

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
 Data File : BF144250.D
 Acq On : 13 Nov 2025 18:23
 Operator : RC/JU
 Sample : Q3609-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-713-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 14 00:44:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	58195	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	229697	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	134933	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	238893	20.000	ng	0.00
76) Chrysene-d12	14.045	240	123307	20.000	ng	0.00
86) Perylene-d12	15.521	264	150867	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	394146	105.987	ng	0.01
7) Phenol-d6	6.504	99	425282	100.928	ng	0.00
23) Nitrobenzene-d5	7.434	82	325935	81.953	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	217153	128.246	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	688286	75.338	ng	0.00
79) Terphenyl-d14	12.986	244	740989	95.452	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	48271	31.396	ng	# 81
3) Pyridine	3.499	79	124163	28.947	ng	98
4) n-Nitrosodimethylamine	3.434	42	87950	39.254	ng	98
6) Aniline	6.534	93	80006	13.326	ng	# 89
8) 2-Chlorophenol	6.657	128	144389	39.591	ng	98
9) Benzaldehyde	6.422	77	65389	27.481	ng	98
10) Phenol	6.516	94	167150	32.467	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	149569	39.871	ng	98
12) 1,3-Dichlorobenzene	6.810	146	147289	32.729	ng	98
13) 1,4-Dichlorobenzene	6.887	146	150521	33.385	ng	97
14) 1,2-Dichlorobenzene	7.034	146	149620	34.623	ng	98
15) Benzyl Alcohol	7.010	79	145902	43.728	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	269405	38.998	ng	93
17) 2-Methylphenol	7.122	107	116656	40.208	ng	95
18) Hexachloroethane	7.375	117	49209	32.852	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	116822	42.114	ng	96
20) 3+4-Methylphenols	7.275	107	141354	41.330	ng	# 89
22) Acetophenone	7.275	105	200802	40.751	ng	95
24) Nitrobenzene	7.451	77	168910	39.116	ng	99
25) Isophorone	7.686	82	319478	42.468	ng	99
26) 2-Nitrophenol	7.769	139	87878	41.111	ng	99
27) 2,4-Dimethylphenol	7.804	122	148121	46.232	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	196087	41.741	ng	97
29) 2,4-Dichlorophenol	8.010	162	151088	40.915	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	145252	38.306	ng	98
31) Naphthalene	8.169	128	413818	37.873	ng	100
32) Benzoic acid	7.928	122	71186	30.311	ng	97
33) 4-Chloroaniline	8.222	127	36729	9.217	ng	99
34) Hexachlorobutadiene	8.286	225	102260	35.784	ng	99
35) Caprolactam	8.592	113	39791m	39.331	ng	
36) 4-Chloro-3-methylphenol	8.704	107	151271	45.709	ng	96
37) 2-Methylnaphthalene	8.863	142	273654	37.459	ng	99
38) 1-Methylnaphthalene	8.963	142	272255	38.624	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	171360	38.750	ng	98
41) Hexachlorocyclopentadiene	9.016	237	152786	85.919	ng	96
43) 2,4,6-Trichlorophenol	9.145	196	125399	41.663	ng	98

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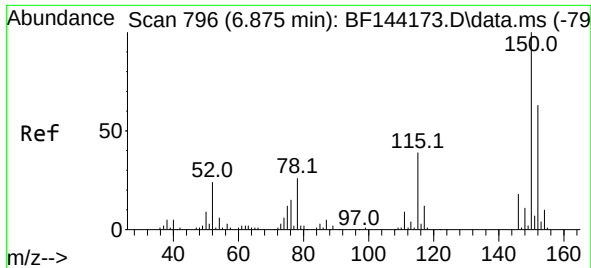
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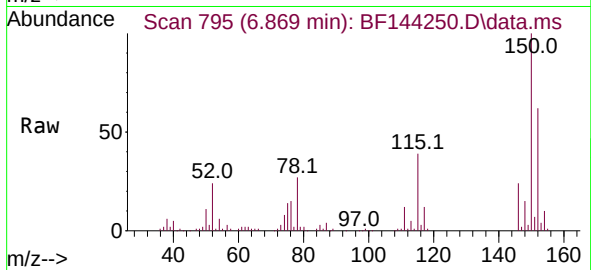
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	136698	42.140	ng	98
46) 1,1'-Biphenyl	9.328	154	383537	40.721	ng	99
47) 2-Chloronaphthalene	9.351	162	317969	39.577	ng	99
48) 2-Nitroaniline	9.451	65	106563	45.969	ng	99
49) Acenaphthylene	9.769	152	507550	46.358	ng	100
50) Dimethylphthalate	9.628	163	401024	44.862	ng	100
51) 2,6-Dinitrotoluene	9.692	165	86997	48.077	ng	97
52) Acenaphthene	9.939	154	273524	37.359	ng	97
53) 3-Nitroaniline	9.863	138	30849	15.595	ng	97
54) 2,4-Dinitrophenol	9.975	184	80730	73.881	ng	93
55) Dibenzofuran	10.116	168	423800	41.330	ng	98
56) 4-Nitrophenol	10.033	139	98651	68.943	ng	89
57) 2,4-Dinitrotoluene	10.098	165	115069	47.501	ng	93
58) Fluorene	10.457	166	339719	43.575	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	107286	46.746	ng	97
60) Diethylphthalate	10.327	149	377673	45.832	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	182469	41.088	ng	94
62) 4-Nitroaniline	10.480	138	82973	44.045	ng	96
63) Azobenzene	10.610	77	364150	47.482	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	59643	36.751	ng	98
66) n-Nitrosodiphenylamine	10.569	169	336563	43.804	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	128200	42.043	ng	97
68) Hexachlorobenzene	11.004	284	157053	43.728	ng	99
69) Atrazine	11.098	200	111108	45.471	ng	99
70) Pentachlorophenol	11.204	266	149471	83.574	ng	98
71) Phenanthrene	11.422	178	511800	43.030	ng	99
72) Anthracene	11.474	178	518491	42.871	ng	99
73) Carbazole	11.633	167	442517	43.029	ng	100
74) Di-n-butylphthalate	11.957	149	529764	42.611	ng	100
75) Fluoranthene	12.616	202	507242	41.284	ng	100
77) Benzidine	12.739	184	60858	16.686	ng	98
78) Pyrene	12.845	202	498975	50.188	ng	100
80) Butylbenzylphthalate	13.457	149	160731	46.645	ng	99
81) Benzo(a)anthracene	14.033	228	377622	44.186	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	39060	13.334	ng	96
83) Chrysene	14.074	228	363448	46.069	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	190546	40.395	ng	98
85) Di-n-octyl phthalate	14.633	149	328972	40.421	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	495479	45.751	ng	100
88) Benzo(b)fluoranthene	15.092	252	368684	42.985	ng	99
89) Benzo(k)fluoranthene	15.121	252	377355	47.004	ng	98
90) Benzo(a)pyrene	15.462	252	370346	46.804	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	410117	47.153	ng	98
92) Benzo(g,h,i)perylene	17.480	276	400051	46.578	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

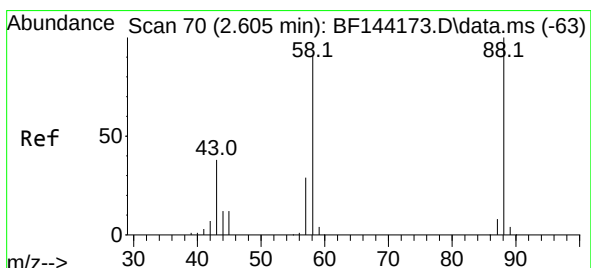
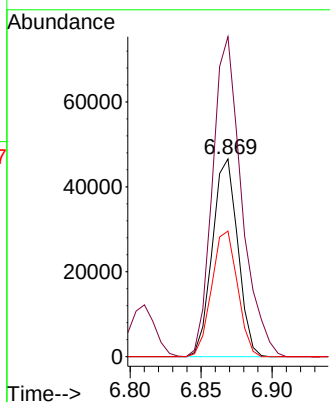
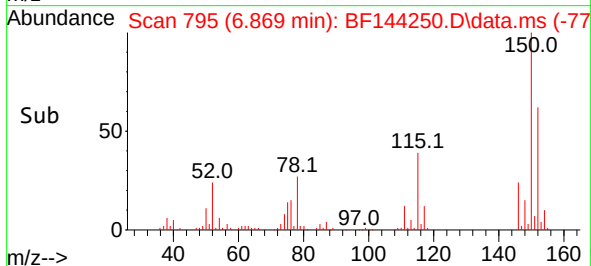
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



Tgt Ion:152 Resp: 58195
Ion Ratio Lower Upper
152 100
150 161.9 127.4 191.0
115 63.5 49.5 74.3

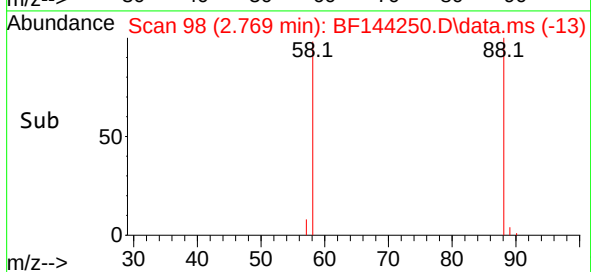
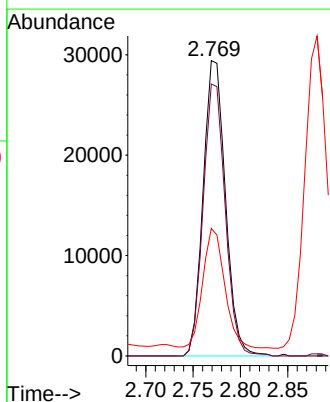
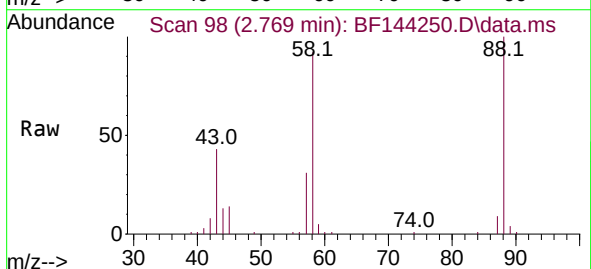
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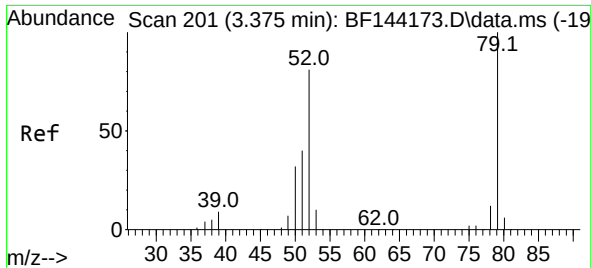
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 31.396 ng
RT: 2.769 min Scan# 98
Delta R.T. 0.153 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Tgt Ion: 88 Resp: 48271
Ion Ratio Lower Upper
88 100
58 91.0 73.1 109.7
43 0.0 31.0 46.6





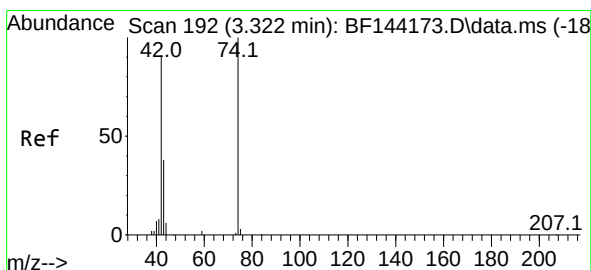
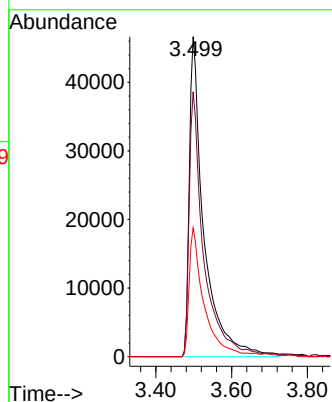
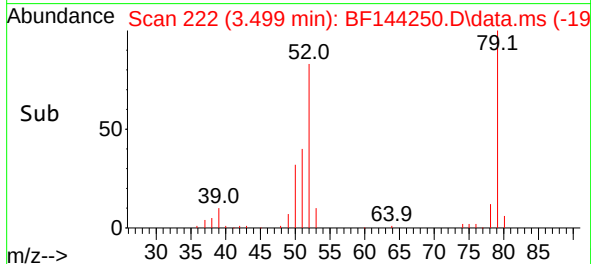
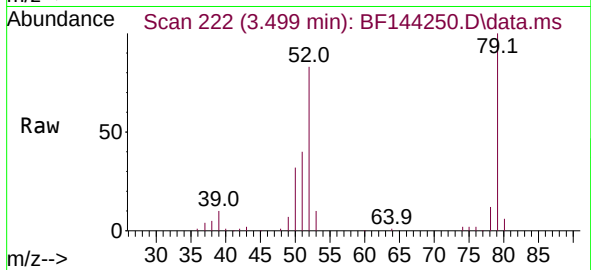
#3
Pyridine
Concen: 28.947 ng
RT: 3.499 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD

Tgt Ion: 79 Resp: 124163
Ion Ratio Lower Upper
79 100
52 82.8 64.5 96.7
51 40.2 31.7 47.5

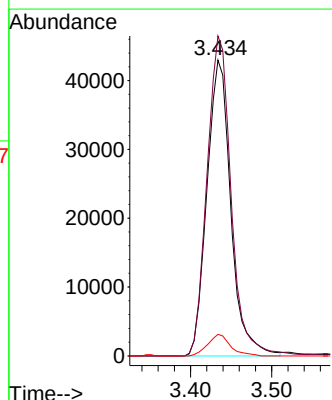
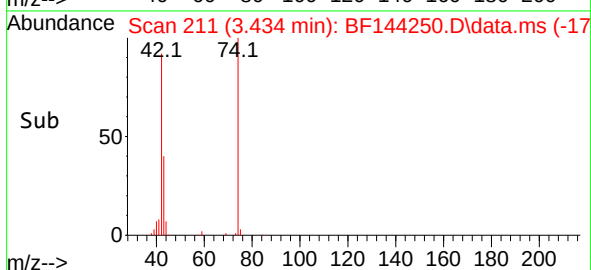
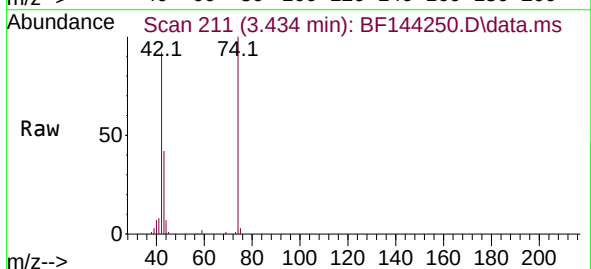
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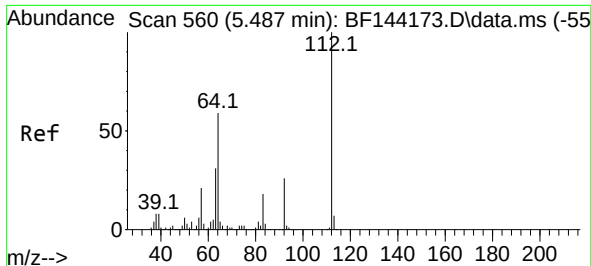
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 39.254 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Tgt Ion: 42 Resp: 87950
Ion Ratio Lower Upper
42 100
74 108.2 88.2 132.4
44 7.3 5.7 8.5





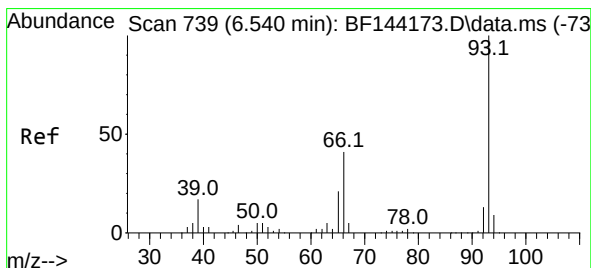
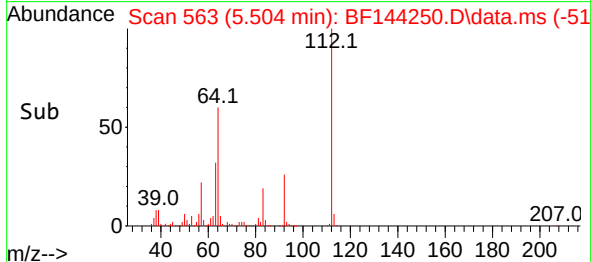
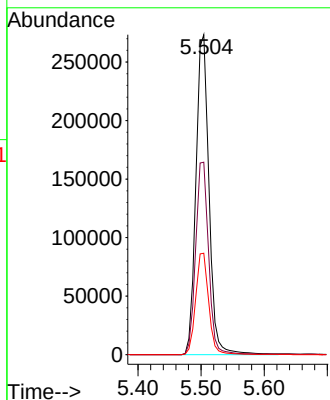
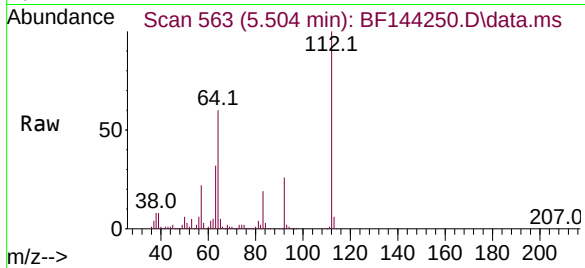
#5
2-Fluorophenol
Concen: 105.987 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 394146
Ion Ratio Lower Upper
112 100
64 60.1 47.2 70.8
63 31.7 24.4 36.6

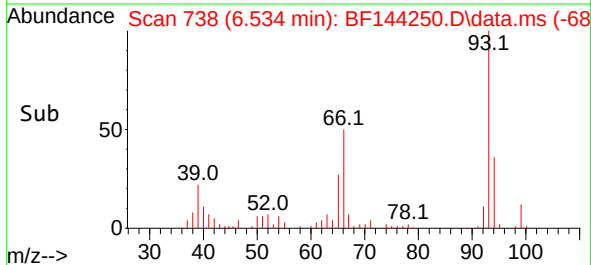
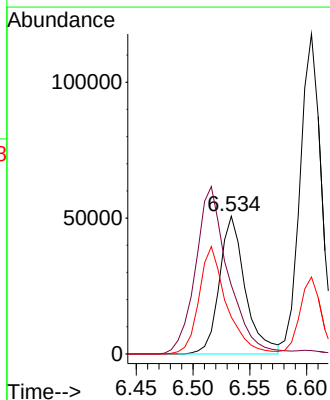
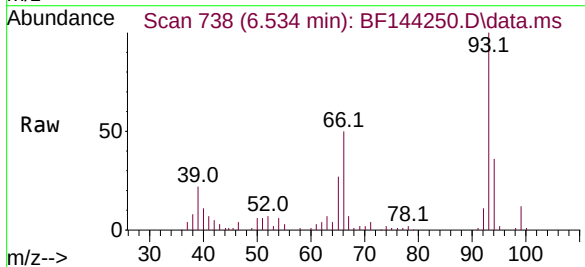
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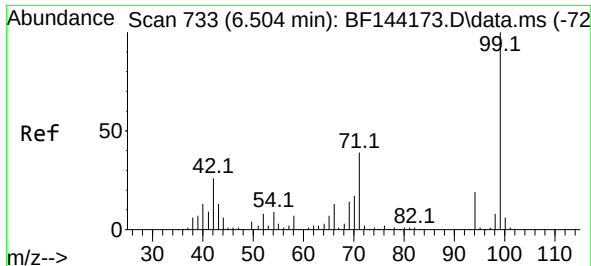
Reviewed By :Jagrut Upadhyay 11/14/2025
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#6
Aniline
Concen: 13.326 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

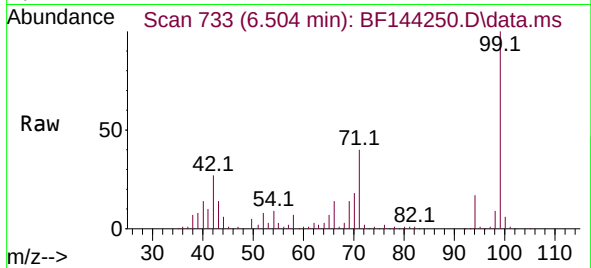
Tgt Ion: 93 Resp: 80006
Ion Ratio Lower Upper
93 100
66 49.8 34.3 51.5
65 26.6 16.9 25.3#





#7
Phenol-d6
Concen: 100.928 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

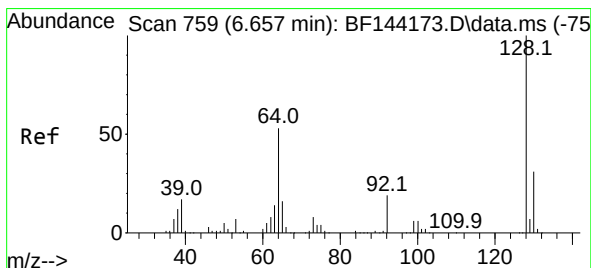
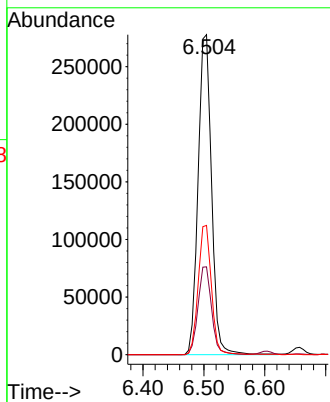
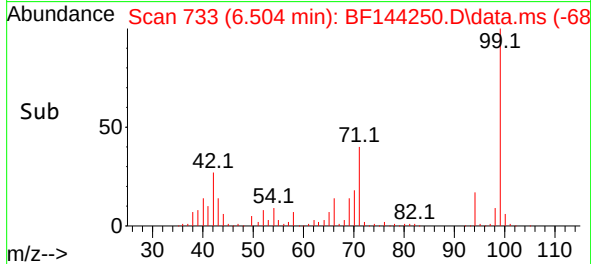
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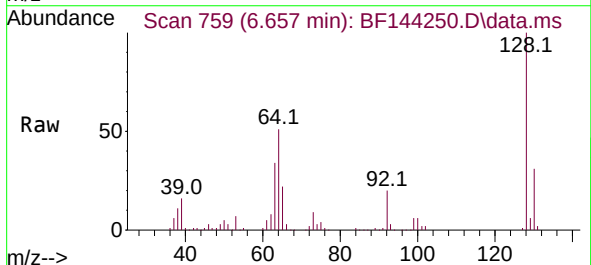
Tgt Ion: 99 Resp: 425282
Ion Ratio Lower Upper
99 100
42 27.4 20.9 31.3
71 40.4 31.4 47.2

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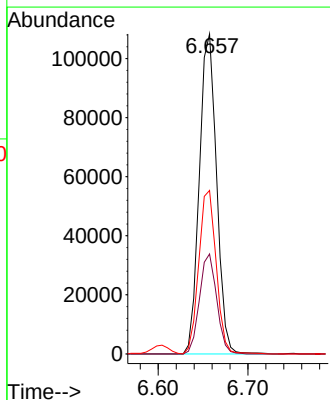
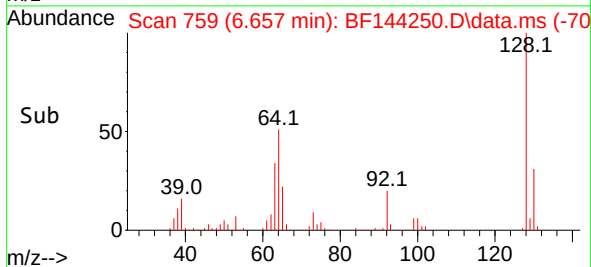
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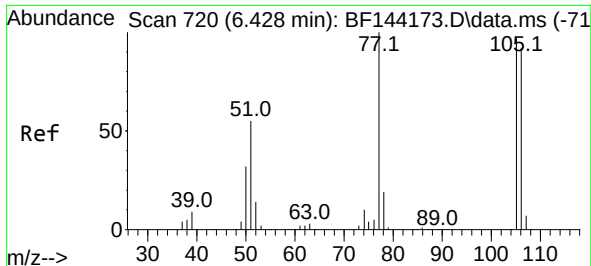


#8
2-Chlorophenol
Concen: 39.591 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



Tgt Ion:128 Resp: 144389
Ion Ratio Lower Upper
128 100
130 31.2 10.5 50.5
64 51.1 33.2 73.2





#9

Benzaldehyde

Concen: 27.481 ng

RT: 6.422 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

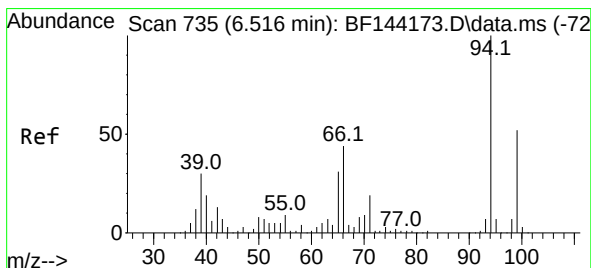
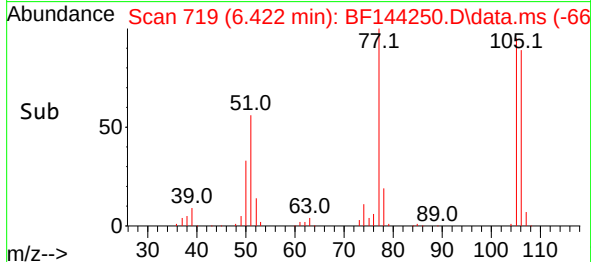
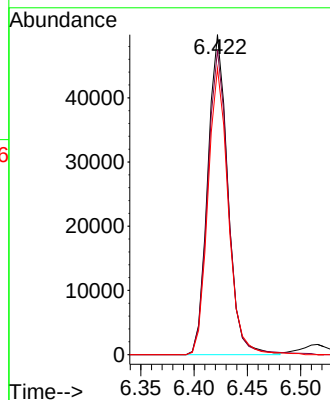
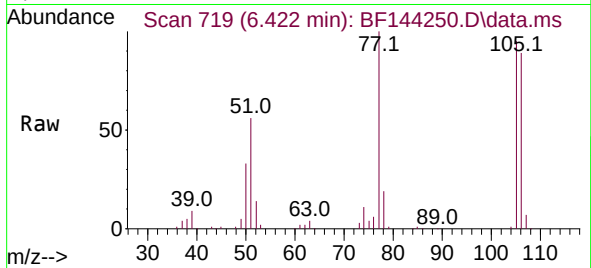
AU-713-COMP-01MSD

