

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141946.D
 Acq On : 13 Mar 2025 17:44
 Operator : RC/JU
 Sample : Q1547-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01MS

Quant Time: Mar 13 18:01:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	171640	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	694626	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	391787	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	659104	20.000	ng	0.00
76) Chrysene-d12	14.033	240	406603	20.000	ng	0.00
86) Perylene-d12	15.504	264	396481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1145815	111.415	ng	0.01
7) Phenol-d6	6.504	99	1463083	111.736	ng	0.00
23) Nitrobenzene-d5	7.440	82	965046	78.184	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	590081	118.721	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1985122	77.057	ng	0.00
79) Terphenyl-d14	12.980	244	2029986	73.813	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	208520	48.390	ng	98
3) Pyridine	3.522	79	464185	43.915	ng	99
4) n-Nitrosodimethylamine	3.475	42	230563	45.759	ng	99
6) Aniline	6.540	93	262683	20.336	ng	99
8) 2-Chlorophenol	6.657	128	545162	47.796	ng	99
9) Benzaldehyde	6.428	77	164670	22.486	ng	99
10) Phenol	6.516	94	644729	46.803	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	471682	45.601	ng	100
12) 1,3-Dichlorobenzene	6.816	146	570686	46.344	ng	99
13) 1,4-Dichlorobenzene	6.893	146	584066	46.878	ng	100
14) 1,2-Dichlorobenzene	7.045	146	558811	47.618	ng	98
15) Benzyl Alcohol	7.016	79	493068	46.578	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	545170	43.656	ng	99
17) 2-Methylphenol	7.128	107	438907	48.397	ng	98
18) Hexachloroethane	7.387	117	217086	46.464	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	373337	44.372	ng	99
20) 3+4-Methylphenols	7.275	107	554311	47.719	ng	93
22) Acetophenone	7.287	105	824632	49.573	ng	99
24) Nitrobenzene	7.457	77	564267	45.985	ng	100
25) Isophorone	7.698	82	1028633	47.145	ng	99
26) 2-Nitrophenol	7.775	139	292348	48.543	ng	99
27) 2,4-Dimethylphenol	7.804	122	480148	57.900	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	610503	44.612	ng	99
29) 2,4-Dichlorophenol	8.010	162	473993	46.050	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	513088	45.233	ng	99
31) Naphthalene	8.181	128	1586831	44.472	ng	100
32) Benzoic acid	7.934	122	401708	55.108	ng	99
33) 4-Chloroaniline	8.222	127	81050	6.434	ng	99
34) Hexachlorobutadiene	8.298	225	338447	45.751	ng	99
35) Caprolactam	8.598	113	153520m	48.921	ng	
36) 4-Chloro-3-methylphenol	8.704	107	522430	45.500	ng	98
37) 2-Methylnaphthalene	8.869	142	1041655	43.675	ng	100
38) 1-Methylnaphthalene	8.969	142	1009701	43.871	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	619956	51.973	ng	98
41) Hexachlorocyclopentadiene	9.022	237	729682	156.307	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	372103	47.732	ng	99

