

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144130.D
 Acq On : 29 Oct 2025 16:02
 Operator : RC/JU
 Sample : Q3469-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13MS

Quant Time: Oct 29 16:22:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	58676	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	221225	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	127799	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	212513	20.000	ng	0.00
76) Chrysene-d12	14.057	240	138511	20.000	ng	0.00
86) Perylene-d12	15.539	264	188620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	330246	89.046	ng	0.00
7) Phenol-d6	6.504	99	385673	94.161	ng	0.00
23) Nitrobenzene-d5	7.439	82	249172	61.708	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	150447	92.417	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	532132	58.594	ng	0.00
79) Terphenyl-d14	12.992	244	511523	64.562	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	68716	42.877	ng	97
3) Pyridine	3.457	79	197846	46.113	ng	96
4) n-Nitrosodimethylamine	3.410	42	120821	45.829	ng	89
6) Aniline	6.539	93	182089	31.075	ng	99
8) 2-Chlorophenol	6.663	128	181666	49.739	ng	99
9) Benzaldehyde	6.428	77	87085	27.384	ng	98
10) Phenol	6.522	94	250857	49.644	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	188300	51.570	ng	98
12) 1,3-Dichlorobenzene	6.816	146	221534	49.171	ng	99
13) 1,4-Dichlorobenzene	6.898	146	225660	50.823	ng	97
14) 1,2-Dichlorobenzene	7.045	146	222229	51.727	ng	98
15) Benzyl Alcohol	7.022	79	177416	53.271	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	354244	51.620	ng	97
17) 2-Methylphenol	7.128	107	148554	52.884	ng	94
18) Hexachloroethane	7.386	117	77455	48.793	ng	92
19) n-Nitroso-di-n-propyla...	7.286	70	139839	52.796	ng	96
20) 3+4-Methylphenols	7.281	107	170443	51.326	ng	# 88
22) Acetophenone	7.286	105	270486	56.576	ng	96
24) Nitrobenzene	7.457	77	215191	50.378	ng	99
25) Isophorone	7.698	82	379130	53.705	ng	99
26) 2-Nitrophenol	7.775	139	105953	52.141	ng	97
27) 2,4-Dimethylphenol	7.810	122	181421	60.079	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	236237	53.660	ng	98
29) 2,4-Dichlorophenol	8.016	162	177228	50.468	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	191604	53.036	ng	99
31) Naphthalene	8.181	128	516310	49.449	ng	99
32) Benzoic acid	7.939	122	123955	64.714	ng	# 83
33) 4-Chloroaniline	8.233	127	45450	12.504	ng	94
34) Hexachlorobutadiene	8.298	225	140638	47.608	ng	99
35) Caprolactam	8.604	113	54297m	61.658	ng	
36) 4-Chloro-3-methylphenol	8.716	107	167613	54.087	ng	97
37) 2-Methylnaphthalene	8.875	142	326433	47.419	ng	96
38) 1-Methylnaphthalene	8.975	142	329476	50.518	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	223468	50.878	ng	99
41) Hexachlorocyclopentadiene	9.027	237	163434	120.474	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	143803	50.371	ng	97

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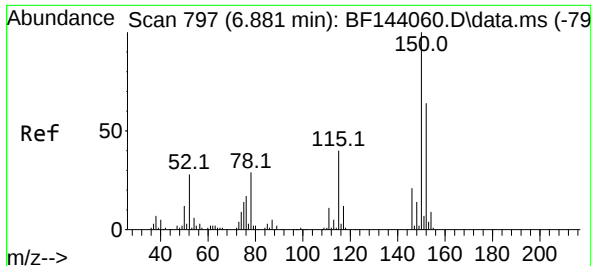
Quant Time: Oct 29 16:22:29 2025
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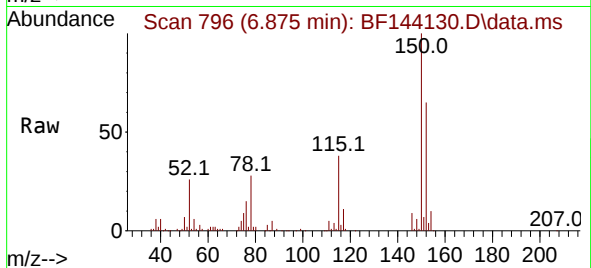
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	148549	49.579	ng	97
46) 1,1'-Biphenyl	9.339	154	483104	52.807	ng	100
47) 2-Chloronaphthalene	9.363	162	374579	48.873	ng	96
48) 2-Nitroaniline	9.463	65	117825	51.770	ng	94
49) Acenaphthylene	9.780	152	571650	55.316	ng	99
50) Dimethylphthalate	9.639	163	457405	54.603	ng	100
51) 2,6-Dinitrotoluene	9.704	165	96503	58.273	ng	92
52) Acenaphthene	9.951	154	320145	46.387	ng	98
53) 3-Nitroaniline	9.875	138	54675	29.695	ng	98
54) 2,4-Dinitrophenol	9.986	184	85977	95.989	ng	92
55) Dibenzofuran	10.127	168	475482	49.625	ng	97
56) 4-Nitrophenol	10.039	139	120158	96.373	ng	92
57) 2,4-Dinitrotoluene	10.110	165	126898	56.776	ng	95
58) Fluorene	10.469	166	364911	49.984	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	118519	56.134	ng	99
60) Diethylphthalate	10.339	149	419701	53.276	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	203137	49.478	ng	98
62) 4-Nitroaniline	10.492	138	89801	51.475	ng	93
63) Azobenzene	10.622	77	422348	56.643	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	70222	51.503	ng	94
66) n-Nitrosodiphenylamine	10.580	169	370384	54.549	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	139418	52.397	ng	98
68) Hexachlorobenzene	11.016	284	168094	51.511	ng	98
69) Atrazine	11.104	200	124854	56.037	ng	98
70) Pentachlorophenol	11.216	266	157689	101.518	ng	96
71) Phenanthrene	11.433	178	548782	51.984	ng	97
72) Anthracene	11.486	178	548552	50.302	ng	98
73) Carbazole	11.639	167	455346	49.056	ng	98
74) Di-n-butylphthalate	11.969	149	588875	51.745	ng	100
75) Fluoranthene	12.627	202	565830	48.514	ng	99
77) Benzidine	12.745	184	192195	44.585	ng	99
78) Pyrene	12.857	202	563433	56.581	ng	99
80) Butylbenzylphthalate	13.468	149	203404	53.993	ng	99
81) Benzo(a)anthracene	14.045	228	550758	58.838	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	90799	27.866	ng	100
83) Chrysene	14.086	228	508980	57.944	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	281119	54.661	ng	98
85) Di-n-octyl phthalate	14.645	149	508989	57.549	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	573919	44.319	ng	98
88) Benzo(b)fluoranthene	15.104	252	641370	60.147	ng	99
89) Benzo(k)fluoranthene	15.133	252	520228	52.878	ng	99
90) Benzo(a)pyrene	15.480	252	568220	59.398	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	456733	44.556	ng	100
92) Benzo(g,h,i)perylene	17.498	276	418759	40.632	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

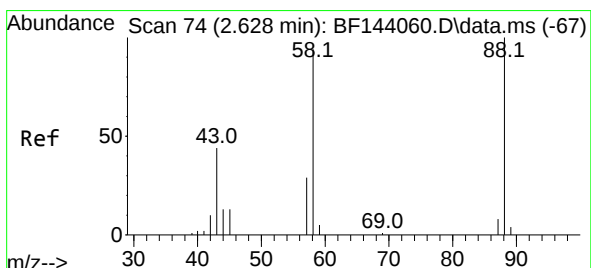
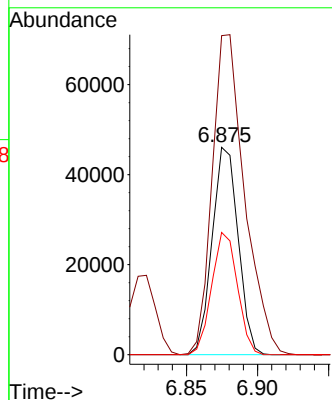
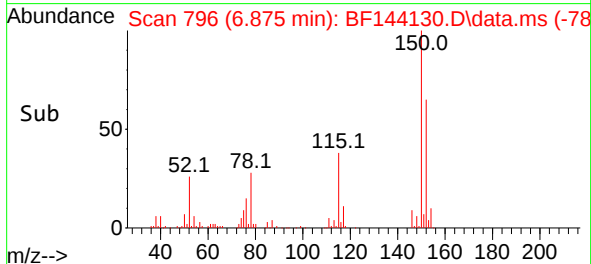
Instrument :
BNA_F
ClientSampleId :
TP-13MS



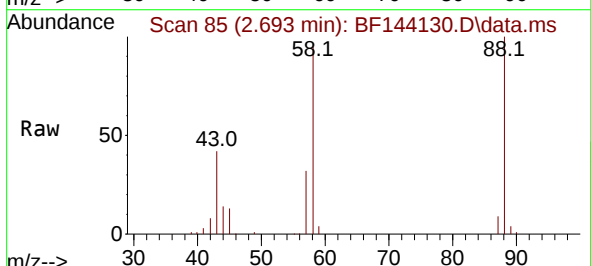
Tgt Ion:152 Resp: 58670
Ion Ratio Lower Upper
152 100
150 153.8 124.4 186.6
115 59.0 49.4 74.0

Manual Integrations
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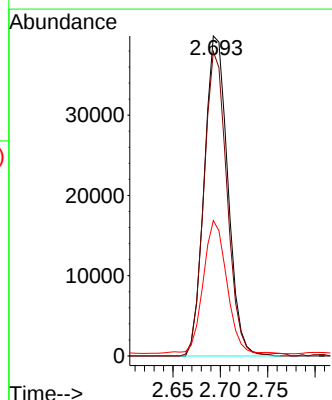
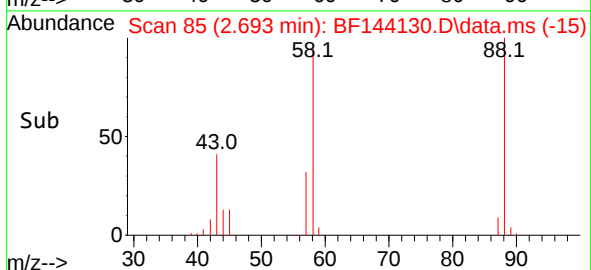
Reviewed By :Rahul Chavli 10/30/2025
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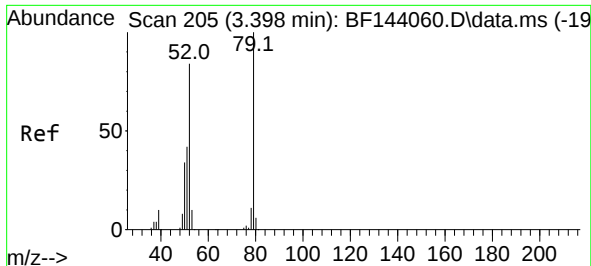


#2
1,4-Dioxane
Concen: 42.877 ng
RT: 2.693 min Scan# 85
Delta R.T. 0.065 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



Tgt Ion: 88 Resp: 68716
Ion Ratio Lower Upper
88 100
58 93.2 76.5 114.7
43 42.2 35.3 52.9





#3

Pyridine

Concen: 46.113 ng

RT: 3.457 min Scan# 215

Delta R.T. 0.059 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS

Tgt Ion: 79 Resp: 19784

Ion Ratio Lower Upper

79 100

52 80.4 67.5 101.3

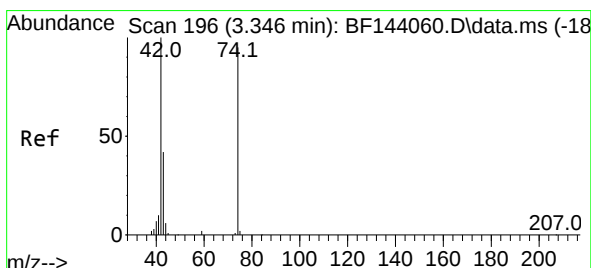
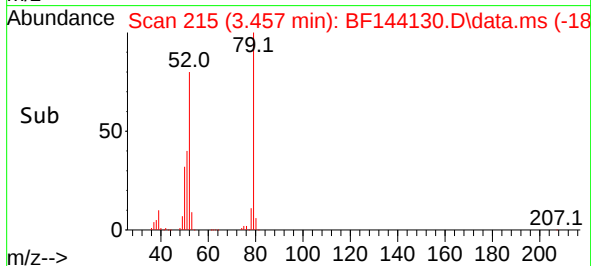
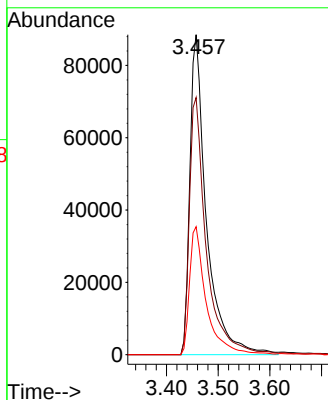
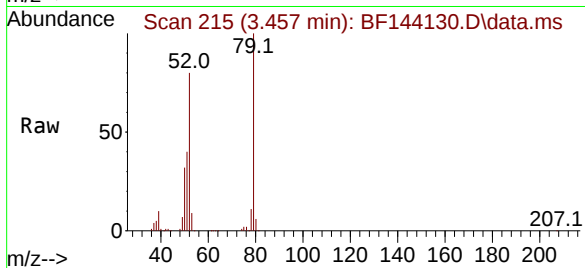
51 40.0 33.6 50.4

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Supervised By :Jagrut Upadhyay 10/30/2025



#4

n-Nitrosodimethylamine

Concen: 45.829 ng

RT: 3.410 min Scan# 207

Delta R.T. 0.065 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

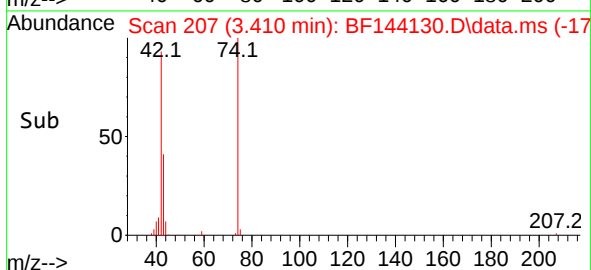
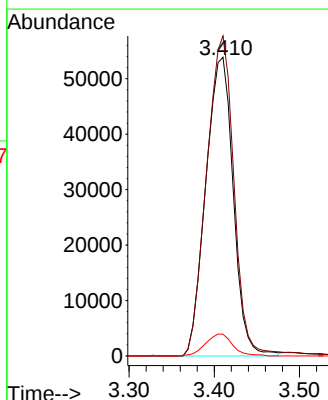
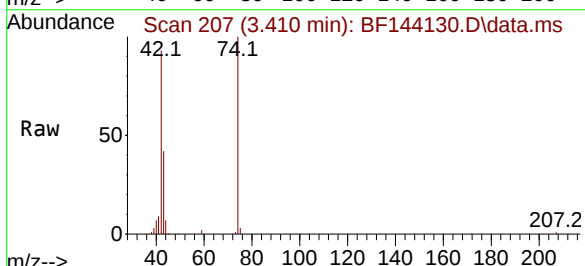
Tgt Ion: 42 Resp: 120821

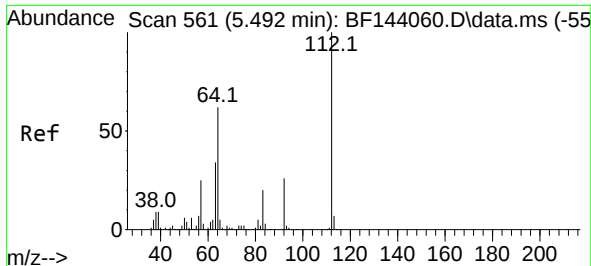
Ion Ratio Lower Upper

42 100

74 107.1 76.4 114.6

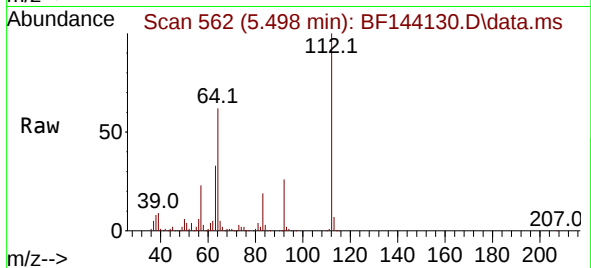
44 7.3 5.2 7.8





#5
2-Fluorophenol
Concen: 89.046 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

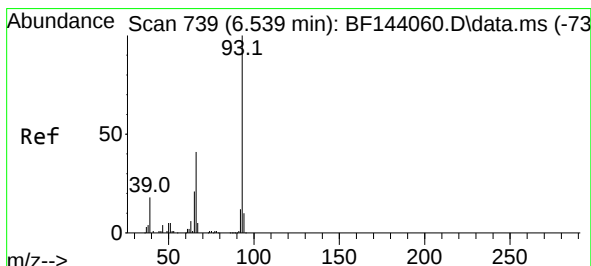
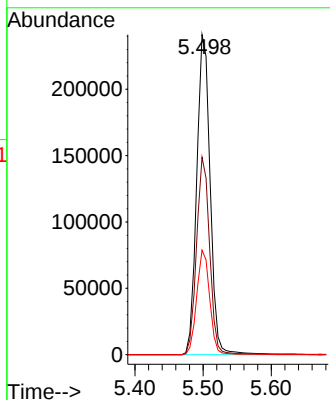
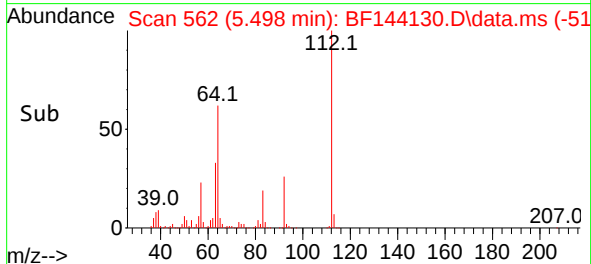
Instrument :
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ClientSampleId :
TP-13MS



Tgt Ion:112 Resp: 330240
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.8
63 32.6 27.4 41.2

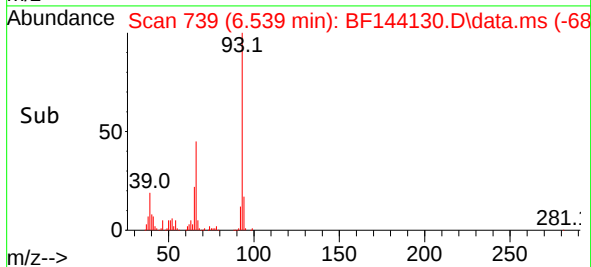
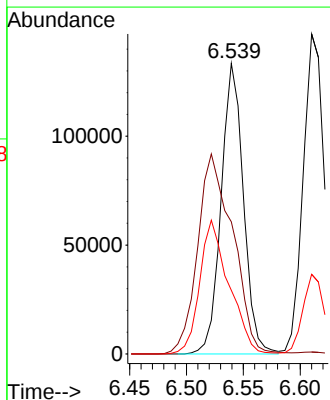
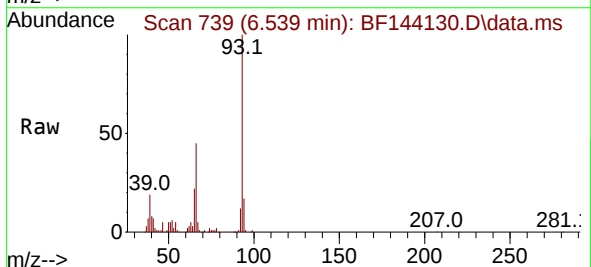
Manual Integrations
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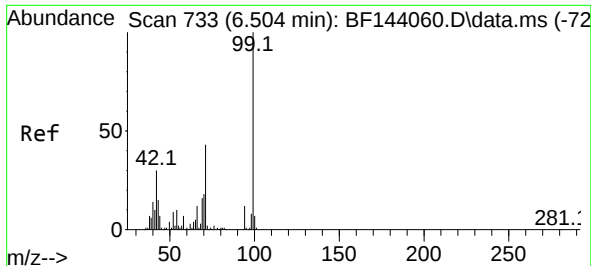
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#6
Aniline
Concen: 31.075 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

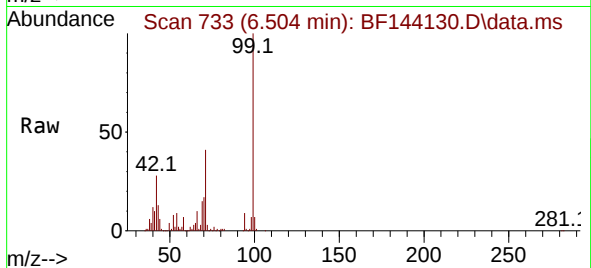
Tgt Ion: 93 Resp: 182089
Ion Ratio Lower Upper
93 100
66 45.5 35.7 53.5
65 21.9 17.0 25.6





#7
Phenol-d6
Concen: 94.161 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

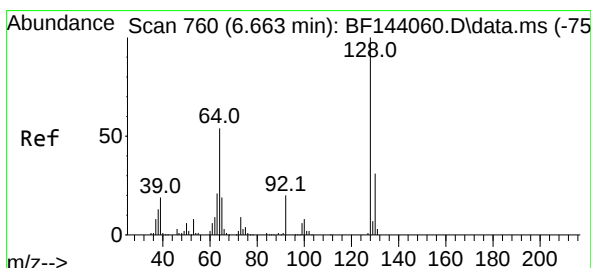
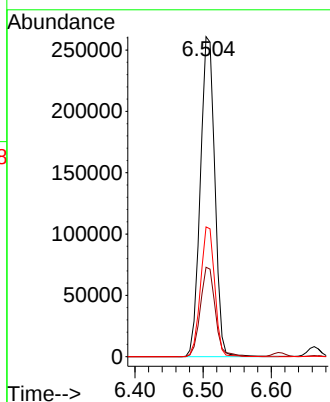
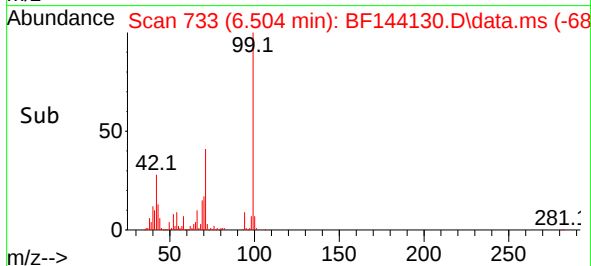
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 38567
Ion Ratio Lower Upper
99 100
42 28.0 23.9 35.9
71 40.6 34.4 51.6

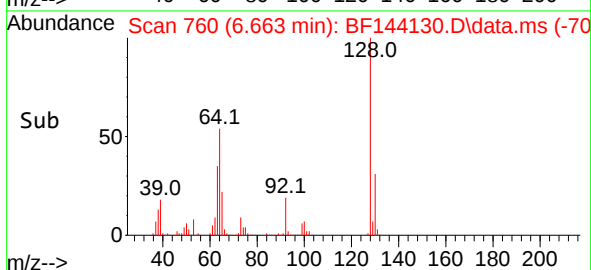
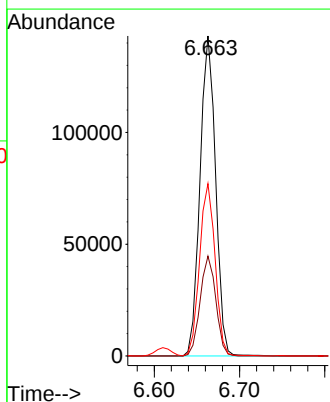
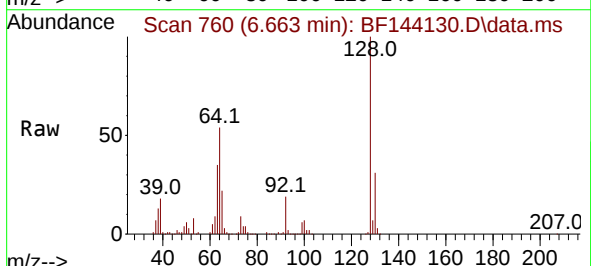
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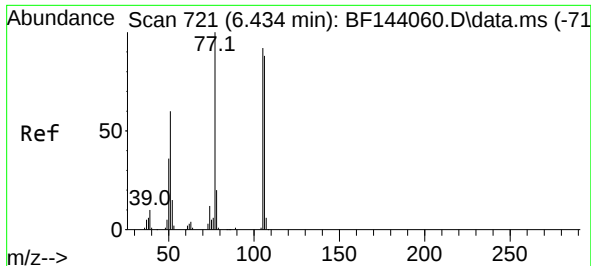
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#8
2-Chlorophenol
Concen: 49.739 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

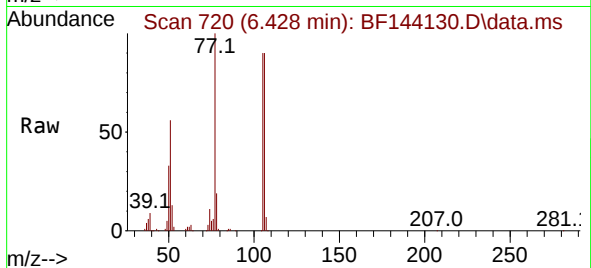
Tgt Ion:128 Resp: 181666
Ion Ratio Lower Upper
128 100
130 31.2 10.7 50.7
64 53.8 34.7 74.7





#9
Benzaldehyde
Concen: 27.384 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

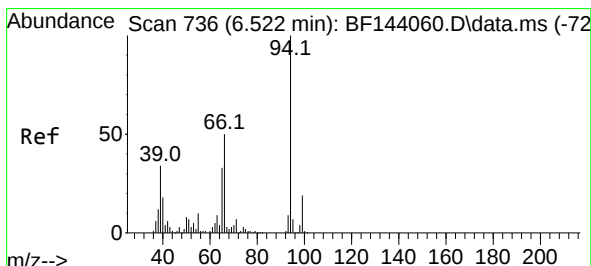
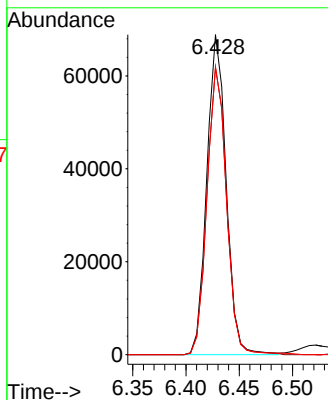
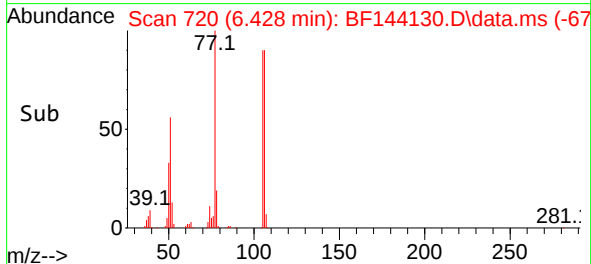
Instrument :
BNA_F
ClientSampleId :
TP-13MS



