

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141160.D
 Acq On : 14 Jan 2025 21:42
 Operator : RC/JU
 Sample : Q1068-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MSD

Quant Time: Jan 15 00:15:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	138181	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	515917	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	250445	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	380343	20.000	ng	0.00
76) Chrysene-d12	13.992	240	290730	20.000	ng	0.00
86) Perylene-d12	15.445	264	246582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	710203	79.398	ng	0.00
7) Phenol-d6	6.445	99	1045653	92.286	ng	0.00
23) Nitrobenzene-d5	7.380	82	679986	69.866	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	120336	42.169	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1233532	75.212	ng	0.00
79) Terphenyl-d14	12.933	244	1186539	60.660	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	105440	26.471	ng	98
3) Pyridine	3.328	79	263315	26.957	ng	97
4) n-Nitrosodimethylamine	3.275	42	151295	31.677	ng	99
6) Aniline	6.481	93	201870	20.067	ng	95
8) 2-Chlorophenol	6.604	128	307433	32.035	ng	97
9) Benzaldehyde	6.369	77	43653	6.541	ng	98
10) Phenol	6.463	94	400715	33.038	ng	97
11) bis(2-Chloroethyl)ether	6.557	93	311820	34.497	ng	97
12) 1,3-Dichlorobenzene	6.763	146	332076	31.025	ng	99
13) 1,4-Dichlorobenzene	6.839	146	337133	31.257	ng	99
14) 1,2-Dichlorobenzene	6.992	146	322455	32.050	ng	98
15) Benzyl Alcohol	6.957	79	287643	35.153	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	414024	32.824	ng	98
17) 2-Methylphenol	7.069	107	260592	33.634	ng	99
18) Hexachloroethane	7.333	117	110937	28.442	ng	98
19) n-Nitroso-di-n-propyla...	7.233	70	225561	33.795	ng	99
20) 3+4-Methylphenols	7.222	107	328554	33.612	ng	# 87
22) Acetophenone	7.228	105	435878	35.539	ng	97
24) Nitrobenzene	7.398	77	331424	32.673	ng	100
25) Isophorone	7.639	82	601015	36.134	ng	99
26) 2-Nitrophenol	7.716	139	105947	22.961	ng	97
27) 2,4-Dimethylphenol	7.751	122	255373	41.032	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	375237	35.948	ng	99
29) 2,4-Dichlorophenol	7.957	162	237802	32.171	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	277310	32.821	ng	99
31) Naphthalene	8.127	128	967471	35.559	ng	99
32) Benzoic acid	7.798	122	8161	1.367	ng	89
33) 4-Chloroaniline	8.169	127	177459	18.860	ng	99
34) Hexachlorobutadiene	8.245	225	171702	33.726	ng	99
35) Caprolactam	8.522	113	79145	32.704	ng	96
36) 4-Chloro-3-methylphenol	8.651	107	277559	34.334	ng	99
37) 2-Methylnaphthalene	8.816	142	618426	35.670	ng	100
38) 1-Methylnaphthalene	8.916	142	573735	33.578	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	273565	38.057	ng	99
41) Hexachlorocyclopentadiene	8.969	237	69850	29.701	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	96870	19.981	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	133061	25.988	ng	100
46) 1,1'-Biphenyl	9.280	154	734139	37.746	ng	99
47) 2-Chloronaphthalene	9.304	162	540596	35.686	ng	99
48) 2-Nitroaniline	9.398	65	171931	38.287	ng	98
49) Acenaphthylene	9.721	152	993645	45.910	ng	100
50) Dimethylphthalate	9.580	163	658818	39.184	ng	100
51) 2,6-Dinitrotoluene	9.639	165	131549	33.645	ng	94
52) Acenaphthene	9.892	154	534225	35.330	ng	99
53) 3-Nitroaniline	9.810	138	127093	31.987	ng	98
54) 2,4-Dinitrophenol	9.910	184	2716	1.461	ng	# 1
55) Dibenzofuran	10.063	168	743325	36.141	ng	99
56) 4-Nitrophenol	9.963	139	85333	27.423	ng	97
57) 2,4-Dinitrotoluene	10.039	165	166379	33.020	ng	98
58) Fluorene	10.404	166	586443	36.701	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	62364	14.653	ng	100
60) Diethylphthalate	10.280	149	618100	37.657	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	278109	35.710	ng	99
62) 4-Nitroaniline	10.416	138	136974	35.222	ng	97
63) Azobenzene	10.563	77	614753	37.957	ng	93
65) 4,6-Dinitro-2-methylph...	10.445	198	5417m	2.458	ng	
66) n-Nitrosodiphenylamine	10.516	169	500146	40.769	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	172968	39.500	ng	100
68) Hexachlorobenzene	10.957	284	181320	37.198	ng	99
69) Atrazine	11.045	200	169431	51.293	ng	99
70) Pentachlorophenol	11.145	266	84188	26.969	ng	98
71) Phenanthrene	11.368	178	917953	44.955	ng	100
72) Anthracene	11.421	178	940668	47.377	ng	100
73) Carbazole	11.574	167	702303	38.576	ng	100
74) Di-n-butylphthalate	11.910	149	889610	42.698	ng	100
75) Fluoranthene	12.562	202	1056993	51.873	ng	98
77) Benzidine	12.680	184	185251	34.360	ng	97
78) Pyrene	12.792	202	1247719	44.933	ng	99
80) Butylbenzylphthalate	13.409	149	346851	37.464	ng	99
81) Benzo(a)anthracene	13.980	228	910314	46.008	ng	94
82) 3,3'-Dichlorobenzidine	13.939	252	163939	26.021	ng	98
83) Chrysene	14.015	228	803945	43.425	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	478921	43.113	ng	99
85) Di-n-octyl phthalate	14.586	149	784314	46.756	ng	99
87) Indeno(1,2,3-cd)pyrene	16.903	276	692133	38.313	ng	96
88) Benzo(b)fluoranthene	15.027	252	848840	53.385	ng	99
89) Benzo(k)fluoranthene	15.051	252	597831m	44.491	ng	
90) Benzo(a)pyrene	15.386	252	756476	57.664	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	453193	31.017	ng	98
92) Benzo(g,h,i)perylene	17.345	276	605763	39.858	ng	99

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

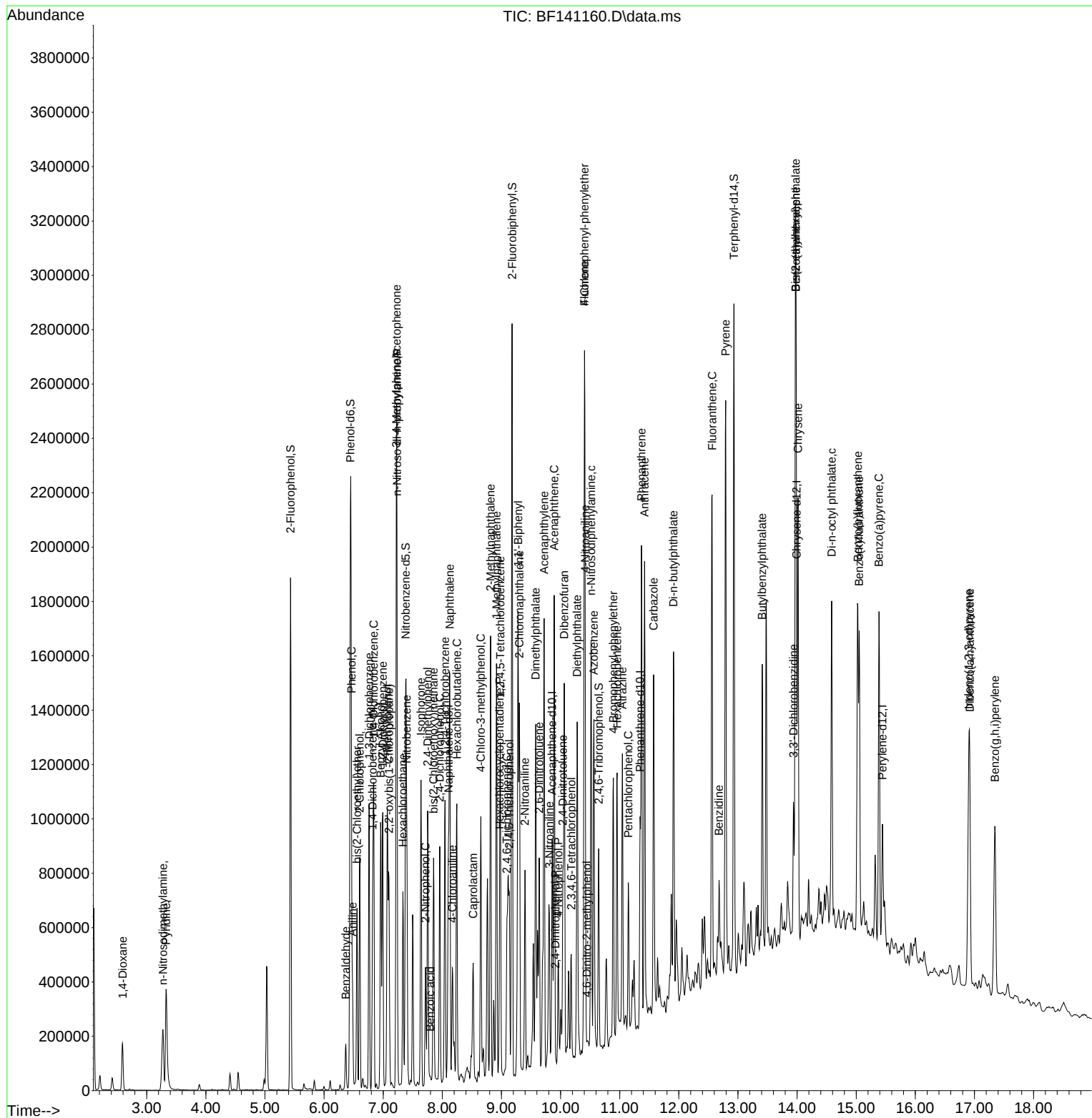
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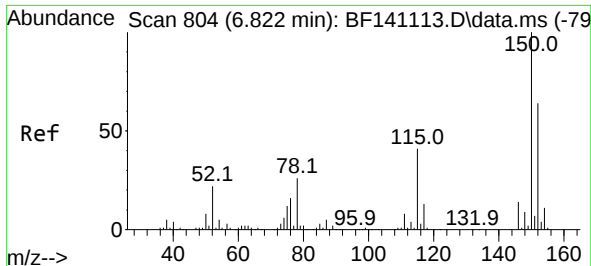
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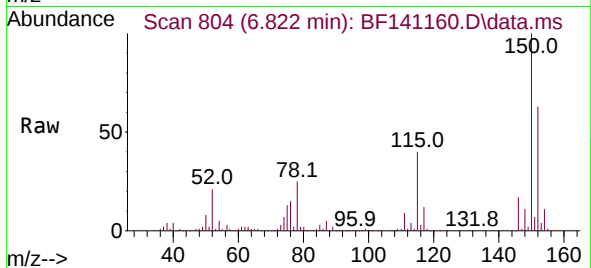
Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

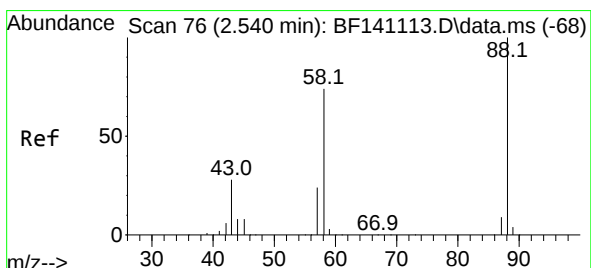
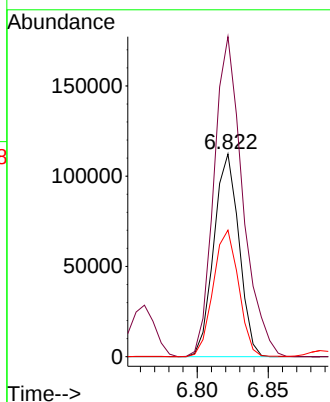
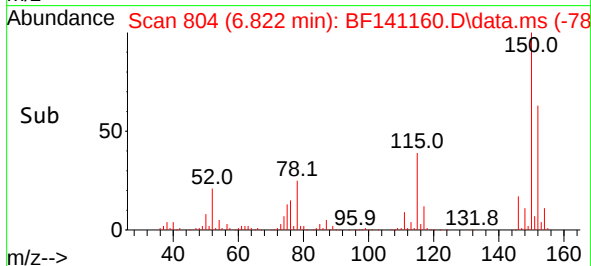
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion:152 Resp: 13818
Ion Ratio Lower Upper
152 100
150 157.9 125.8 188.8
115 62.5 51.4 77.2

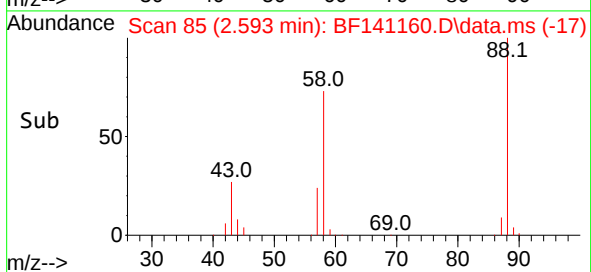
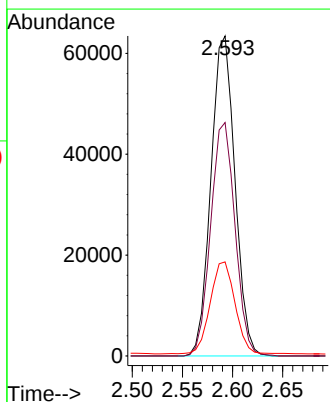
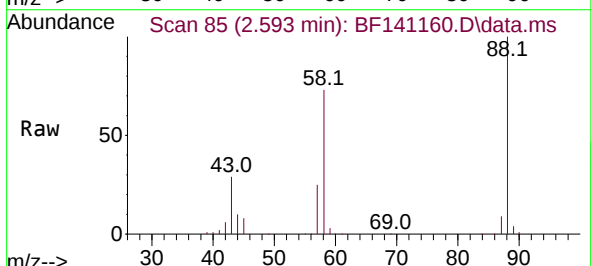
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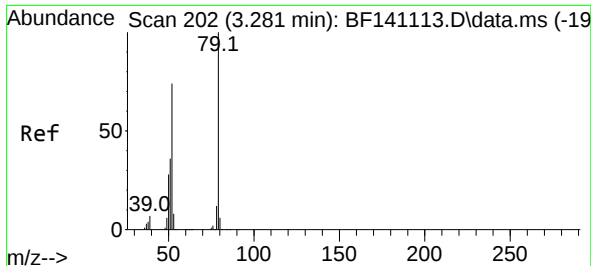
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#2
1,4-Dioxane
Concen: 26.471 ng
RT: 2.593 min Scan# 85
Delta R.T. 0.053 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

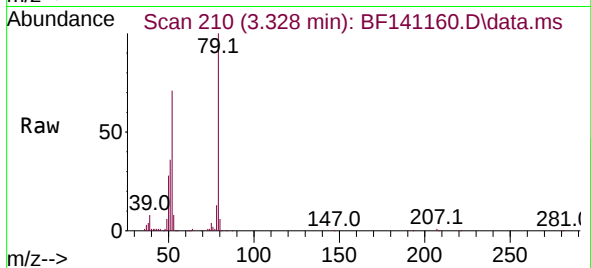
Tgt Ion: 88 Resp: 105440
Ion Ratio Lower Upper
88 100
58 73.9 60.1 90.1
43 30.0 23.1 34.7





#3
Pyridine
Concen: 26.957 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

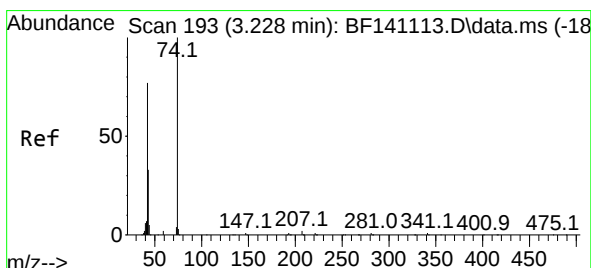
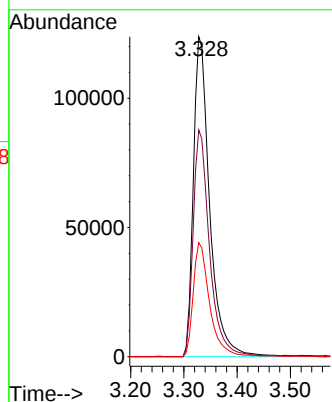
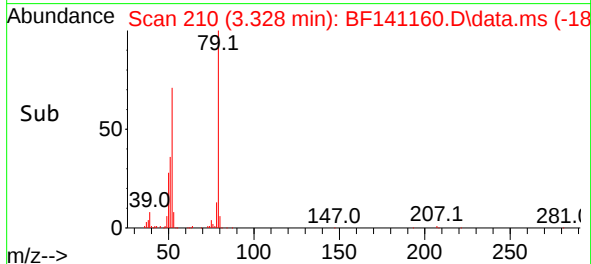
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



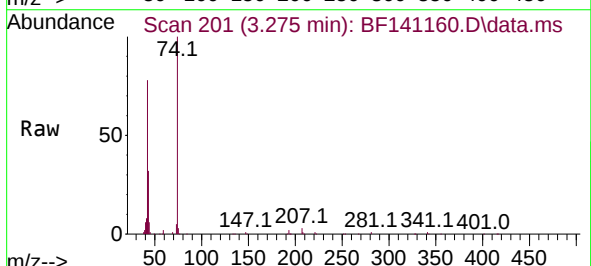
Tgt Ion: 79 Resp: 263315
Ion Ratio Lower Upper
79 100
52 70.9 58.9 88.3
51 35.6 29.1 43.7

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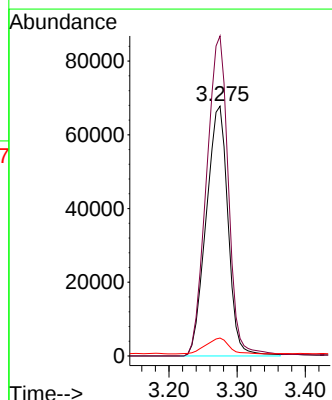
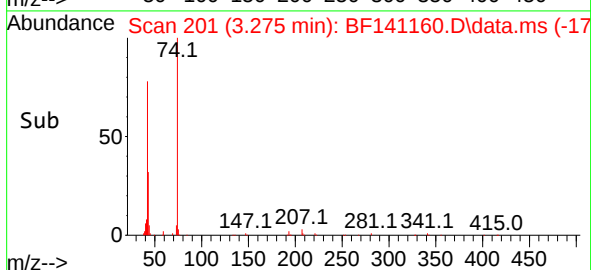
Reviewed By :Yogesh Patel 01/15/2025
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#4
n-Nitrosodimethylamine
Concen: 31.677 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.047 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42



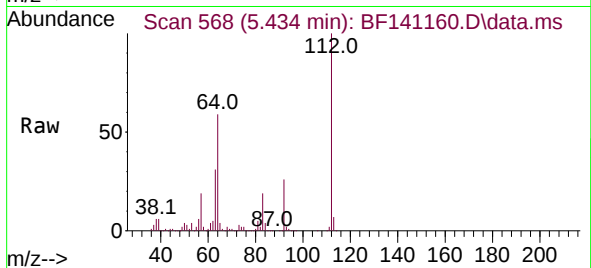
Tgt Ion: 42 Resp: 151295
Ion Ratio Lower Upper
42 100
74 128.1 103.8 155.6
44 7.2 5.3 7.9





#5
2-Fluorophenol
Concen: 79.398 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

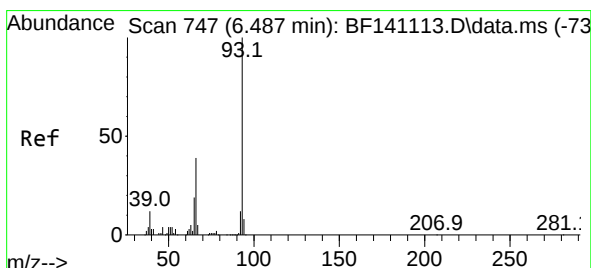
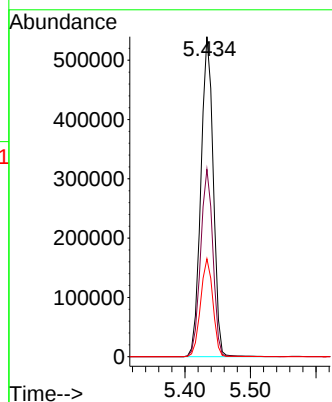
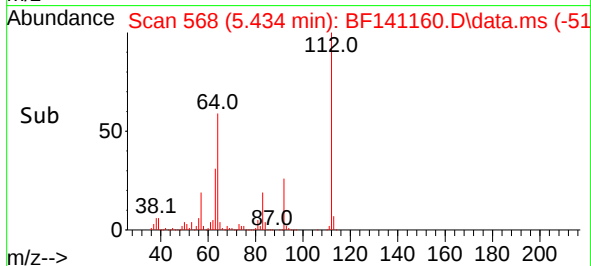
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion: 112 Resp: 71020
Ion Ratio Lower Upper
112 100
64 58.5 47.3 70.9
63 30.6 24.2 36.2

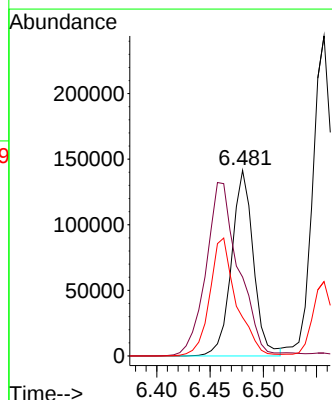
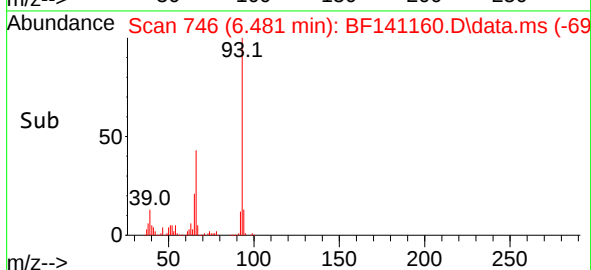
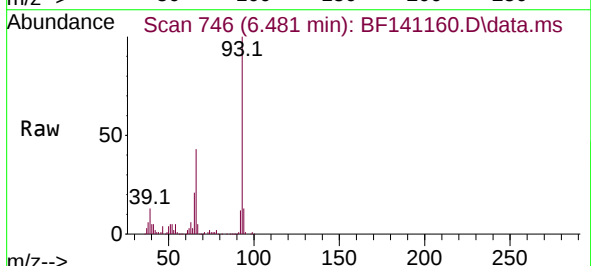
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#6
Aniline
Concen: 20.067 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

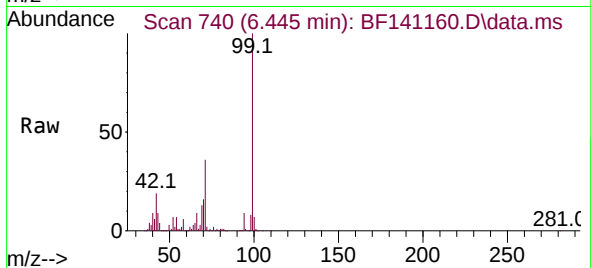
Tgt Ion: 93 Resp: 201870
Ion Ratio Lower Upper
93 100
66 42.5 31.5 47.3
65 20.8 15.3 22.9





#7
Phenol-d6
Concen: 92.286 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

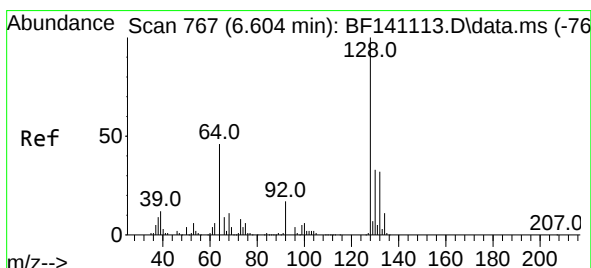
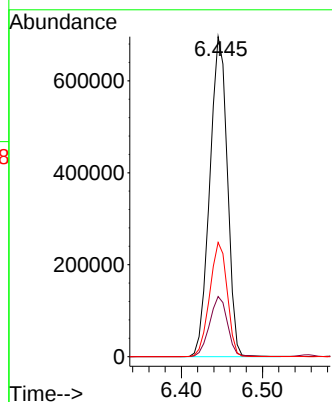
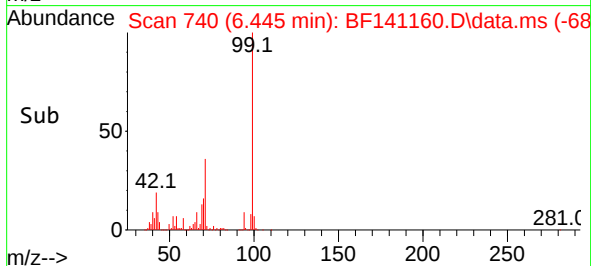
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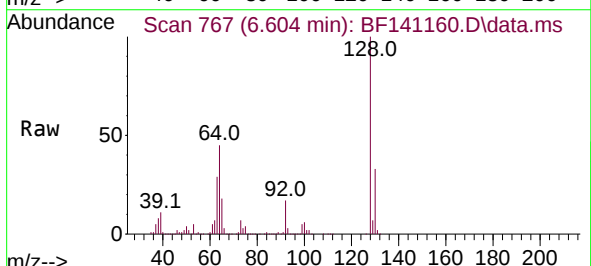
Tgt Ion: 99 Resp: 104565
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 35.7 27.6 41.4

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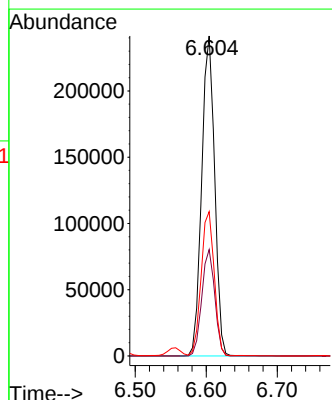
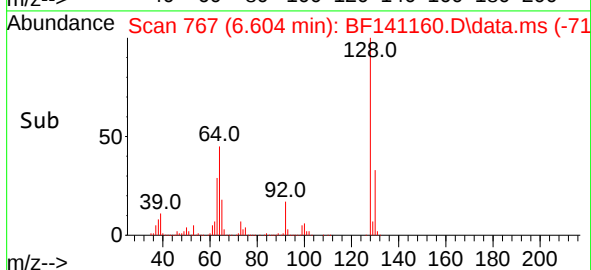
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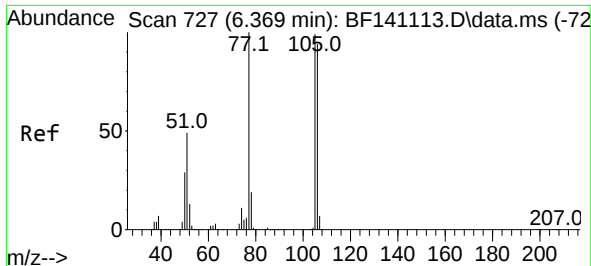