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Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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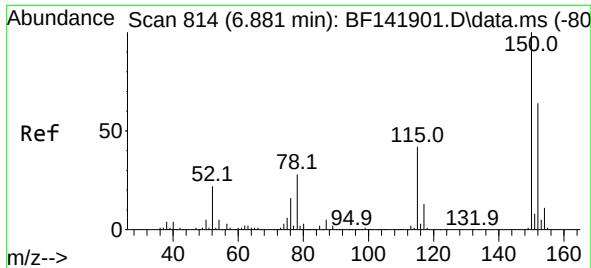
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	380937	48.248	ng	100
46) 1,1'-Biphenyl	9.334	154	1509712	50.715	ng	99
47) 2-Chloronaphthalene	9.357	162	1043409	47.026	ng	99
48) 2-Nitroaniline	9.451	65	303513	47.244	ng	98
49) Acenaphthylene	9.775	152	1593580	48.399	ng	100
50) Dimethylphthalate	9.634	163	1254596	45.728	ng	100
51) 2,6-Dinitrotoluene	9.698	165	271364	47.504	ng	94
52) Acenaphthene	9.945	154	1206598	52.146	ng	99
53) 3-Nitroaniline	9.863	138	102923	17.762	ng	97
54) 2,4-Dinitrophenol	9.969	184	331534	100.328	ng	# 50
55) Dibenzofuran	10.122	168	1465045	44.311	ng	99
56) 4-Nitrophenol	10.022	139	445552	101.962	ng	100
57) 2,4-Dinitrotoluene	10.098	165	370531	49.662	ng	97
58) Fluorene	10.463	166	1160086	45.499	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	333083	46.361	ng	99
60) Diethylphthalate	10.333	149	1228074	44.891	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	606705	45.641	ng	99
62) 4-Nitroaniline	10.481	138	254987	45.200	ng	98
63) Azobenzene	10.616	77	1291417	50.775	ng	93
65) 4,6-Dinitro-2-methylph...	10.504	198	209115	53.221	ng	99
66) n-Nitrosodiphenylamine	10.575	169	1004229	47.083	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	387353	46.795	ng	97
68) Hexachlorobenzene	11.010	284	439070	48.363	ng	96
69) Atrazine	11.098	200	398467	60.941	ng	99
70) Pentachlorophenol	11.198	266	556521	99.492	ng	100
71) Phenanthrene	11.422	178	1686565	47.375	ng	100
72) Anthracene	11.475	178	1686427	47.217	ng	100
73) Carbazole	11.628	167	1413337	45.884	ng	100
74) Di-n-butylphthalate	11.957	149	1828098	44.728	ng	100
75) Fluoranthene	12.610	202	1654964	43.824	ng	99
77) Benzidine	12.727	184	413196	72.837	ng	99
78) Pyrene	12.839	202	1631390	46.384	ng	100
80) Butylbenzylphthalate	13.457	149	624824	45.388	ng	99
81) Benzo(a)anthracene	14.021	228	1322113	49.552	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	197679	25.637	ng	98
83) Chrysene	14.063	228	1118088	46.229	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	843728	44.452	ng	100
85) Di-n-octyl phthalate	14.621	149	1292537	48.942	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1287978	50.218	ng	98
88) Benzo(b)fluoranthene	15.074	252	1160054	42.691	ng	100
89) Benzo(k)fluoranthene	15.104	252	1093471	47.023	ng	99
90) Benzo(a)pyrene	15.445	252	1060301	49.869	ng	99
91) Dibenzo(a,h)anthracene	17.010	278	1050607	49.647	ng	100
92) Benzo(g,h,i)perylene	17.439	276	963917	46.095	ng	98

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

Manual Integrations

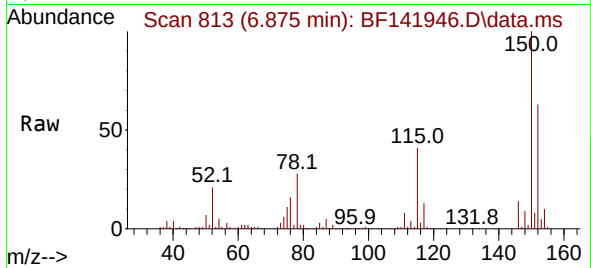
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