Tgt Ion: 77 Resp: 87085
Ion Ratio Lower Upper
77 100
105 89.8 72.2 112.2
106 89.8 67.9 107.9

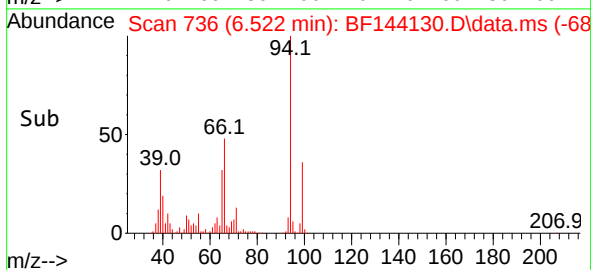
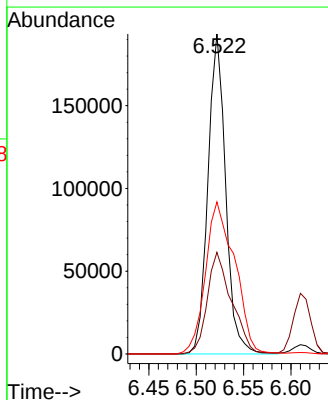
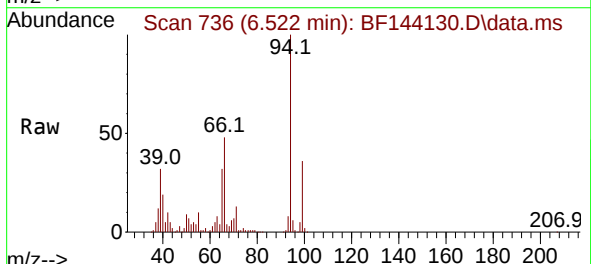
Manual Integrations
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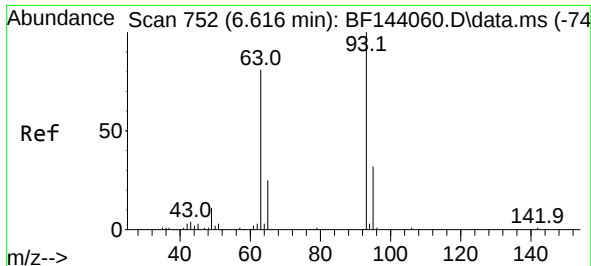
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#10
Phenol
Concen: 49.644 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

Tgt Ion: 94 Resp: 250857
Ion Ratio Lower Upper
94 100
65 31.8 13.1 53.1
66 47.5 30.6 70.6





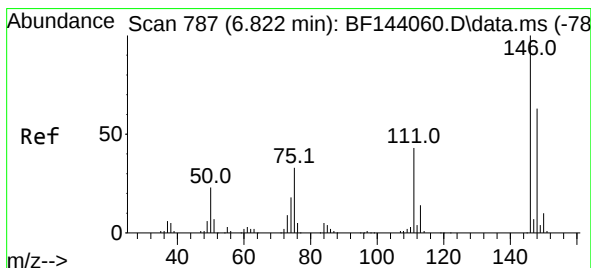
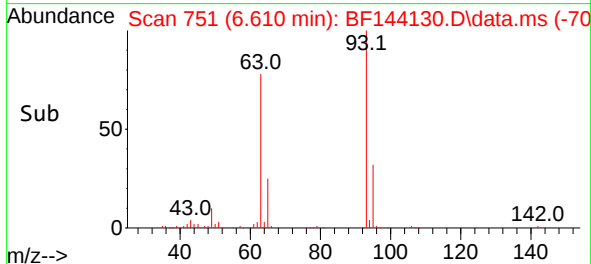
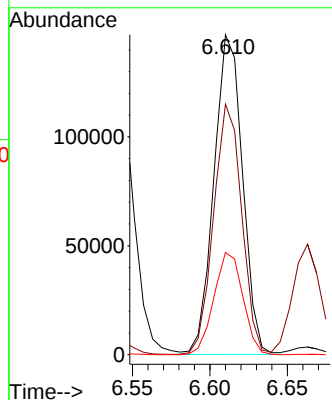
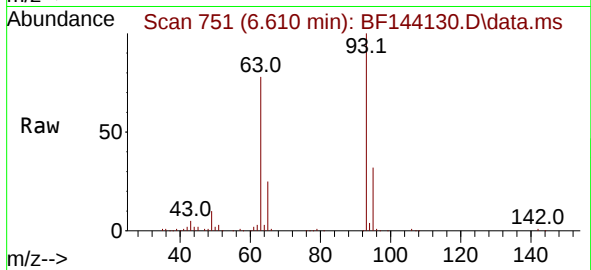
#11
bis(2-Chloroethyl)ether
Concen: 51.570 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

Instrument :
BNA_F
ClientSampleId :
TP-13MS

Tgt Ion: 93 Resp: 188300
Ion Ratio Lower Upper
93 100
63 78.3 60.2 100.2
95 32.0 12.4 52.4

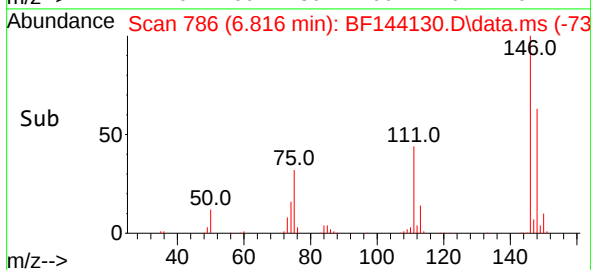
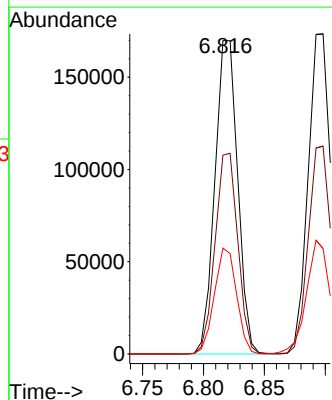
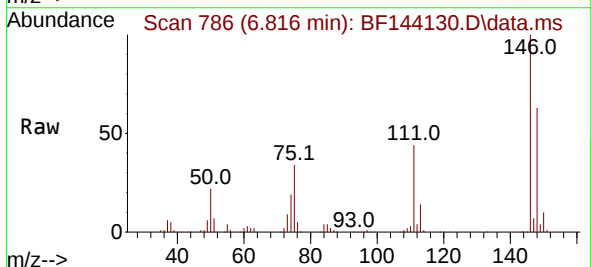
Manual Integrations
APPROVED

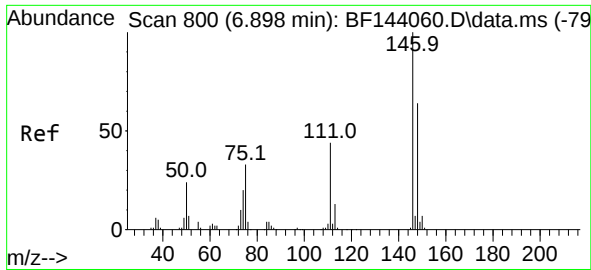
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#12
1,3-Dichlorobenzene
Concen: 49.171 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

Tgt Ion:146 Resp: 221534
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
75 33.8 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 50.823 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS

Tgt Ion:146 Resp: 225660

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

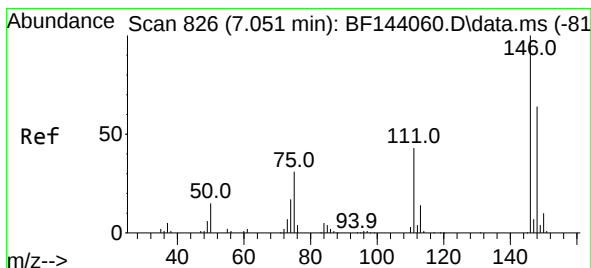
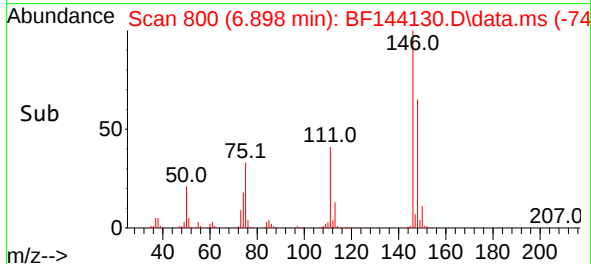
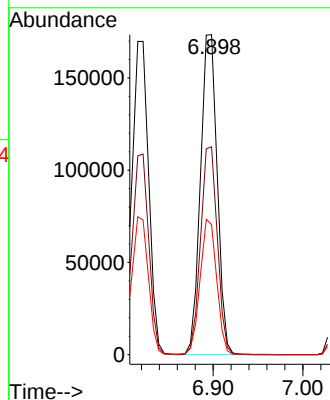
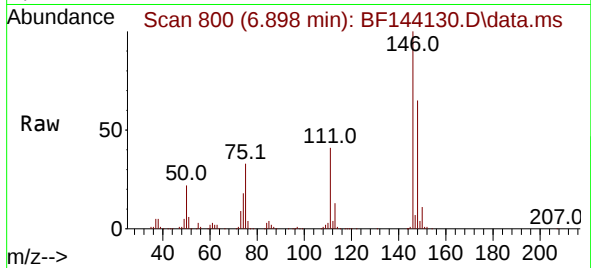
111 40.6 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#14

1,2-Dichlorobenzene

Concen: 51.727 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

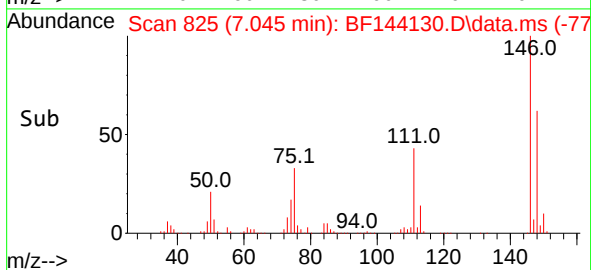
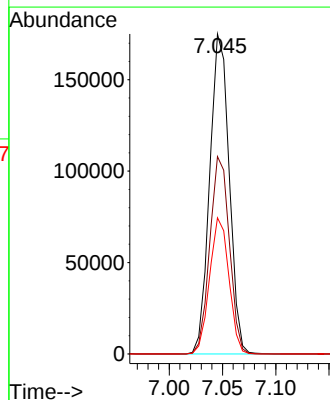
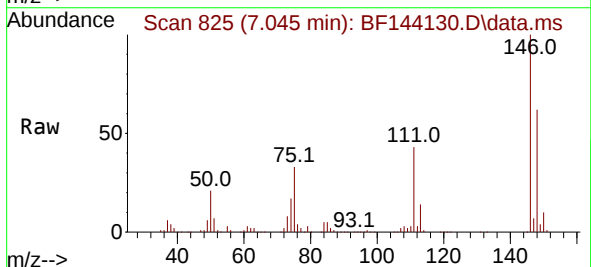
Tgt Ion:146 Resp: 222229

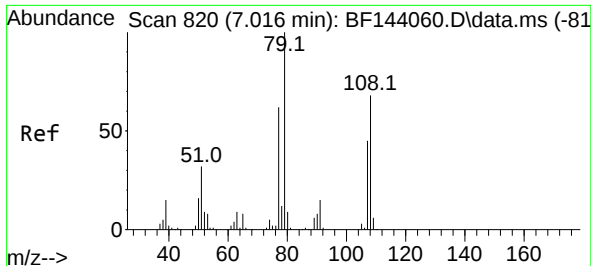
Ion Ratio Lower Upper

146 100

148 61.7 50.8 76.2

111 42.5 34.7 52.1





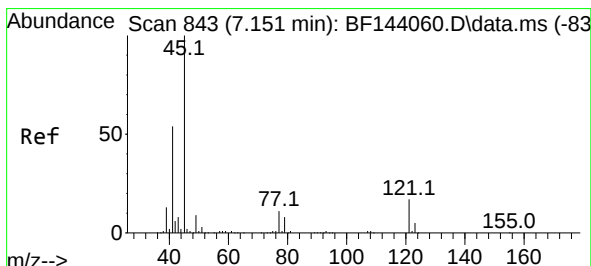
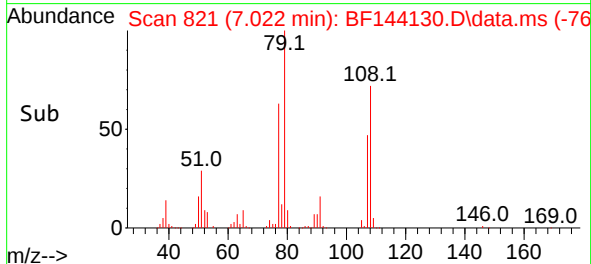
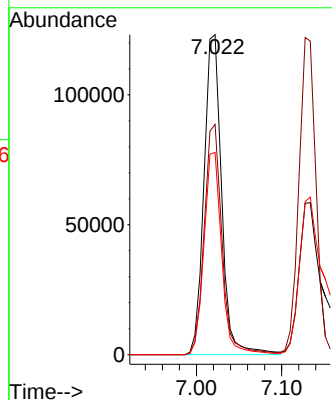
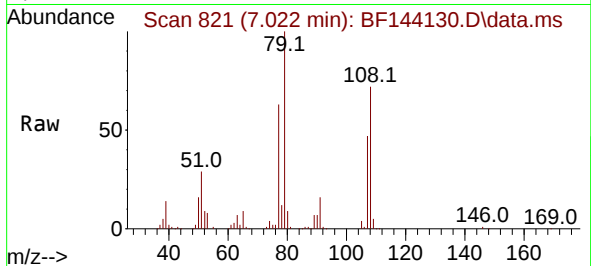
#15
Benzyl Alcohol
Concen: 53.271 ng
RT: 7.022 min Scan# 820
Delta R.T. 0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

Instrument :
BNA_F
ClientSampleId :
TP-13MS

Tgt Ion: 79 Resp: 177410
Ion Ratio Lower Upper
79 100
108 71.9 54.8 82.2
77 63.2 49.4 74.0

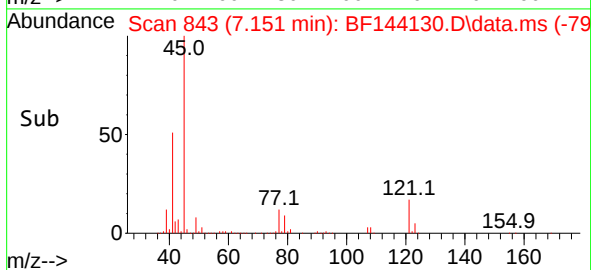
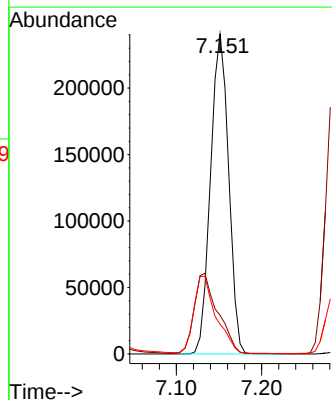
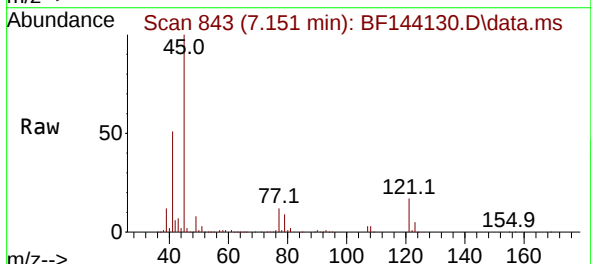
Manual Integrations
APPROVED

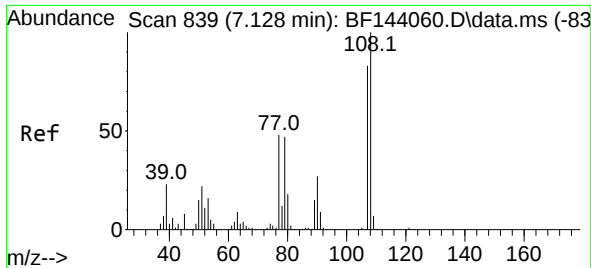
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.620 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

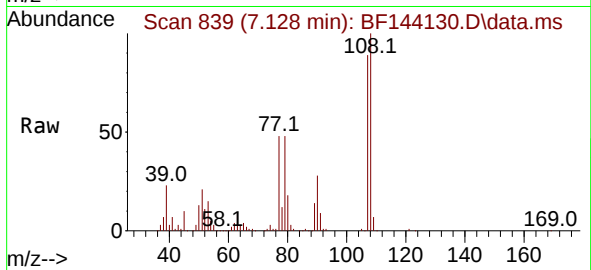
Tgt Ion: 45 Resp: 354244
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.9
79 9.3 0.0 28.2





#17
2-Methylphenol
Concen: 52.884 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

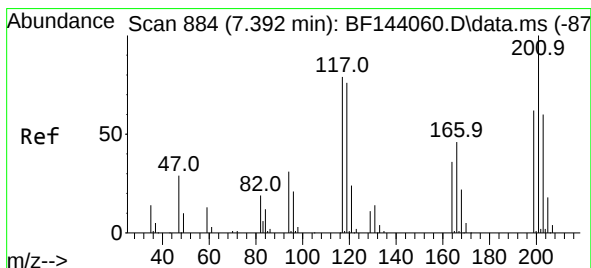
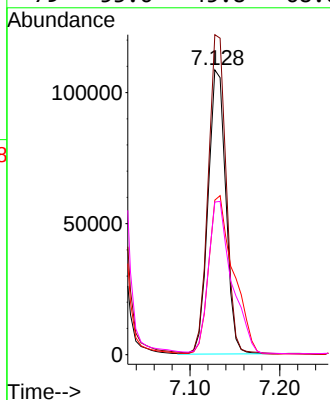
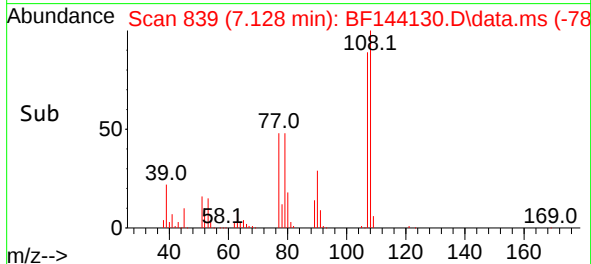
Instrument :
BNA_F
ClientSampleId :
TP-13MS



Tgt Ion:	107	Resp:	148554
Ion	Ratio	Lower	Upper
107	100		
108	112.3	96.4	144.6
77	54.2	46.8	70.2
79	53.6	45.8	68.6

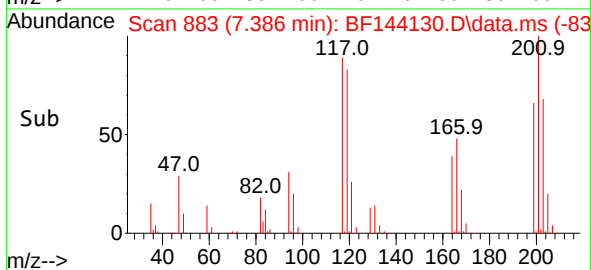
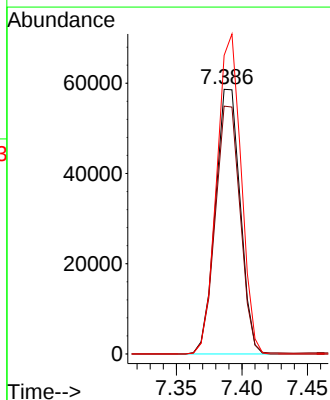
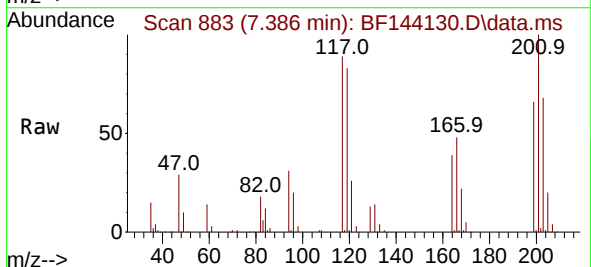
Manual Integrations
APPROVED

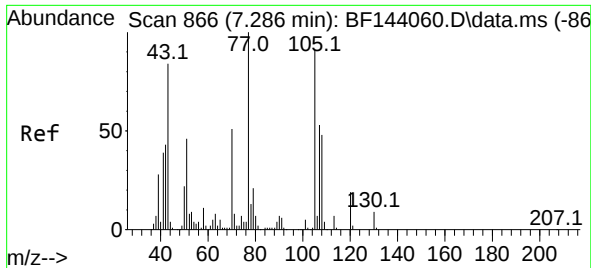
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#18
Hexachloroethane
Concen: 48.793 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

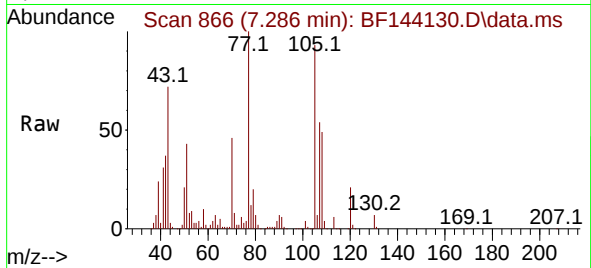
Tgt Ion:	117	Resp:	77455
Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.6	115.0
201	112.8	100.9	151.3





#19
n-Nitroso-di-n-propylamine
Concen: 52.796 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

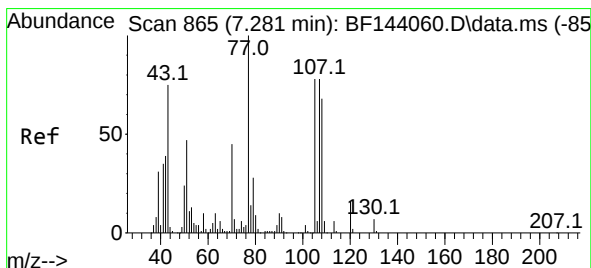
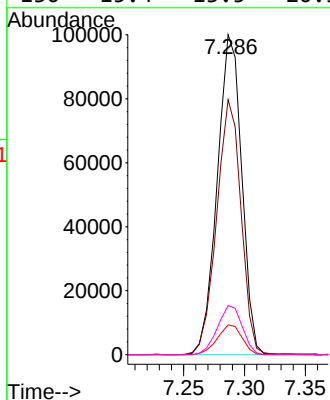
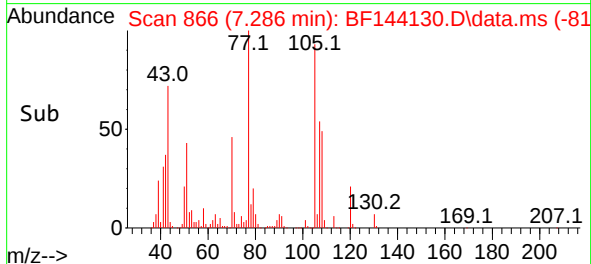
Instrument :
BNA_F
ClientSampleId :
TP-13MS



Tgt Ion: 70 Resp: 139839
Ion Ratio Lower Upper
70 100
42 79.7 67.4 101.0
101 9.3 7.1 10.7
130 15.4 13.5 20.3

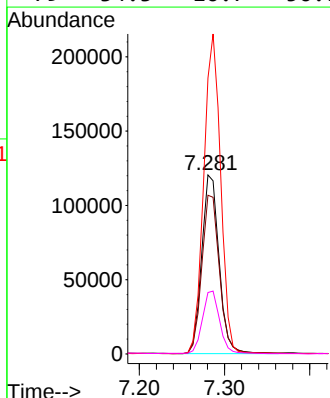
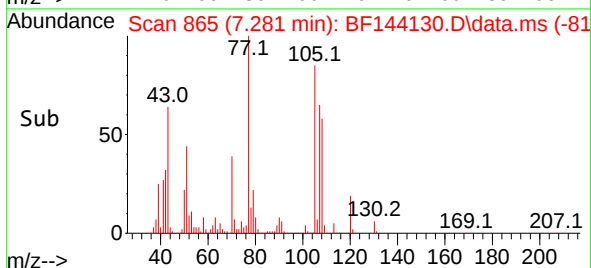
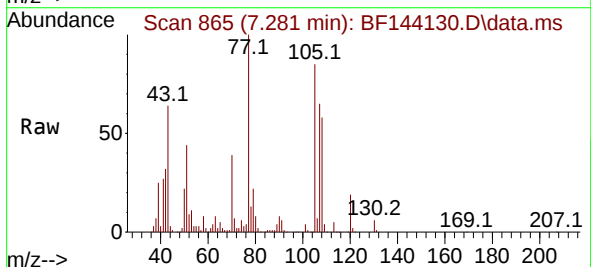
Manual Integrations
APPROVED

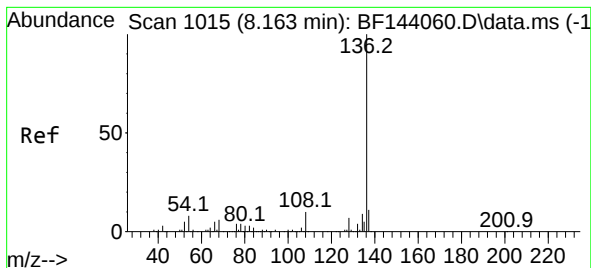
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#20
3+4-Methylphenols
Concen: 51.326 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

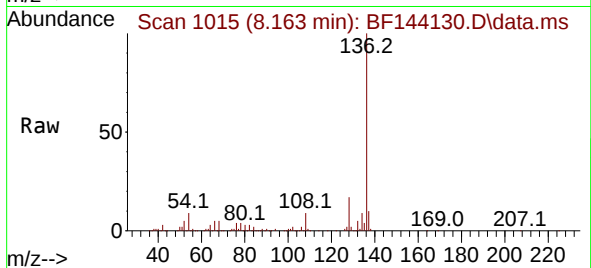
Tgt Ion:107 Resp: 170443
Ion Ratio Lower Upper
107 100
108 88.7 68.0 108.0
77 154.0 108.7 148.7#
79 34.3 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

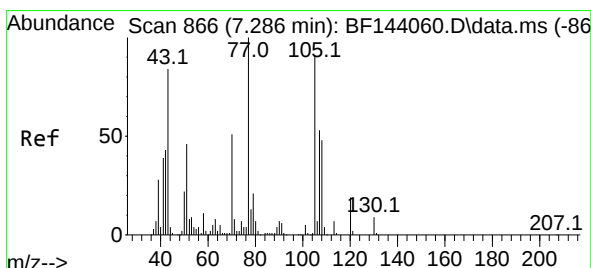
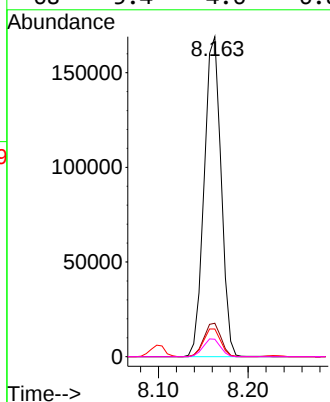
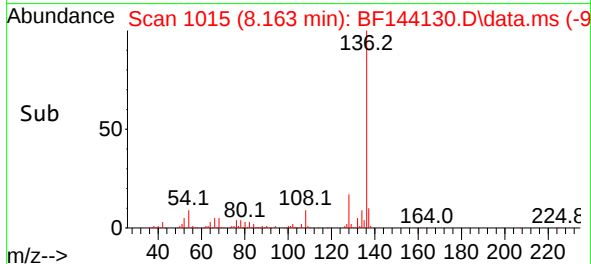
Instrument :
BNA_F
ClientSampleId :
TP-13MS



