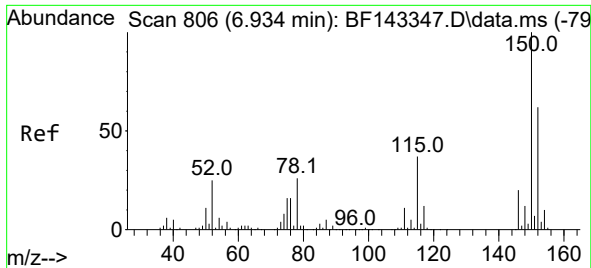
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Quant Time: Aug 13 13:56:30 2025
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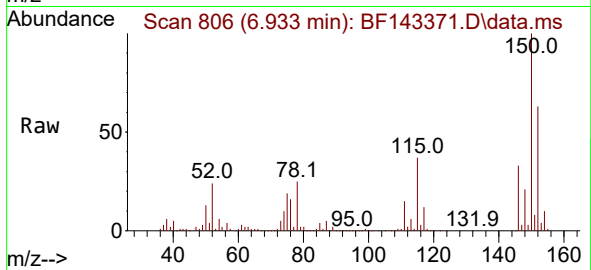
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	369627	46.811	ng	98
46) 1,1'-Biphenyl	9.386	154	1334328	41.904	ng	99
47) 2-Chloronaphthalene	9.416	162	1038892	41.426	ng	99
48) 2-Nitroaniline	9.504	65	357271	49.315	ng	99
49) Acenaphthylene	9.827	152	1685034	46.527	ng	99
50) Dimethylphthalate	9.686	163	1325108	50.356	ng	99
51) 2,6-Dinitrotoluene	9.745	165	285317	56.724	ng	95
52) Acenaphthene	10.004	154	996598	41.392	ng	99
53) 3-Nitroaniline	9.916	138	132366	24.562	ng	100
54) 2,4-Dinitrophenol	10.027	184	63507	41.295	ng	# 83
55) Dibenzofuran	10.174	168	1472405	42.491	ng	99
56) 4-Nitrophenol	10.086	139	328236	76.470	ng	96
57) 2,4-Dinitrotoluene	10.151	165	385563	57.700	ng	93
58) Fluorene	10.516	166	1127743	42.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	320598	60.232	ng	95
60) Diethylphthalate	10.386	149	1211721	51.408	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	574557	44.926	ng	99
62) 4-Nitroaniline	10.533	138	259978	49.862	ng	99
63) Azobenzene	10.663	77	1244847	46.237	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	86082	32.058	ng	96
66) n-Nitrosodiphenylamine	10.621	169	1017180	42.418	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	381196	45.768	ng	96
68) Hexachlorobenzene	11.068	284	398986	44.442	ng	99
69) Atrazine	11.151	200	344621	55.100	ng	99
70) Pentachlorophenol	11.263	266	311192	71.495	ng	97
71) Phenanthrene	11.480	178	1650708	41.545	ng	100
72) Anthracene	11.533	178	1688773	41.910	ng	100
73) Carbazole	11.680	167	1498273	43.659	ng	99
74) Di-n-butylphthalate	12.010	149	1871467	64.445	ng	100
75) Fluoranthene	12.668	202	1653782	47.516	ng	99
77) Benzidine	12.780	184	373423	30.945	ng	98
78) Pyrene	12.898	202	1636811	44.203	ng	99
80) Butylbenzylphthalate	13.504	149	668498	88.330	ng	98
81) Benzo(a)anthracene	14.080	228	1300837	46.367	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	214137	28.267	ng	99
83) Chrysene	14.121	228	1106187	42.286	ng	100
84) Bis(2-ethylhexyl)phtha...	14.062	149	890608	79.859	ng	97
85) Di-n-octyl phthalate	14.674	149	1175571	53.997	ng	96
87) Indeno(1,2,3-cd)pyrene	17.103	276	1183642	43.131	ng	99
88) Benzo(b)fluoranthene	15.145	252	988780	47.195	ng	99
89) Benzo(k)fluoranthene	15.174	252	1002581	49.248	ng	99
90) Benzo(a)pyrene	15.521	252	943392	47.809	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	963087	43.929	ng	99
92) Benzo(g,h,i)perylene	17.562	276	894949	40.522	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.933 min Scan# 80
Delta R.T. -0.001 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

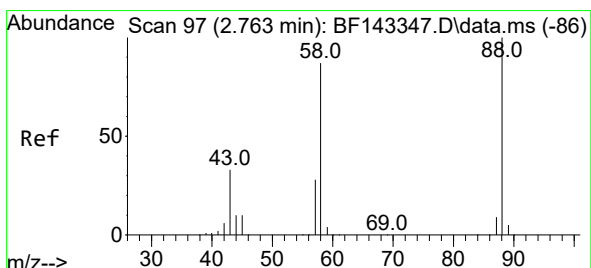
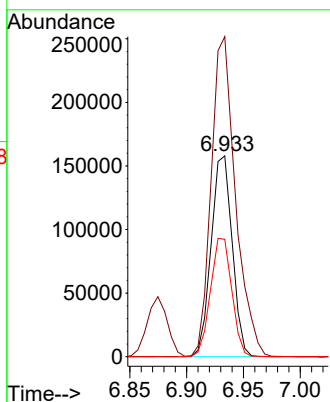
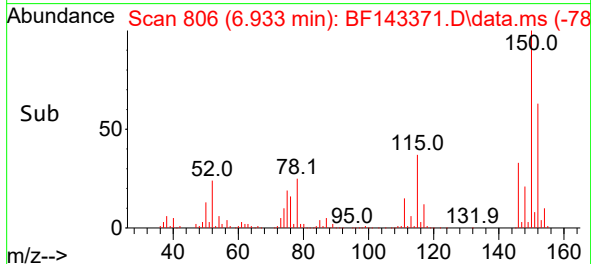
Instrument :
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TP-7MSD



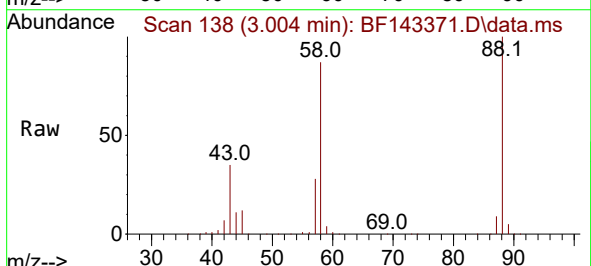
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Ion Ratio Lower Upper
152 100
150 159.4 129.8 194.8
115 58.5 47.8 71.8

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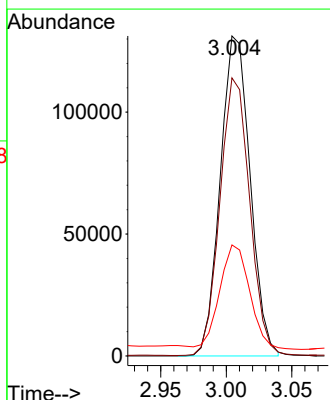
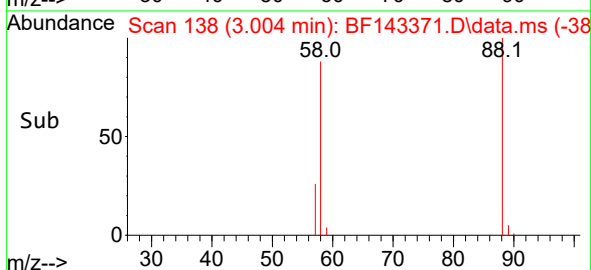
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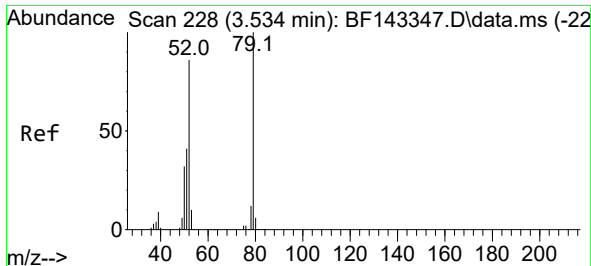


#2
1,4-Dioxane
Concen: 34.009 ng
RT: 3.004 min Scan# 138
Delta R.T. 0.241 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



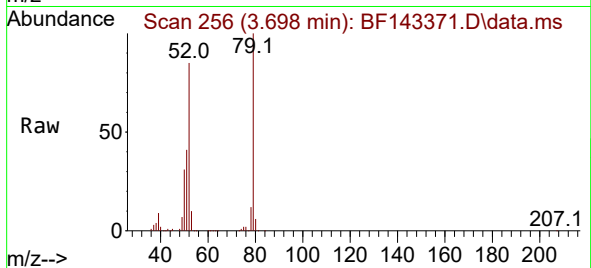
Tgt Ion: 88 Resp: 207831
Ion Ratio Lower Upper
88 100
58 86.2 71.0 106.6
43 0.0 27.0 40.6#





#3
Pyridine
Concen: 32.765 ng
RT: 3.698 min Scan# 21
Delta R.T. 0.164 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

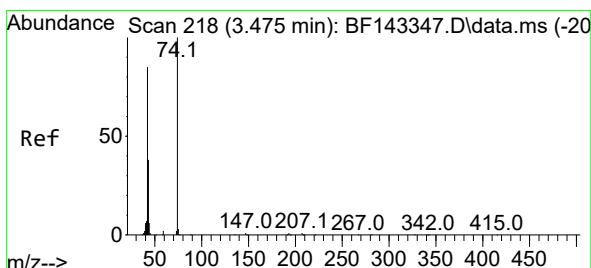
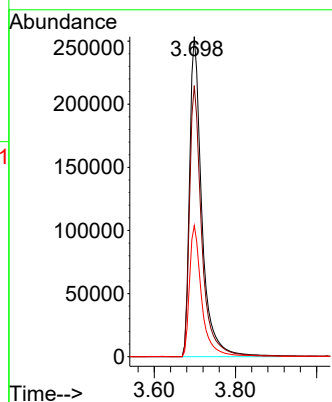
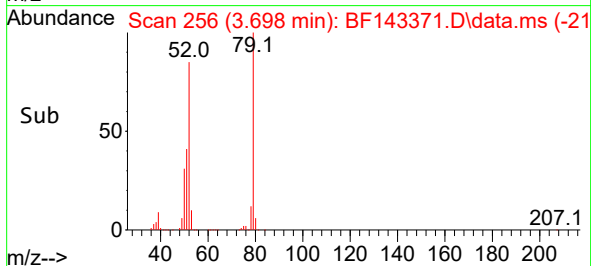
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



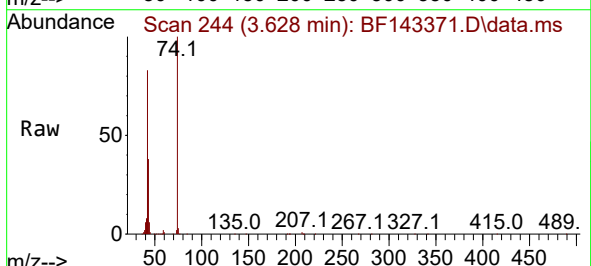
Tgt Ion: 79 Resp: 533564
Ion Ratio Lower Upper
79 100
52 84.7 68.7 103.1
51 41.0 33.4 50.0

Manual Integrations
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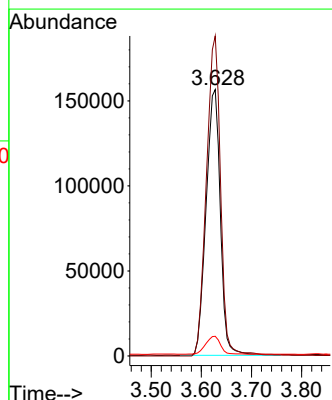
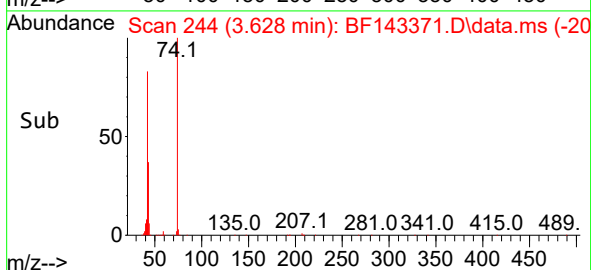
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Supervised By :Jagrut Upadhyay 08/15/2025

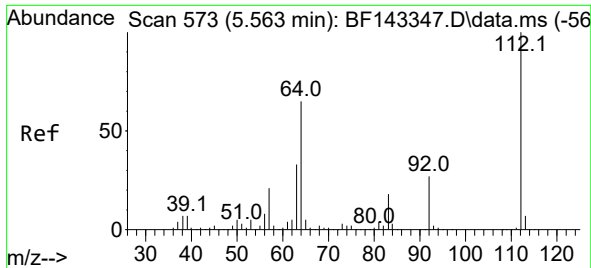


#4
n-Nitrosodimethylamine
Concen: 40.764 ng
RT: 3.628 min Scan# 244
Delta R.T. 0.153 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



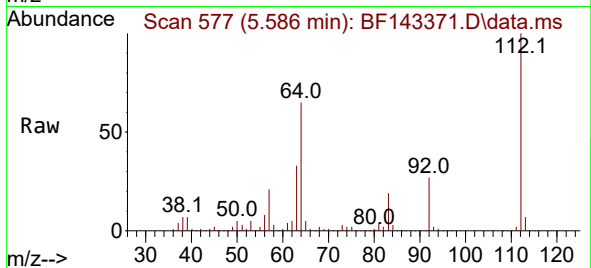
Tgt Ion: 42 Resp: 309224
Ion Ratio Lower Upper
42 100
74 120.1 94.1 141.1
44 7.4 6.5 9.7





#5
2-Fluorophenol
Concen: 111.086 ng
RT: 5.586 min Scan# 511
Delta R.T. 0.023 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

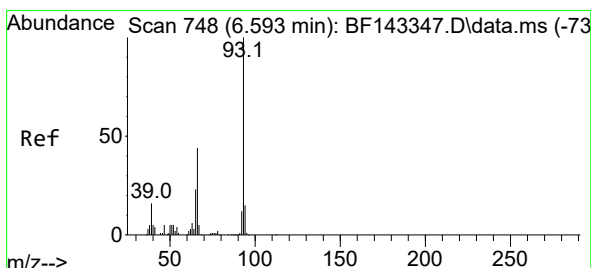
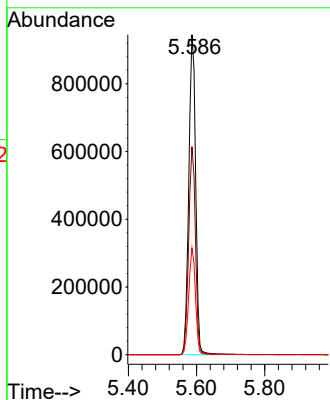
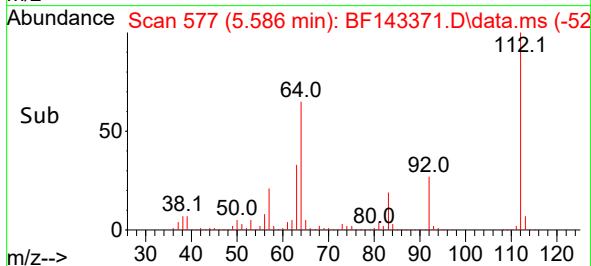
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Tgt Ion:112 Resp: 1311902
Ion Ratio Lower Upper
112 100
64 65.0 52.1 78.1
63 33.3 26.6 39.8

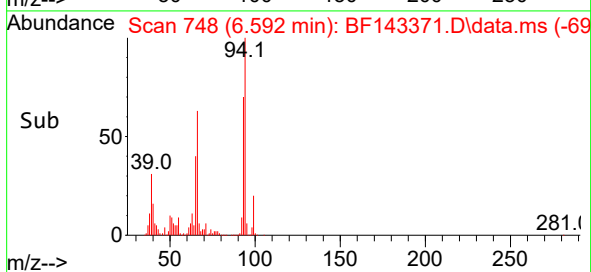
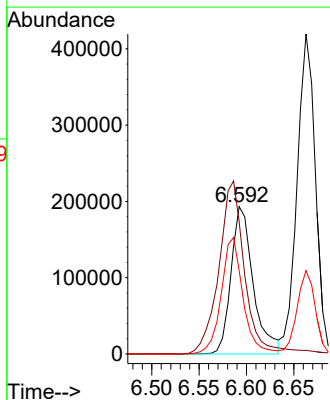
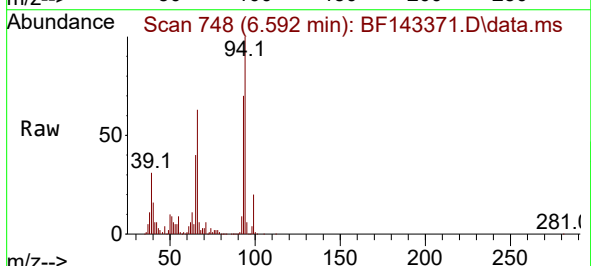
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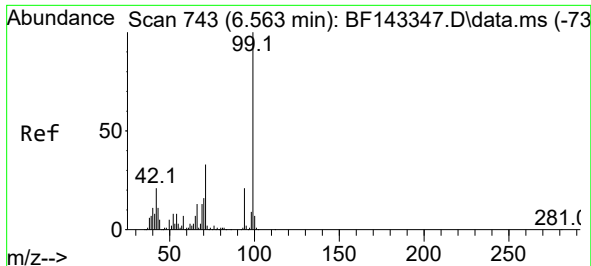
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#6
Aniline
Concen: 14.768 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

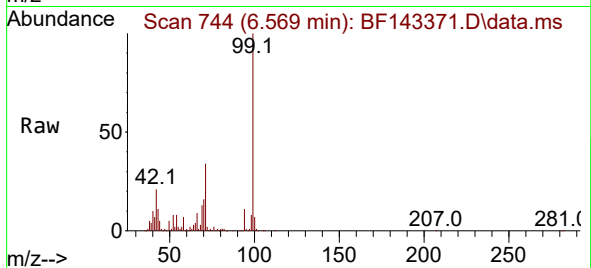
Tgt Ion: 93 Resp: 315305
Ion Ratio Lower Upper
93 100
66 89.8 35.3 52.9#
65 56.6 18.2 27.4#





#7
Phenol-d6
Concen: 105.941 ng
RT: 6.569 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

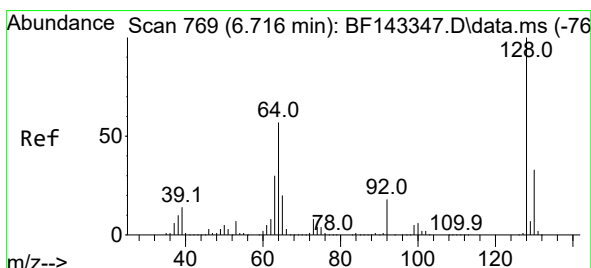
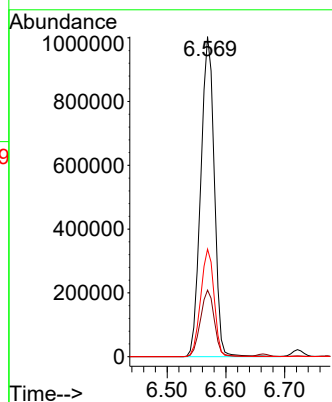
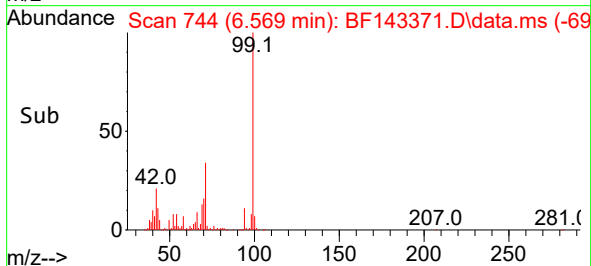
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Tgt Ion: 99 Resp: 1604430
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 33.6 26.2 39.2

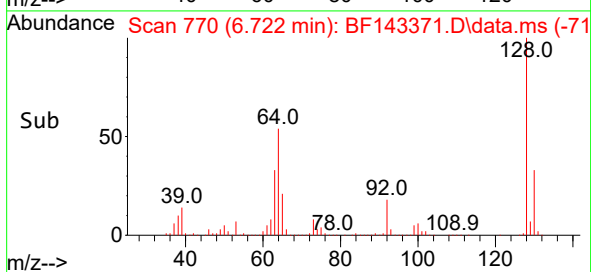
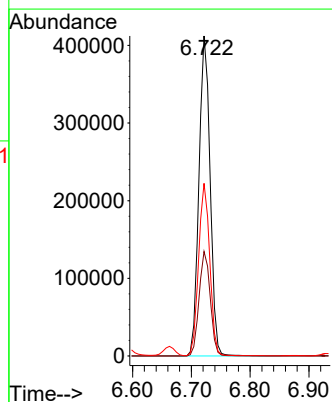
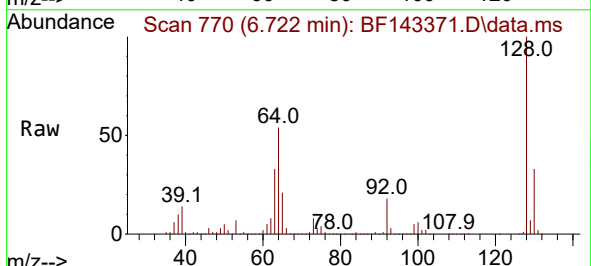
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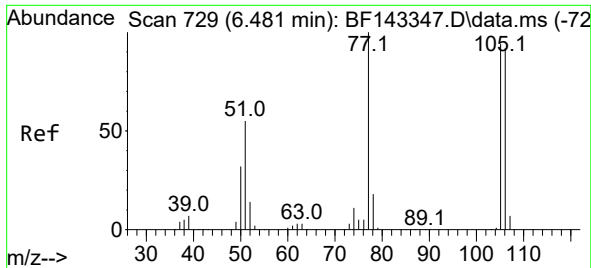
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Supervised By :Jagrut Upadhyay 08/15/2025



#8
2-Chlorophenol
Concen: 43.057 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

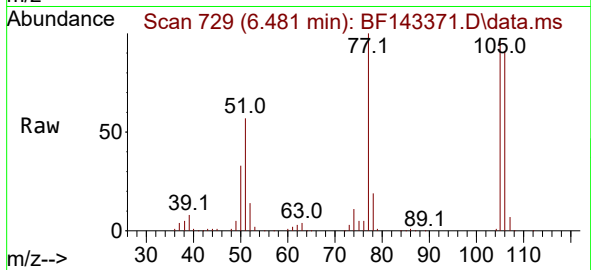
Tgt Ion:128 Resp: 543348
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 54.0 36.7 76.7





#9
Benzaldehyde
Concen: 17.708 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

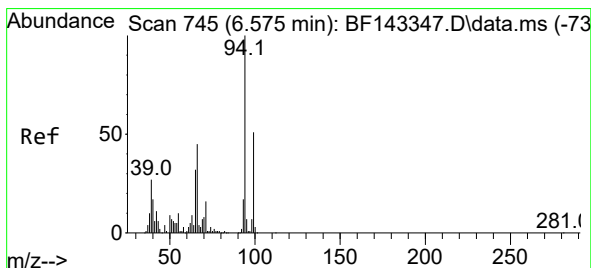
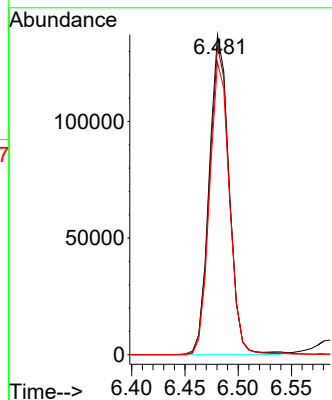
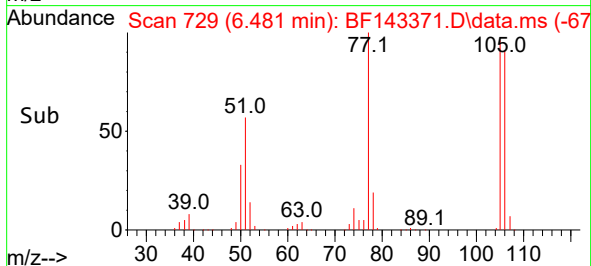
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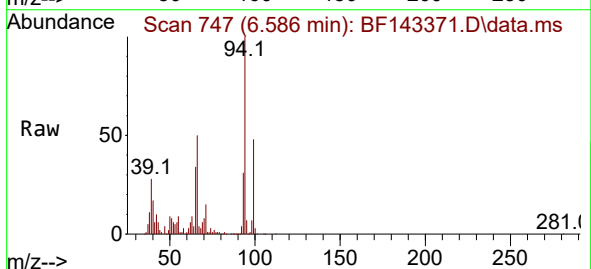
Tgt Ion: 77 Resp: 17724
Ion Ratio Lower Upper
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105 96.5 74.2 114.2
106 91.4 72.2 112.2

Manual Integrations
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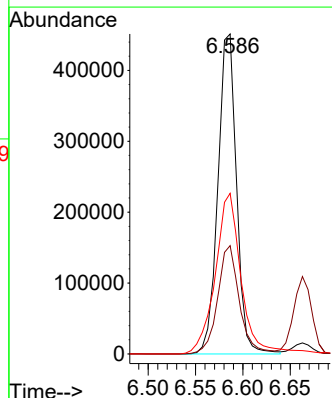
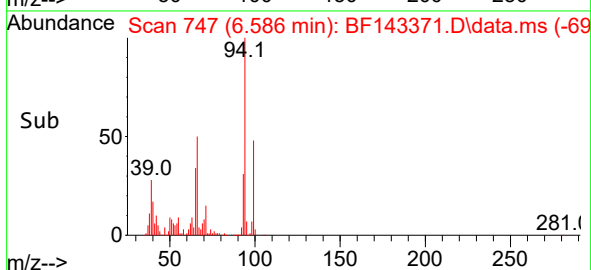
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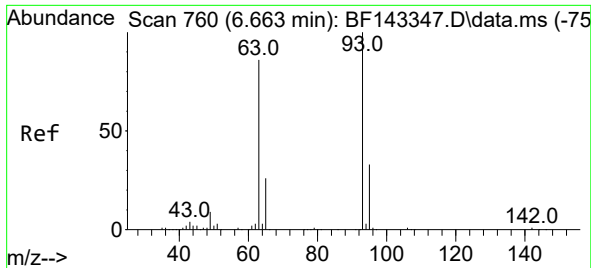