Tgt Ion:	77	Resp:	65389
Ion	Ratio	Lower	Upper
77	100		
105	95.2	77.2	117.2
106	89.5	72.2	112.2

Manual Integrations

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#10

Phenol

Concen: 32.467 ng

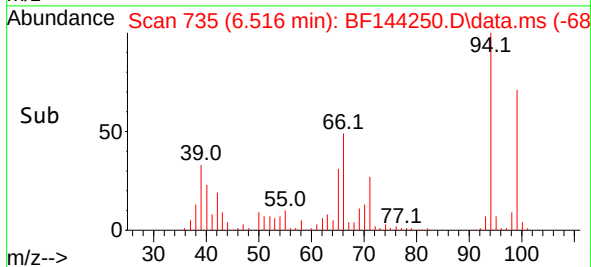
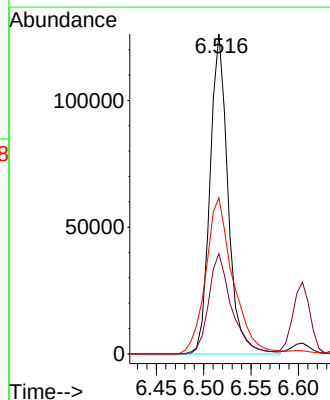
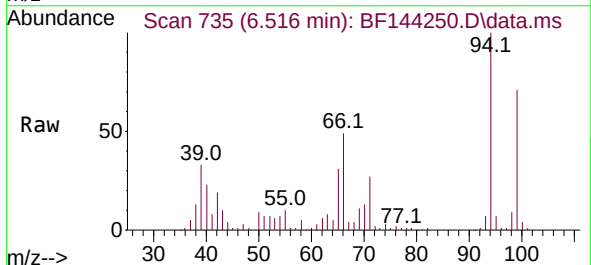
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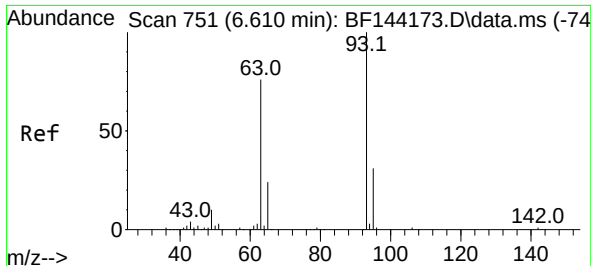
Delta R.T. 0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Tgt Ion:	94	Resp:	167150
Ion	Ratio	Lower	Upper
94	100		
65	31.3	10.8	50.8
66	48.8	24.3	64.3





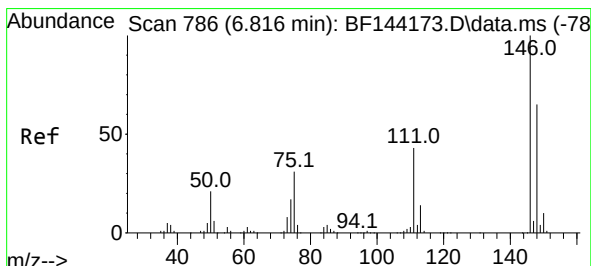
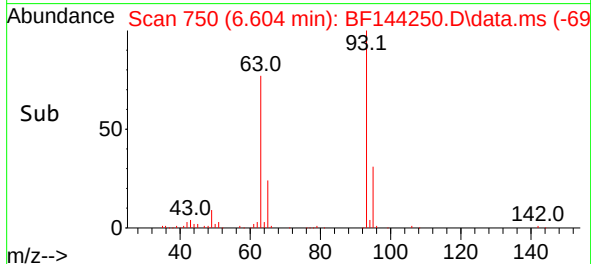
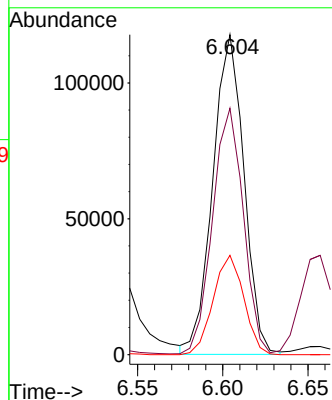
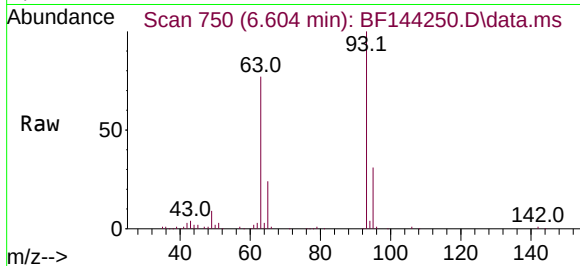
#11
bis(2-Chloroethyl)ether
Concen: 39.871 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD

Tgt Ion: 93 Resp: 149569
Ion Ratio Lower Upper
93 100
63 77.0 55.2 95.2
95 31.0 11.2 51.2

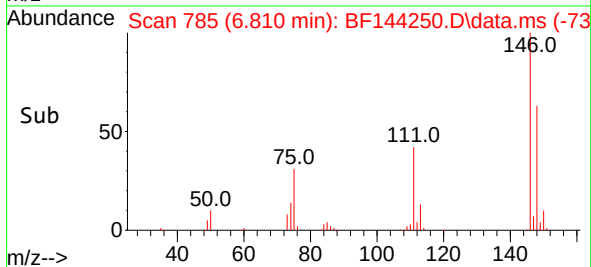
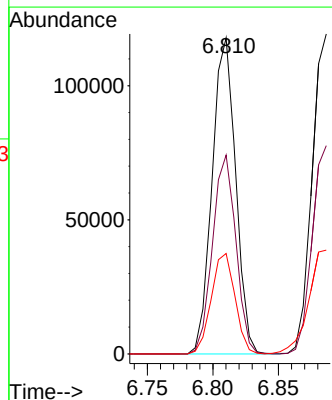
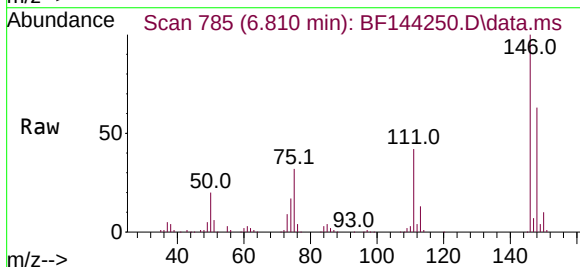
Manual Integrations
APPROVED

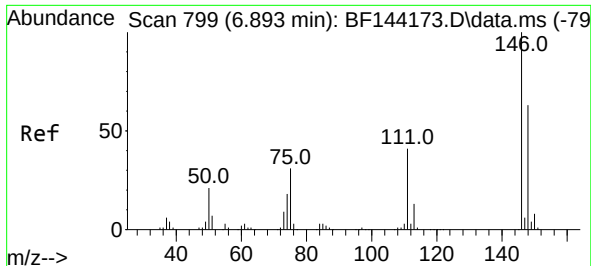
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 32.729 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Tgt Ion:146 Resp: 147289
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 31.7 25.0 37.4





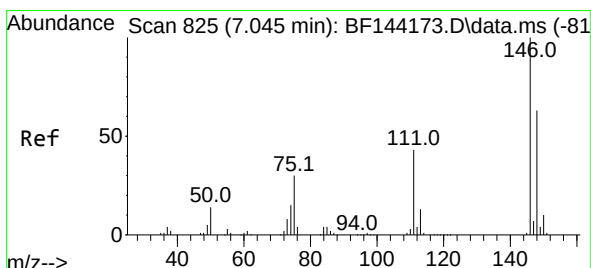
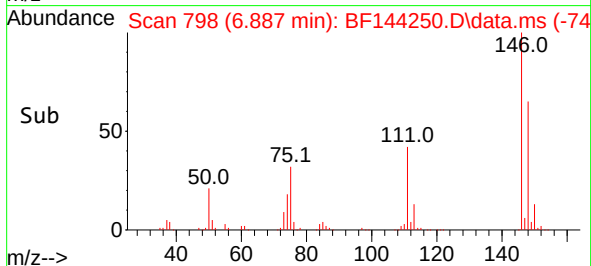
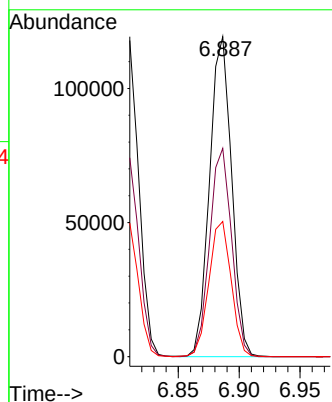
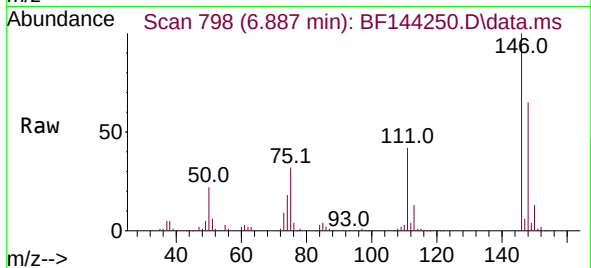
#13
1,4-Dichlorobenzene
Concen: 33.385 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD

Tgt Ion:146 Resp: 150521
Ion Ratio Lower Upper
146 100
148 65.1 50.2 75.2
111 42.2 32.6 48.8

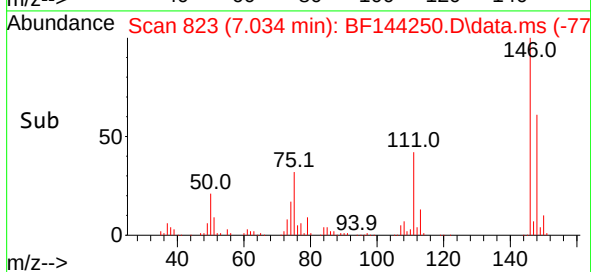
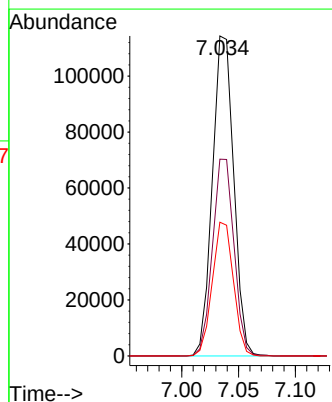
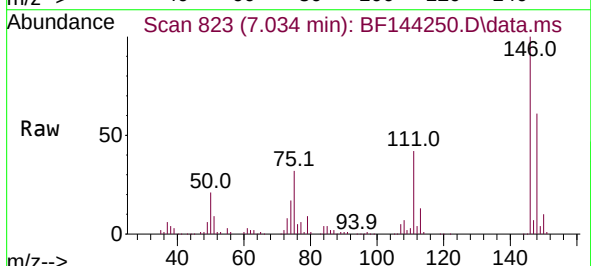
Manual Integrations
APPROVED

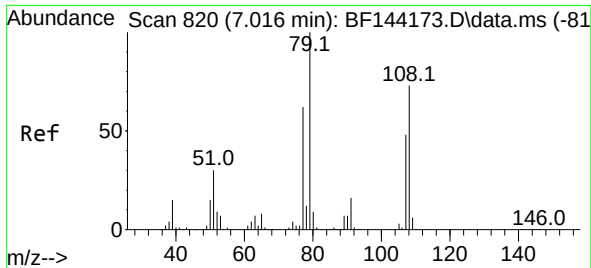
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#14
1,2-Dichlorobenzene
Concen: 34.623 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Tgt Ion:146 Resp: 149620
Ion Ratio Lower Upper
146 100
148 61.5 50.7 76.1
111 41.8 34.2 51.4





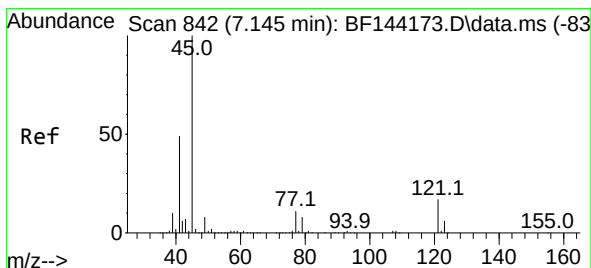
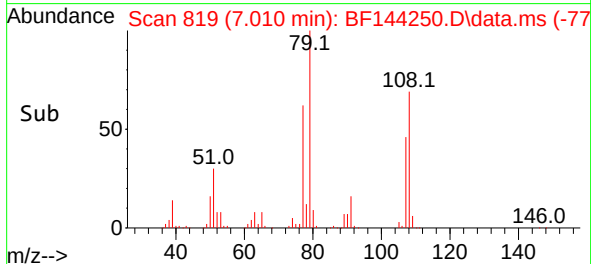
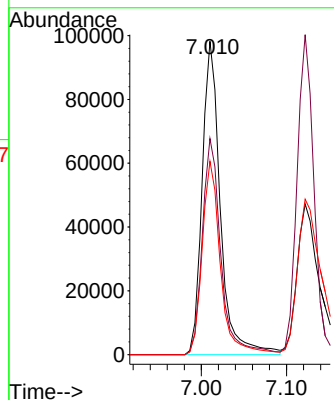
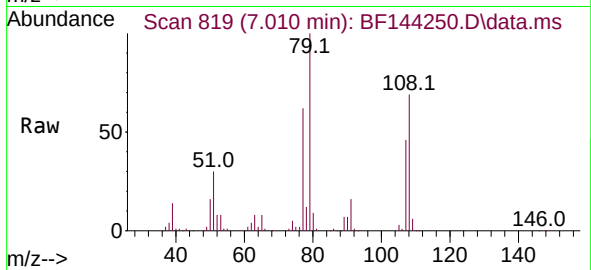
#15
Benzyl Alcohol
Concen: 43.728 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD

Tgt Ion: 79 Resp: 145902
Ion Ratio Lower Upper
79 100
108 68.9 58.2 87.4
77 61.7 49.9 74.9

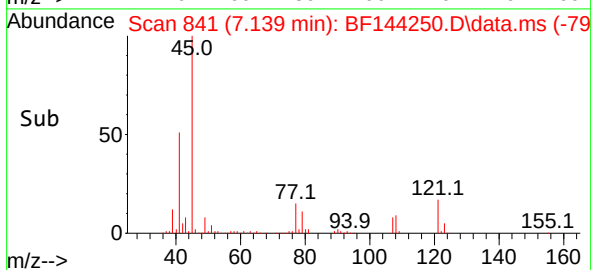
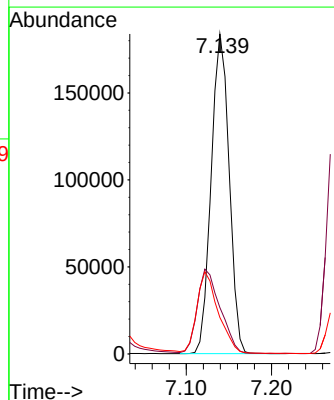
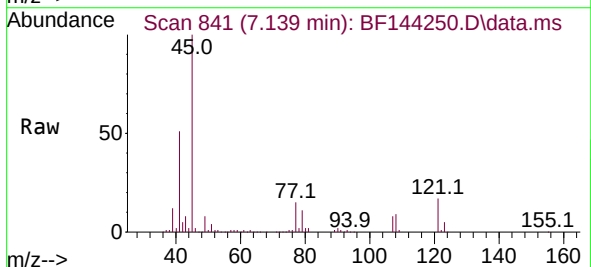
Manual Integrations
APPROVED

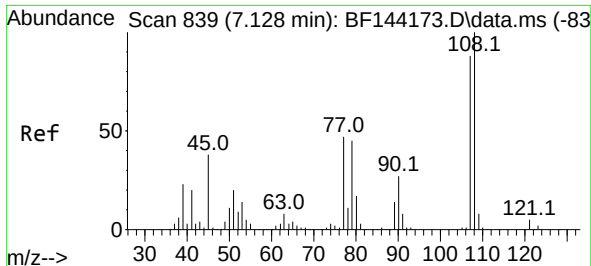
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.998 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

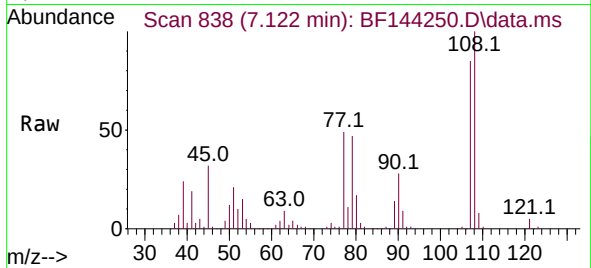
Tgt Ion: 45 Resp: 269405
Ion Ratio Lower Upper
45 100
77 14.5 0.0 31.8
79 11.4 0.0 29.1





#17
2-Methylphenol
Concen: 40.208 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

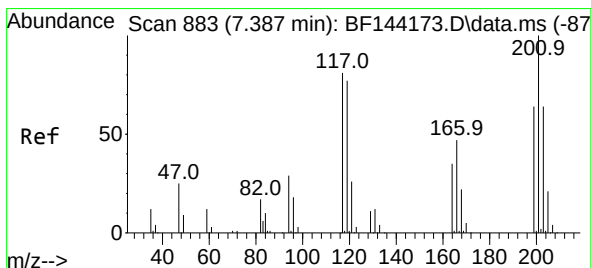
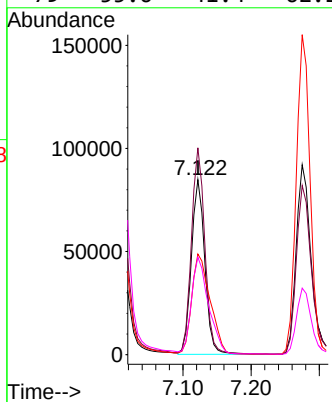
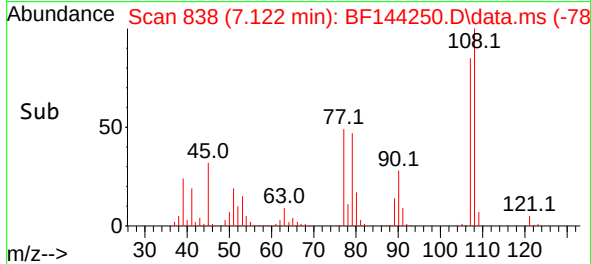
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



Tgt Ion:107 Resp: 116656
Ion Ratio Lower Upper
107 100
108 118.2 91.0 136.4
77 57.4 42.7 64.1
79 55.6 41.4 62.2

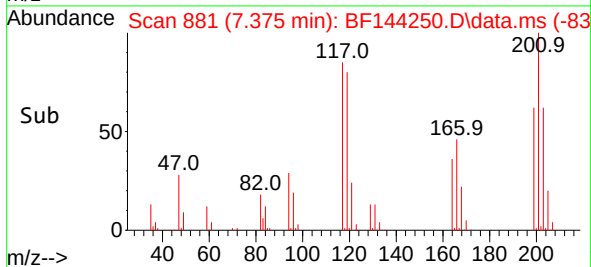
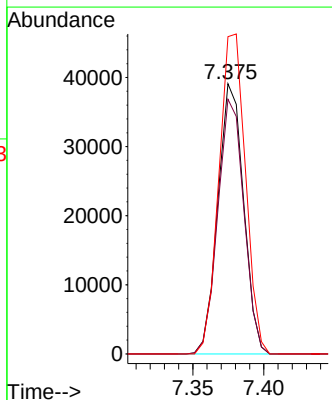
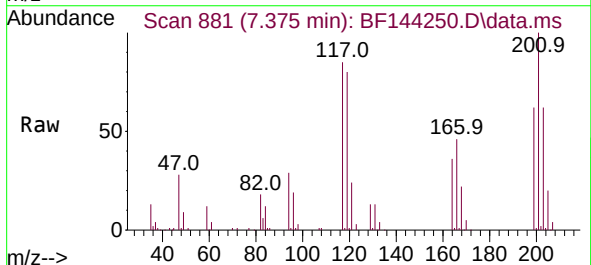
Manual Integrations
APPROVED

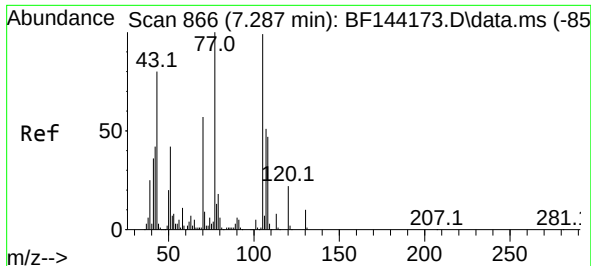
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#18
Hexachloroethane
Concen: 32.852 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

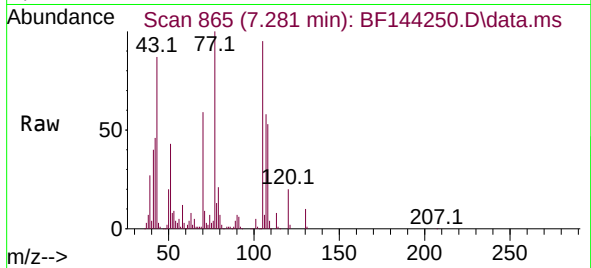
Tgt Ion:117 Resp: 49209
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8
201 117.4 98.9 148.3





#19
n-Nitroso-di-n-propylamine
Concen: 42.114 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

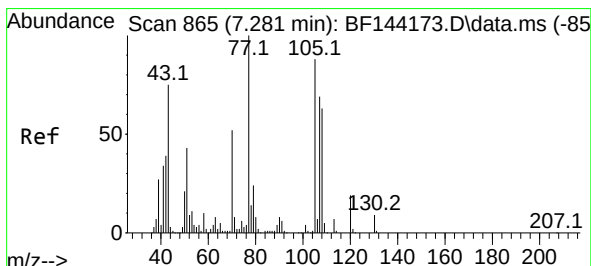
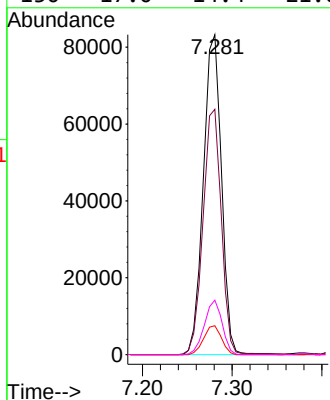
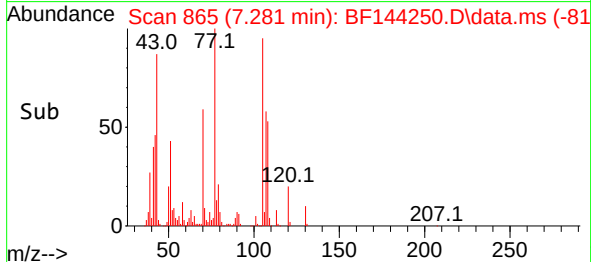
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



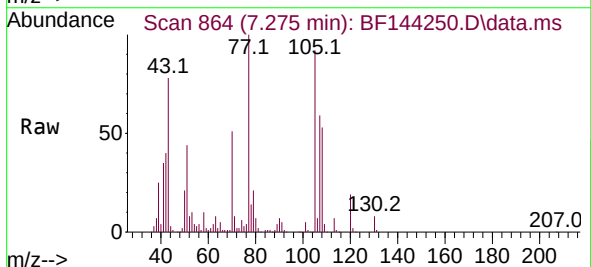
Tgt Ion: 70 Resp: 116822
Ion Ratio Lower Upper
70 100
42 76.7 58.3 87.5
101 9.0 7.0 10.6
130 17.0 14.4 21.6

Manual Integrations
APPROVED

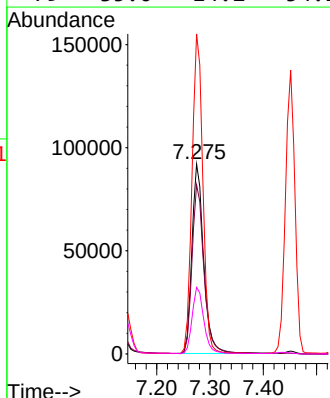
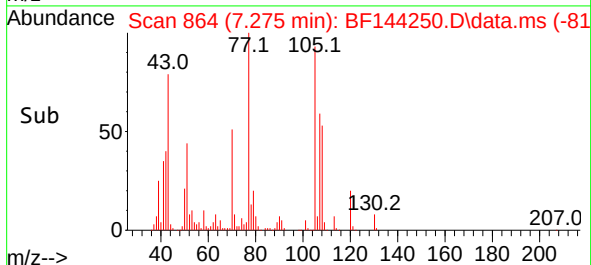
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

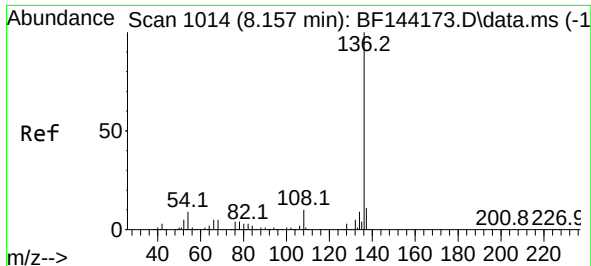


#20
3+4-Methylphenols
Concen: 41.330 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



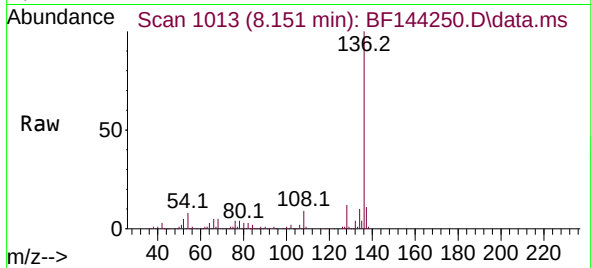
Tgt Ion:107 Resp: 141354
Ion Ratio Lower Upper
107 100
108 89.0 70.2 110.2
77 168.5 123.9 163.9#
79 35.0 14.2 54.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

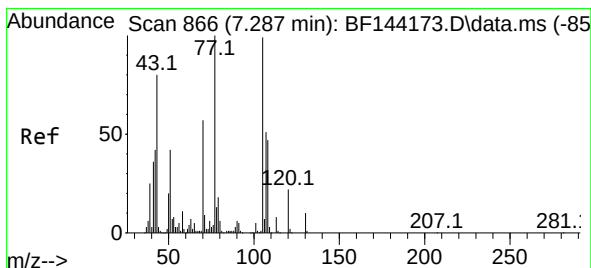
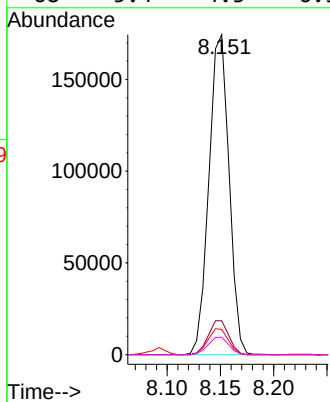
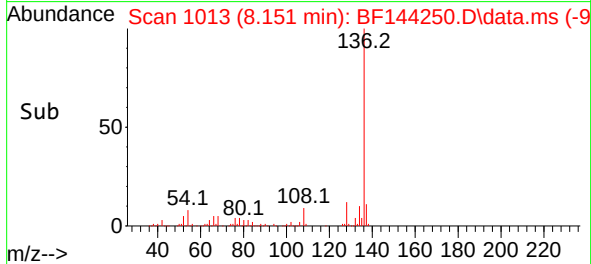
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