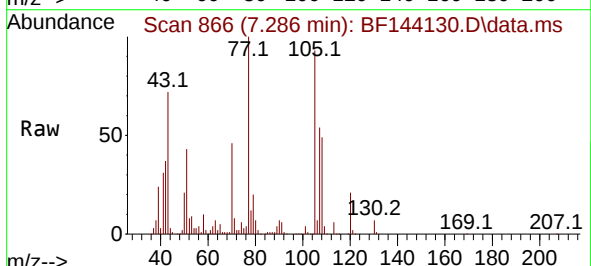
Tgt Ion:136 Resp: 221225
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.7 6.6 9.8
68 5.4 4.6 6.8

Manual Integrations
APPROVED

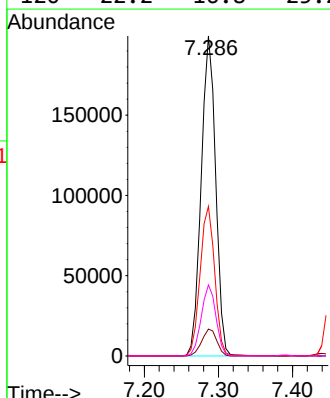
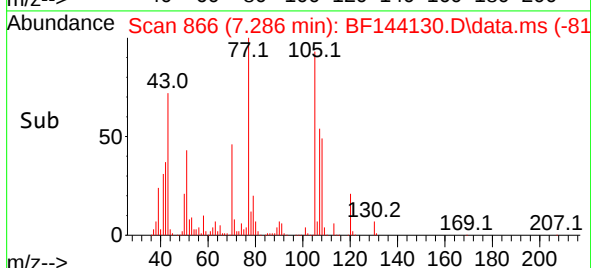
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

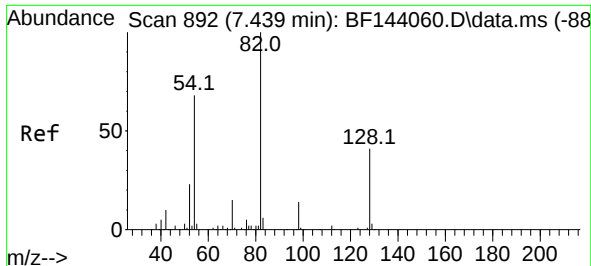


#22
Acetophenone
Concen: 56.576 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



Tgt Ion:105 Resp: 270486
Ion Ratio Lower Upper
105 100
71 8.4 6.9 10.3
51 46.8 40.6 60.8
120 22.2 16.8 25.2





#23

Nitrobenzene-d5

Concen: 61.708 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS

Tgt Ion: 82 Resp: 249172

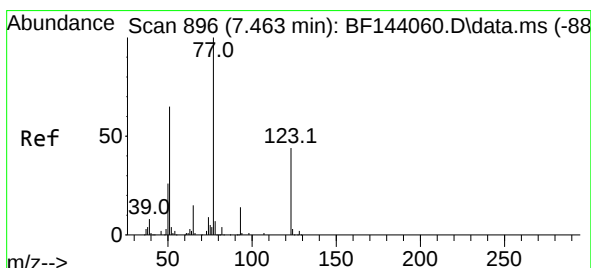
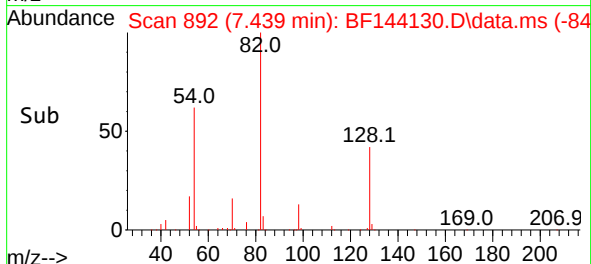
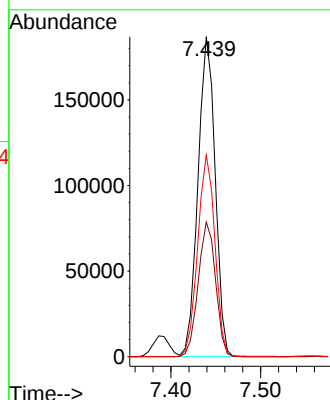
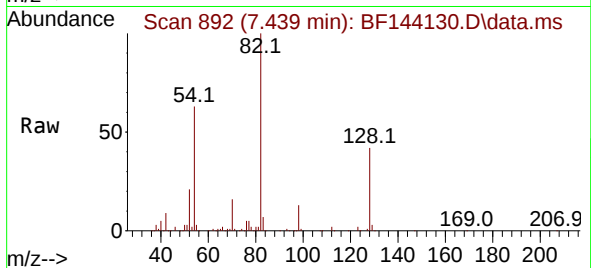
Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.4	48.6
54	63.0	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#24

Nitrobenzene

Concen: 50.378 ng

RT: 7.457 min Scan# 895

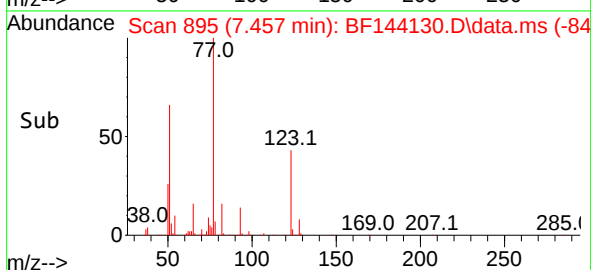
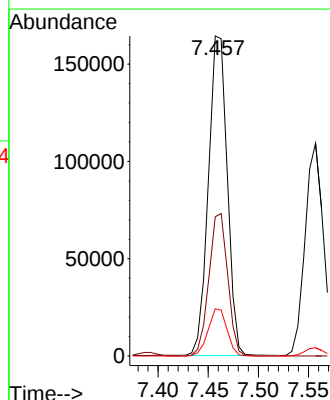
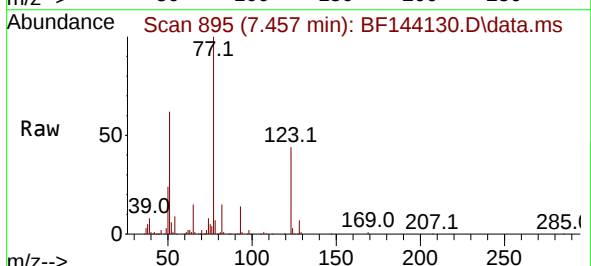
Delta R.T. -0.006 min

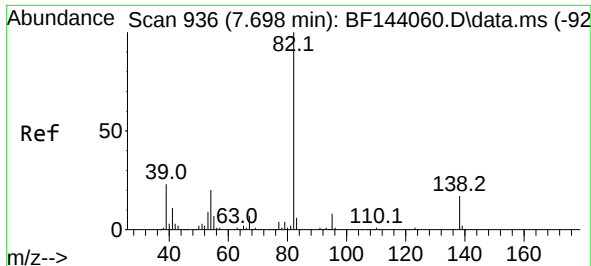
Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Tgt Ion: 77 Resp: 215191

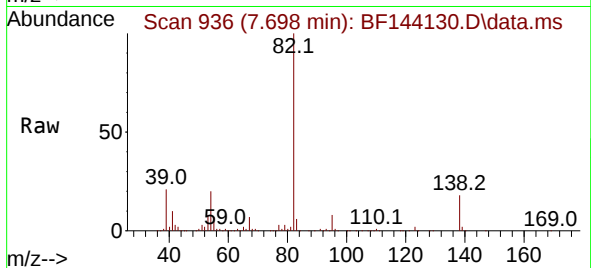
Ion	Ratio	Lower	Upper
77	100		
123	43.5	35.0	52.6
65	14.7	12.2	18.2





#25
Isophorone
Concen: 53.705 ng
RT: 7.698 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

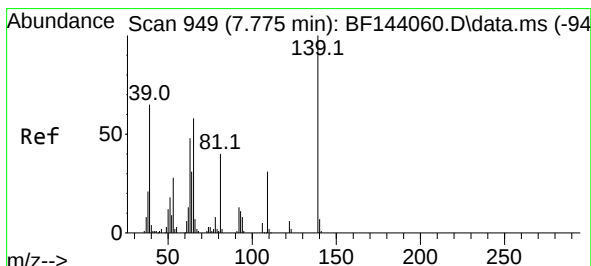
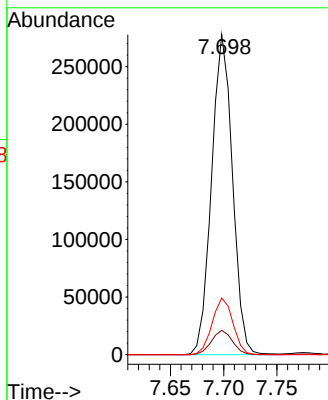
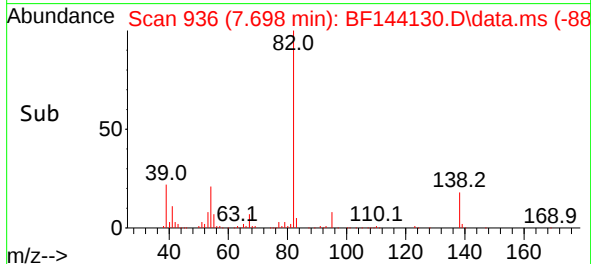
Instrument :
BNA_F
ClientSampleId :
TP-13MS



Tgt Ion: 82 Resp: 379130
Ion Ratio Lower Upper
82 100
95 7.6 6.6 9.8
138 17.7 13.8 20.8

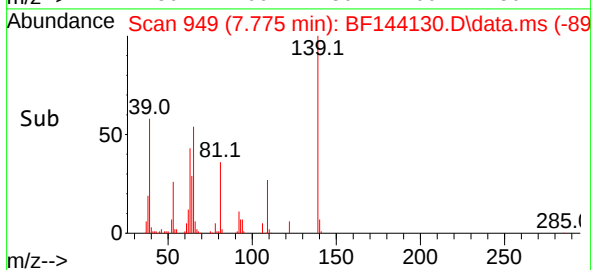
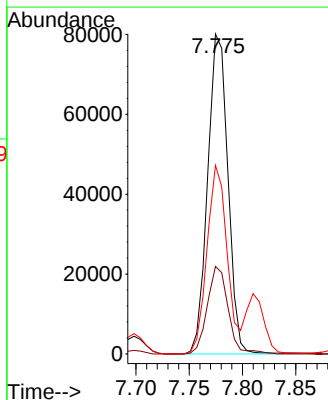
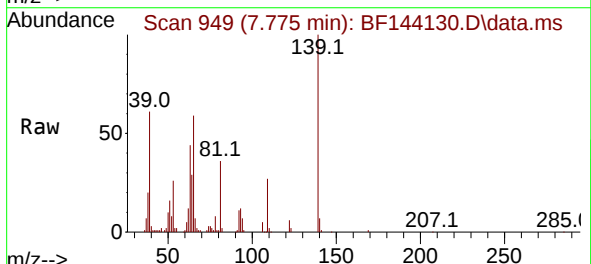
Manual Integrations
APPROVED

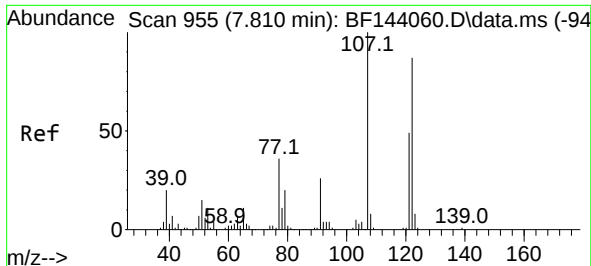
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#26
2-Nitrophenol
Concen: 52.141 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

Tgt Ion:139 Resp: 105953
Ion Ratio Lower Upper
139 100
109 27.4 24.6 37.0
65 59.0 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 60.079 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144130.D

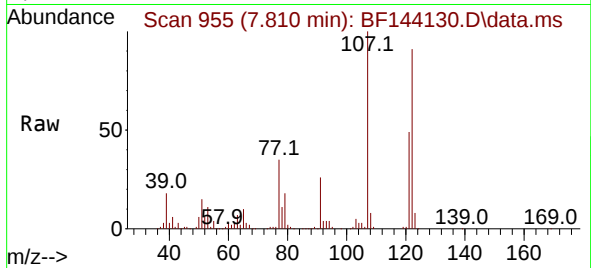
Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS



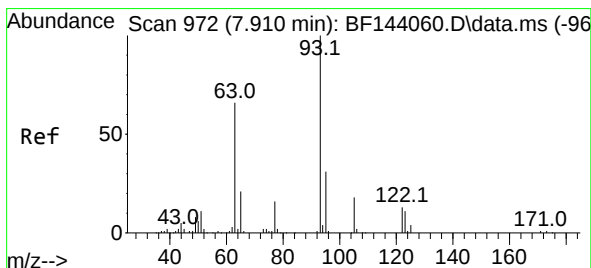
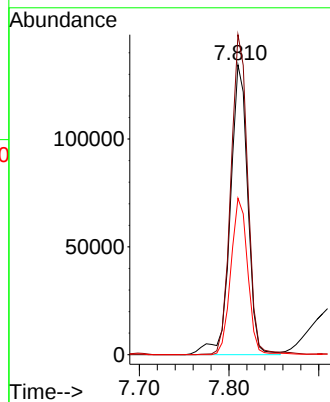
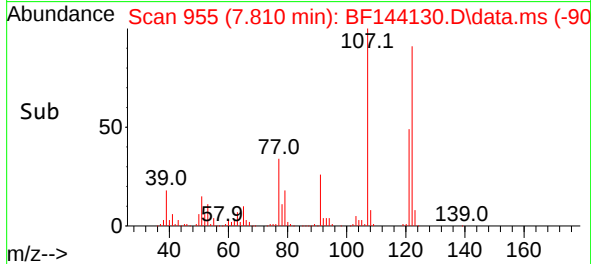
Tgt Ion:	122	Resp:	18142
Ion Ratio	Lower	Upper	
122	100		
107	110.4	91.8	137.8
121	54.0	45.2	67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#28

bis(2-Chloroethoxy)methane

Concen: 53.660 ng

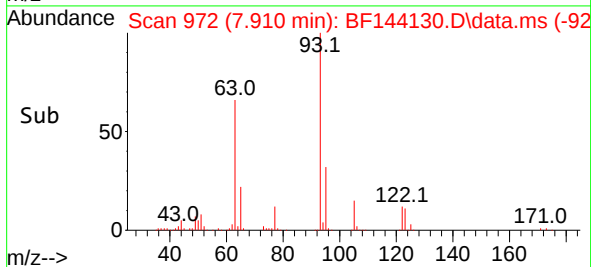
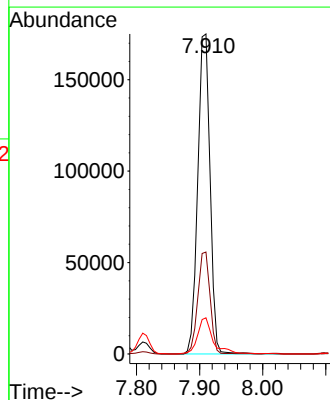
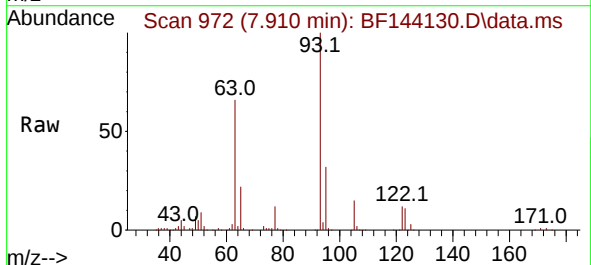
RT: 7.910 min Scan# 972

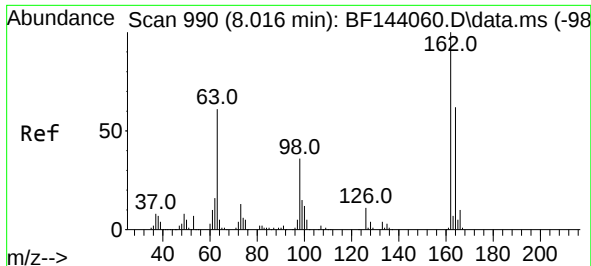
Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Tgt Ion:	93	Resp:	236237
Ion Ratio	Lower	Upper	
93	100		
95	31.8	24.6	36.8
123	11.3	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 50.468 ng

RT: 8.016 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS

Tgt Ion:162 Resp: 177228

Ion Ratio Lower Upper

162 100

164 62.2 42.1 82.1

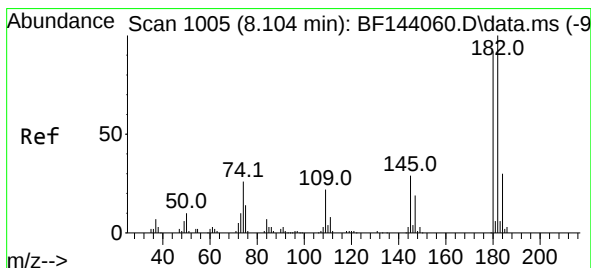
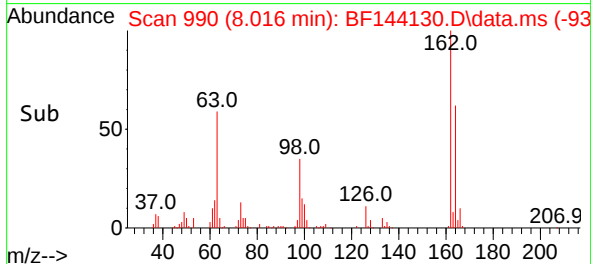
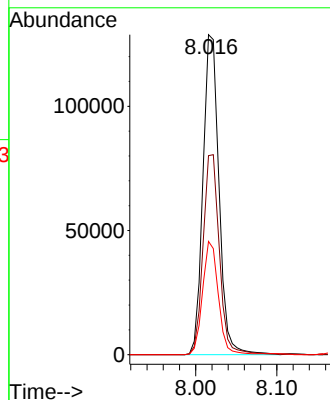
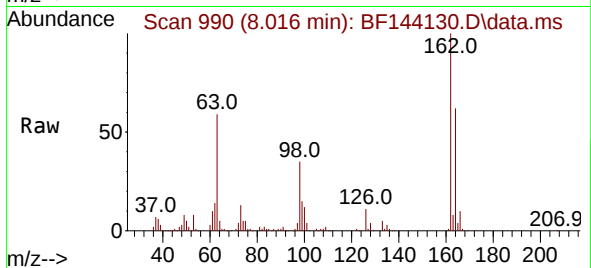
98 35.4 16.0 56.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#30

1,2,4-Trichlorobenzene

Concen: 53.036 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

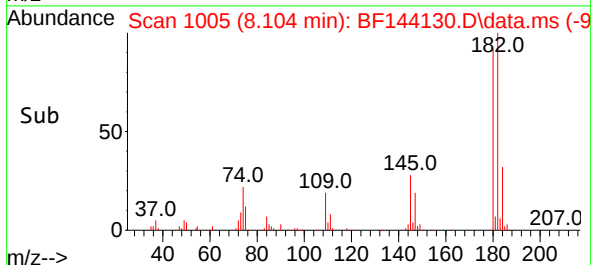
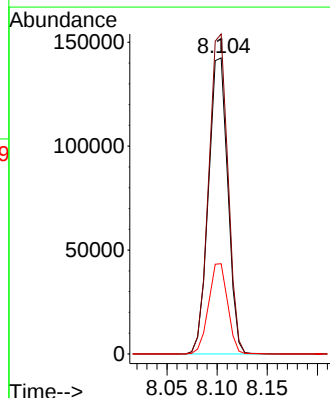
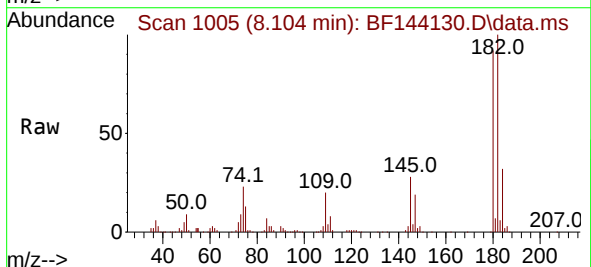
Tgt Ion:180 Resp: 191604

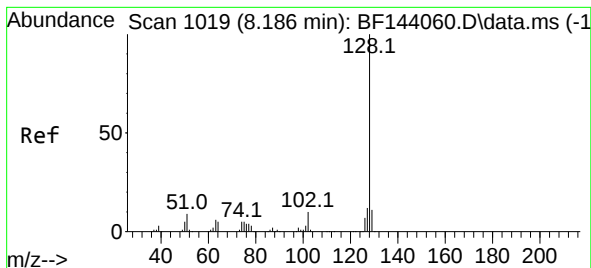
Ion Ratio Lower Upper

180 100

182 108.1 87.1 130.7

145 30.5 25.3 37.9





#31

Naphthalene

Concen: 49.449 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS

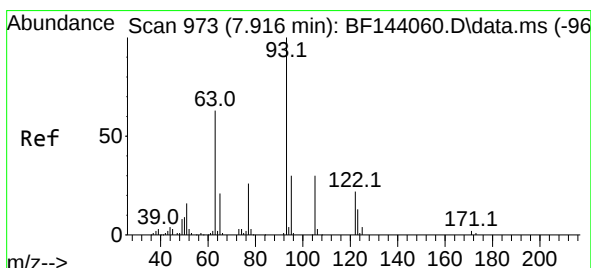
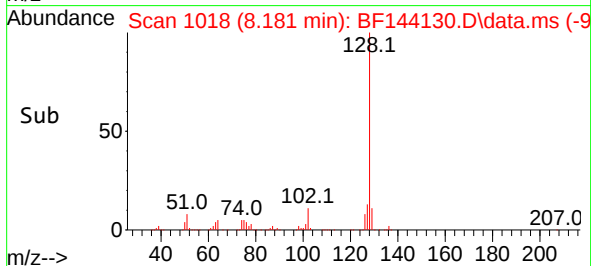
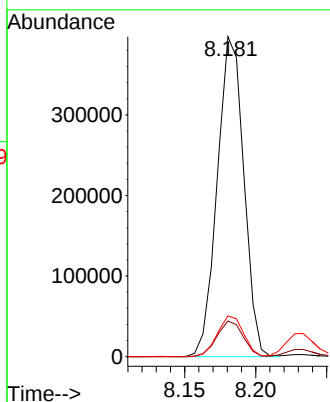
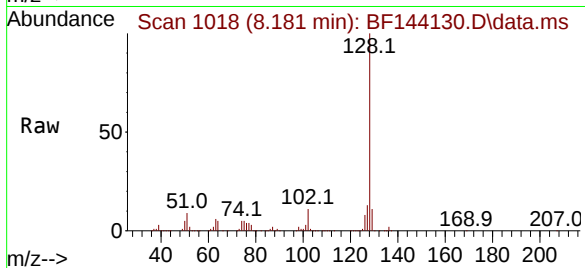
Tgt Ion:128 Resp: 516310
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.4 12.6
 127 12.8 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#32

Benzoic acid

Concen: 64.714 ng

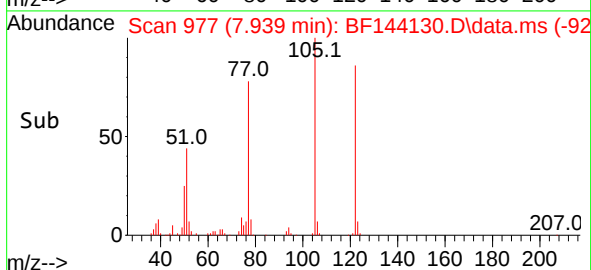
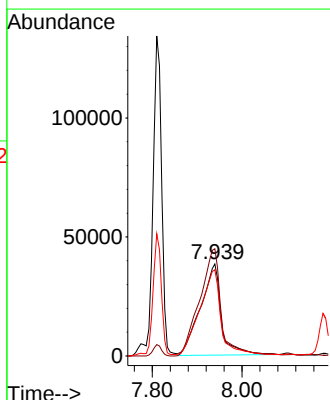
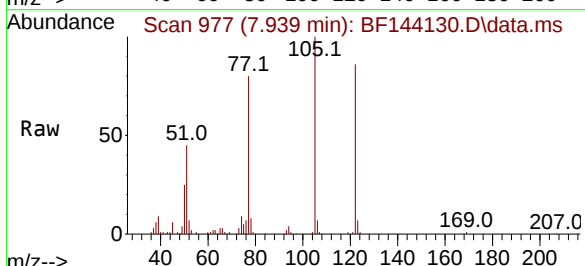
RT: 7.939 min Scan# 977

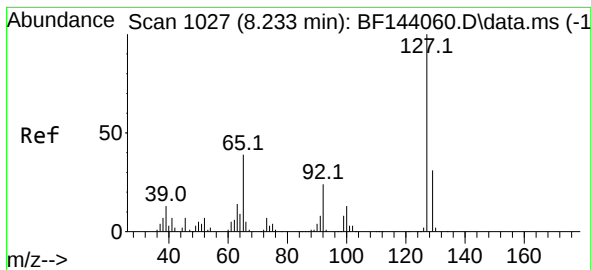
Delta R.T. 0.023 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Tgt Ion:122 Resp: 123955
 Ion Ratio Lower Upper
 122 100
 105 116.5 111.3 151.3
 77 93.7 96.7 136.7#





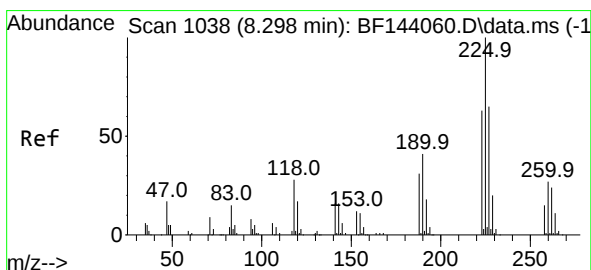
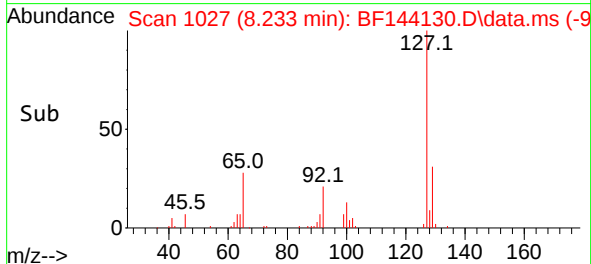
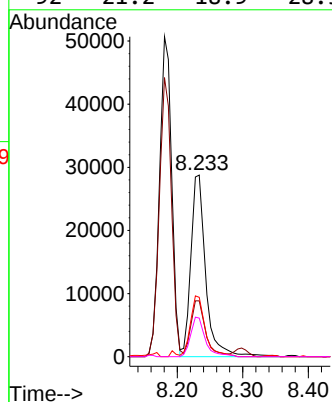
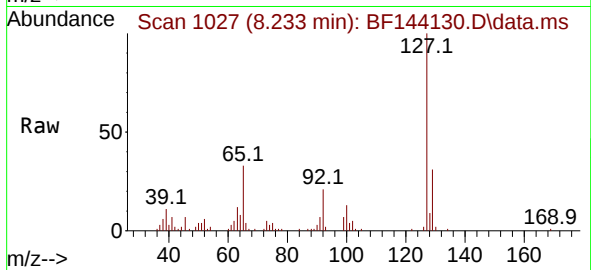
#33
4-Chloroaniline
Concen: 12.504 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