#10
Phenol
Concen: 34.446 ng
RT: 6.586 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



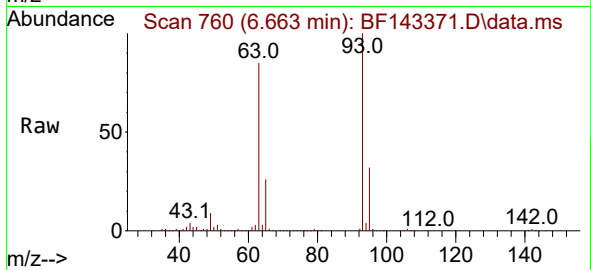
Tgt Ion: 94 Resp: 617994
Ion Ratio Lower Upper
94 100
65 33.8 12.0 52.0
66 50.2 25.6 65.6





#11
bis(2-Chloroethyl)ether
Concen: 42.536 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

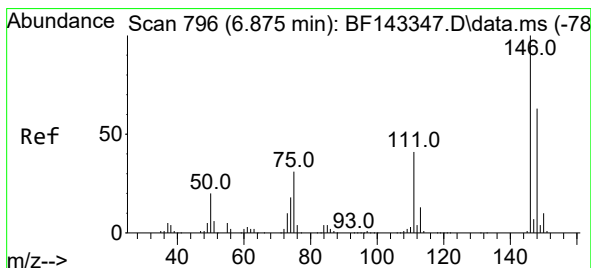
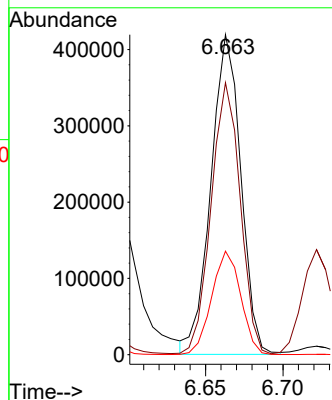
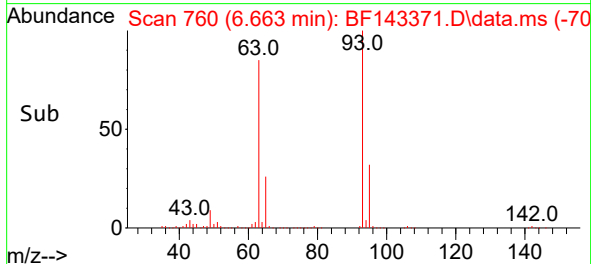
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



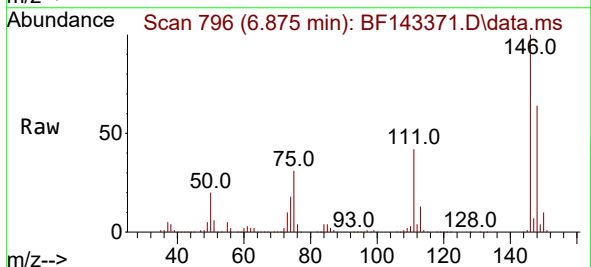
Tgt Ion: 93 Resp: 56244
Ion Ratio Lower Upper
93 100
63 85.0 65.7 105.7
95 32.4 13.0 53.0

Manual Integrations
APPROVED

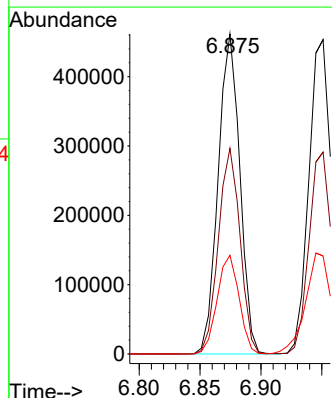
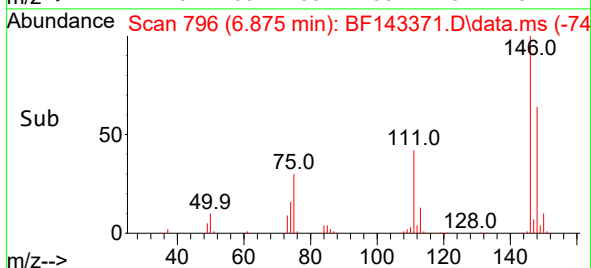
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

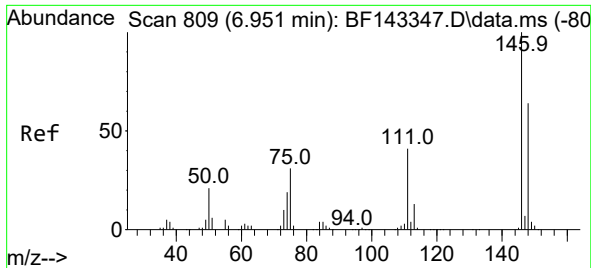


#12
1,3-Dichlorobenzene
Concen: 39.343 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



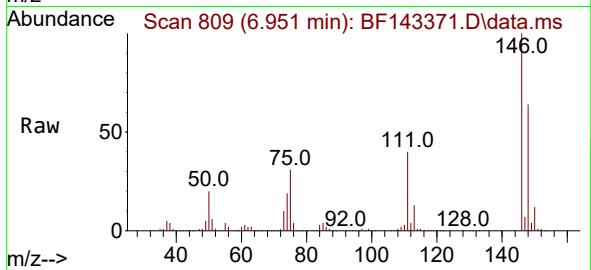
Tgt Ion:146 Resp: 572659
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
75 30.8 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 39.776 ng
RT: 6.951 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

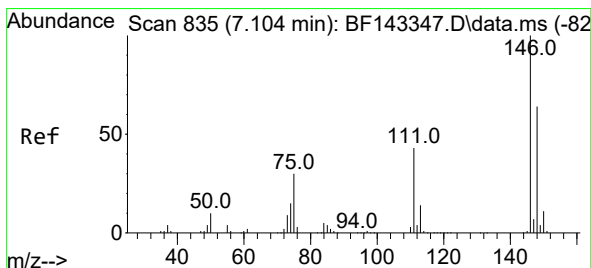
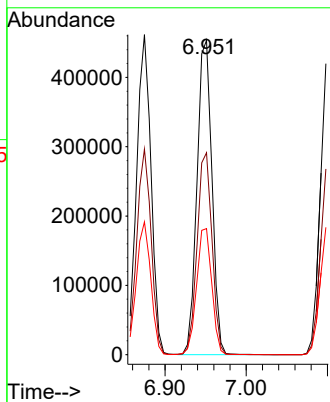
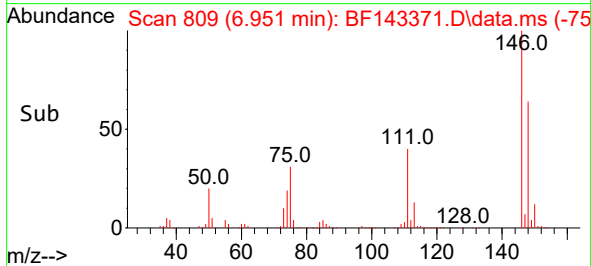
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



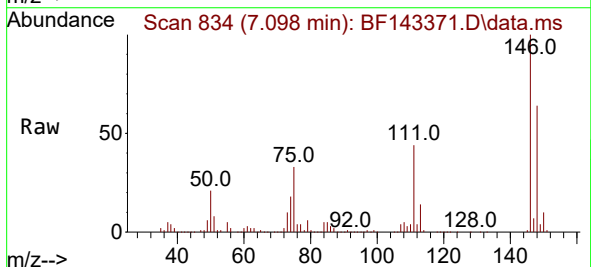
Tgt Ion:146 Resp: 58107
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
111 40.1 32.6 48.8

Manual Integrations
APPROVED

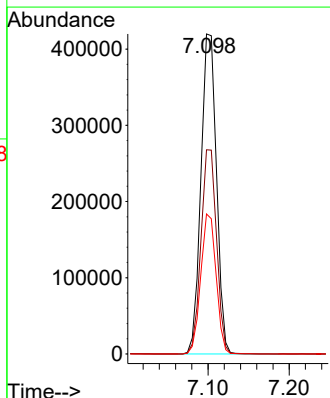
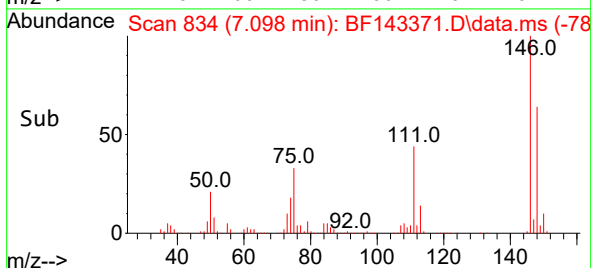
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

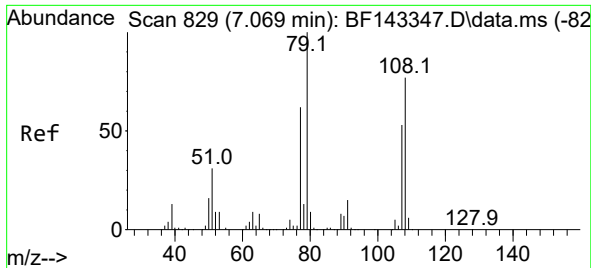


#14
1,2-Dichlorobenzene
Concen: 40.259 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



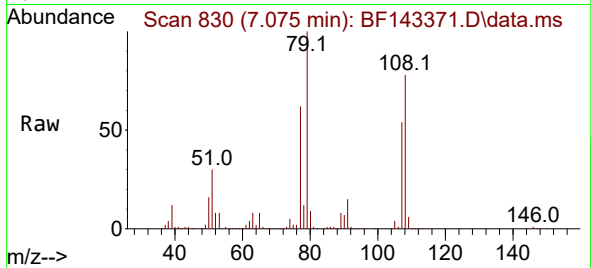
Tgt Ion:146 Resp: 558285
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 43.8 34.1 51.1





#15
Benzyl Alcohol
Concen: 47.424 ng
RT: 7.075 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

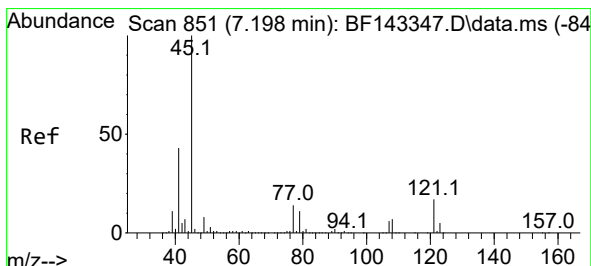
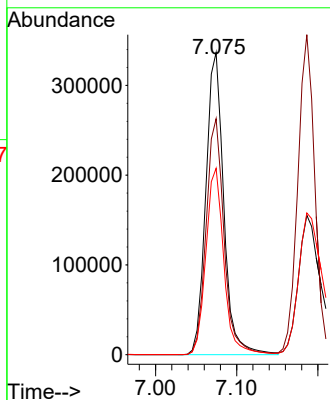
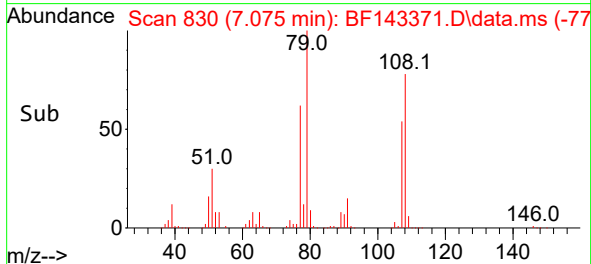
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



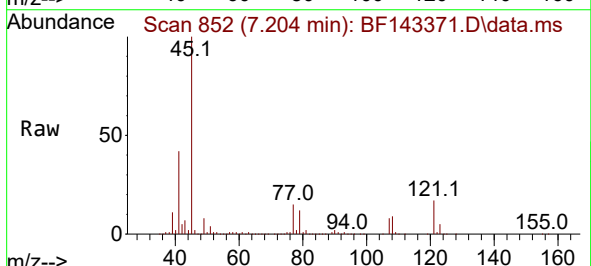
Tgt Ion: 79 Resp: 514820
Ion Ratio Lower Upper
79 100
108 78.1 61.5 92.3
77 61.7 49.8 74.8

Manual Integrations
APPROVED

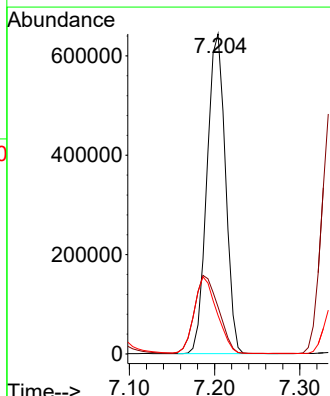
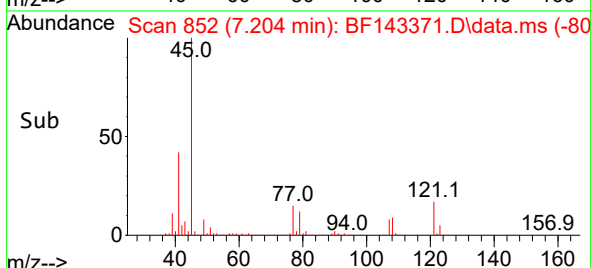
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

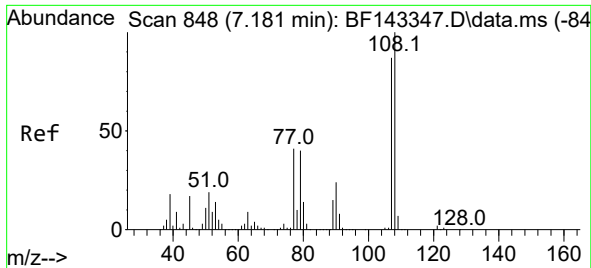


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.047 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



Tgt Ion: 45 Resp: 968972
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.0
79 12.0 0.0 31.1





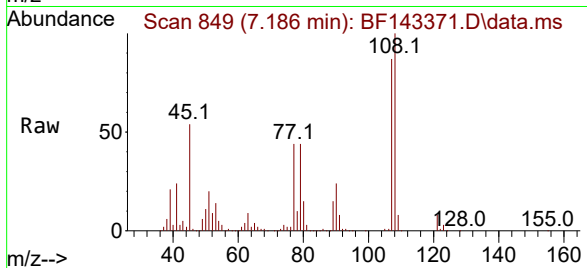
#17
2-Methylphenol
Concen: 42.202 ng
RT: 7.186 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

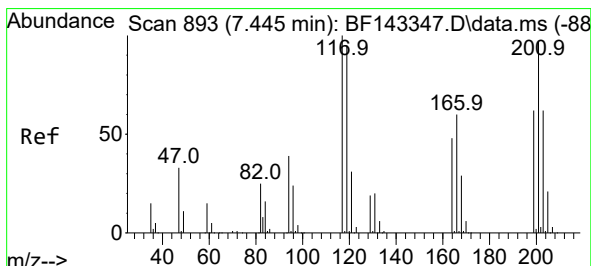
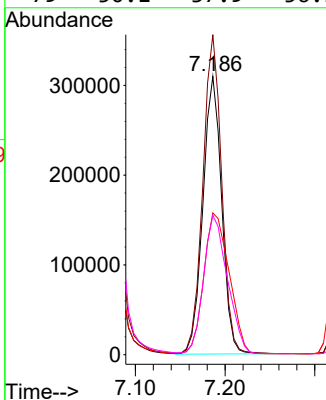
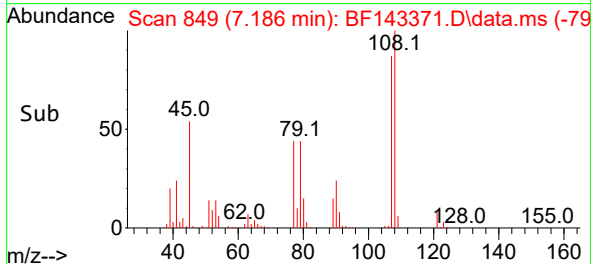


Tgt Ion:107 Resp: 449530
Ion Ratio Lower Upper
107 100
108 115.0 92.0 138.0
77 51.0 38.2 57.2
79 50.1 37.9 56.9

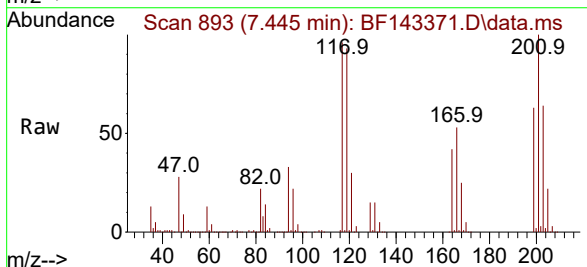
Manual Integrations

APPROVED

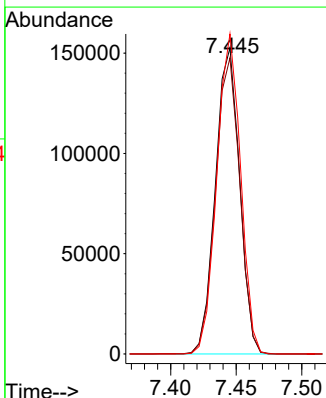
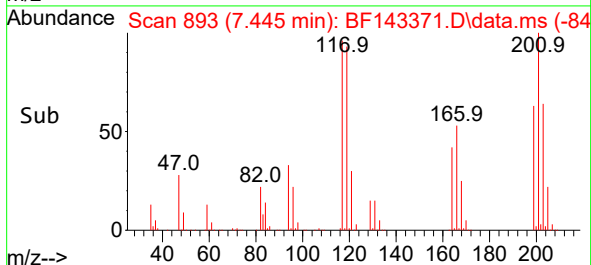
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

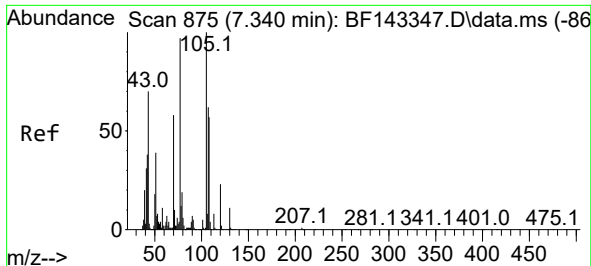


#18
Hexachloroethane
Concen: 42.764 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



Tgt Ion:117 Resp: 195861
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
201 104.5 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.519 ng

RT: 7.345 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143371.D

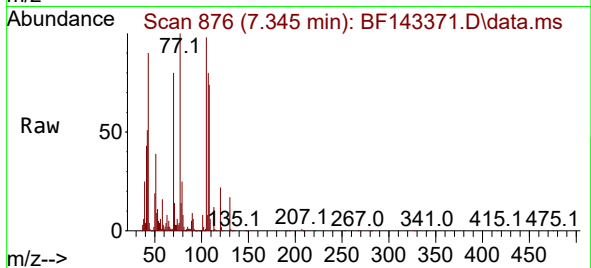
Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD



Tgt Ion: 70 Resp: 407240

Ion Ratio Lower Upper

70 100

42 63.8 51.6 77.4

101 9.6 7.5 11.3

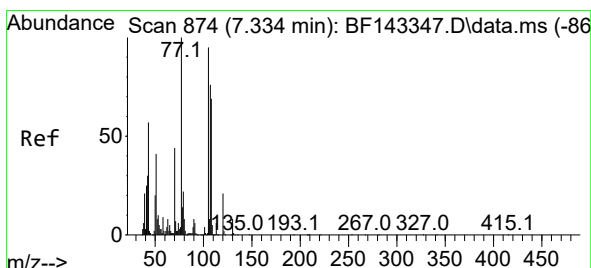
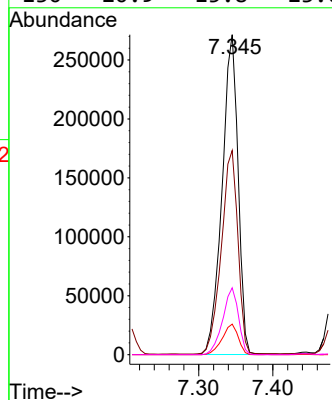
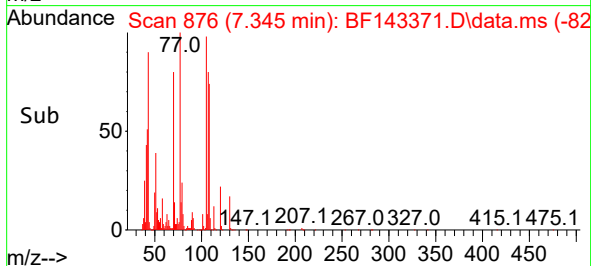
130 20.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#20

3+4-Methylphenols

Concen: 41.142 ng

RT: 7.339 min Scan# 875

Delta R.T. 0.006 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

Tgt Ion:107 Resp: 530004

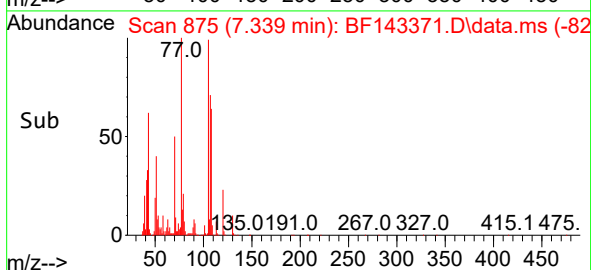
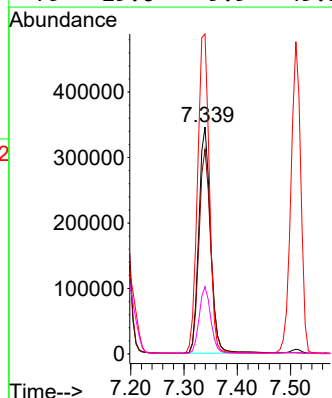
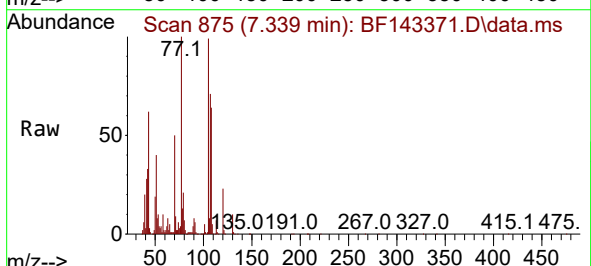
Ion Ratio Lower Upper

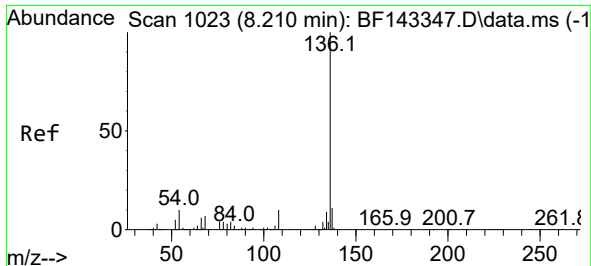
107 100

108 90.2 70.6 110.6

77 141.1 112.0 152.0

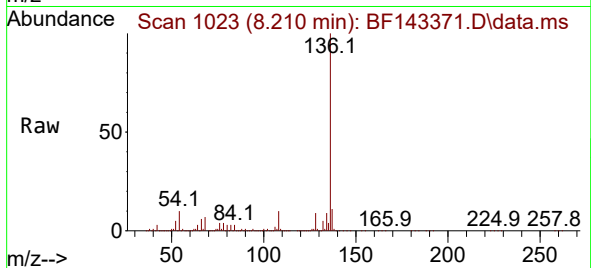
79 29.6 9.9 49.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

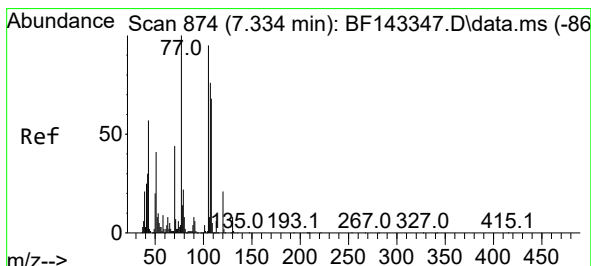
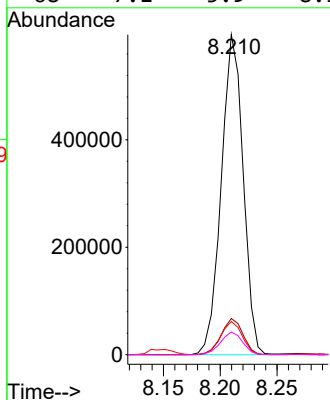
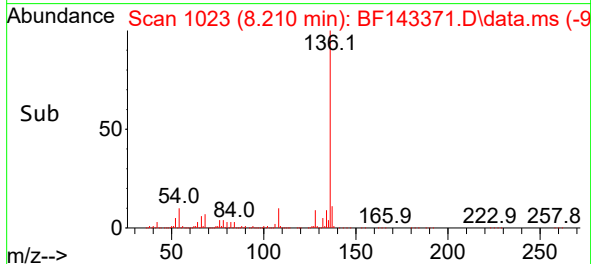
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



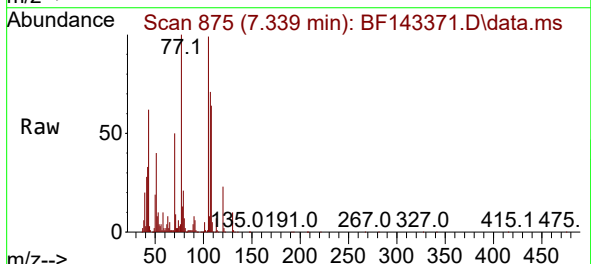
Tgt Ion:	136	Resp:	79896
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	10.3	8.4	12.6
68	7.1	5.9	8.9

Manual Integrations
APPROVED

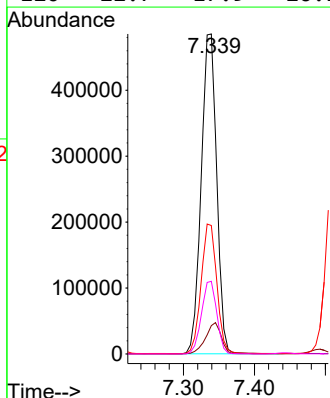
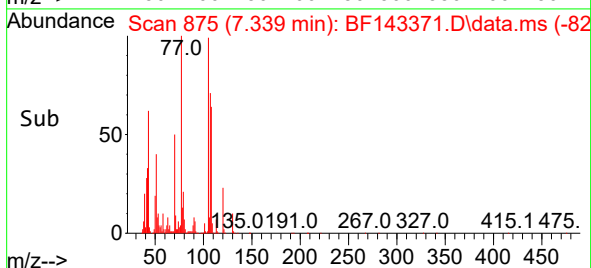
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