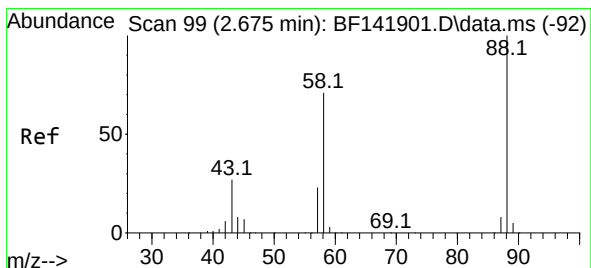
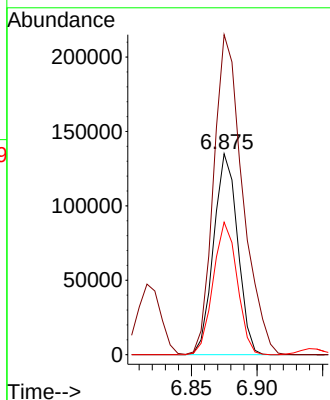
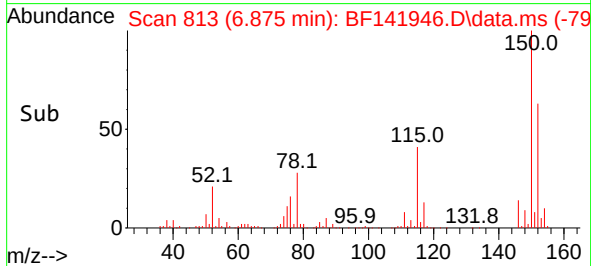
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:152 Resp: 171640
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.2
115 65.9 51.9 77.9

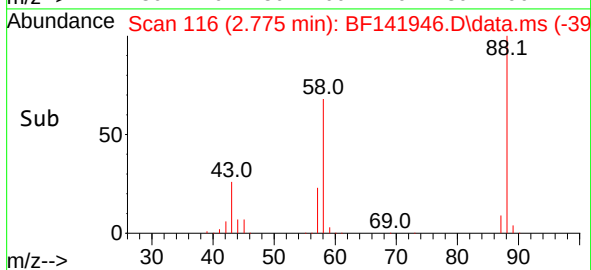
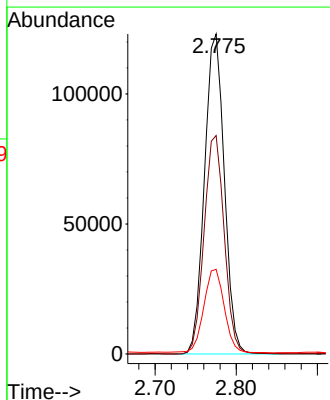
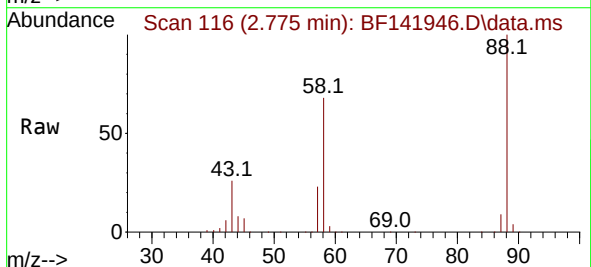
Manual Integrations
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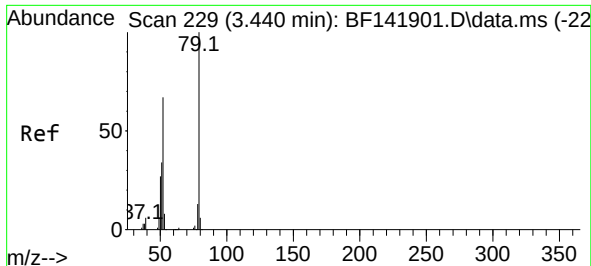
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#2
1,4-Dioxane
Concen: 48.390 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.100 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

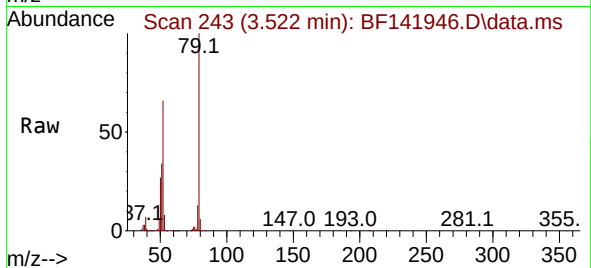
Tgt Ion: 88 Resp: 208520
Ion Ratio Lower Upper
88 100
58 69.5 57.4 86.2
43 27.1 21.5 32.3