#8
2-Chlorophenol
Concen: 32.035 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42



Tgt Ion:128 Resp: 307433
Ion Ratio Lower Upper
128 100
130 33.3 12.5 52.5
64 45.1 28.3 68.3





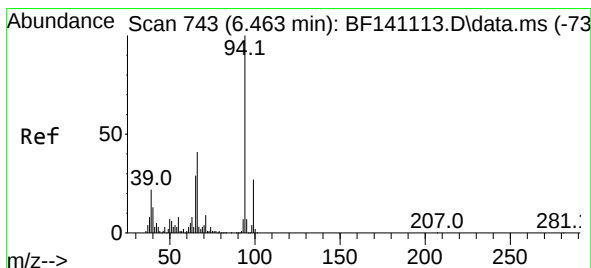
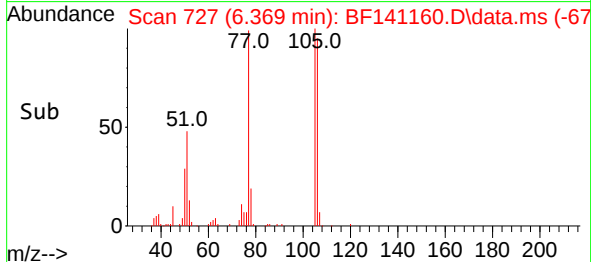
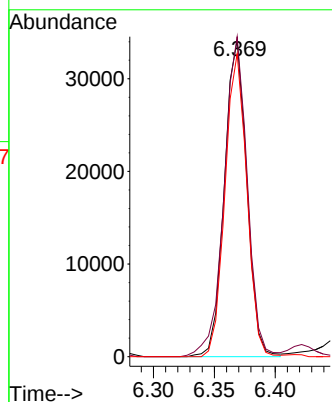
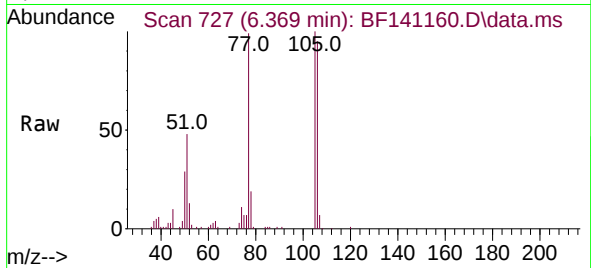
#9
Benzaldehyde
Concen: 6.541 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion: 77 Resp: 4365
Ion Ratio Lower Upper
77 100
105 101.2 78.9 118.9
106 95.9 73.6 113.6

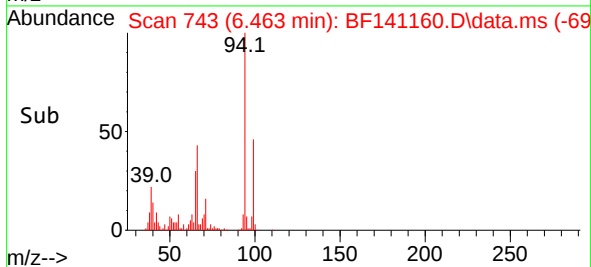
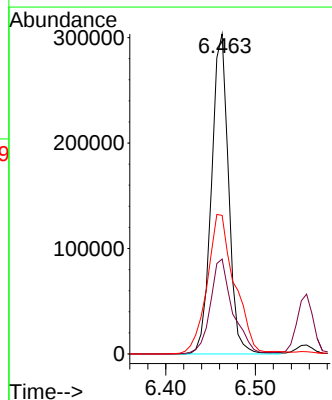
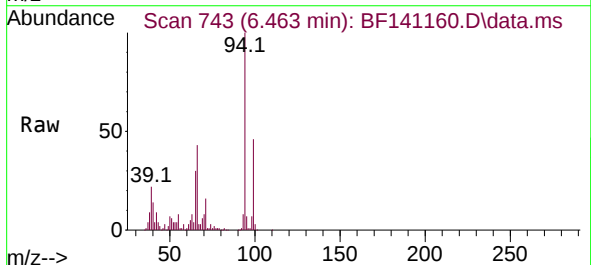
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#10
Phenol
Concen: 33.038 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Tgt Ion: 94 Resp: 400715
Ion Ratio Lower Upper
94 100
65 29.6 8.9 48.9
66 43.3 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 34.497 ng

RT: 6.557 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF141160.D

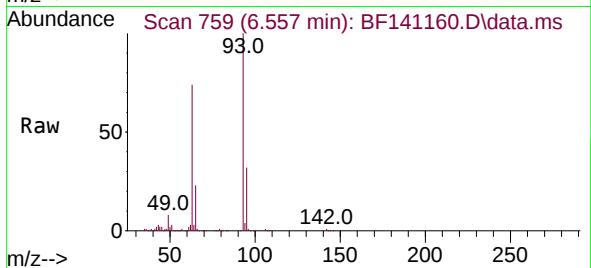
Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD



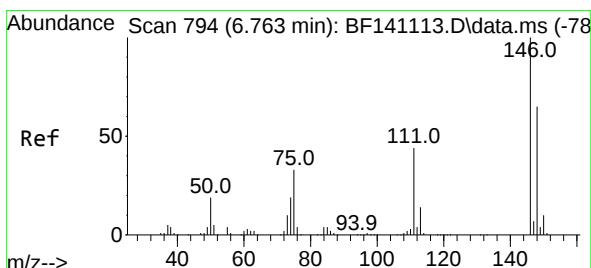
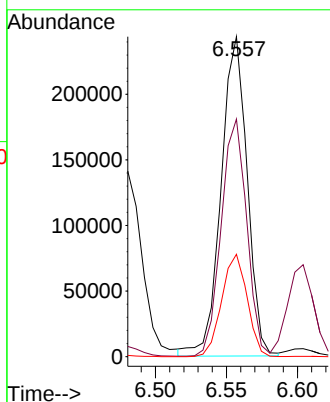
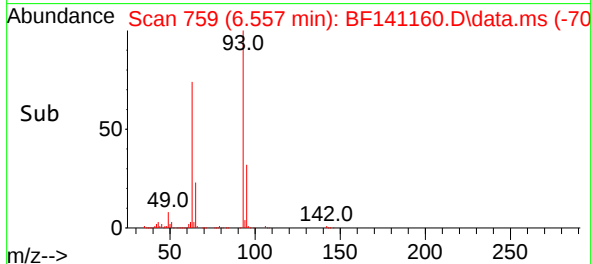
Tgt Ion: 93	Resp: 311820
Ion Ratio	Lower Upper
93	100
63	74.3 58.0 98.0
95	32.0 12.5 52.5

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#12

1,3-Dichlorobenzene

Concen: 31.025 ng

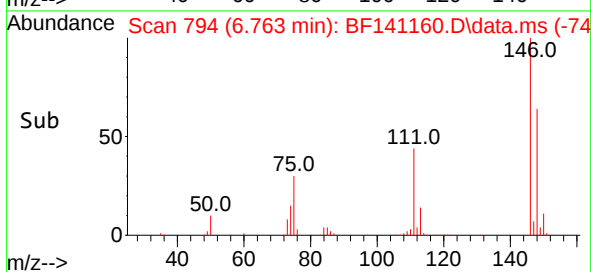
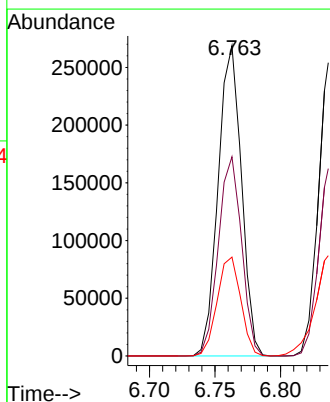
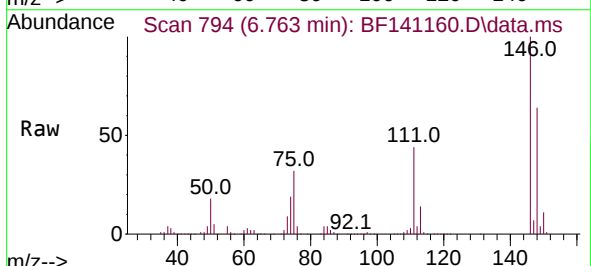
RT: 6.763 min Scan# 794

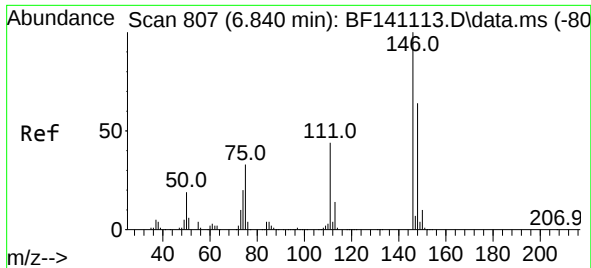
Delta R.T. -0.000 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Tgt Ion:146	Resp: 332076
Ion Ratio	Lower Upper
146	100
148	64.2 51.6 77.4
75	31.9 26.2 39.2





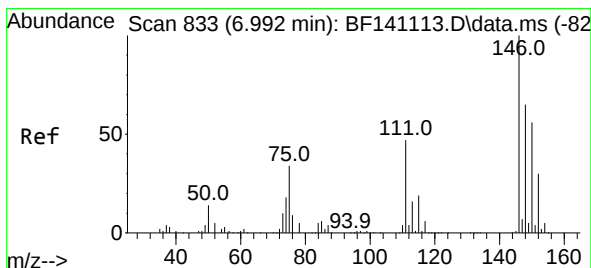
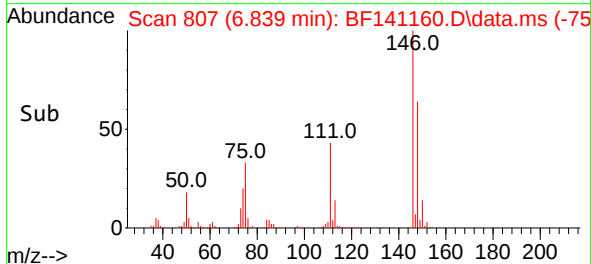
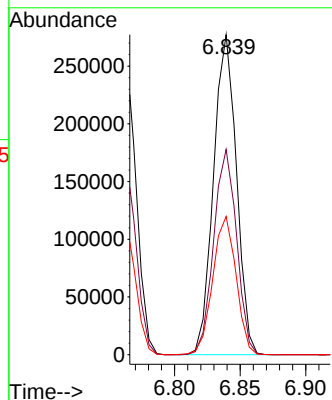
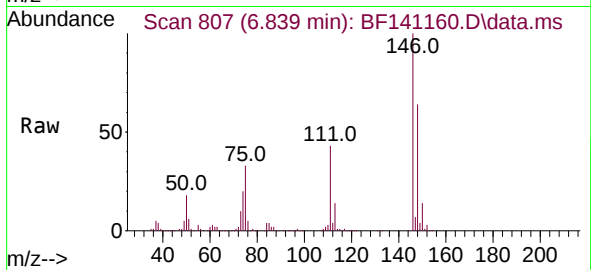
#13
1,4-Dichlorobenzene
Concen: 31.257 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion:146 Resp: 337133
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 43.2 34.9 52.3

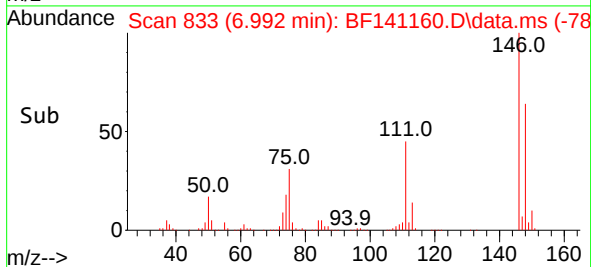
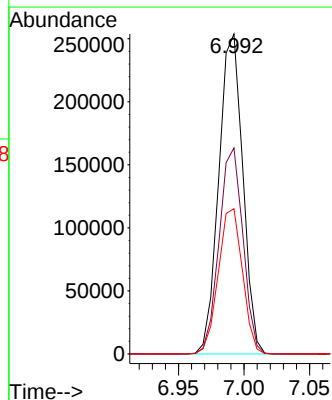
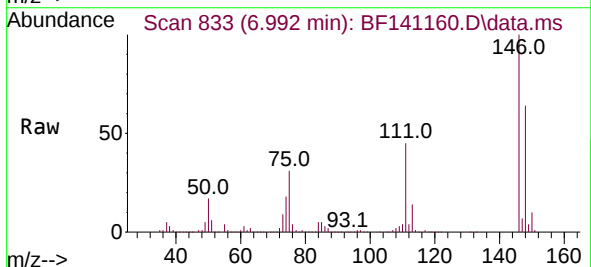
Manual Integrations
APPROVED

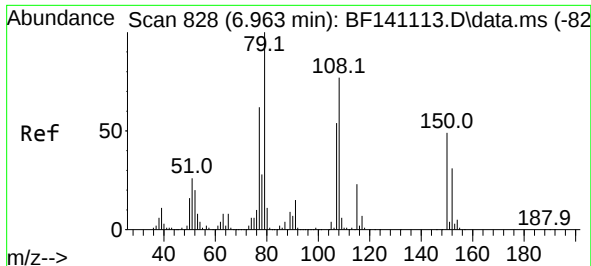
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#14
1,2-Dichlorobenzene
Concen: 32.050 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

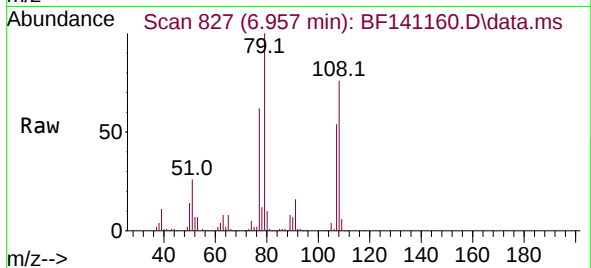
Tgt Ion:146 Resp: 322455
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.4
111 45.4 37.5 56.3





#15
Benzyl Alcohol
Concen: 35.153 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

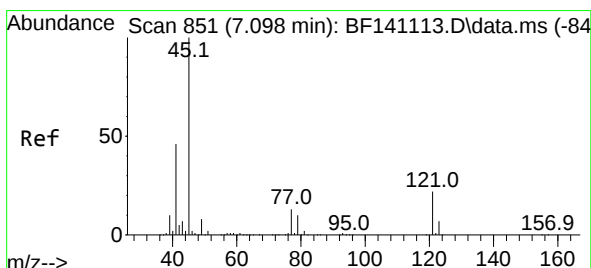
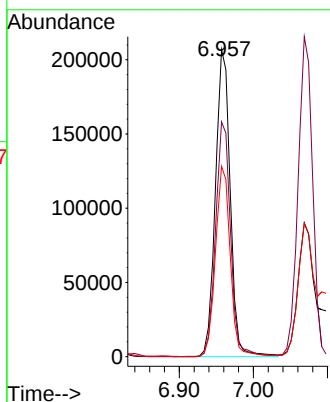
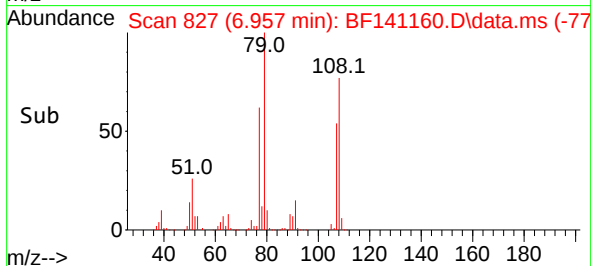
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion: 79 Resp: 28764
Ion Ratio Lower Upper
79 100
108 76.5 61.4 92.0
77 62.0 49.8 74.6

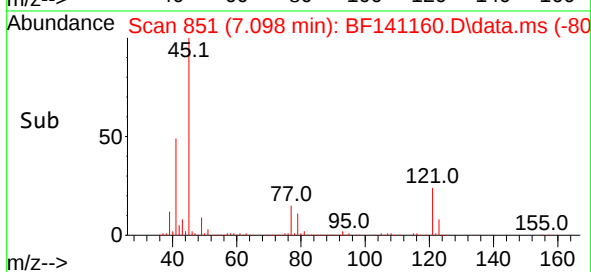
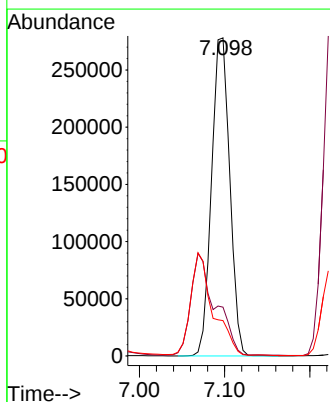
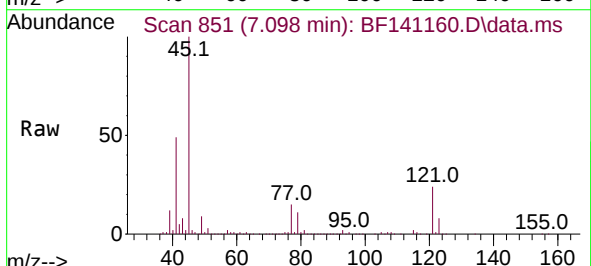
Manual Integrations
APPROVED

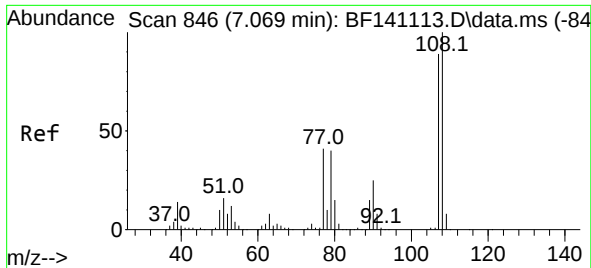
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.824 ng
RT: 7.098 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

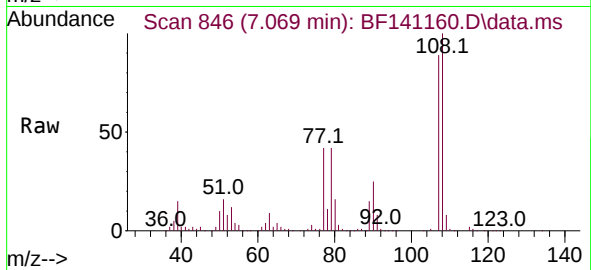
Tgt Ion: 45 Resp: 414024
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.1
79 11.1 0.0 31.0





#17
2-Methylphenol
Concen: 33.634 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

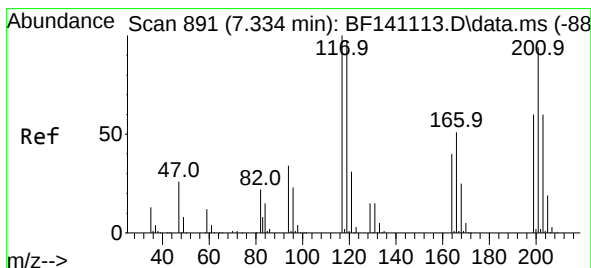
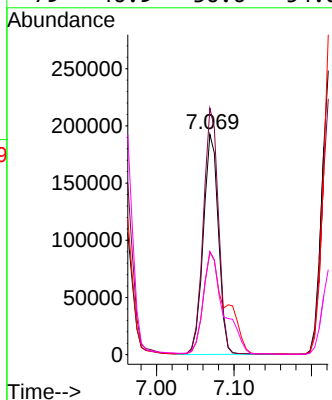
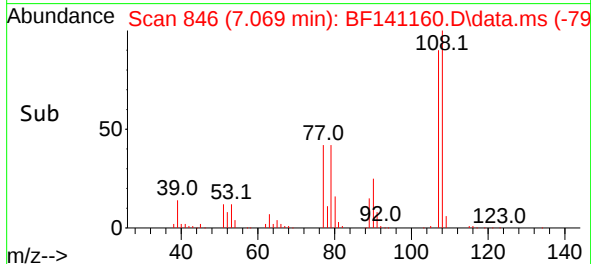
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion:107 Resp: 260592
Ion Ratio Lower Upper
107 100
108 111.9 90.1 135.1
77 46.5 36.6 55.0
79 46.9 36.6 54.8

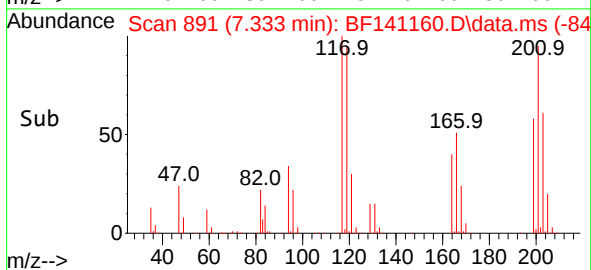
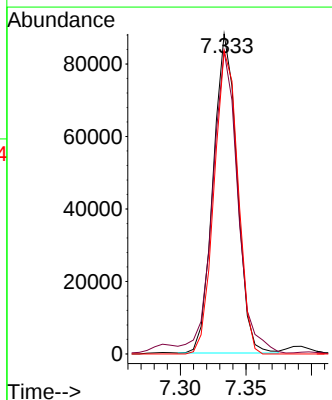
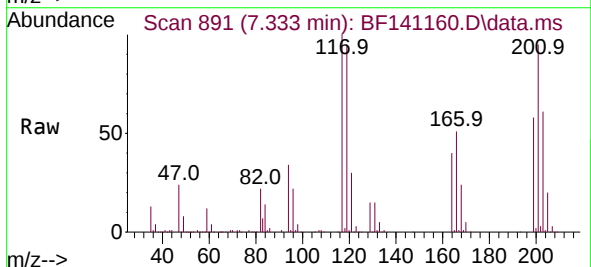
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#18
Hexachloroethane
Concen: 28.442 ng
RT: 7.333 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

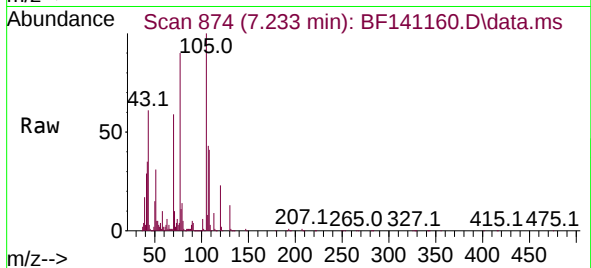
Tgt Ion:117 Resp: 110937
Ion Ratio Lower Upper
117 100
119 94.6 77.6 116.4
201 94.8 75.1 112.7





#19
n-Nitroso-di-n-propylamine
Concen: 33.795 ng
RT: 7.233 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

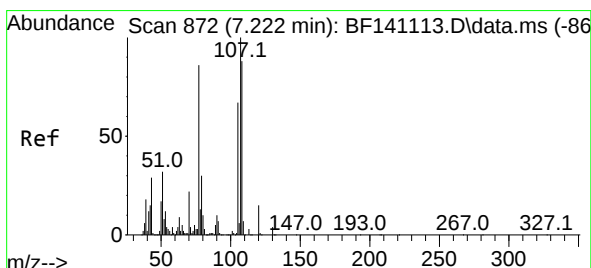
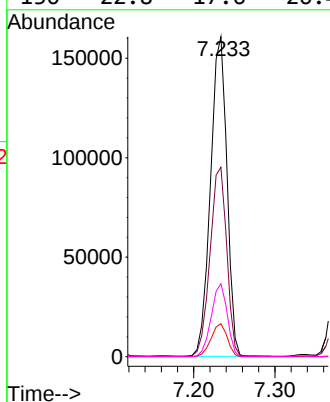
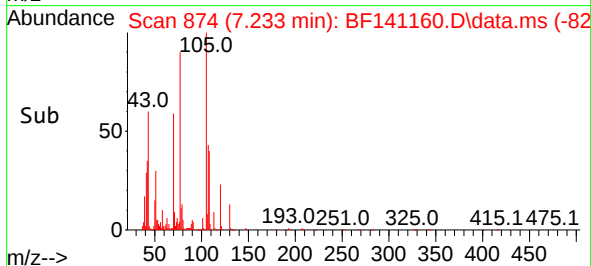
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion: 70 Resp: 22556
Ion Ratio Lower Upper
70 100
42 59.2 47.8 71.6
101 10.3 7.9 11.9
130 22.8 17.6 26.4

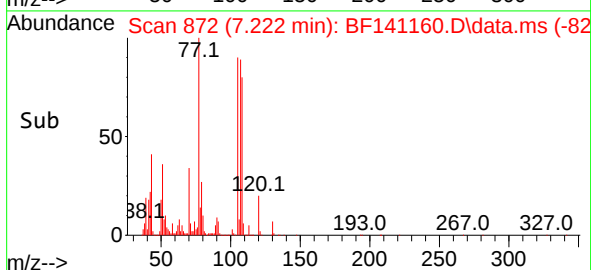
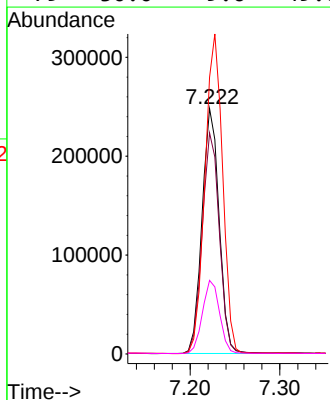
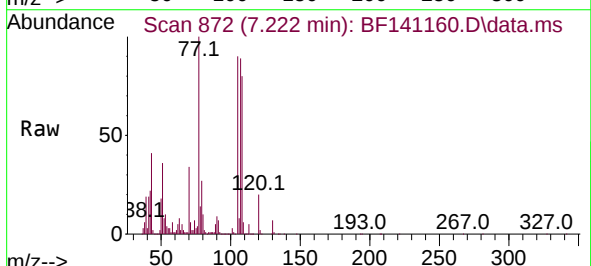
Manual Integrations
APPROVED