Tgt Ion:136 Resp: 229697
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.9 7.0 10.6
68 5.4 4.3 6.5

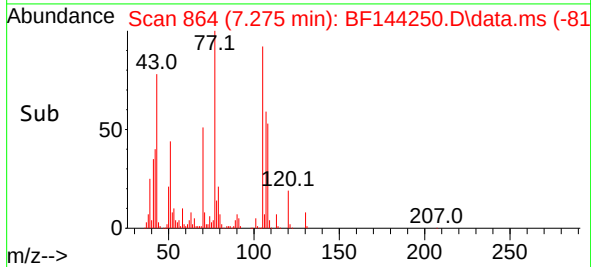
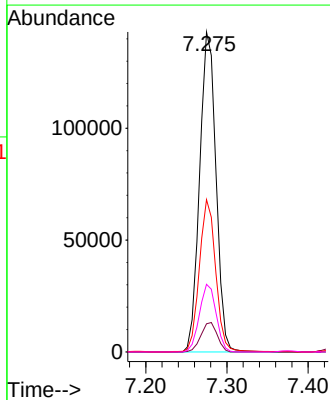
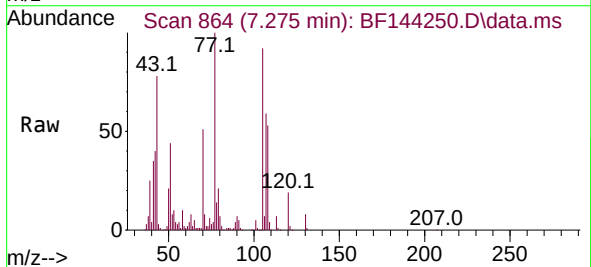
Manual Integrations
APPROVED

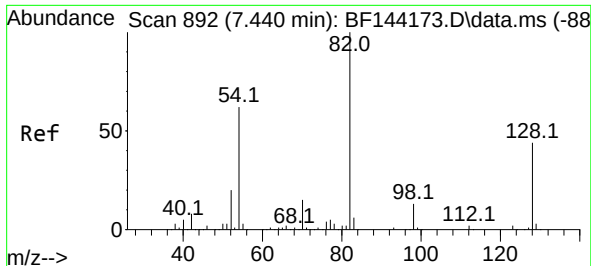
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 40.751 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Tgt Ion:105 Resp: 200802
Ion Ratio Lower Upper
105 100
71 8.8 7.2 10.8
51 47.6 34.0 51.0
120 21.1 17.8 26.6





#23

Nitrobenzene-d5

Concen: 81.953 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

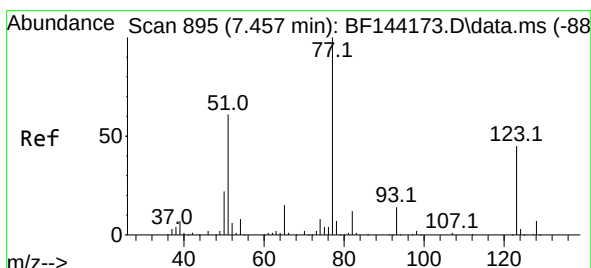
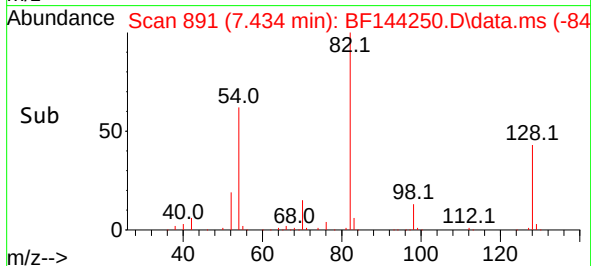
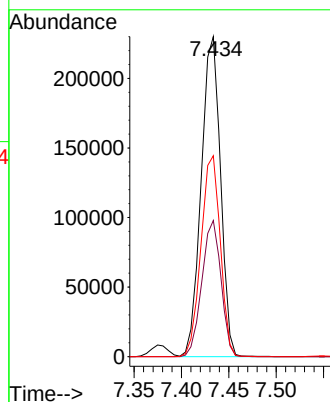
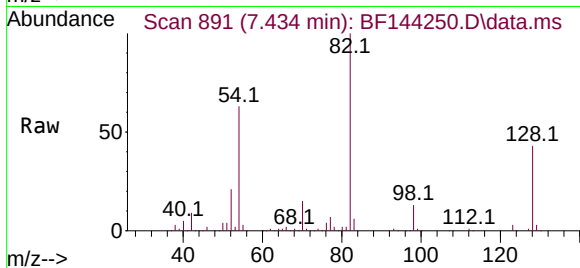
AU-713-COMP-01MSD

Tgt Ion: 82 Resp: 325935
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.7 52.1
 54 62.8 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 39.116 ng

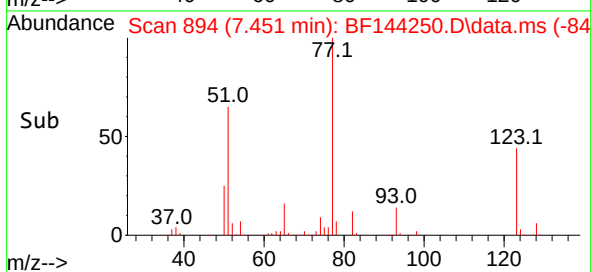
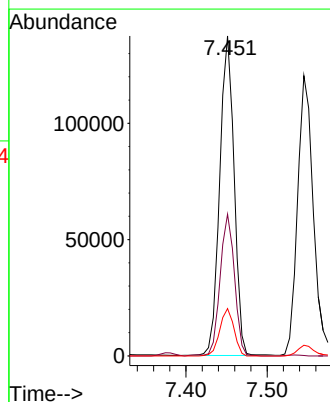
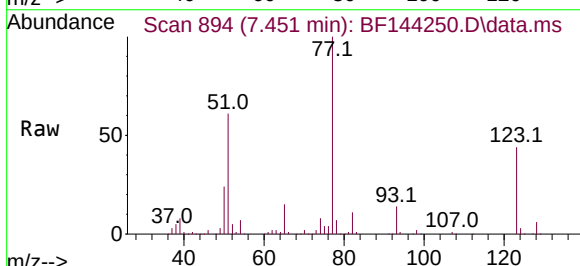
RT: 7.451 min Scan# 894

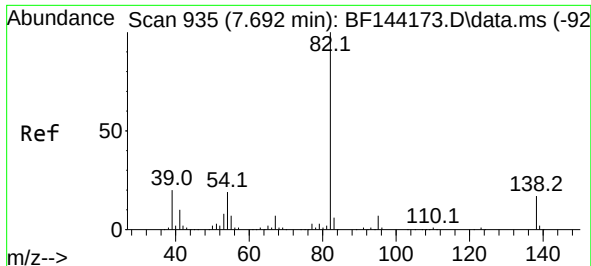
Delta R.T. -0.000 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

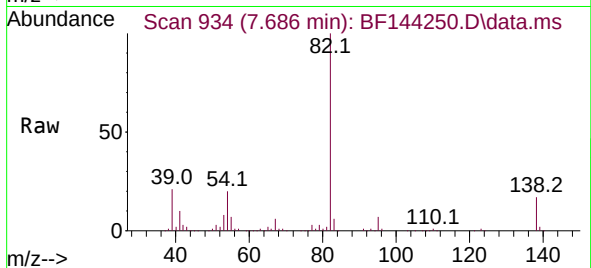
Tgt Ion: 77 Resp: 168910
 Ion Ratio Lower Upper
 77 100
 123 44.3 35.8 53.8
 65 14.8 12.2 18.2





#25
Isophorone
Concen: 42.468 ng
RT: 7.686 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

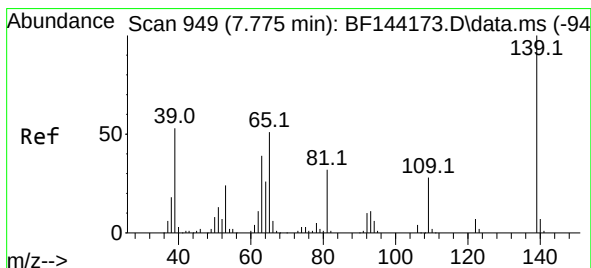
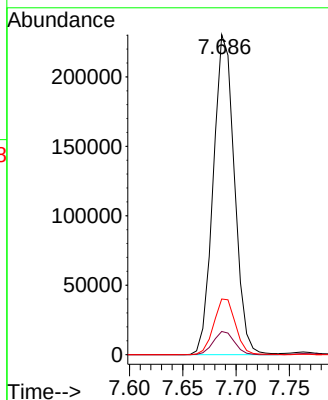
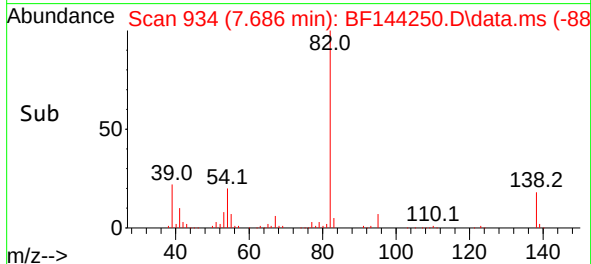
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



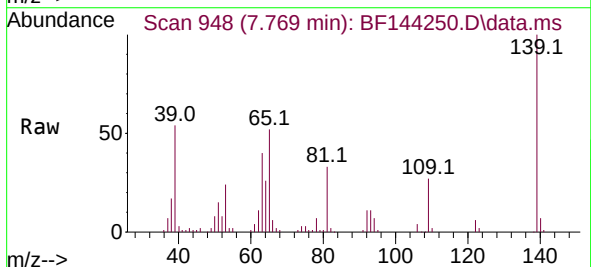
Tgt Ion: 82 Resp: 319478
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.4 13.7 20.5

Manual Integrations
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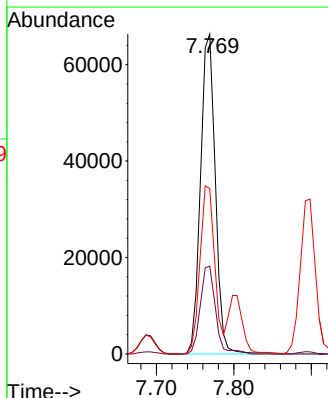
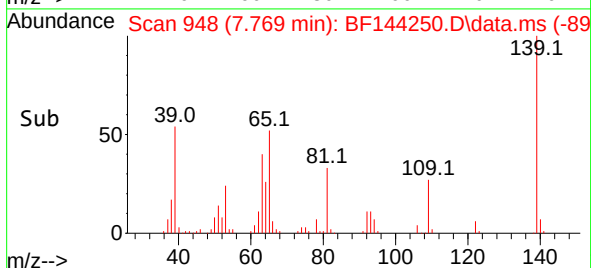
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

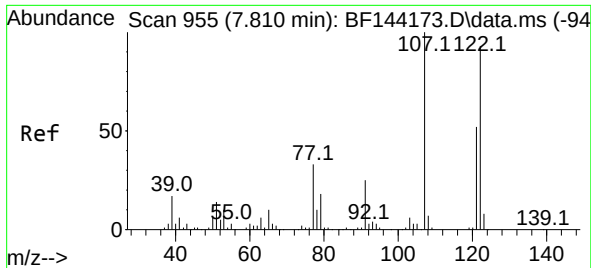


#26
2-Nitrophenol
Concen: 41.111 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



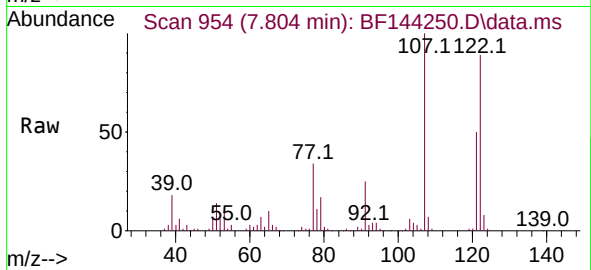
Tgt Ion:139 Resp: 87878
Ion Ratio Lower Upper
139 100
109 27.4 22.2 33.2
65 51.7 40.7 61.1





#27
2,4-Dimethylphenol
Concen: 46.232 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

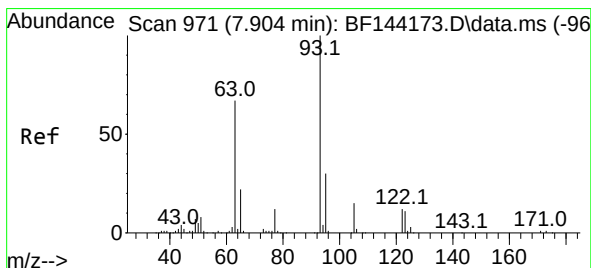
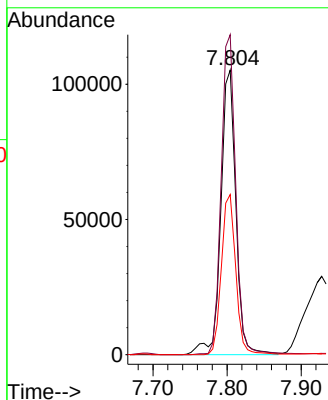
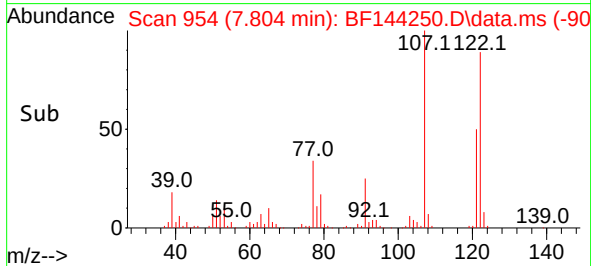
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



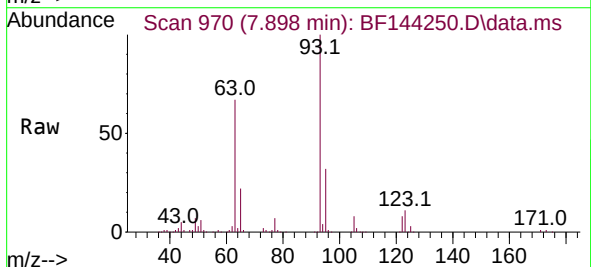
Tgt Ion:122 Resp: 14812
Ion Ratio Lower Upper
122 100
107 112.5 86.2 129.4
121 56.2 44.6 66.8

Manual Integrations
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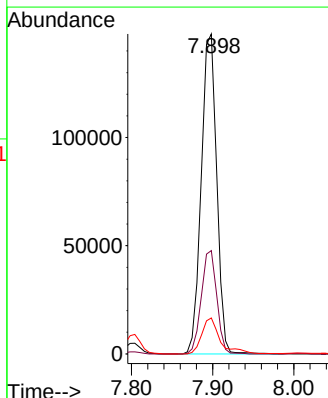
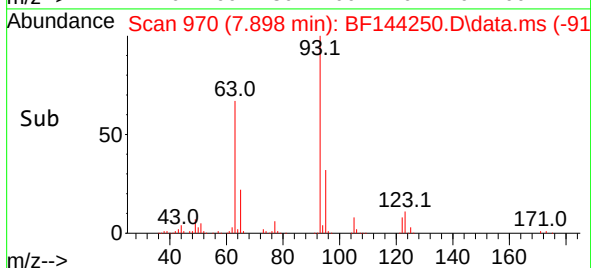
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

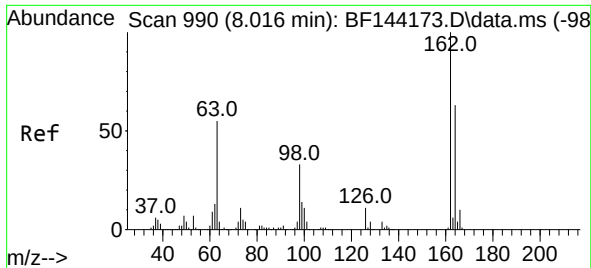


#28
bis(2-Chloroethoxy)methane
Concen: 41.741 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



Tgt Ion: 93 Resp: 196087
Ion Ratio Lower Upper
93 100
95 32.3 24.2 36.4
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.915 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

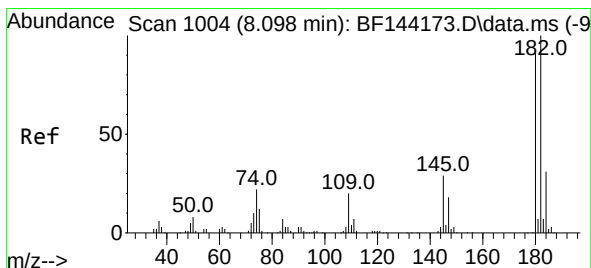
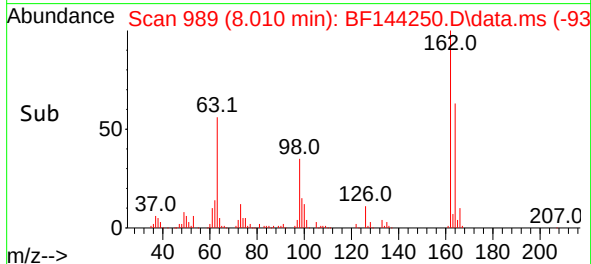
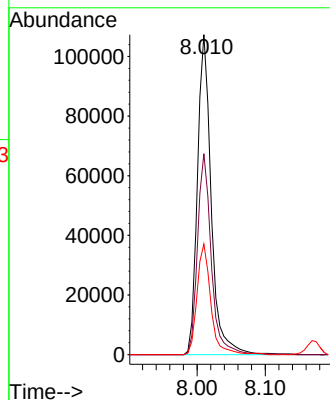
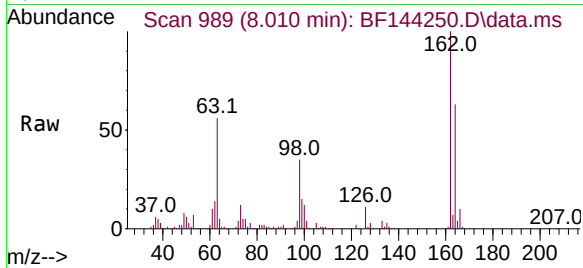
AU-713-COMP-01MSD

Tgt Ion:162 Resp: 151088
 Ion Ratio Lower Upper
 162 100
 164 62.8 42.9 82.9
 98 34.6 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.306 ng

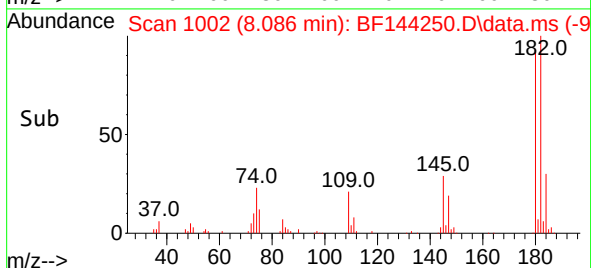
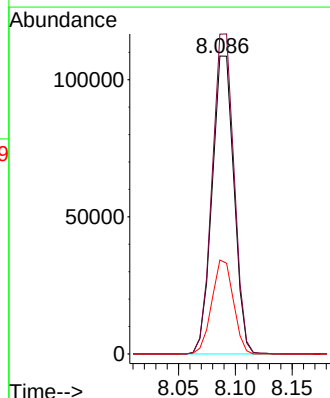
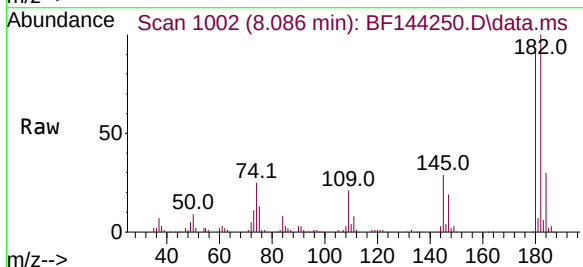
RT: 8.086 min Scan# 1002

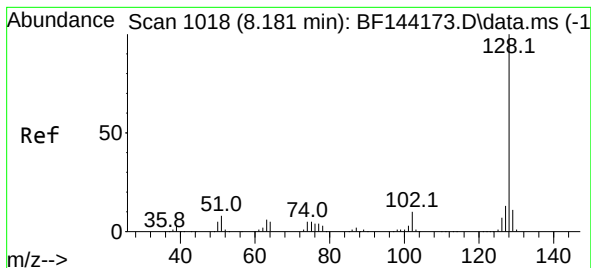
Delta R.T. -0.012 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Tgt Ion:180 Resp: 145252
 Ion Ratio Lower Upper
 180 100
 182 107.3 87.7 131.5
 145 31.5 25.4 38.0





#31

Naphthalene

Concen: 37.873 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

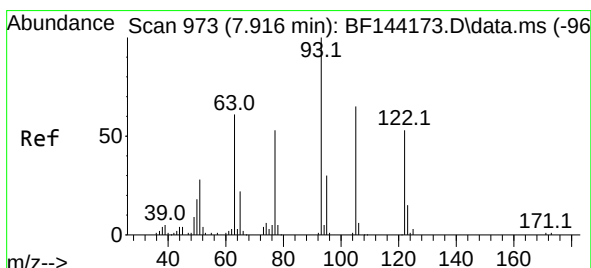
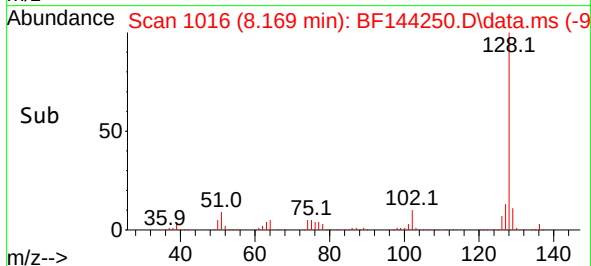
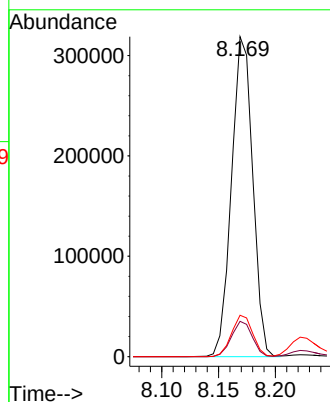
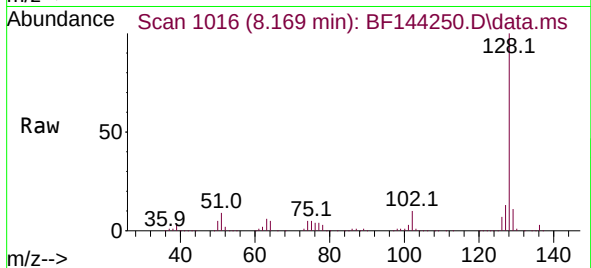
AU-713-COMP-01MSD

Tgt Ion:128 Resp: 413818
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.9 13.3
 127 12.9 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#32

Benzoic acid

Concen: 30.311 ng

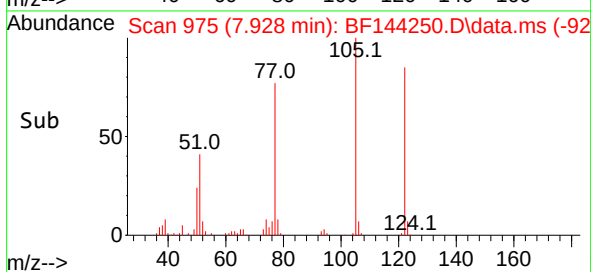
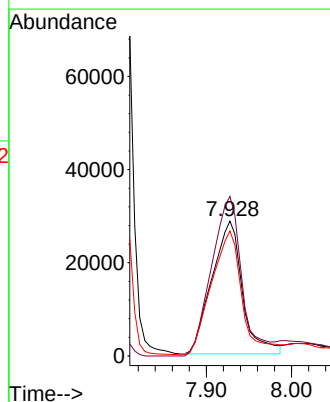
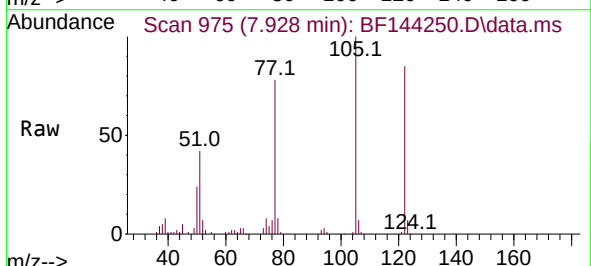
RT: 7.928 min Scan# 975

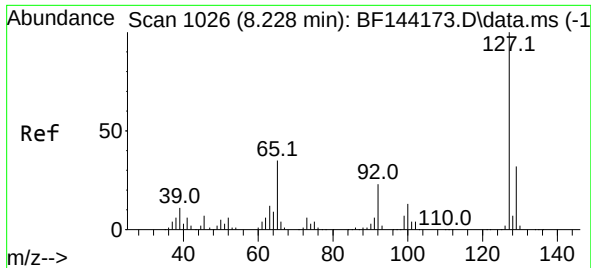
Delta R.T. -0.024 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Tgt Ion:122 Resp: 71186
 Ion Ratio Lower Upper
 122 100
 105 118.2 99.9 139.9
 77 92.6 77.5 117.5





#33
4-Chloroaniline
Concen: 9.217 ng
RT: 8.222 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