#3
 Pyridine
 Concen: 43.915 ng
 RT: 3.522 min Scan# 243
 Delta R.T. 0.083 min
 Lab File: BF141946.D
 Acq: 13 Mar 2025 17:44

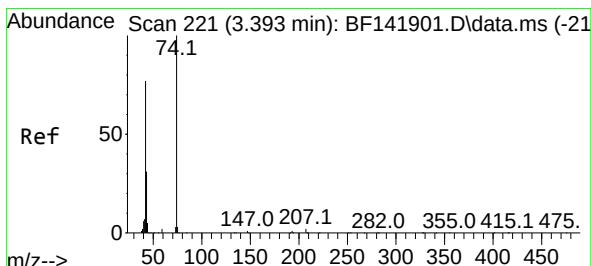
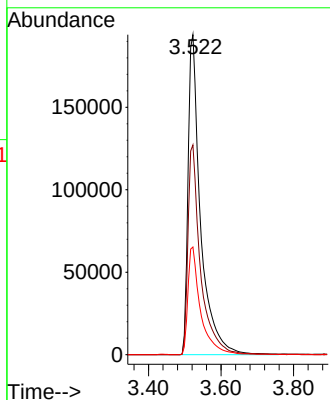
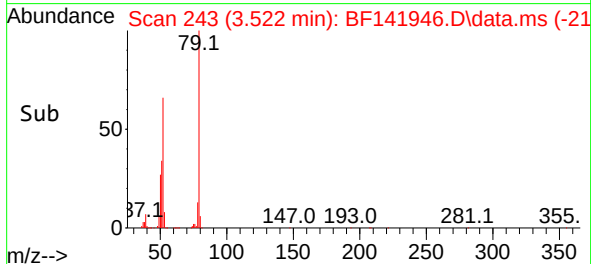
Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01MS



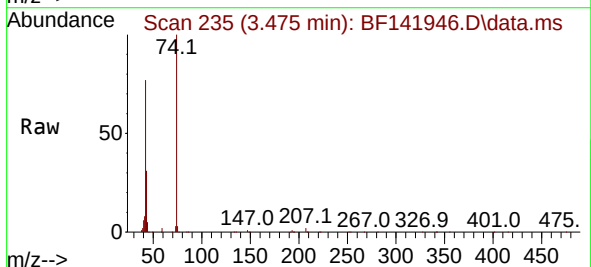
Tgt Ion: 79 Resp: 46418
 Ion Ratio Lower Upper
 79 100
 52 65.6 53.3 79.9
 51 33.7 27.6 41.4

Manual Integrations
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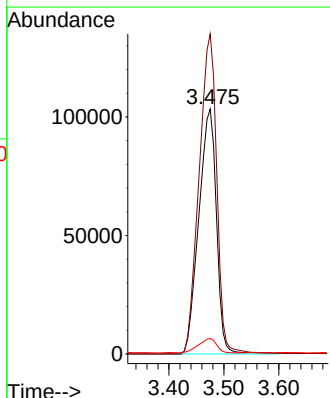
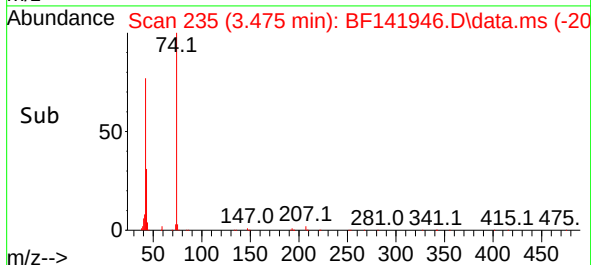
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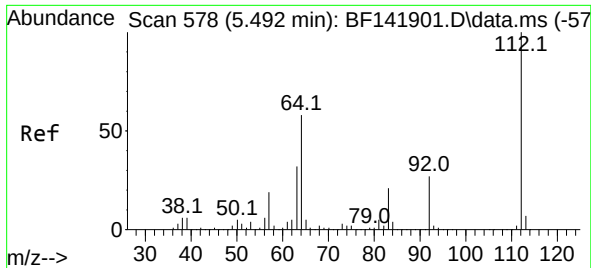