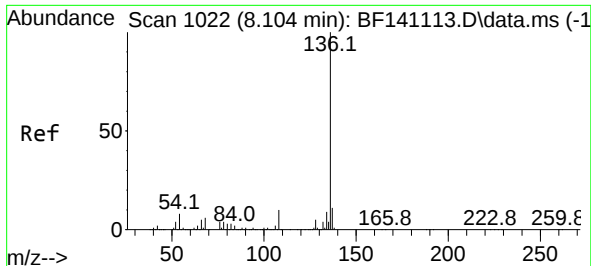
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#20
3+4-Methylphenols
Concen: 33.612 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

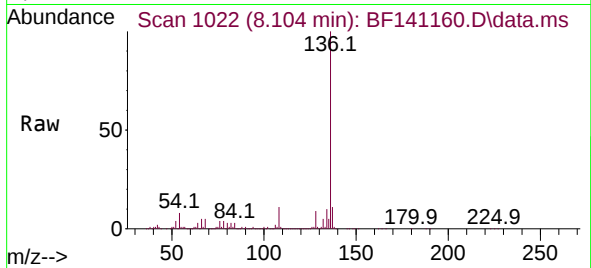
Tgt Ion:107 Resp: 328554
Ion Ratio Lower Upper
107 100
108 90.1 68.3 108.3
77 112.7 66.4 106.4#
79 30.0 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

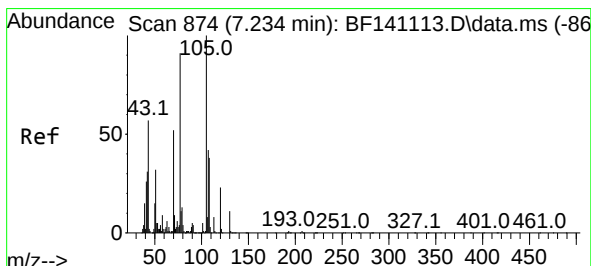
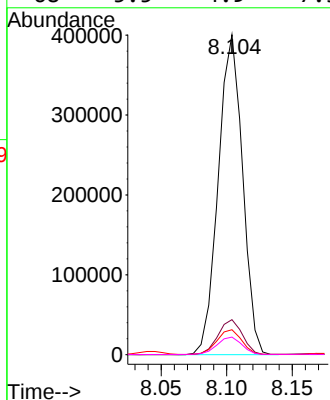
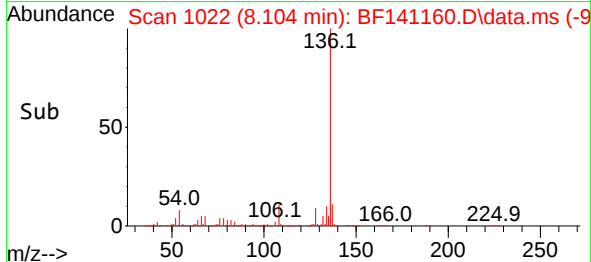
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion:	136	Resp:	51591
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.8	6.3	9.5
68	5.5	4.9	7.3

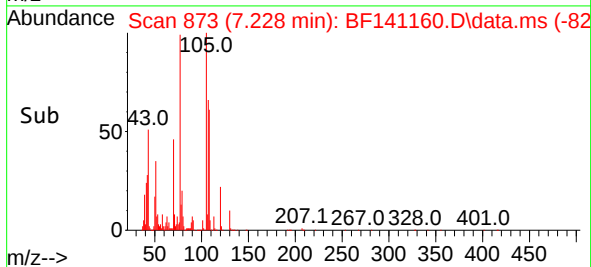
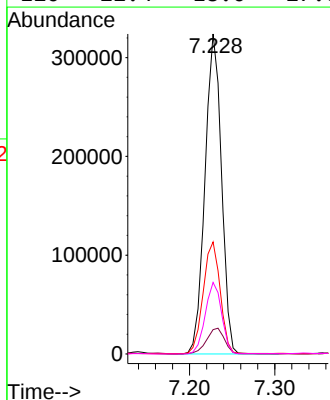
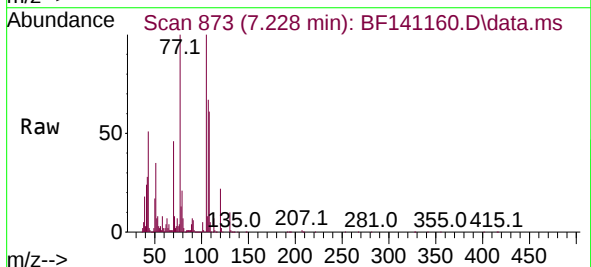
Manual Integrations
APPROVED

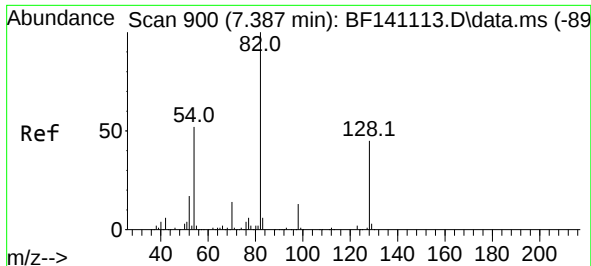
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#22
Acetophenone
Concen: 35.539 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Tgt Ion:	105	Resp:	435878
Ion Ratio	Lower	Upper	
105	100		
71	7.6	7.1	10.7
51	35.0	25.4	38.2
120	22.4	18.0	27.0





#23

Nitrobenzene-d5

Concen: 69.866 ng

RT: 7.380 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

ClientSampleId :

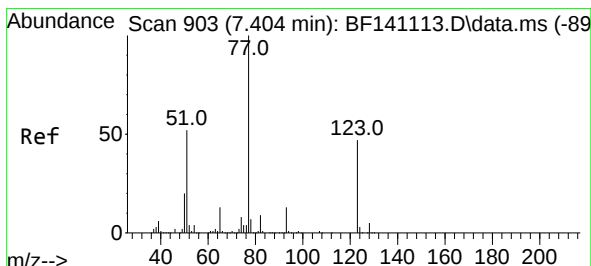
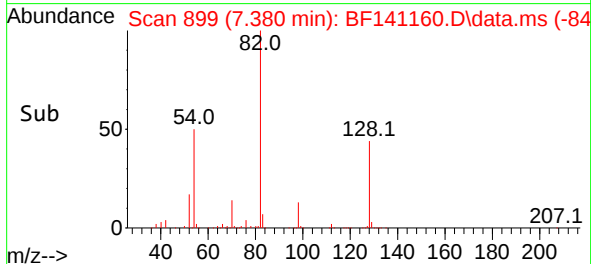
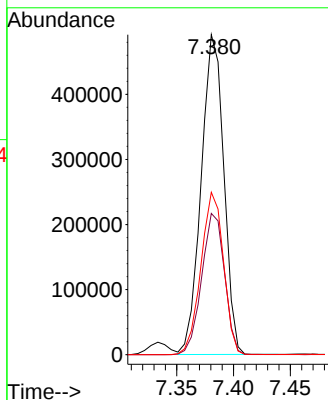
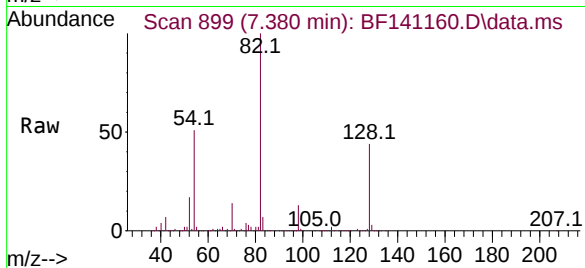
TR-06-1-10-2025MSD

Tgt Ion: 82 Resp: 679980
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 50.7 41.0 61.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025



#24

Nitrobenzene

Concen: 32.673 ng

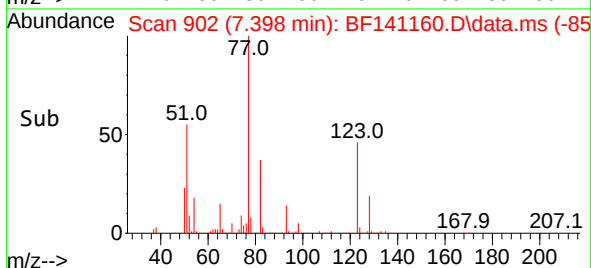
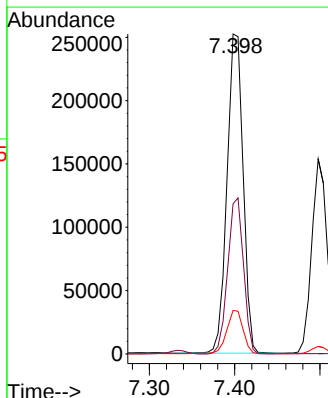
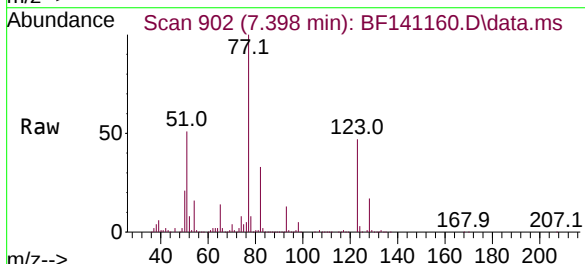
RT: 7.398 min Scan# 902

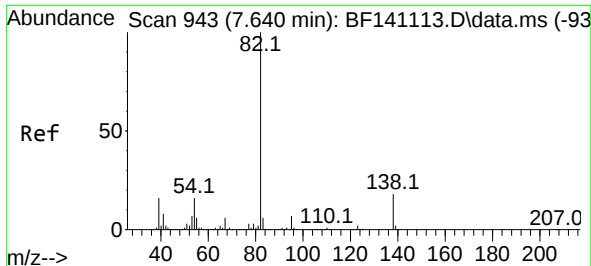
Delta R.T. -0.006 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

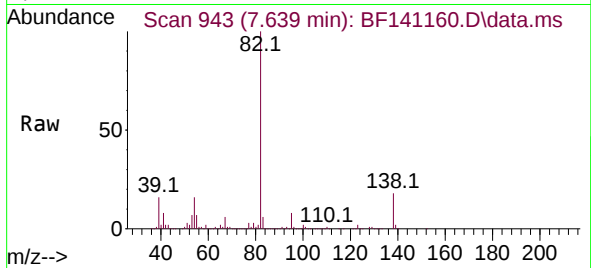
Tgt Ion: 77 Resp: 331424
 Ion Ratio Lower Upper
 77 100
 123 47.0 37.7 56.5
 65 13.6 10.6 16.0





#25
Isophorone
Concen: 36.134 ng
RT: 7.639 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

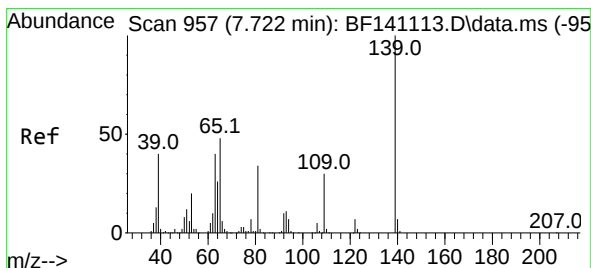
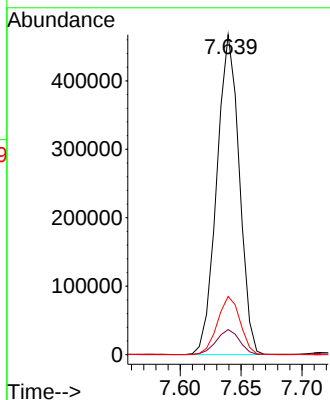
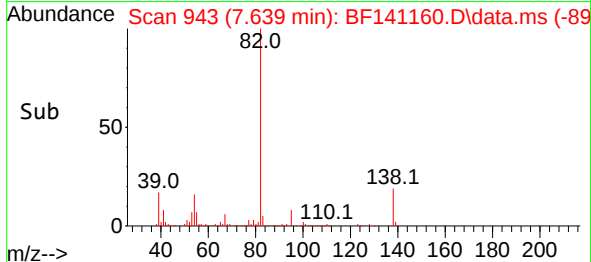
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion: 82 Resp: 60101
Ion Ratio Lower Upper
82 100
95 7.8 5.9 8.9
138 18.2 14.2 21.2

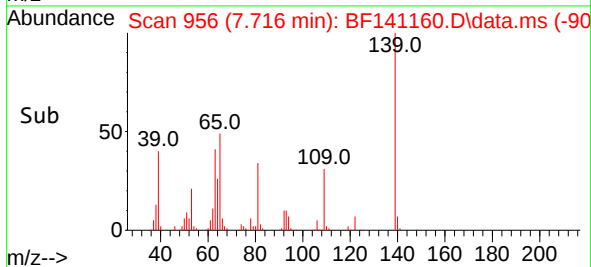
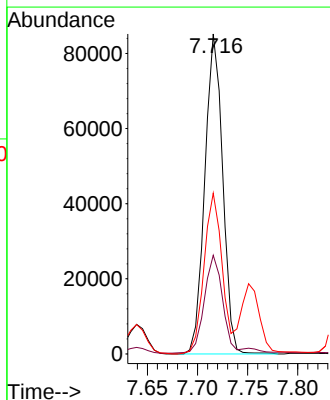
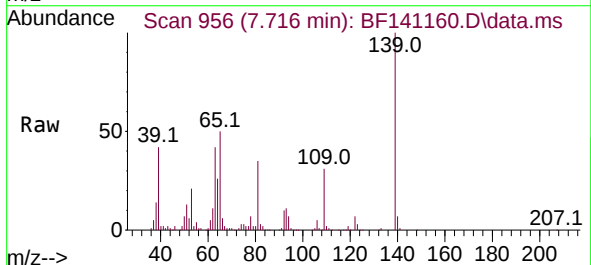
Manual Integrations
APPROVED

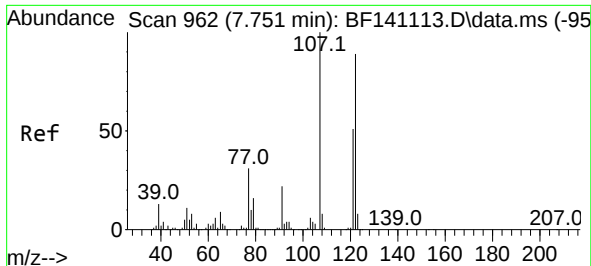
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#26
2-Nitrophenol
Concen: 22.961 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

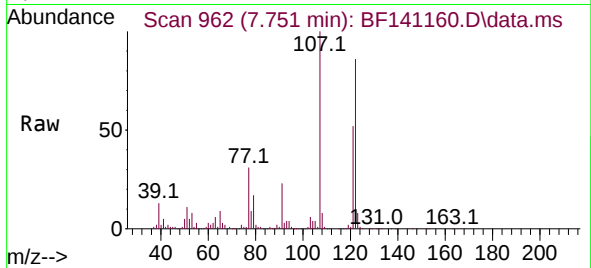
Tgt Ion:139 Resp: 105947
Ion Ratio Lower Upper
139 100
109 30.9 23.8 35.6
65 50.2 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 41.032 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

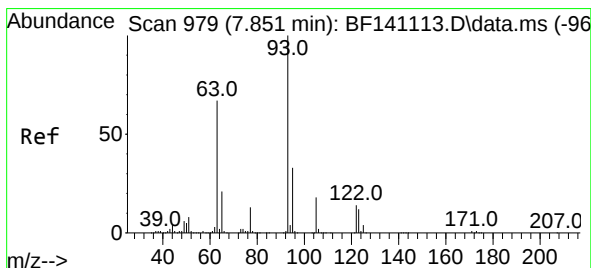
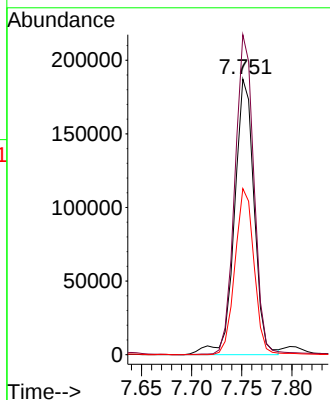
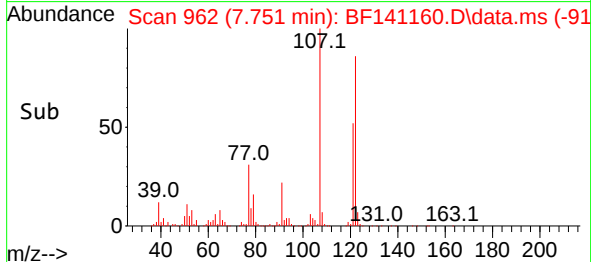
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



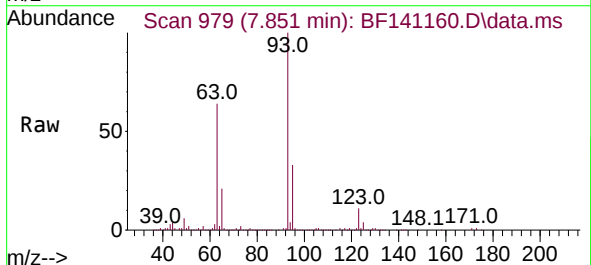
Tgt Ion:122 Resp: 25537
Ion Ratio Lower Upper
122 100
107 116.1 90.3 135.5
121 60.2 46.5 69.7

Manual Integrations
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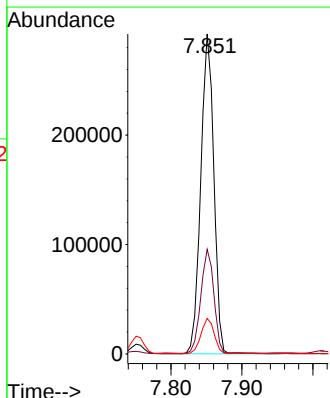
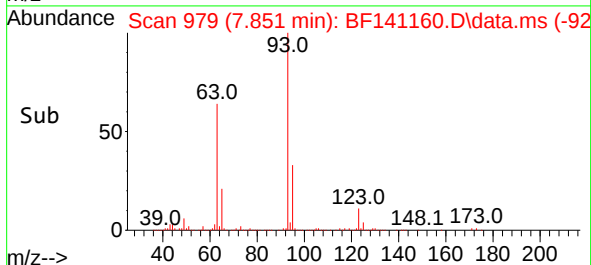
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 35.948 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42



Tgt Ion: 93 Resp: 375237
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 11.1 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 32.171 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF141160.D

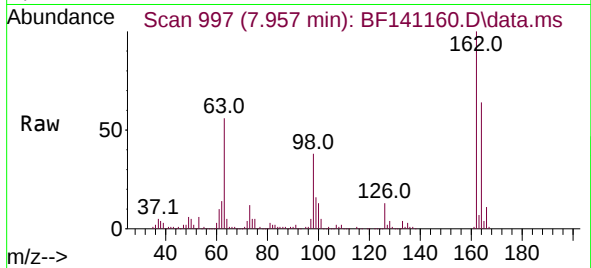
Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

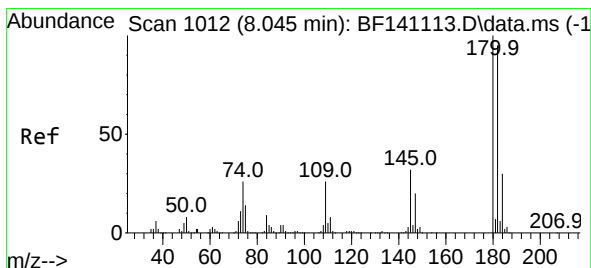
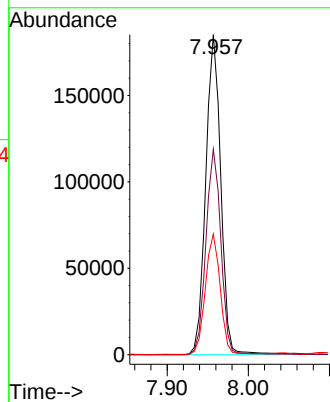
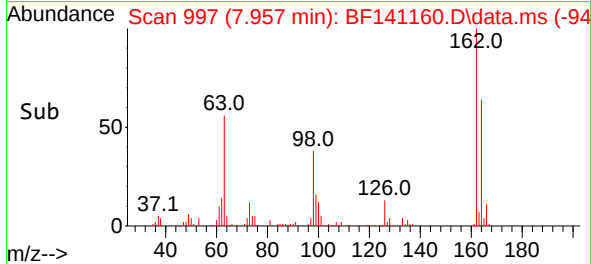


Tgt Ion:162 Resp: 237802

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.5	84.5
98	37.7	18.5	58.5

Manual Integrations
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Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#30

1,2,4-Trichlorobenzene

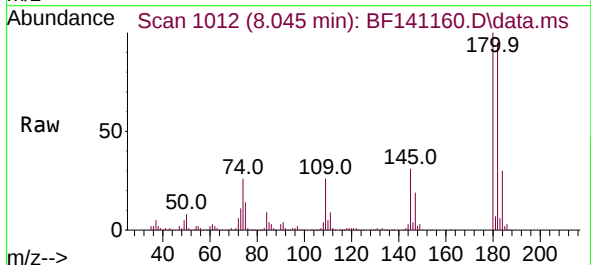
Concen: 32.821 ng

RT: 8.045 min Scan# 1012

Delta R.T. -0.000 min

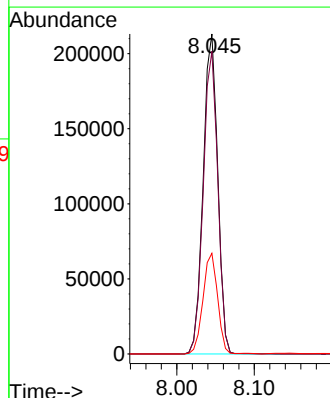
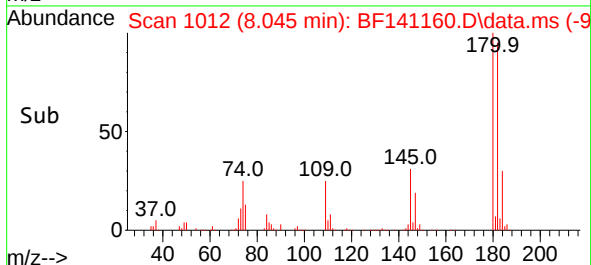
Lab File: BF141160.D

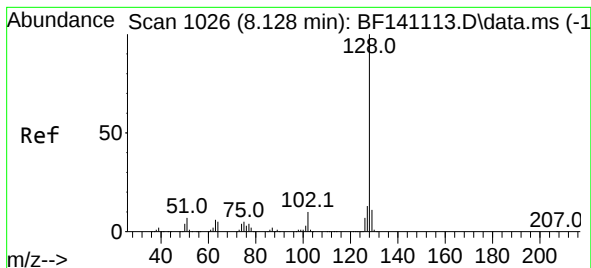
Acq: 14 Jan 2025 21:42



Tgt Ion:180 Resp: 277310

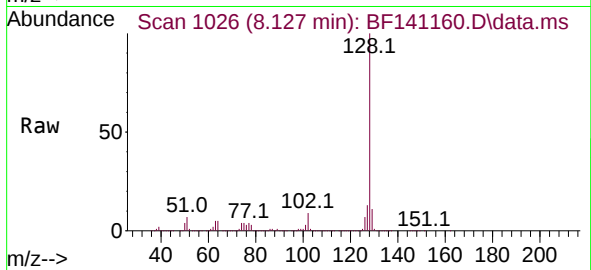
Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.2	114.2
145	31.4	25.3	37.9





#31
Naphthalene
Concen: 35.559 ng
RT: 8.127 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

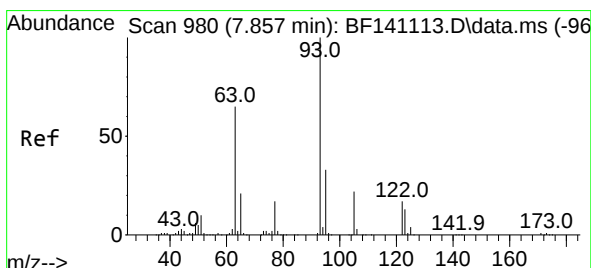
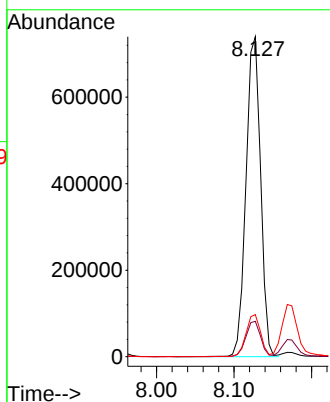
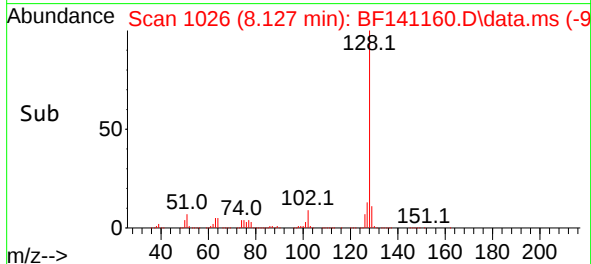
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion:128 Resp: 96747
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.8 16.2

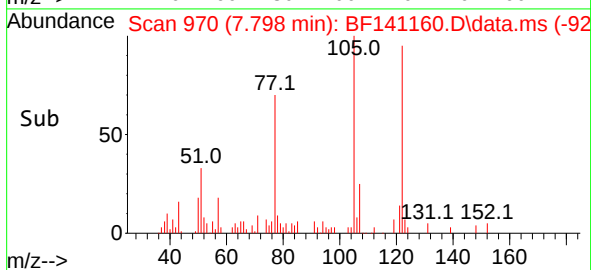
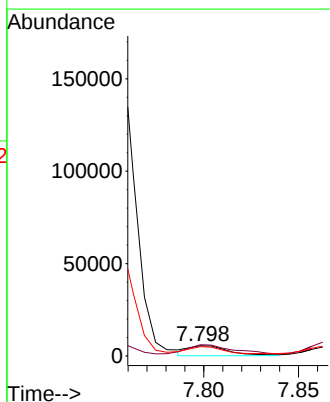
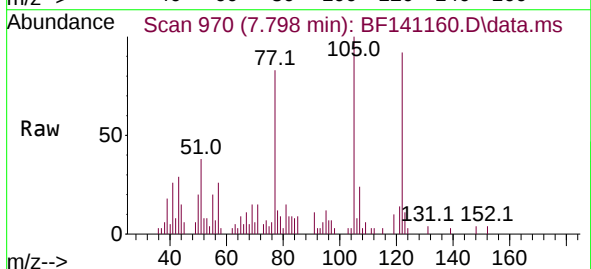
Manual Integrations
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Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#32
Benzoic acid
Concen: 1.367 ng
RT: 7.798 min Scan# 970
Delta R.T. -0.059 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Tgt Ion:122 Resp: 8161
Ion Ratio Lower Upper
122 100
105 108.6 105.5 145.5
77 89.8 75.1 115.1