Instrument :
BNA_F
ClientSampleId :
TP-13MS

Tgt Ion:127	Resp: 45450
Ion Ratio	Lower Upper
127 100	
129 30.8	25.6 38.4
65 32.7	30.9 46.3
92 21.2	18.9 28.3

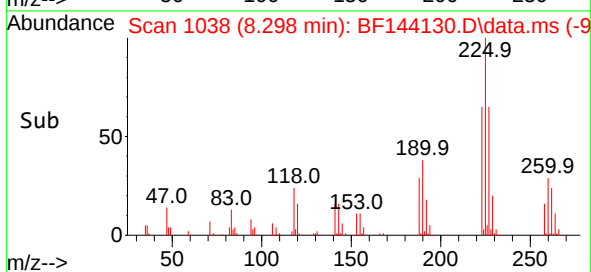
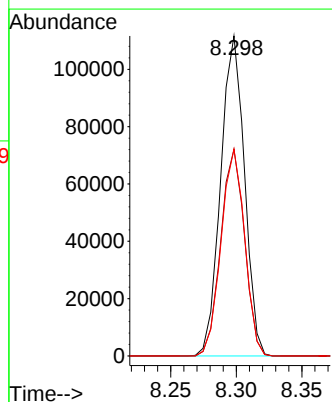
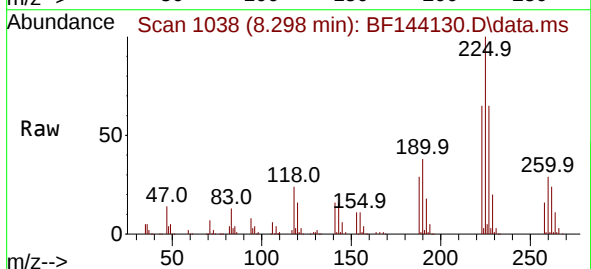
Manual Integrations
APPROVED

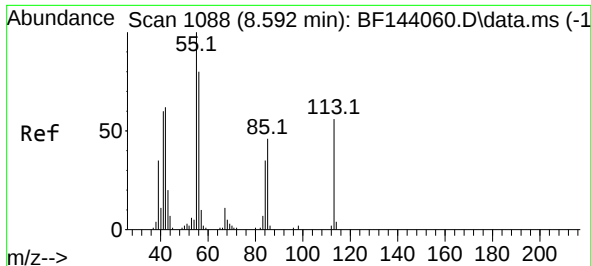
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#34
Hexachlorobutadiene
Concen: 47.608 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

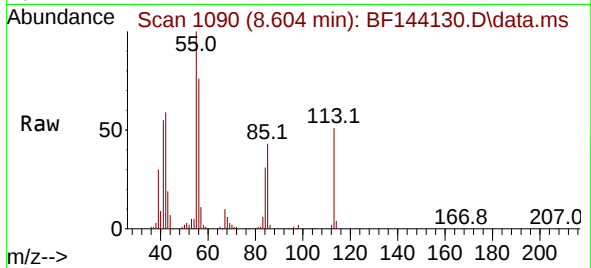
Tgt Ion:225	Resp: 140638
Ion Ratio	Lower Upper
225 100	
223 64.6	50.6 76.0
227 64.6	51.8 77.8





#35
Caprolactam
Concen: 61.658 ng m
RT: 8.604 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

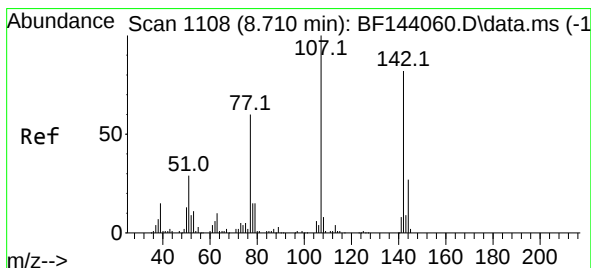
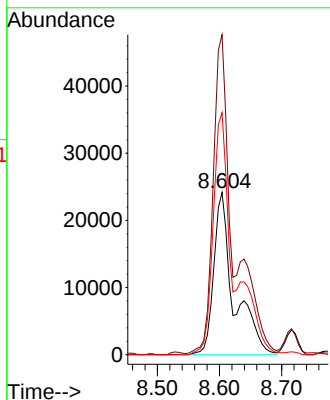
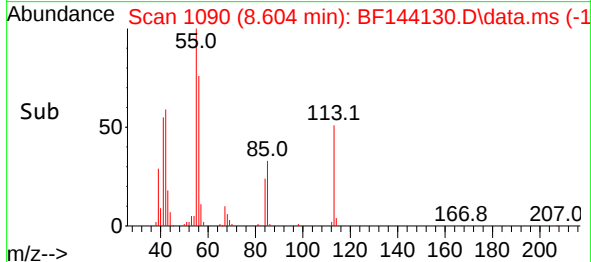
Instrument :
BNA_F
ClientSampleId :
TP-13MS



Tgt Ion:113 Resp: 5429
Ion Ratio Lower Upper
113 100
55 197.3 160.1 200.1
56 149.2 124.9 164.9

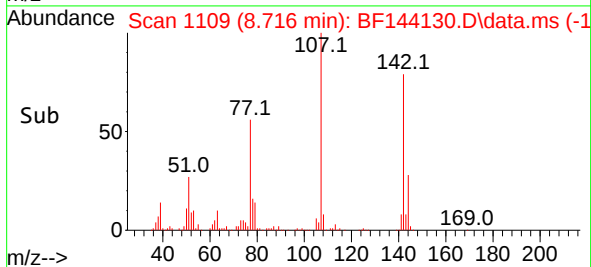
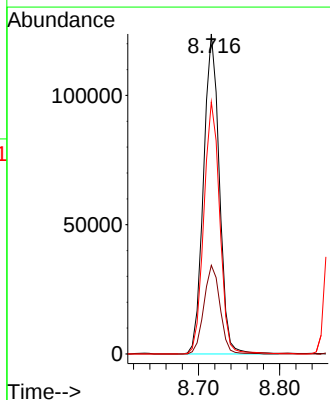
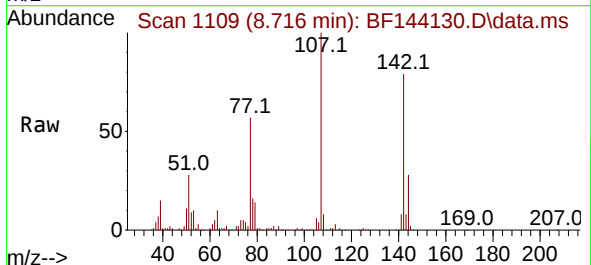
Manual Integrations
APPROVED

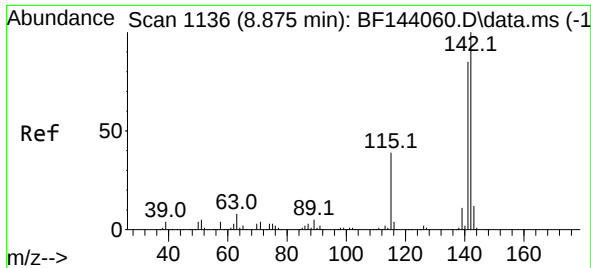
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#36
4-Chloro-3-methylphenol
Concen: 54.087 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

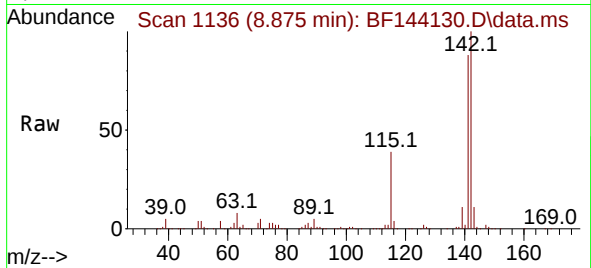
Tgt Ion:107 Resp: 167613
Ion Ratio Lower Upper
107 100
144 27.7 21.6 32.4
142 78.8 65.4 98.0





#37
2-Methylnaphthalene
Concen: 47.419 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

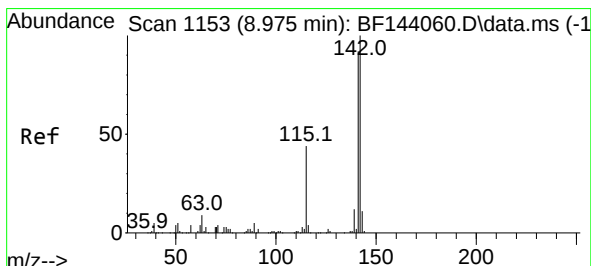
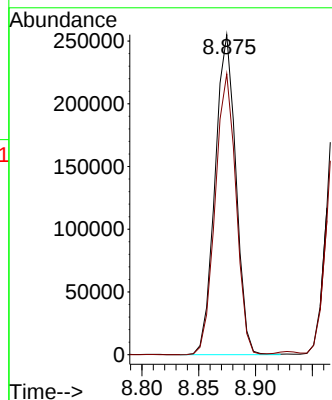
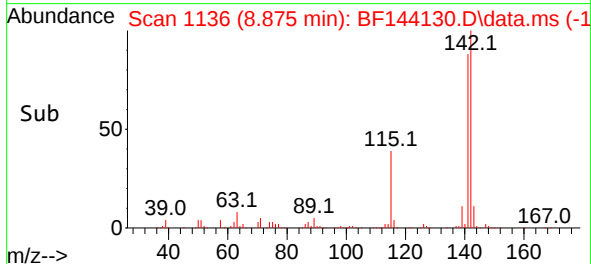
Instrument :
BNA_F
ClientSampleId :
TP-13MS



Tgt Ion:142 Resp: 32643
Ion Ratio Lower Upper
142 100
141 87.8 67.6 101.4

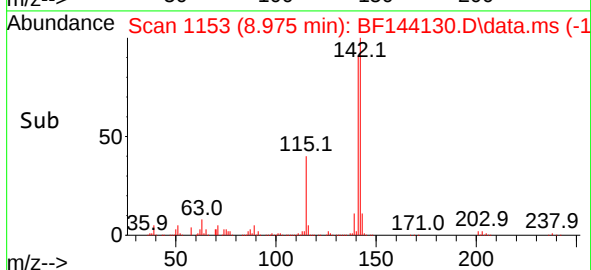
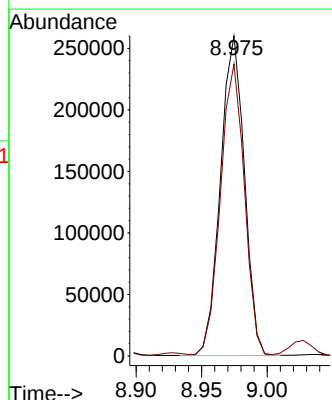
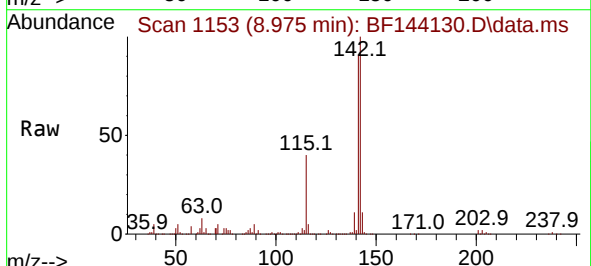
Manual Integrations
APPROVED

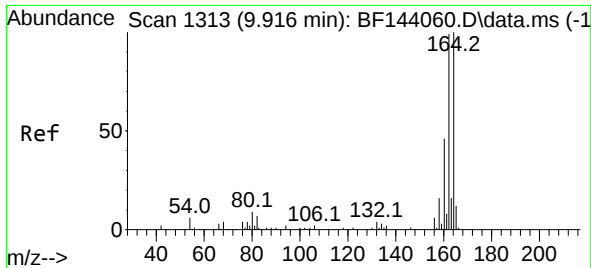
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#38
1-Methylnaphthalene
Concen: 50.518 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

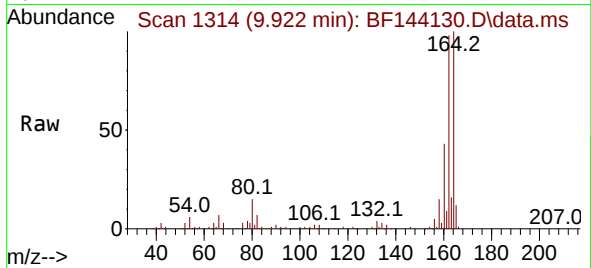
Tgt Ion:142 Resp: 329476
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

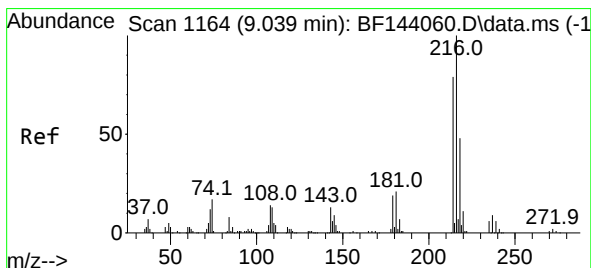
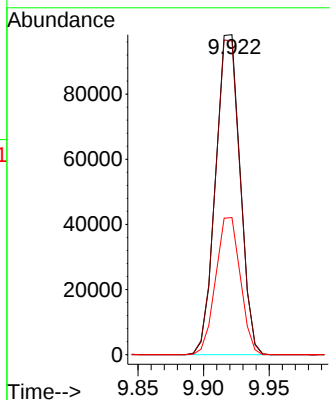
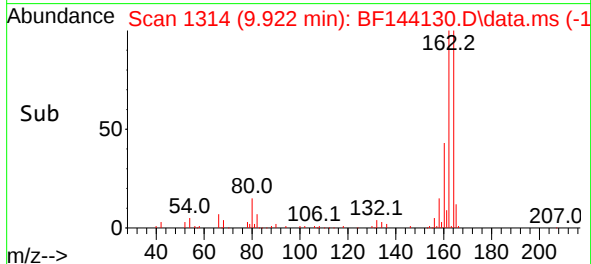
Instrument :
BNA_F
ClientSampleId :
TP-13MS



Tgt Ion:164 Resp: 127795
Ion Ratio Lower Upper
164 100
162 98.0 79.4 119.2
160 42.8 36.7 55.1

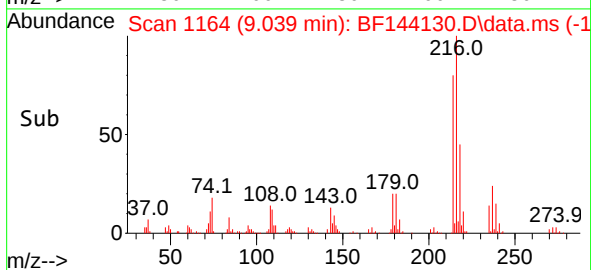
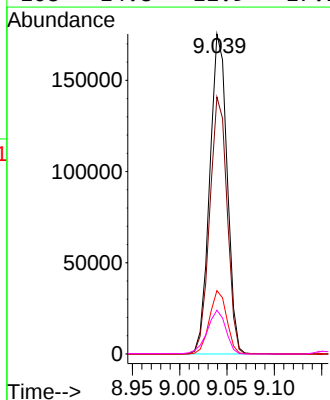
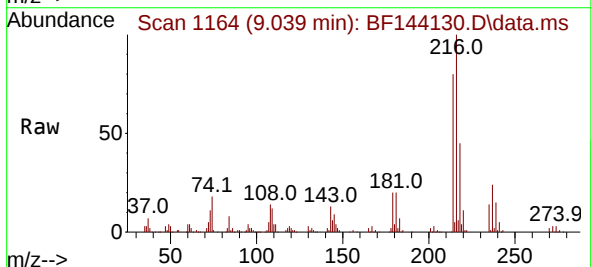
Manual Integrations
APPROVED

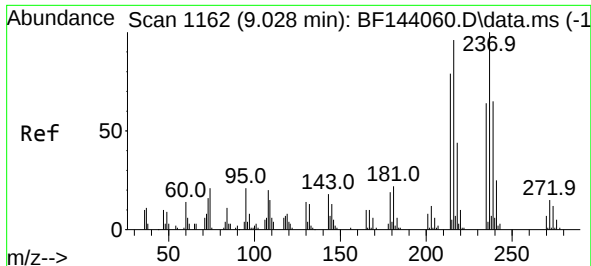
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.878 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

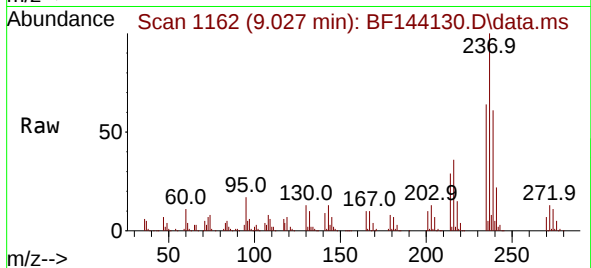
Tgt Ion:216 Resp: 223468
Ion Ratio Lower Upper
216 100
214 80.3 63.2 94.8
179 19.5 15.2 22.8
108 14.8 11.9 17.9





#41
Hexachlorocyclopentadiene
Concen: 120.474 ng
RT: 9.027 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

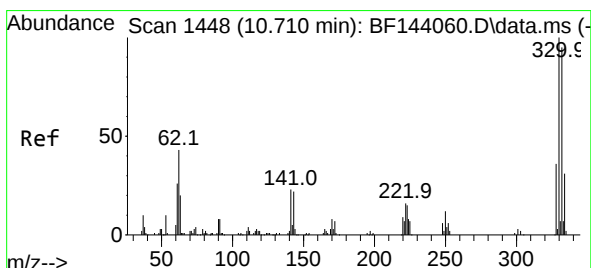
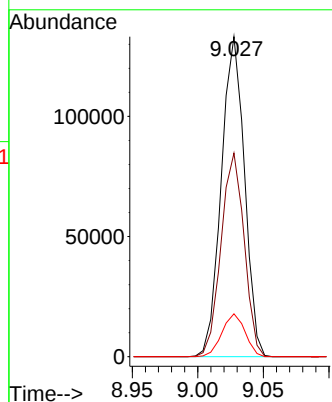
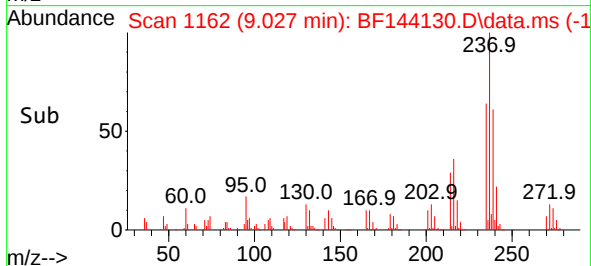
Instrument :
BNA_F
ClientSampleId :
TP-13MS



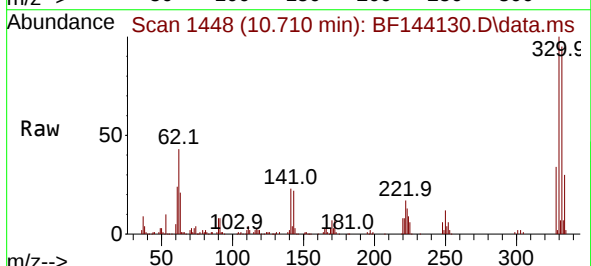
Tgt Ion:237 Resp: 163434
Ion Ratio Lower Upper
237 100
235 63.6 44.3 84.3
272 13.4 0.0 35.2

Manual Integrations
APPROVED

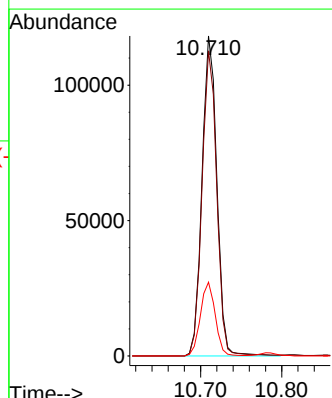
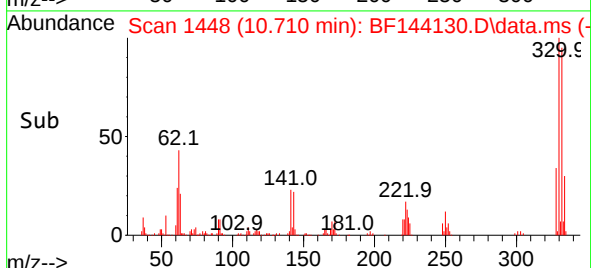
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

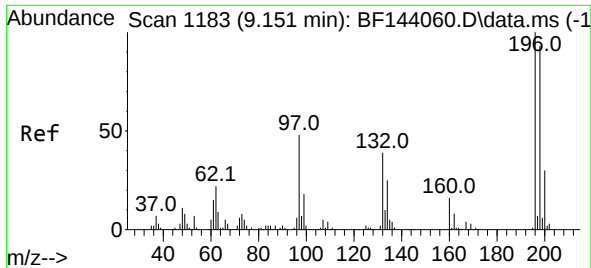


#42
2,4,6-Tribromophenol
Concen: 92.417 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



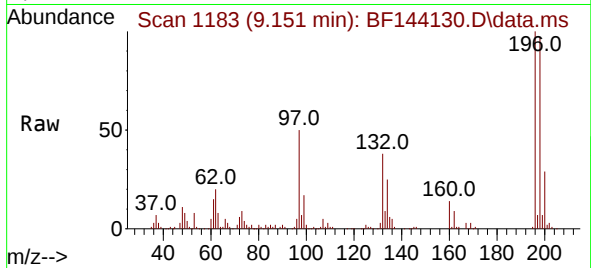
Tgt Ion:330 Resp: 150447
Ion Ratio Lower Upper
330 100
332 94.7 77.0 115.6
141 23.1 19.4 29.0





#43
2,4,6-Trichlorophenol
Concen: 50.371 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

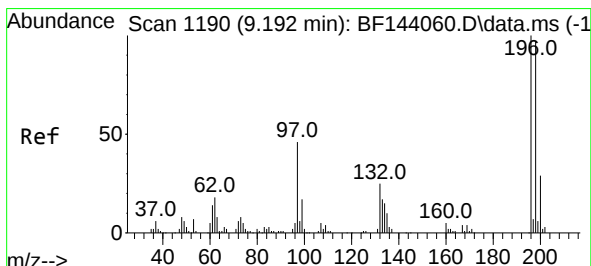
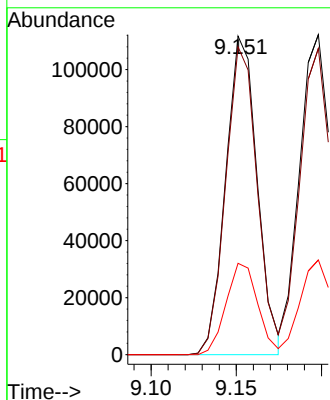
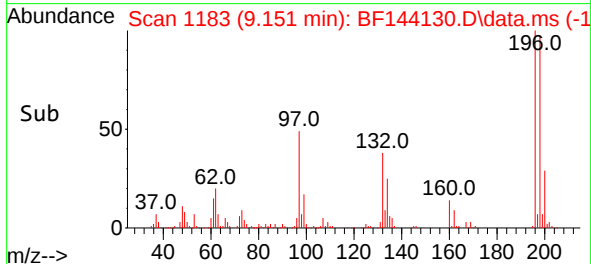
Instrument :
BNA_F
ClientSampleId :
TP-13MS



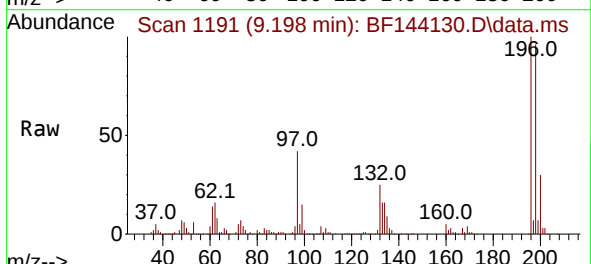
Tgt Ion:196 Resp: 14380
Ion Ratio Lower Upper
196 100
198 96.6 74.4 111.6
200 28.7 23.8 35.8

Manual Integrations
APPROVED

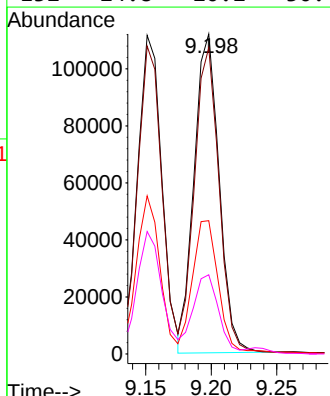
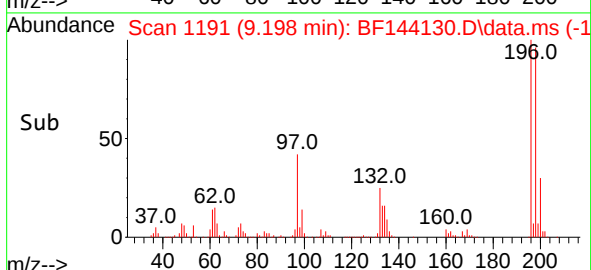
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

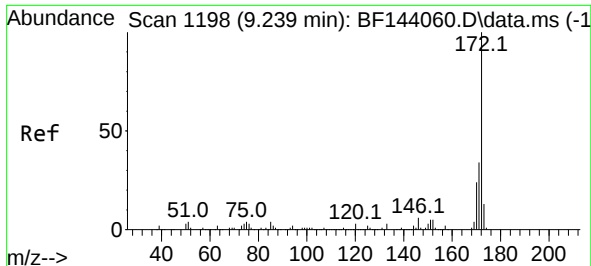


#44
2,4,5-Trichlorophenol
Concen: 49.579 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



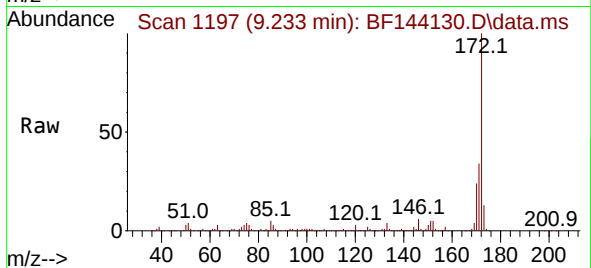
Tgt Ion:196 Resp: 148549
Ion Ratio Lower Upper
196 100
198 95.7 78.0 117.0
97 41.7 37.7 56.5
132 24.8 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 58.594 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