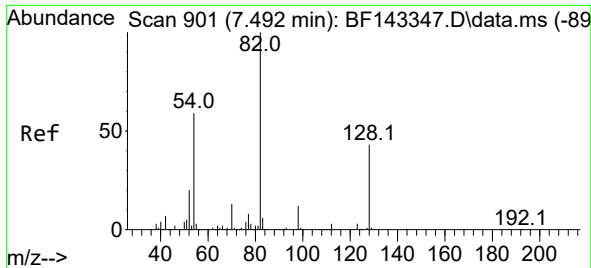


#22
Acetophenone
Concen: 41.854 ng
RT: 7.339 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



Tgt Ion:	105	Resp:	736785
Ion Ratio	Lower	Upper	
105	100		
71	8.9	6.2	9.4
51	40.2	34.8	52.2
120	22.7	17.9	26.9





#23
Nitrobenzene-d5
Concen: 94.958 ng
RT: 7.492 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

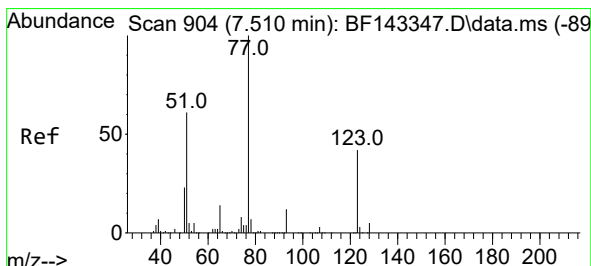
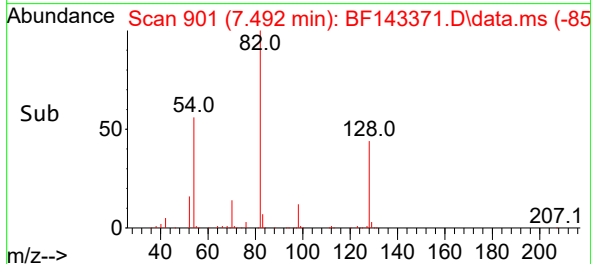
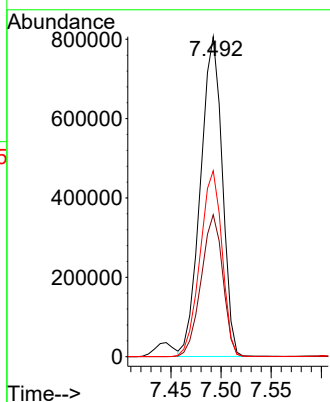
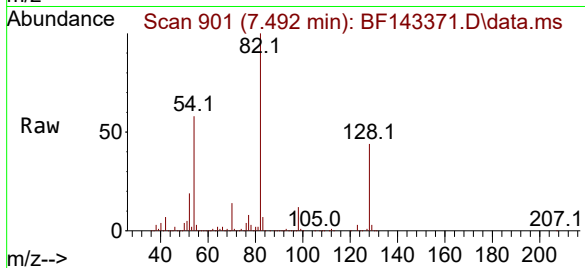
ClientSampleId :

TP-7MSD

Tgt Ion: 82 Resp: 121829
Ion Ratio Lower Upper
82 100
128 44.3 33.5 50.3
54 58.1 46.7 70.1

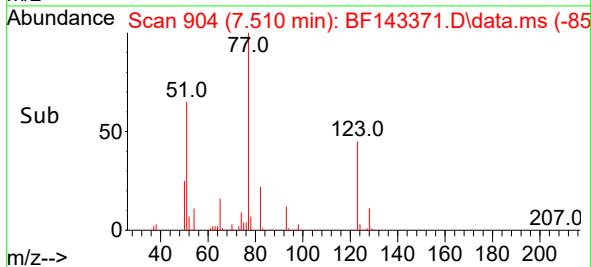
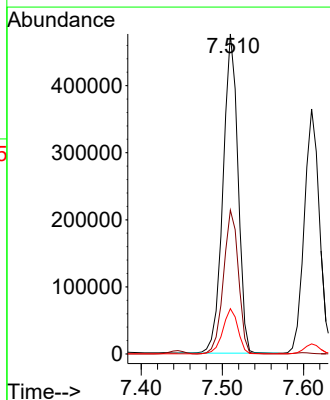
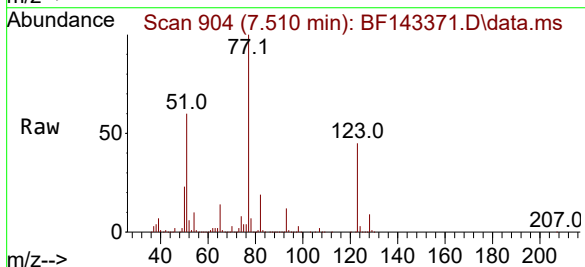
Manual Integrations
APPROVED

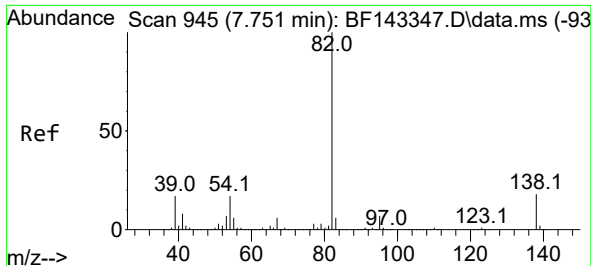
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#24
Nitrobenzene
Concen: 43.895 ng
RT: 7.510 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

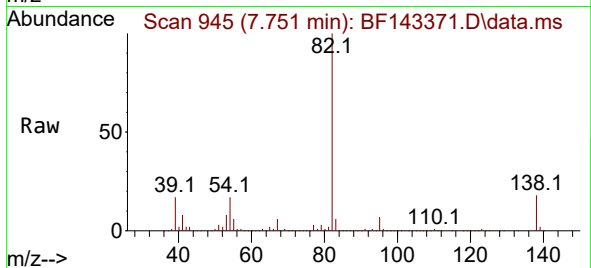
Tgt Ion: 77 Resp: 611620
Ion Ratio Lower Upper
77 100
123 45.0 34.8 52.2
65 14.1 11.0 16.6





#25
Isophorone
Concen: 44.742 ng
RT: 7.751 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

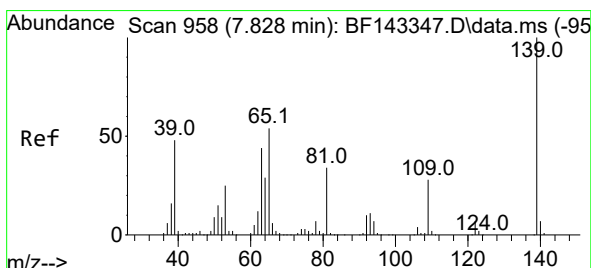
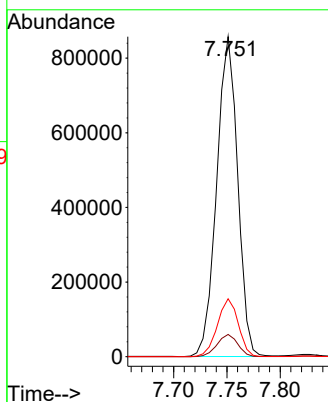
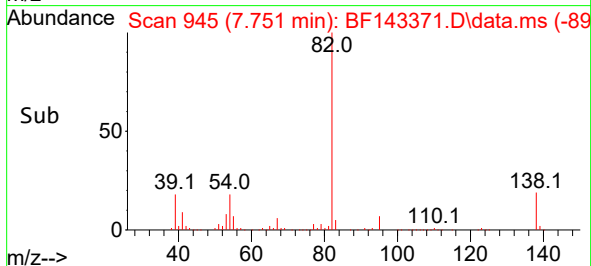
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



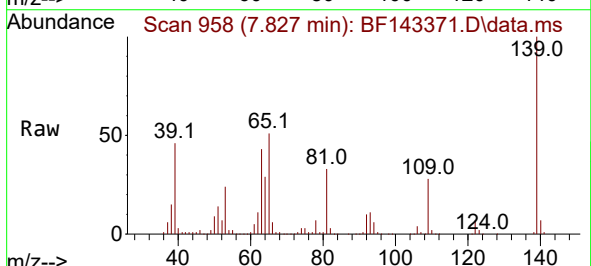
Tgt Ion: 82 Resp: 117185
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.1 14.6 21.8

Manual Integrations
APPROVED

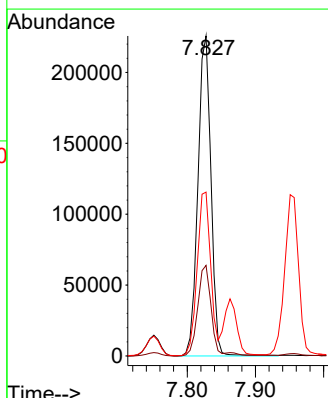
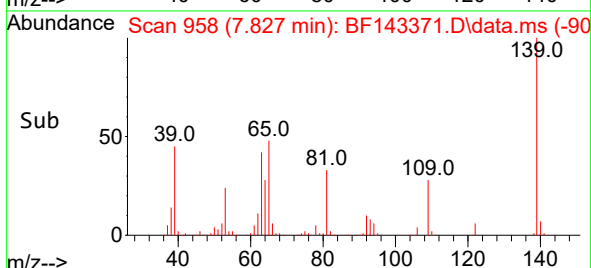
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

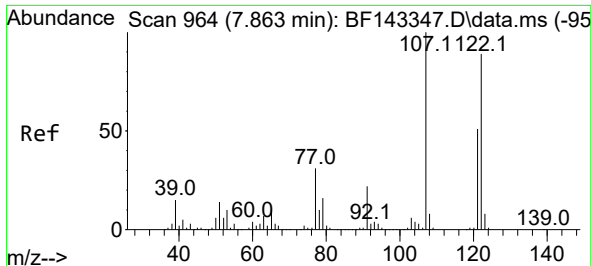


#26
2-Nitrophenol
Concen: 53.430 ng
RT: 7.827 min Scan# 958
Delta R.T. -0.001 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



Tgt Ion:139 Resp: 300836
Ion Ratio Lower Upper
139 100
109 28.3 22.4 33.6
65 51.2 42.9 64.3





#27
2,4-Dimethylphenol
Concen: 48.935 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

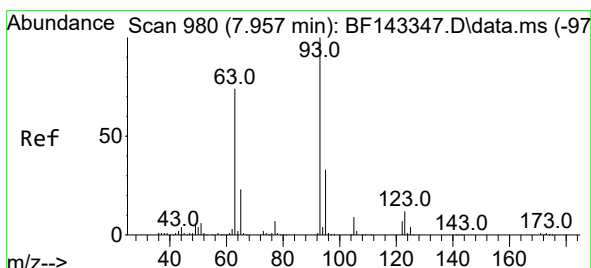
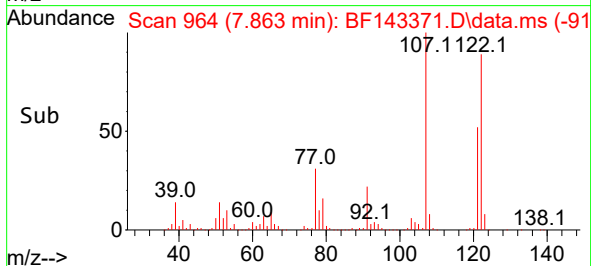
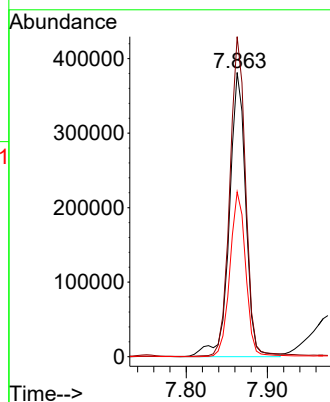
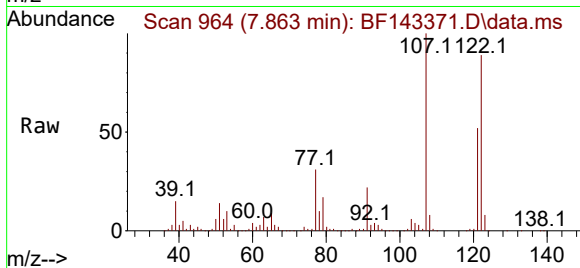
TP-7MSD

Tgt Ion:122 Resp: 534714
Ion Ratio Lower Upper
122 100
107 112.6 89.9 134.9
121 58.0 46.2 69.4

Manual Integrations

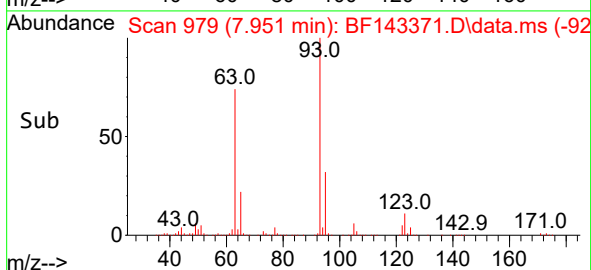
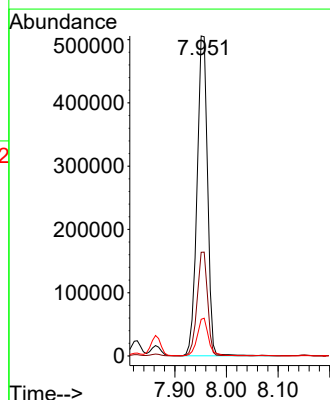
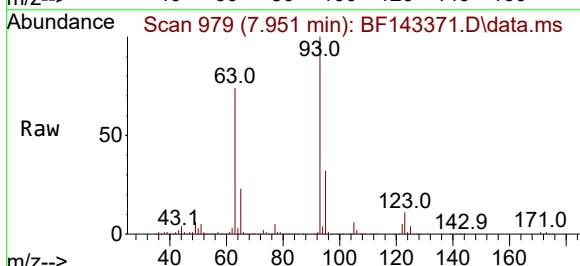
APPROVED

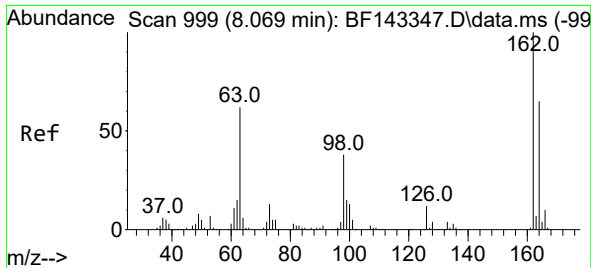
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.642 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

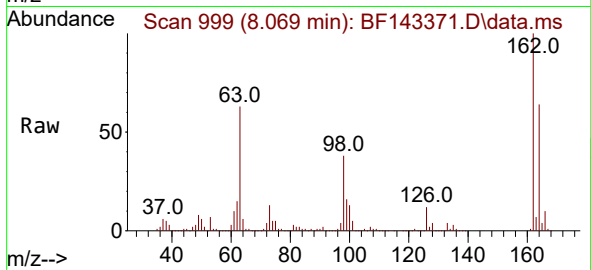
Tgt Ion: 93 Resp: 713884
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.4
123 11.4 9.4 14.2





#29
2,4-Dichlorophenol
Concen: 45.751 ng
RT: 8.069 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

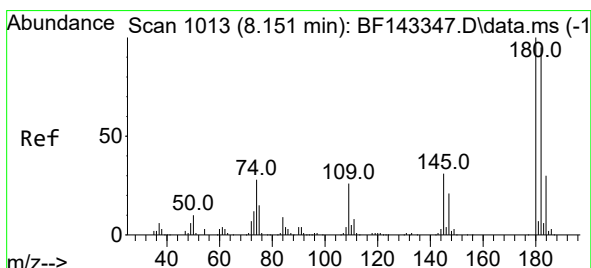
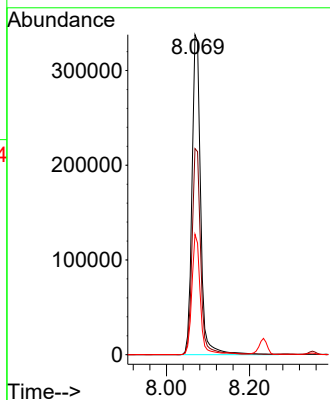
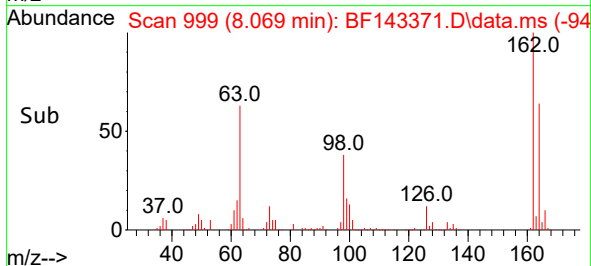
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



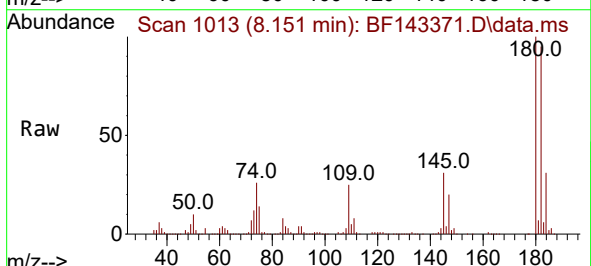
Tgt Ion:162 Resp: 488279
Ion Ratio Lower Upper
162 100
164 64.4 44.5 84.5
98 37.6 17.7 57.7

Manual Integrations
APPROVED

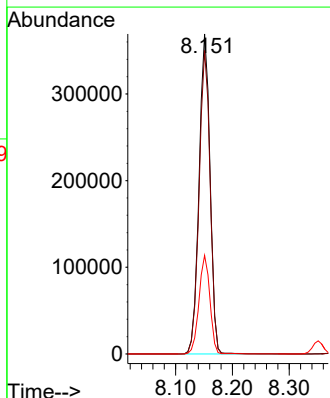
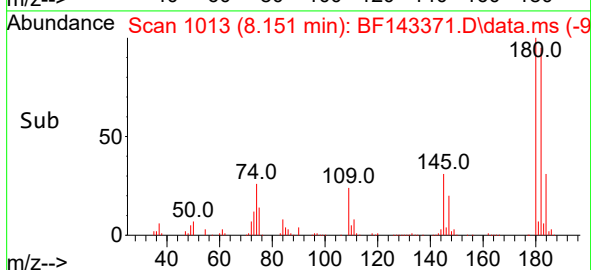
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

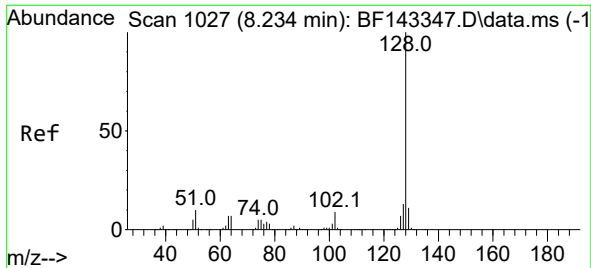


#30
1,2,4-Trichlorobenzene
Concen: 44.183 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



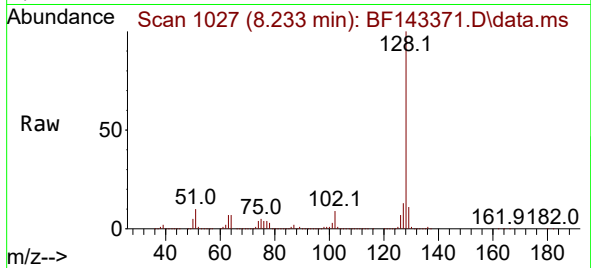
Tgt Ion:180 Resp: 497398
Ion Ratio Lower Upper
180 100
182 94.8 76.1 114.1
145 30.8 24.9 37.3





#31
Naphthalene
Concen: 40.150 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

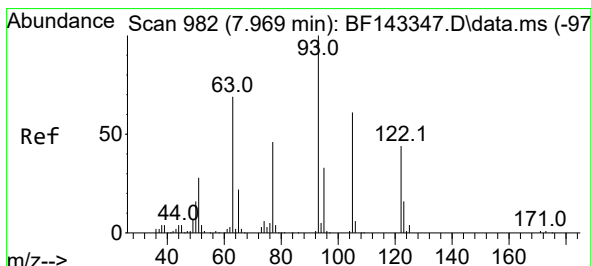
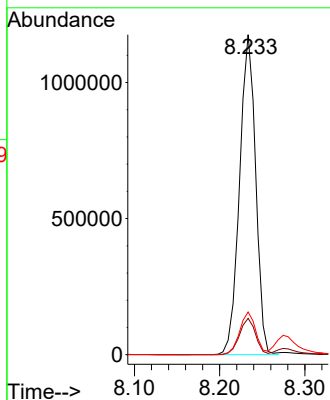
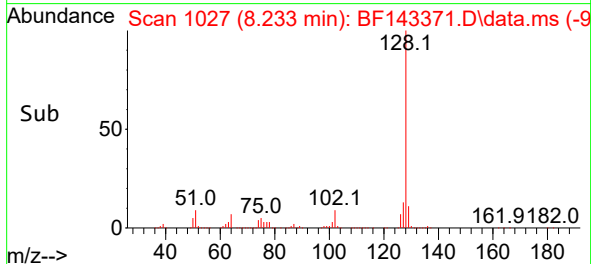
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



Tgt Ion:128 Resp: 154358
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.7 16.1

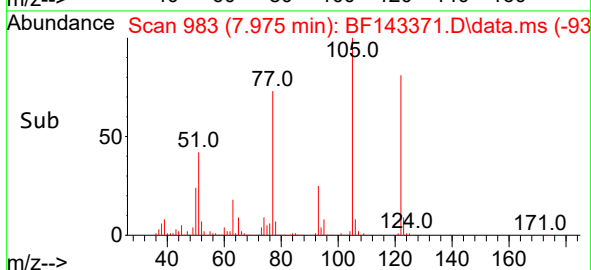
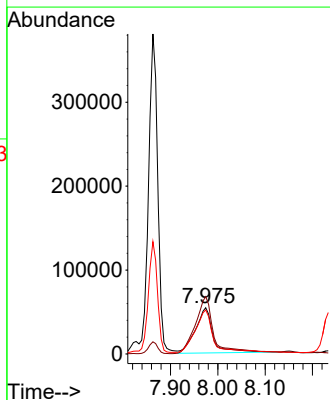
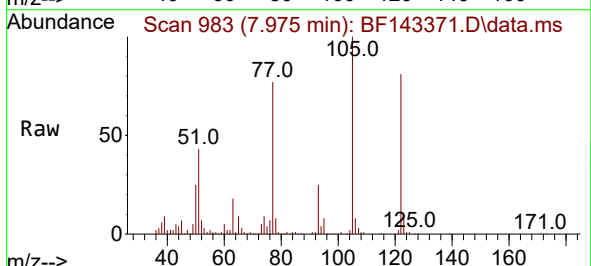
Manual Integrations
APPROVED

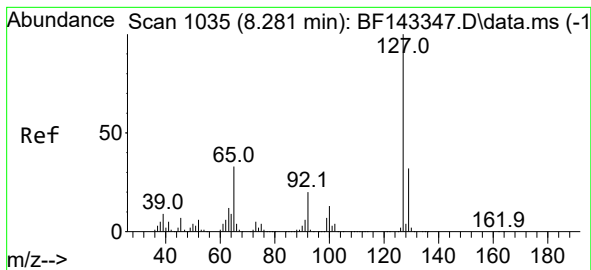
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#32
Benzoic acid
Concen: 33.506 ng
RT: 7.975 min Scan# 983
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Tgt Ion:122 Resp: 141083
Ion Ratio Lower Upper
122 100
105 124.1 106.4 146.4
77 95.1 79.2 119.2





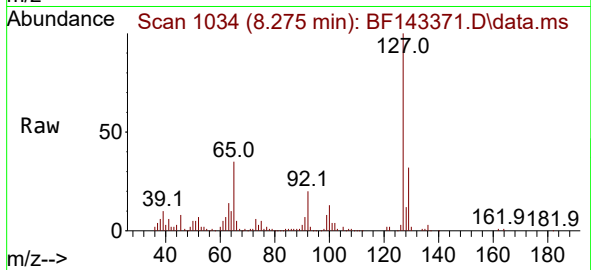
#33
4-Chloroaniline
Concen: 8.305 ng
RT: 8.275 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

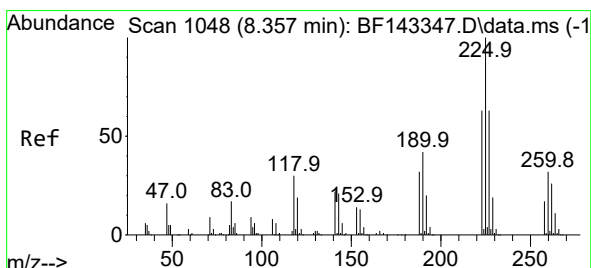
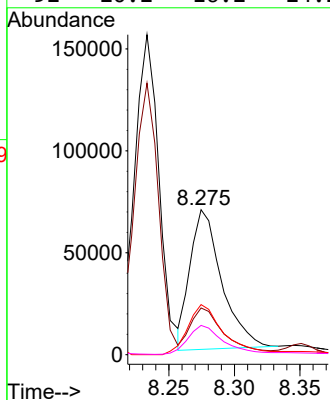
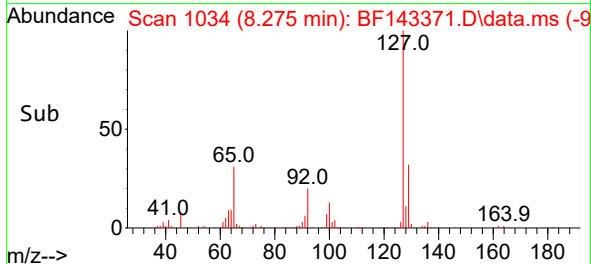


Tgt Ion:127 Resp: 115160
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 34.6 27.0 40.4
92 20.2 16.2 24.2