#33

4-Chloroaniline

Concen: 18.860 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

Tgt Ion:127 Resp: 17745

Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 30.5 23.8 35.8

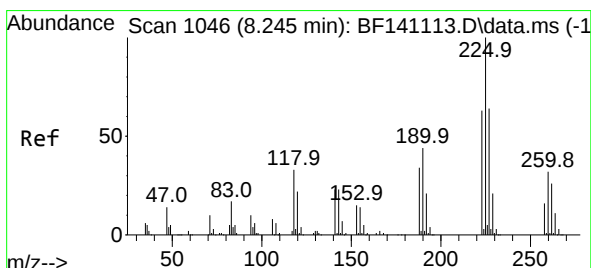
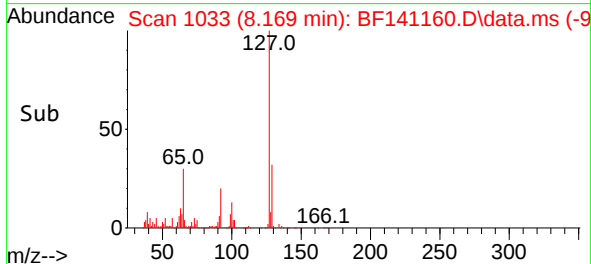
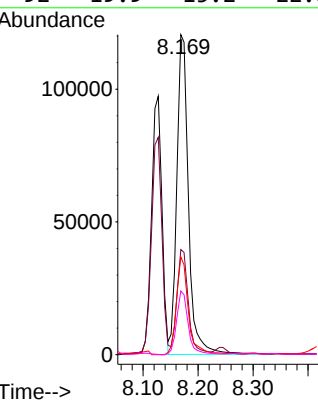
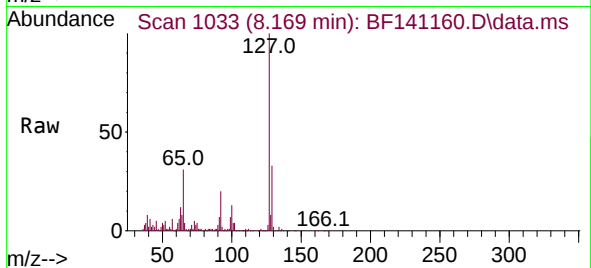
92 19.9 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#34

Hexachlorobutadiene

Concen: 33.726 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.000 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

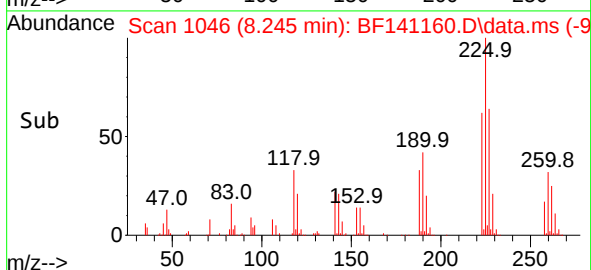
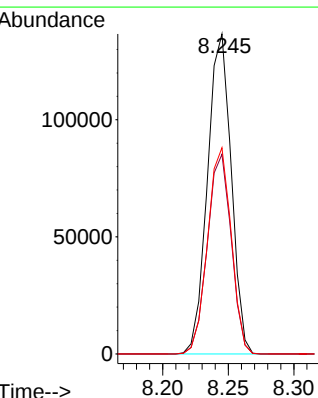
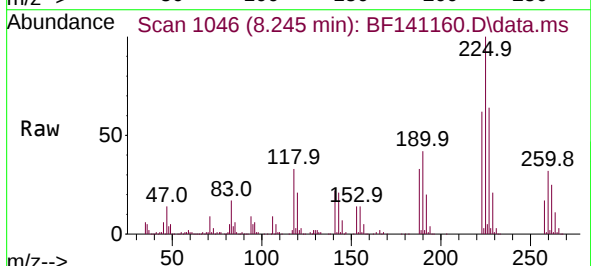
Tgt Ion:225 Resp: 171702

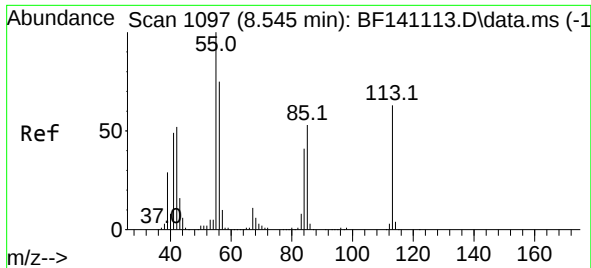
Ion Ratio Lower Upper

225 100

223 62.4 50.6 76.0

227 64.4 51.6 77.4





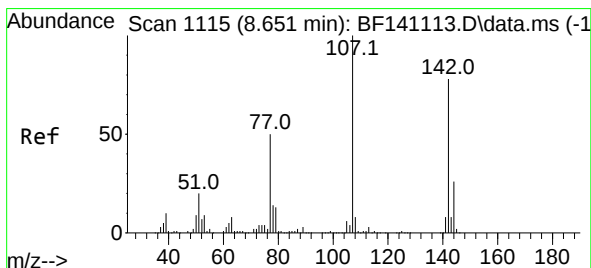
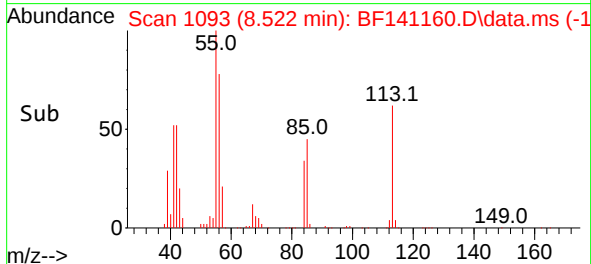
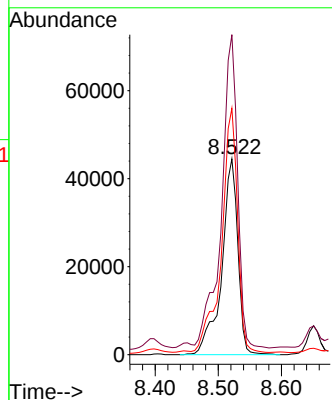
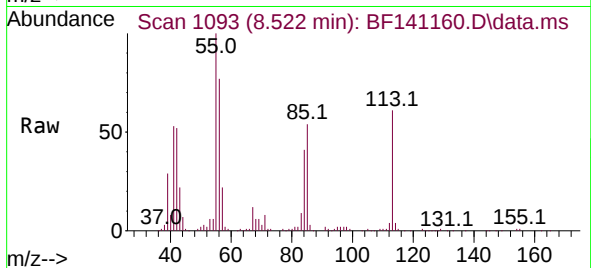
#35
 Caprolactam
 Concen: 32.704 ng
 RT: 8.522 min Scan# 1093
 Delta R.T. -0.024 min
 Lab File: BF141160.D
 Acq: 14 Jan 2025 21:42

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MSD

Tgt Ion:113 Resp: 79145
 Ion Ratio Lower Upper
 113 100
 55 163.3 139.7 179.7
 56 125.8 99.4 139.4

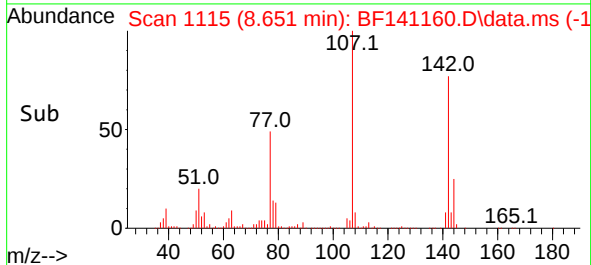
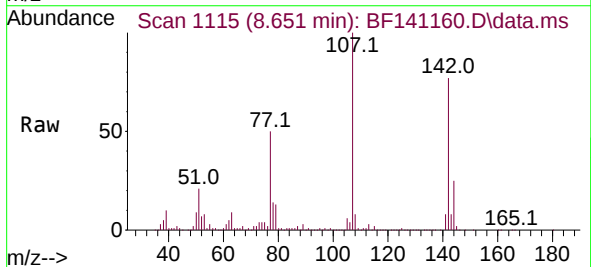
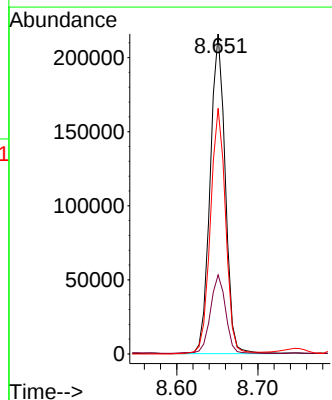
Manual Integrations
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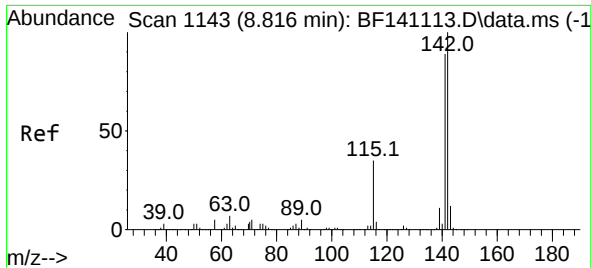
Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025



#36
 4-Chloro-3-methylphenol
 Concen: 34.334 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. -0.000 min
 Lab File: BF141160.D
 Acq: 14 Jan 2025 21:42

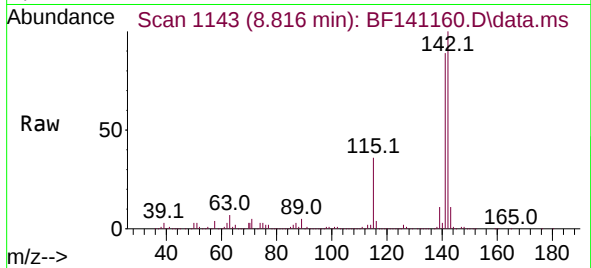
Tgt Ion:107 Resp: 277559
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.4 30.6
 142 76.8 62.2 93.2





#37
2-Methylnaphthalene
Concen: 35.670 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

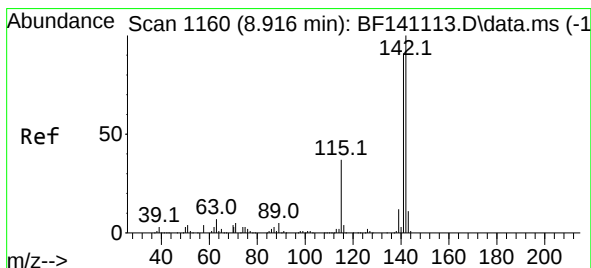
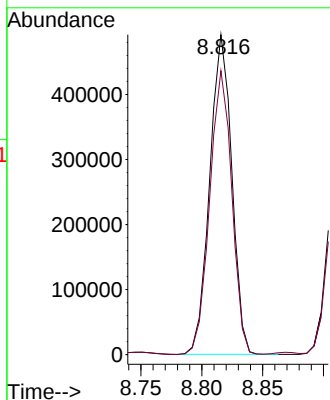
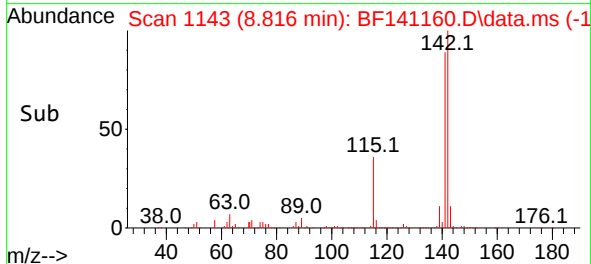
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion:142 Resp: 618420
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9

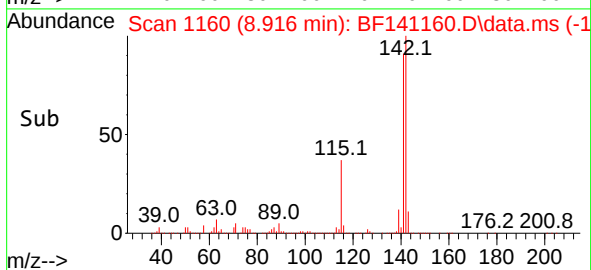
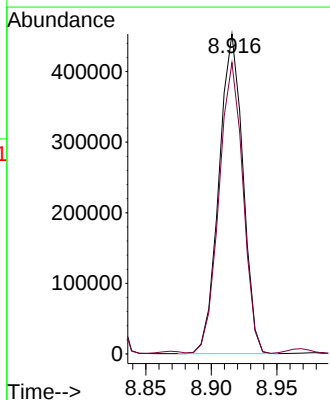
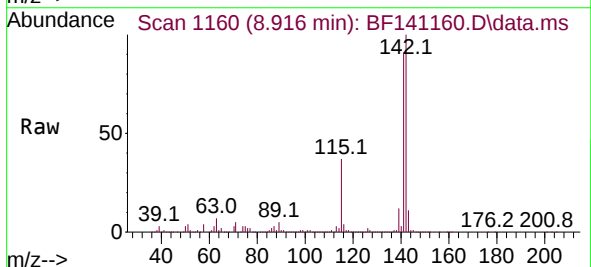
Manual Integrations
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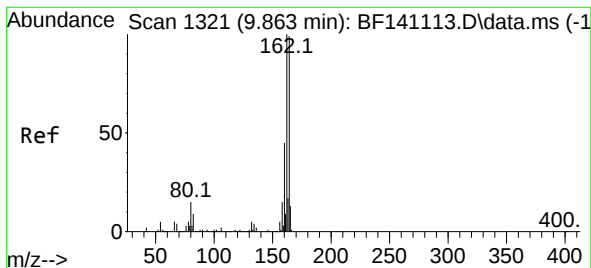
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#38
1-Methylnaphthalene
Concen: 33.578 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Tgt Ion:142 Resp: 573735
Ion Ratio Lower Upper
142 100
141 91.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141160.D

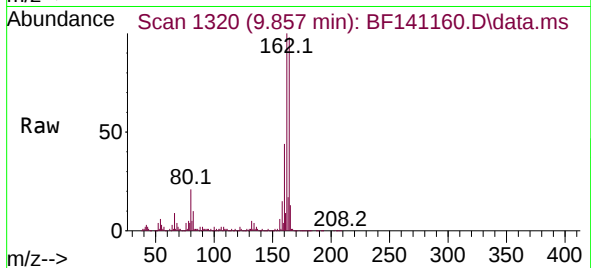
Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD



Tgt Ion:164 Resp: 25044

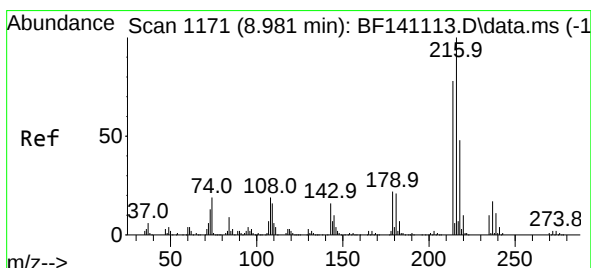
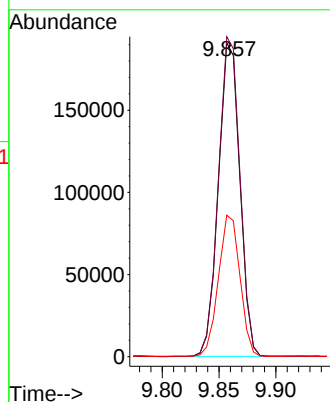
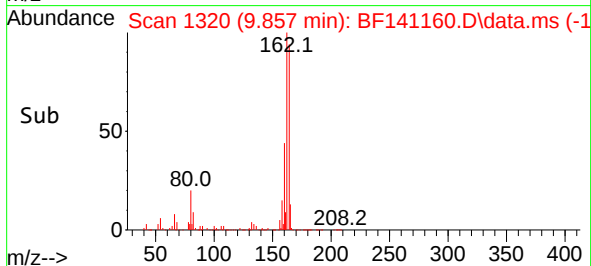
Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.0	121.4
160	45.1	36.1	54.1

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.057 ng

RT: 8.980 min Scan# 1171

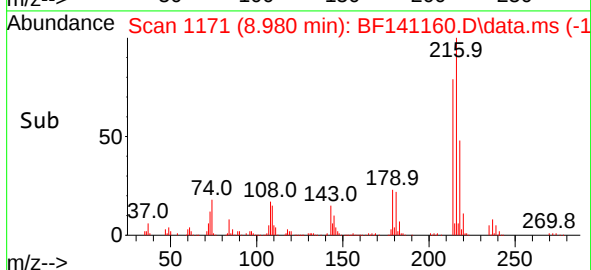
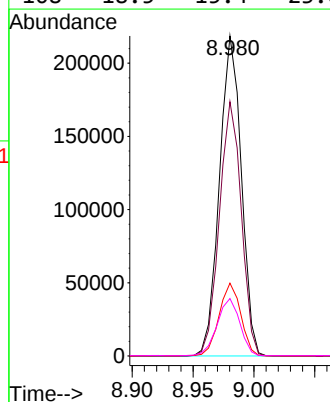
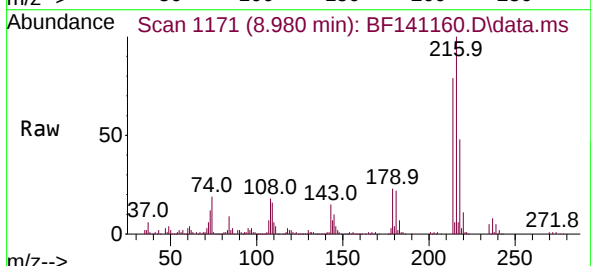
Delta R.T. -0.000 min

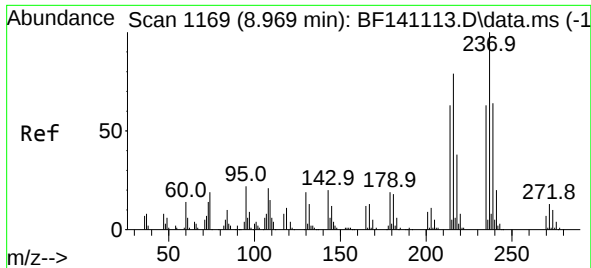
Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Tgt Ion:216 Resp: 273565

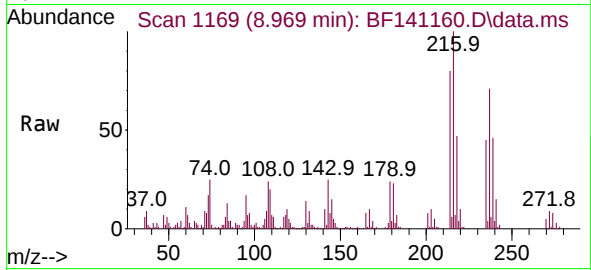
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.6	94.0
179	22.4	17.7	26.5
108	18.5	15.4	23.0





#41
Hexachlorocyclopentadiene
Concen: 29.701 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

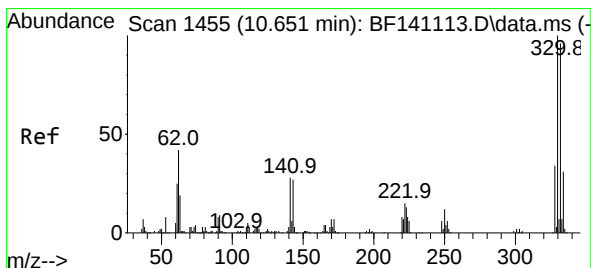
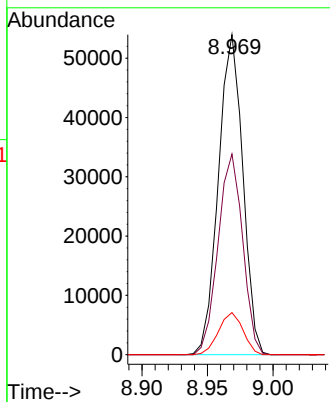
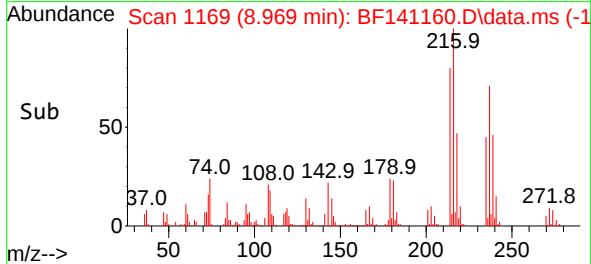
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



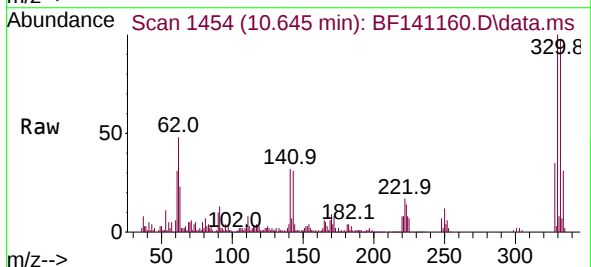
Tgt Ion:237 Resp: 69850
Ion Ratio Lower Upper
237 100
235 62.7 43.0 83.0
272 13.2 0.0 33.0

Manual Integrations
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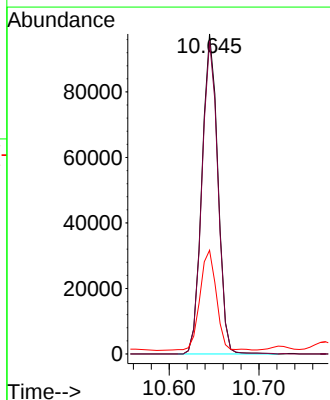
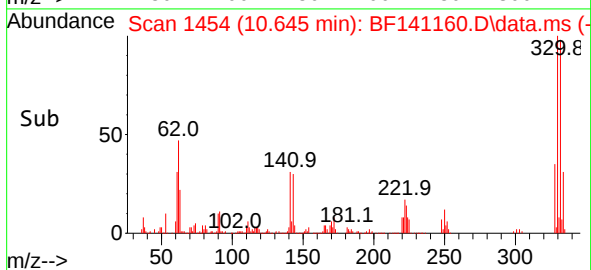
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#42
2,4,6-Tribromophenol
Concen: 42.169 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42



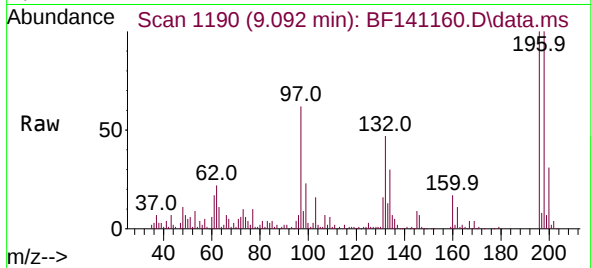
Tgt Ion:330 Resp: 120336
Ion Ratio Lower Upper
330 100
332 97.8 76.9 115.3
141 32.3 25.2 37.8





#43
2,4,6-Trichlorophenol
Concen: 19.981 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

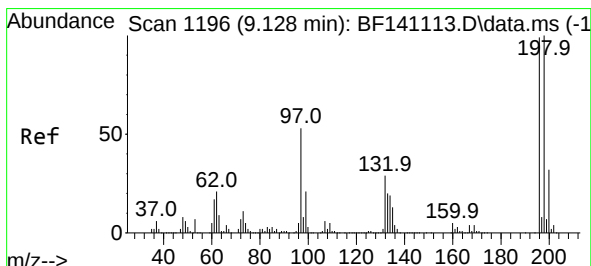
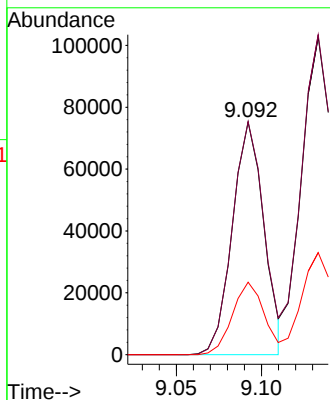
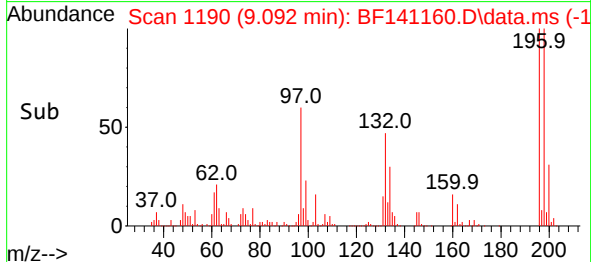
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



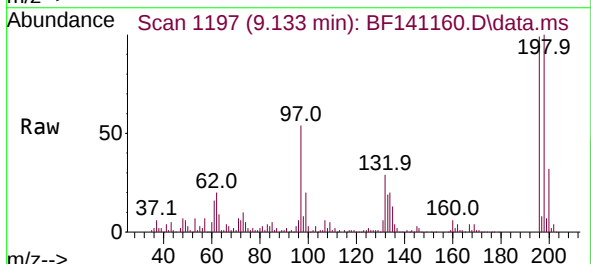
Tgt Ion:196 Resp: 96870
Ion Ratio Lower Upper
196 100
198 100.3 80.8 121.2
200 31.2 25.7 38.5

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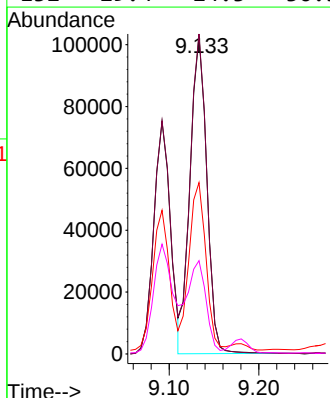
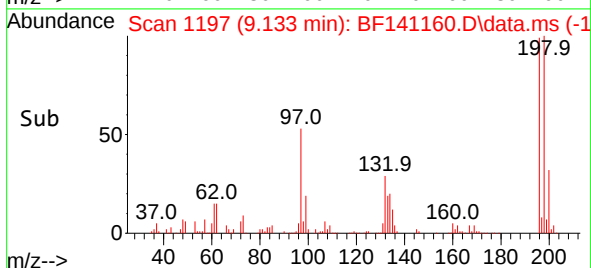
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

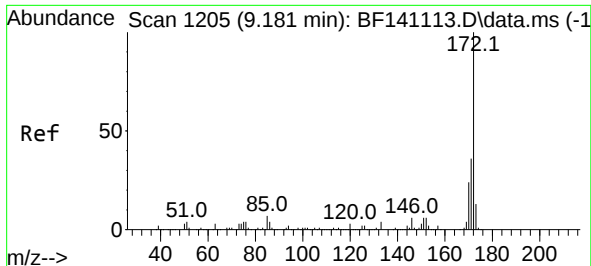


#44
2,4,5-Trichlorophenol
Concen: 25.988 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42