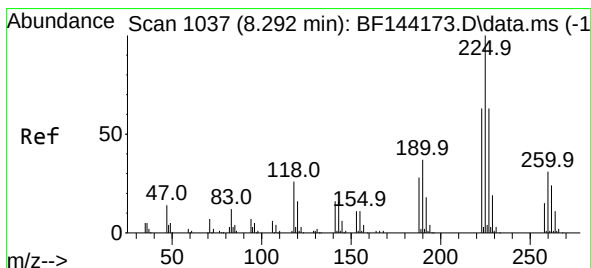
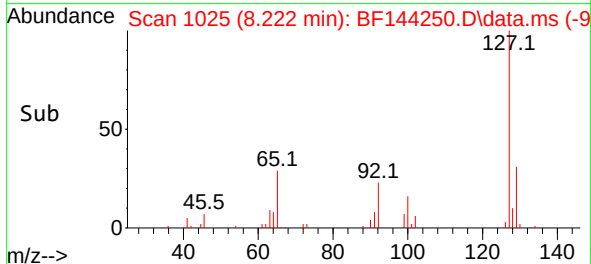
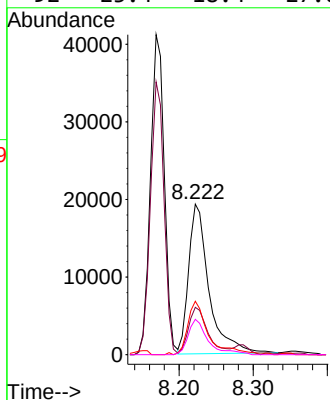
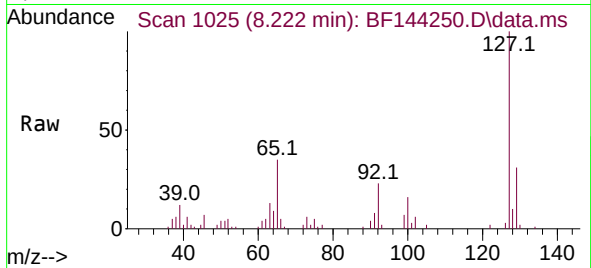
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD

Tgt Ion:127 Resp: 36729

Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.3	37.9
65	35.5	27.6	41.4
92	23.4	18.4	27.6

Manual Integrations
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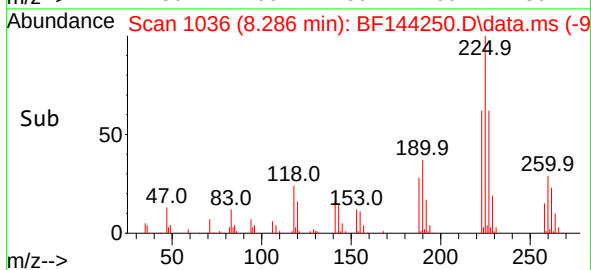
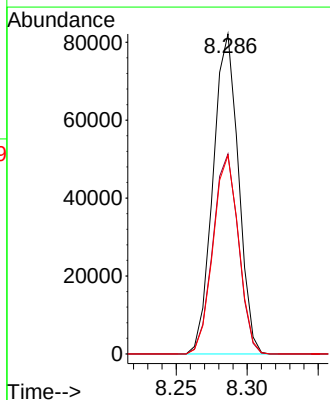
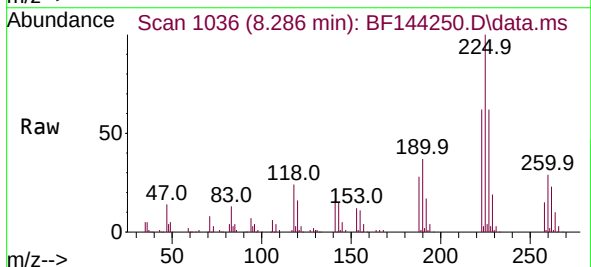
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

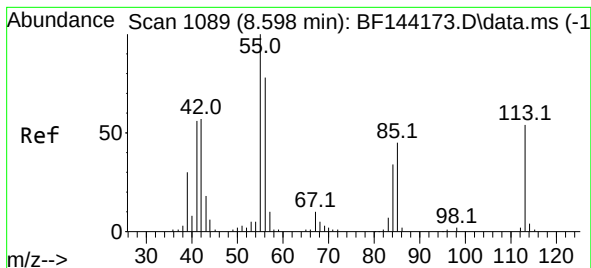


#34
Hexachlorobutadiene
Concen: 35.784 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Tgt Ion:225 Resp: 102260

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.4
227	62.0	50.1	75.1





#35

Caprolactam

Concen: 39.331 ng m

RT: 8.592 min Scan# 1089

Delta R.T. -0.029 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MSD

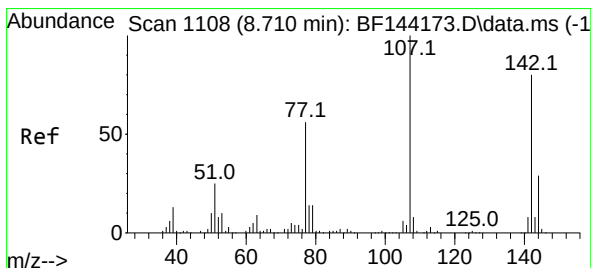
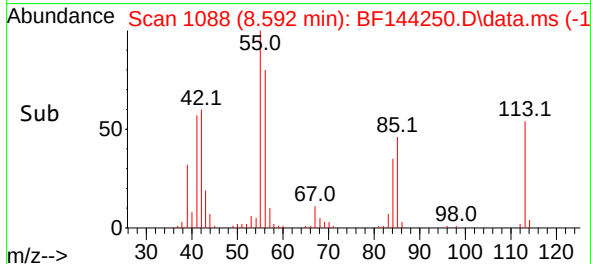
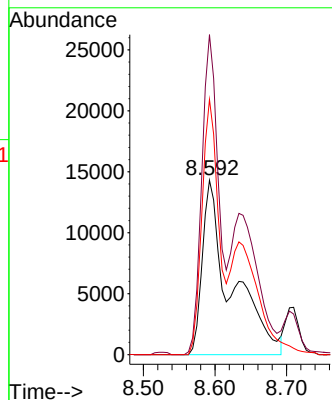
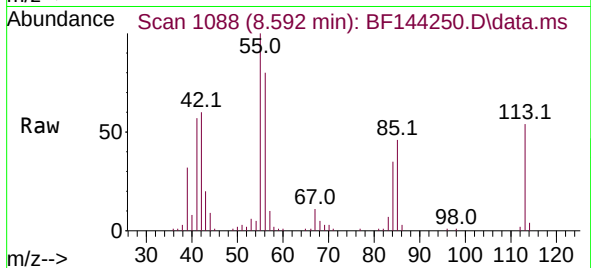
Tgt Ion:113 Resp: 39791

Ion	Ratio	Lower	Upper
113	100		
55	183.6	166.8	206.8
56	146.3	125.9	165.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#36

4-Chloro-3-methylphenol

Concen: 45.709 ng

RT: 8.704 min Scan# 1107

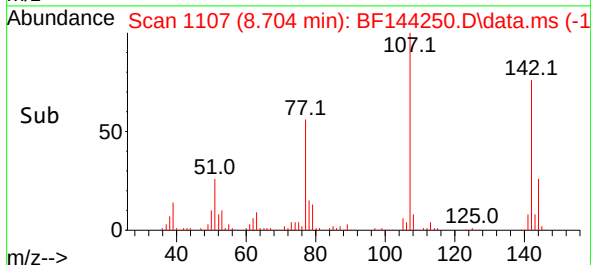
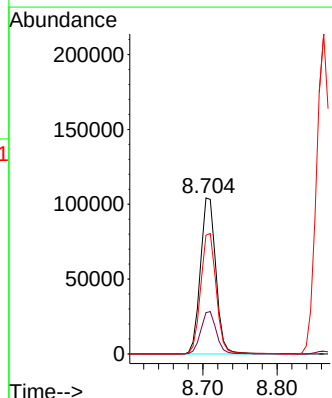
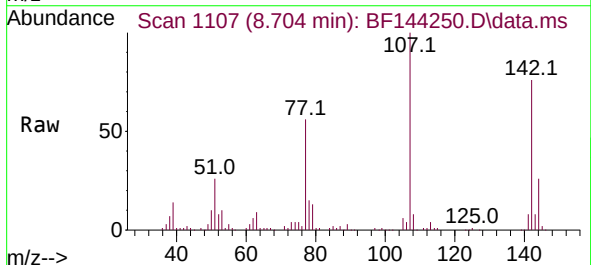
Delta R.T. -0.000 min

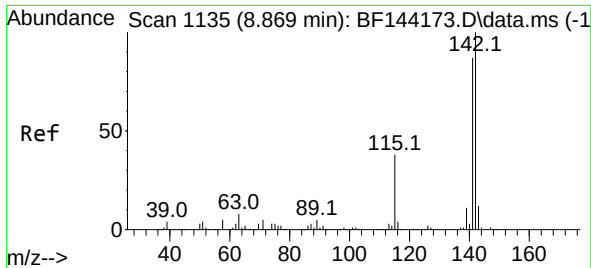
Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Tgt Ion:107 Resp: 151271

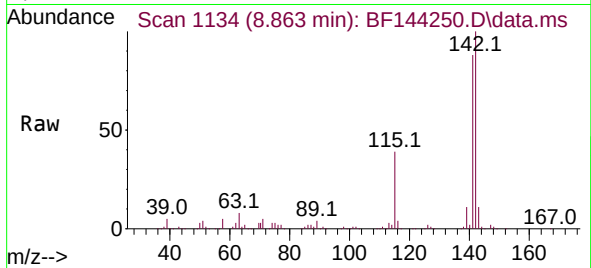
Ion	Ratio	Lower	Upper
107	100		
144	26.4	23.3	34.9
142	76.1	63.8	95.6





#37
2-Methylnaphthalene
Concen: 37.459 ng
RT: 8.863 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

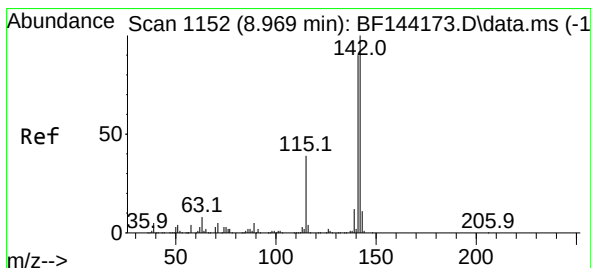
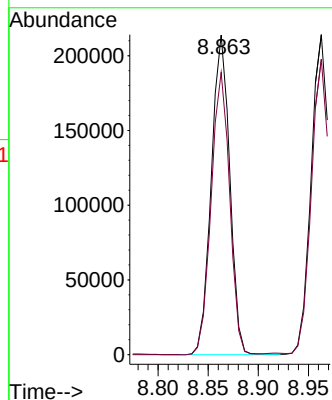
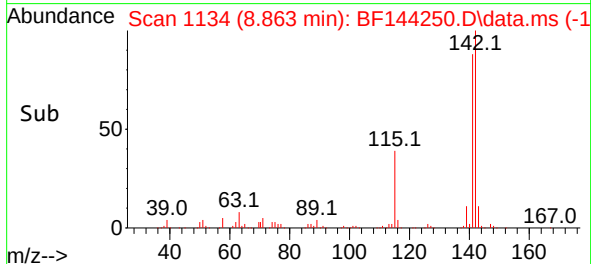
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



Tgt Ion:142 Resp: 273654
Ion Ratio Lower Upper
142 100
141 88.3 69.9 104.9

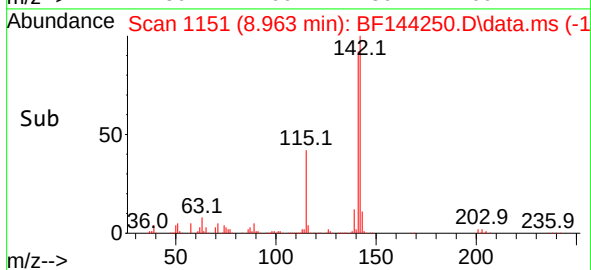
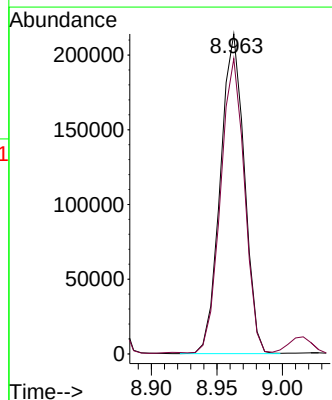
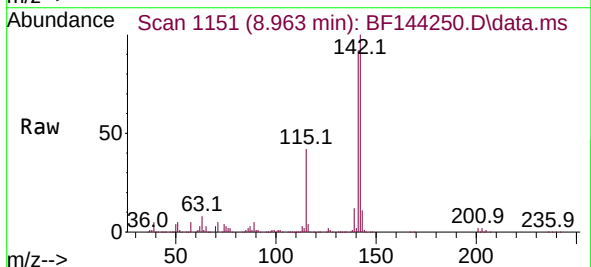
Manual Integrations
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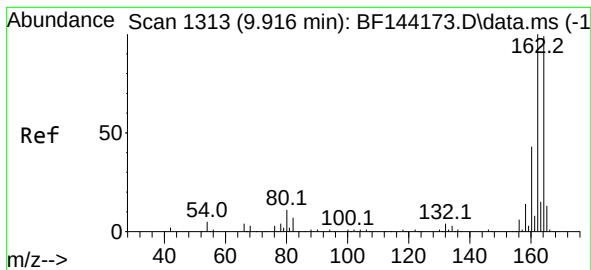
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 38.624 ng
RT: 8.963 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Tgt Ion:142 Resp: 272255
Ion Ratio Lower Upper
142 100
141 92.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF144250.D

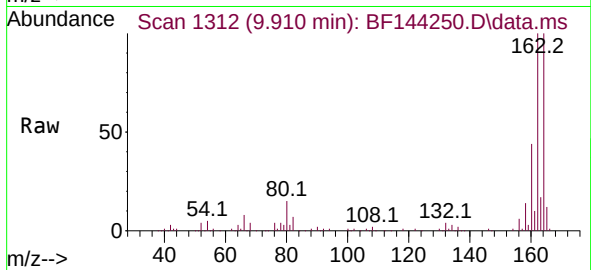
Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MSD



Tgt Ion:164 Resp: 134933

Ion Ratio Lower Upper

164 100

162 99.9 81.1 121.7

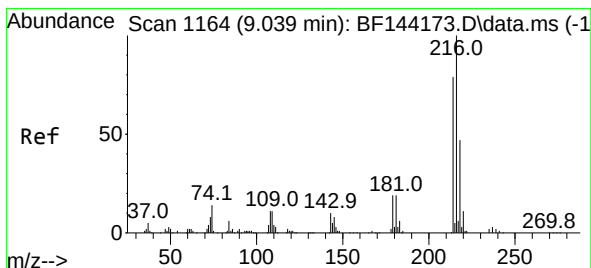
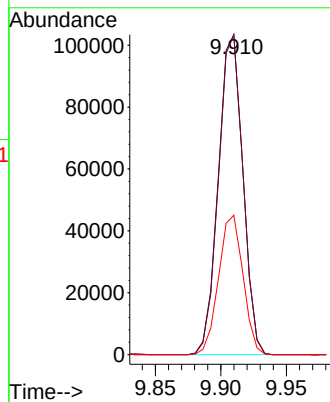
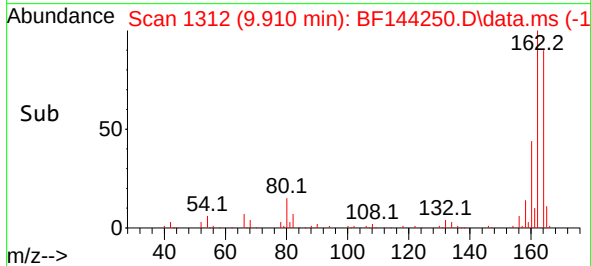
160 43.6 34.5 51.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.750 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Tgt Ion:216 Resp: 171360

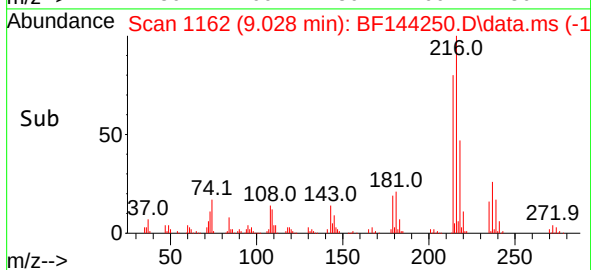
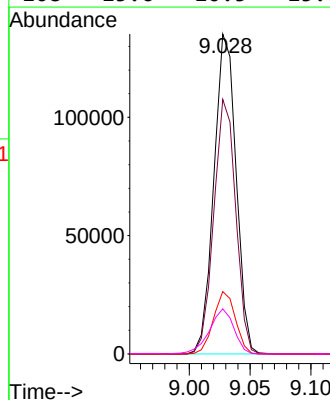
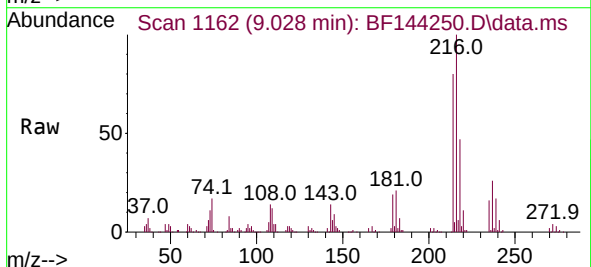
Ion Ratio Lower Upper

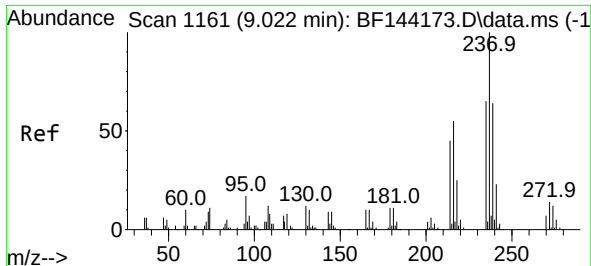
216 100

214 78.5 63.4 95.2

179 19.2 15.0 22.4

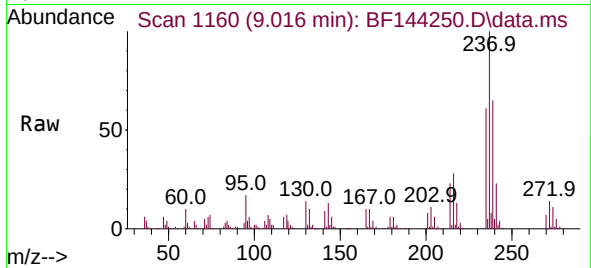
108 15.6 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 85.919 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

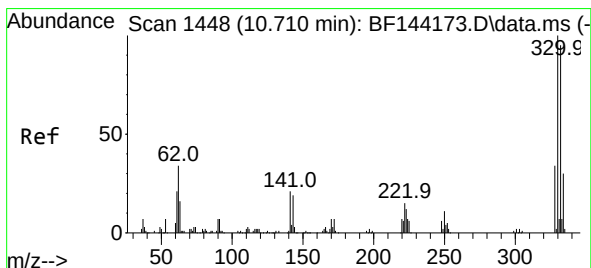
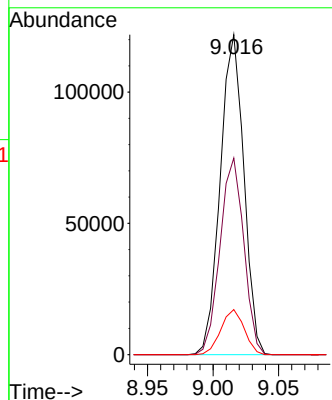
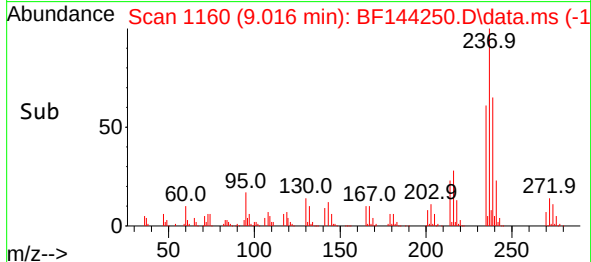
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



Tgt Ion:237 Resp: 152786
Ion Ratio Lower Upper
237 100
235 61.4 45.5 85.5
272 14.1 0.0 33.5

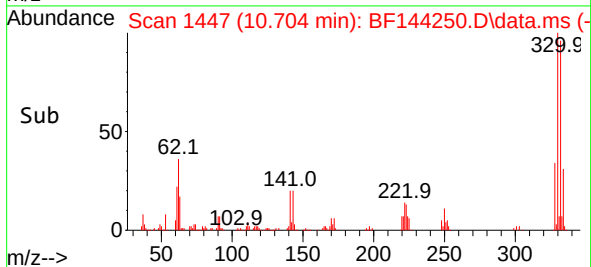
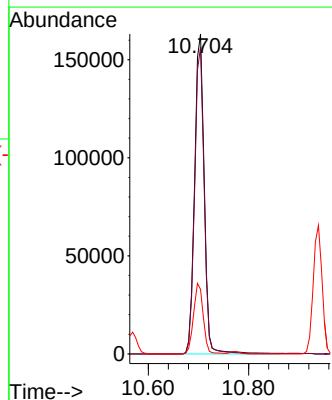
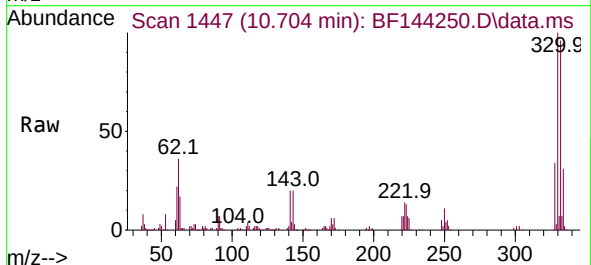
Manual Integrations
APPROVED

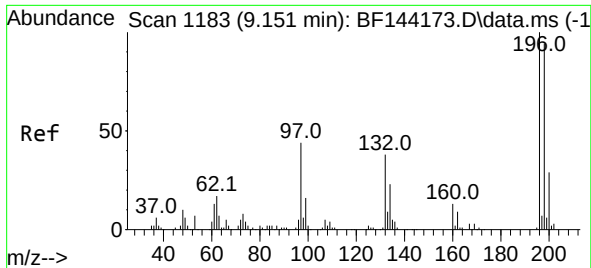
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#42
2,4,6-Tribromophenol
Concen: 128.246 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

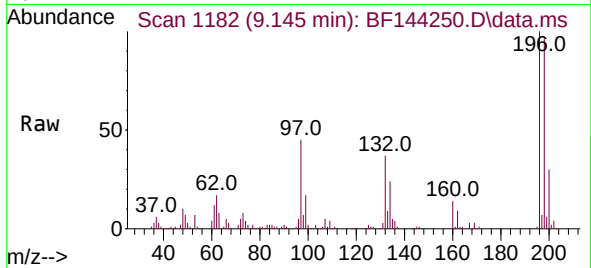
Tgt Ion:330 Resp: 217153
Ion Ratio Lower Upper
330 100
332 94.5 76.7 115.1
141 22.1 17.8 26.8





#43
2,4,6-Trichlorophenol
Concen: 41.663 ng
RT: 9.145 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

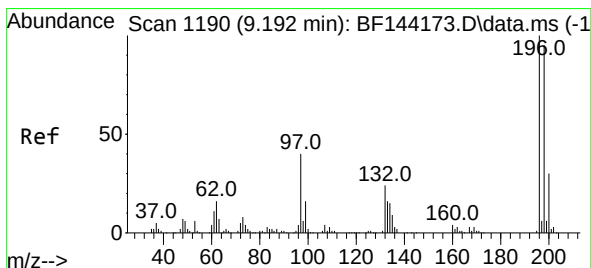
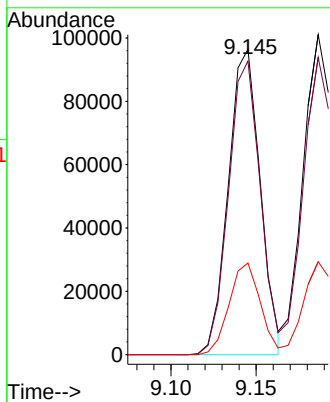
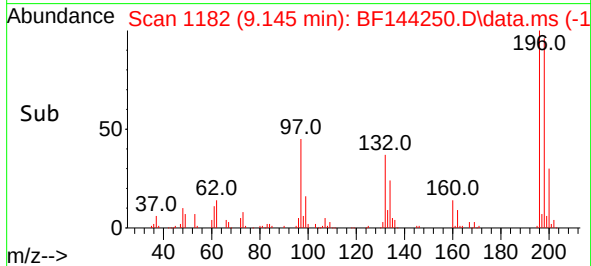
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



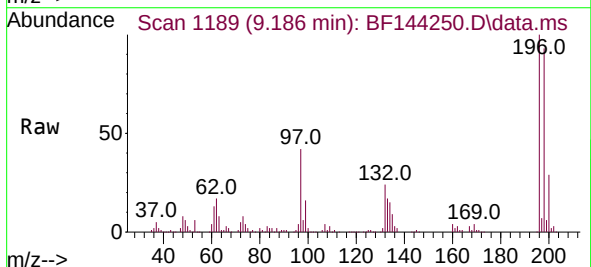
Tgt Ion:196 Resp: 125399
Ion Ratio Lower Upper
196 100
198 96.1 75.3 112.9
200 30.0 23.4 35.2

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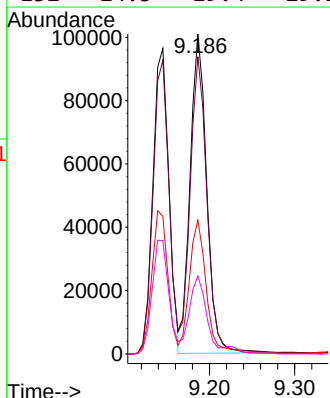
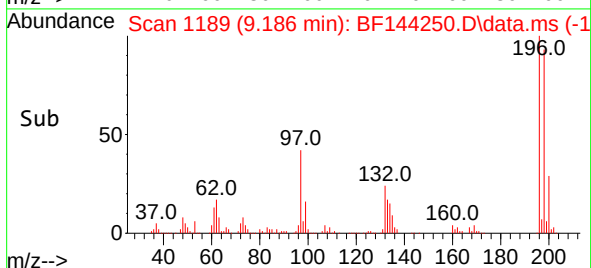
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

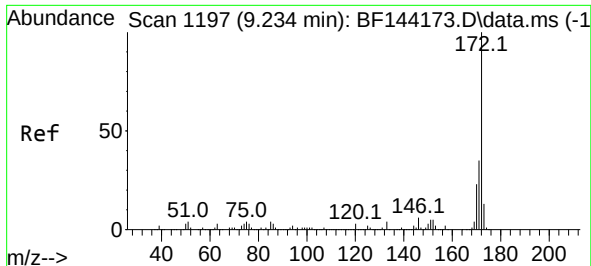


#44
2,4,5-Trichlorophenol
Concen: 42.140 ng
RT: 9.186 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



Tgt Ion:196 Resp: 136698
Ion Ratio Lower Upper
196 100
198 92.9 76.1 114.1
97 41.7 31.9 47.9
132 24.3 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 75.338 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MSD