Manual Integrations

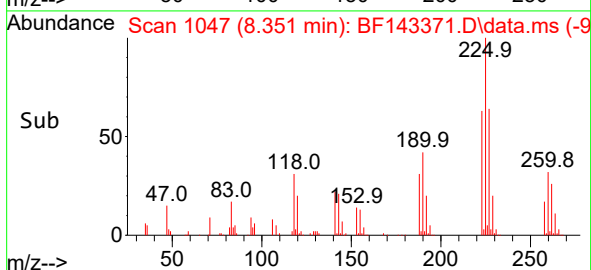
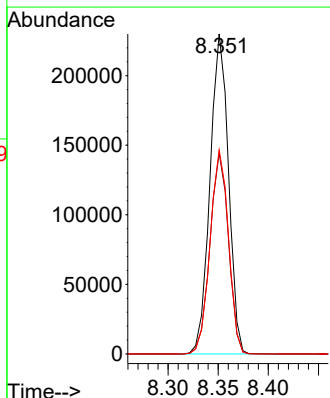
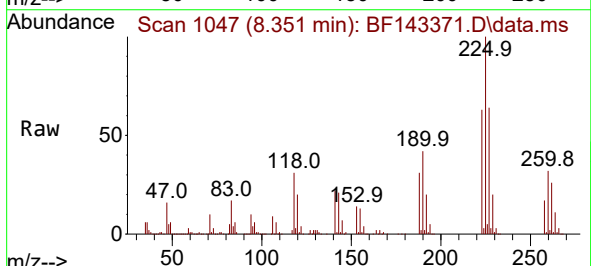
APPROVED

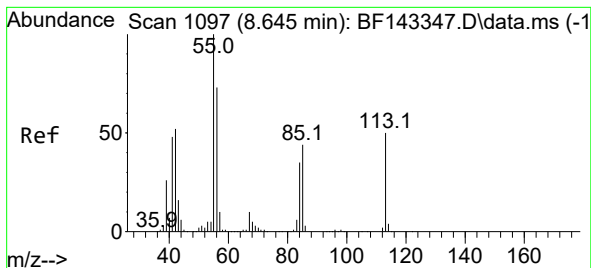
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#34
Hexachlorobutadiene
Concen: 41.999 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Tgt Ion:225 Resp: 294124
Ion Ratio Lower Upper
225 100
223 62.7 50.1 75.1
227 63.8 50.6 75.8





#35

Caprolactam

Concen: 47.574 ng m

RT: 8.657 min Scan# 1099

Delta R.T. 0.011 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

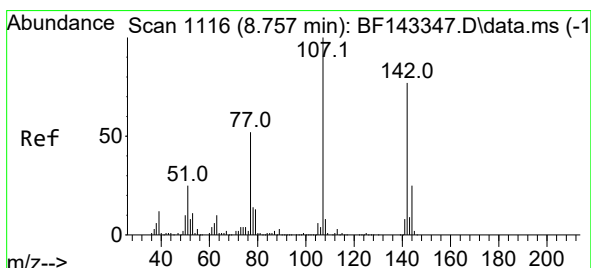
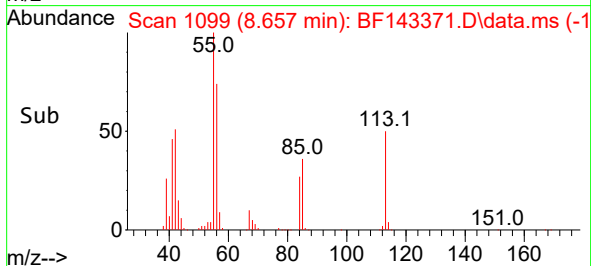
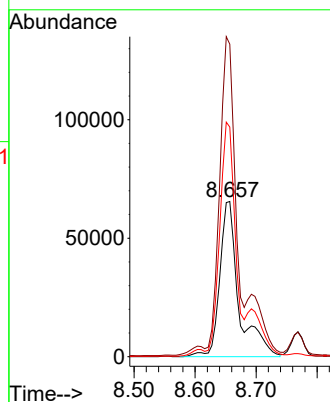
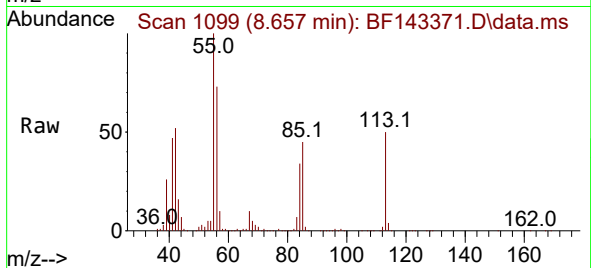
Tgt Ion:	113	Resp:	14273
Ion Ratio	Lower	Upper	
113	100		
55	201.2	181.4	221.4
56	147.8	127.3	167.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#36

4-Chloro-3-methylphenol

Concen: 46.437 ng

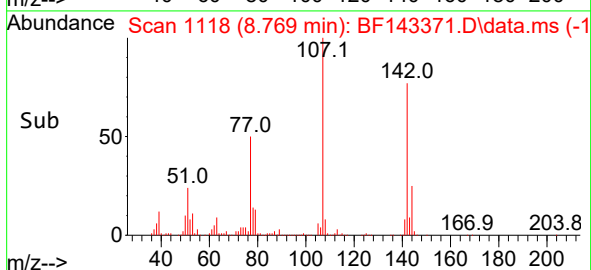
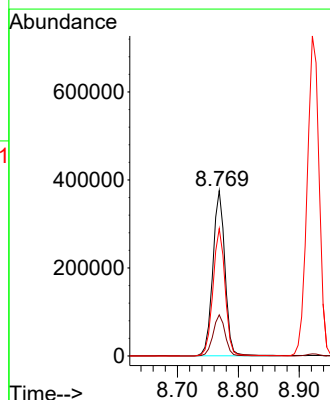
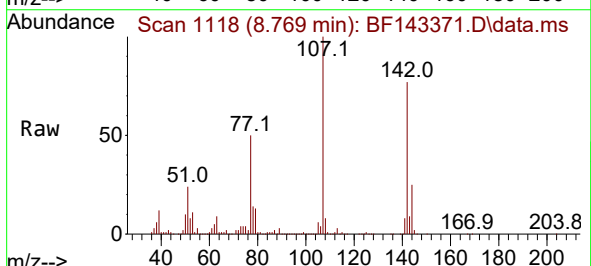
RT: 8.769 min Scan# 1118

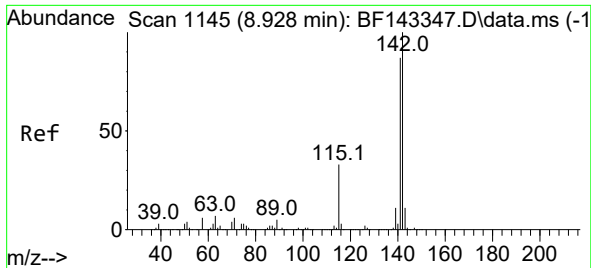
Delta R.T. 0.012 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

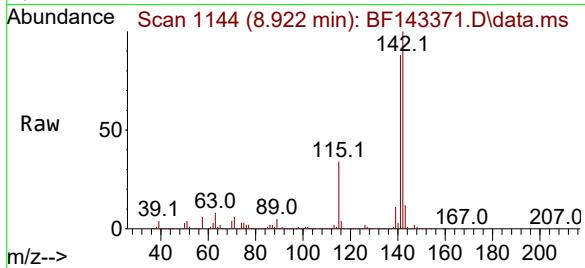
Tgt Ion:	107	Resp:	519563
Ion Ratio	Lower	Upper	
107	100		
144	24.9	20.0	30.0
142	77.0	61.3	91.9





#37
2-Methylnaphthalene
Concen: 39.090 ng
RT: 8.922 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

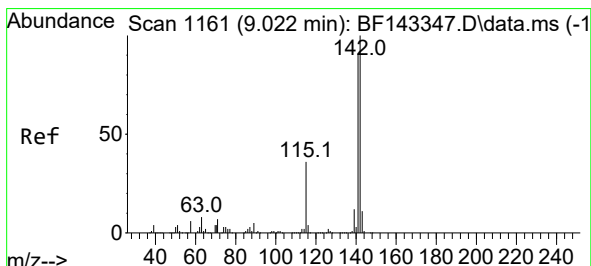
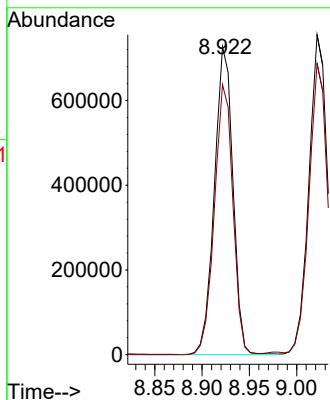
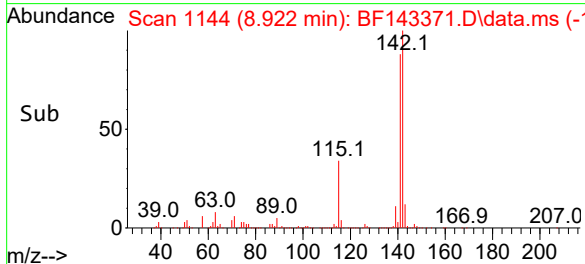
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



Tgt Ion:142 Resp: 987985
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.8

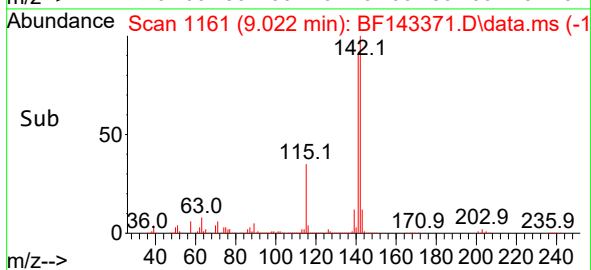
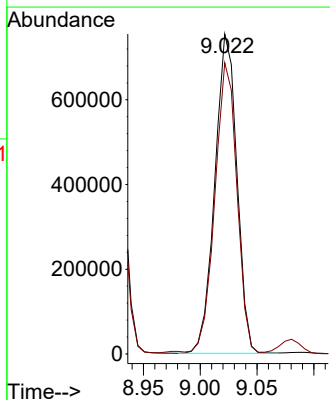
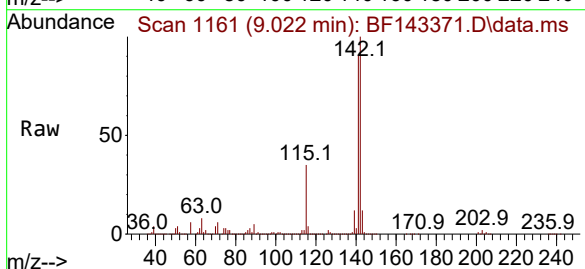
Manual Integrations
APPROVED

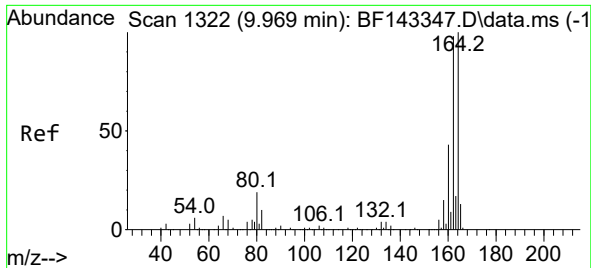
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#38
1-Methylnaphthalene
Concen: 41.824 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

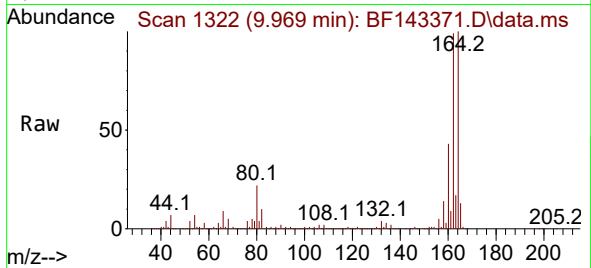
Tgt Ion:142 Resp: 1018078
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

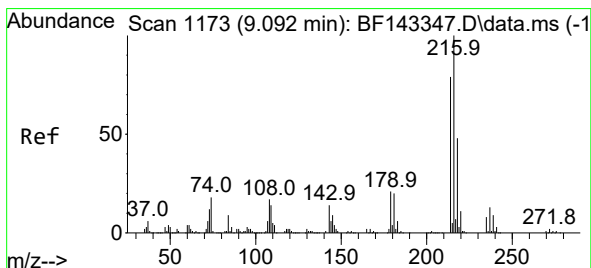
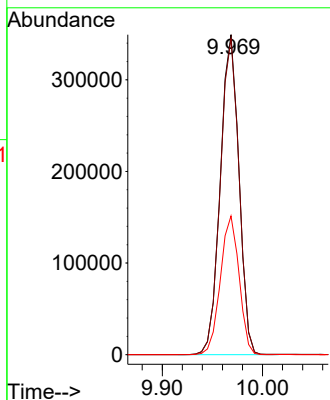
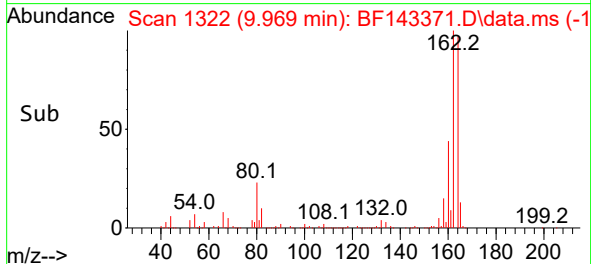
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



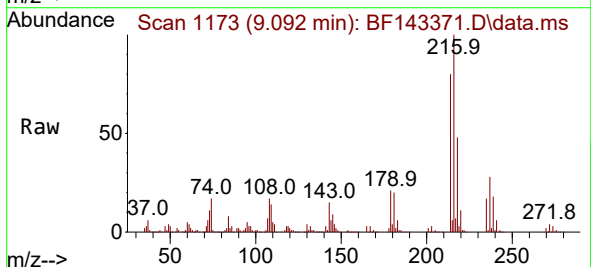
Tgt Ion:164 Resp: 450354
Ion Ratio Lower Upper
164 100
162 98.8 78.6 118.0
160 43.3 34.4 51.6

Manual Integrations
APPROVED

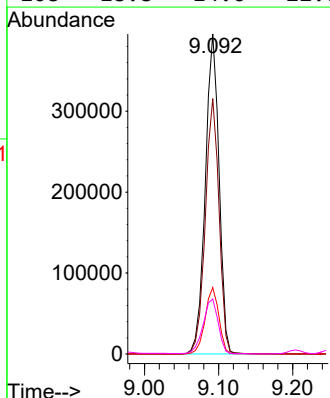
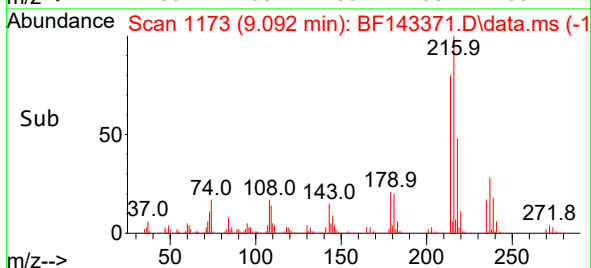
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

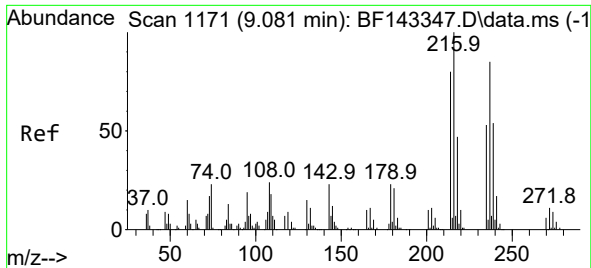


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.304 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



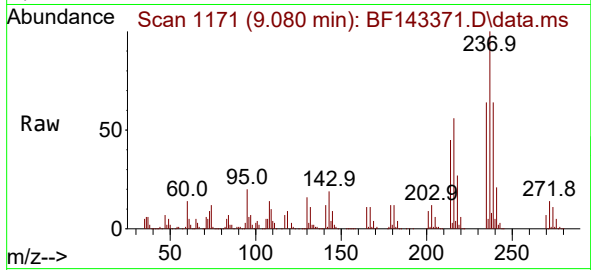
Tgt Ion:216 Resp: 509015
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.4
179 20.8 17.0 25.4
108 18.8 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 85.345 ng
RT: 9.080 min Scan# 1171
Delta R.T. -0.001 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

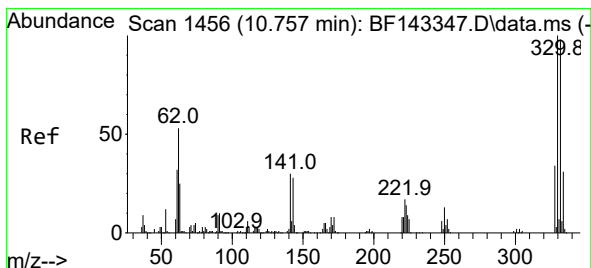
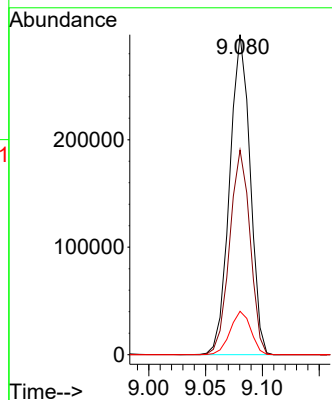
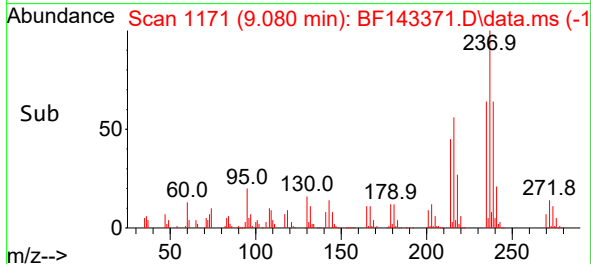
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



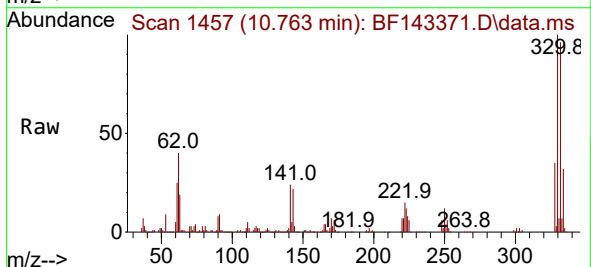
Tgt Ion:237 Resp: 37310
Ion Ratio Lower Upper
237 100
235 63.9 42.0 82.0
272 13.5 0.0 32.6

Manual Integrations
APPROVED

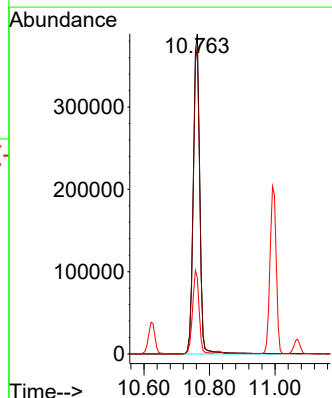
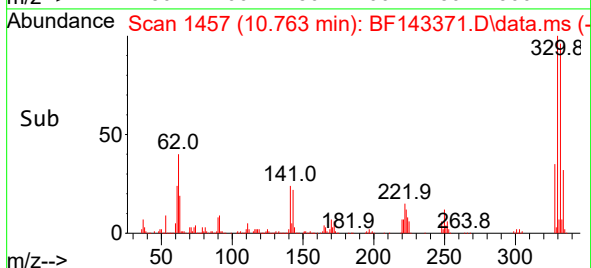
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

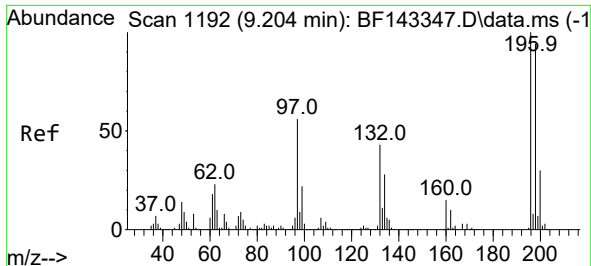


#42
2,4,6-Tribromophenol
Concen: 163.721 ng
RT: 10.763 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



Tgt Ion:330 Resp: 538851
Ion Ratio Lower Upper
330 100
332 95.9 78.1 117.1
141 26.0 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 48.717 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143371.D

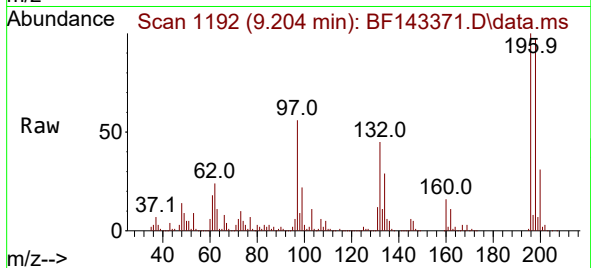
Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD



Tgt Ion:196 Resp: 340640

Ion Ratio Lower Upper

196 100

198 96.6 75.4 113.0

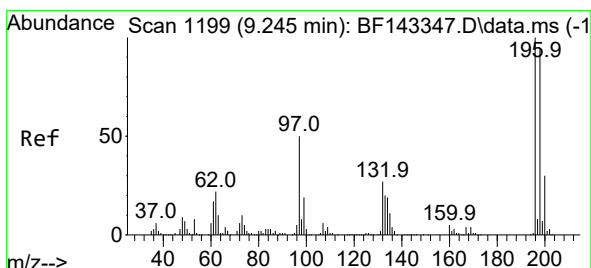
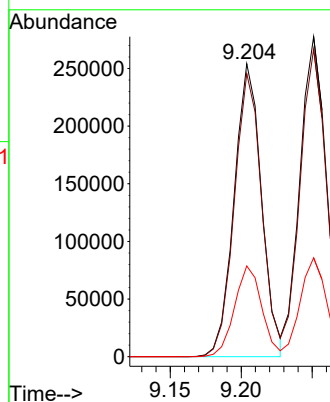
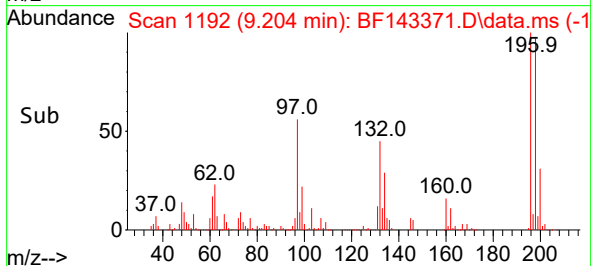
200 31.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#44

2,4,5-Trichlorophenol

Concen: 46.811 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

Tgt Ion:196 Resp: 369627

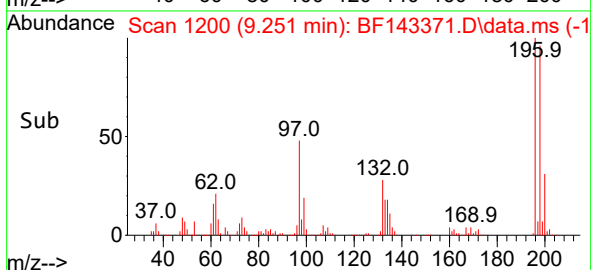
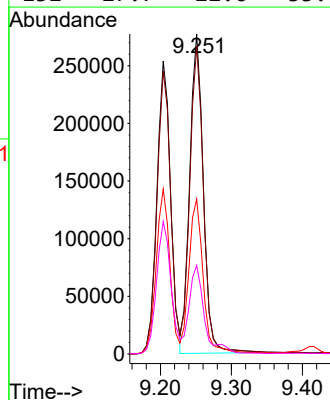
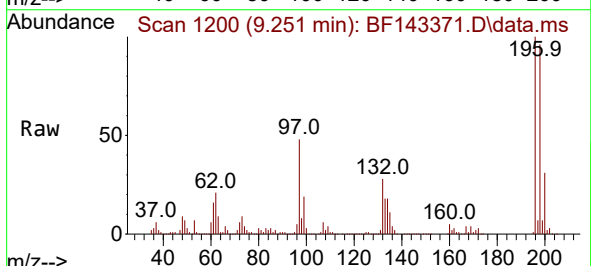
Ion Ratio Lower Upper

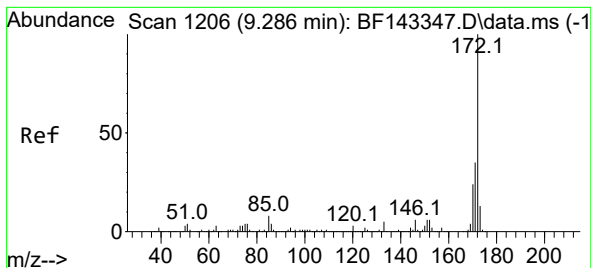
196 100

198 96.1 75.4 113.2

97 48.4 39.9 59.9

132 27.7 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 80.706 ng

RT: 9.286 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF143371.D

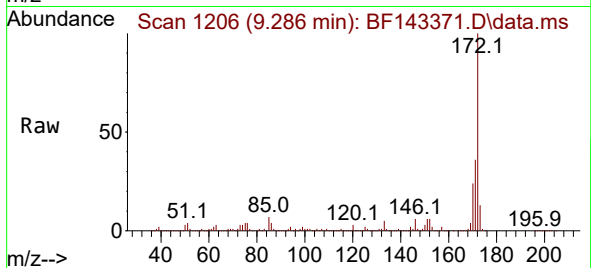
Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD



Tgt Ion:172 Resp: 214335

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

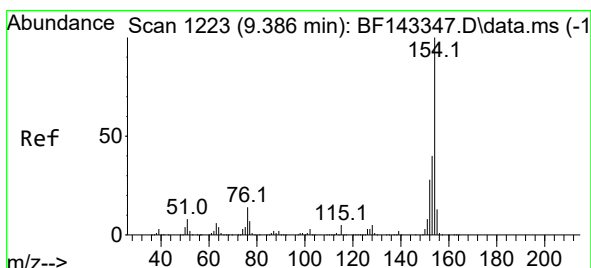
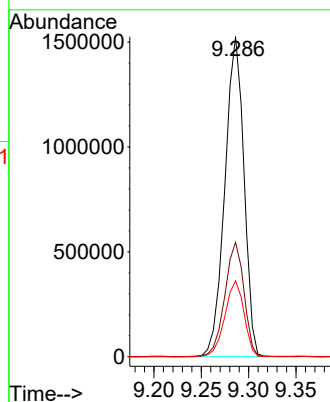
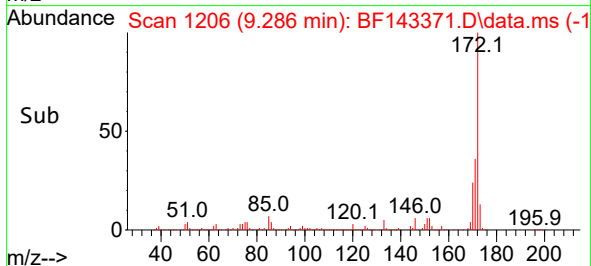
170 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#46

1,1'-Biphenyl

Concen: 41.904 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

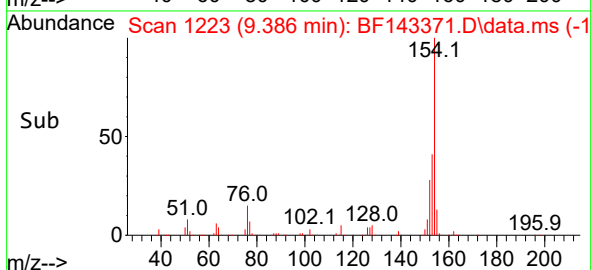
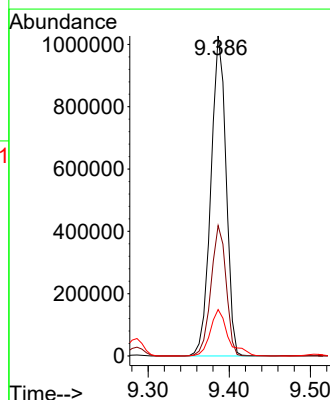
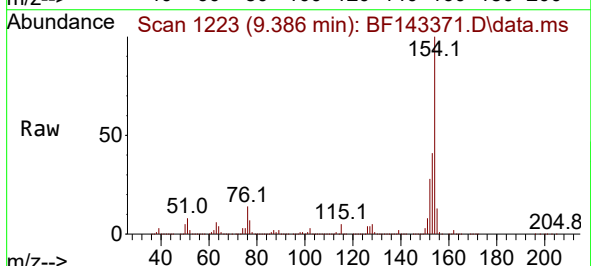
Tgt Ion:154 Resp: 1334328

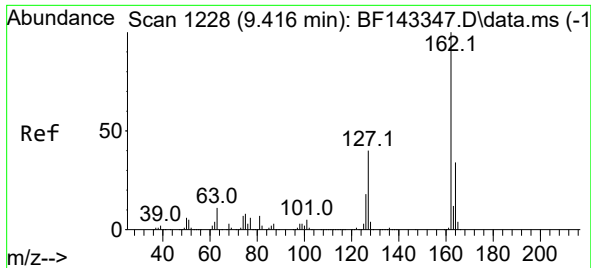
Ion Ratio Lower Upper

154 100

153 40.7 20.2 60.2

76 14.5 0.0 34.4





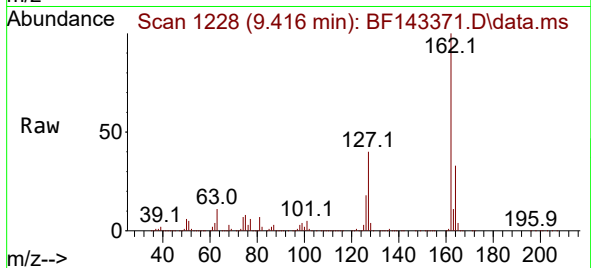
#47
2-Chloronaphthalene
Concen: 41.426 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD



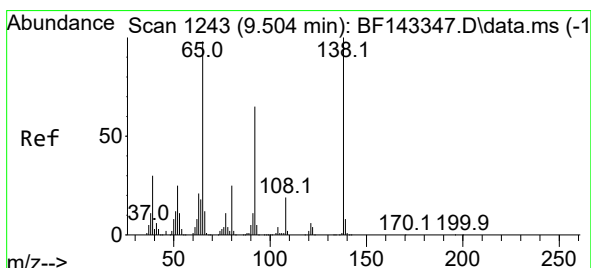
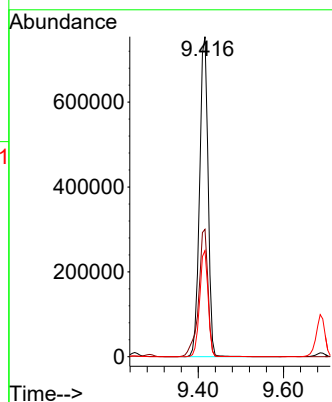
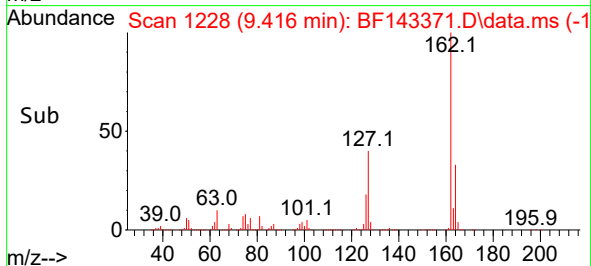
Tgt Ion:162 Resp: 103889
Ion Ratio Lower Upper
162 100
127 39.8 32.1 48.1
164 33.2 27.0 40.4

Manual Integrations

APPROVED

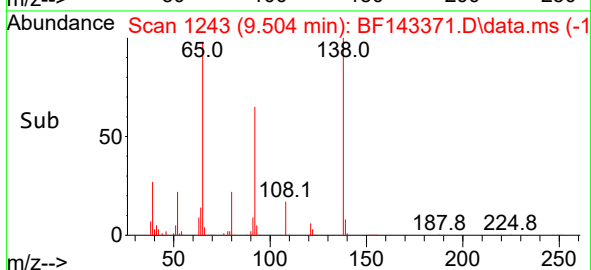
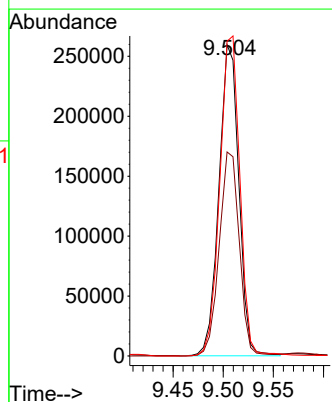
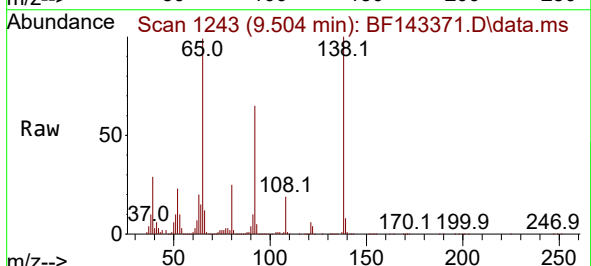
Reviewed By :Rahul Chavli 08/14/2025

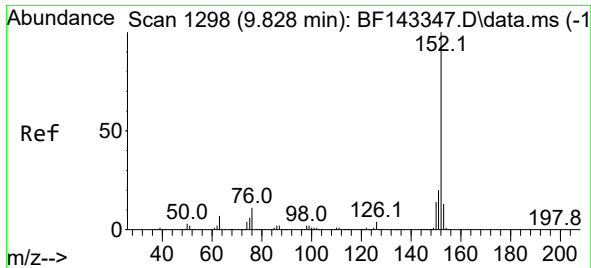
Supervised By :Jagrut Upadhyay 08/15/2025



#48
2-Nitroaniline
Concen: 49.315 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

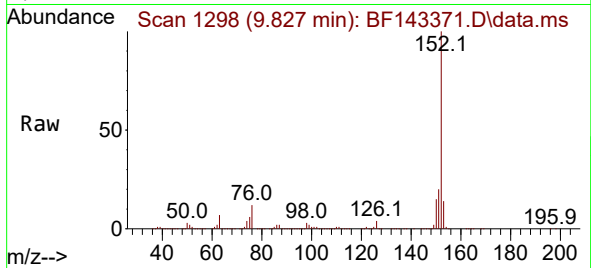
Tgt Ion: 65 Resp: 357271
Ion Ratio Lower Upper
65 100
92 65.5 53.1 79.7
138 101.1 81.4 122.0





#49
Acenaphthylene
Concen: 46.527 ng
RT: 9.827 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

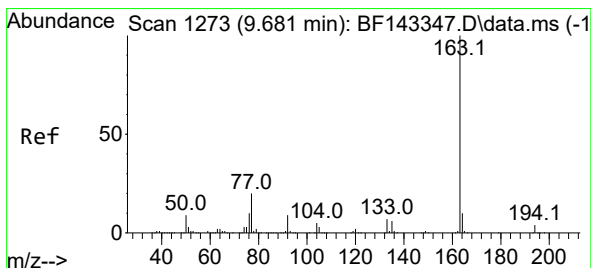
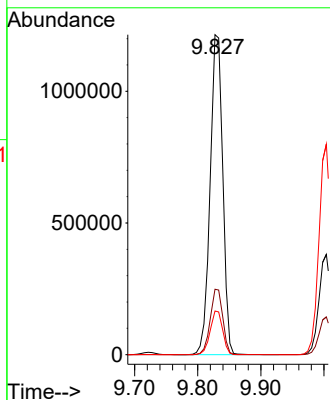
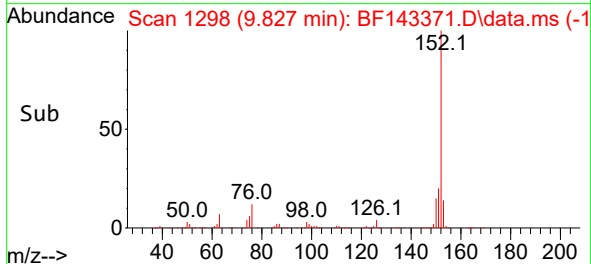
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



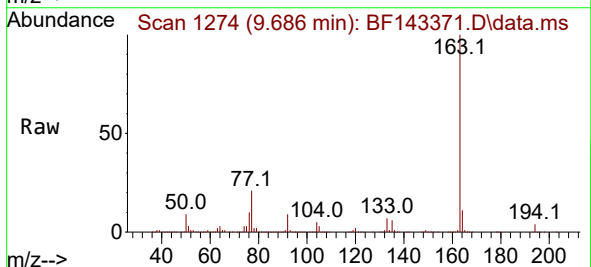
Tgt Ion:152 Resp: 1685034
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.7 10.6 16.0

Manual Integrations
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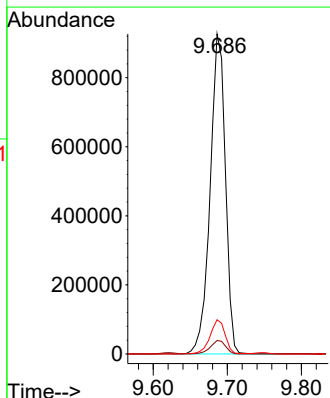
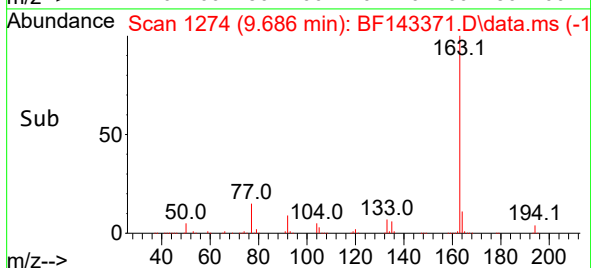
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

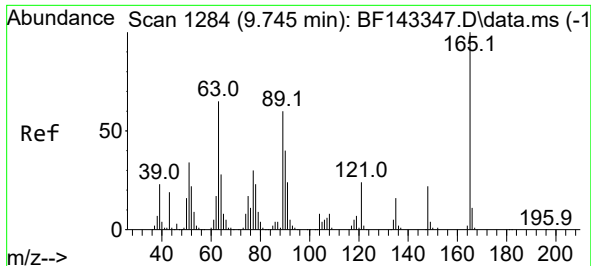


#50
Dimethylphthalate
Concen: 50.356 ng
RT: 9.686 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



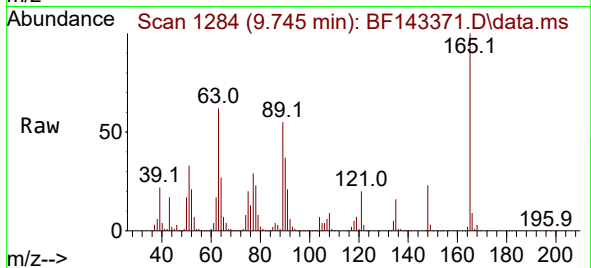
Tgt Ion:163 Resp: 1325108
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.7 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 56.724 ng
RT: 9.745 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

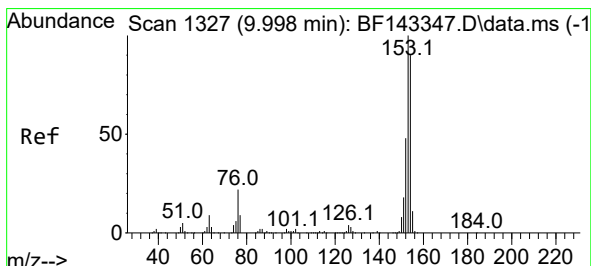
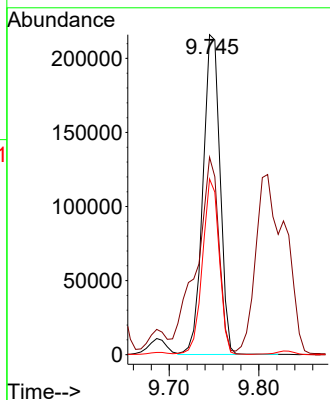
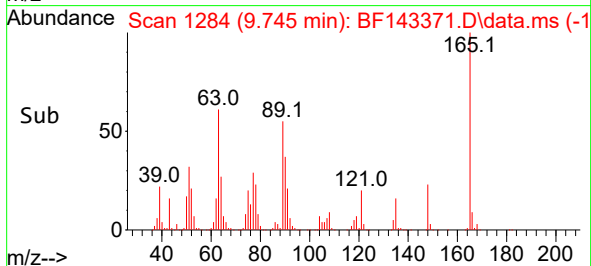
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



Tgt Ion:165 Resp: 285317
Ion Ratio Lower Upper
165 100
63 61.7 51.6 77.4
89 54.9 47.7 71.5

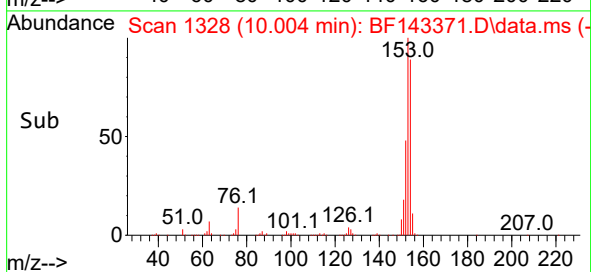
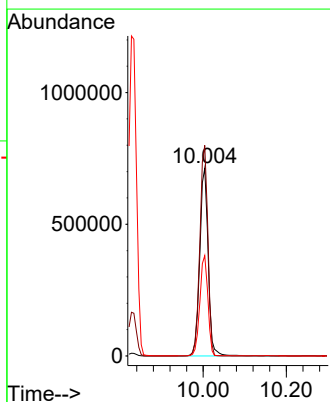
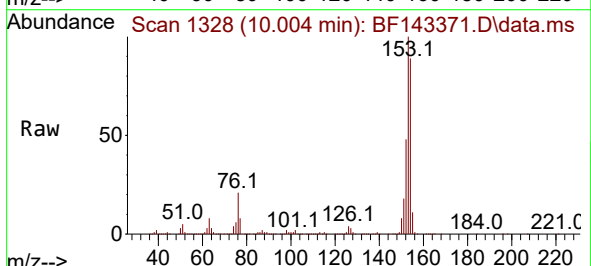
Manual Integrations
APPROVED

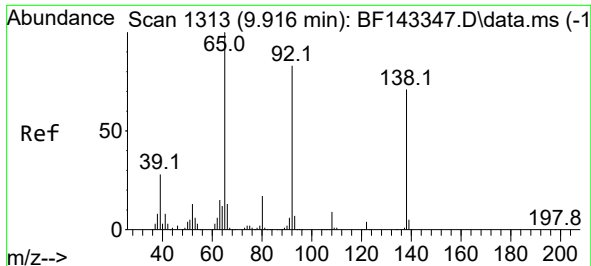
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#52
Acenaphthene
Concen: 41.392 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

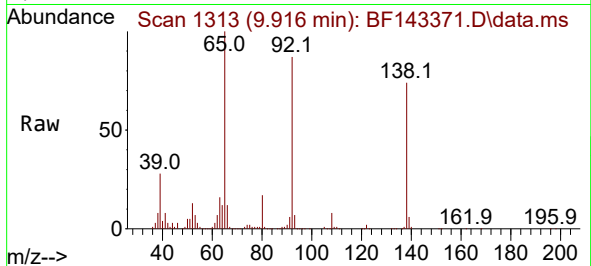
Tgt Ion:154 Resp: 996598
Ion Ratio Lower Upper
154 100
153 112.2 88.5 132.7
152 53.4 42.4 63.6





#53
3-Nitroaniline
Concen: 24.562 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

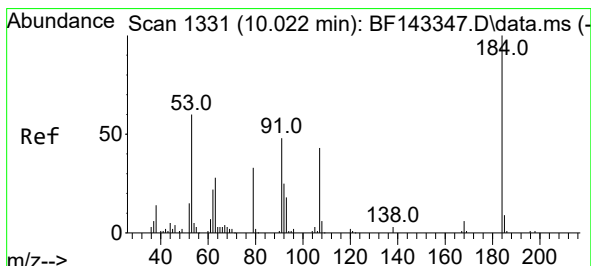
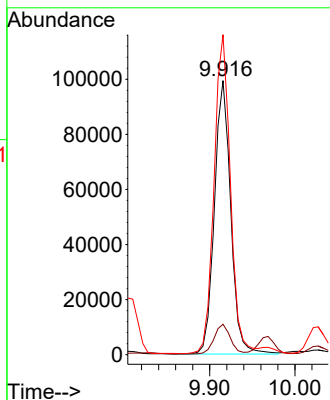
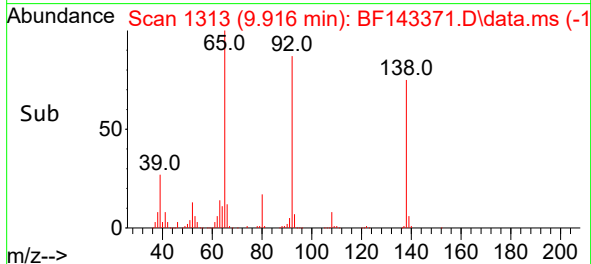
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



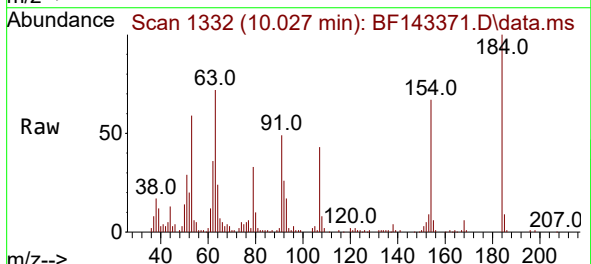
Tgt Ion:138 Resp: 132360
Ion Ratio Lower Upper
138 100
108 11.1 9.6 14.4
92 116.8 93.4 140.2

Manual Integrations
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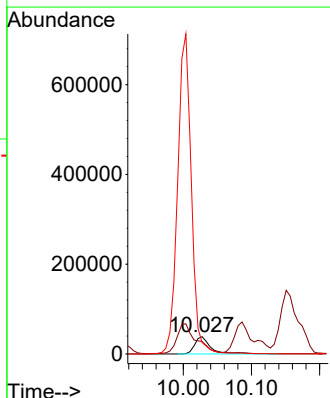
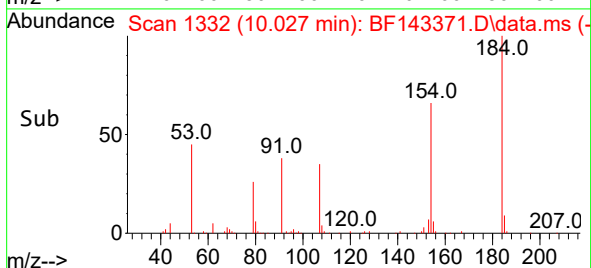
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

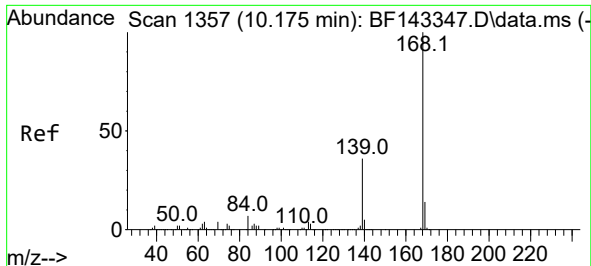


#54
2,4-Dinitrophenol
Concen: 41.295 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.005 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



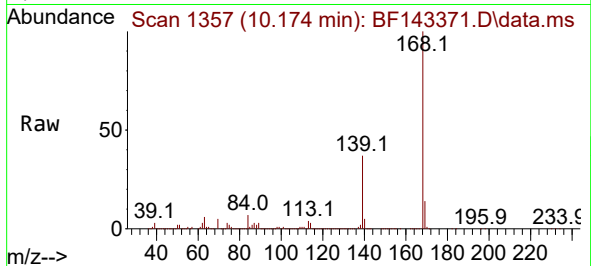
Tgt Ion:184 Resp: 63507
Ion Ratio Lower Upper
184 100
63 71.9 62.5 93.7
154 66.7 73.0 109.4#





#55
Dibenzenofuran
Concen: 42.491 ng
RT: 10.174 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

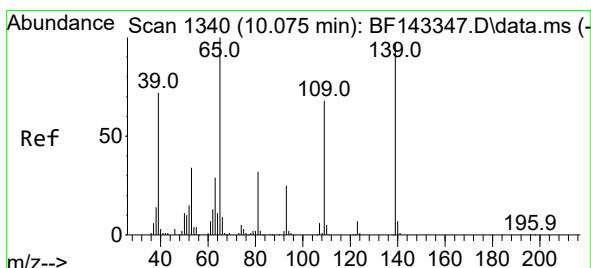
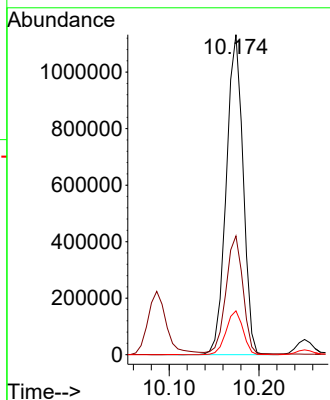
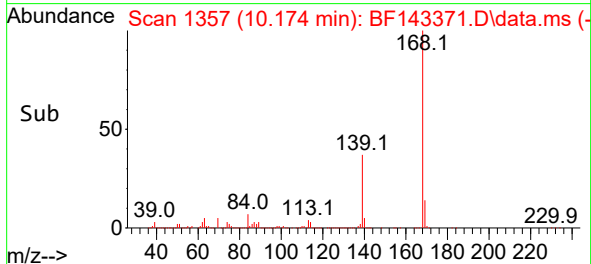
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



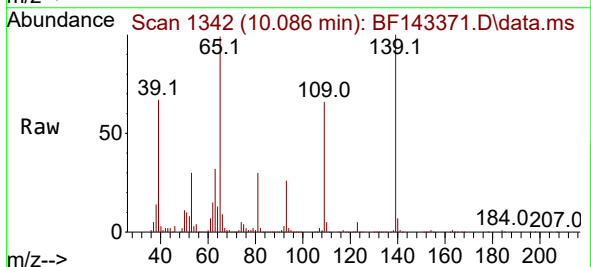
Tgt Ion:168 Resp: 147240
Ion Ratio Lower Upper
168 100
139 37.1 29.4 44.0
169 13.7 11.0 16.6

Manual Integrations
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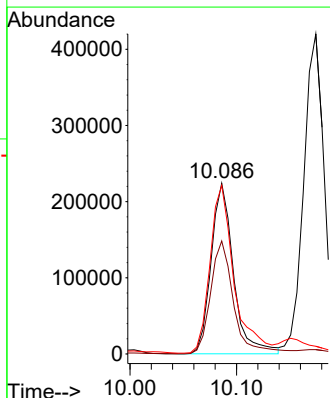
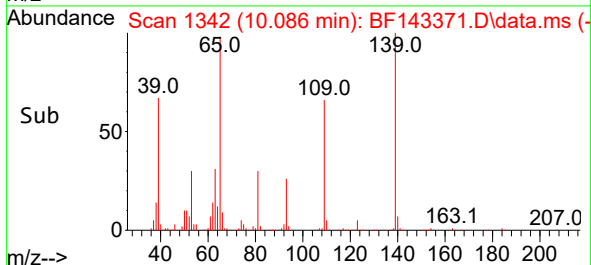
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

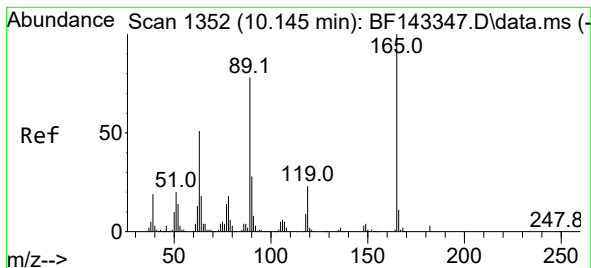


#56
4-Nitrophenol
Concen: 76.470 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



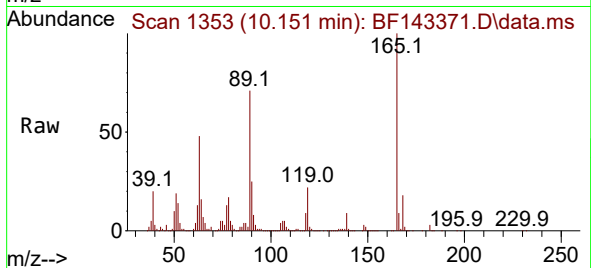
Tgt Ion:139 Resp: 328236
Ion Ratio Lower Upper
139 100
109 66.1 49.4 89.4
65 98.8 83.7 123.7