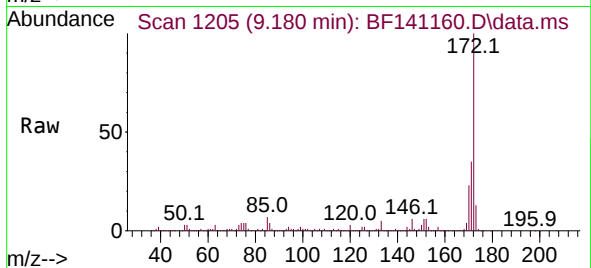
Tgt Ion:196 Resp: 133061
Ion Ratio Lower Upper
196 100
198 100.7 80.6 120.8
97 53.9 43.1 64.7
132 29.4 24.3 36.5





#45
2-Fluorobiphenyl
Concen: 75.212 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

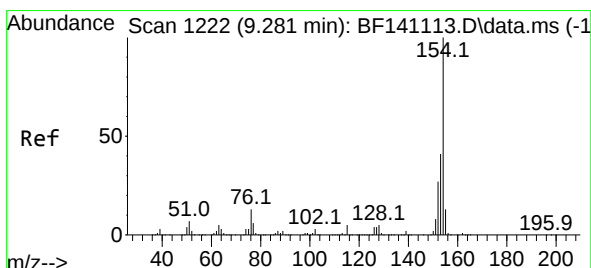
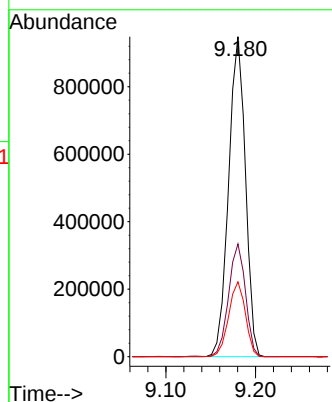
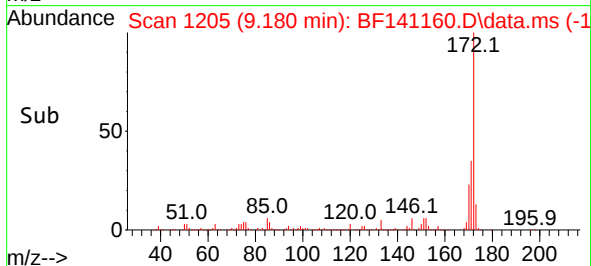
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



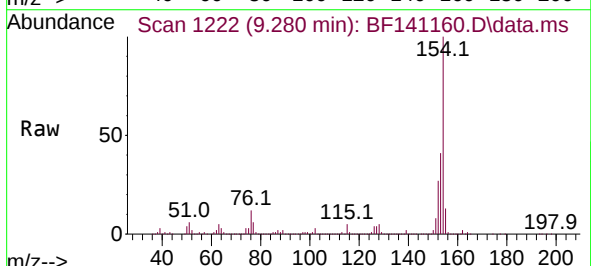
Tgt Ion:172 Resp: 123353
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.4 19.0 28.6

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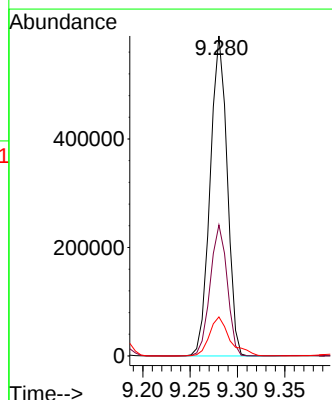
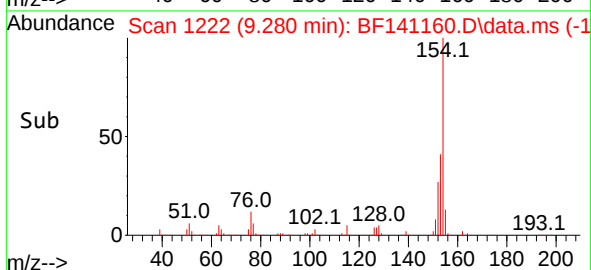
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

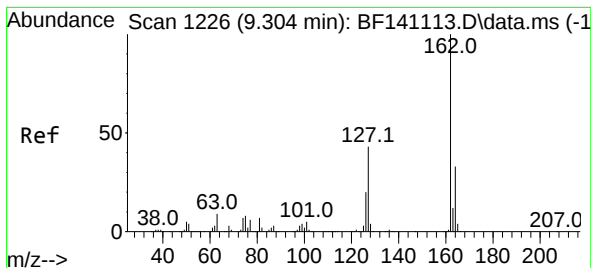


#46
1,1'-Biphenyl
Concen: 37.746 ng
RT: 9.280 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42



Tgt Ion:154 Resp: 734139
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 12.2 0.0 33.1





#47

2-Chloronaphthalene

Concen: 35.686 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

ClientSampleId :

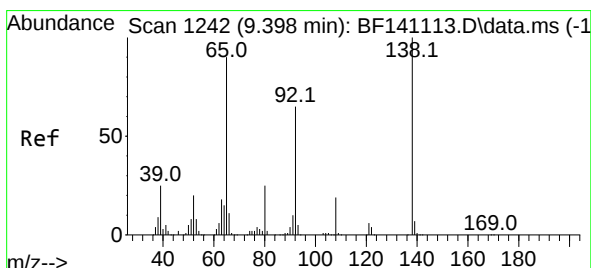
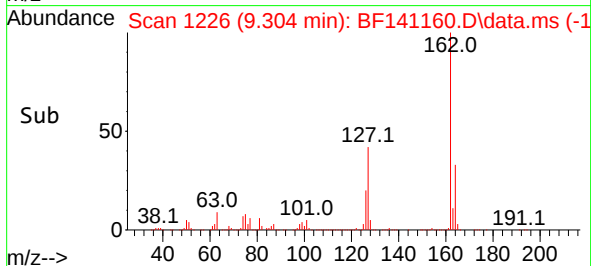
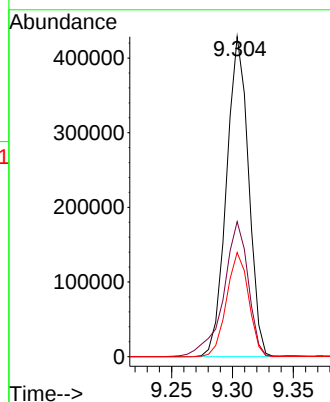
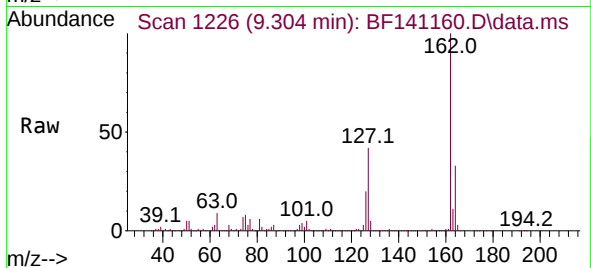
TR-06-1-10-2025MSD

Tgt Ion:162 Resp: 540590
 Ion Ratio Lower Upper
 162 100
 127 42.2 34.6 51.8
 164 32.6 26.5 39.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025



#48

2-Nitroaniline

Concen: 38.287 ng

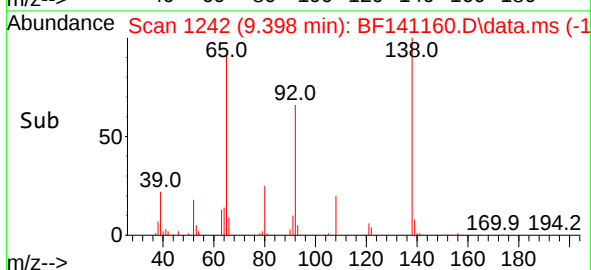
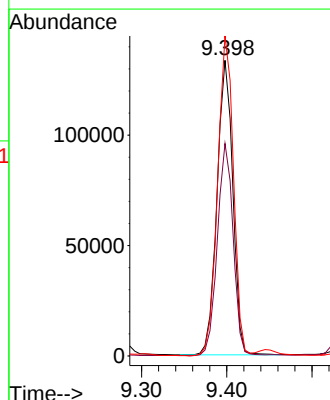
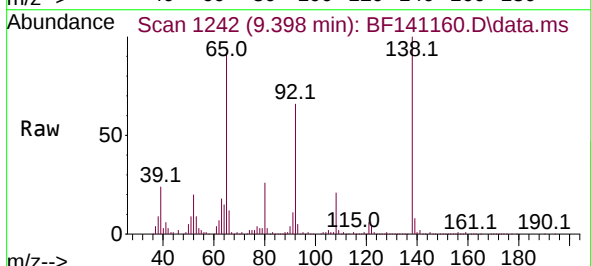
RT: 9.398 min Scan# 1242

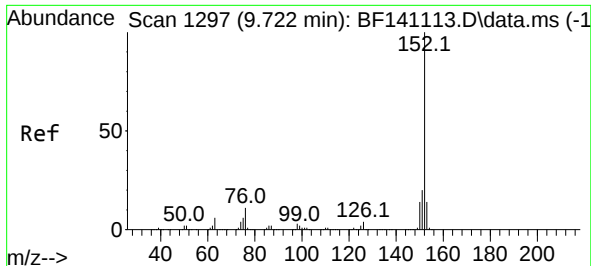
Delta R.T. -0.000 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Tgt Ion: 65 Resp: 171931
 Ion Ratio Lower Upper
 65 100
 92 71.8 58.3 87.5
 138 108.2 89.1 133.7





#49

Acenaphthylene

Concen: 45.910 ng

RT: 9.721 min Scan# 1297

Delta R.T. -0.001 min

Lab File: BF141160.D

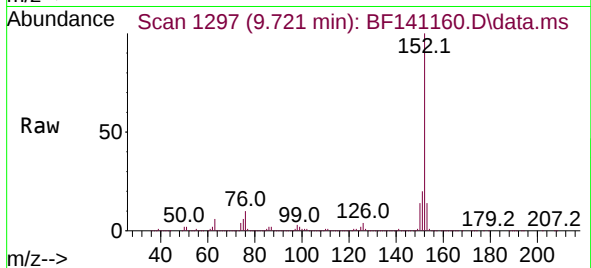
Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD



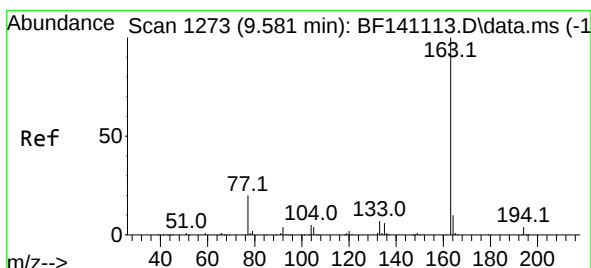
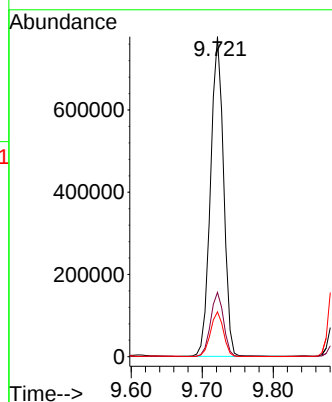
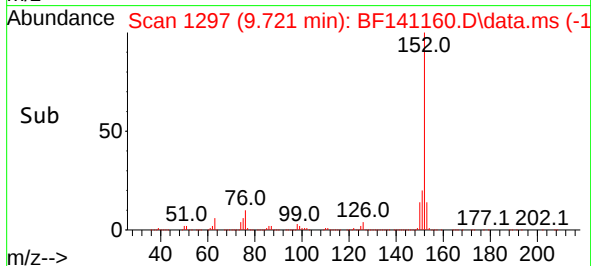
Tgt Ion:	152	Resp:	99364
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.1	24.1
153	14.0	11.1	16.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#50

Dimethylphthalate

Concen: 39.184 ng

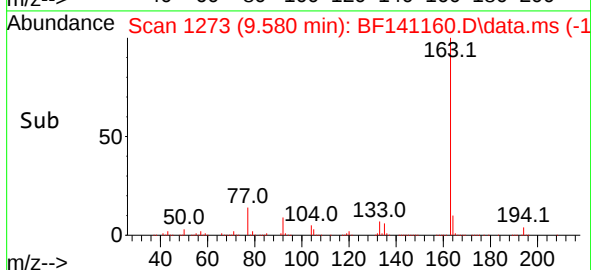
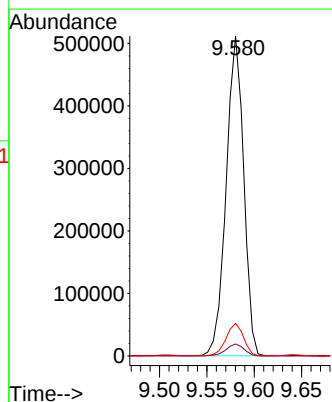
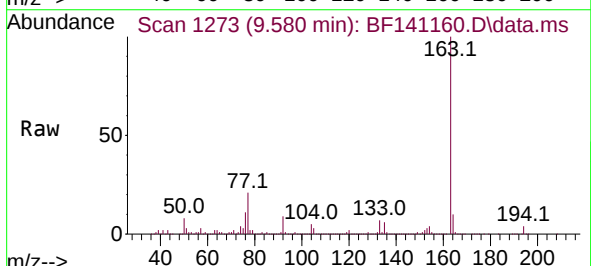
RT: 9.580 min Scan# 1273

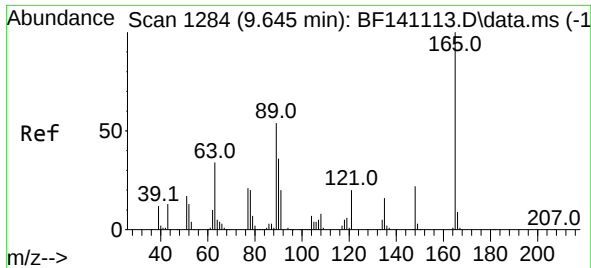
Delta R.T. -0.000 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Tgt Ion:	163	Resp:	658818
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	10.2	8.2	12.4





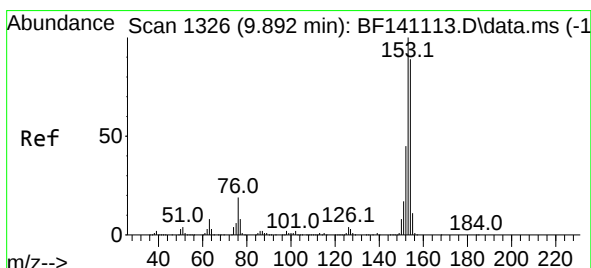
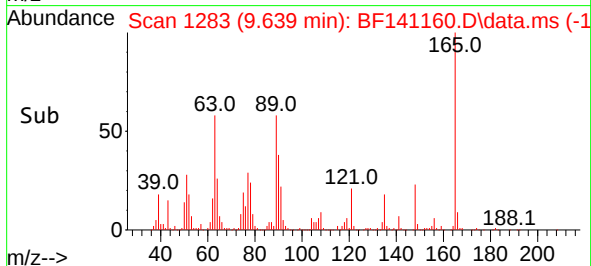
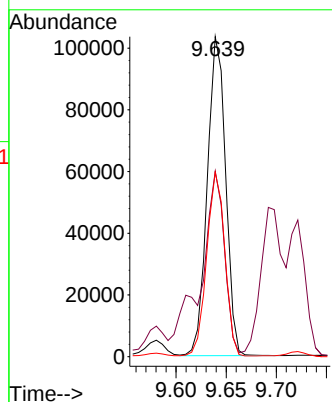
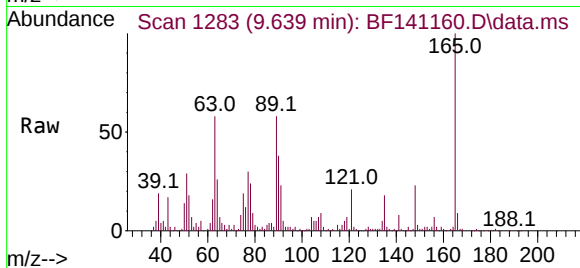
#51
2,6-Dinitrotoluene
Concen: 33.645 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion:165 Resp: 131549
Ion Ratio Lower Upper
165 100
63 57.9 42.3 63.5
89 57.6 43.1 64.7

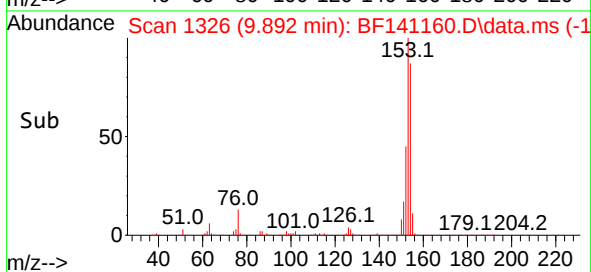
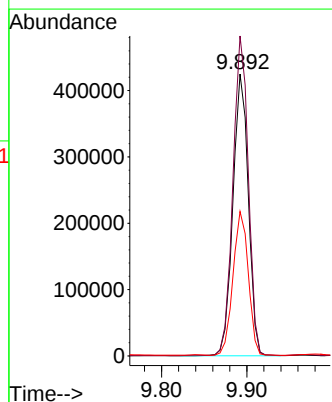
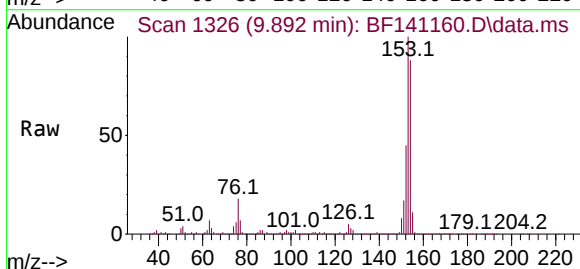
Manual Integrations
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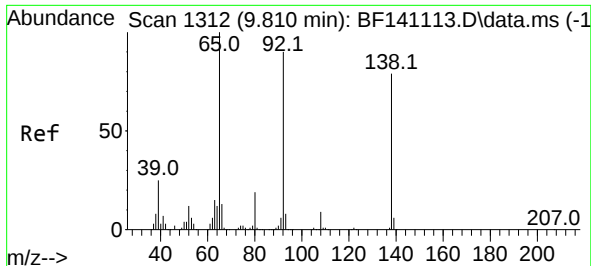
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#52
Acenaphthene
Concen: 35.330 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

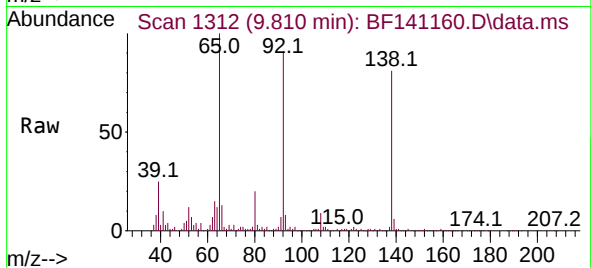
Tgt Ion:154 Resp: 534225
Ion Ratio Lower Upper
154 100
153 113.5 89.8 134.6
152 51.3 40.8 61.2





#53
3-Nitroaniline
Concen: 31.987 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

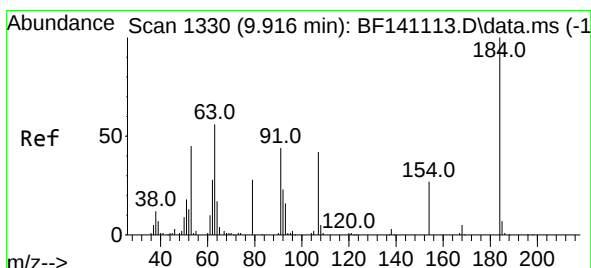
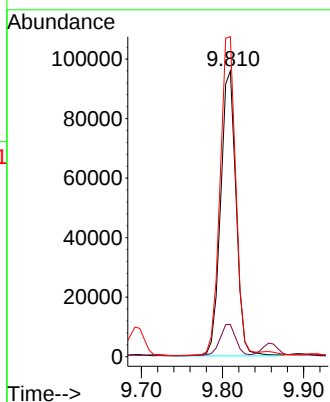
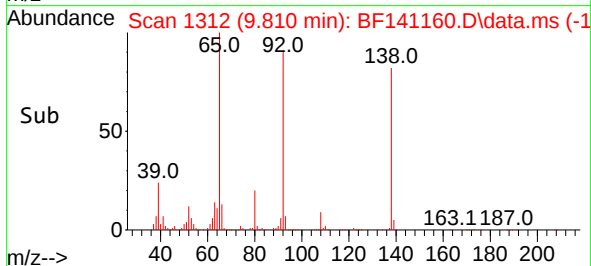
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion:138 Resp: 12709
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 112.0 91.3 136.9

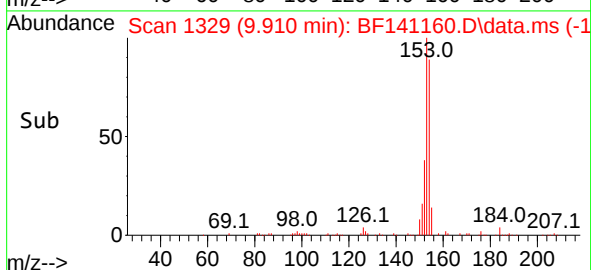
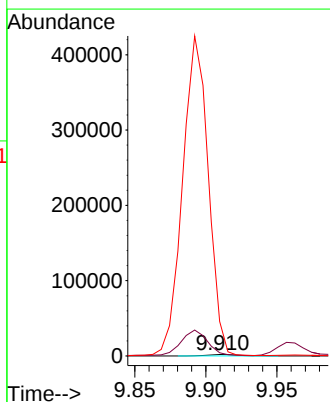
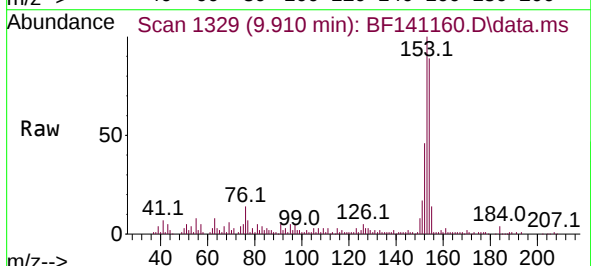
Manual Integrations
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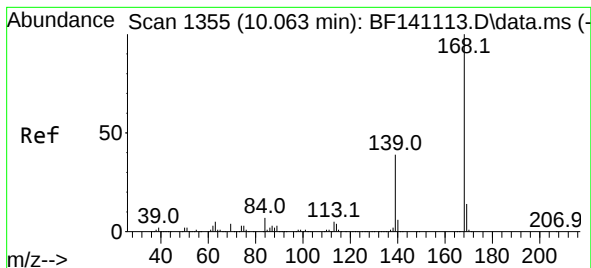
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#54
2,4-Dinitrophenol
Concen: 1.461 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

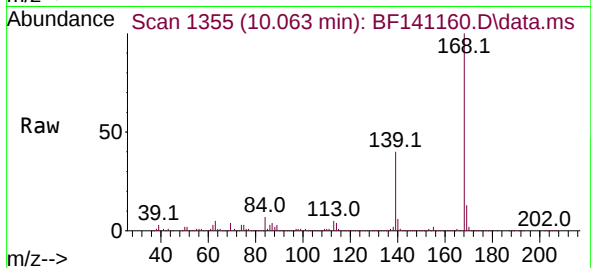
Tgt Ion:184 Resp: 2716
Ion Ratio Lower Upper
184 100
63 231.6 48.7 73.1#
154 2459.7 57.1 85.7#





#55
Dibenzofuran
Concen: 36.141 ng
RT: 10.063 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

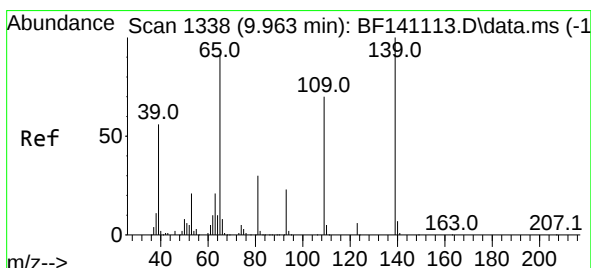
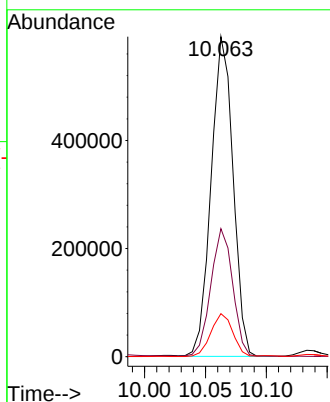
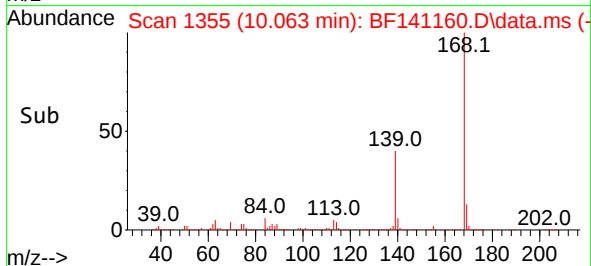
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion:168 Resp: 743329
Ion Ratio Lower Upper
168 100
139 40.0 31.4 47.0
169 13.5 10.9 16.3

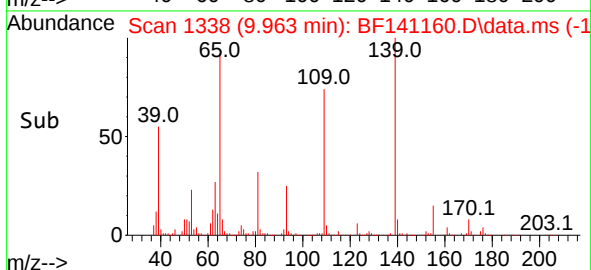
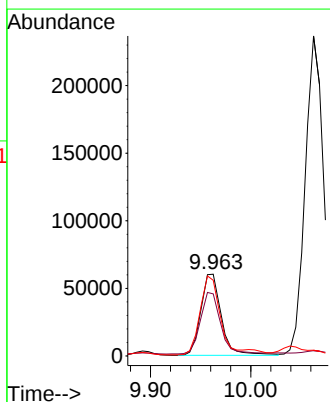
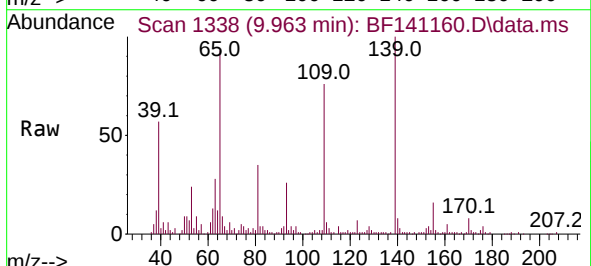
Manual Integrations
APPROVED