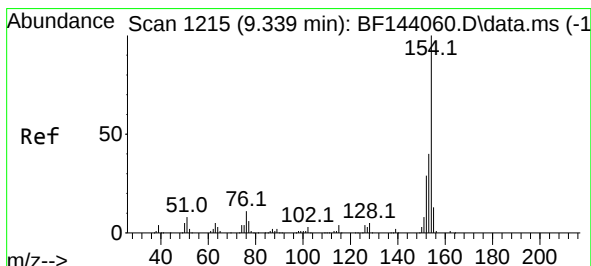
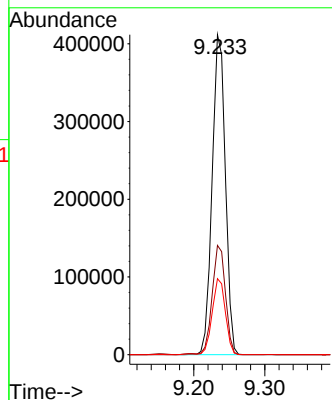
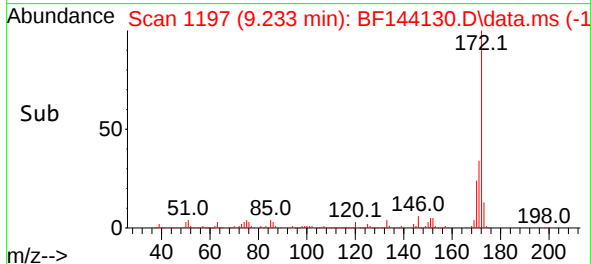
Instrument :
BNA_F
ClientSampleId :
TP-13MS



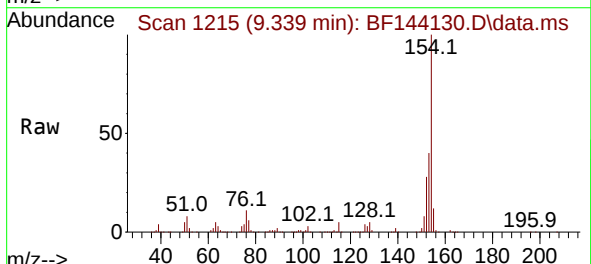
Tgt Ion:172 Resp: 53213
Ion Ratio Lower Upper
172 100
171 34.2 27.5 41.3
170 23.7 19.0 28.6

Manual Integrations
APPROVED

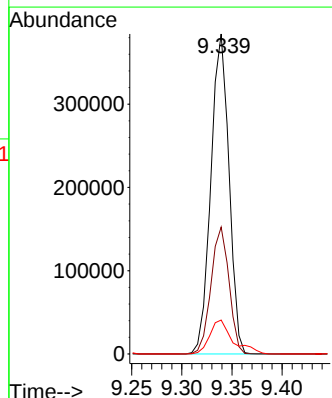
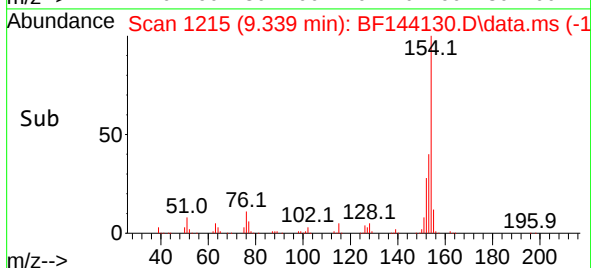
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

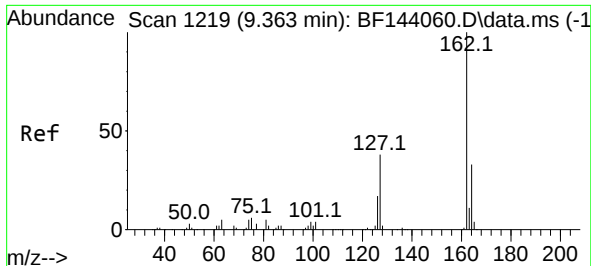


#46
1,1'-Biphenyl
Concen: 52.807 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



Tgt Ion:154 Resp: 483104
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 10.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 48.873 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS

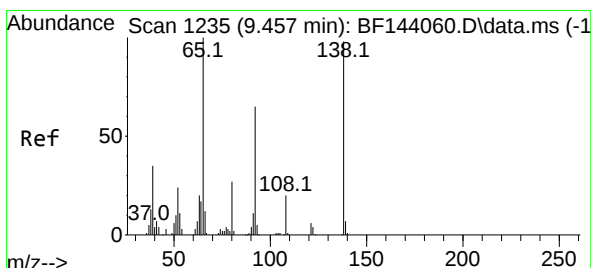
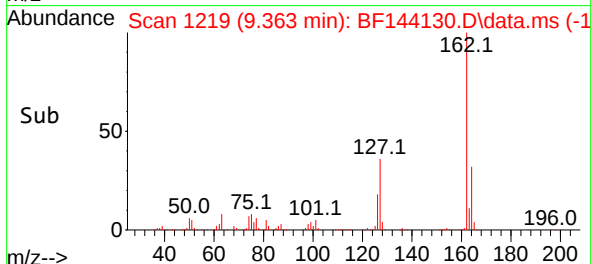
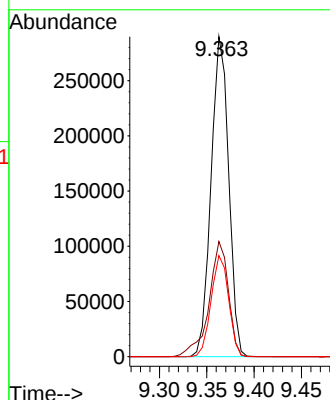
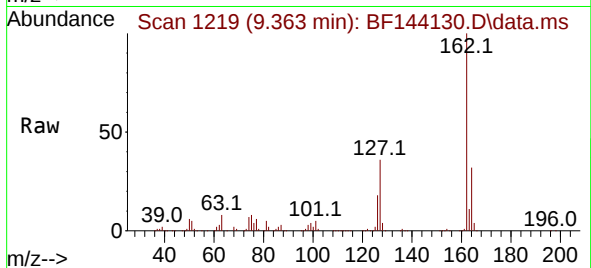
Tgt Ion:162 Resp: 374579
 Ion Ratio Lower Upper
 162 100
 127 36.0 31.6 47.4
 164 31.6 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#48

2-Nitroaniline

Concen: 51.770 ng

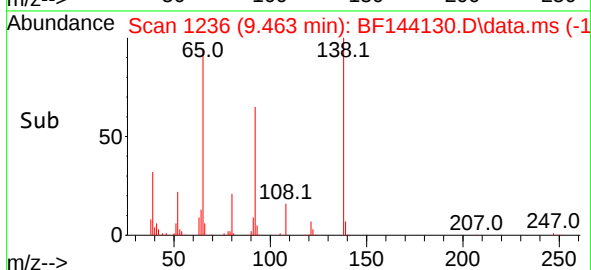
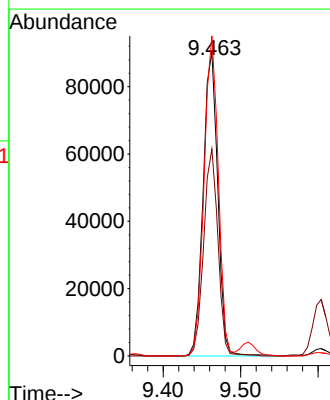
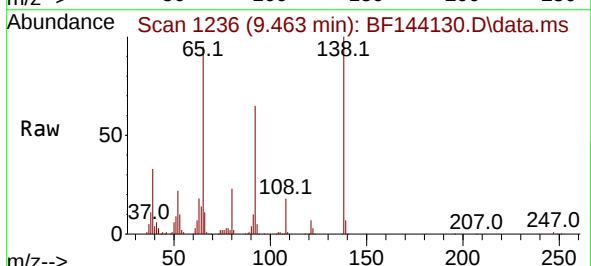
RT: 9.463 min Scan# 1236

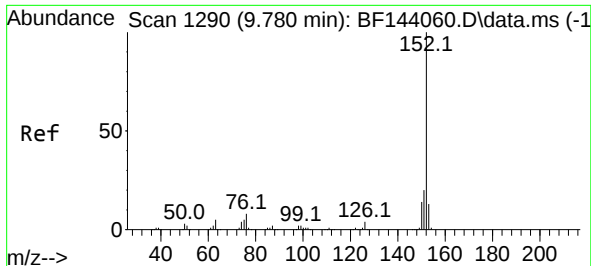
Delta R.T. 0.006 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

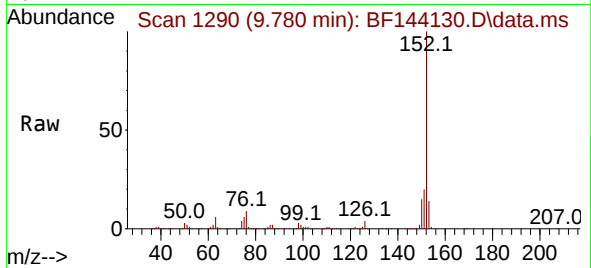
Tgt Ion: 65 Resp: 117825
 Ion Ratio Lower Upper
 65 100
 92 68.1 52.3 78.5
 138 105.2 78.3 117.5





#49
Acenaphthylene
Concen: 55.316 ng
RT: 9.780 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

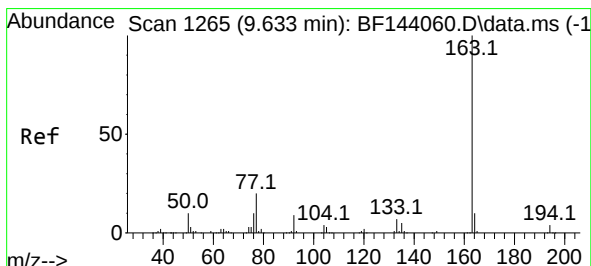
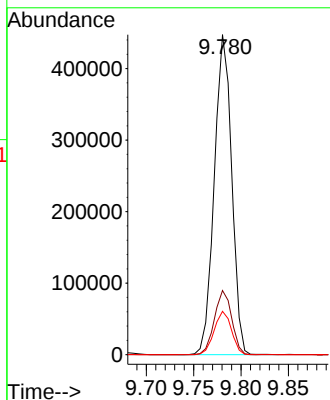
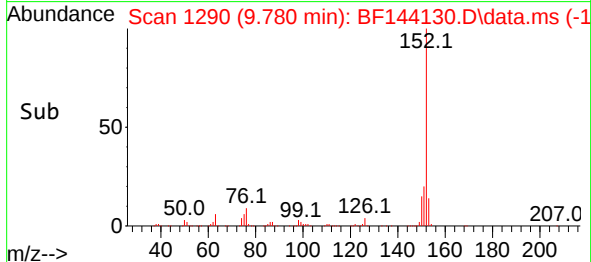
Instrument :
BNA_F
ClientSampleId :
TP-13MS



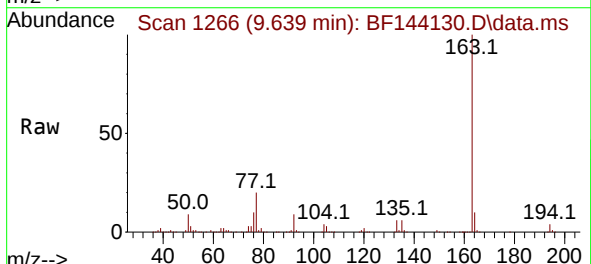
Tgt Ion:152 Resp: 571650
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.6 10.4 15.6

Manual Integrations
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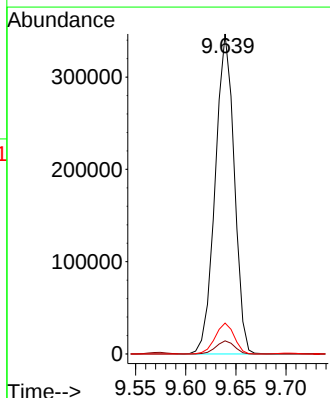
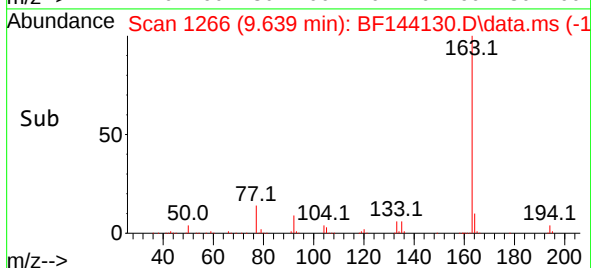
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

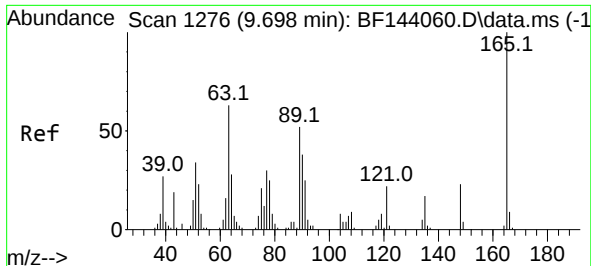


#50
Dimethylphthalate
Concen: 54.603 ng
RT: 9.639 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



Tgt Ion:163 Resp: 457405
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.7 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 58.273 ng

RT: 9.704 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS

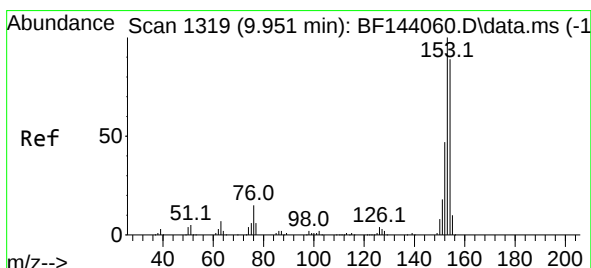
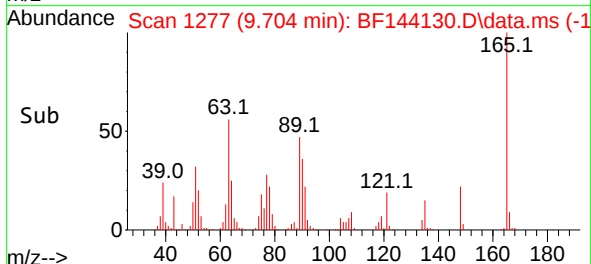
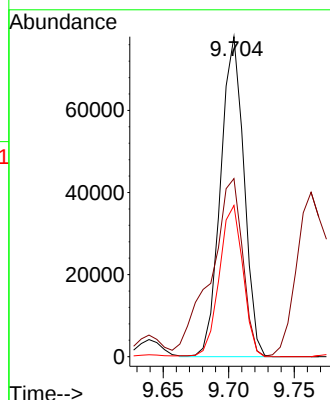
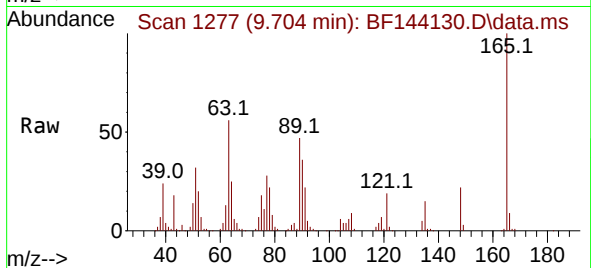
Tgt Ion:	165	Resp:	9650
Ion Ratio	Lower	Upper	
165	100		
63	55.7	50.4	75.6
89	47.3	41.4	62.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#52

Acenaphthene

Concen: 46.387 ng

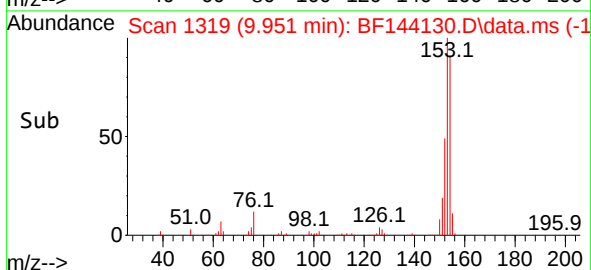
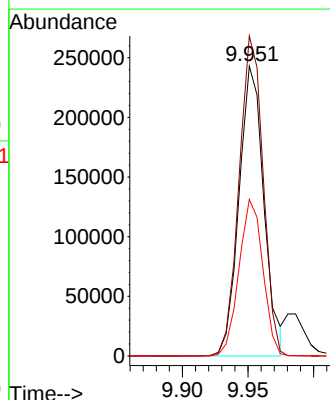
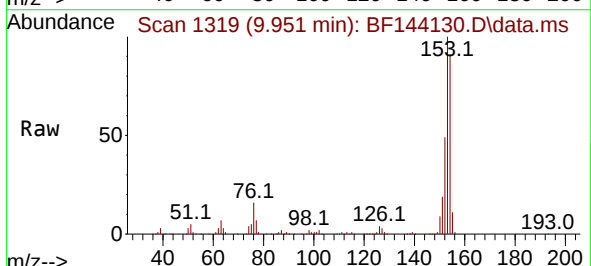
RT: 9.951 min Scan# 1319

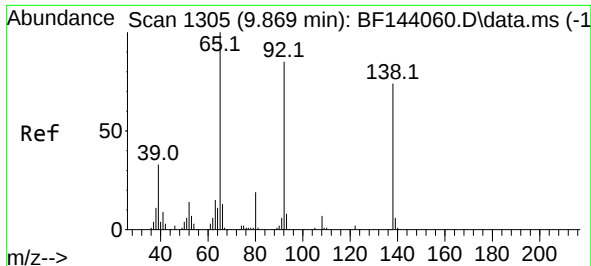
Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

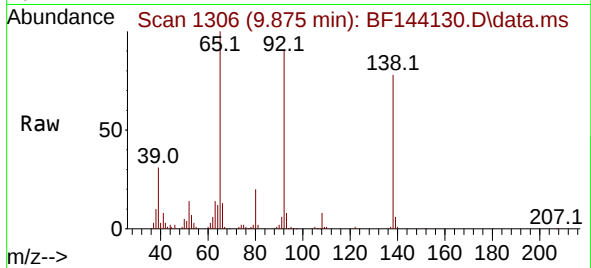
Tgt Ion:	154	Resp:	320145
Ion Ratio	Lower	Upper	
154	100		
153	110.3	89.9	134.9
152	54.0	42.0	63.0





#53
3-Nitroaniline
Concen: 29.695 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

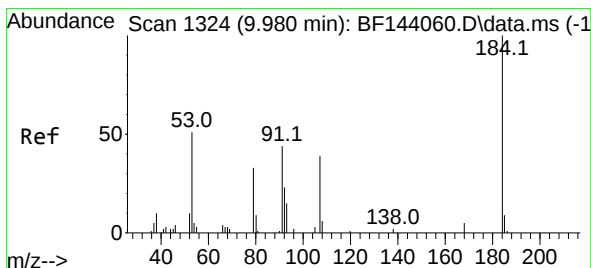
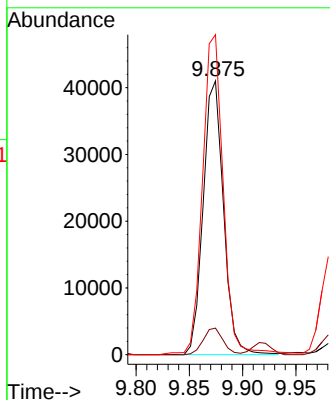
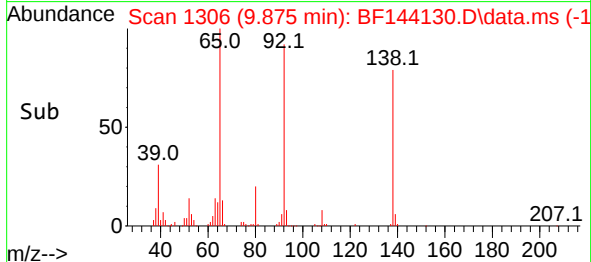
Instrument :
BNA_F
ClientSampleId :
TP-13MS



Tgt Ion:138 Resp: 5467
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 116.9 92.0 138.0

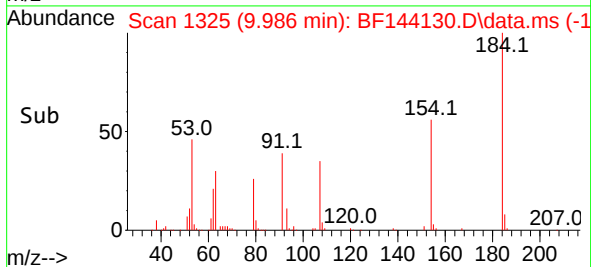
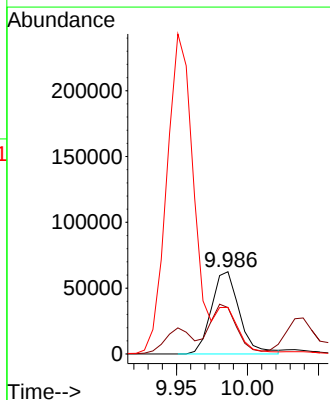
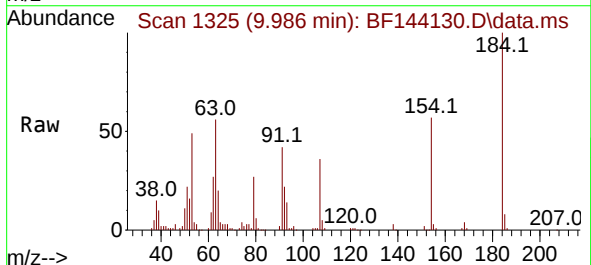
Manual Integrations
APPROVED

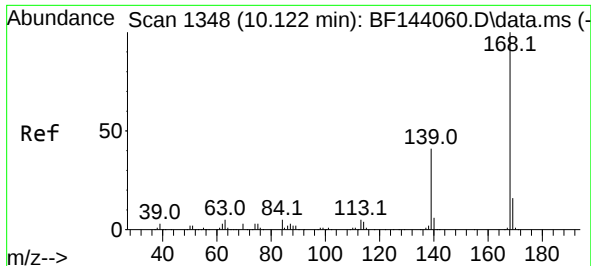
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#54
2,4-Dinitrophenol
Concen: 95.989 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

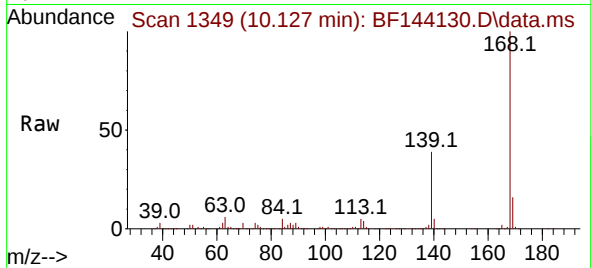
Tgt Ion:184 Resp: 85977
Ion Ratio Lower Upper
184 100
63 56.4 52.1 78.1
154 56.6 47.9 71.9





#55
Dibenzofuran
Concen: 49.625 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

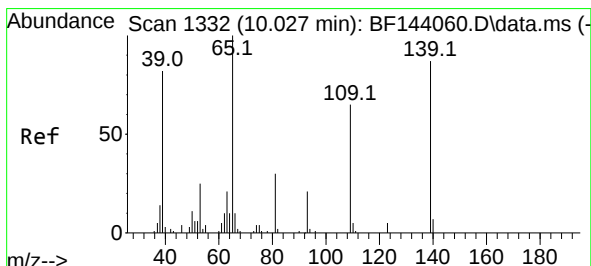
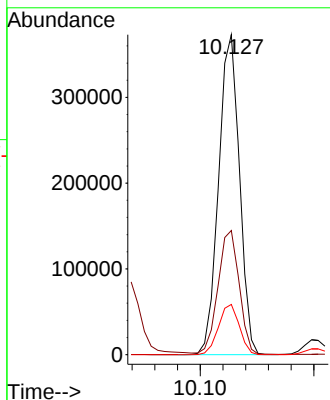
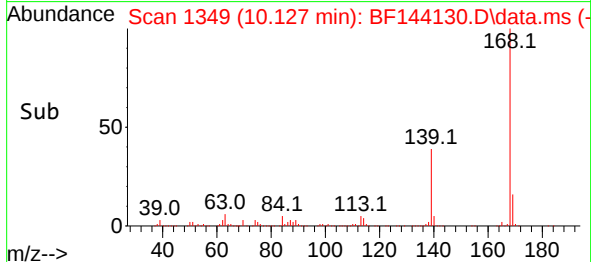
Instrument :
BNA_F
ClientSampleId :
TP-13MS



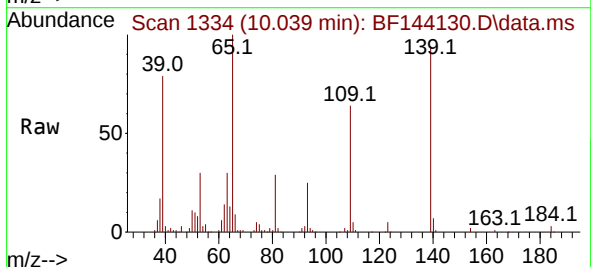
Tgt Ion:168 Resp: 47548
Ion Ratio Lower Upper
168 100
139 38.8 33.2 49.8
169 15.7 12.6 19.0

Manual Integrations
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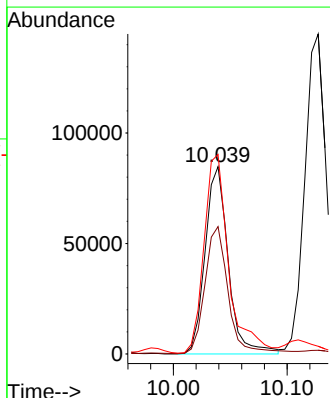
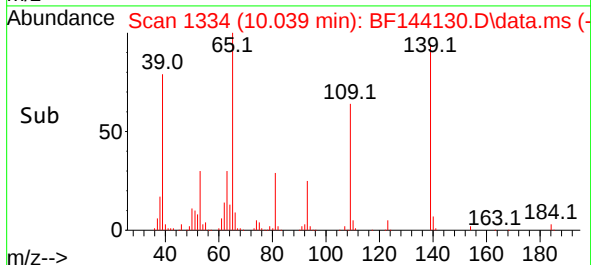
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

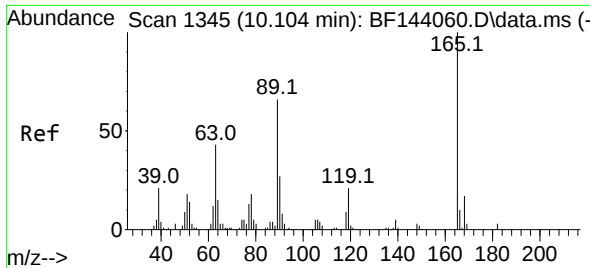


#56
4-Nitrophenol
Concen: 96.373 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.012 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