#57
2,4-Dinitrotoluene
Concen: 57.700 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

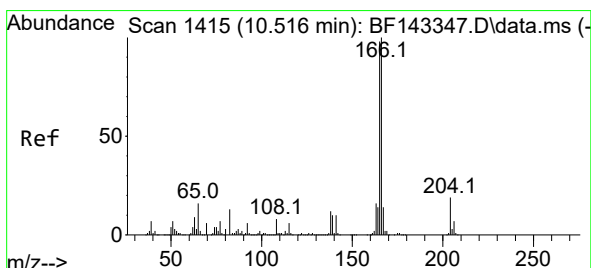
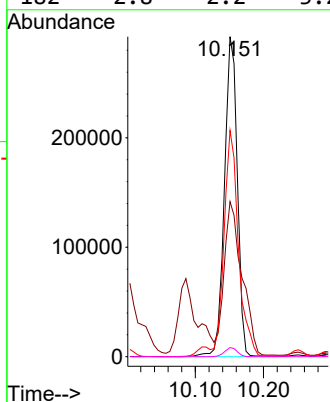
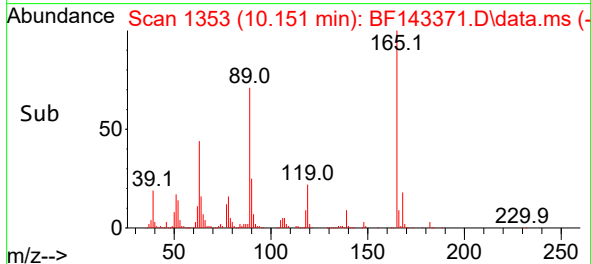
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



Tgt Ion:165 Resp: 38556
Ion Ratio Lower Upper
165 100
63 48.4 41.8 62.8
89 70.7 62.4 93.6
182 2.8 2.2 3.2

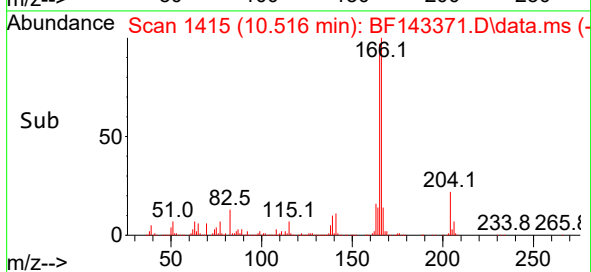
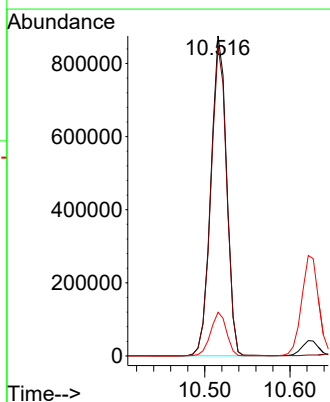
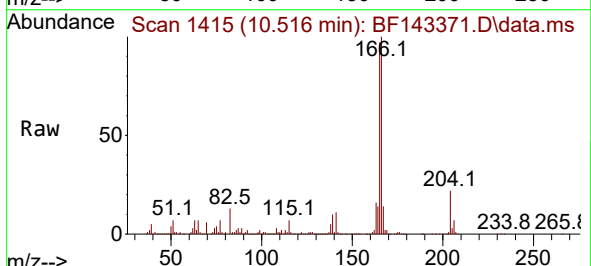
Manual Integrations
APPROVED

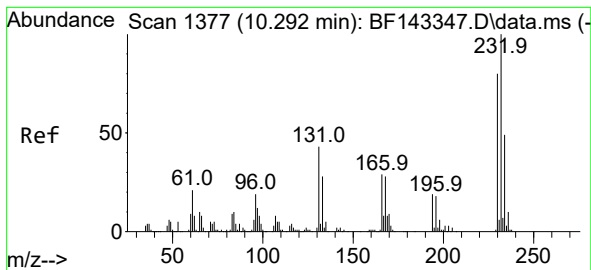
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#58
Fluorene
Concen: 42.608 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

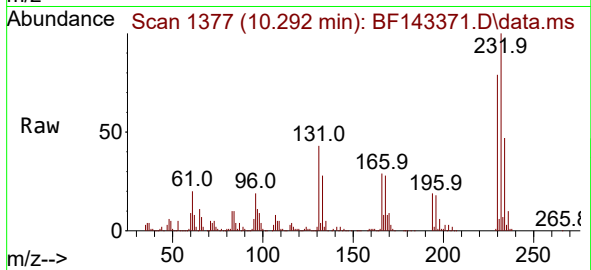
Tgt Ion:166 Resp: 1127743
Ion Ratio Lower Upper
166 100
165 96.7 78.2 117.4
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.232 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

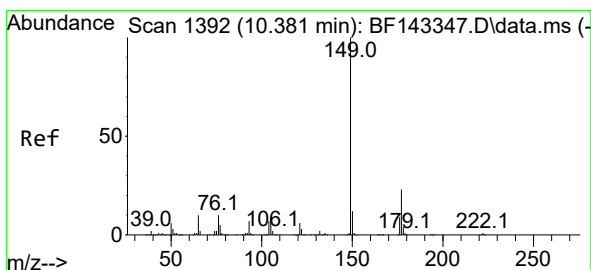
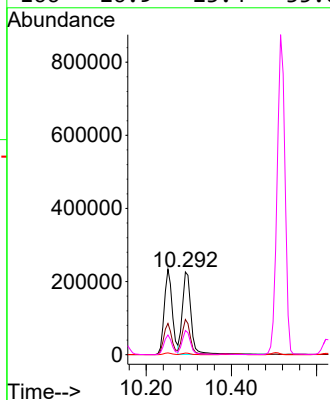
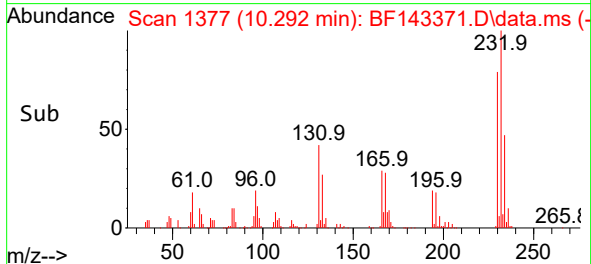
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



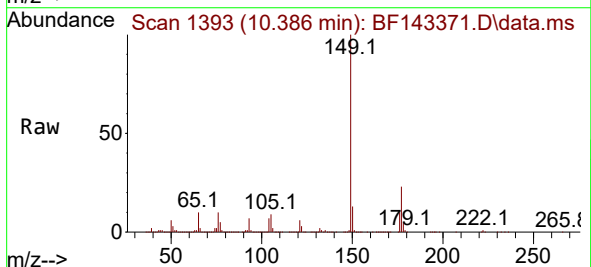
Tgt Ion:232 Resp: 320598
Ion Ratio Lower Upper
232 100
131 39.9 34.6 51.8
130 1.9 1.7 2.5
166 26.9 23.4 35.0

Manual Integrations
APPROVED

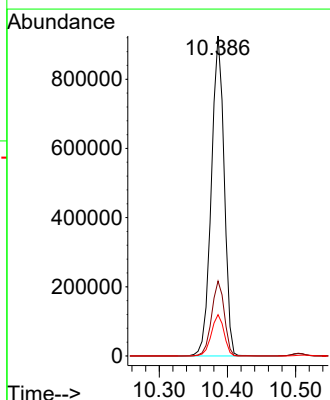
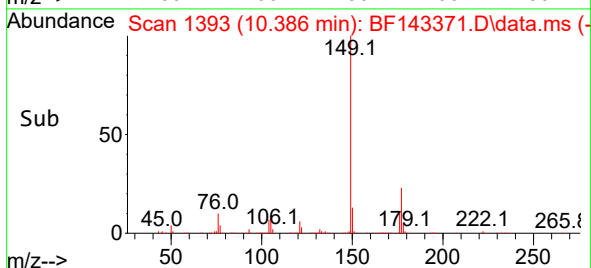
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

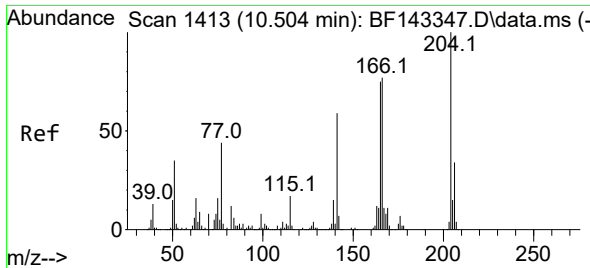


#60
Diethylphthalate
Concen: 51.408 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



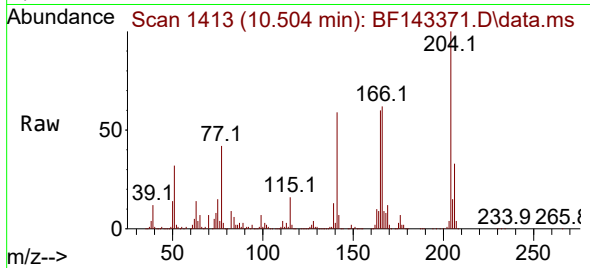
Tgt Ion:149 Resp: 1211721
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.926 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

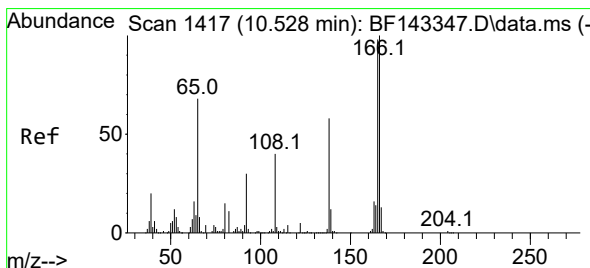
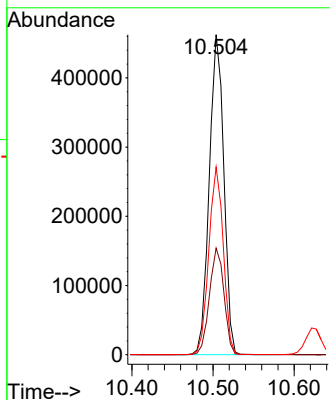
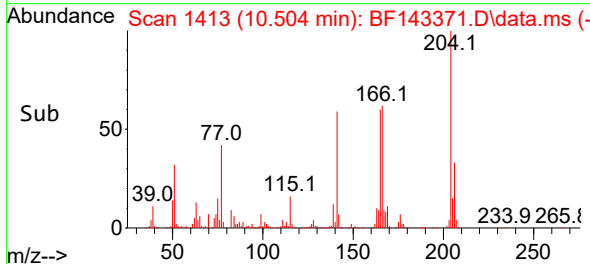
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



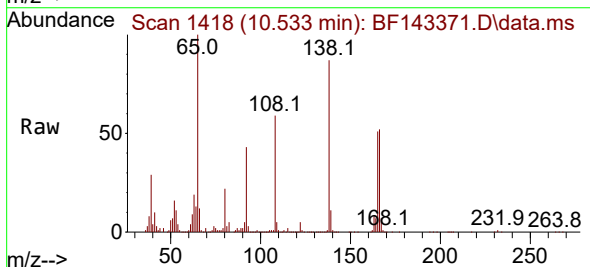
Tgt Ion:204 Resp: 57455
Ion Ratio Lower Upper
204 100
206 33.3 27.4 41.2
141 58.6 46.9 70.3

Manual Integrations
APPROVED

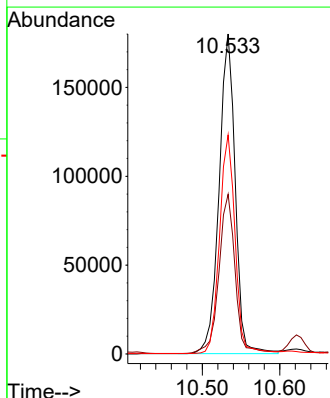
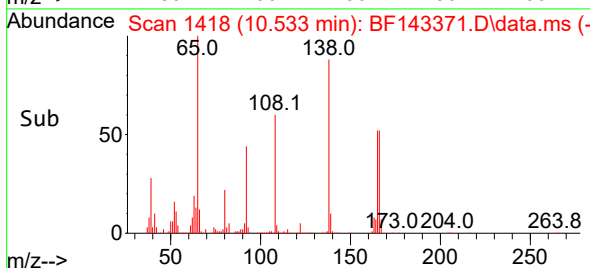
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

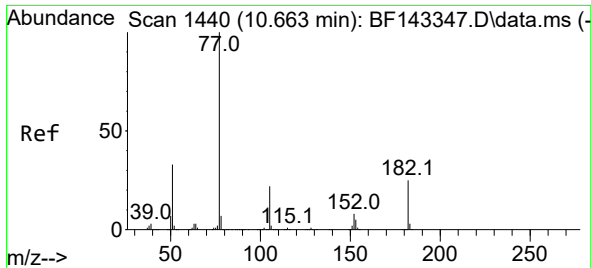


#62
4-Nitroaniline
Concen: 49.862 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



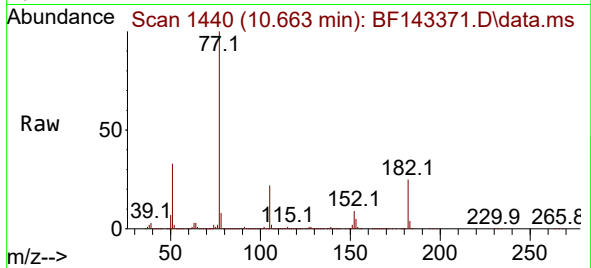
Tgt Ion:138 Resp: 259978
Ion Ratio Lower Upper
138 100
92 49.9 31.2 71.2
108 68.4 48.1 88.1





#63
Azobenzene
Concen: 46.237 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

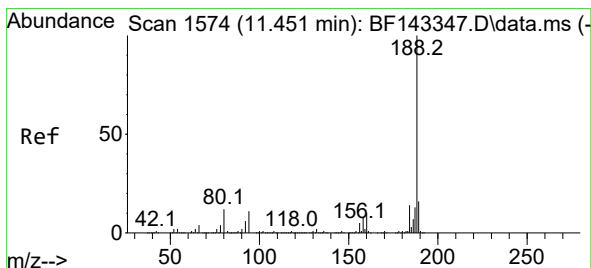
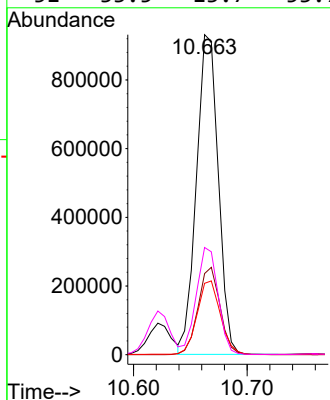
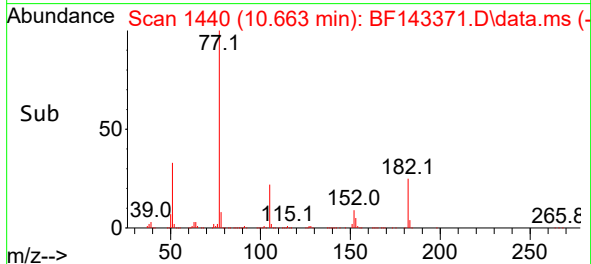
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



Tgt Ion: 77 Resp: 124484
Ion Ratio Lower Upper
77 100
182 25.3 4.4 44.4
105 22.3 1.8 41.8
51 33.5 13.7 53.7

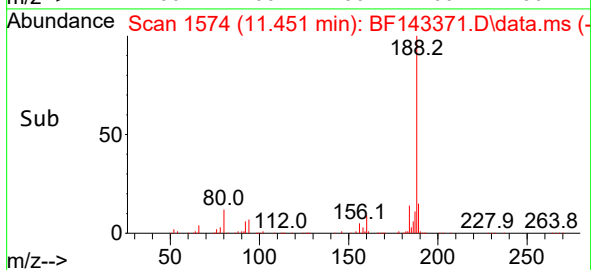
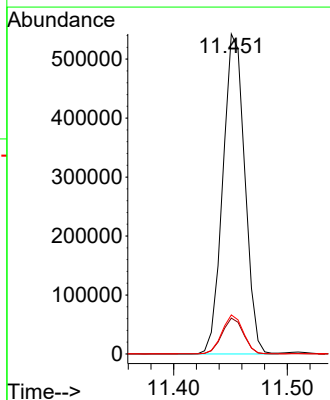
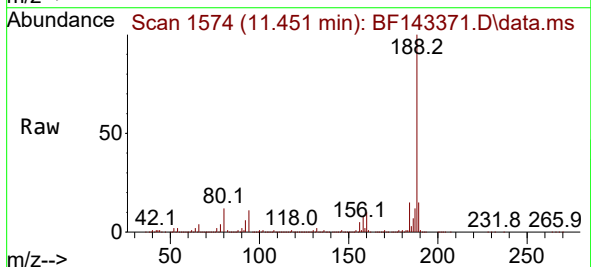
Manual Integrations
APPROVED

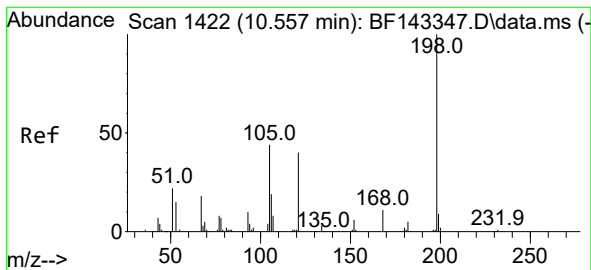
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Tgt Ion:188 Resp: 728251
Ion Ratio Lower Upper
188 100
94 11.2 8.8 13.2
80 12.2 9.7 14.5





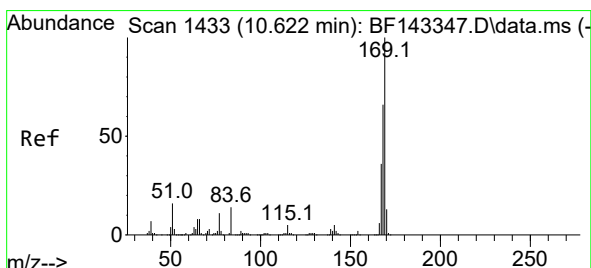
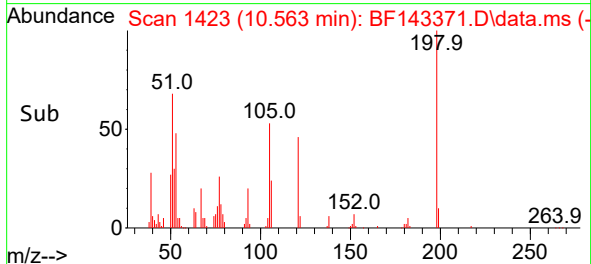
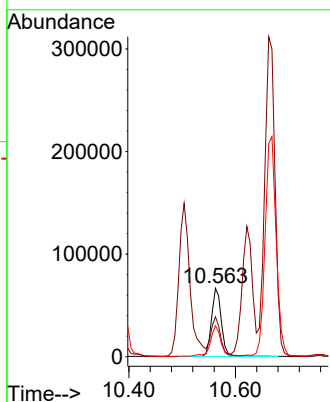
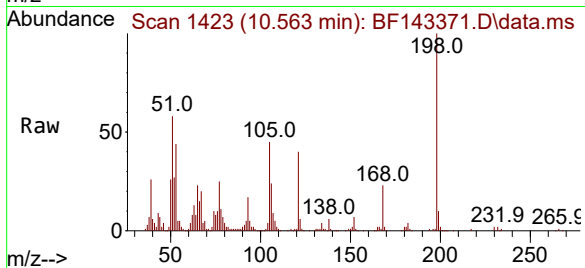
#65
4,6-Dinitro-2-methylphenol
Concen: 32.058 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion:198 Resp: 86081
Ion Ratio Lower Upper
198 100
51 58.2 41.7 81.7
105 45.1 26.8 66.8

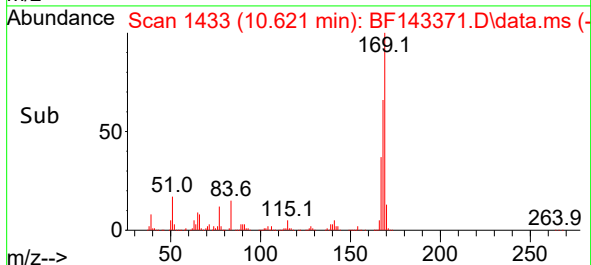
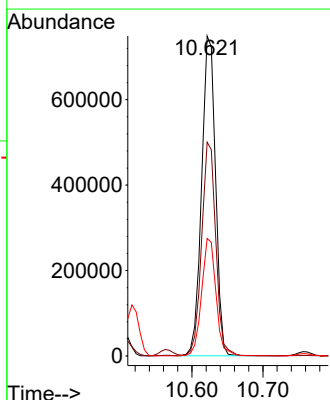
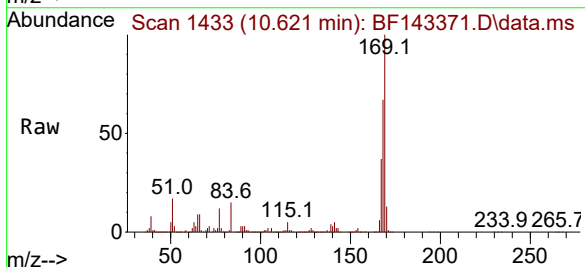
Manual Integrations
APPROVED

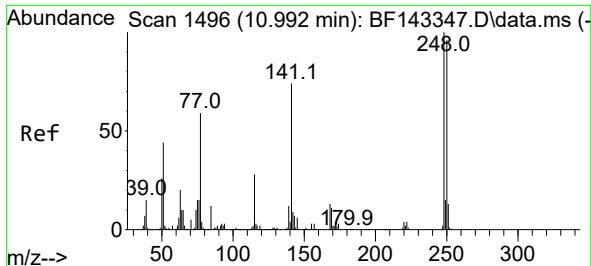
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#66
n-Nitrosodiphenylamine
Concen: 42.418 ng
RT: 10.621 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

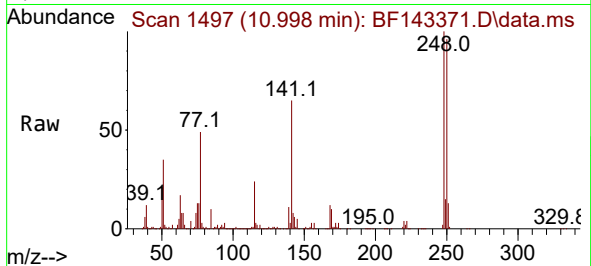
Tgt Ion:169 Resp: 1017180
Ion Ratio Lower Upper
169 100
168 66.8 52.7 79.1
167 36.7 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 45.768 ng
RT: 10.998 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

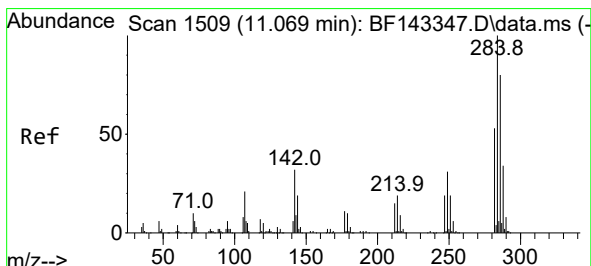
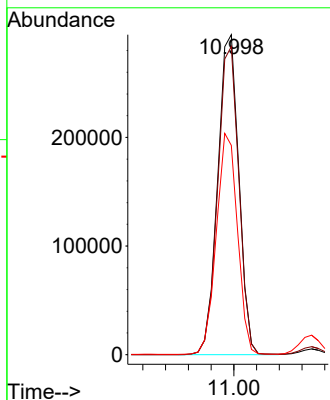
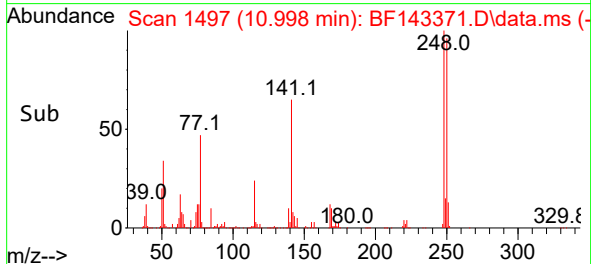
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



Tgt Ion:248 Resp: 381190
Ion Ratio Lower Upper
248 100
250 96.3 77.1 115.7
141 65.4 59.1 88.7

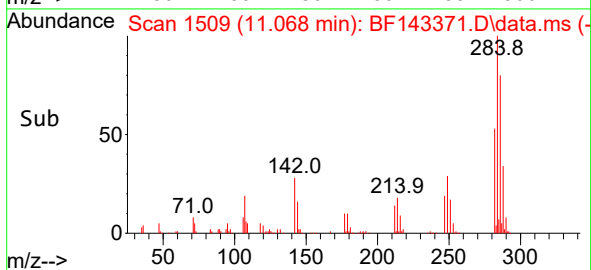
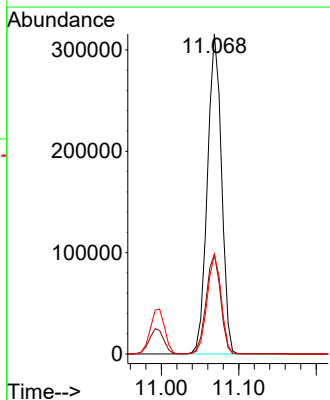
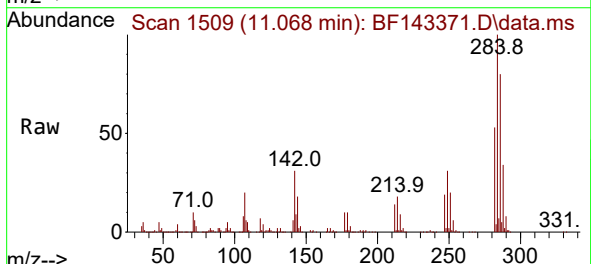
Manual Integrations
APPROVED