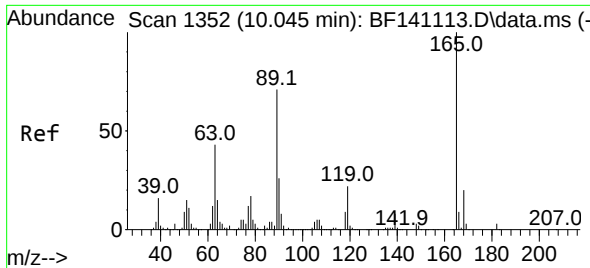
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#56
4-Nitrophenol
Concen: 27.423 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

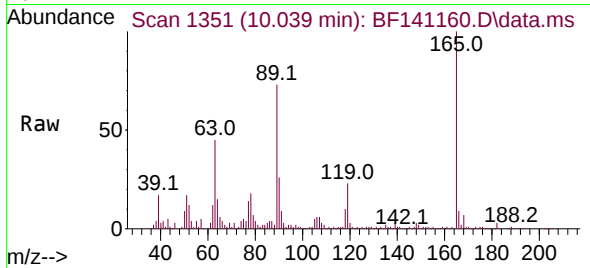
Tgt Ion:139 Resp: 85333
Ion Ratio Lower Upper
139 100
109 76.0 50.2 90.2
65 92.6 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 33.020 ng
RT: 10.039 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

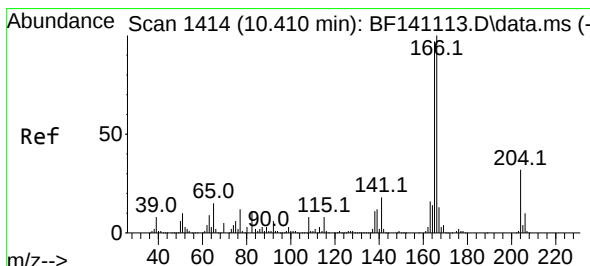
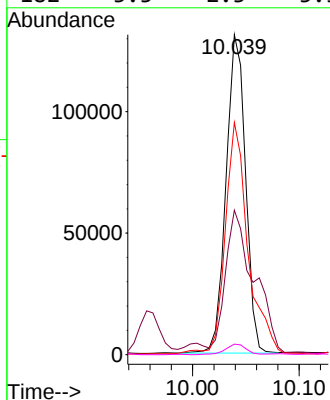
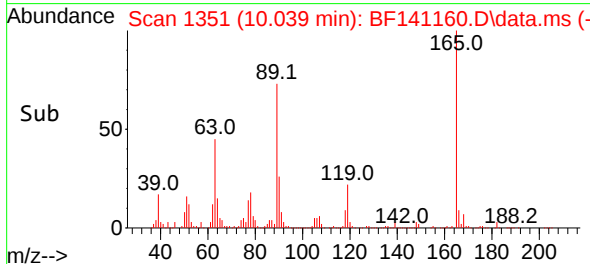
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion:165 Resp: 166379
Ion Ratio Lower Upper
165 100
63 45.2 35.0 52.4
89 72.5 56.7 85.1
182 3.3 2.3 3.5

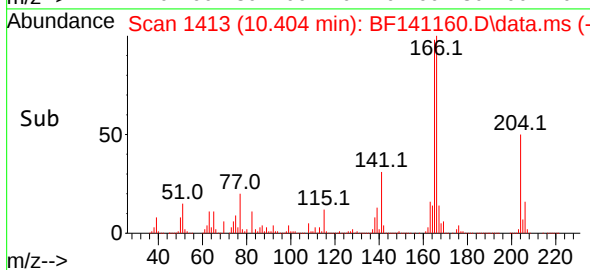
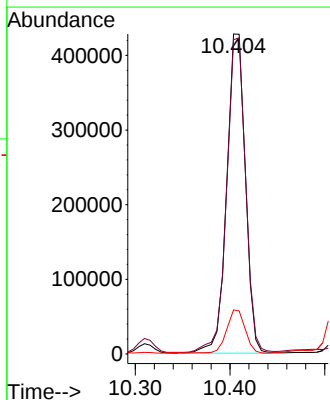
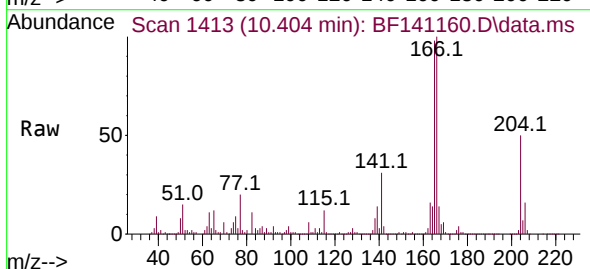
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#58
Fluorene
Concen: 36.701 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

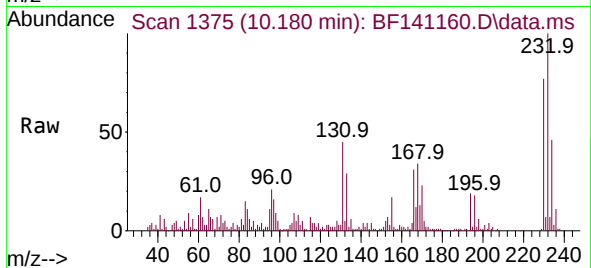
Tgt Ion:166 Resp: 586443
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 14.653 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

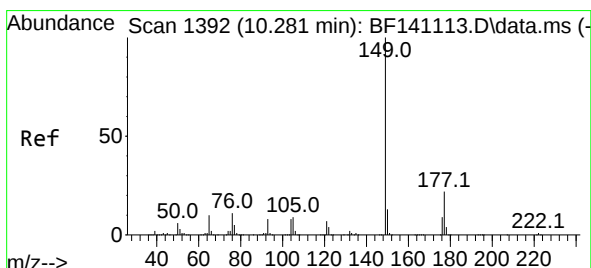
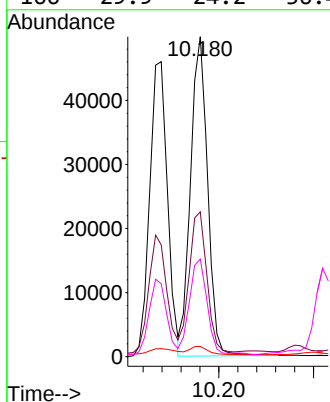
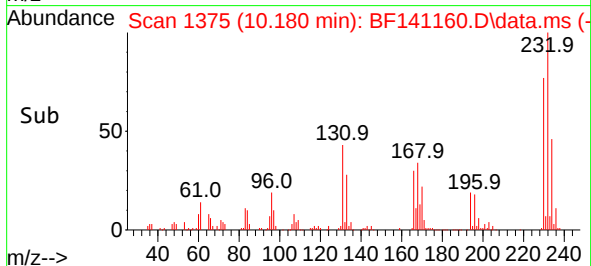
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



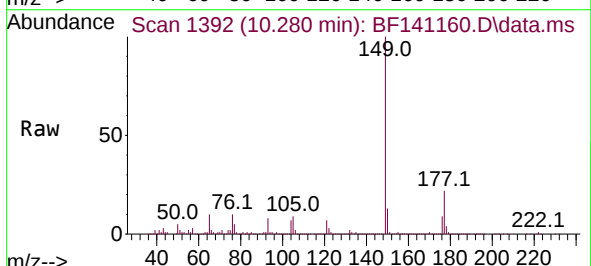
Tgt Ion:232 Resp: 62364
Ion Ratio Lower Upper
232 100
131 45.3 36.2 54.4
130 2.7 2.0 3.0
166 29.9 24.2 36.4

Manual Integrations
APPROVED

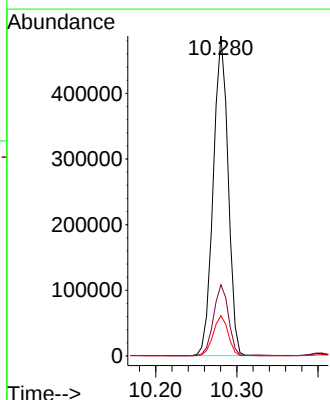
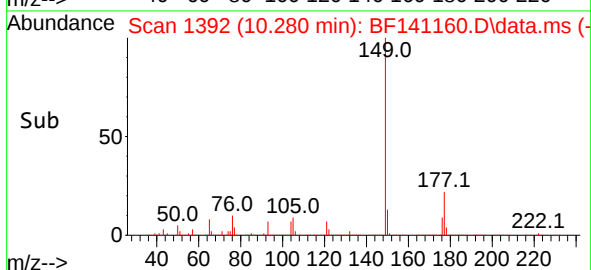
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

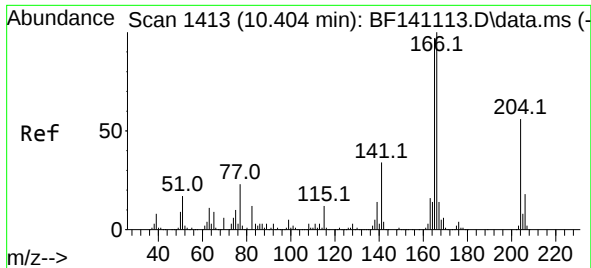


#60
Diethylphthalate
Concen: 37.657 ng
RT: 10.280 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42



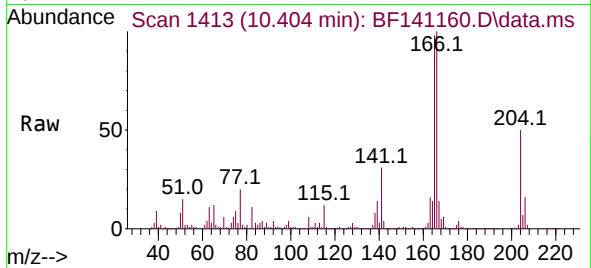
Tgt Ion:149 Resp: 618100
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 35.710 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

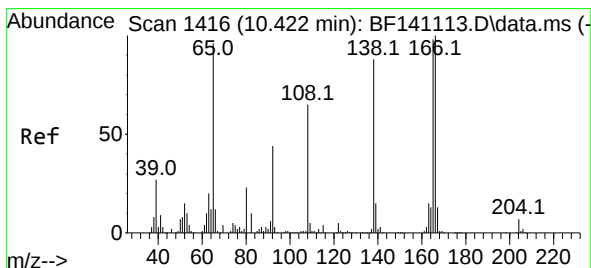
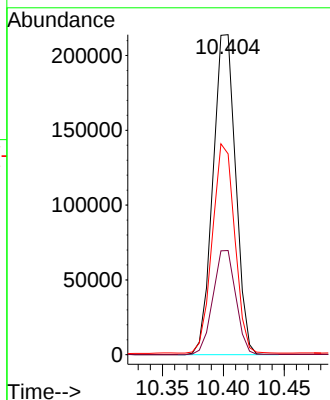
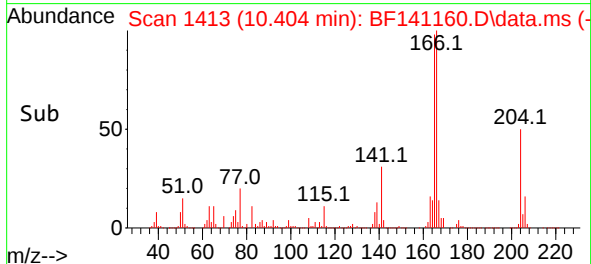
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion:204 Resp: 278109
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 62.8 49.1 73.7

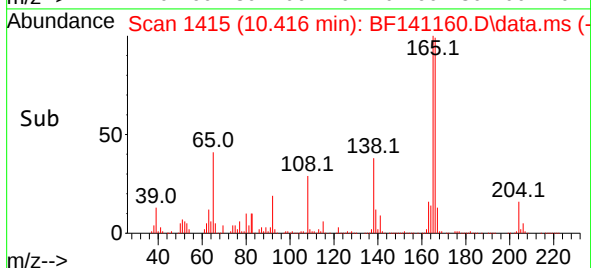
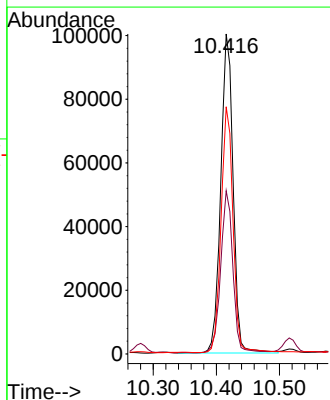
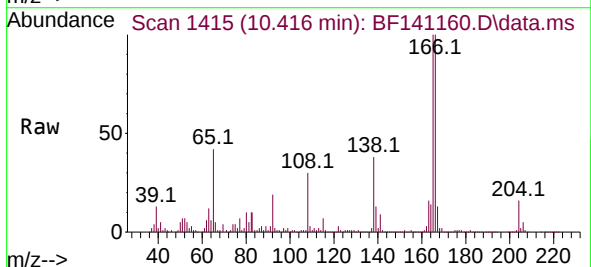
Manual Integrations
APPROVED

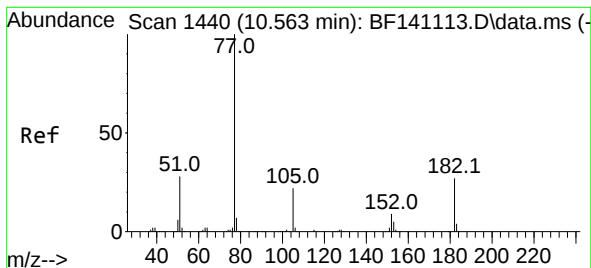
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#62
4-Nitroaniline
Concen: 35.222 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

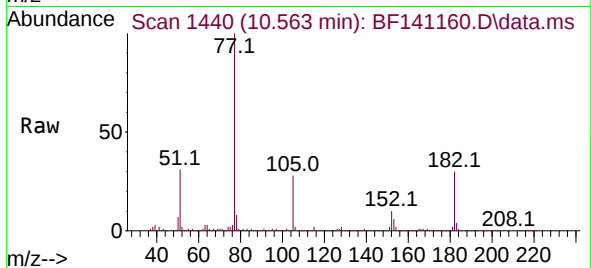
Tgt Ion:138 Resp: 136974
Ion Ratio Lower Upper
138 100
92 51.0 29.4 69.4
108 77.2 53.7 93.7





#63
Azobenzene
Concen: 37.957 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

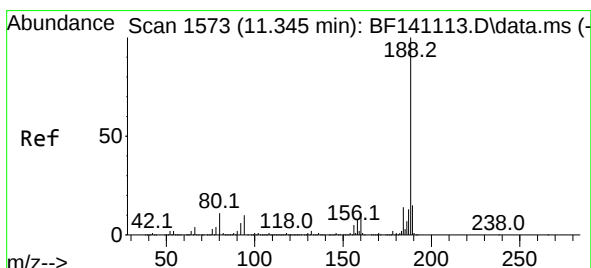
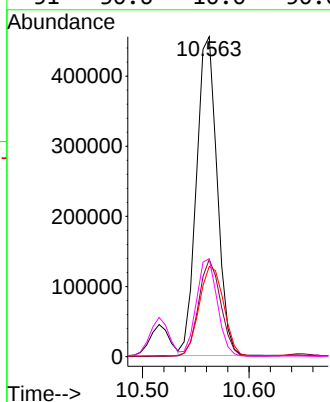
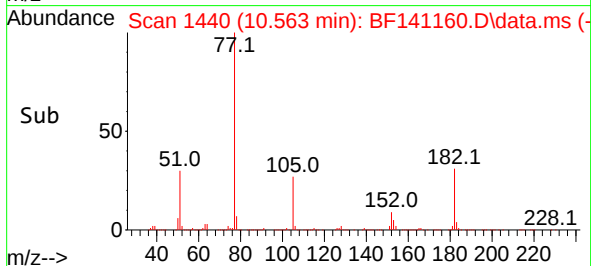
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



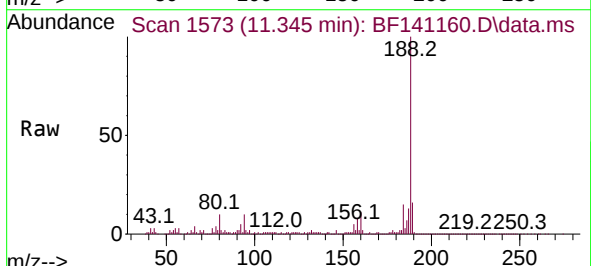
Tgt Ion: 77 Resp: 61475
Ion Ratio Lower Upper
77 100
182 30.4 6.1 46.1
105 28.2 2.1 42.1
51 30.6 10.0 50.0

Manual Integrations
APPROVED

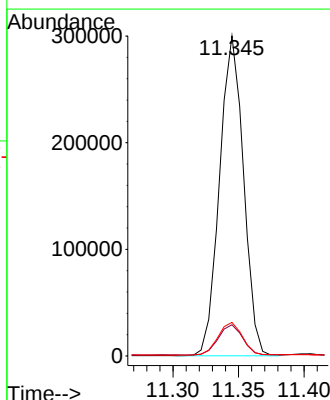
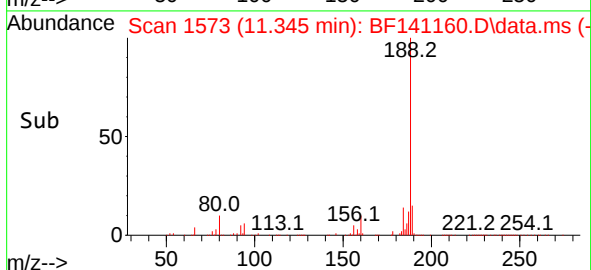
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

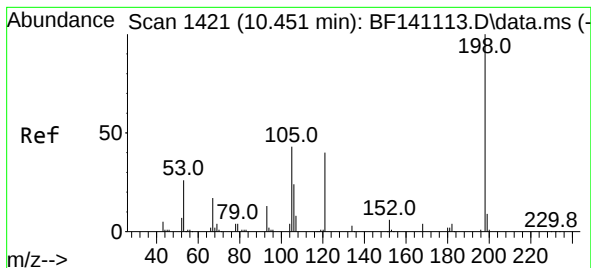


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42



Tgt Ion:188 Resp: 380343
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.5 9.0 13.4





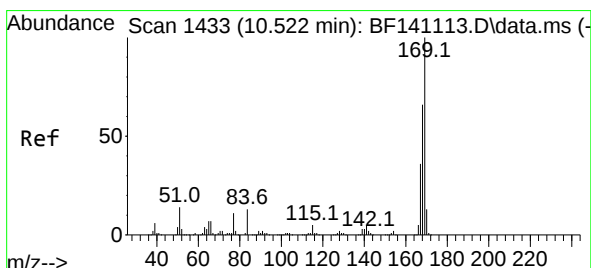
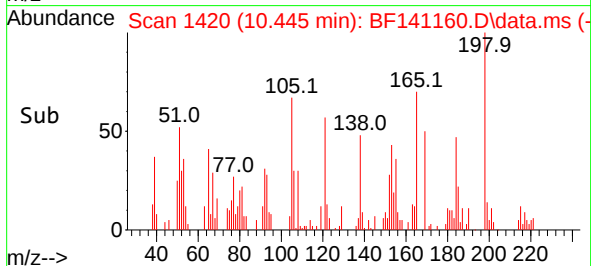
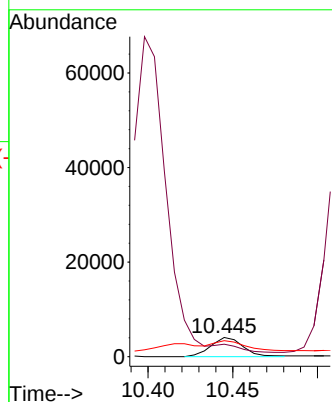
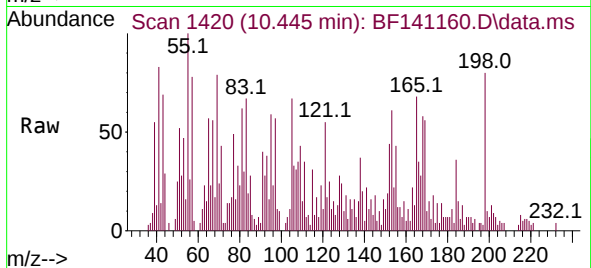
#65
4,6-Dinitro-2-methylphenol
Concen: 2.458 ng m
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion:198 Resp: 541
Ion Ratio Lower Upper
198 100
51 64.8 27.1 67.1
105 83.3 24.2 64.2

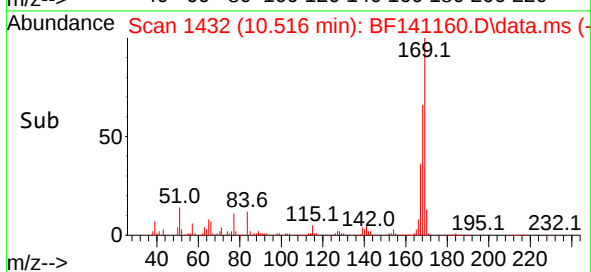
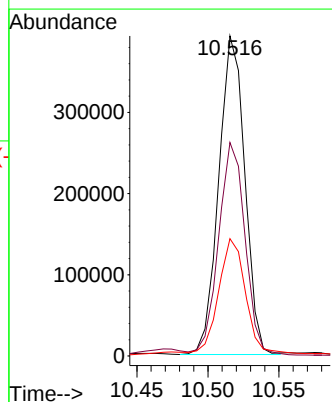
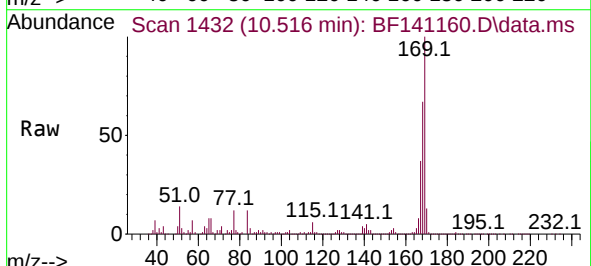
Manual Integrations
APPROVED

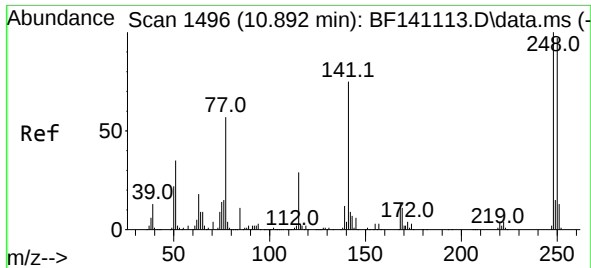
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#66
n-Nitrosodiphenylamine
Concen: 40.769 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

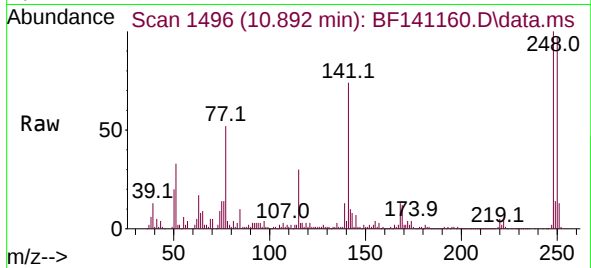
Tgt Ion:169 Resp: 500146
Ion Ratio Lower Upper
169 100
168 66.7 52.5 78.7
167 36.6 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 39.500 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

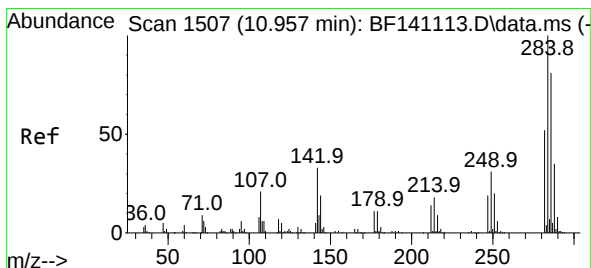
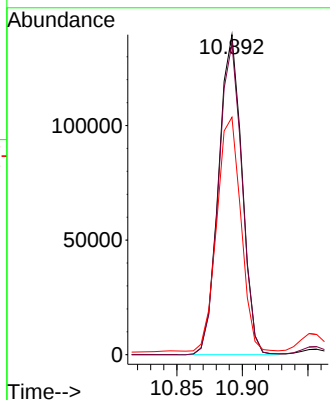
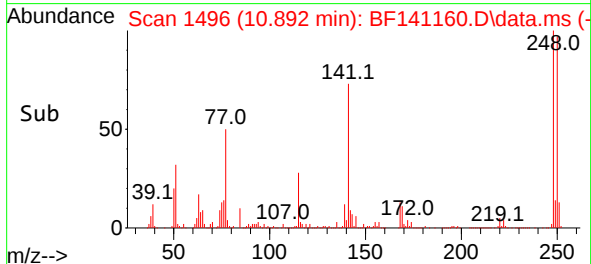
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



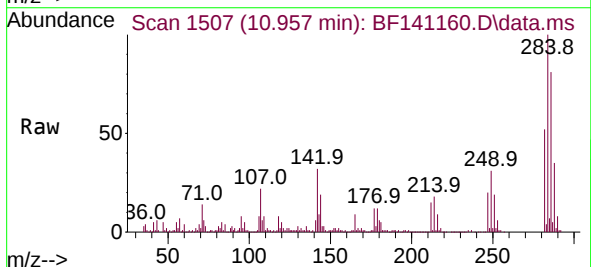
Tgt Ion:248 Resp: 172968
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 74.2 59.9 89.9

Manual Integrations
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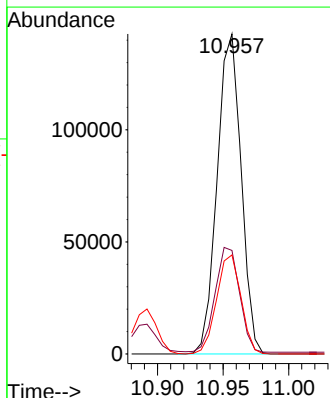
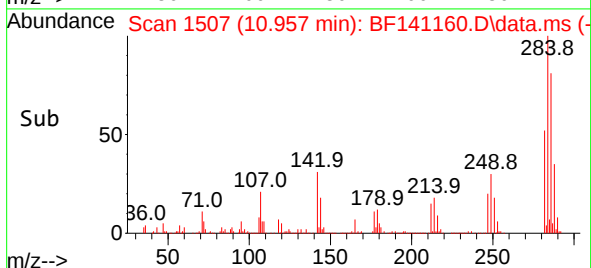
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