Tgt Ion:172 Resp: 688286

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

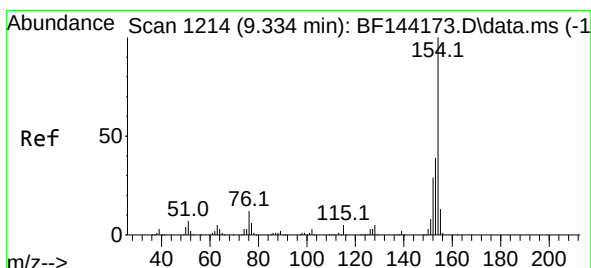
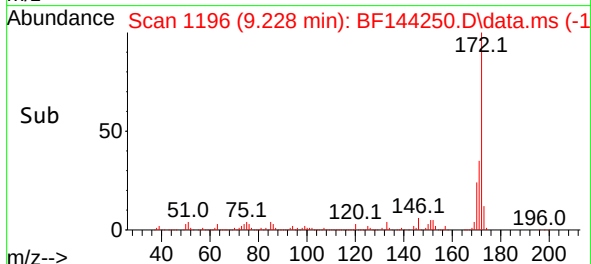
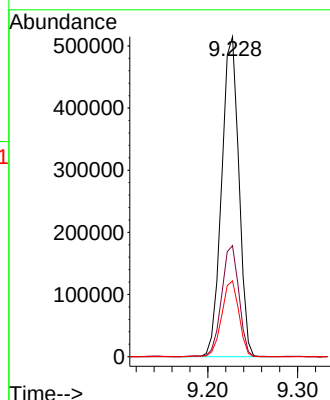
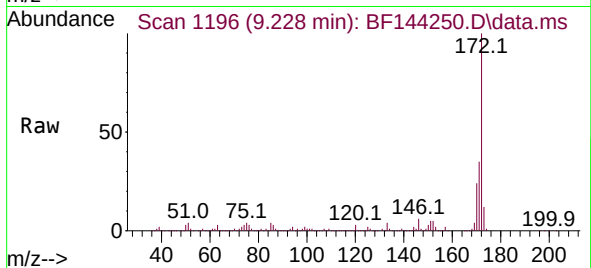
170 23.7 18.6 28.0

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#46

1,1'-Biphenyl

Concen: 40.721 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

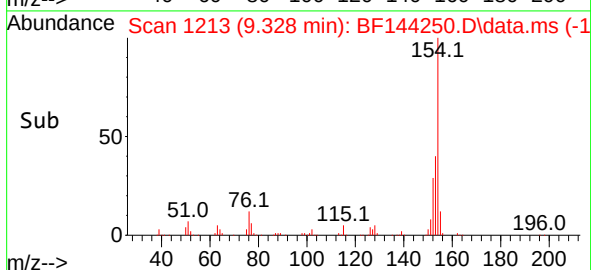
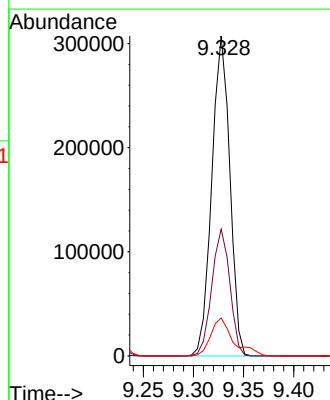
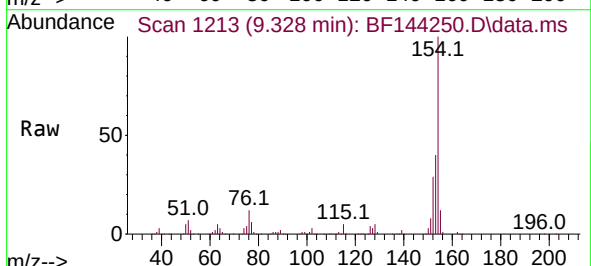
Tgt Ion:154 Resp: 383537

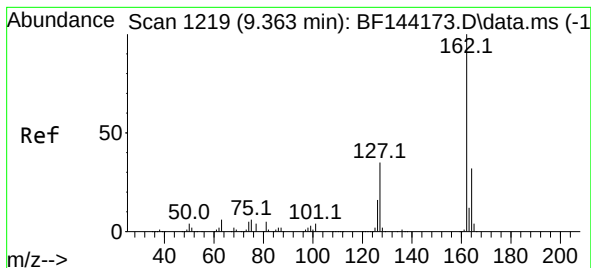
Ion Ratio Lower Upper

154 100

153 39.6 19.2 59.2

76 11.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 39.577 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MSD

Tgt Ion:162 Resp: 317969

Ion Ratio Lower Upper

162 100

127 36.9 28.8 43.2

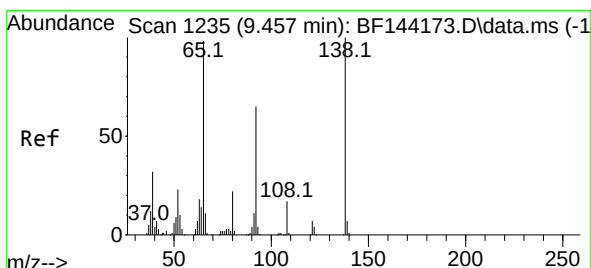
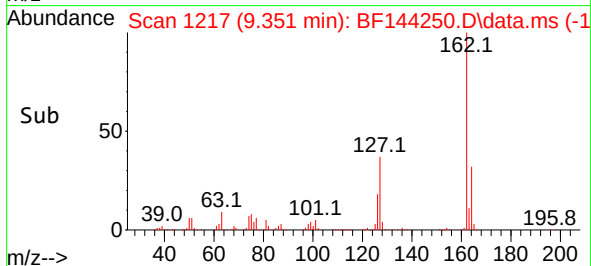
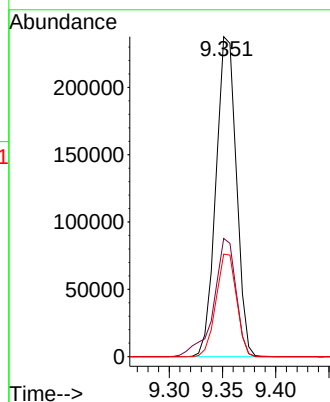
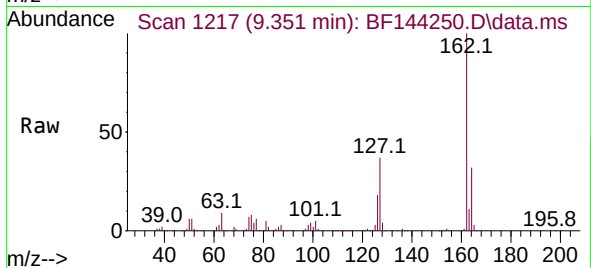
164 32.1 25.8 38.8

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#48

2-Nitroaniline

Concen: 45.969 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

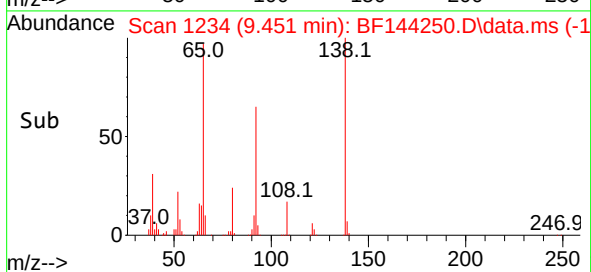
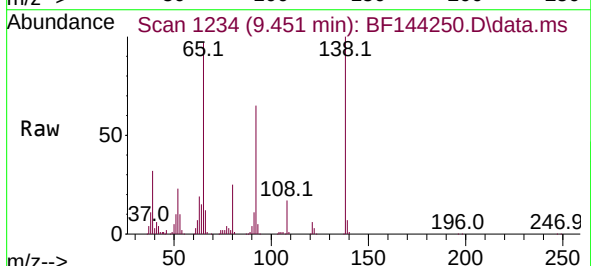
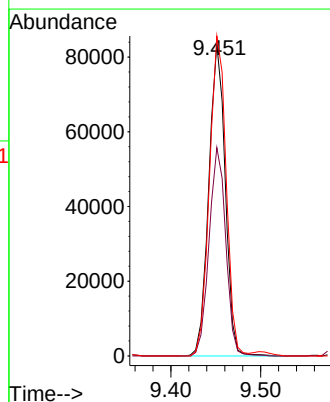
Tgt Ion: 65 Resp: 106563

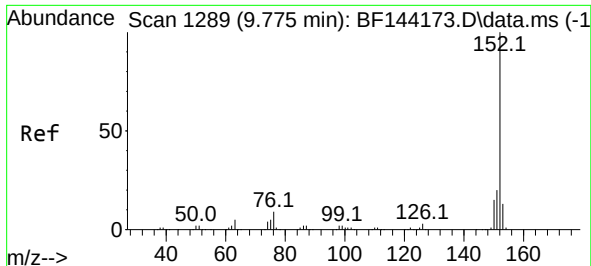
Ion Ratio Lower Upper

65 100

92 66.8 53.0 79.6

138 102.6 81.6 122.4





#49

Acenaphthylene

Concen: 46.358 ng

RT: 9.769 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

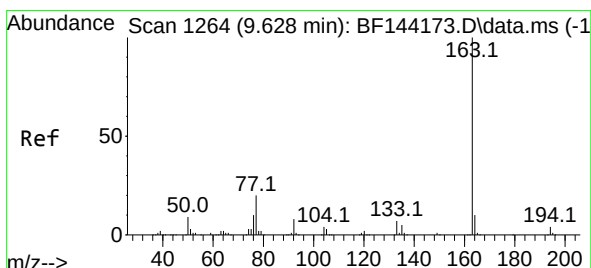
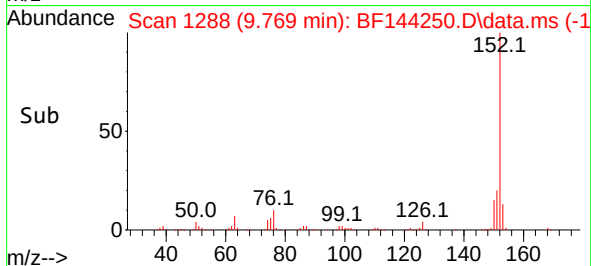
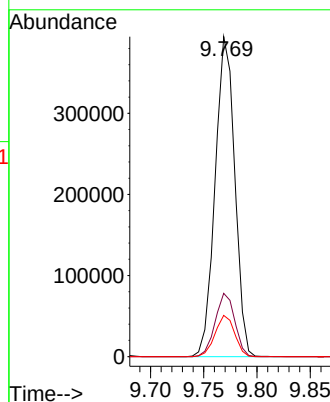
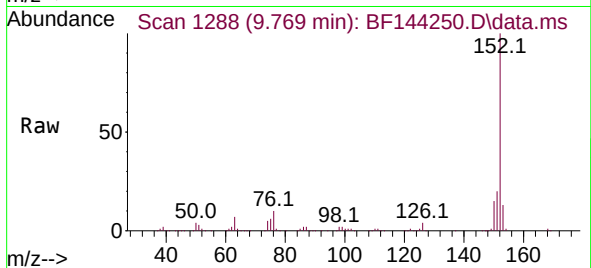
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Tgt Ion:152 Resp: 507550
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.9 23.9
 153 12.9 10.5 15.7

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Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

Concen: 44.862 ng

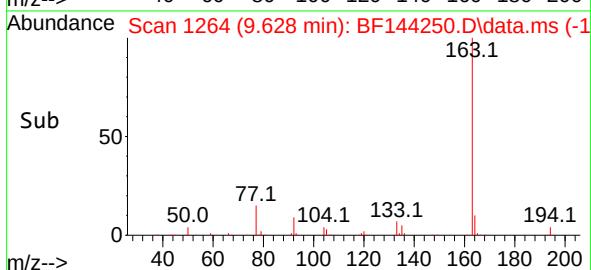
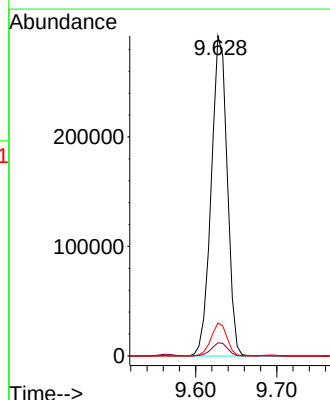
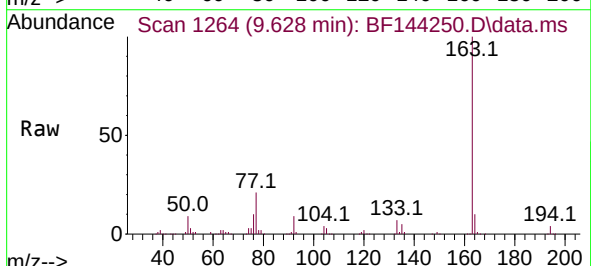
RT: 9.628 min Scan# 1264

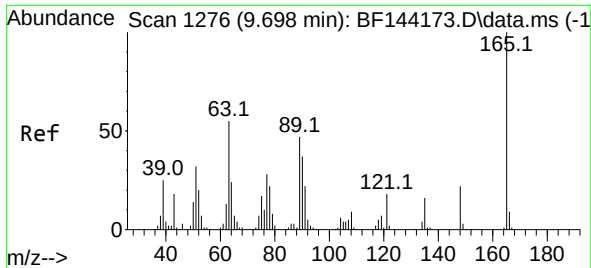
Delta R.T. -0.000 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

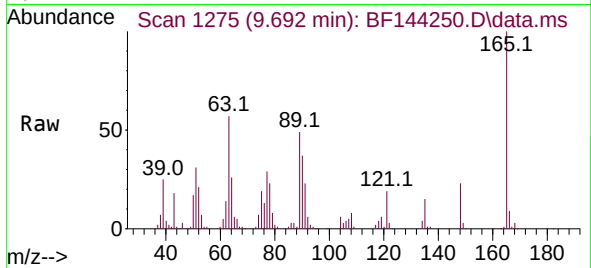
Tgt Ion:163 Resp: 401024
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.3 4.9
 164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.077 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

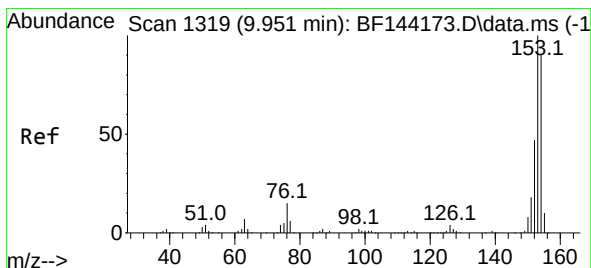
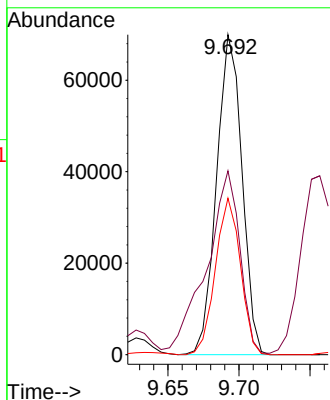
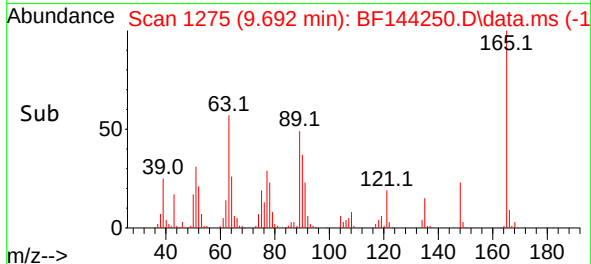
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



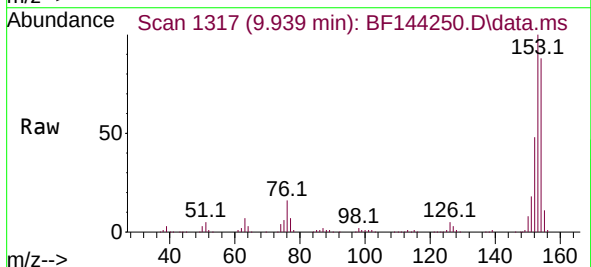
Tgt Ion:165 Resp: 86997
Ion Ratio Lower Upper
165 100
63 57.4 43.8 65.8
89 48.9 37.5 56.3

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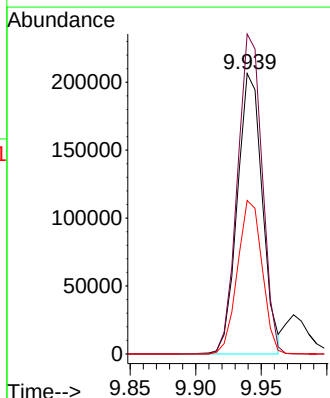
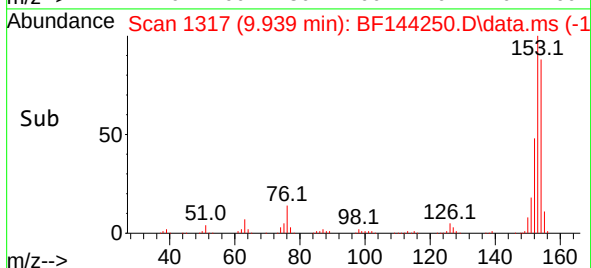
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

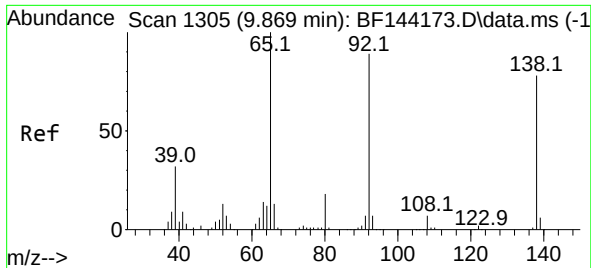


#52
Acenaphthene
Concen: 37.359 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



Tgt Ion:154 Resp: 273524
Ion Ratio Lower Upper
154 100
153 114.1 89.0 133.4
152 54.7 42.2 63.4





#53

3-Nitroaniline

Concen: 15.595 ng

RT: 9.863 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MSD

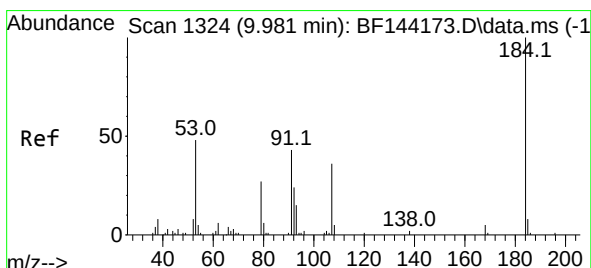
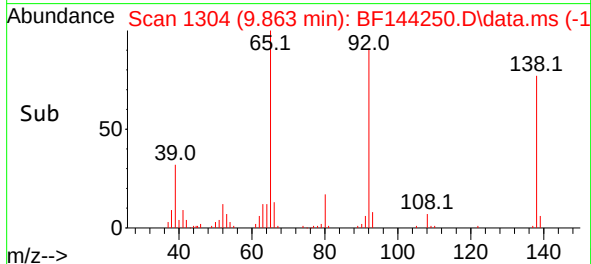
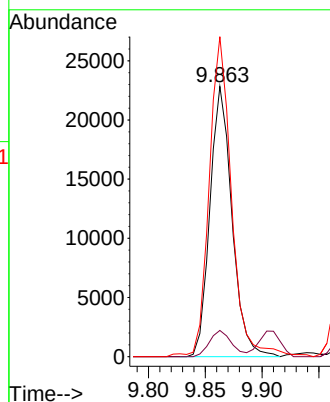
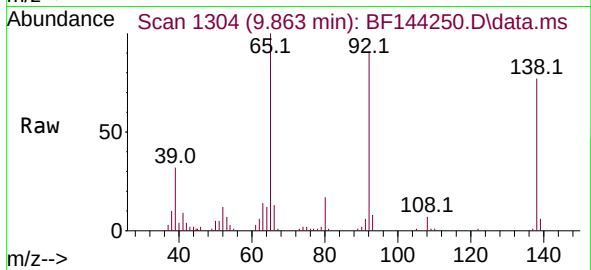
Tgt Ion:138 Resp: 30849

Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.5	11.3
92	118.5	91.8	137.6

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#54

2,4-Dinitrophenol

Concen: 73.881 ng

RT: 9.975 min Scan# 1323

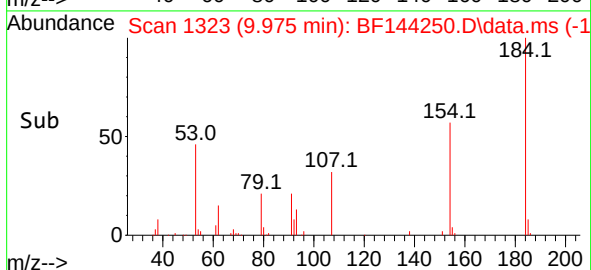
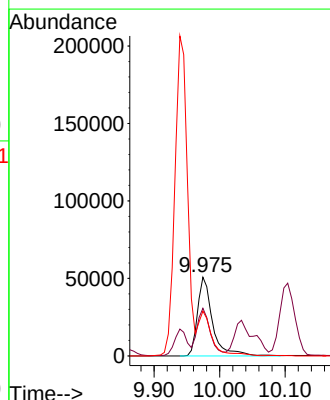
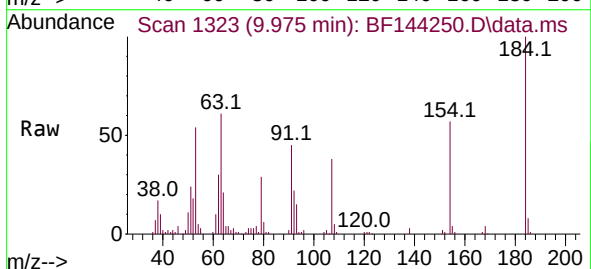
Delta R.T. -0.012 min

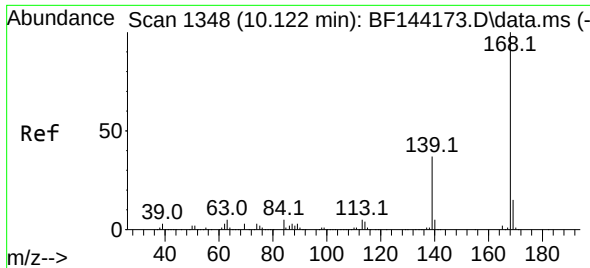
Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Tgt Ion:184 Resp: 80730

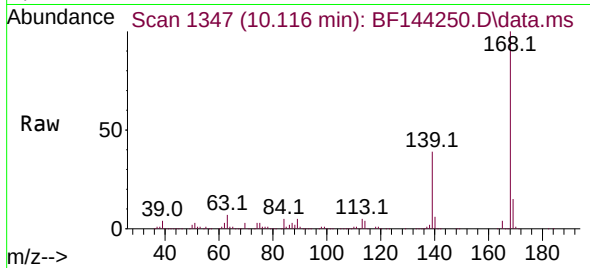
Ion	Ratio	Lower	Upper
184	100		
63	60.6	44.0	66.0
154	56.8	42.4	63.6





#55
Dibenzofuran
Concen: 41.330 ng
RT: 10.116 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

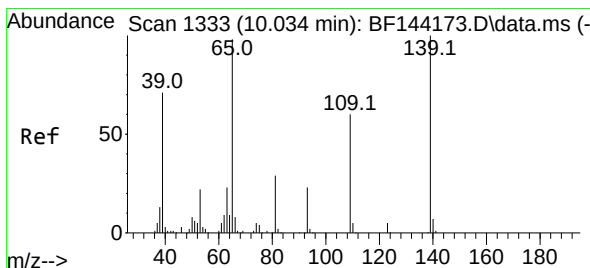
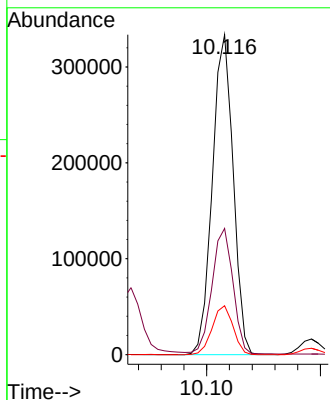
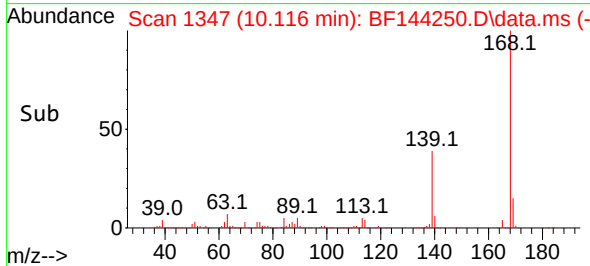
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



Tgt Ion:168 Resp: 423800
Ion Ratio Lower Upper
168 100
139 39.4 30.2 45.2
169 15.3 12.2 18.4

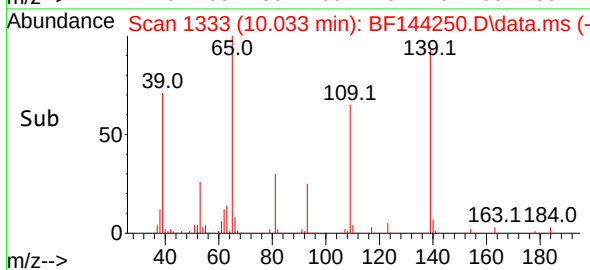
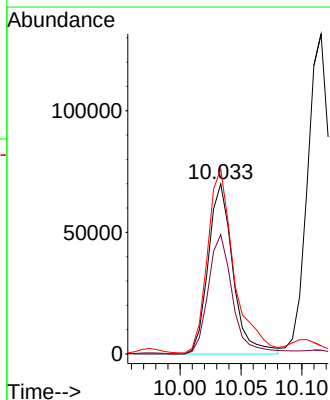
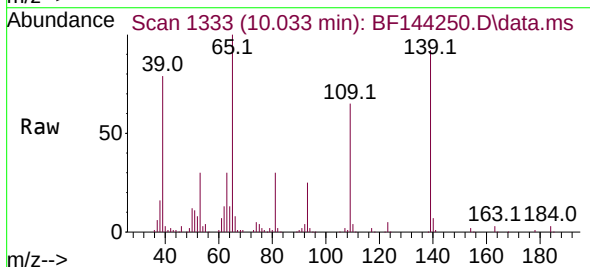
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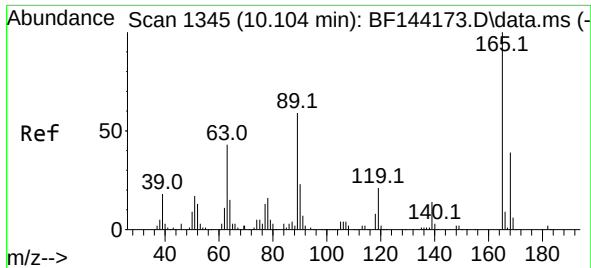
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#56
4-Nitrophenol
Concen: 68.943 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