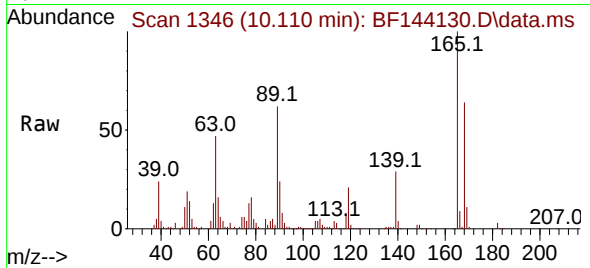
Tgt Ion:139 Resp: 120158
Ion Ratio Lower Upper
139 100
109 68.0 53.8 93.8
65 106.4 95.9 135.9





#57
2,4-Dinitrotoluene
Concen: 56.776 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

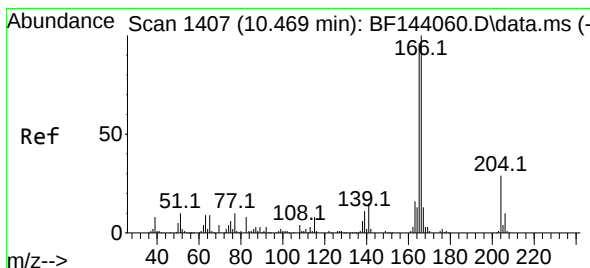
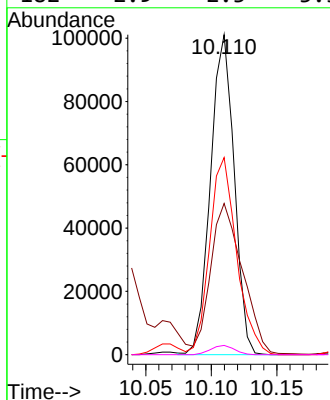
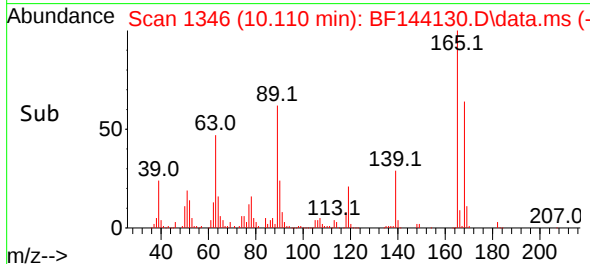
Instrument :
BNA_F
ClientSampleId :
TP-13MS



Tgt Ion:165 Resp: 126898
Ion Ratio Lower Upper
165 100
63 47.3 35.4 53.2
89 61.6 52.7 79.1
182 2.9 2.3 3.5

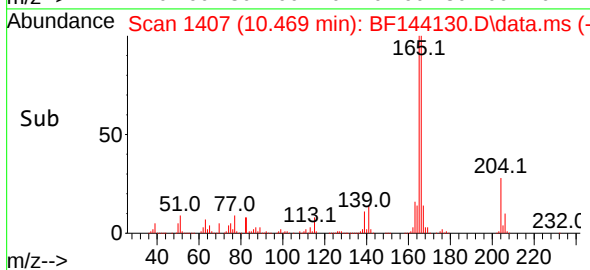
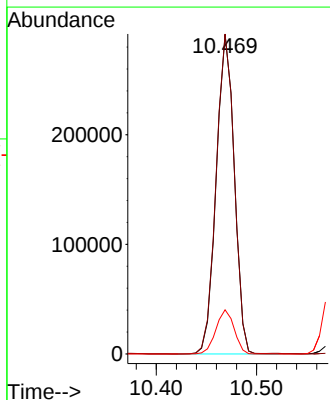
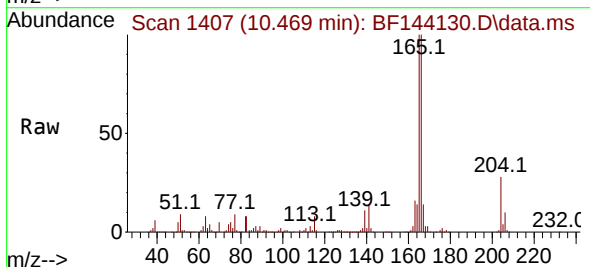
Manual Integrations
APPROVED

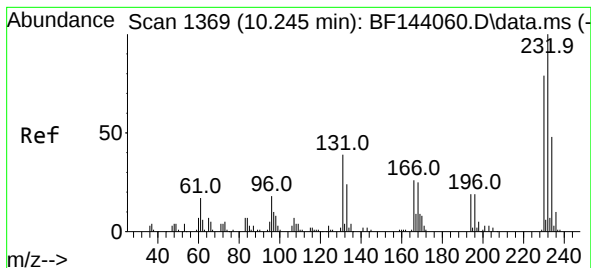
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#58
Fluorene
Concen: 49.984 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

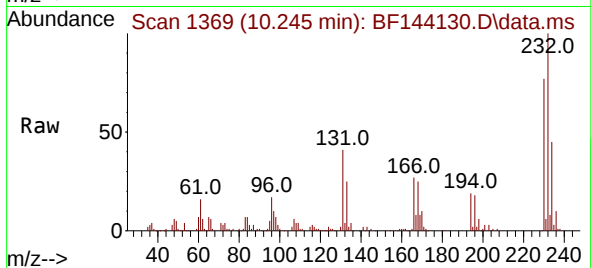
Tgt Ion:166 Resp: 364911
Ion Ratio Lower Upper
166 100
165 100.2 77.0 115.4
167 13.8 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.134 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

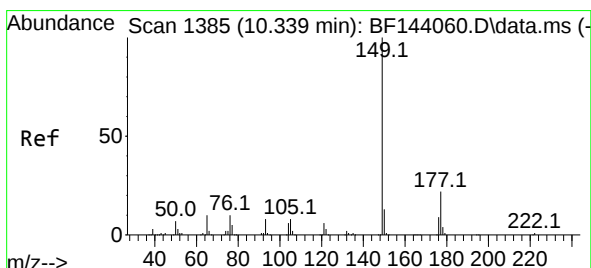
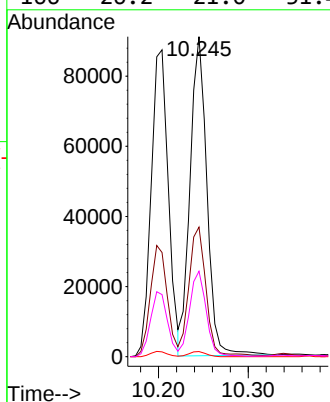
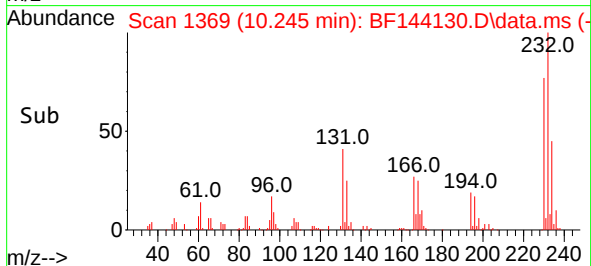
Instrument :
BNA_F
ClientSampleId :
TP-13MS



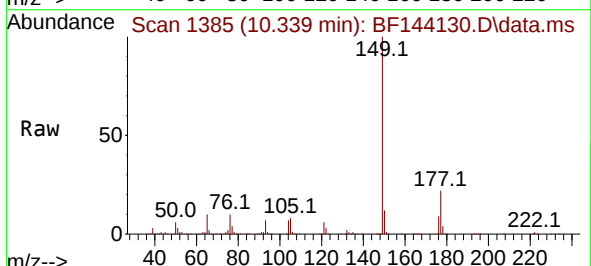
Tgt Ion:232 Resp: 118519
Ion Ratio Lower Upper
232 100
131 40.6 31.9 47.9
130 1.6 1.1 1.7
166 26.2 21.0 31.4

Manual Integrations
APPROVED

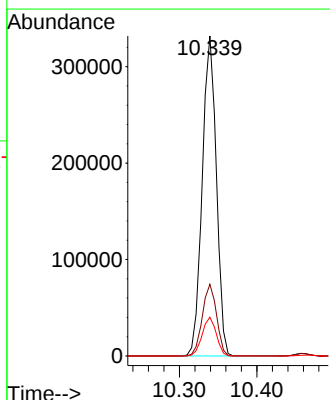
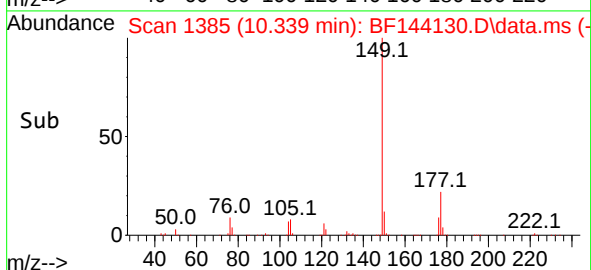
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

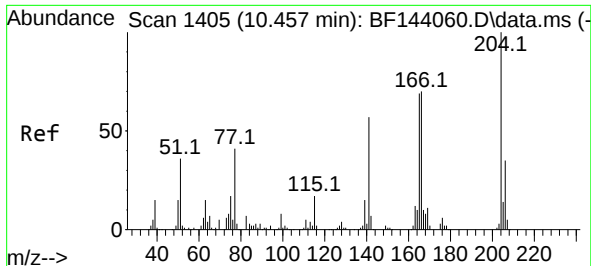


#60
Diethylphthalate
Concen: 53.276 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



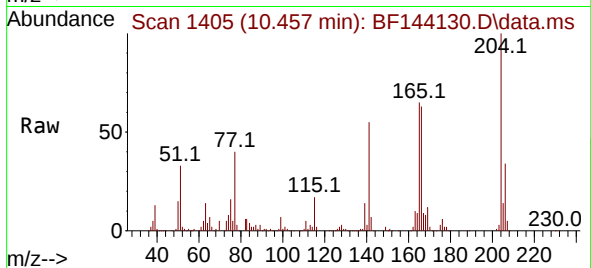
Tgt Ion:149 Resp: 419701
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.478 ng
RT: 10.457 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

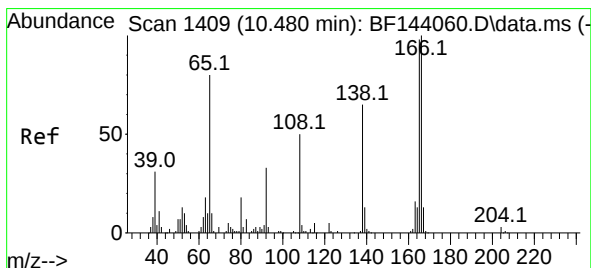
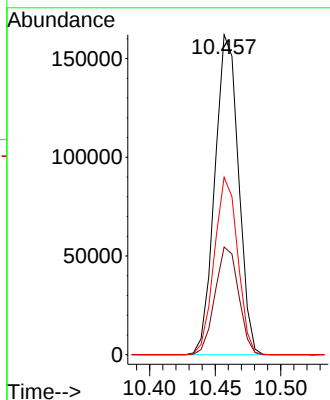
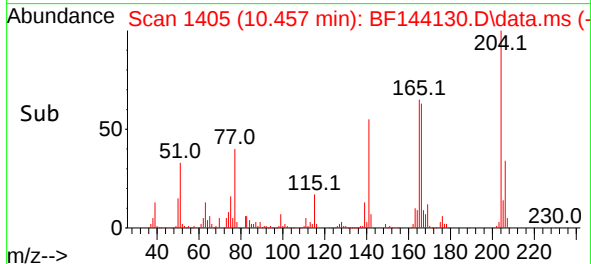
Instrument :
BNA_F
ClientSampleId :
TP-13MS



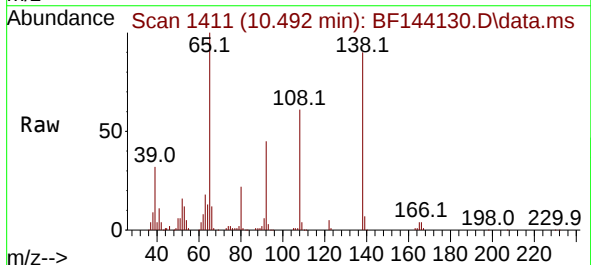
Tgt Ion:204 Resp: 20313
Ion Ratio Lower Upper
204 100
206 33.7 27.8 41.6
141 55.4 45.4 68.2

Manual Integrations
APPROVED

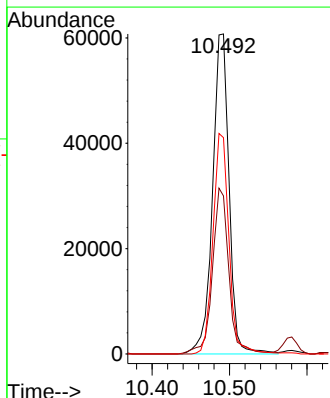
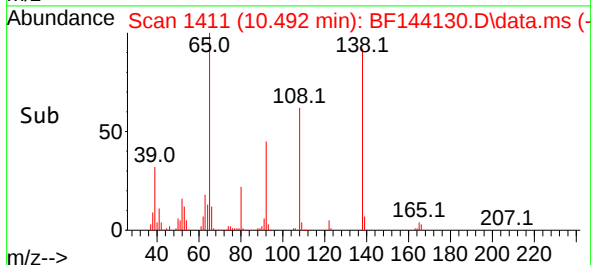
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

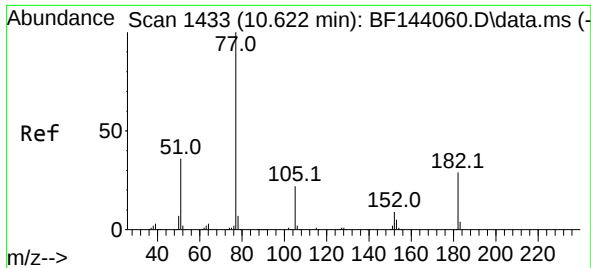


#62
4-Nitroaniline
Concen: 51.475 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



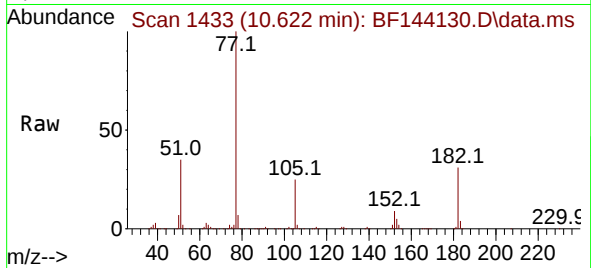
Tgt Ion:138 Resp: 89801
Ion Ratio Lower Upper
138 100
92 49.4 30.5 70.5
108 67.6 56.2 96.2





#63
Azobenzene
Concen: 56.643 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

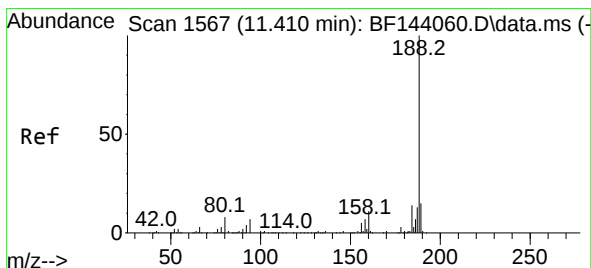
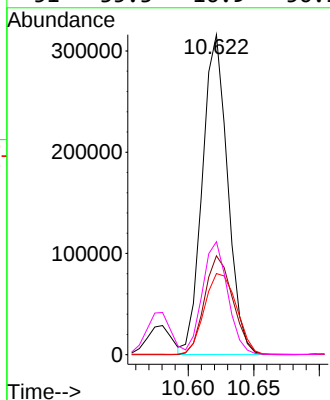
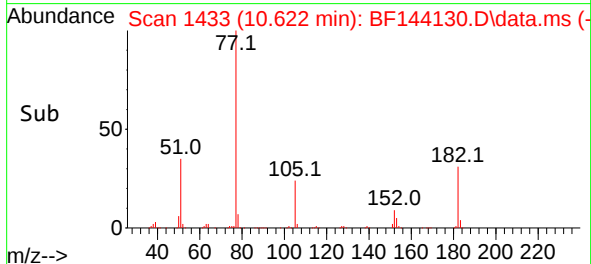
Instrument :
BNA_F
ClientSampleId :
TP-13MS



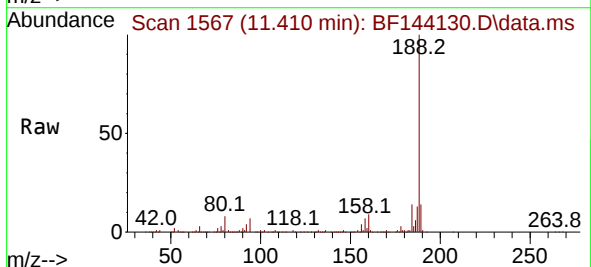
Tgt Ion: 77 Resp: 422348
Ion Ratio Lower Upper
77 100
182 30.9 9.0 49.0
105 25.3 1.4 41.4
51 35.3 16.9 56.9

Manual Integrations
APPROVED

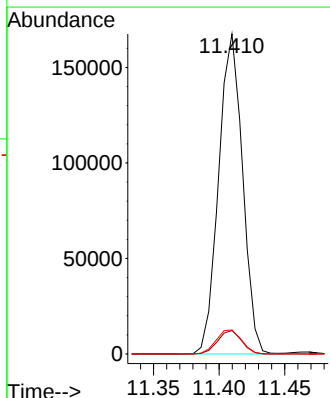
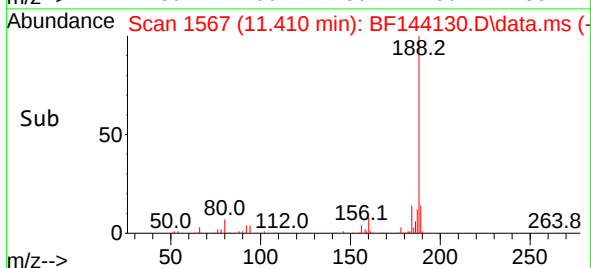
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

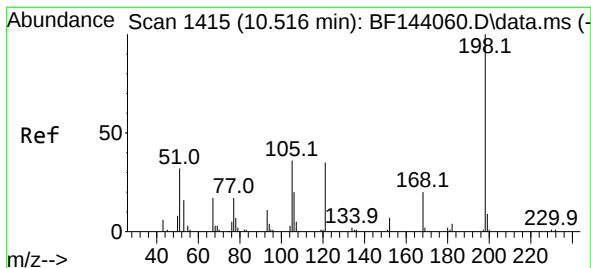


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



Tgt Ion:188 Resp: 212513
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 7.5 6.0 9.0





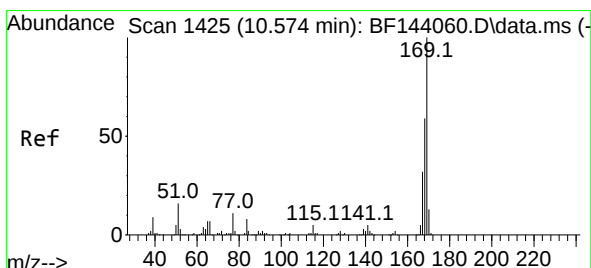
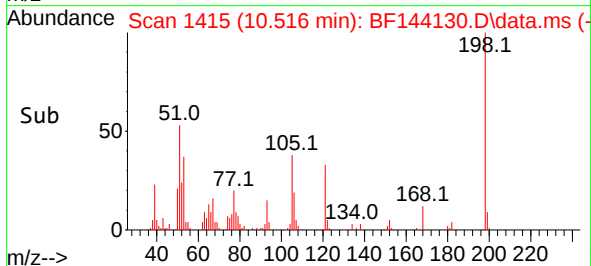
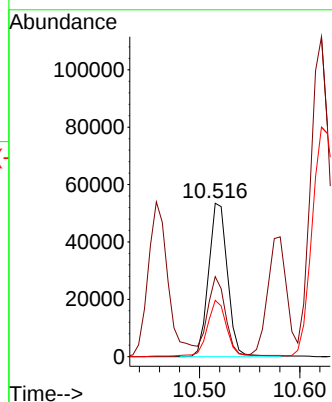
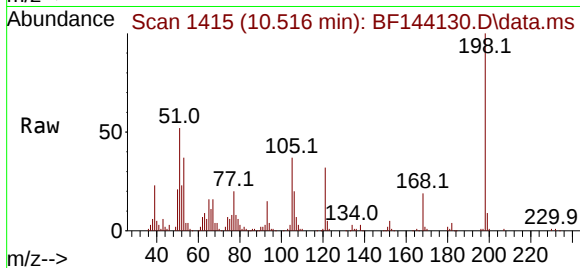
#65
4,6-Dinitro-2-methylphenol
Concen: 51.503 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

Instrument :
BNA_F
ClientSampleId :
TP-13MS

Tgt Ion:198 Resp: 7022
Ion Ratio Lower Upper
198 100
51 52.1 25.8 65.8
105 36.7 17.2 57.2

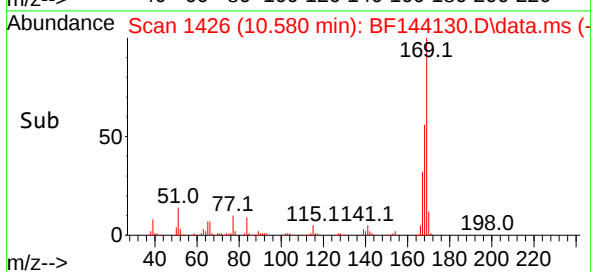
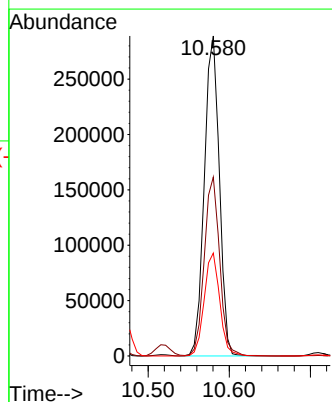
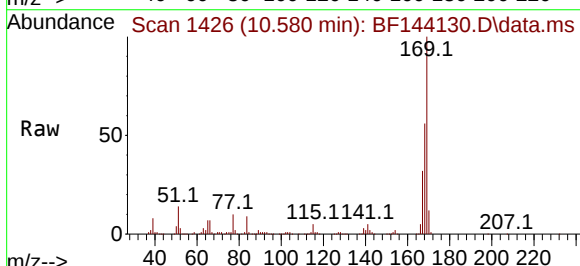
Manual Integrations
APPROVED

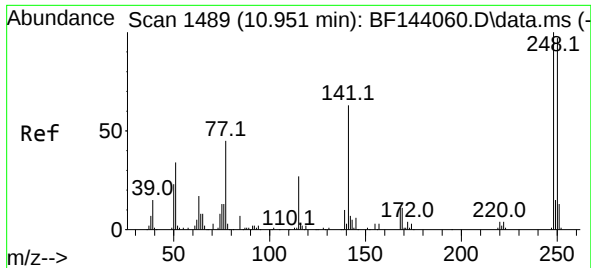
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#66
n-Nitrosodiphenylamine
Concen: 54.549 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

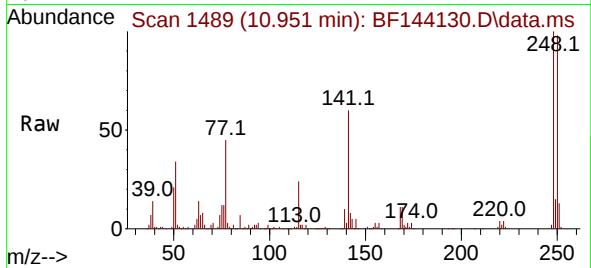
Tgt Ion:169 Resp: 370384
Ion Ratio Lower Upper
169 100
168 55.9 47.4 71.2
167 32.2 25.5 38.3





#67
4-Bromophenyl-phenylether
Concen: 52.397 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

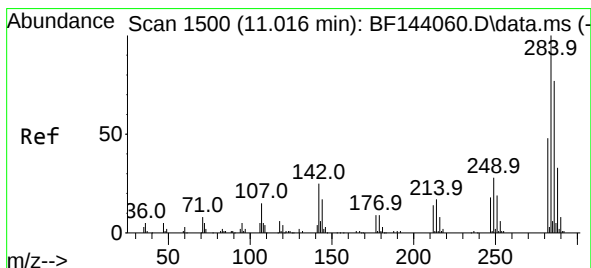
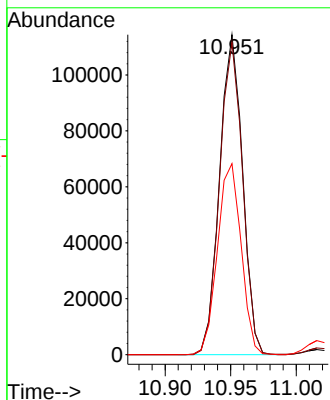
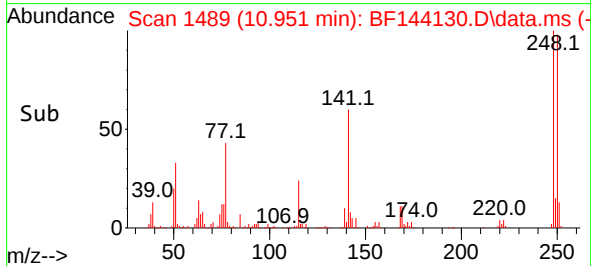
Instrument :
BNA_F
ClientSampleId :
TP-13MS



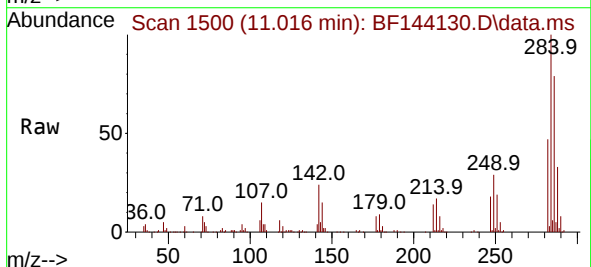
Tgt Ion:248 Resp: 139418
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.6
141 59.7 50.5 75.7

Manual Integrations
APPROVED

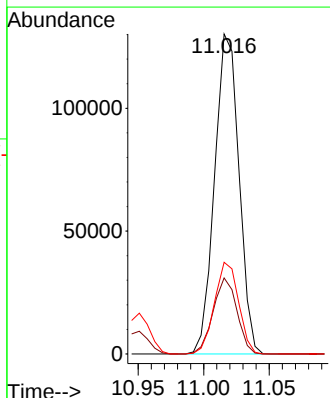
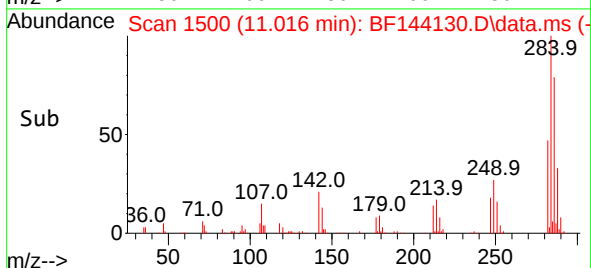
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