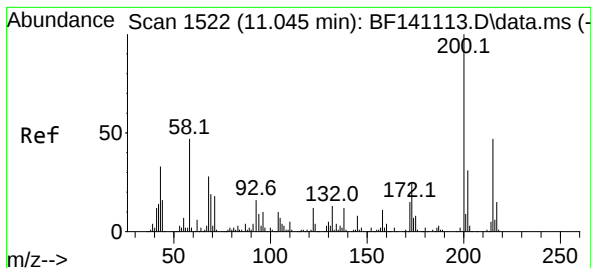


#68
Hexachlorobenzene
Concen: 37.198 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42



Tgt Ion:284 Resp: 181320
Ion Ratio Lower Upper
284 100
142 32.4 26.3 39.5
249 30.9 24.9 37.3





#69

Atrazine

Concen: 51.293 ng

RT: 11.045 min Scan# 1522

Delta R.T. -0.000 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

Tgt Ion:200 Resp: 16943

Ion Ratio Lower Upper

200 100

173 26.2 5.4 45.4

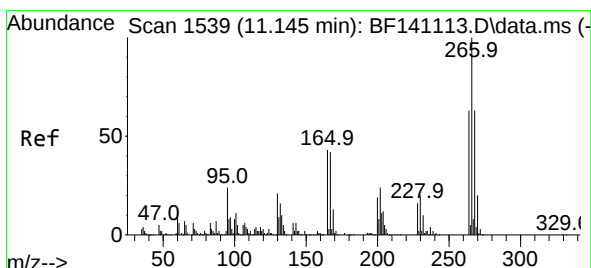
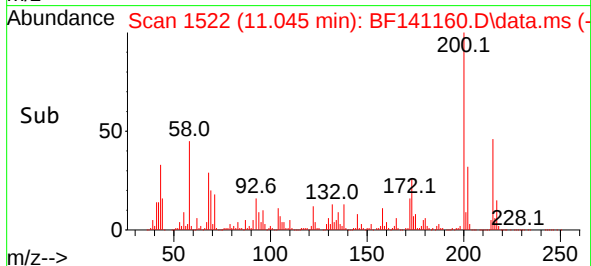
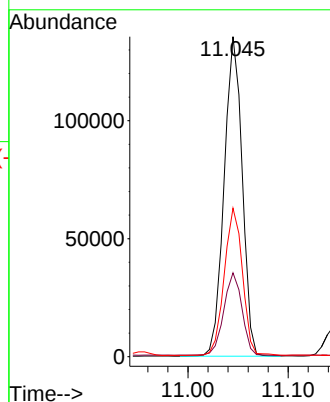
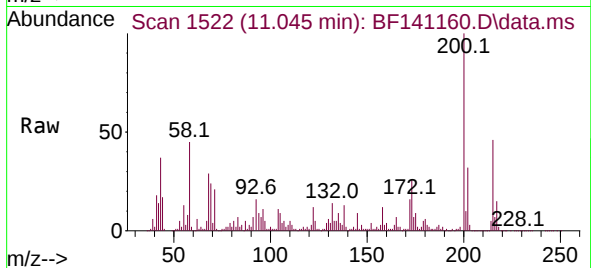
215 46.4 26.6 66.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#70

Pentachlorophenol

Concen: 26.969 ng

RT: 11.145 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

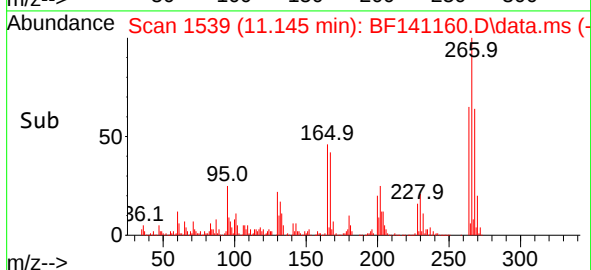
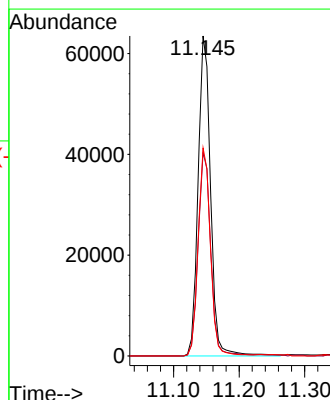
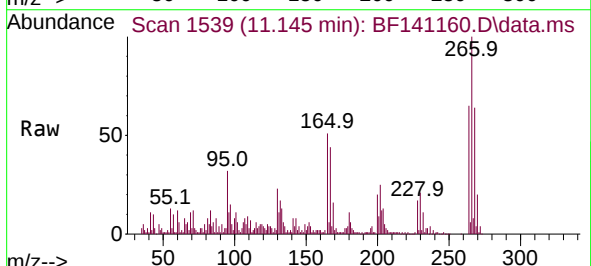
Tgt Ion:266 Resp: 84188

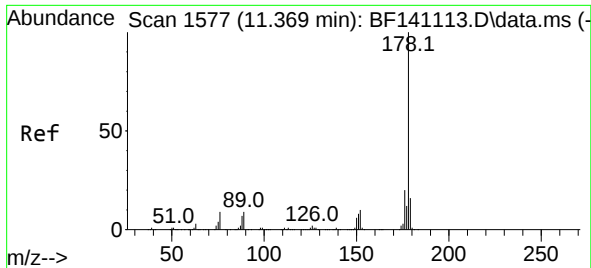
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 65.0 50.2 75.2





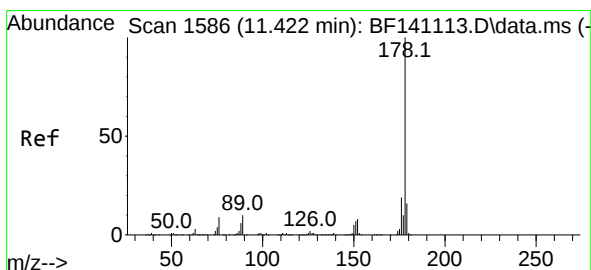
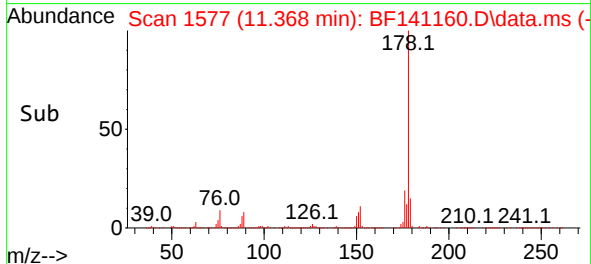
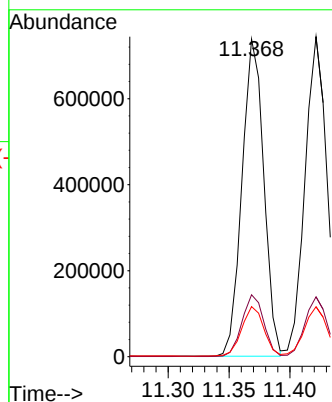
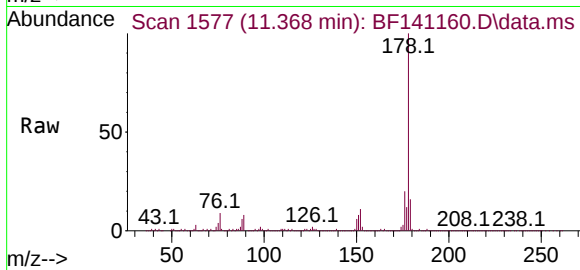
#71
Phenanthrene
Concen: 44.955 ng
RT: 11.368 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion:178 Resp: 91795
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.8 12.6 19.0

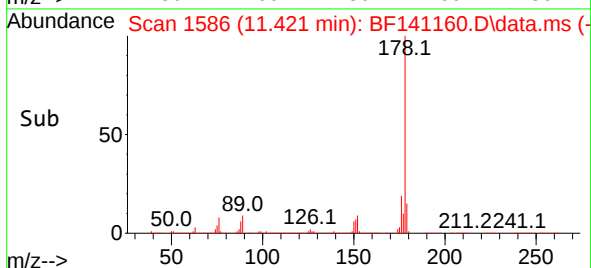
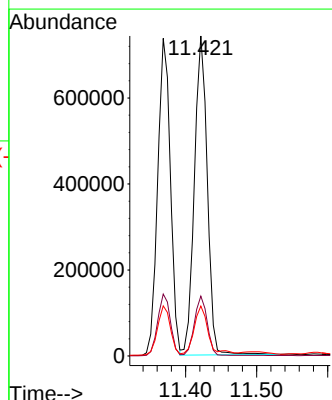
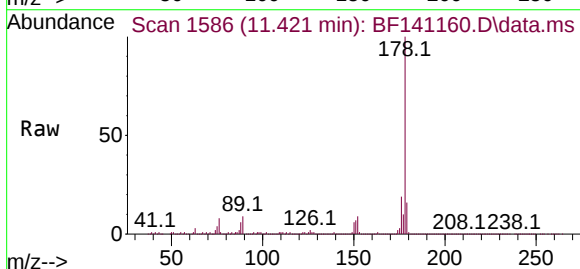
Manual Integrations
APPROVED

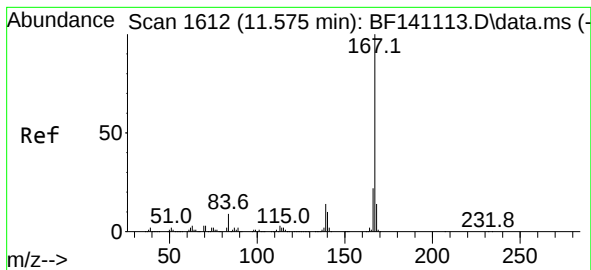
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#72
Anthracene
Concen: 47.377 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

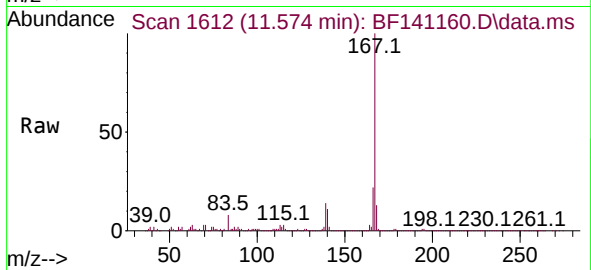
Tgt Ion:178 Resp: 940668
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 38.576 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF141160.D
 Acq: 14 Jan 2025 21:42

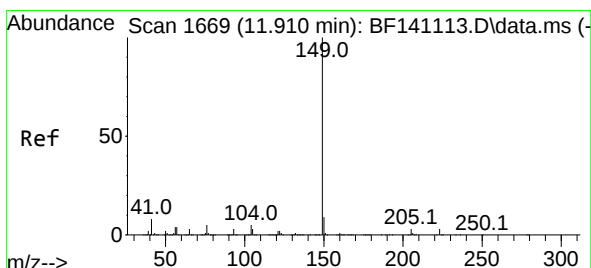
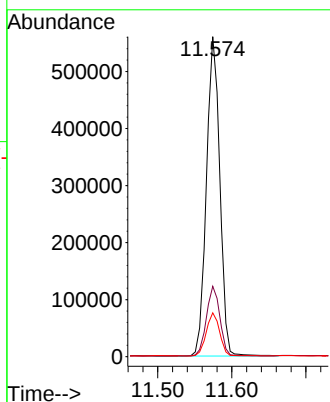
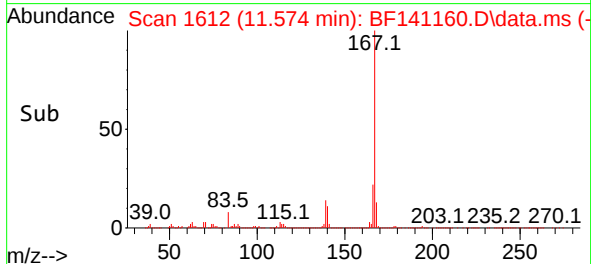
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MSD



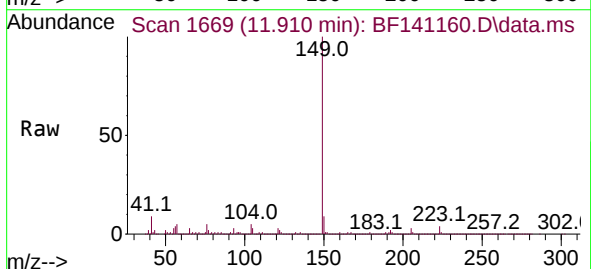
Tgt Ion:167 Resp: 702300
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.7 10.9 16.3

Manual Integrations
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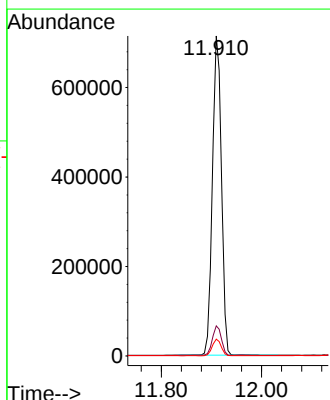
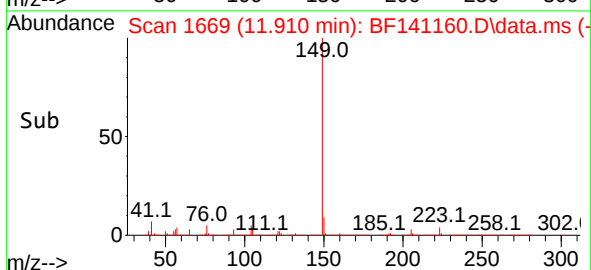
Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025

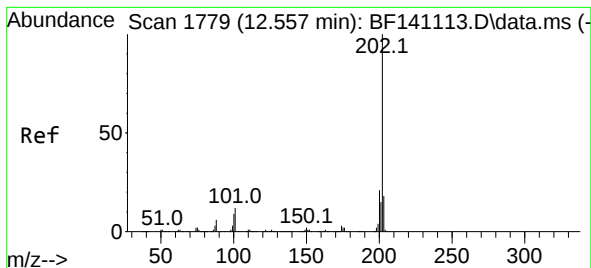


#74
 Di-n-butylphthalate
 Concen: 42.698 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF141160.D
 Acq: 14 Jan 2025 21:42



Tgt Ion:149 Resp: 889610
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 51.873 ng

RT: 12.562 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

Tgt Ion:202 Resp: 105699

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.3

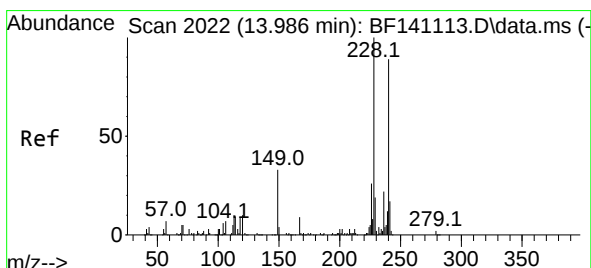
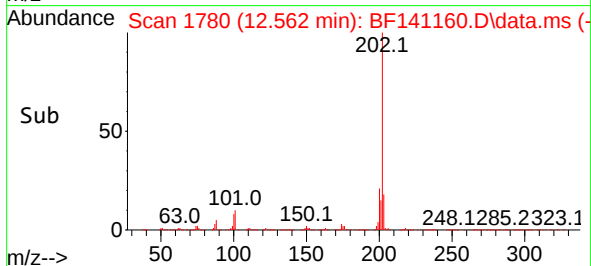
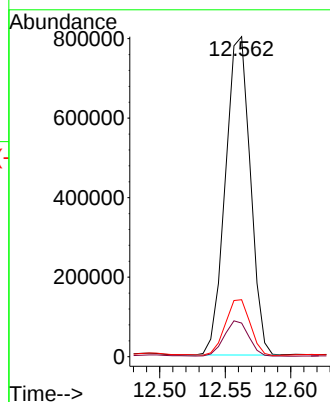
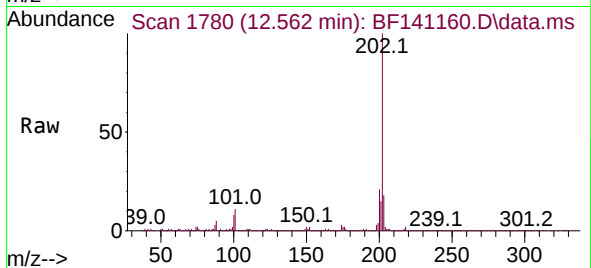
203 17.8 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

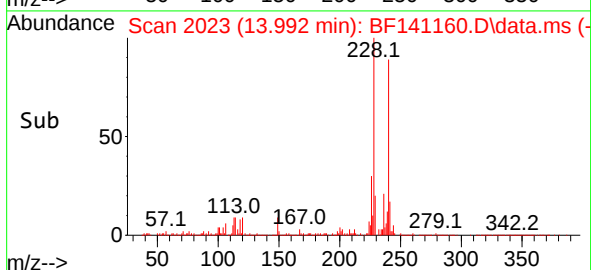
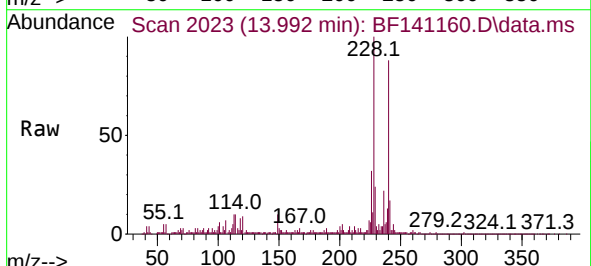
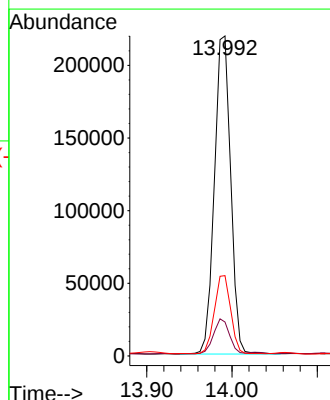
Tgt Ion:240 Resp: 290730

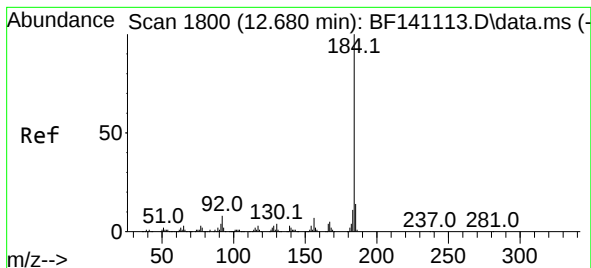
Ion Ratio Lower Upper

240 100

120 10.6 9.1 13.7

236 25.1 19.8 29.6





#77

Benzidine

Concen: 34.360 ng

RT: 12.680 min Scan# 1800

Delta R.T. -0.000 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

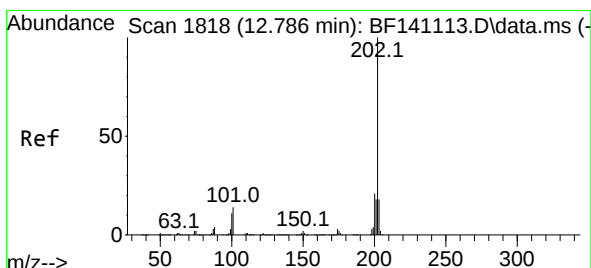
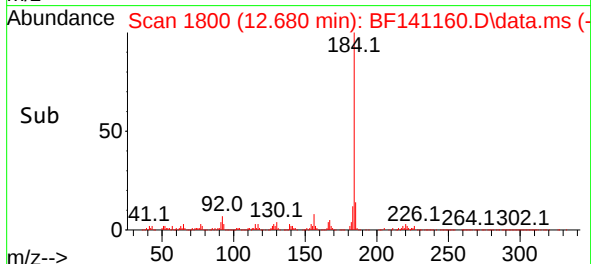
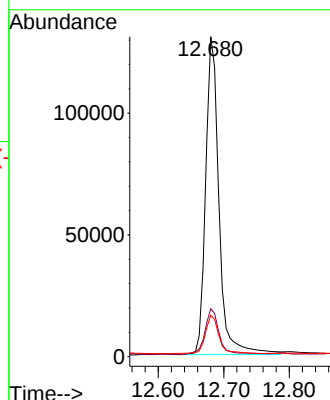
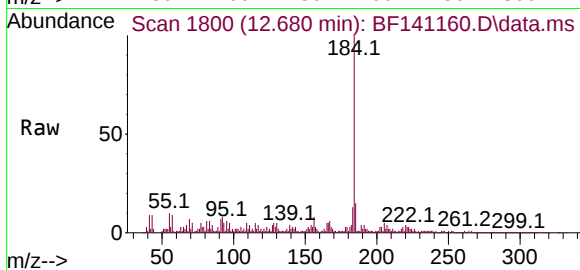
ClientSampleId :

TR-06-1-10-2025MSD

Tgt Ion:184 Resp: 18525
 Ion Ratio Lower Upper
 184 100
 185 15.0 11.4 17.0
 183 12.9 9.2 13.8

Manual Integrations
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Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025



#78

Pyrene

Concen: 44.933 ng

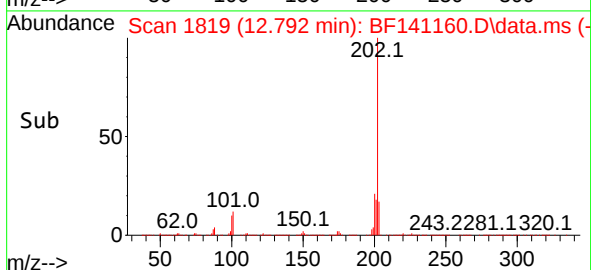
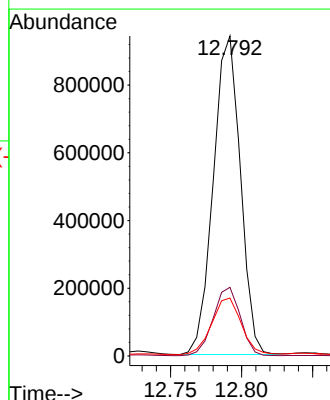
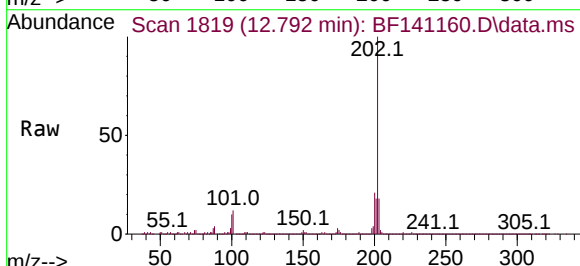
RT: 12.792 min Scan# 1819

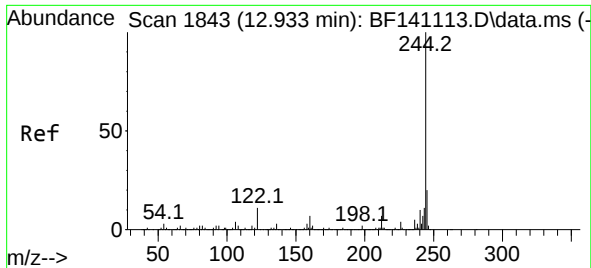
Delta R.T. 0.006 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

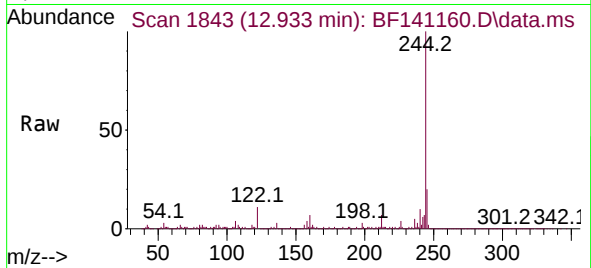
Tgt Ion:202 Resp: 1247719
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.8 25.2
 203 18.1 14.3 21.5





#79
 Terphenyl-d14
 Concen: 60.660 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141160.D
 Acq: 14 Jan 2025 21:42

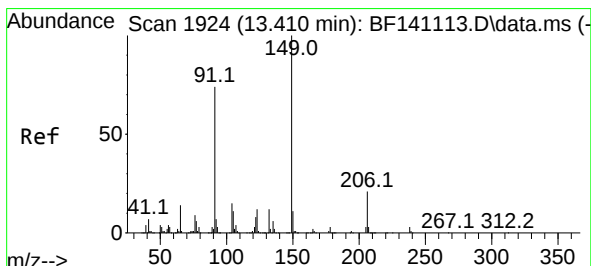
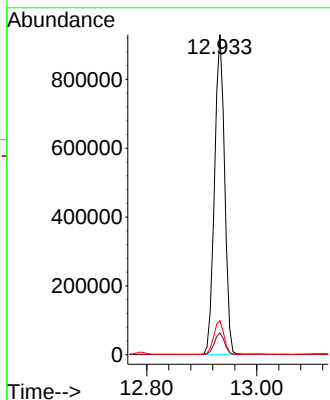
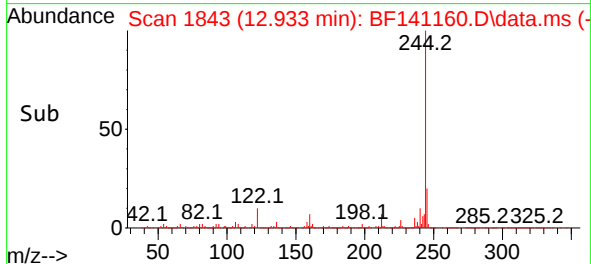
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MSD



Tgt Ion:244 Resp: 1186539
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.6 8.8 13.2