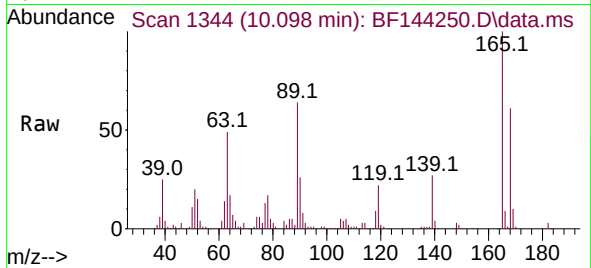
Tgt Ion:139 Resp: 98651
Ion Ratio Lower Upper
139 100
109 70.2 39.9 79.9
65 108.8 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 47.501 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

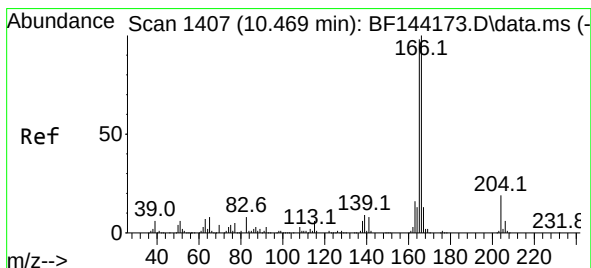
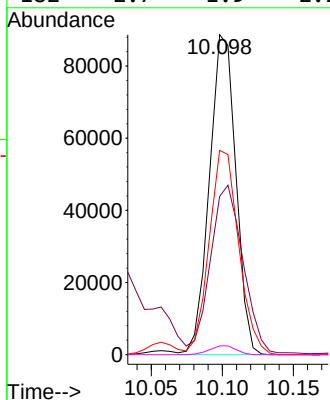
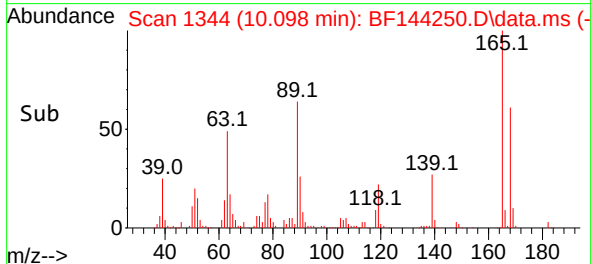
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



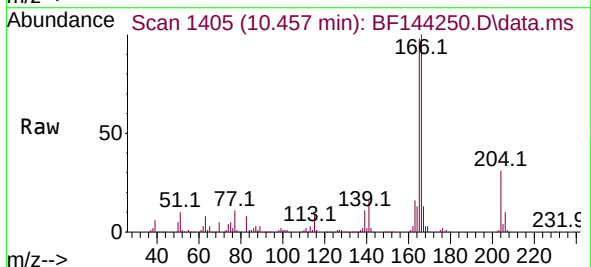
Tgt Ion:165 Resp: 115069
Ion Ratio Lower Upper
165 100
63 49.4 35.5 53.3
89 63.8 47.4 71.2
182 2.7 1.9 2.9

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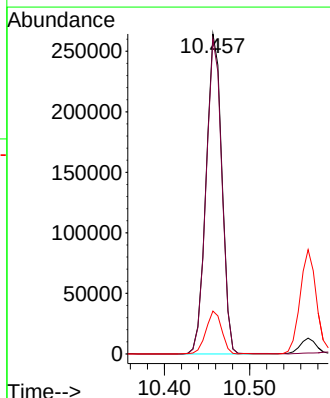
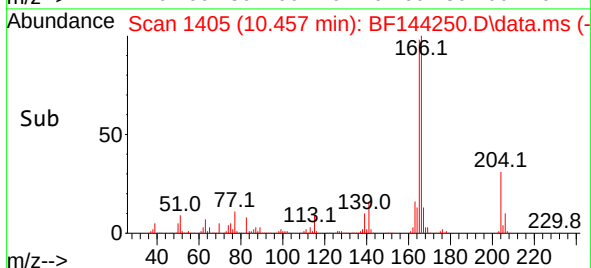
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

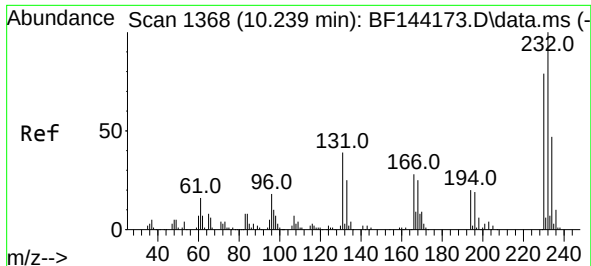


#58
Fluorene
Concen: 43.575 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



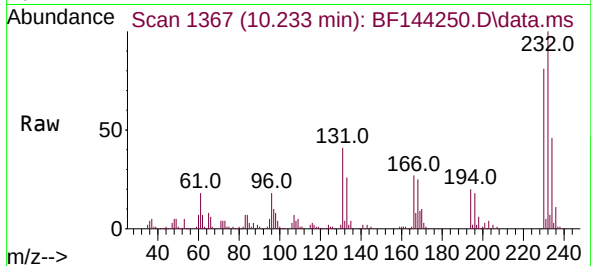
Tgt Ion:166 Resp: 339719
Ion Ratio Lower Upper
166 100
165 98.3 78.6 118.0
167 13.4 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.746 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

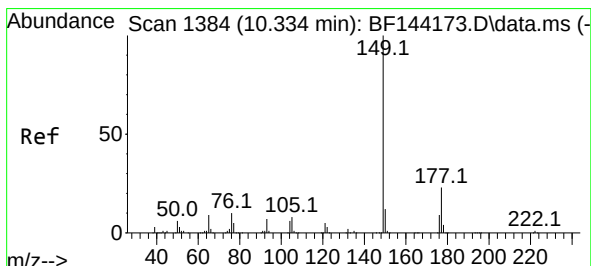
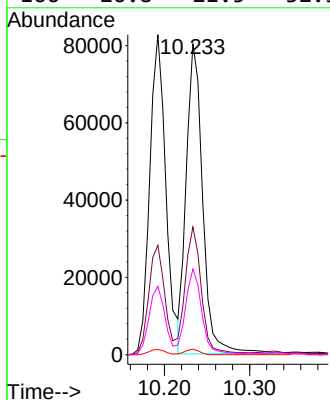
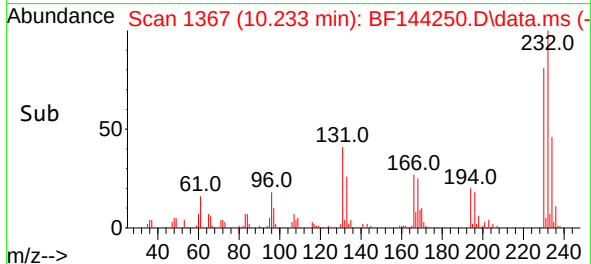
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



Tgt Ion:232 Resp: 107286
Ion Ratio Lower Upper
232 100
131 41.2 30.3 45.5
130 1.5 1.2 1.8
166 26.8 21.5 32.3

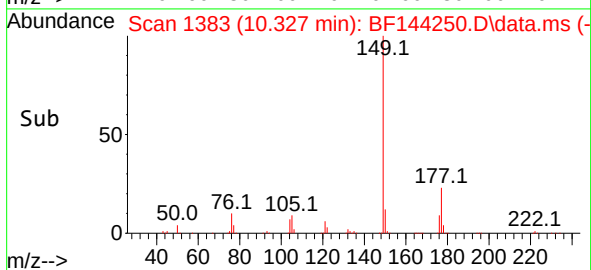
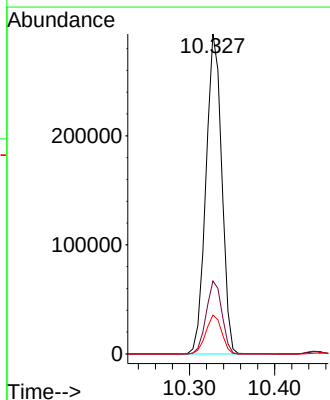
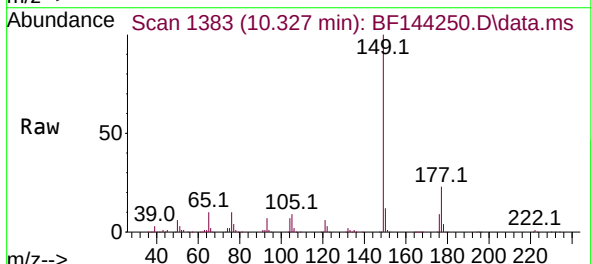
Manual Integrations
APPROVED

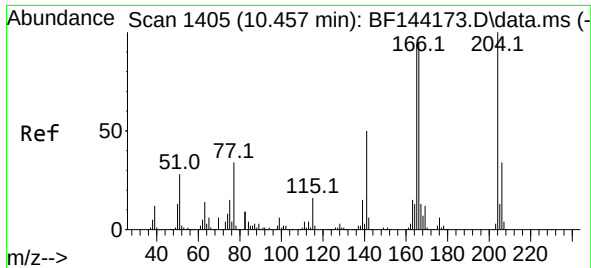
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#60
Diethylphthalate
Concen: 45.832 ng
RT: 10.327 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Tgt Ion:149 Resp: 377673
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.2 9.8 14.6





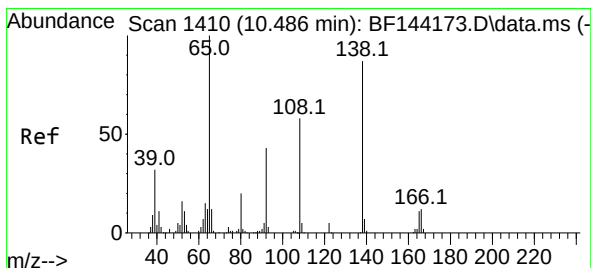
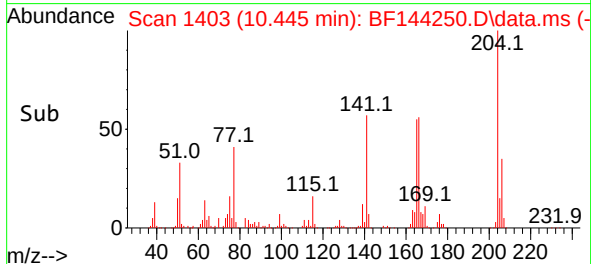
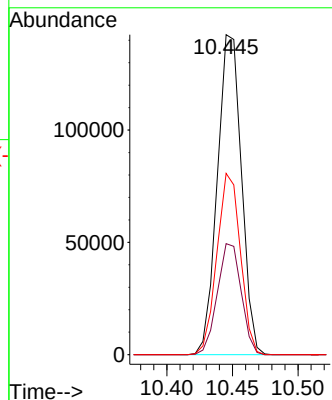
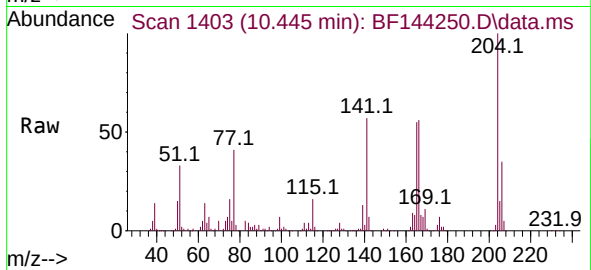
#61
4-Chlorophenyl-phenylether
Concen: 41.088 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD

Tgt Ion:204 Resp: 182469
Ion Ratio Lower Upper
204 100
206 34.7 27.4 41.2
141 56.6 40.0 60.0

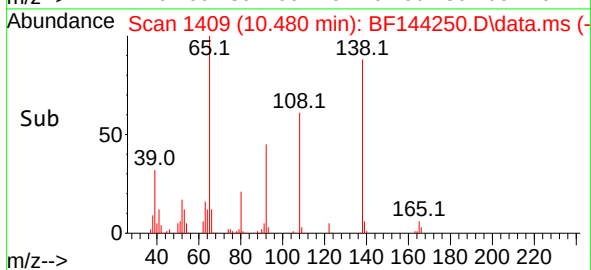
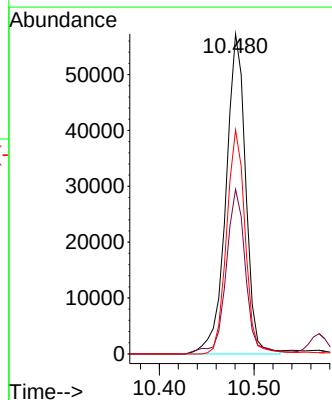
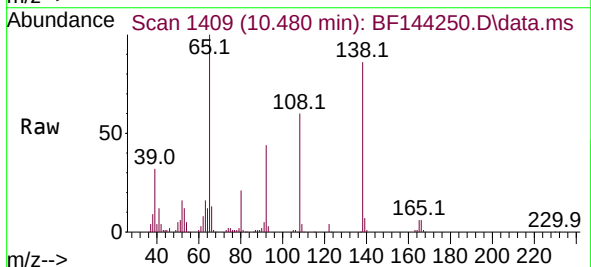
Manual Integrations
APPROVED

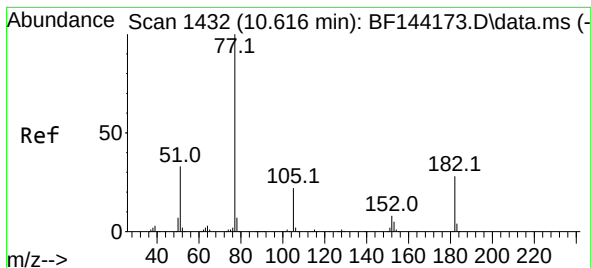
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#62
4-Nitroaniline
Concen: 44.045 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

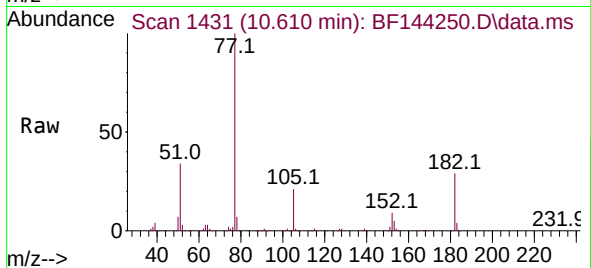
Tgt Ion:138 Resp: 82973
Ion Ratio Lower Upper
138 100
92 51.4 29.4 69.4
108 70.0 46.4 86.4





#63
Azobenzene
Concen: 47.482 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

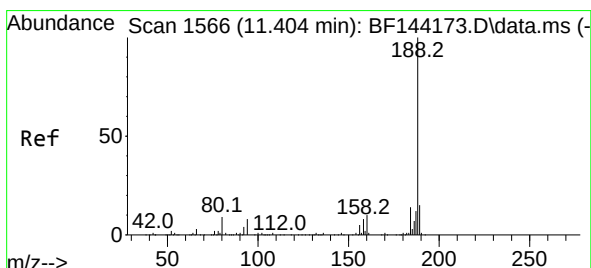
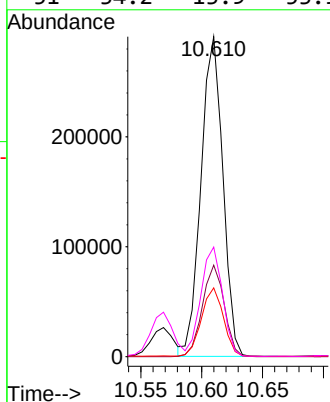
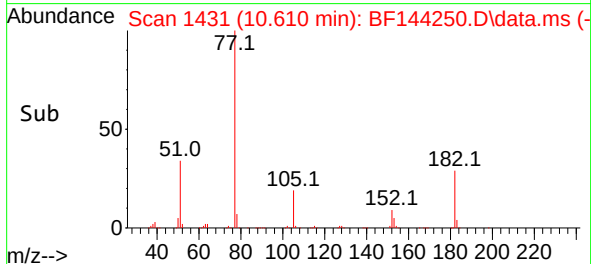
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



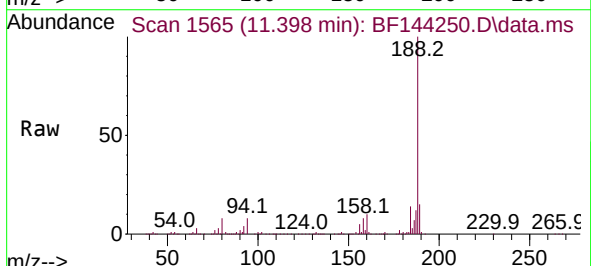
Tgt Ion: 77 Resp: 364150
Ion Ratio Lower Upper
77 100
182 28.6 8.1 48.1
105 21.5 2.0 42.0
51 34.2 13.9 53.9

Manual Integrations
APPROVED

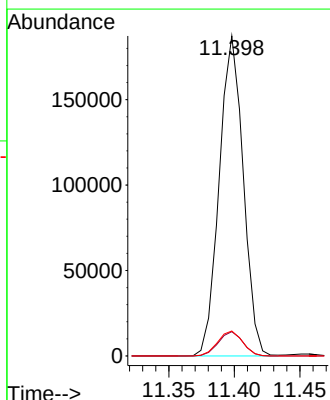
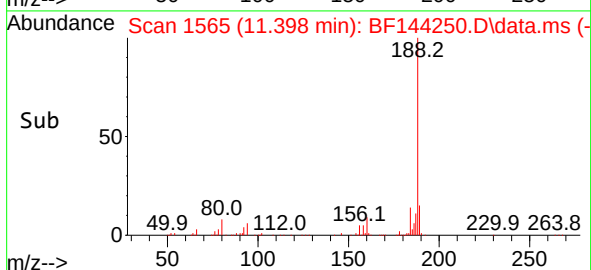
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

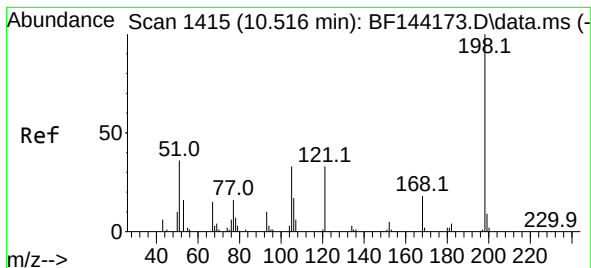


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



Tgt Ion:188 Resp: 238893
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 7.8 6.9 10.3





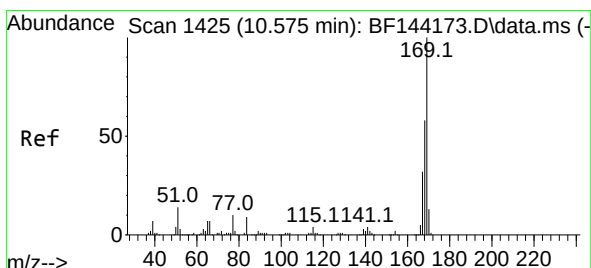
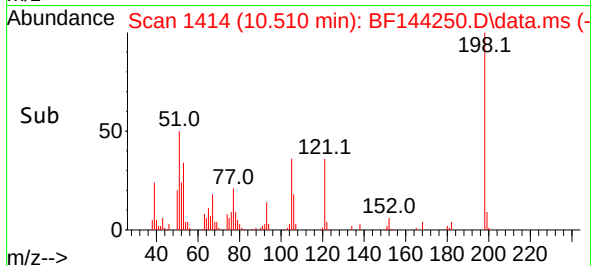
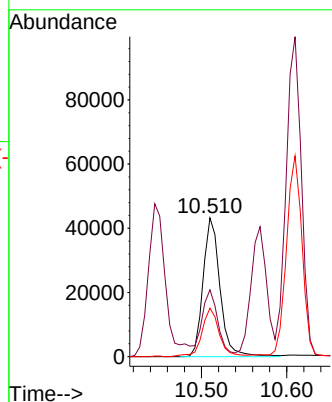
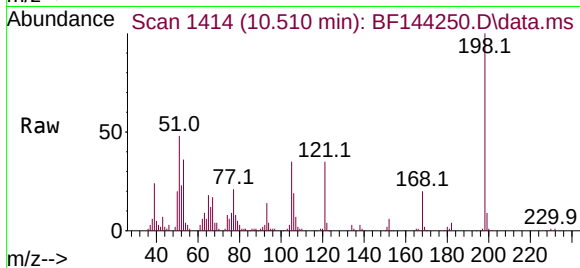
#65
4,6-Dinitro-2-methylphenol
Concen: 36.751 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD

Tgt Ion:198 Resp: 59643
Ion Ratio Lower Upper
198 100
51 48.2 25.6 65.6
105 34.9 14.6 54.6

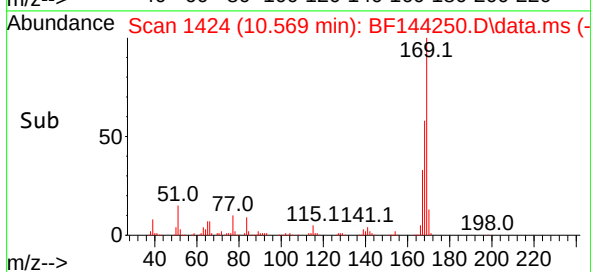
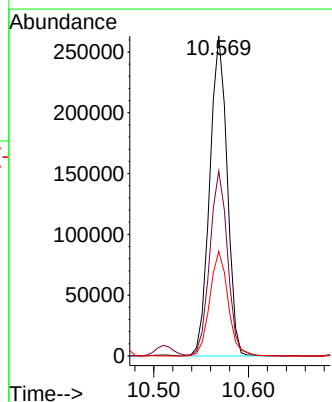
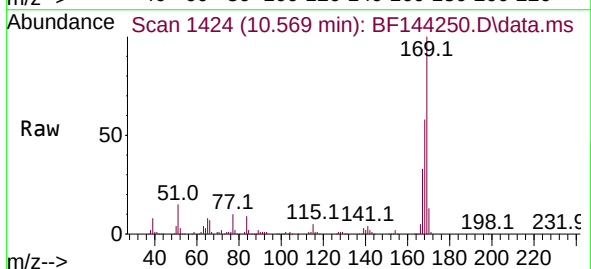
Manual Integrations
APPROVED

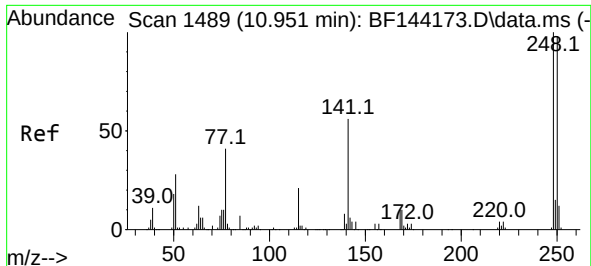
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 43.804 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

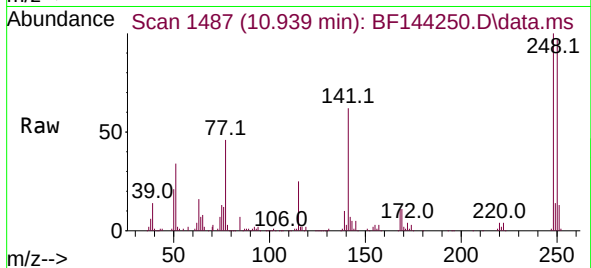
Tgt Ion:169 Resp: 336563
Ion Ratio Lower Upper
169 100
168 57.8 46.2 69.2
167 32.7 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 42.043 ng
RT: 10.939 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

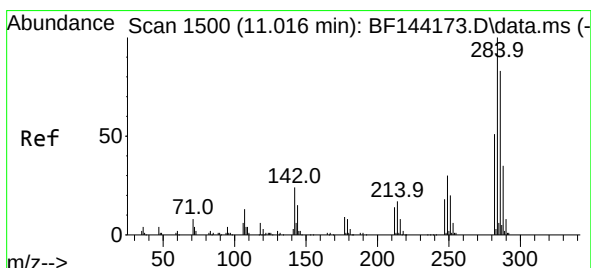
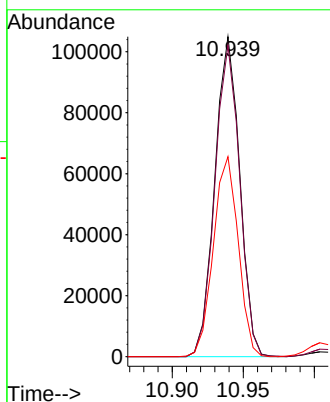
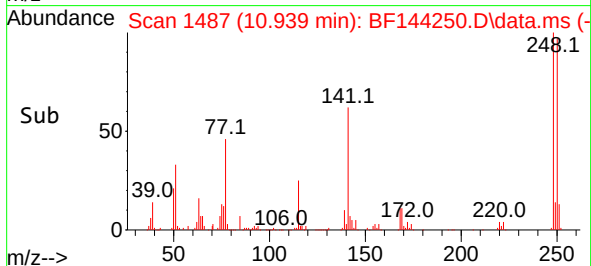
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



Tgt Ion:248 Resp: 128200
Ion Ratio Lower Upper
248 100
250 97.3 78.4 117.6
141 62.5 45.1 67.7

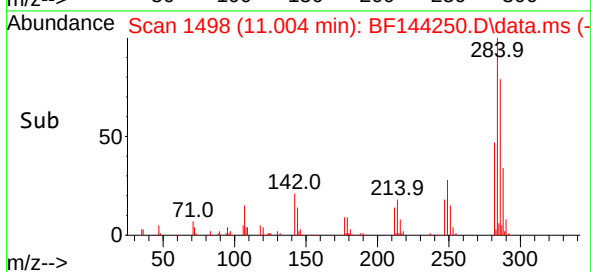
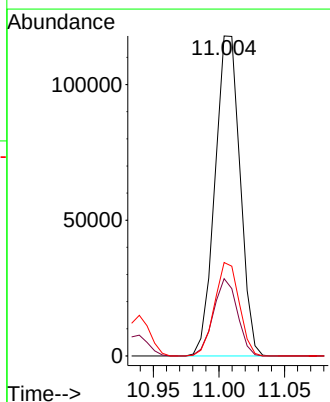
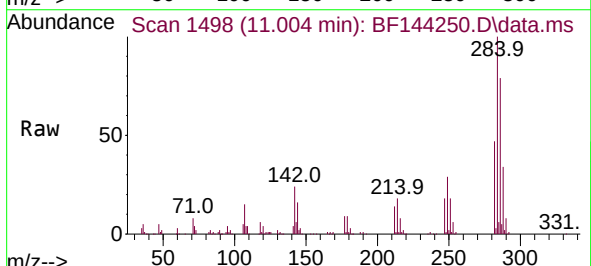
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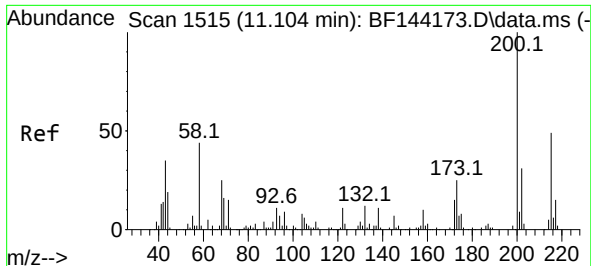
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#68
Hexachlorobenzene
Concen: 43.728 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