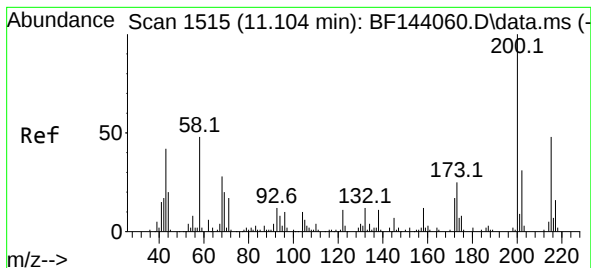


#68
Hexachlorobenzene
Concen: 51.511 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



Tgt Ion:284 Resp: 168094
Ion Ratio Lower Upper
284 100
142 23.8 20.0 30.0
249 28.6 22.2 33.2





#69

Atrazine

Concen: 56.037 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS

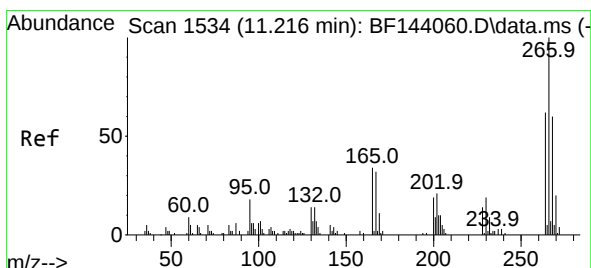
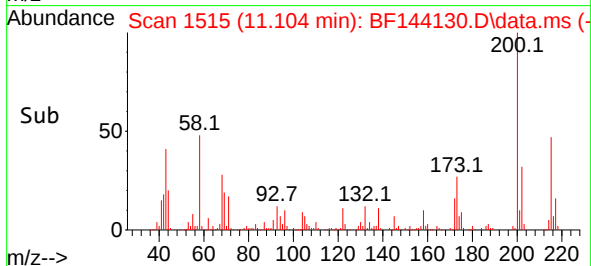
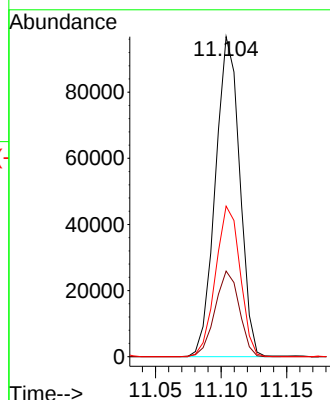
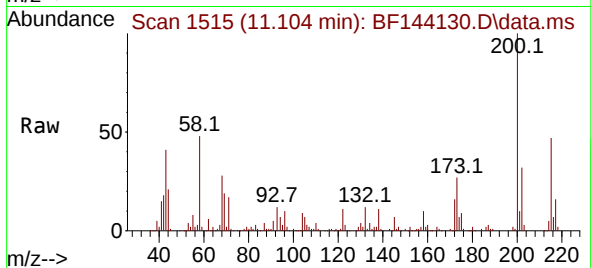
Tgt Ion:200 Resp: 124854
 Ion Ratio Lower Upper
 200 100
 173 26.7 4.9 44.9
 215 47.1 28.2 68.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#70

Pentachlorophenol

Concen: 101.518 ng

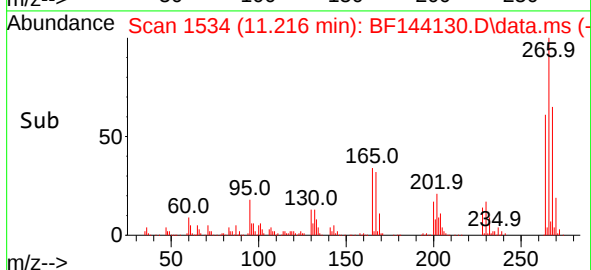
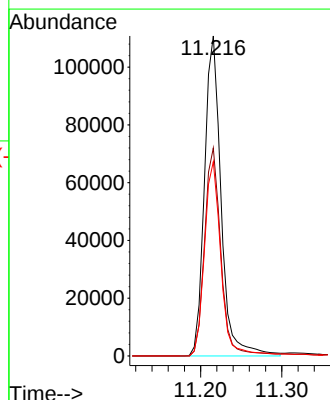
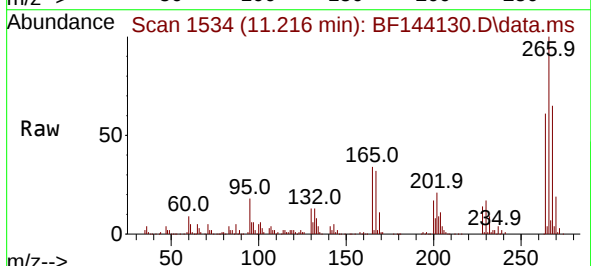
RT: 11.216 min Scan# 1534

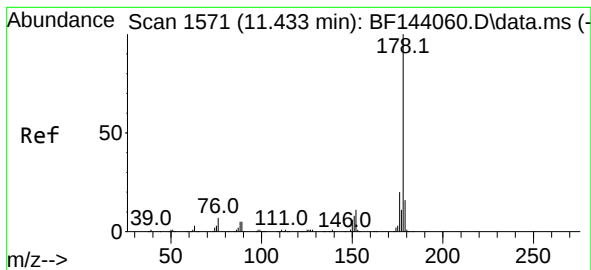
Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

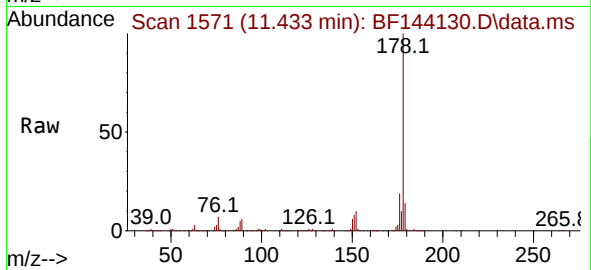
Tgt Ion:266 Resp: 157689
 Ion Ratio Lower Upper
 266 100
 268 65.0 48.2 72.4
 264 60.7 49.4 74.0





#71
Phenanthrene
Concen: 51.984 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

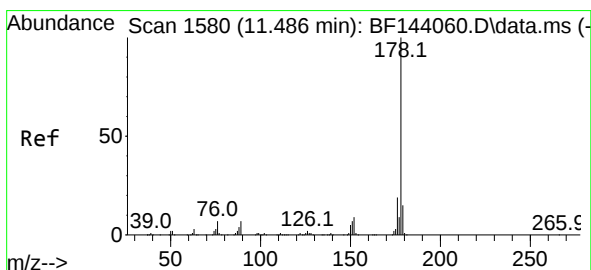
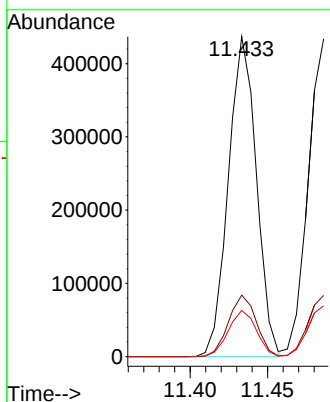
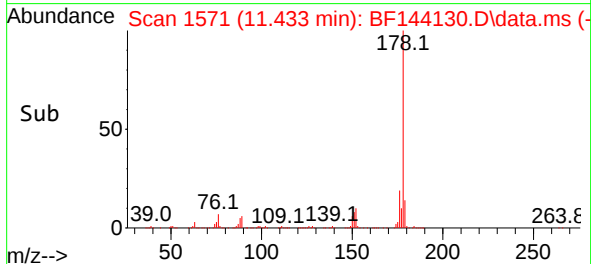
Instrument :
BNA_F
ClientSampleId :
TP-13MS



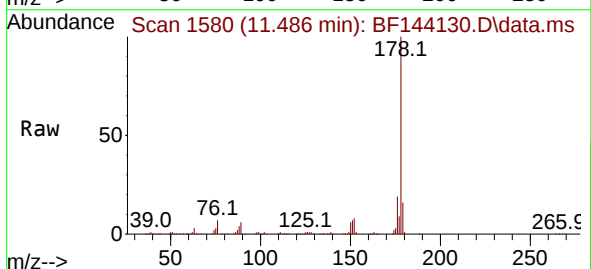
Tgt Ion:178 Resp: 548782
Ion Ratio Lower Upper
178 100
176 19.3 16.3 24.5
179 14.5 12.6 18.8

Manual Integrations
APPROVED

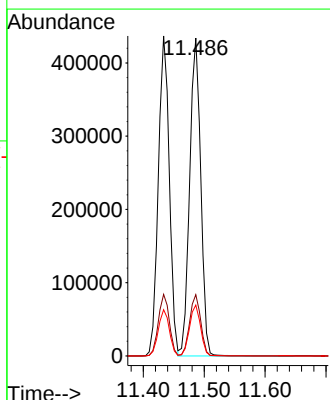
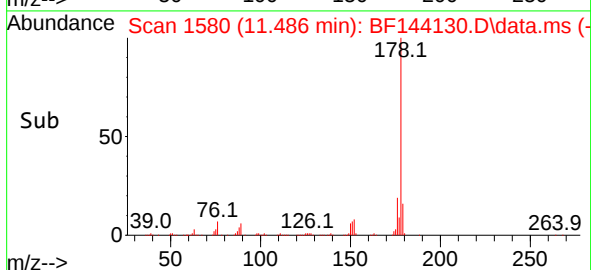
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

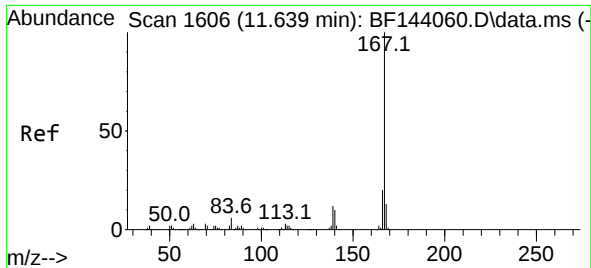


#72
Anthracene
Concen: 50.302 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



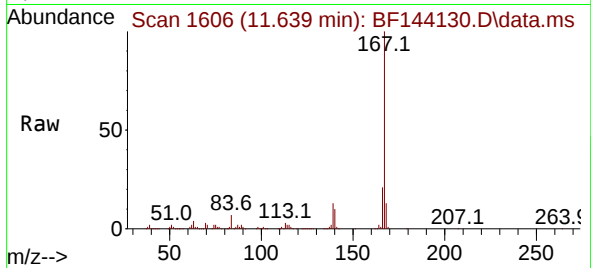
Tgt Ion:178 Resp: 548552
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 16.0 11.8 17.6





#73
 Carbazole
 Concen: 49.056 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.000 min
 Lab File: BF144130.D
 Acq: 29 Oct 2025 16:02

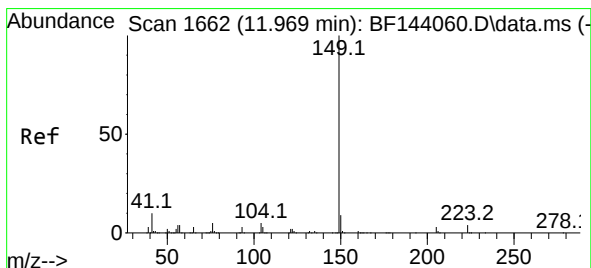
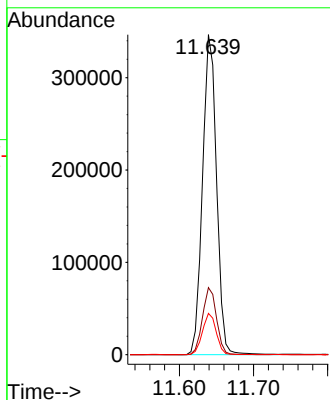
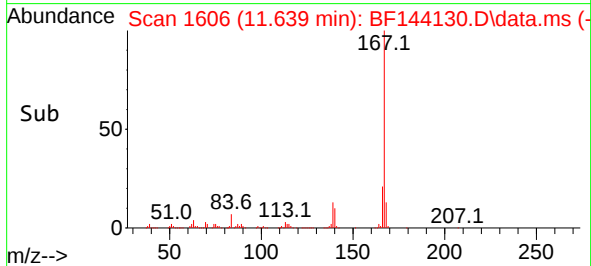
Instrument :
 BNA_F
 ClientSampleId :
 TP-13MS



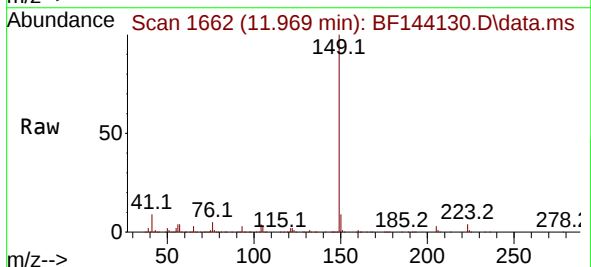
Tgt Ion:167 Resp: 455340
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.1 24.1
 139 12.9 9.8 14.6

Manual Integrations
 APPROVED

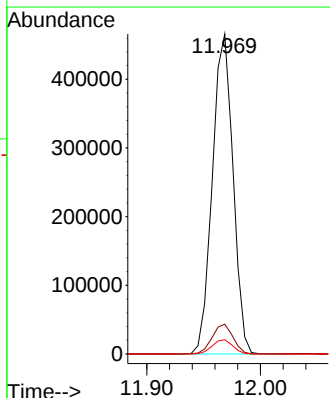
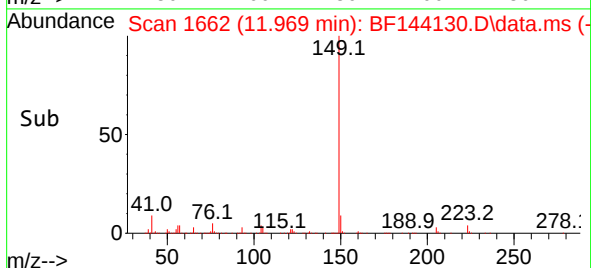
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025

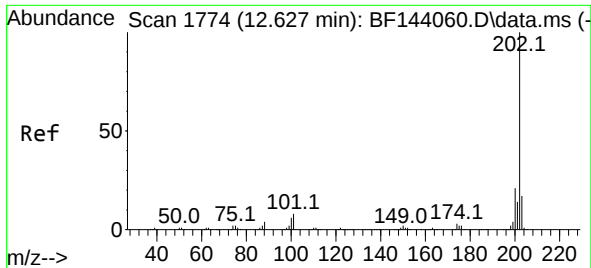


#74
 Di-n-butylphthalate
 Concen: 51.745 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: BF144130.D
 Acq: 29 Oct 2025 16:02



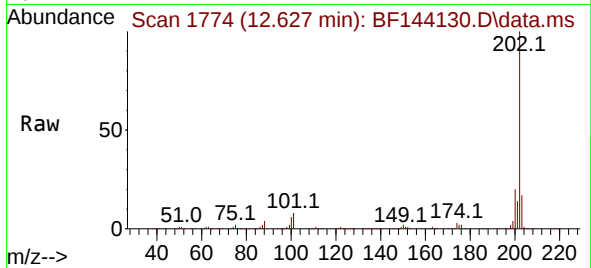
Tgt Ion:149 Resp: 588875
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 48.514 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

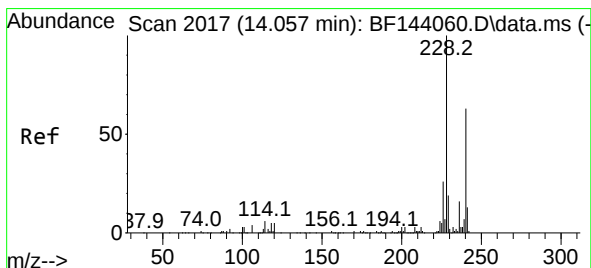
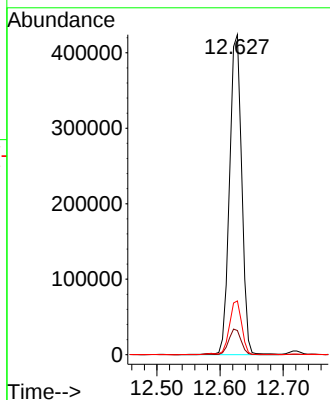
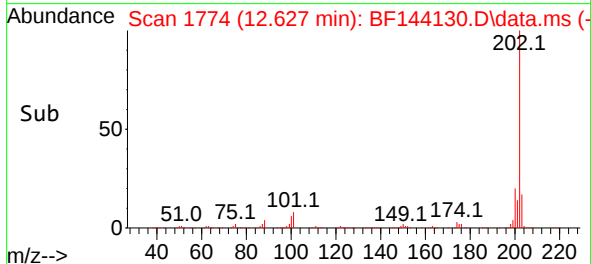
Instrument :
BNA_F
ClientSampleId :
TP-13MS



Tgt Ion:202 Resp: 565830
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.7
203 16.8 0.0 37.3

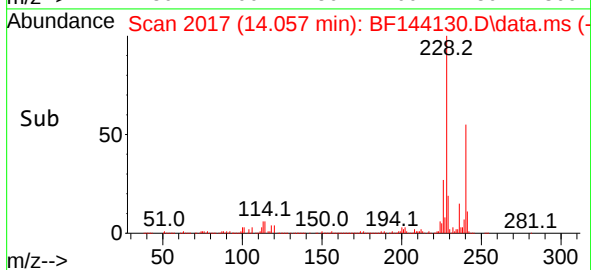
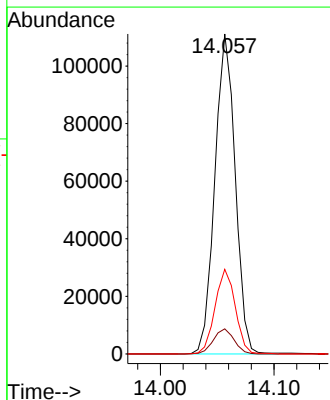
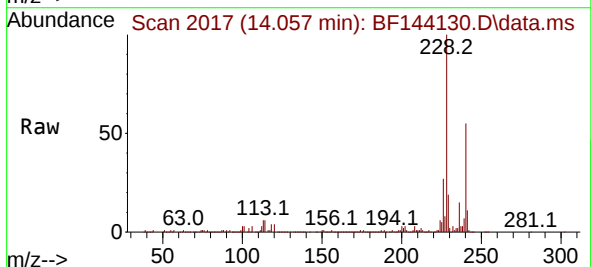
Manual Integrations
APPROVED

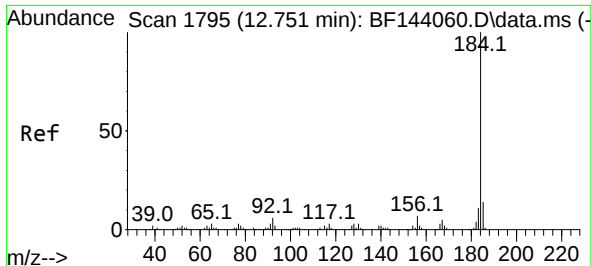
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

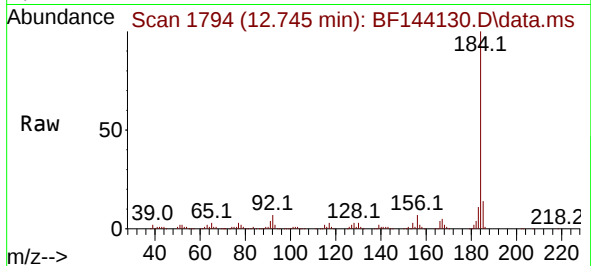
Tgt Ion:240 Resp: 138511
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.4 20.1 30.1





#77
Benzidine
Concen: 44.585 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

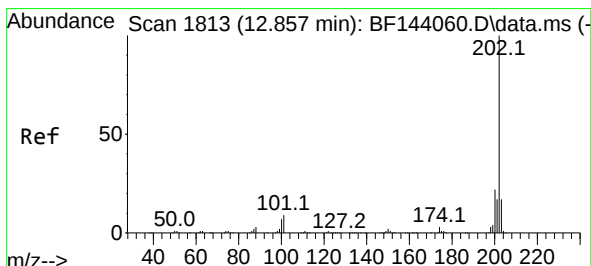
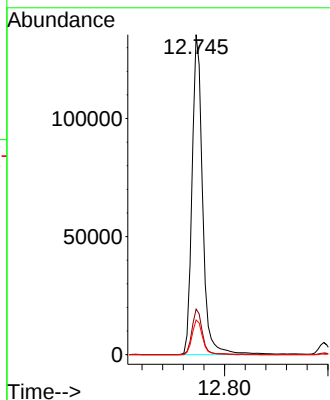
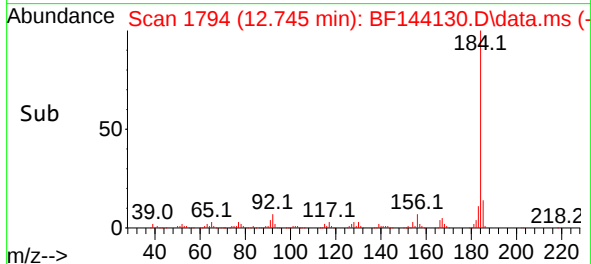
Instrument :
BNA_F
ClientSampleId :
TP-13MS



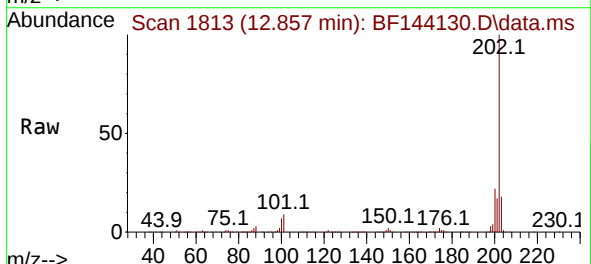
Tgt Ion:184 Resp: 19219
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.8 8.5 12.7

Manual Integrations
APPROVED

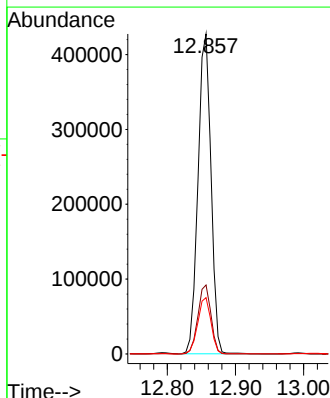
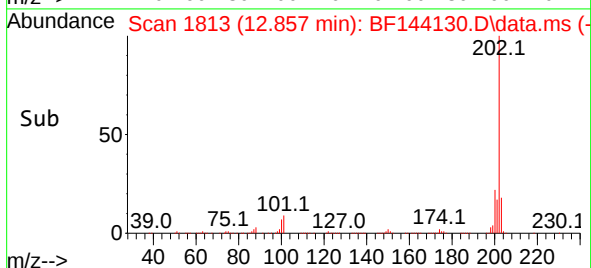
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

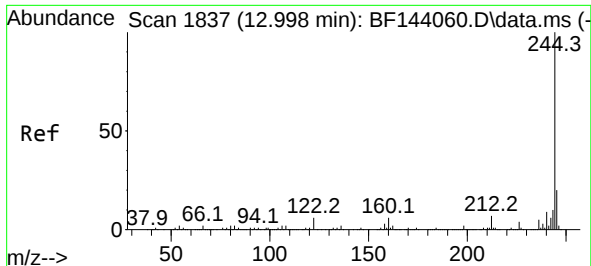


#78
Pyrene
Concen: 56.581 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



Tgt Ion:202 Resp: 563433
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.6 13.5 20.3





#79
 Terphenyl-d14
 Concen: 64.562 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF144130.D
 Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

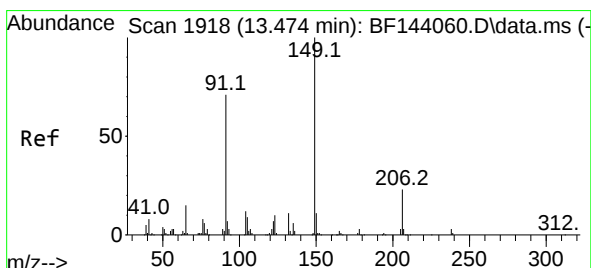
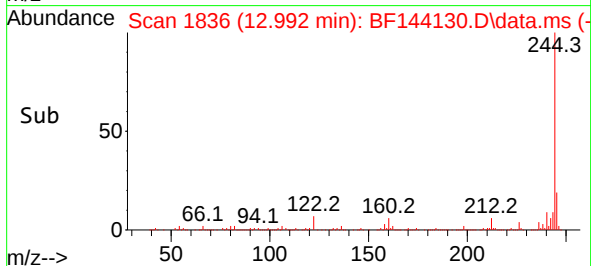
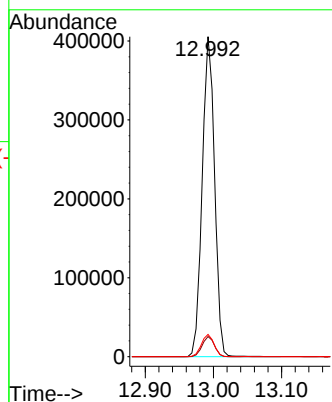
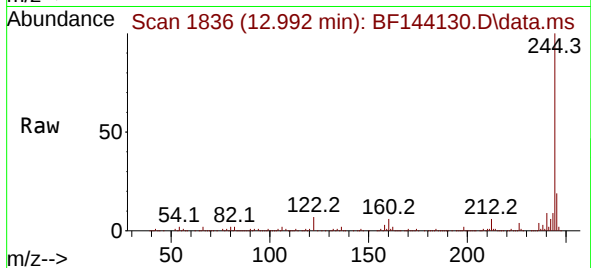
TP-13MS

Tgt Ion:244 Resp: 51152
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.8 8.6
 122 7.0 4.9 7.3

Manual Integrations

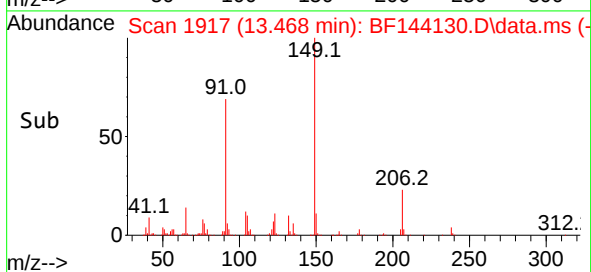
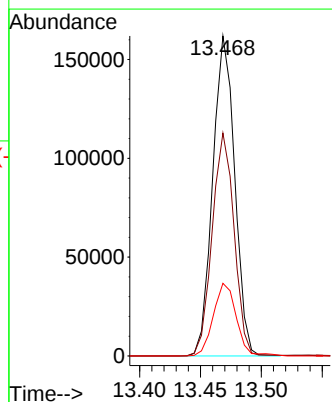
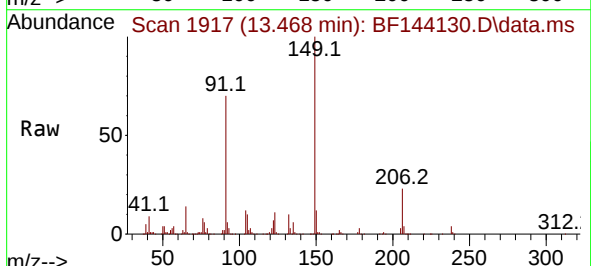
APPROVED