#4
 n-Nitrosodimethylamine
 Concen: 45.759 ng
 RT: 3.475 min Scan# 235
 Delta R.T. 0.083 min
 Lab File: BF141946.D
 Acq: 13 Mar 2025 17:44



Tgt Ion: 42 Resp: 230563
 Ion Ratio Lower Upper
 42 100
 74 130.6 103.4 155.0
 44 6.3 5.0 7.4





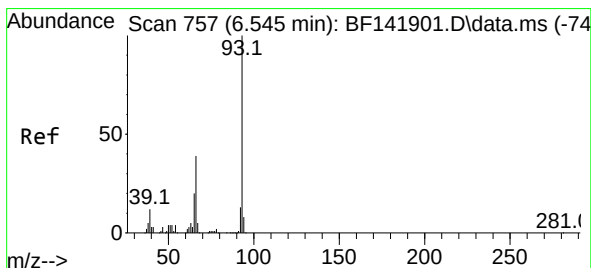
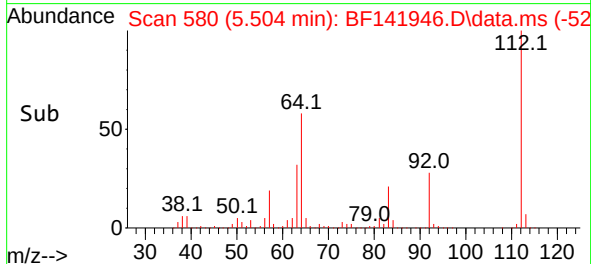
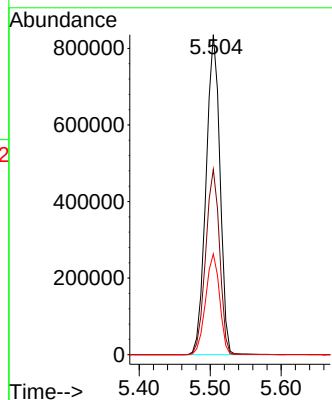
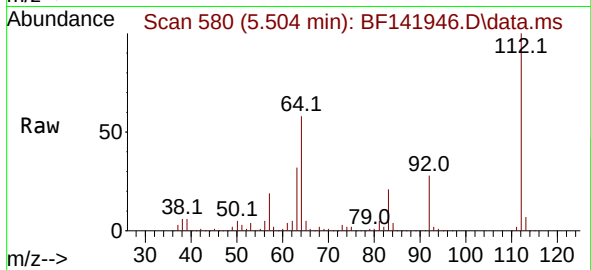
#5
2-Fluorophenol
Concen: 111.415 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Instrument :
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ClientSampleId :
OR-620-JB-COMP-01MS

Tgt Ion:112 Resp: 114581
Ion Ratio Lower Upper
112 100
64 57.9 46.5 69.7
63 31.5 25.4 38.2