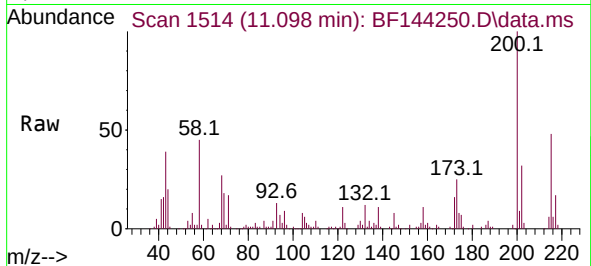
Tgt Ion:284 Resp: 157053
Ion Ratio Lower Upper
284 100
142 24.1 19.2 28.8
249 29.2 23.8 35.8





#69
 Atrazine
 Concen: 45.471 ng
 RT: 11.098 min Scan# 111108
 Delta R.T. -0.000 min
 Lab File: BF144250.D
 Acq: 13 Nov 2025 18:23

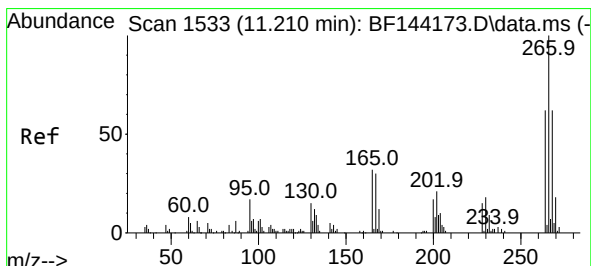
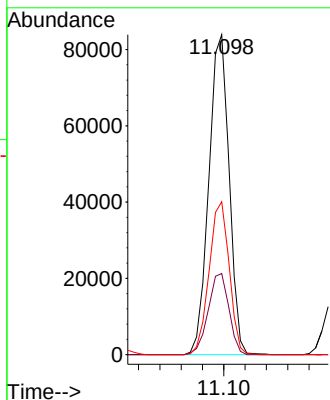
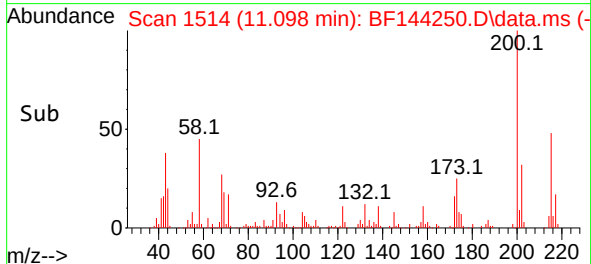
Instrument :
 BNA_F
 ClientSampleId :
 AU-713-COMP-01MSD



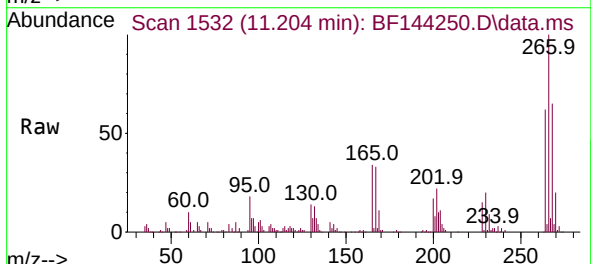
Tgt Ion:200 Resp: 111108
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.0 45.0
 215 47.8 28.7 68.7

Manual Integrations
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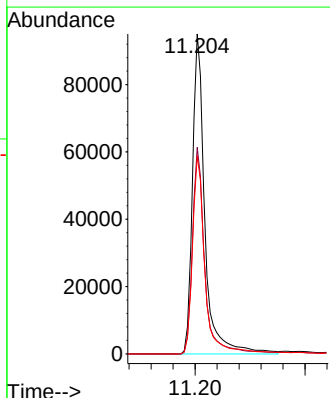
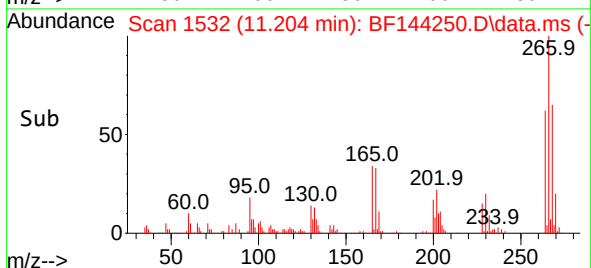
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

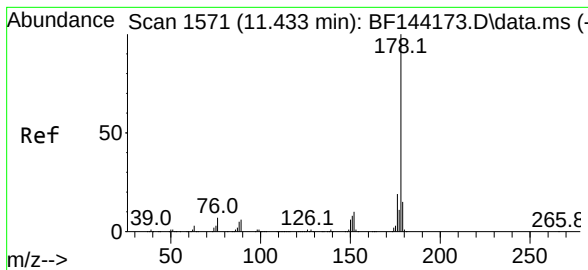


#70
 Pentachlorophenol
 Concen: 83.574 ng
 RT: 11.204 min Scan# 1532
 Delta R.T. -0.012 min
 Lab File: BF144250.D
 Acq: 13 Nov 2025 18:23



Tgt Ion:266 Resp: 149471
 Ion Ratio Lower Upper
 266 100
 268 64.5 49.5 74.3
 264 61.9 49.4 74.2





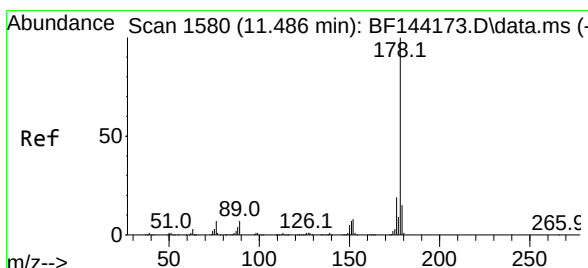
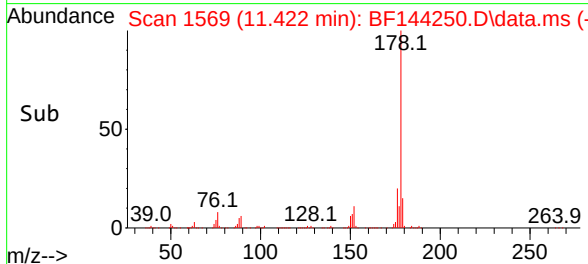
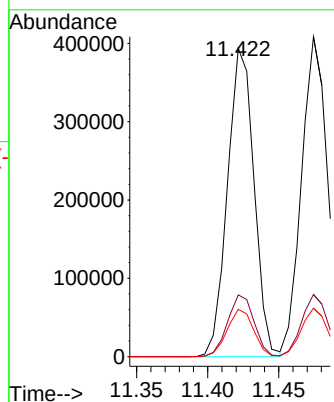
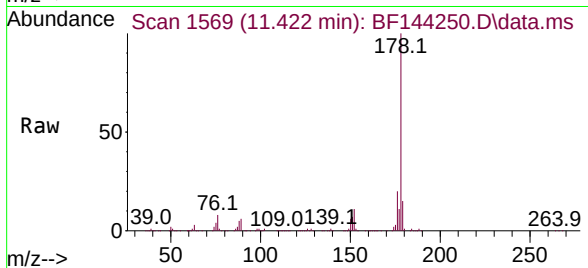
#71
Phenanthrene
Concen: 43.030 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD

Tgt Ion:	178	Resp:	511800
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.5	23.3
179	15.3	12.2	18.4

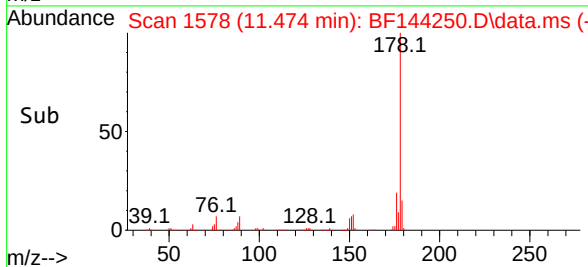
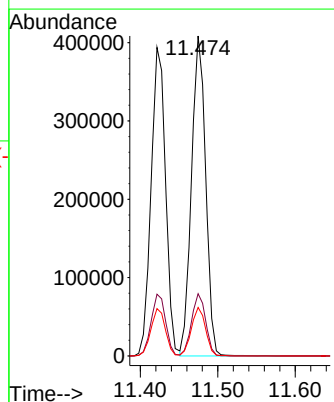
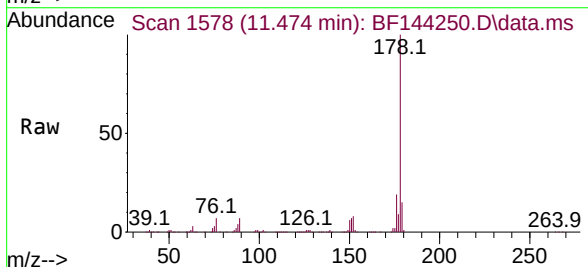
Manual Integrations
APPROVED

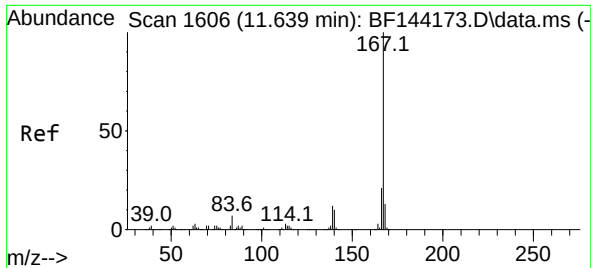
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 42.871 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

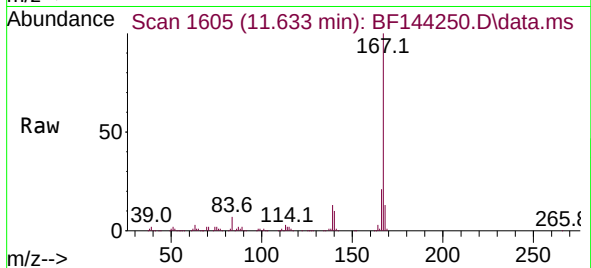
Tgt Ion:	178	Resp:	518491
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.3	22.9
179	15.1	12.0	18.0





#73
 Carbazole
 Concen: 43.029 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF144250.D
 Acq: 13 Nov 2025 18:23

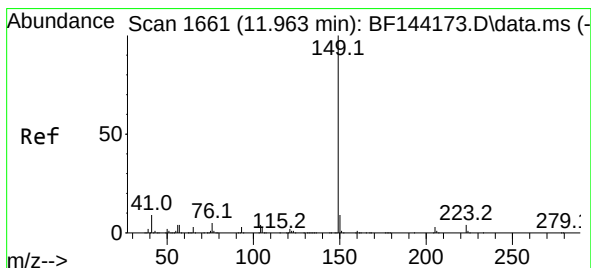
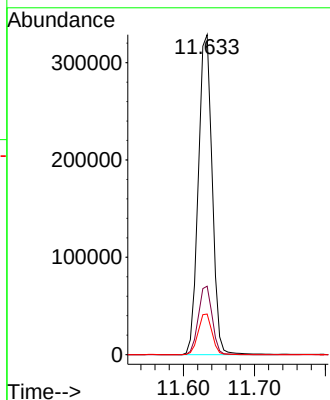
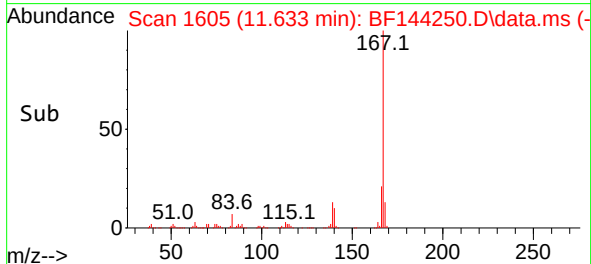
Instrument :
 BNA_F
 ClientSampleId :
 AU-713-COMP-01MSD



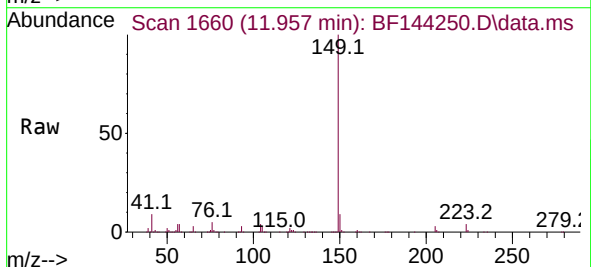
Tgt Ion:167 Resp: 442517
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.7 9.9 14.9

Manual Integrations
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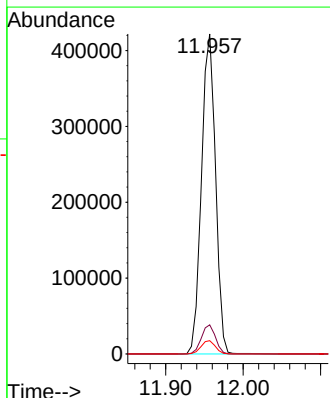
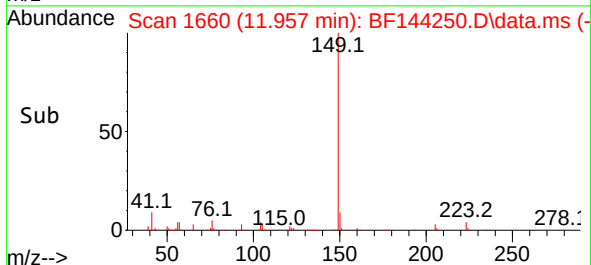
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

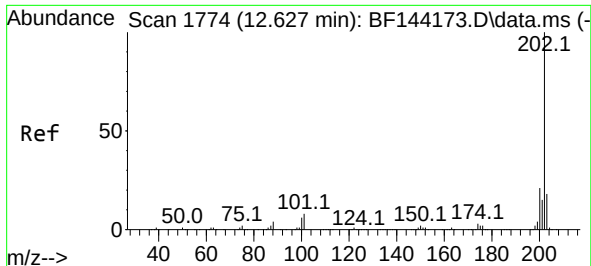


#74
 Di-n-butylphthalate
 Concen: 42.611 ng
 RT: 11.957 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF144250.D
 Acq: 13 Nov 2025 18:23



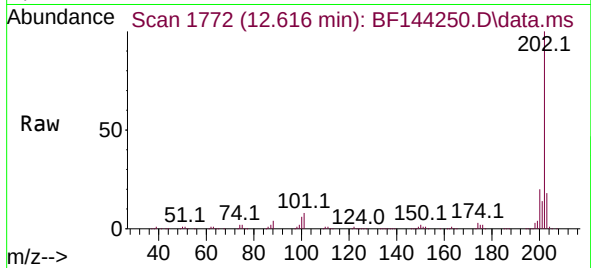
Tgt Ion:149 Resp: 529764
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.1 3.4 5.2





#75
Fluoranthene
Concen: 41.284 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

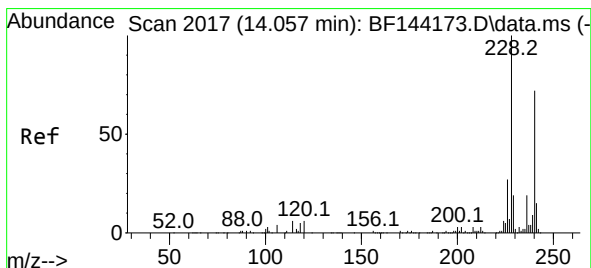
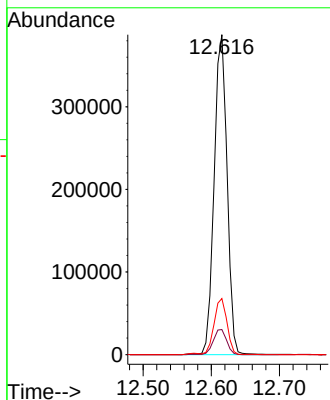
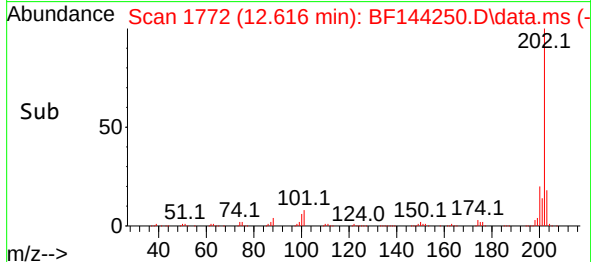
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



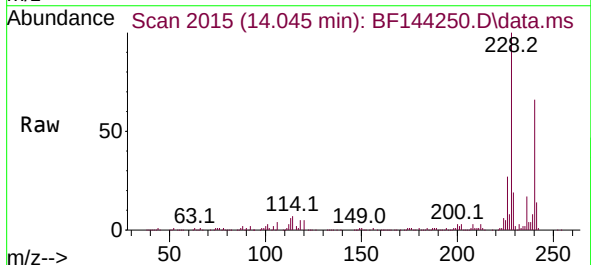
Tgt Ion:202 Resp: 507242
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.9
203 17.5 0.0 37.5

Manual Integrations
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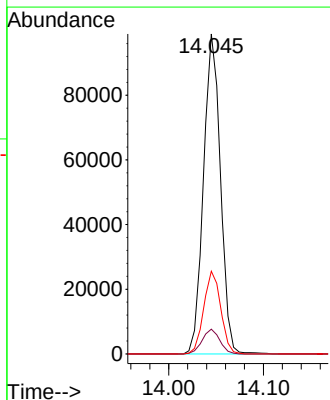
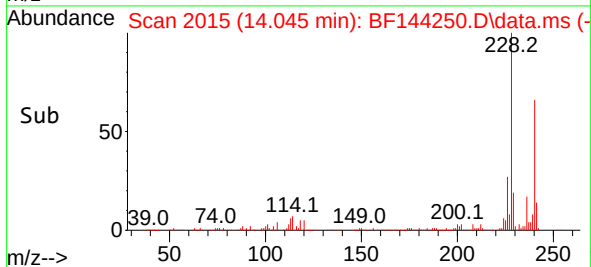
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

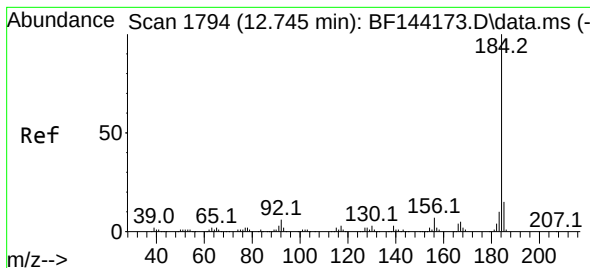


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



Tgt Ion:240 Resp: 123307
Ion Ratio Lower Upper
240 100
120 7.7 6.6 10.0
236 25.8 21.4 32.2





#77

Benzidine

Concen: 16.686 ng

RT: 12.739 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MSD

Tgt Ion:184 Resp: 60858

Ion Ratio Lower Upper

184 100

185 13.6 11.7 17.5

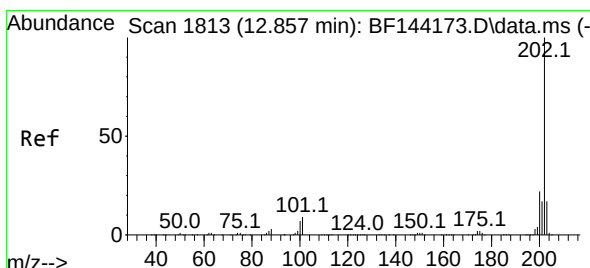
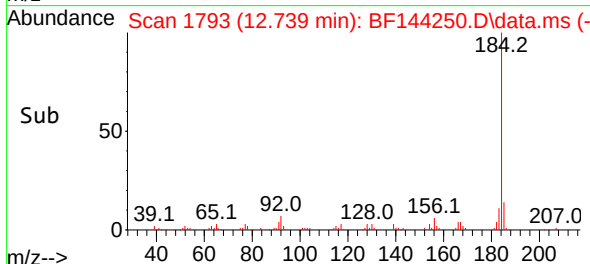
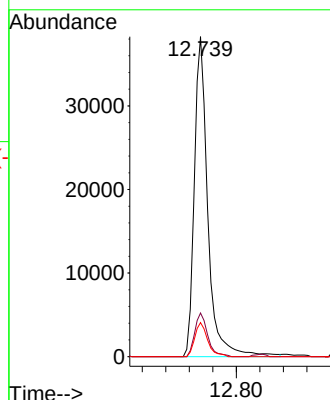
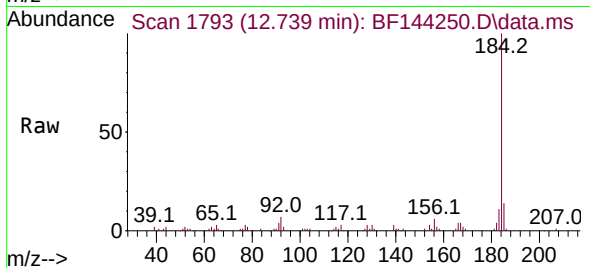
183 10.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#78

Pyrene

Concen: 50.188 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

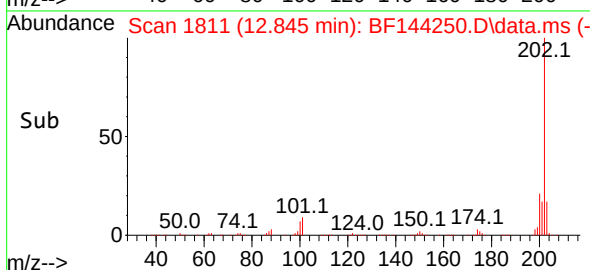
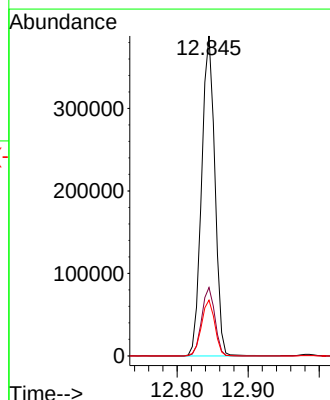
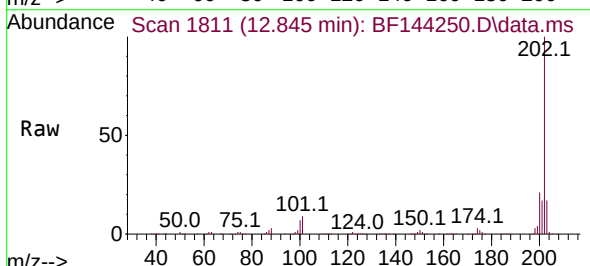
Tgt Ion:202 Resp: 498975

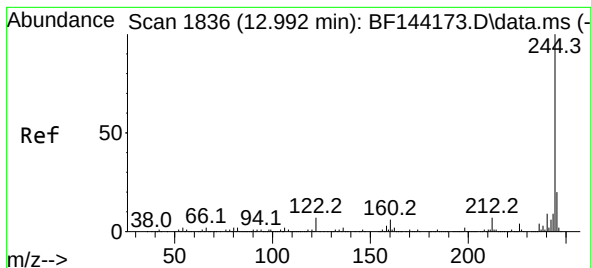
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 95.452 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144250.D

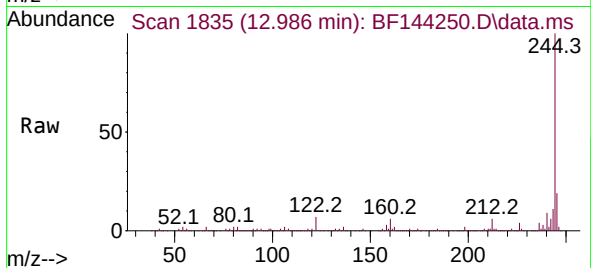
Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MSD



Tgt Ion:244 Resp: 740989

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

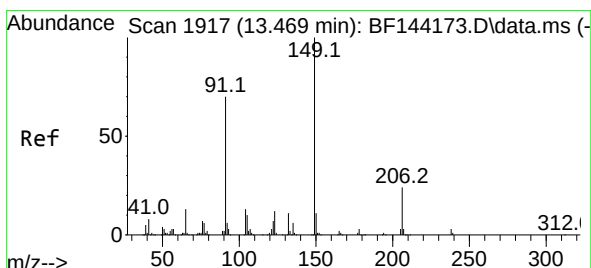
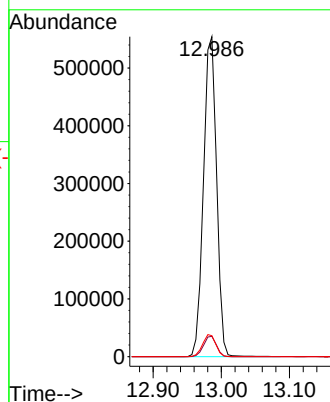
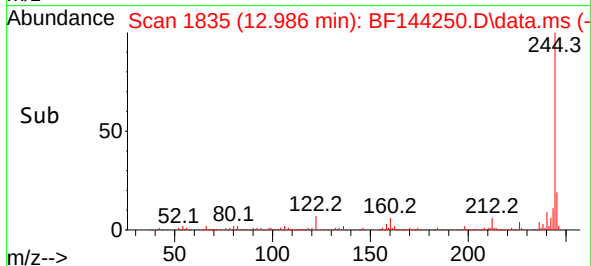
122 6.5 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#80