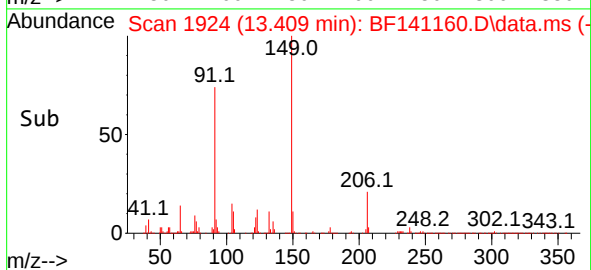
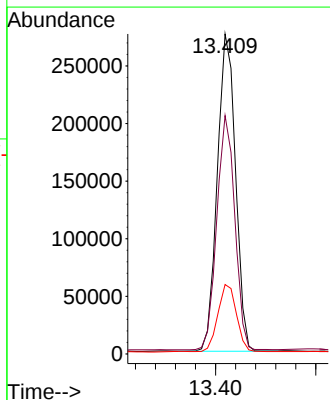
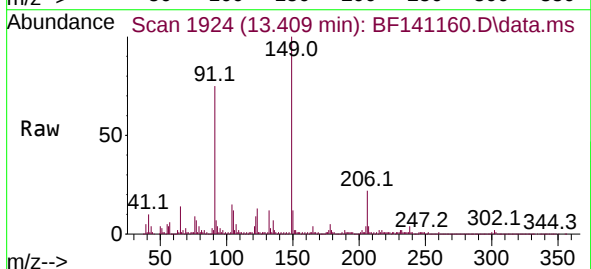
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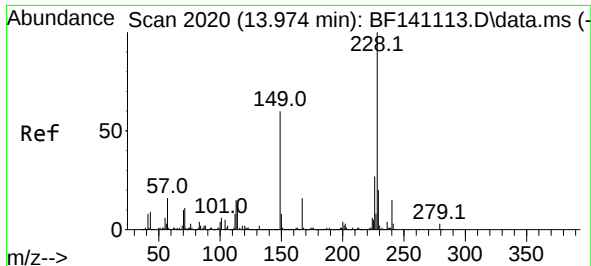
Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025



#80
 Butylbenzylphthalate
 Concen: 37.464 ng
 RT: 13.409 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF141160.D
 Acq: 14 Jan 2025 21:42

Tgt Ion:149 Resp: 346851
 Ion Ratio Lower Upper
 149 100
 91 74.5 59.0 88.6
 206 21.7 16.5 24.7





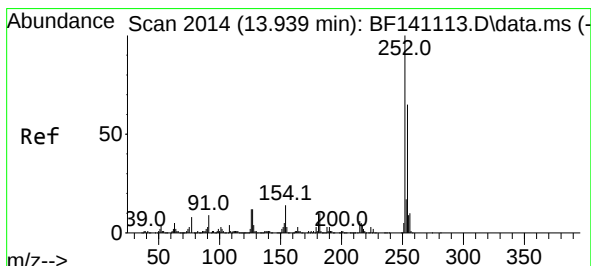
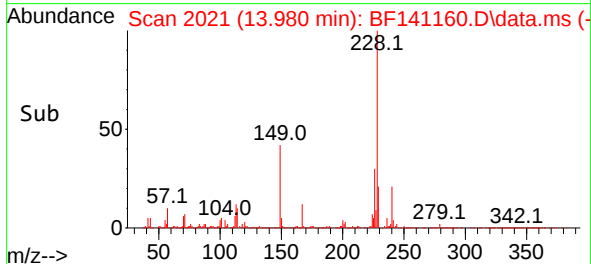
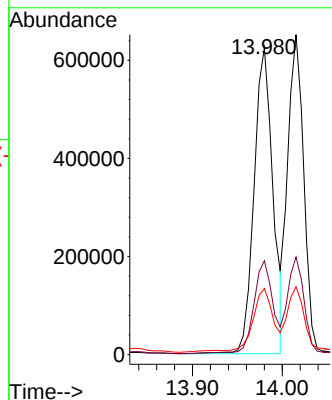
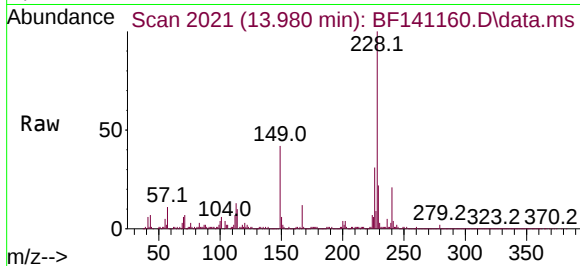
#81
Benzo(a)anthracene
Concen: 46.008 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion:228 Resp: 910314
Ion Ratio Lower Upper
228 100
226 30.6 21.7 32.5
229 21.6 15.7 23.5

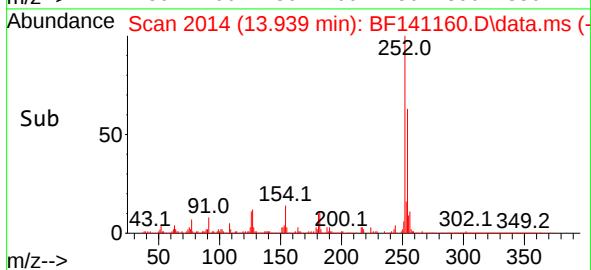
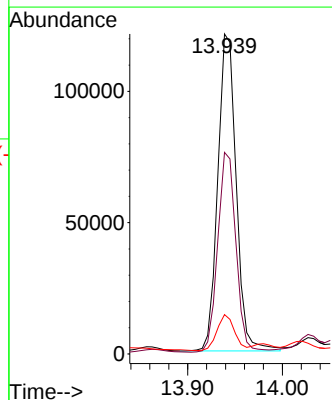
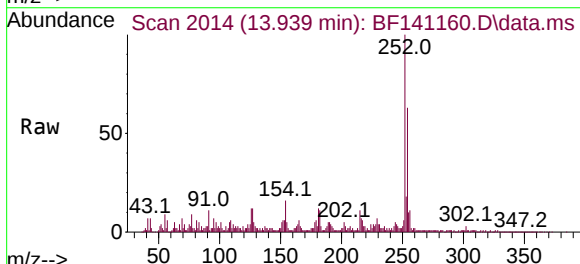
Manual Integrations
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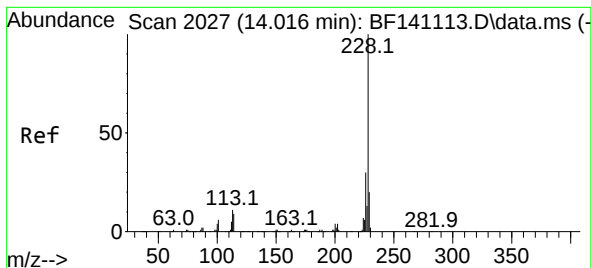
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#82
3,3'-Dichlorobenzidine
Concen: 26.021 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Tgt Ion:252 Resp: 163939
Ion Ratio Lower Upper
252 100
254 63.0 52.0 78.0
126 12.3 9.4 14.0





#83

Chrysene

Concen: 43.425 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

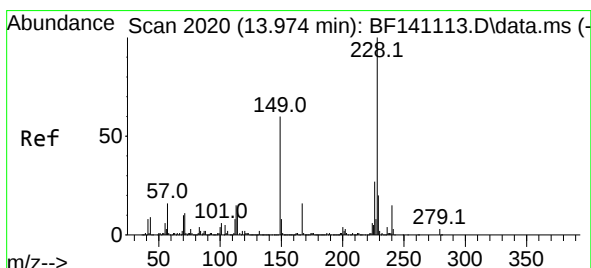
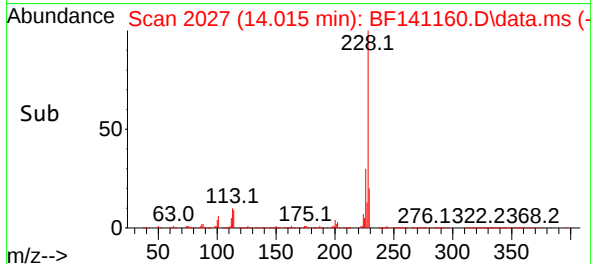
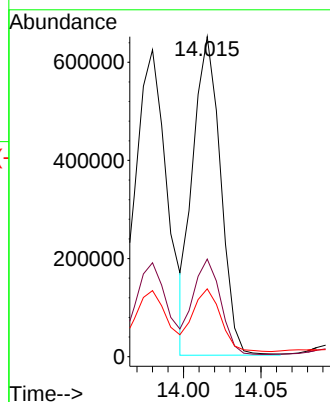
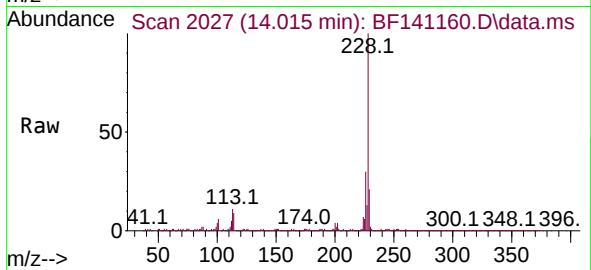
Tgt Ion:	228	Resp:	80394
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.8	35.8
229	21.2	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.113 ng

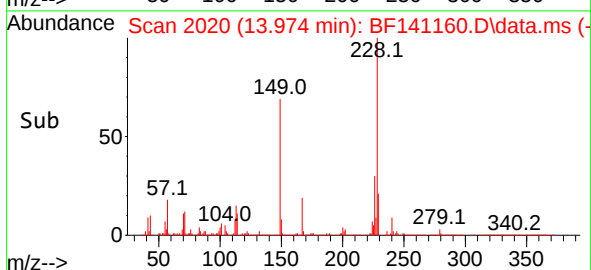
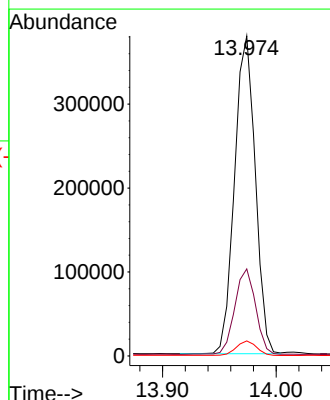
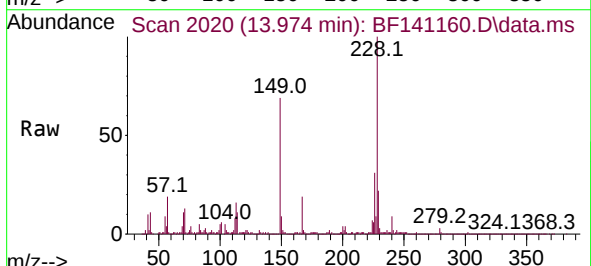
RT: 13.974 min Scan# 2020

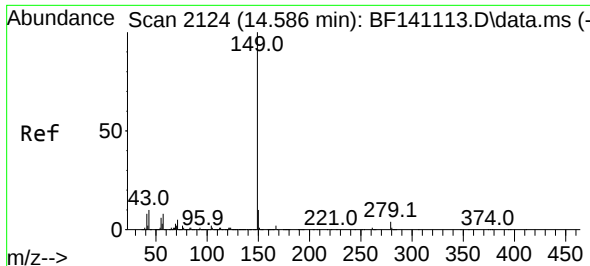
Delta R.T. -0.000 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

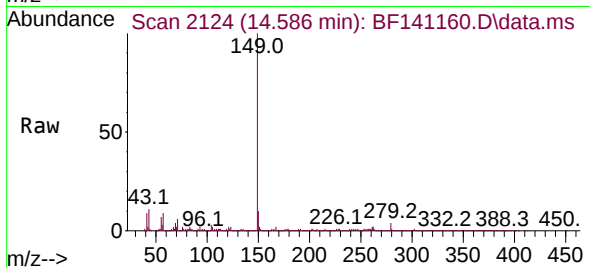
Tgt Ion:	149	Resp:	478921
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.4	32.2
279	4.7	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 46.756 ng
RT: 14.586 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

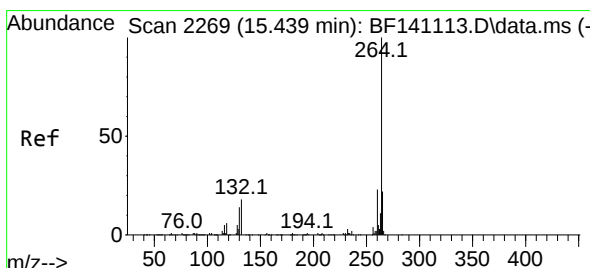
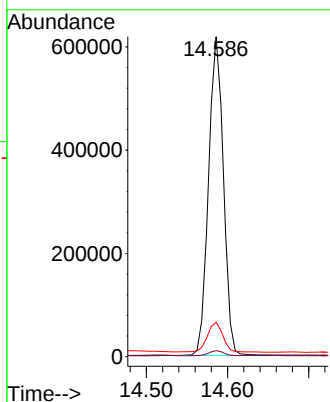
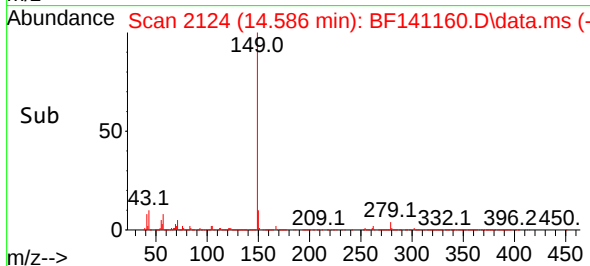
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion:149 Resp: 784314
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.4 12.6

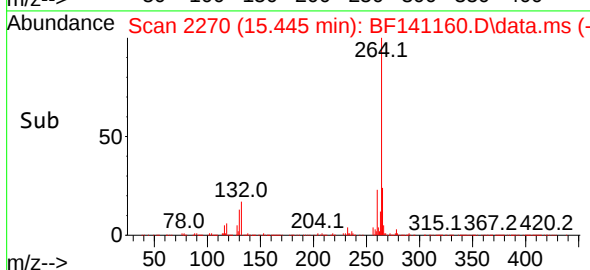
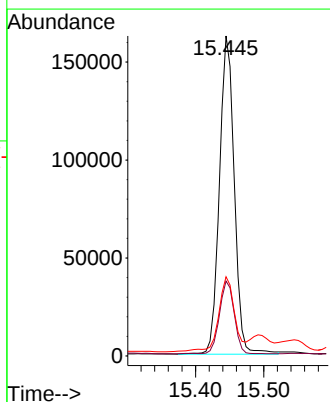
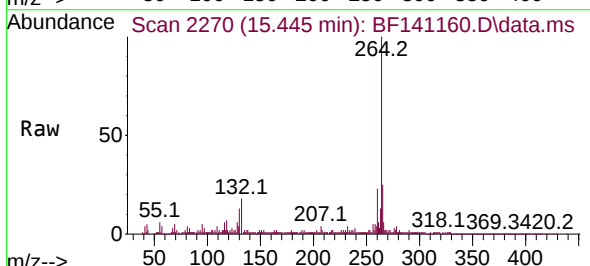
Manual Integrations
APPROVED

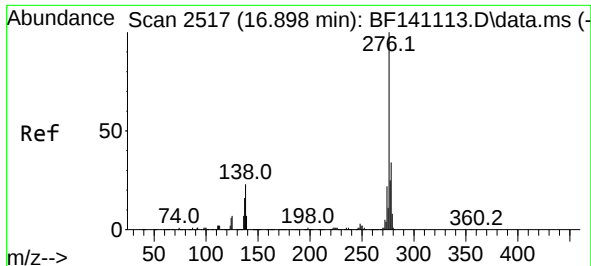
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

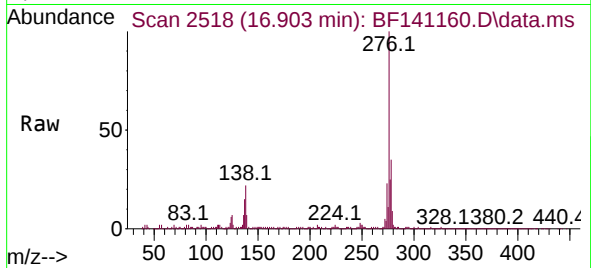
Tgt Ion:264 Resp: 246582
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 24.7 17.4 26.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.313 ng
 RT: 16.903 min Scan# 2518
 Delta R.T. 0.006 min
 Lab File: BF141160.D
 Acq: 14 Jan 2025 21:42

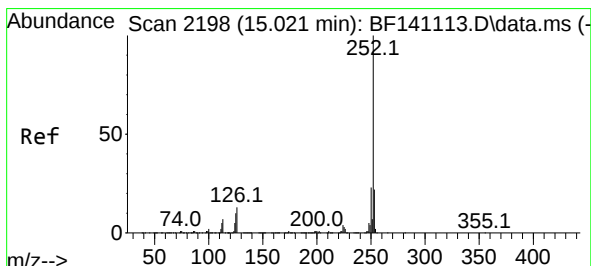
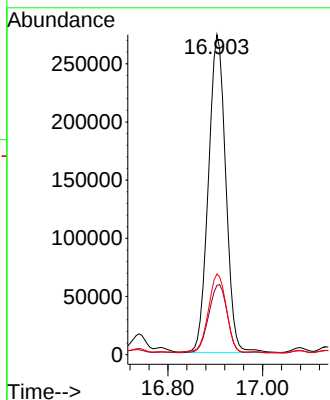
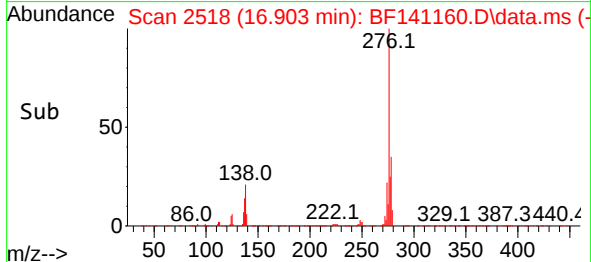
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MSD



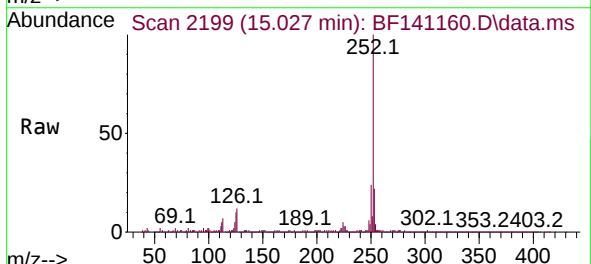
Tgt Ion:276 Resp: 692133
 Ion Ratio Lower Upper
 276 100
 138 22.8 20.7 31.1
 277 25.1 20.6 30.8

Manual Integrations
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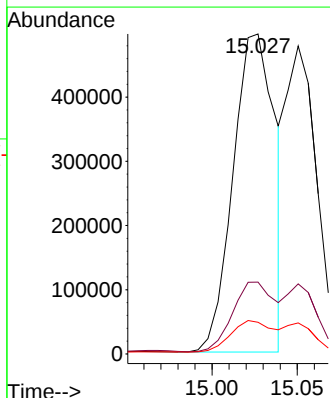
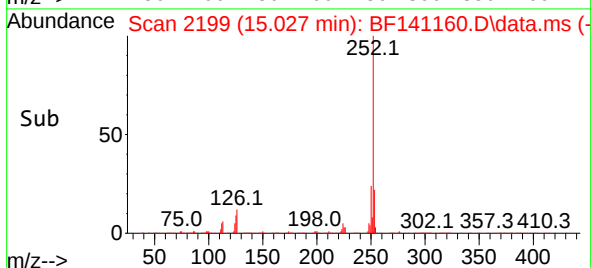
Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025

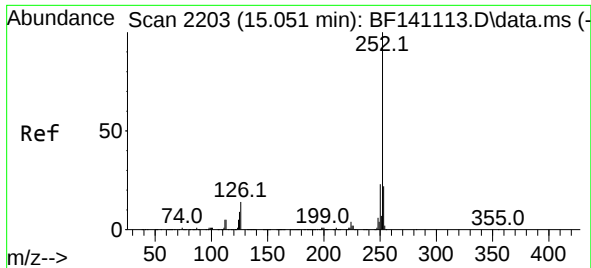


#88
 Benzo(b)fluoranthene
 Concen: 53.385 ng
 RT: 15.027 min Scan# 2199
 Delta R.T. 0.006 min
 Lab File: BF141160.D
 Acq: 14 Jan 2025 21:42



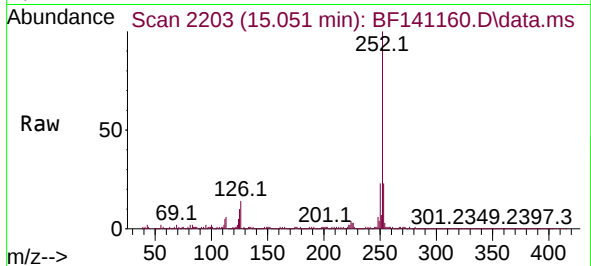
Tgt Ion:252 Resp: 848840
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.8 26.6
 125 9.9 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.491 ng m
RT: 15.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

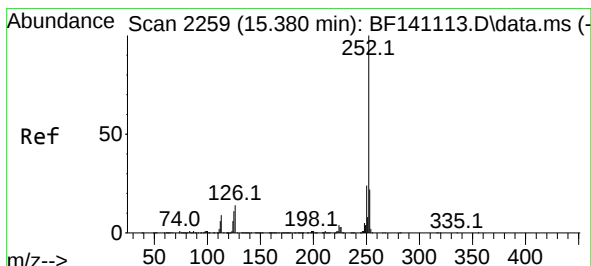
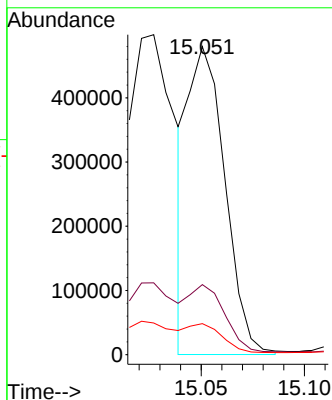
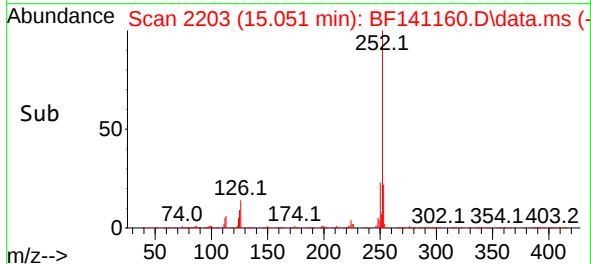
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



Tgt Ion:252 Resp: 59783
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.1 7.9 11.9

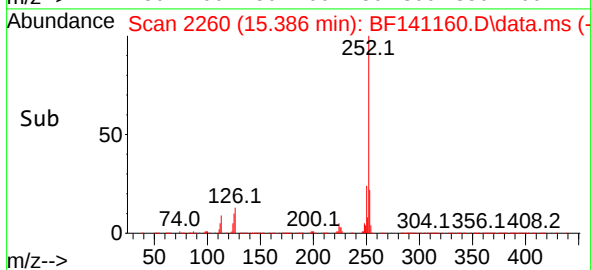
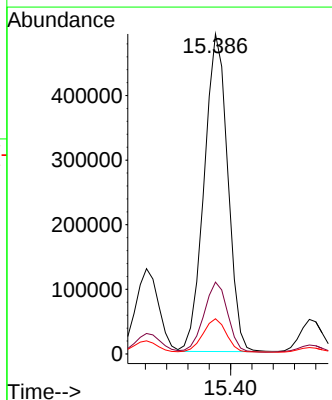
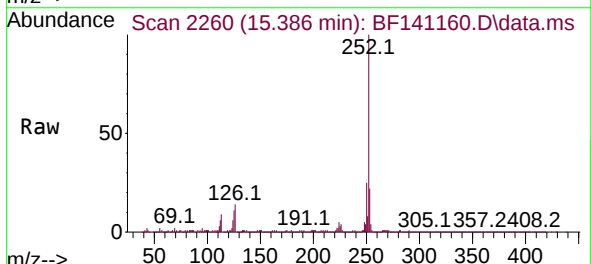
Manual Integrations
APPROVED

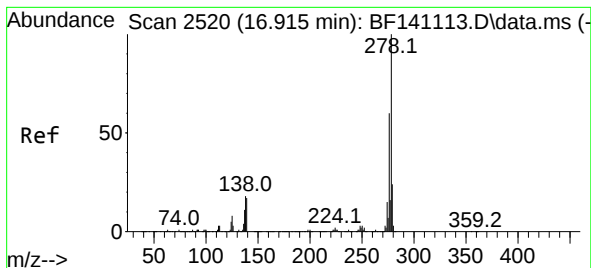
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#90
Benzo(a)pyrene
Concen: 57.664 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF141160.D
Acq: 14 Jan 2025 21:42

Tgt Ion:252 Resp: 756476
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.0 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 31.017 ng

RT: 16.921 min Scan# 2521

Delta R.T. 0.006 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

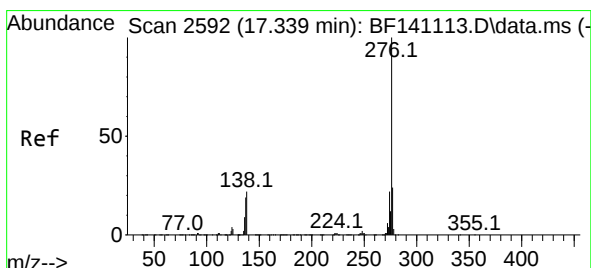
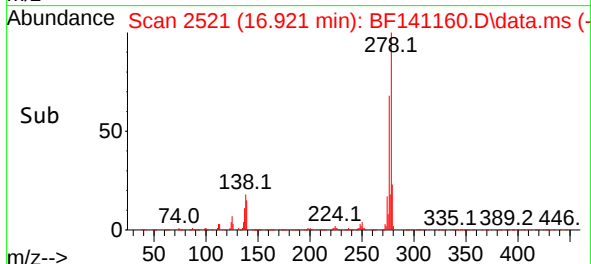
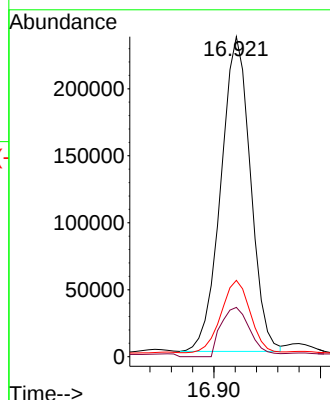
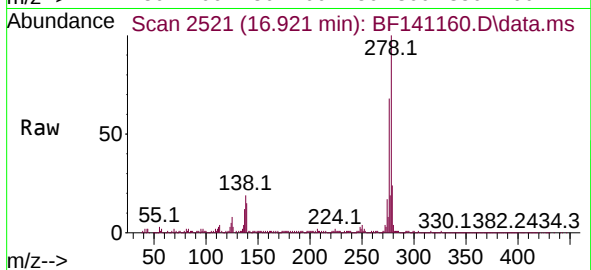
Tgt Ion:	278	Resp:	45319
Ion Ratio	Lower	Upper	
278	100		
139	15.4	13.8	20.6
279	23.9	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#92

Benzo(g,h,i)perylene

Concen: 39.858 ng

RT: 17.345 min Scan# 2593

Delta R.T. 0.006 min

Lab File: BF141160.D

Acq: 14 Jan 2025 21:42

Tgt Ion:	276	Resp:	605763
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.0	28.4
138	20.7	17.4	26.2