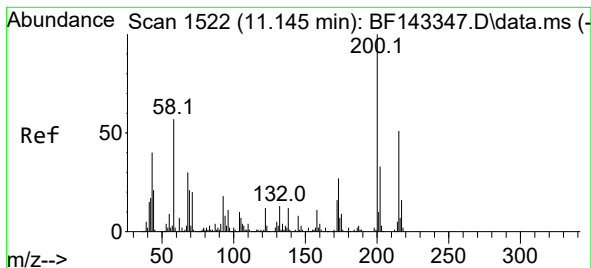
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#68
Hexachlorobenzene
Concen: 44.442 ng
RT: 11.068 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Tgt Ion:284 Resp: 398986
Ion Ratio Lower Upper
284 100
142 31.2 25.7 38.5
249 30.9 24.6 37.0





#69

Atrazine

Concen: 55.100 ng

RT: 11.151 min Scan# 1523

Delta R.T. 0.006 min

Lab File: BF143371.D

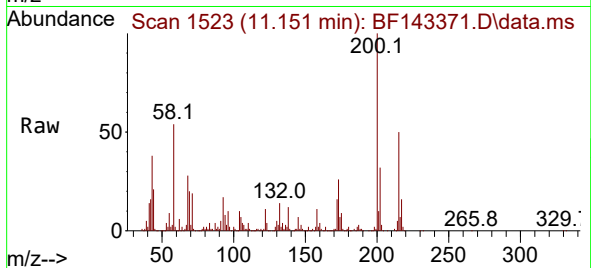
Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD



Tgt Ion:200 Resp: 34462

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

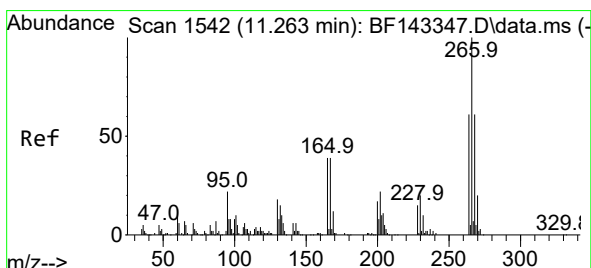
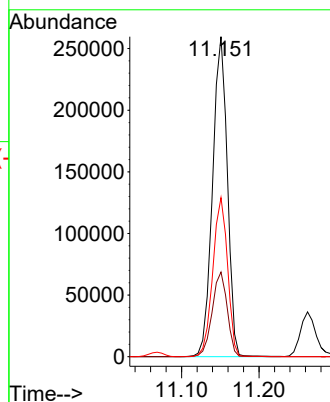
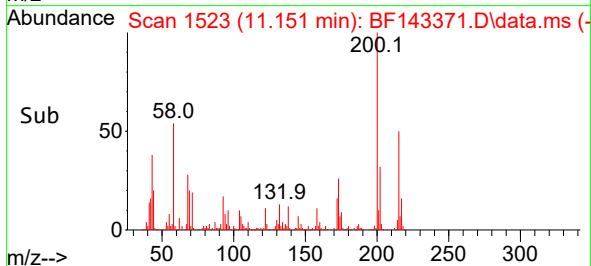
215 49.7 30.6 70.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#70

Pentachlorophenol

Concen: 71.495 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

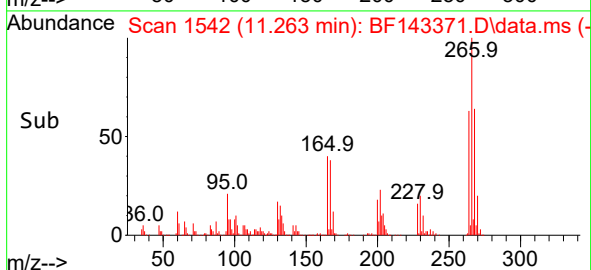
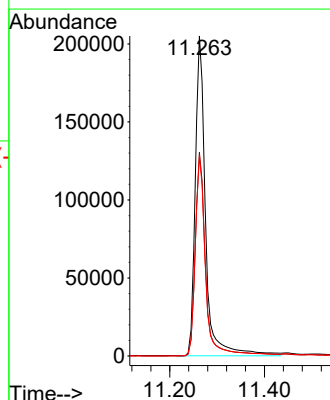
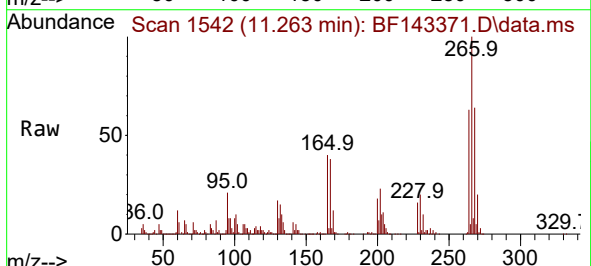
Tgt Ion:266 Resp: 311192

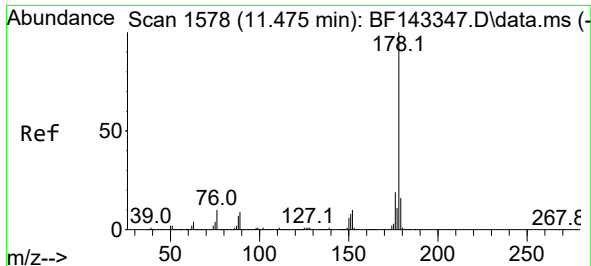
Ion Ratio Lower Upper

266 100

268 63.6 48.8 73.2

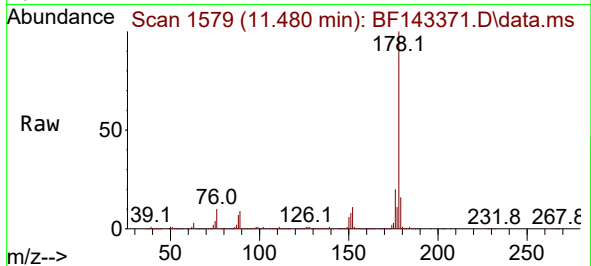
264 62.7 48.8 73.2





#71
Phenanthrene
Concen: 41.545 ng
RT: 11.480 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

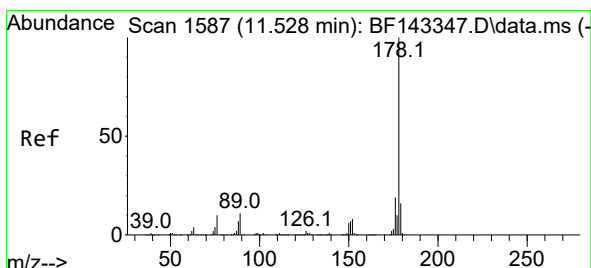
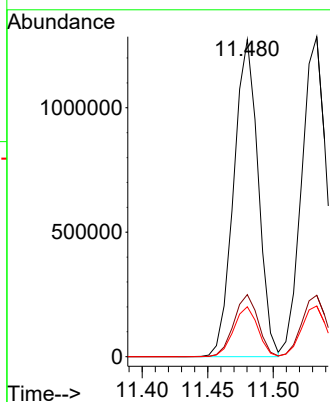
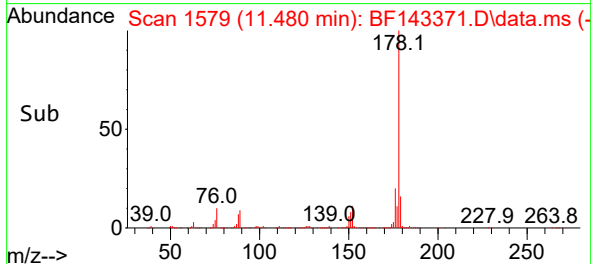
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



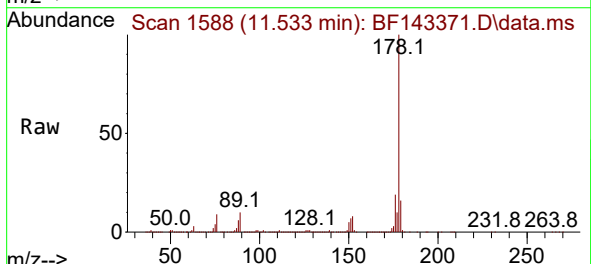
Tgt Ion:178 Resp: 1650708
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.5 18.7

Manual Integrations
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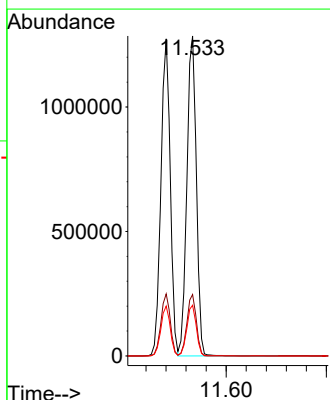
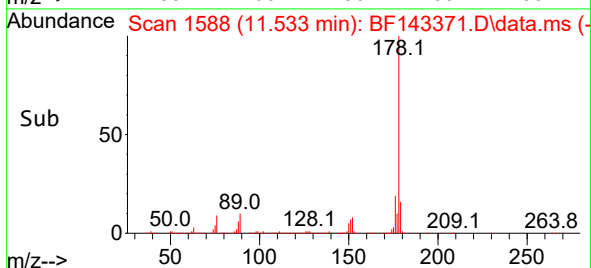
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

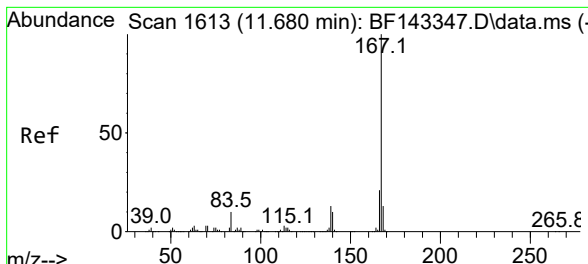


#72
Anthracene
Concen: 41.910 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



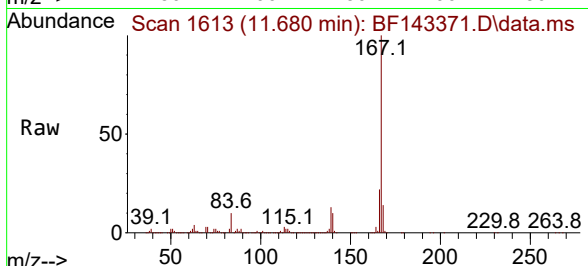
Tgt Ion:178 Resp: 1688773
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.9 12.7 19.1





#73
 Carbazole
 Concen: 43.659 ng
 RT: 11.680 min Scan# 1613
 Delta R.T. -0.000 min
 Lab File: BF143371.D
 Acq: 13 Aug 2025 13:12

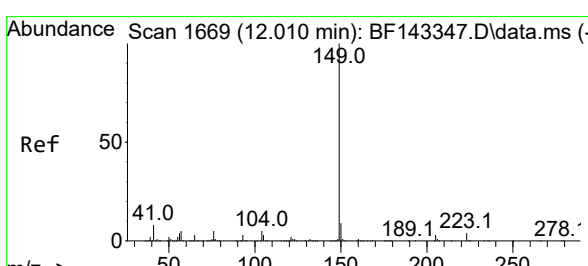
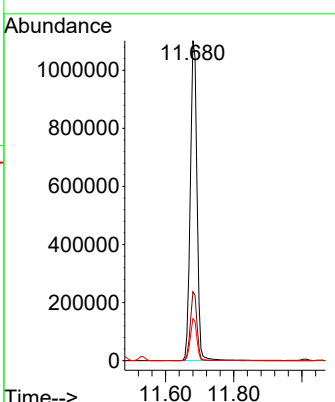
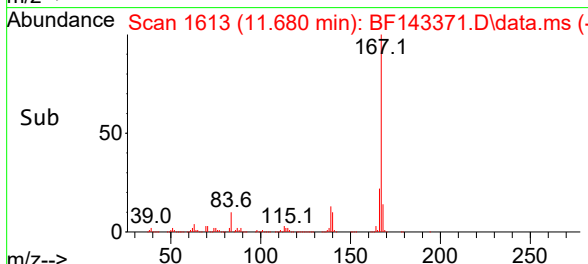
Instrument : BNA_F
 ClientSampleId : TP-7MSD



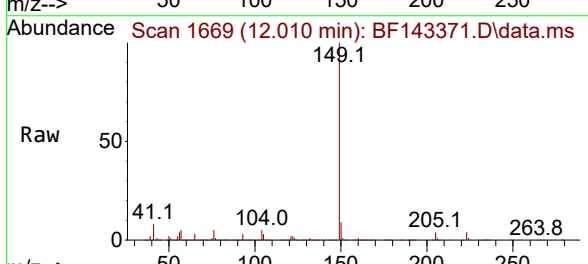
Tgt Ion:167 Resp: 149827

Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.8	25.2
139	13.2	10.2	15.2

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 Reviewed By :Rahul Chavli 08/14/2025
 Supervised By :Jagrut Upadhyay 08/15/2025

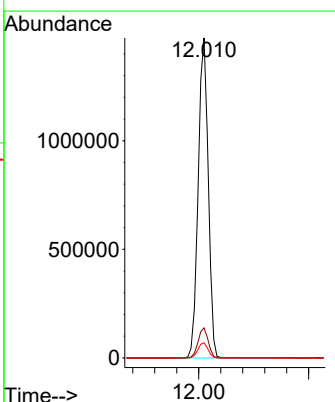
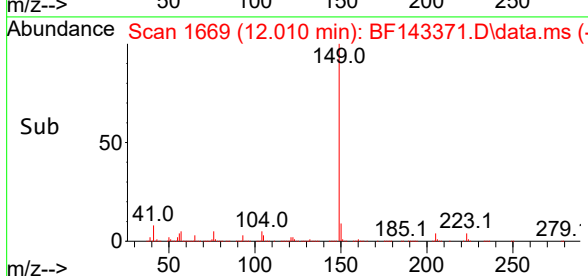


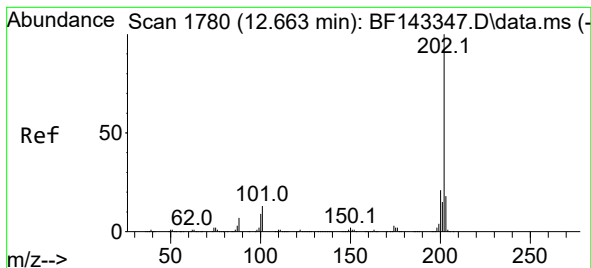
#74
 Di-n-butylphthalate
 Concen: 64.445 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143371.D
 Acq: 13 Aug 2025 13:12



Tgt Ion:149 Resp: 1871467

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	4.7	3.8	5.8





#75

Fluoranthene

Concen: 47.516 ng

RT: 12.668 min Scan# 1780

Delta R.T. 0.006 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion:202 Resp: 165378

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.2

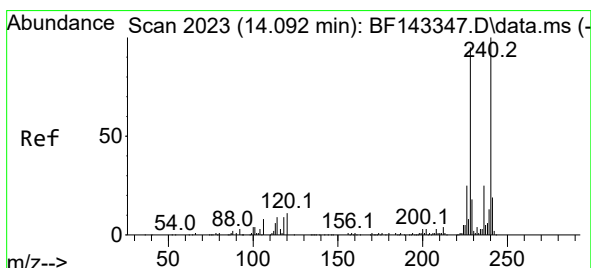
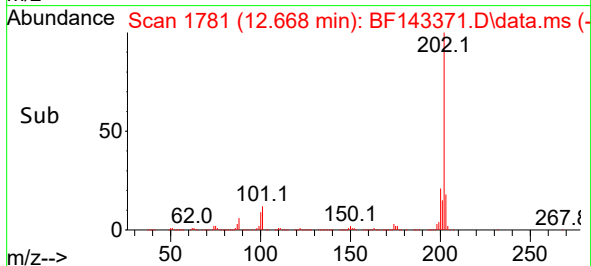
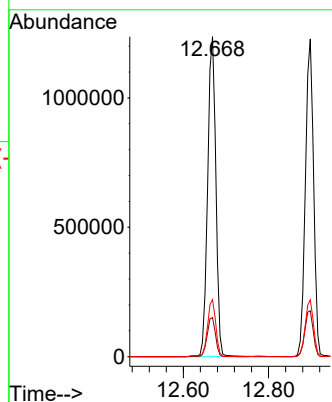
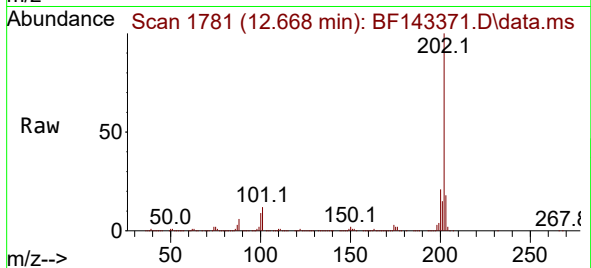
203 17.9 0.0 37.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

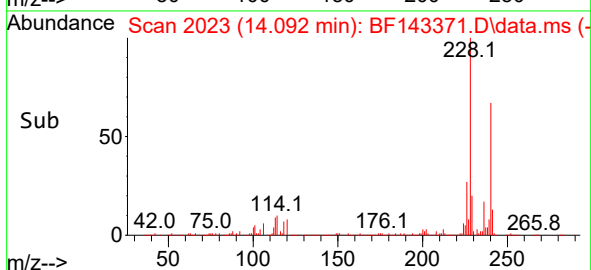
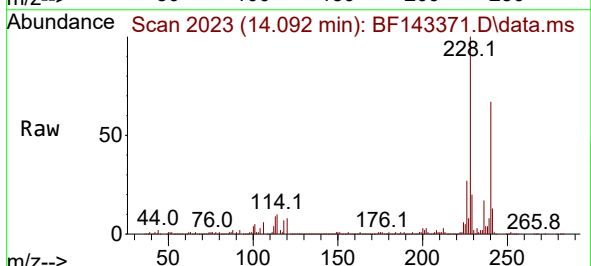
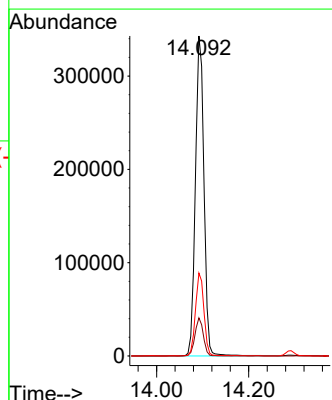
Tgt Ion:240 Resp: 441399

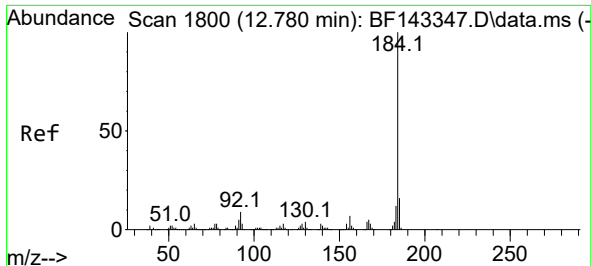
Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.6

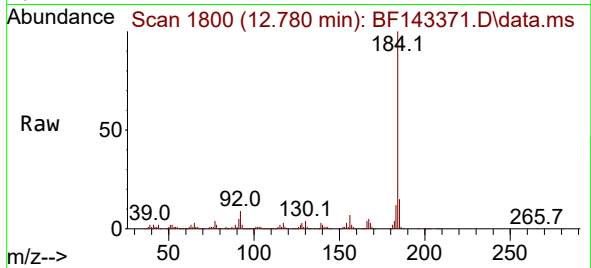
236 25.9 19.9 29.9





#77
Benzidine
Concen: 30.945 ng
RT: 12.780 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

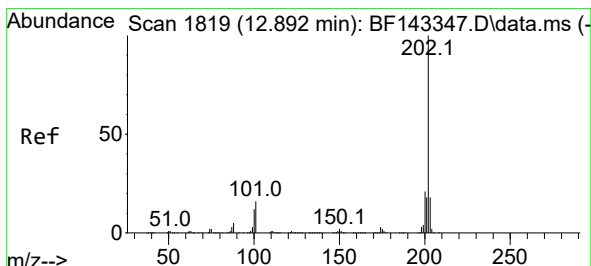
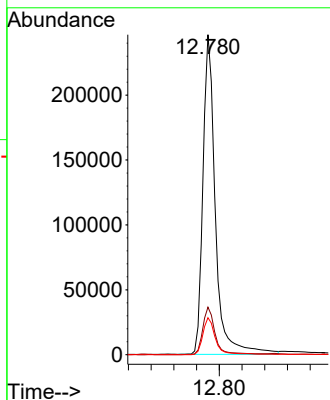
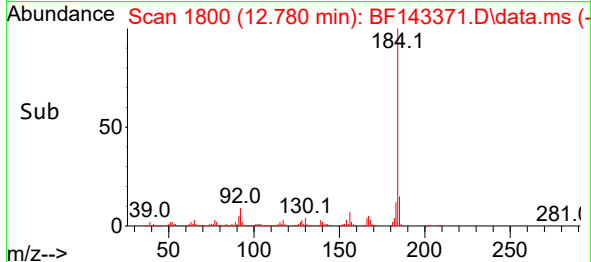
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



Tgt Ion:184 Resp: 37342
Ion Ratio Lower Upper
184 100
185 14.9 12.8 19.2
183 11.5 9.3 13.9

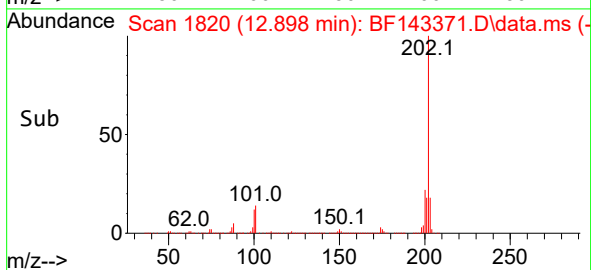
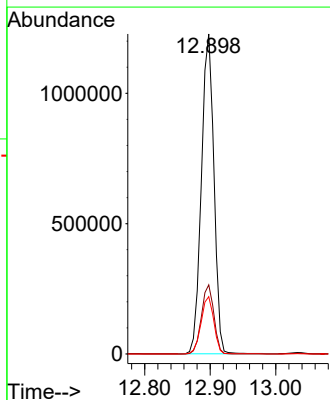
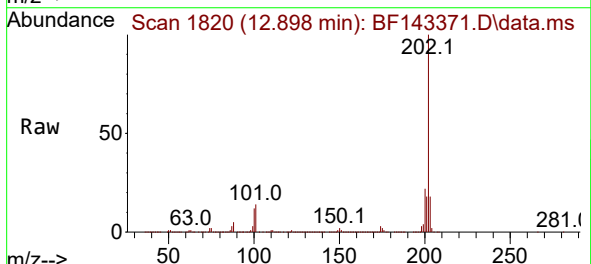
Manual Integrations
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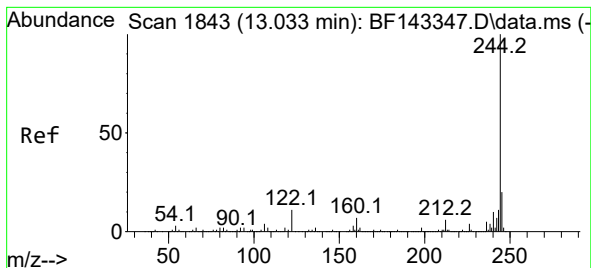
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#78
Pyrene
Concen: 44.203 ng
RT: 12.898 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Tgt Ion:202 Resp: 1636811
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 87.580 ng

RT: 13.033 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion:244 Resp: 216529

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

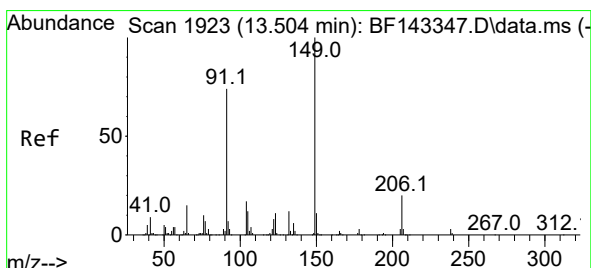
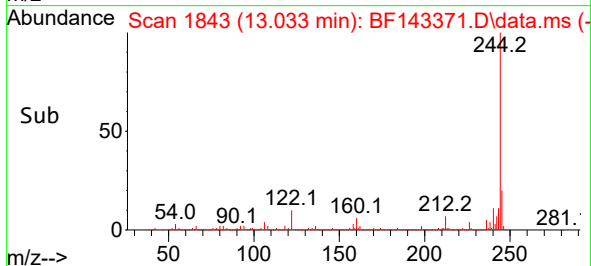
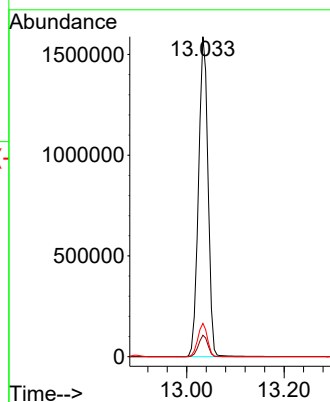
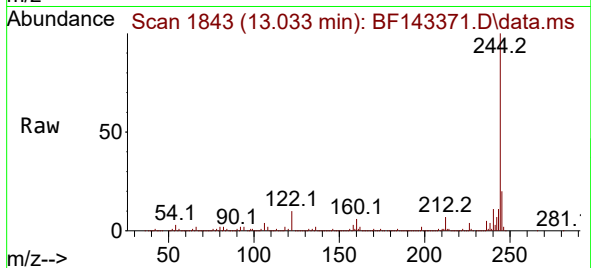
122 10.4 8.9 13.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#80

Butylbenzylphthalate

Concen: 88.330 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

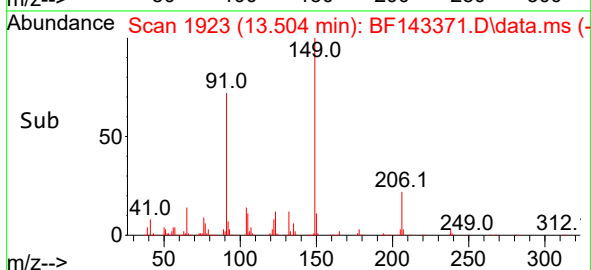
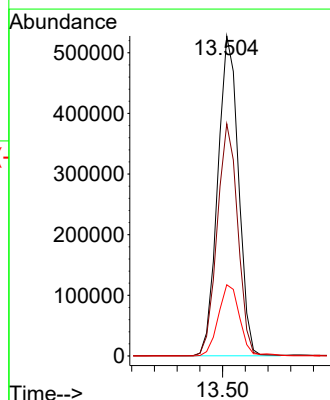
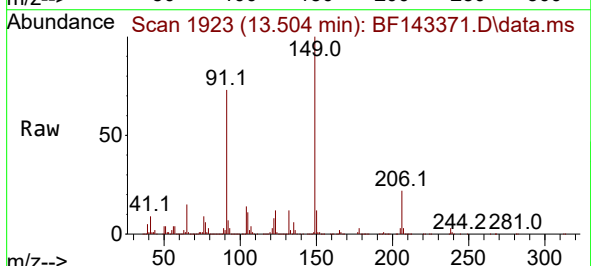
Tgt Ion:149 Resp: 668498