Butylbenzylphthalate

Concen: 46.645 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

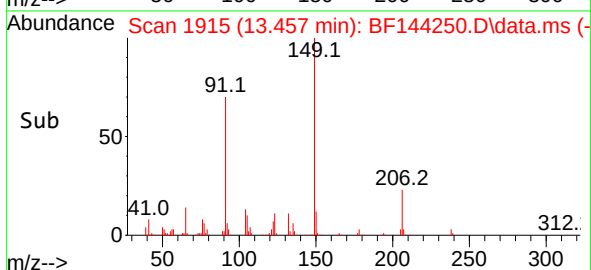
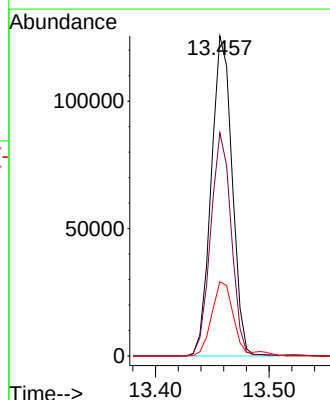
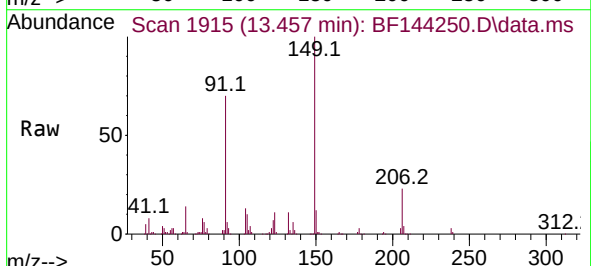
Tgt Ion:149 Resp: 160731

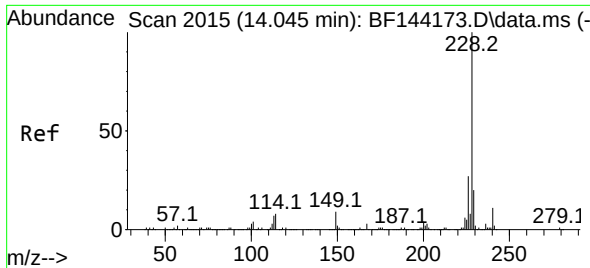
Ion Ratio Lower Upper

149 100

91 69.7 56.1 84.1

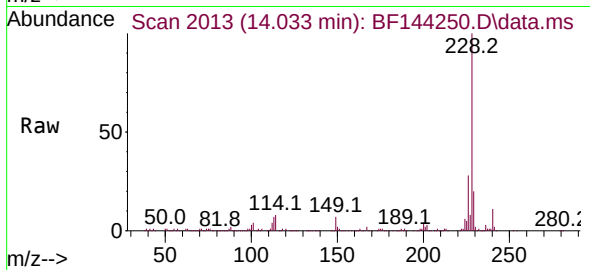
206 23.2 18.8 28.2





#81
Benzo(a)anthracene
Concen: 44.186 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

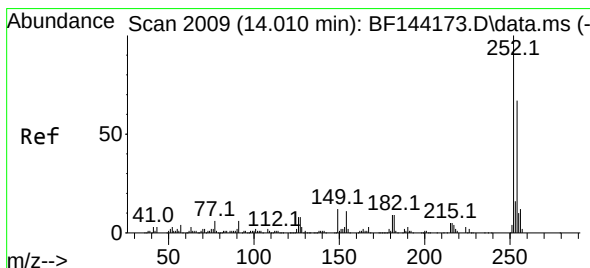
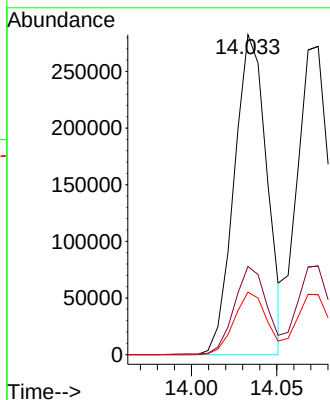
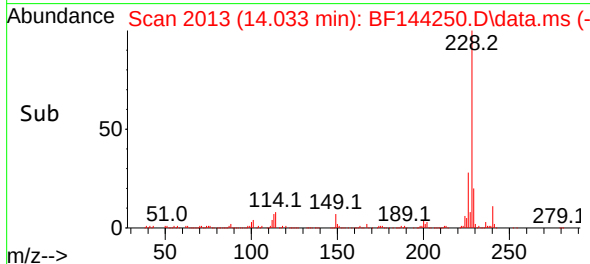
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



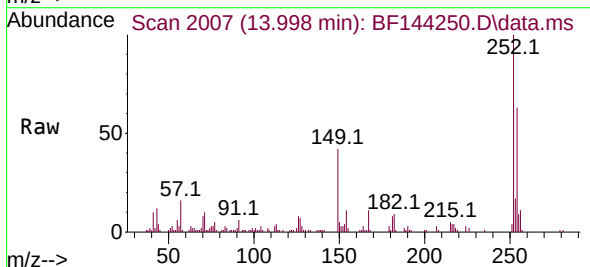
Tgt Ion:228 Resp: 377622
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.5 15.8 23.6

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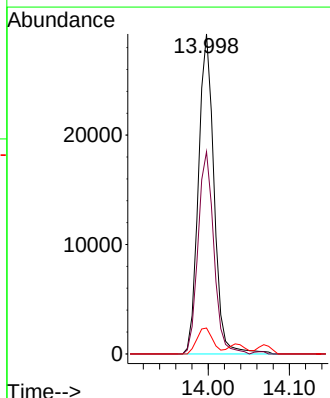
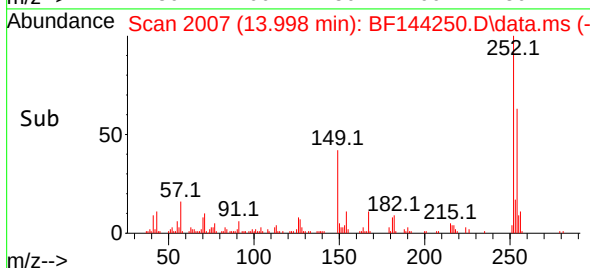
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

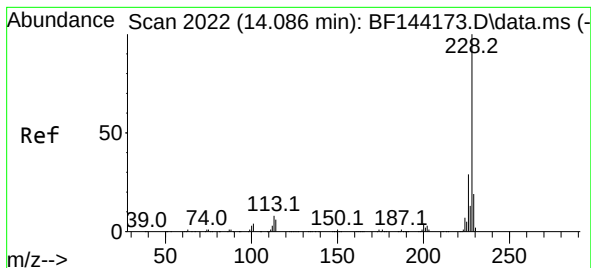


#82
3,3'-Dichlorobenzidine
Concen: 13.334 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



Tgt Ion:252 Resp: 39060
Ion Ratio Lower Upper
252 100
254 63.2 53.5 80.3
126 8.1 6.4 9.6





#83

Chrysene

Concen: 46.069 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MSD

Tgt Ion:228 Resp: 363448

Ion Ratio Lower Upper

228 100

226 28.7 22.9 34.3

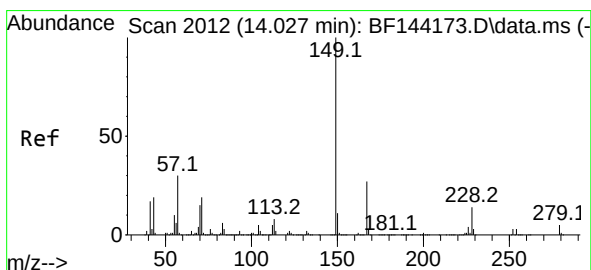
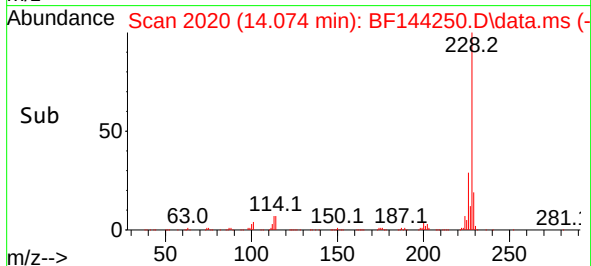
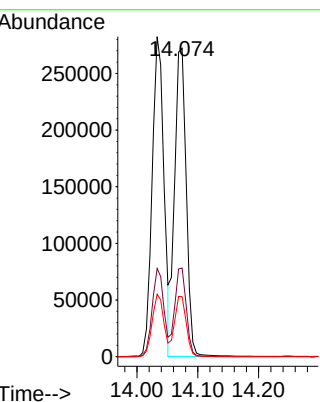
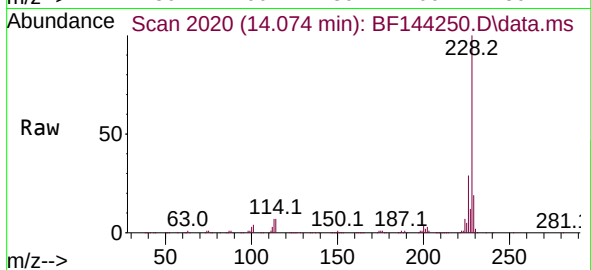
229 19.4 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.395 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

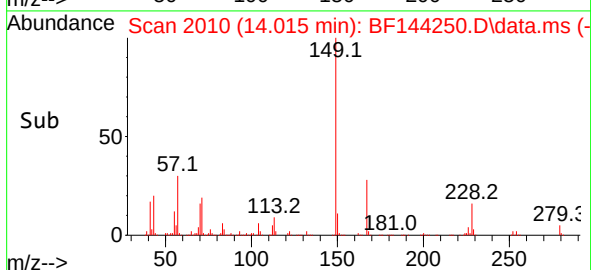
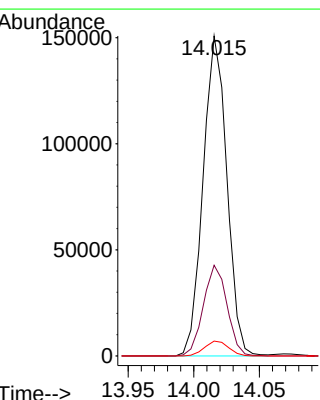
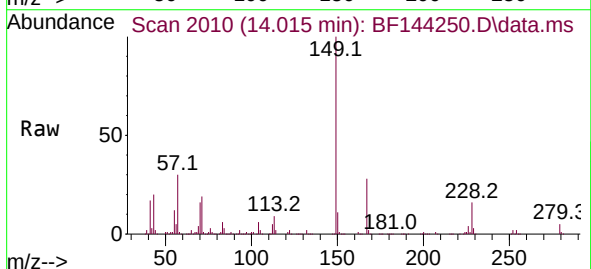
Tgt Ion:149 Resp: 190546

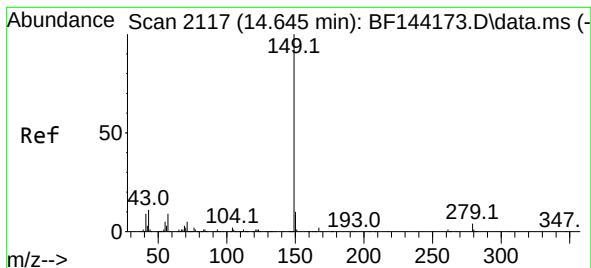
Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

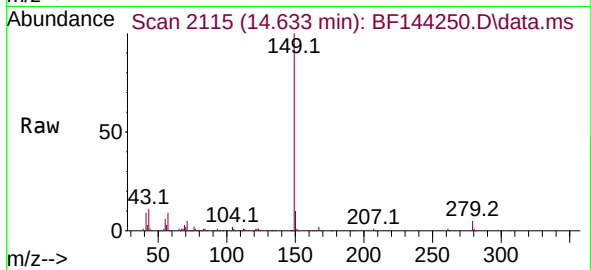
279 4.6 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 40.421 ng
RT: 14.633 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

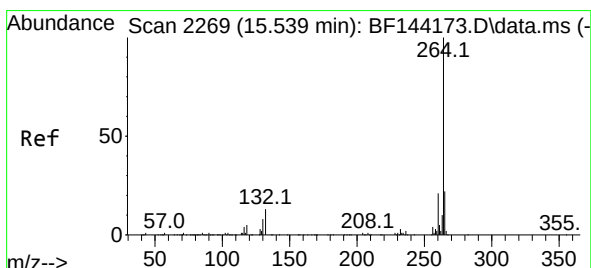
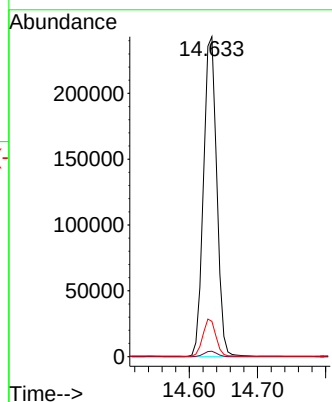
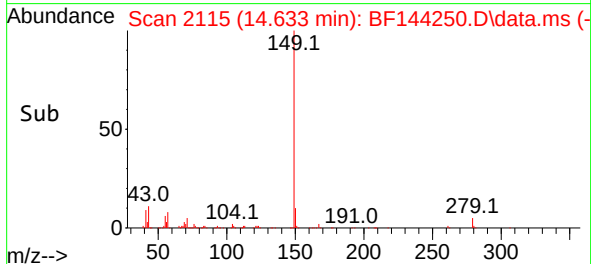
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



Tgt Ion:149 Resp: 328972
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.4 9.0 13.4

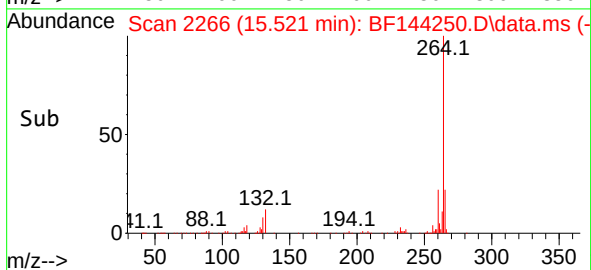
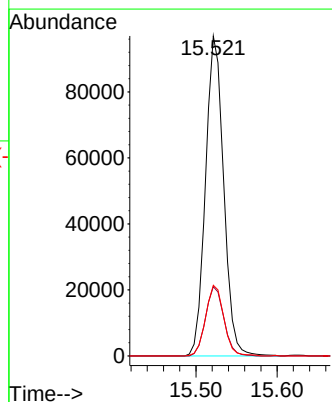
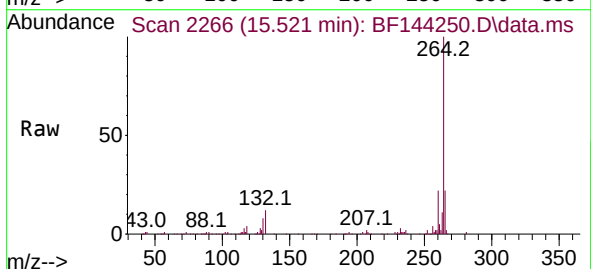
Manual Integrations
APPROVED

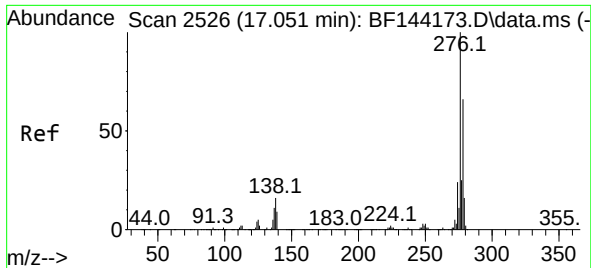
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

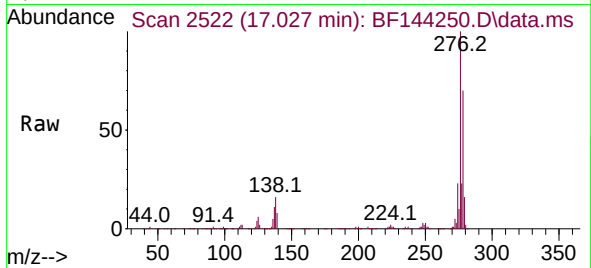
Tgt Ion:264 Resp: 150867
Ion Ratio Lower Upper
264 100
260 21.6 17.1 25.7
265 22.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.751 ng
RT: 17.027 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

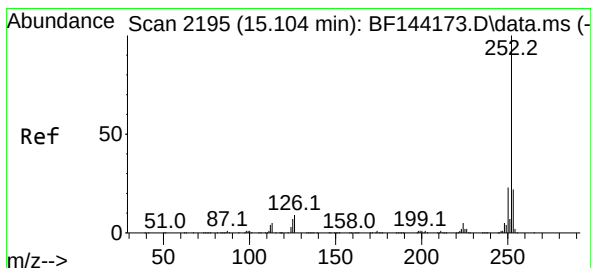
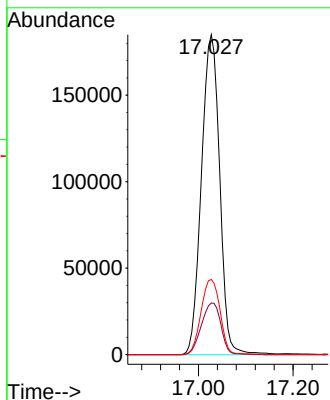
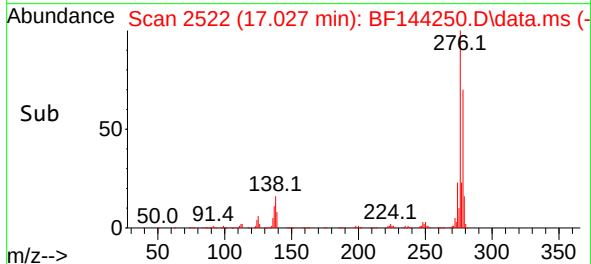
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



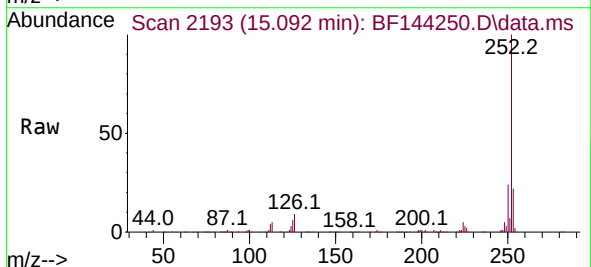
Tgt Ion:276 Resp: 495479
Ion Ratio Lower Upper
276 100
138 17.2 13.9 20.9
277 24.5 19.8 29.6

Manual Integrations
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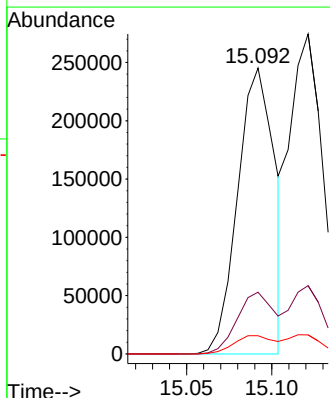
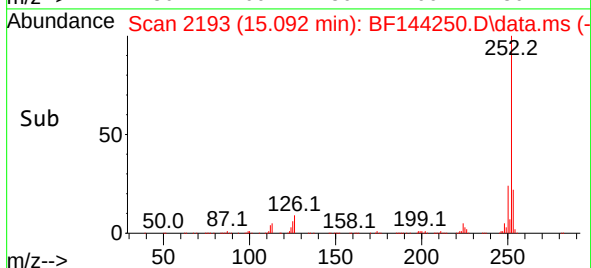
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

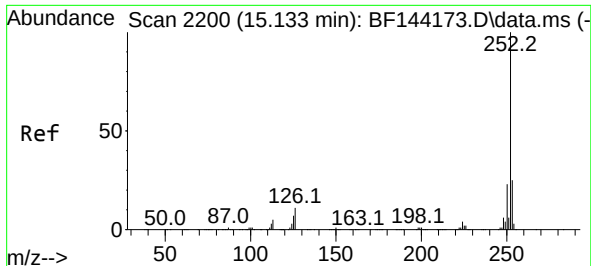


#88
Benzo(b)fluoranthene
Concen: 42.985 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



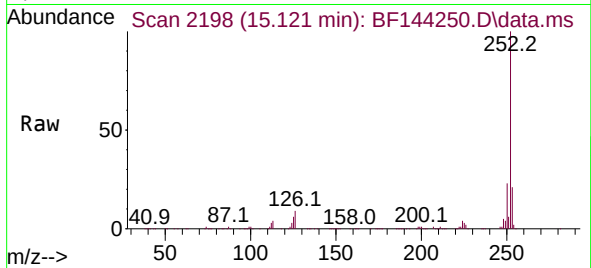
Tgt Ion:252 Resp: 368684
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 6.4 5.3 7.9





#89
Benzo(k)fluoranthene
Concen: 47.004 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23

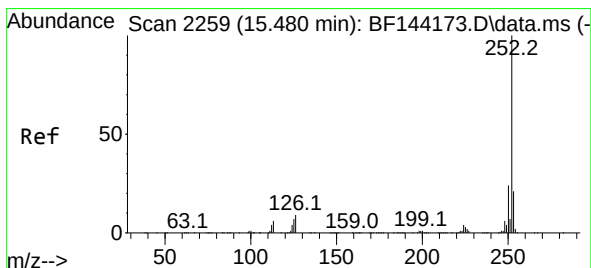
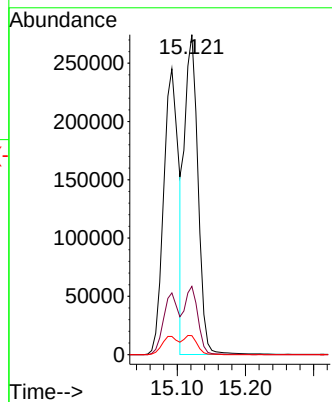
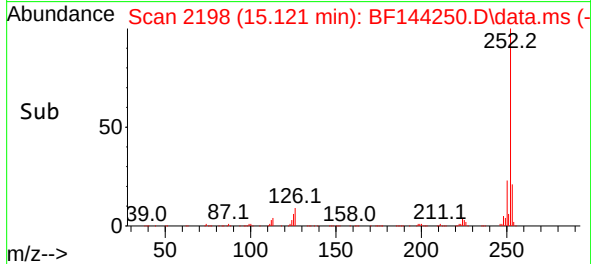
Instrument :
BNA_F
ClientSampleId :
AU-713-COMP-01MSD



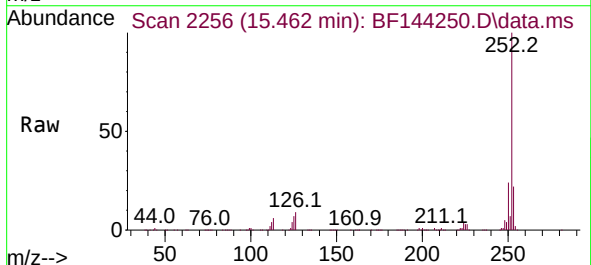
Tgt Ion:252 Resp: 37735
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 5.9 5.4 8.2

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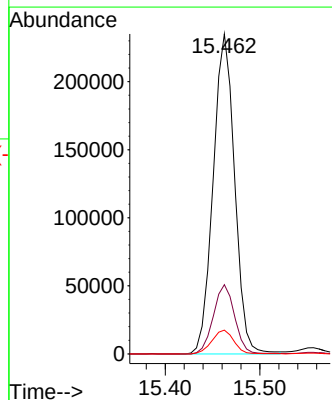
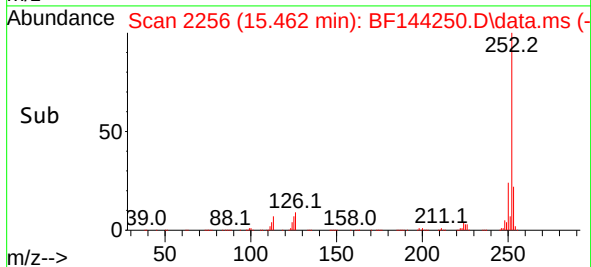
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

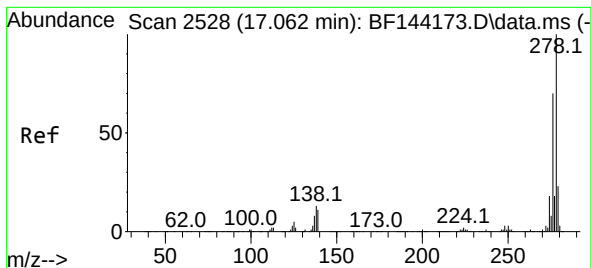


#90
Benzo(a)pyrene
Concen: 46.804 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144250.D
Acq: 13 Nov 2025 18:23



Tgt Ion:252 Resp: 370346
Ion Ratio Lower Upper
252 100
253 21.6 16.7 25.1
125 7.4 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 47.153 ng

RT: 17.039 min Scan# 2528

Delta R.T. -0.012 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Instrument :

BNA_F

ClientSampleId :

AU-713-COMP-01MSD

Tgt Ion:278 Resp: 41011

Ion Ratio Lower Upper

278 100

139 10.1 9.1 13.7

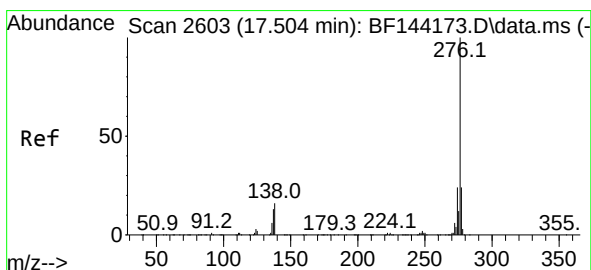
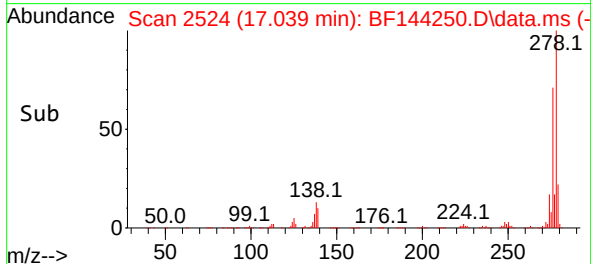
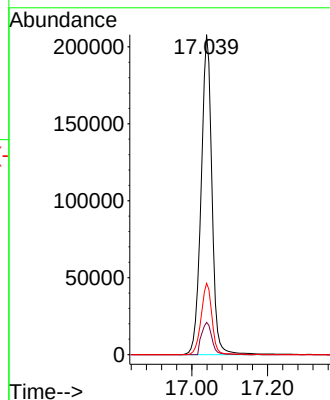
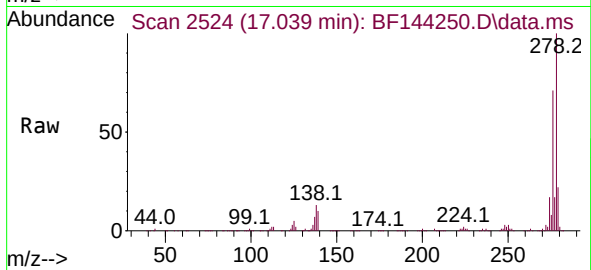
279 22.3 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#92

Benzo(g,h,i)perylene

Concen: 46.578 ng

RT: 17.480 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF144250.D

Acq: 13 Nov 2025 18:23

Tgt Ion:276 Resp: 400051

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 15.0 12.9 19.3