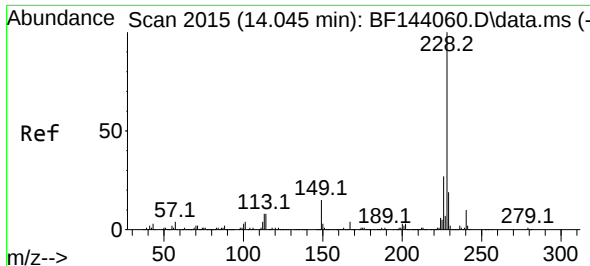
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025



#80
 Butylbenzylphthalate
 Concen: 53.993 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF144130.D
 Acq: 29 Oct 2025 16:02

Tgt Ion:149 Resp: 203404
 Ion Ratio Lower Upper
 149 100
 91 69.6 56.6 84.8
 206 22.7 18.3 27.5





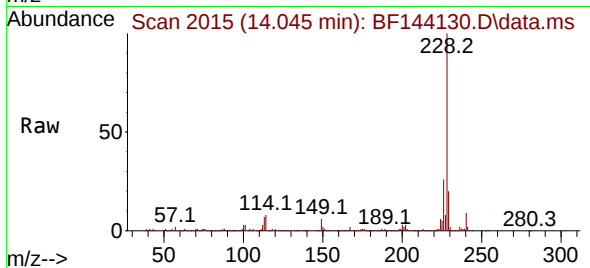
#81
Benzo(a)anthracene
Concen: 58.838 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS



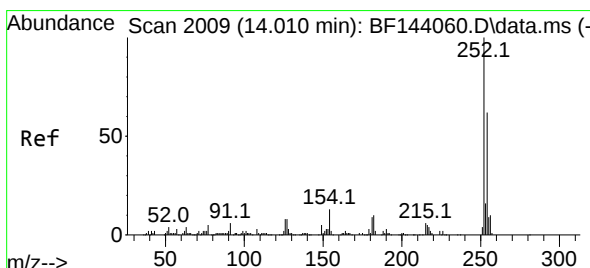
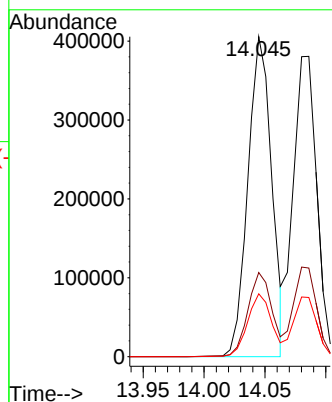
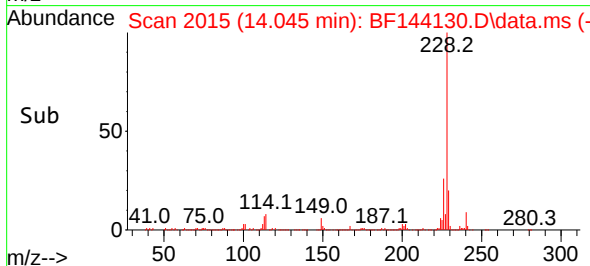
Tgt Ion:228 Resp: 550758
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.2
229 19.6 15.3 22.9

Manual Integrations

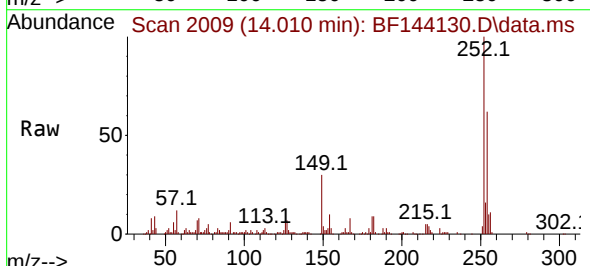
APPROVED

Reviewed By :Rahul Chavli 10/30/2025

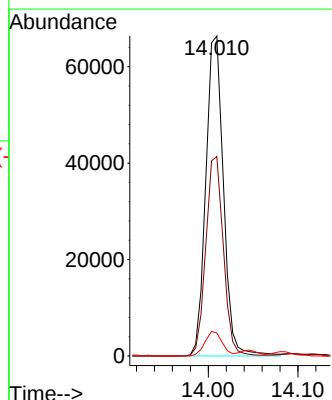
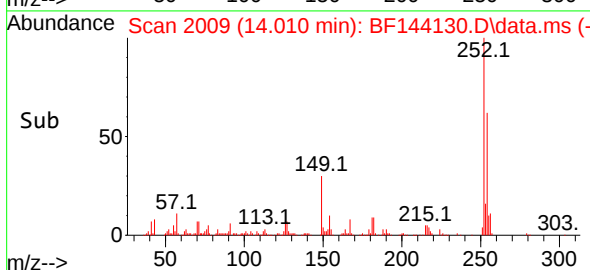
Supervised By :Jagrut Upadhyay 10/30/2025

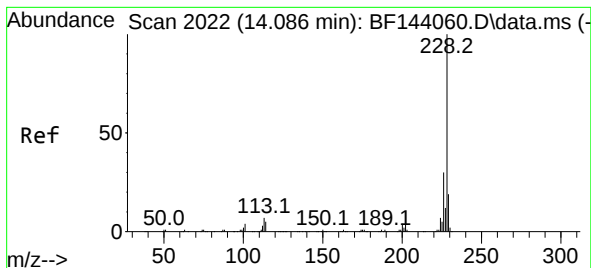


#82
3,3'-Dichlorobenzidine
Concen: 27.866 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



Tgt Ion:252 Resp: 90799
Ion Ratio Lower Upper
252 100
254 62.3 49.9 74.9
126 7.2 6.5 9.7





#83

Chrysene

Concen: 57.944 ng

RT: 14.086 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS

Tgt Ion:228 Resp: 508980

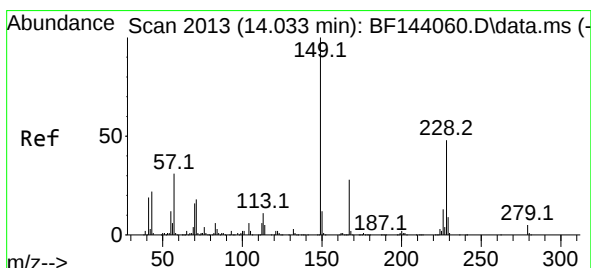
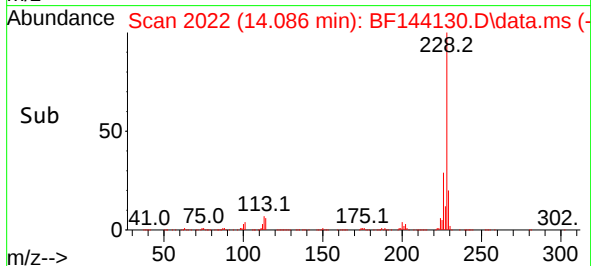
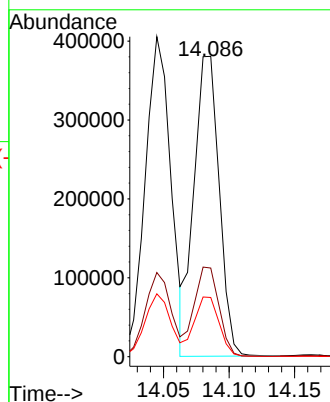
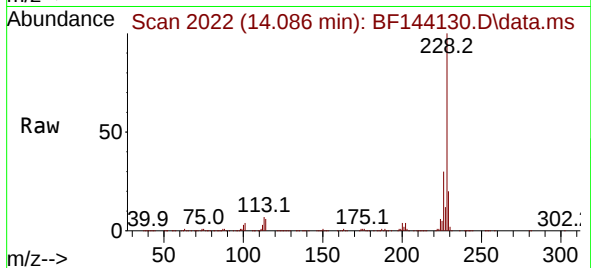
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	19.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.661 ng

RT: 14.027 min Scan# 2012

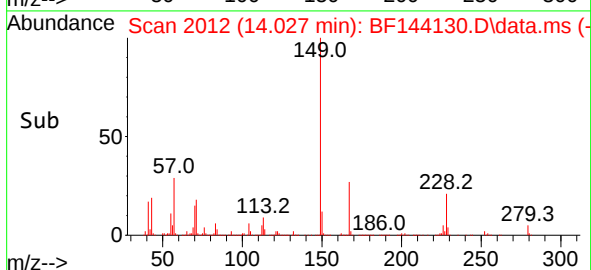
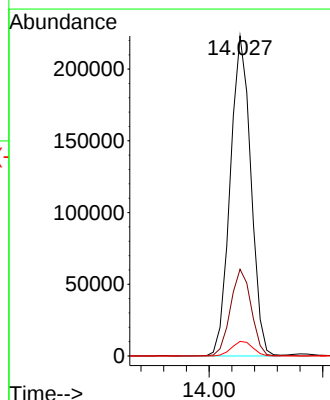
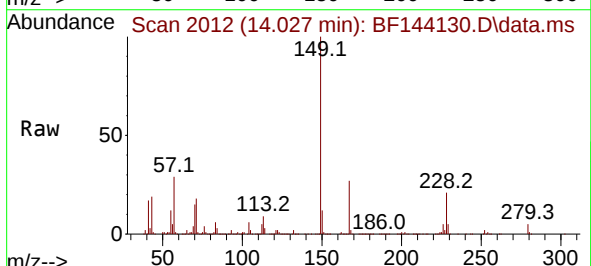
Delta R.T. -0.006 min

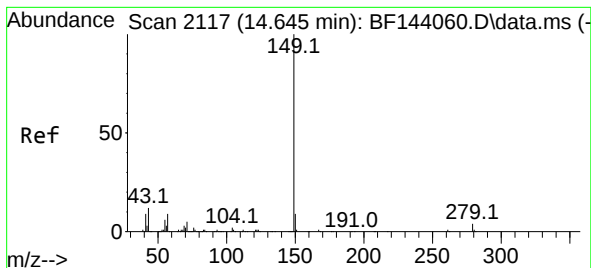
Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Tgt Ion:149 Resp: 281119

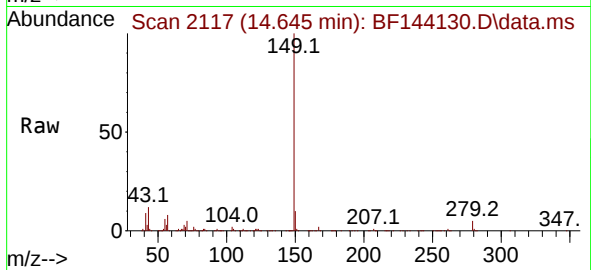
Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.5	33.7
279	4.6	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 57.549 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

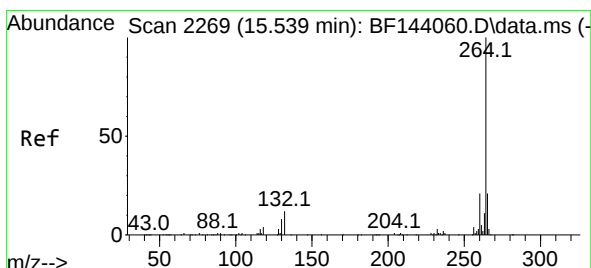
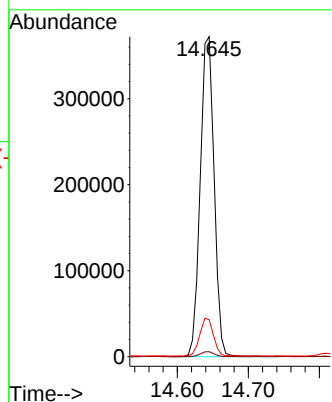
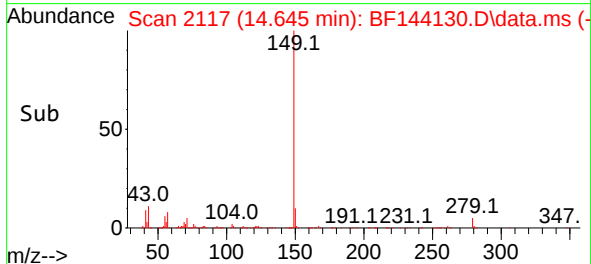
Instrument :
BNA_F
ClientSampleId :
TP-13MS



Tgt Ion:149 Resp: 508989
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.3 13.9

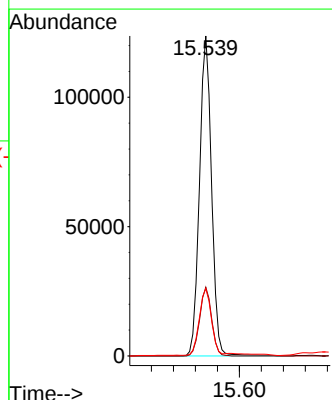
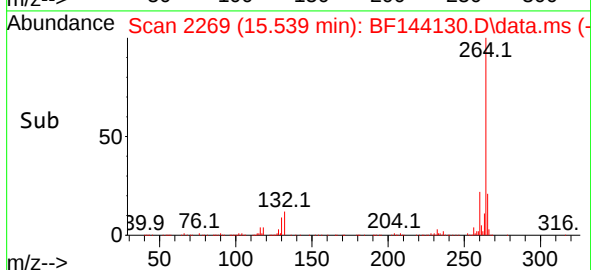
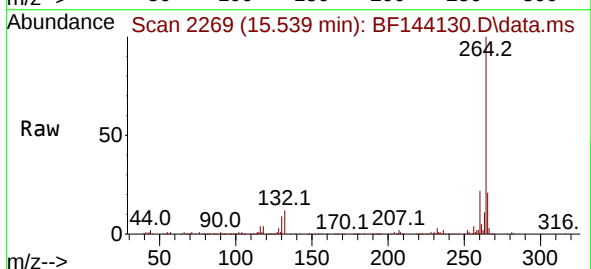
Manual Integrations
APPROVED

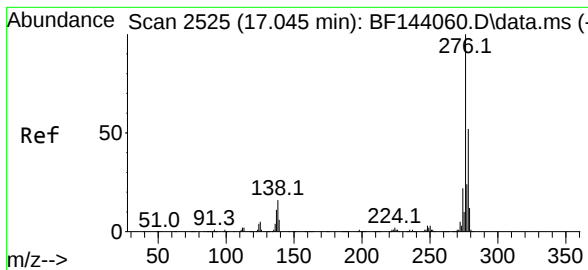
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

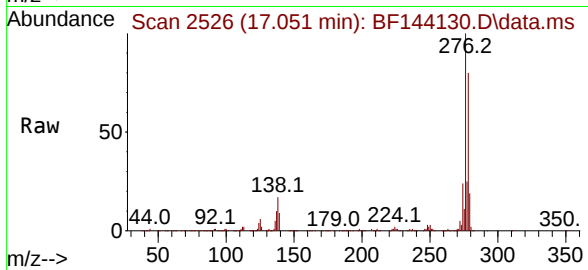
Tgt Ion:264 Resp: 188620
Ion Ratio Lower Upper
264 100
260 21.5 17.0 25.4
265 21.0 16.6 24.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.319 ng
 RT: 17.051 min Scan# 2195
 Delta R.T. 0.006 min
 Lab File: BF144130.D
 Acq: 29 Oct 2025 16:02

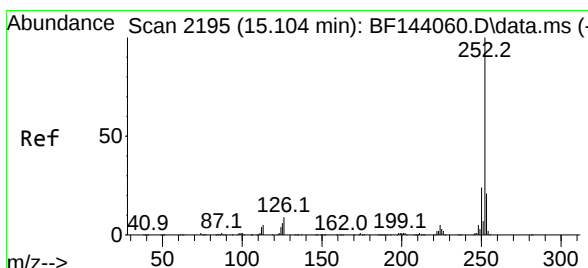
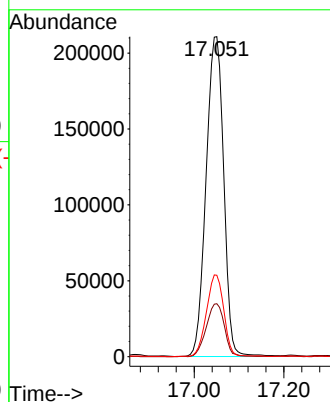
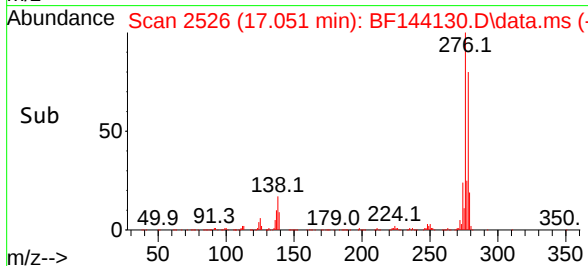
Instrument :
 BNA_F
 ClientSampleId :
 TP-13MS



Tgt Ion:276 Resp: 573919
 Ion Ratio Lower Upper
 276 100
 138 17.2 13.0 19.6
 277 25.2 19.4 29.0

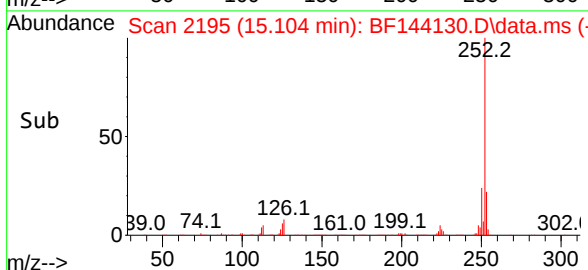
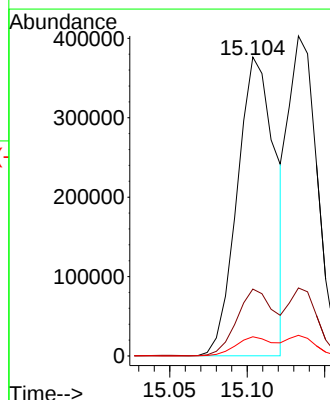
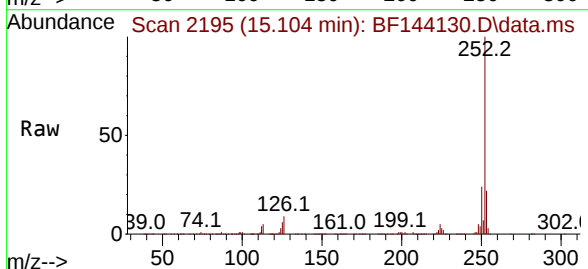
Manual Integrations
 APPROVED

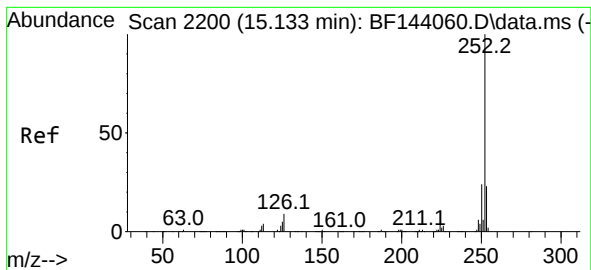
Reviewed By :Rahul Chavli 10/30/2025
 Supervised By :Jagrut Upadhyay 10/30/2025



#88
 Benzo(b)fluoranthene
 Concen: 60.147 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: BF144130.D
 Acq: 29 Oct 2025 16:02

Tgt Ion:252 Resp: 641370
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.2 25.8
 125 6.4 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 52.878 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

Instrument :

BNA_F

ClientSampleId :

TP-13MS

Tgt Ion:252 Resp: 520228

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

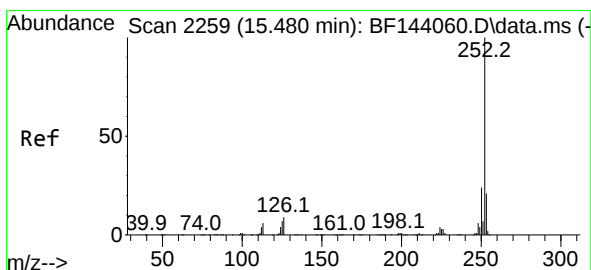
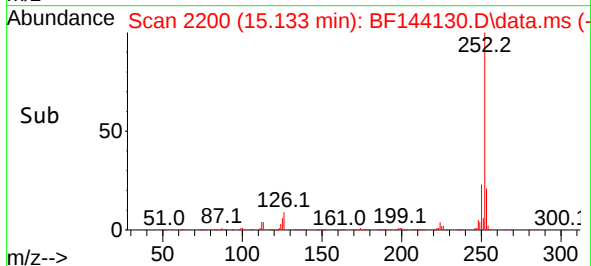
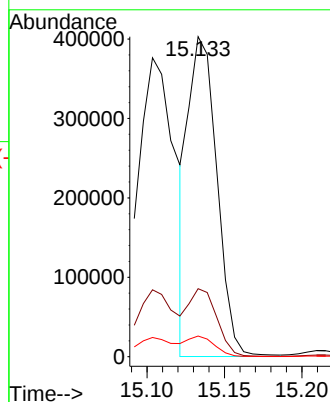
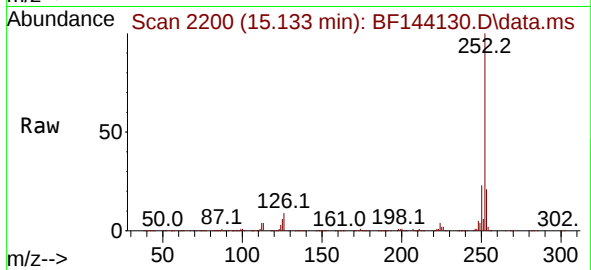
125 6.4 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/30/2025

Supervised By :Jagrut Upadhyay 10/30/2025



#90

Benzo(a)pyrene

Concen: 59.398 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.000 min

Lab File: BF144130.D

Acq: 29 Oct 2025 16:02

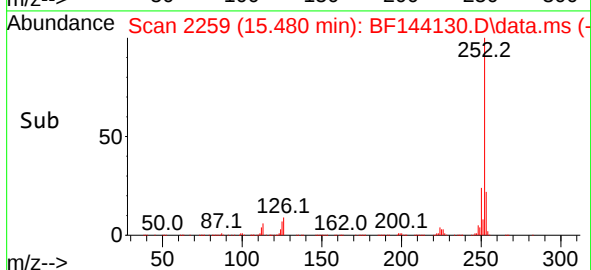
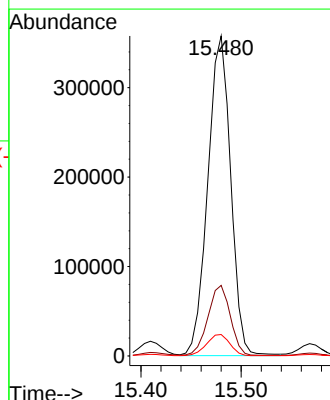
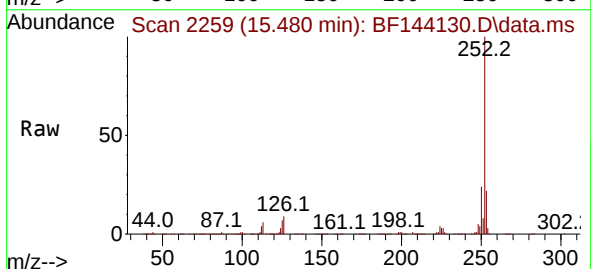
Tgt Ion:252 Resp: 568220

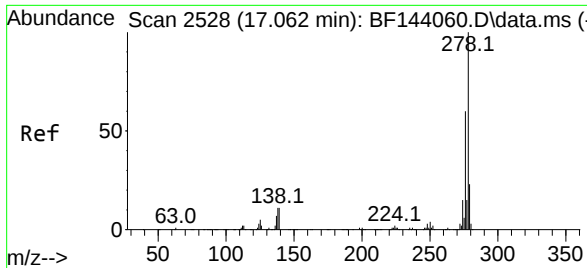
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

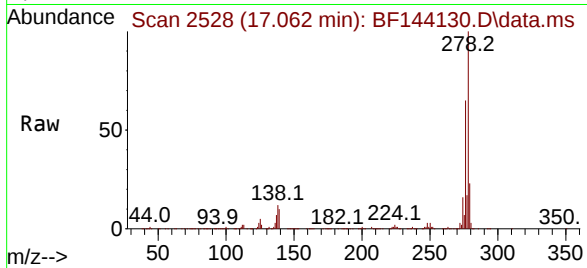
125 6.7 5.4 8.2





#91
Dibenzo(a,h)anthracene
Concen: 44.556 ng
RT: 17.062 min Scan# 2528
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02

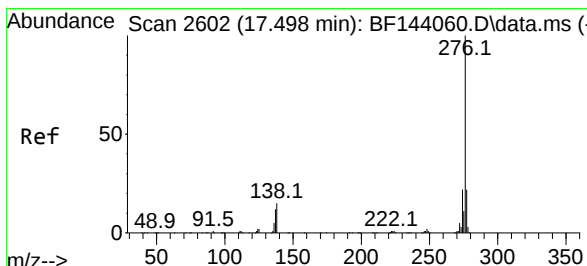
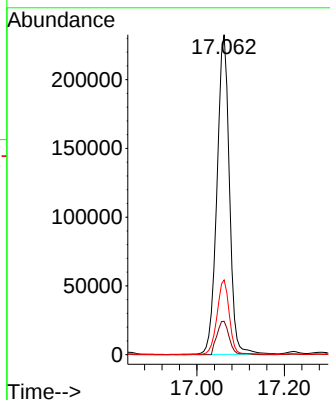
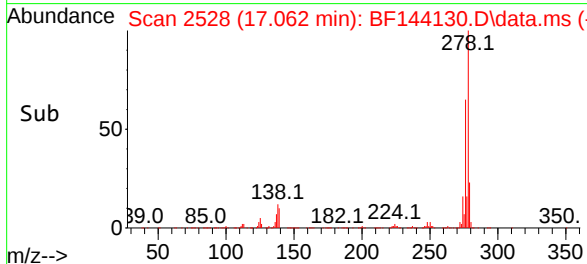
Instrument :
BNA_F
ClientSampleId :
TP-13MS



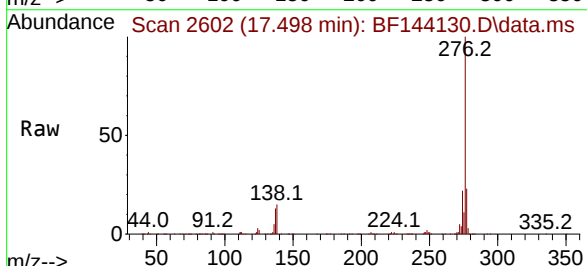
Tgt Ion:278 Resp: 45673
Ion Ratio Lower Upper
278 100
139 10.5 8.5 12.7
279 23.3 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025



#92
Benzo(g,h,i)perylene
Concen: 40.632 ng
RT: 17.498 min Scan# 2602
Delta R.T. -0.000 min
Lab File: BF144130.D
Acq: 29 Oct 2025 16:02



Tgt Ion:276 Resp: 418759
Ion Ratio Lower Upper
276 100
277 23.2 17.9 26.9
138 15.5 12.0 18.0