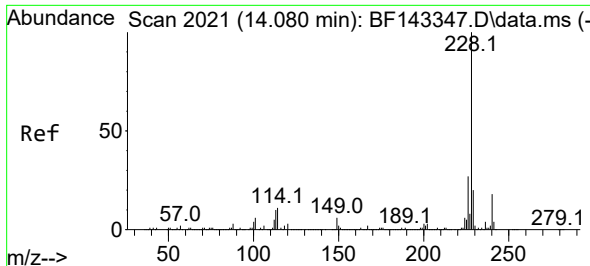
Ion Ratio Lower Upper

149 100

91 72.5 58.8 88.2

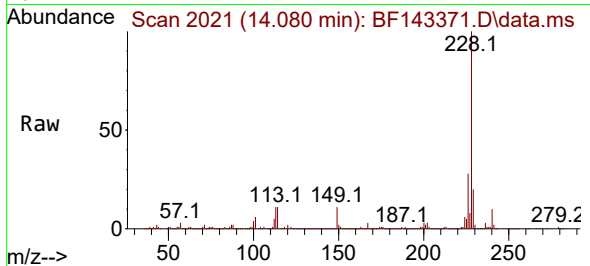
206 22.3 16.4 24.6





#81
Benzo(a)anthracene
Concen: 46.367 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

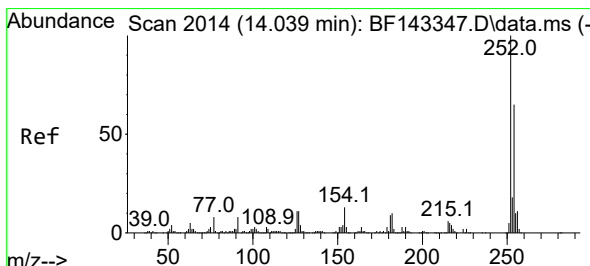
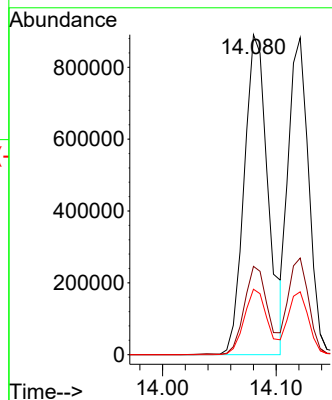
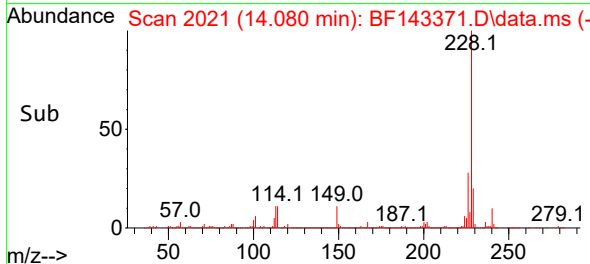
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



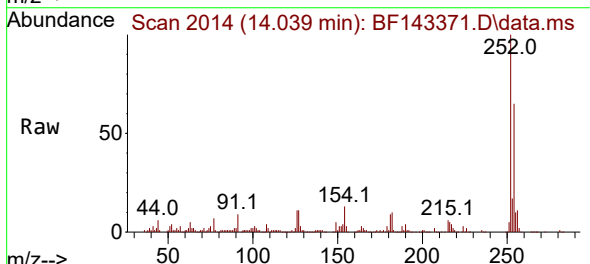
Tgt Ion:228 Resp: 130083
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 20.4 15.8 23.8

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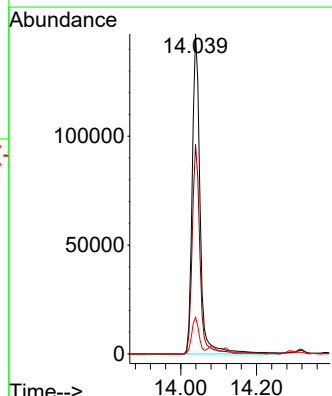
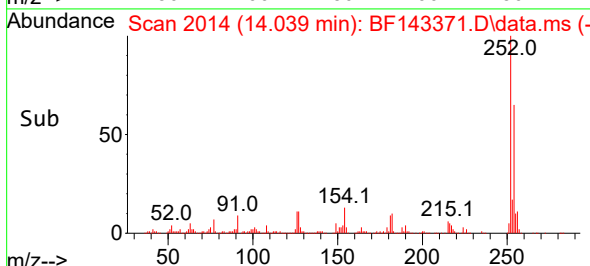
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

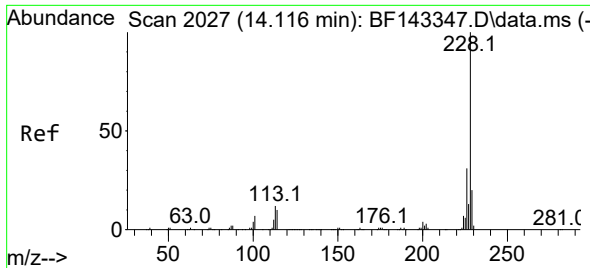


#82
3,3'-Dichlorobenzidine
Concen: 28.267 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



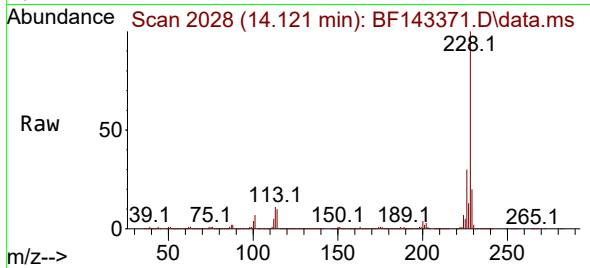
Tgt Ion:252 Resp: 214137
Ion Ratio Lower Upper
252 100
254 65.5 51.7 77.5
126 11.4 9.2 13.8





#83
Chrysene
Concen: 42.286 ng
RT: 14.121 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

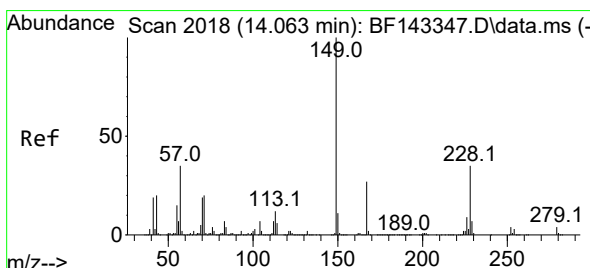
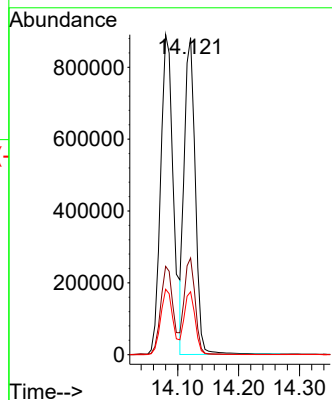
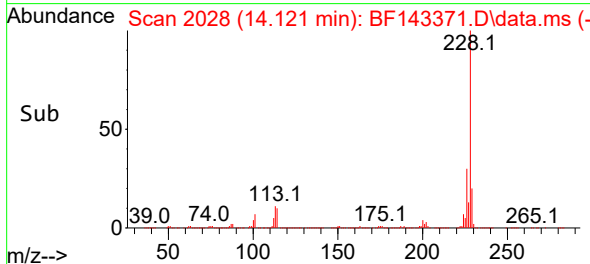
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



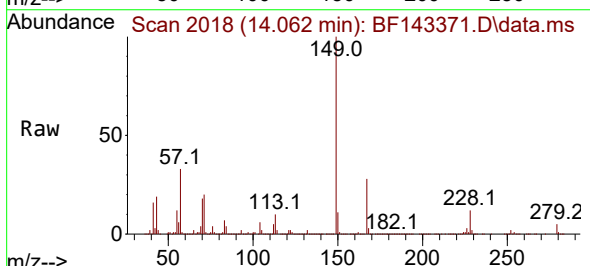
Tgt Ion:228 Resp: 110618
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.9 15.8 23.6

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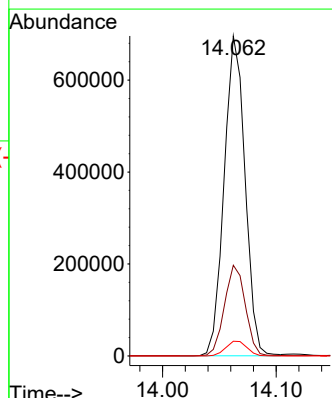
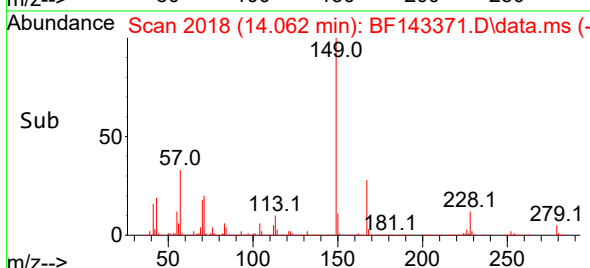
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

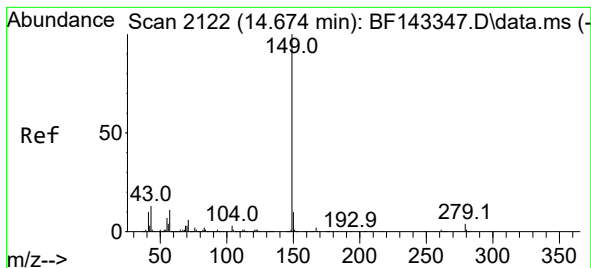


#84
Bis(2-ethylhexyl)phthalate
Concen: 79.859 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.001 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12



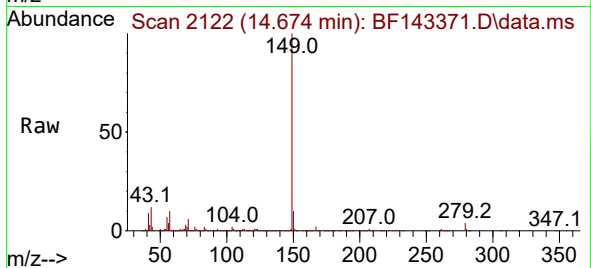
Tgt Ion:149 Resp: 890608
Ion Ratio Lower Upper
149 100
167 28.3 21.4 32.0
279 4.6 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 53.997 ng
RT: 14.674 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

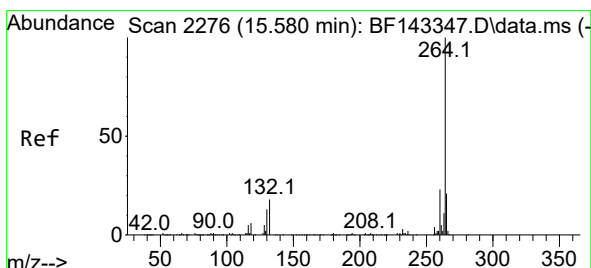
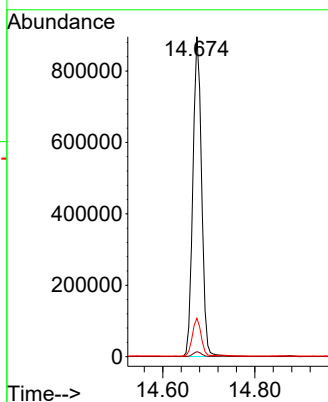
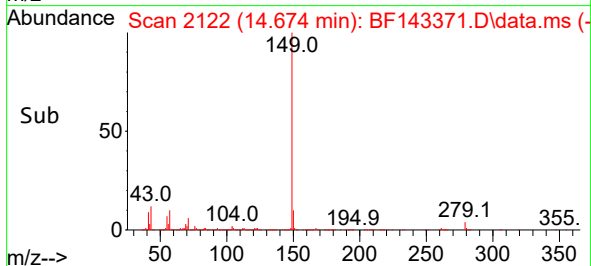
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



Tgt Ion:149 Resp: 117557
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.7 10.8 16.2

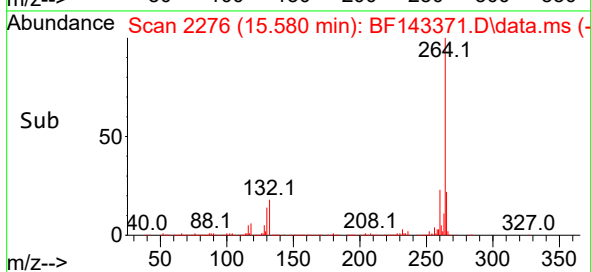
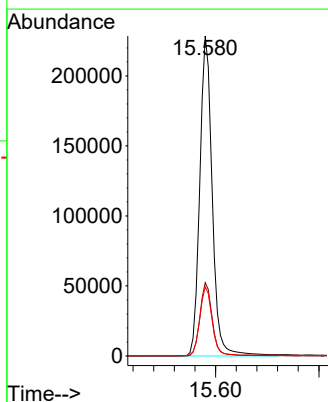
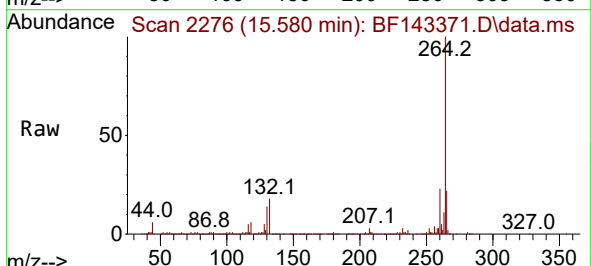
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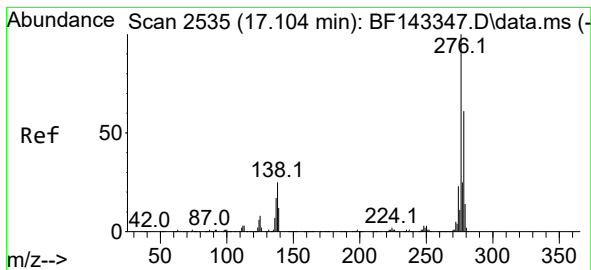
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Tgt Ion:264 Resp: 383048
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.131 ng

RT: 17.103 min Scan# 2535

Delta R.T. -0.000 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion:276 Resp: 118364

Ion Ratio Lower Upper

276 100

138 25.9 21.1 31.7

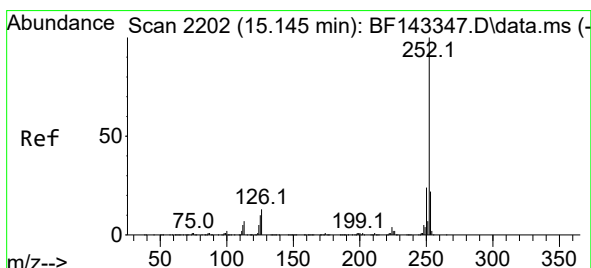
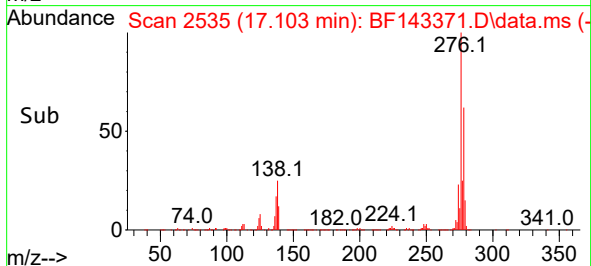
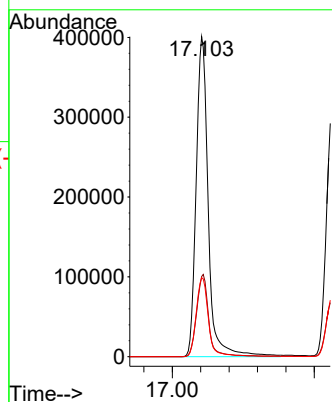
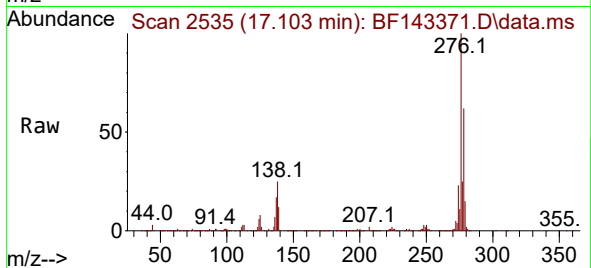
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#88

Benzo(b)fluoranthene

Concen: 47.195 ng

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

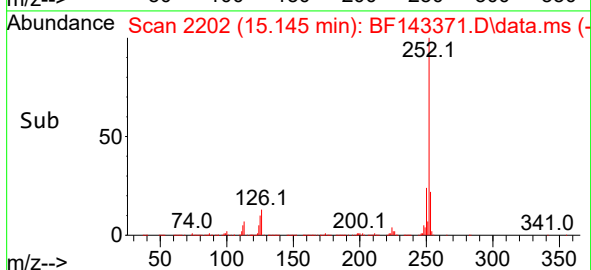
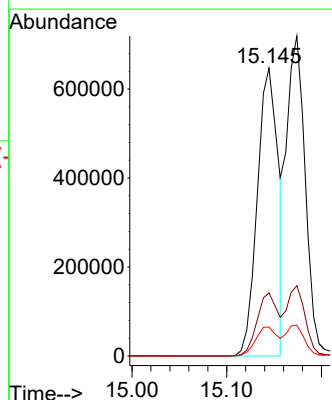
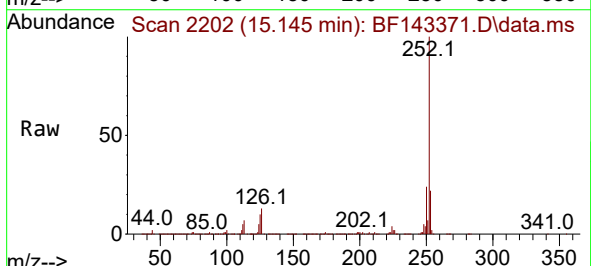
Tgt Ion:252 Resp: 988780

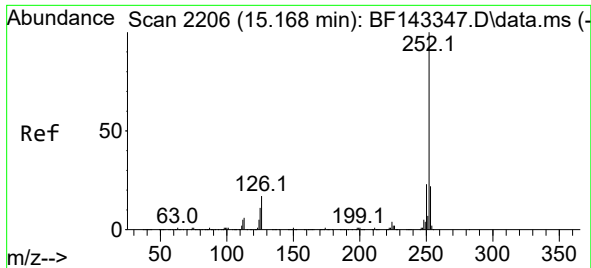
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

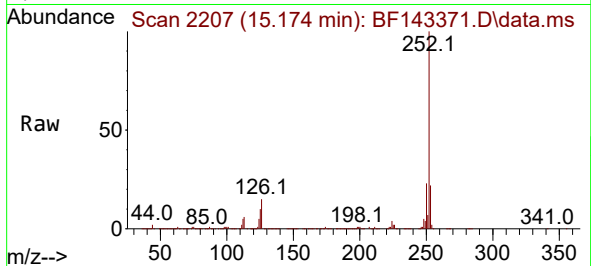
125 10.0 7.8 11.6





#89
Benzo(k)fluoranthene
Concen: 49.248 ng
RT: 15.174 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

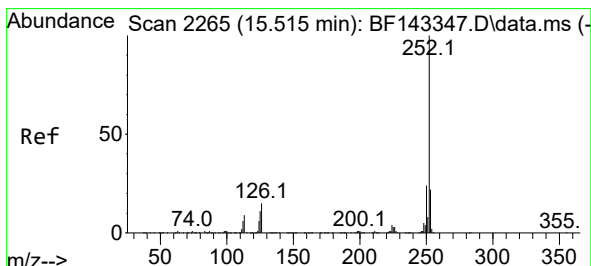
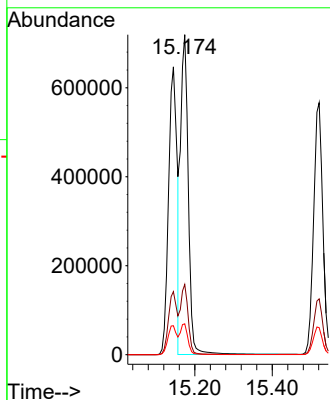
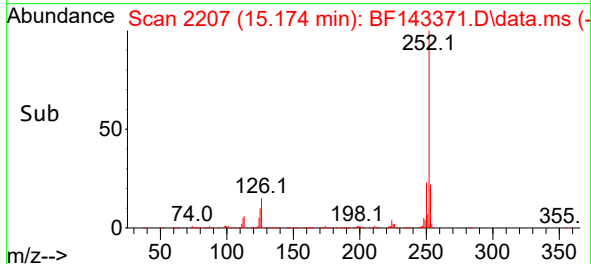
Instrument :
BNA_F
ClientSampleId :
TP-7MSD



Tgt Ion:252 Resp: 100258
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.6 8.4 12.6

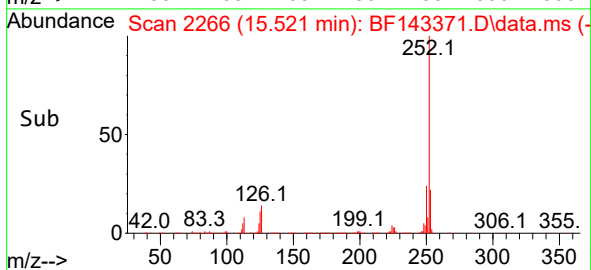
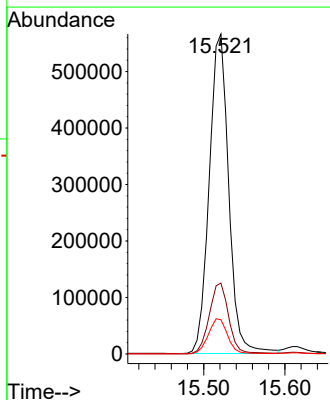
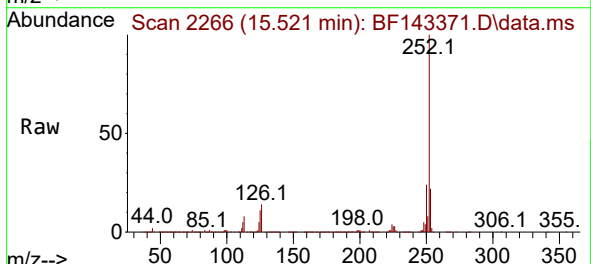
Manual Integrations
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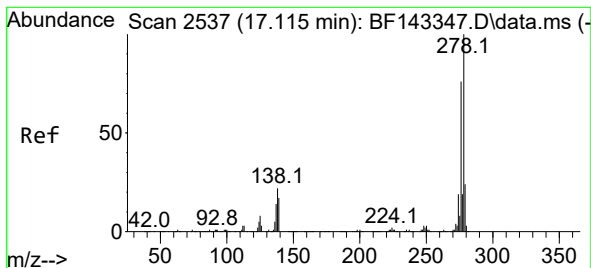
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025



#90
Benzo(a)pyrene
Concen: 47.809 ng
RT: 15.521 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF143371.D
Acq: 13 Aug 2025 13:12

Tgt Ion:252 Resp: 943392
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.7 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 43.929 ng

RT: 17.115 min Scan# 2537

Delta R.T. -0.000 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion:278 Resp: 96308

Ion Ratio Lower Upper

278 100

139 17.0 14.0 21.0

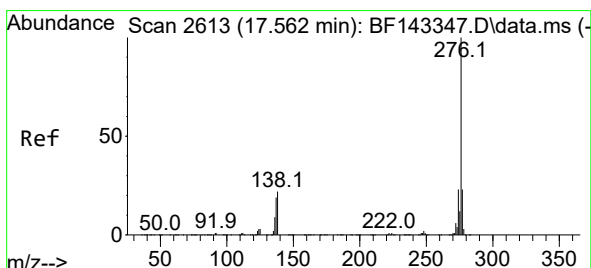
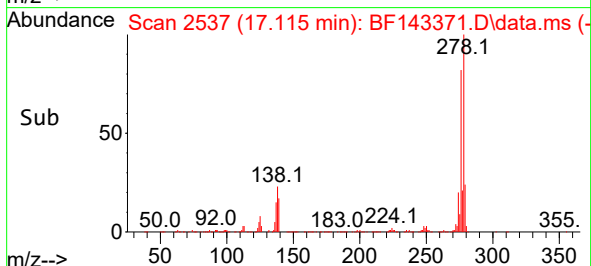
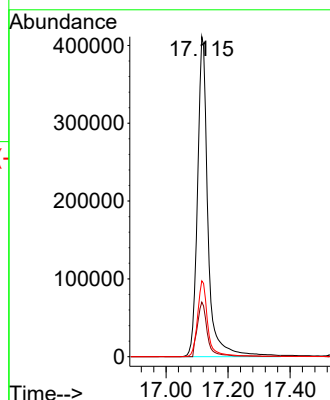
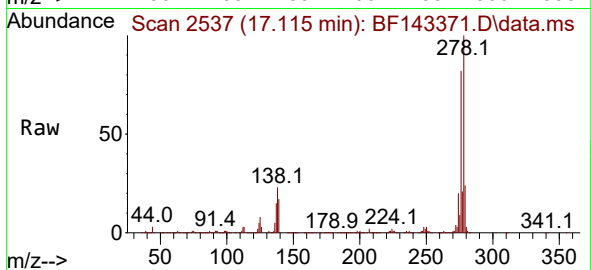
279 23.7 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/14/2025

Supervised By :Jagrut Upadhyay 08/15/2025



#92

Benzo(g,h,i)perylene

Concen: 40.522 ng

RT: 17.562 min Scan# 2613

Delta R.T. -0.000 min

Lab File: BF143371.D

Acq: 13 Aug 2025 13:12

Tgt Ion:276 Resp: 894949

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 22.5 17.8 26.8