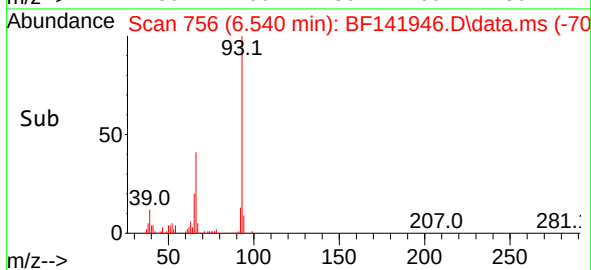
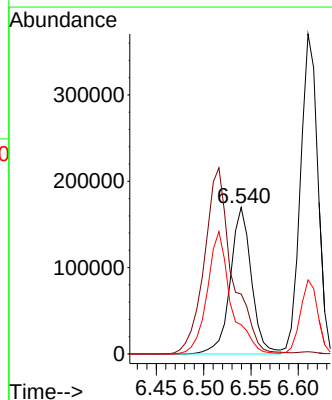
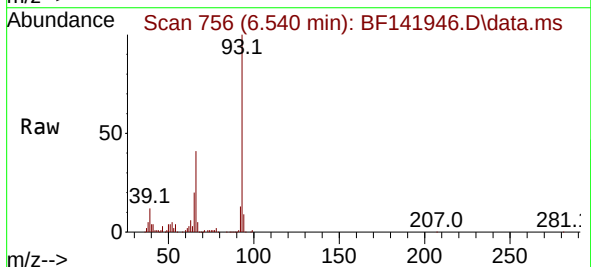
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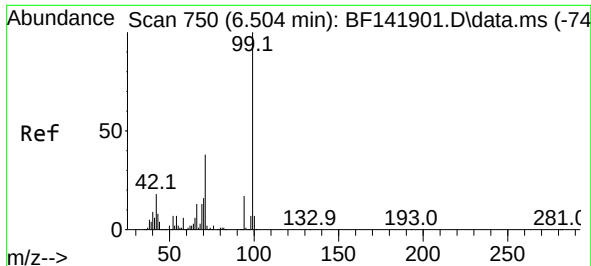
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#6
Aniline
Concen: 20.336 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

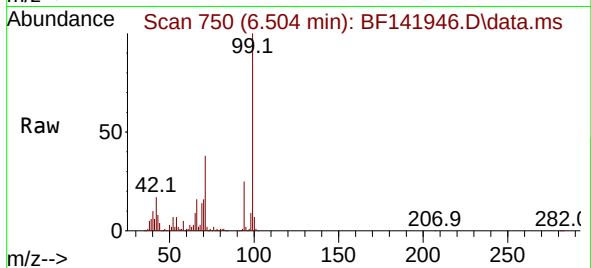
Tgt Ion: 93 Resp: 262683
Ion Ratio Lower Upper
93 100
66 41.0 31.9 47.9
65 20.0 15.8 23.6





#7
Phenol-d6
Concen: 111.736 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

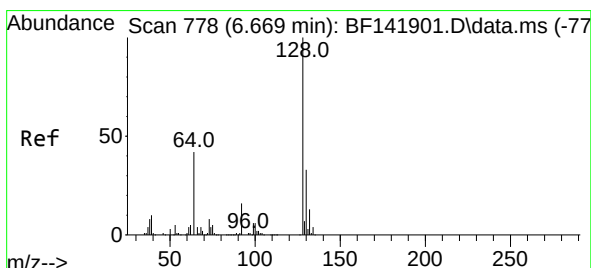
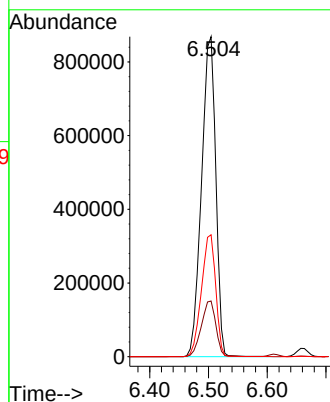
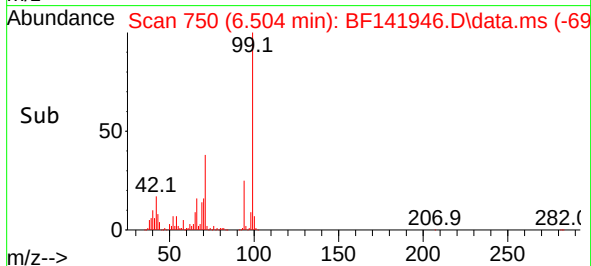
Instrument :
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Tgt Ion: 99 Resp: 146308
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 38.1 30.8 46.2

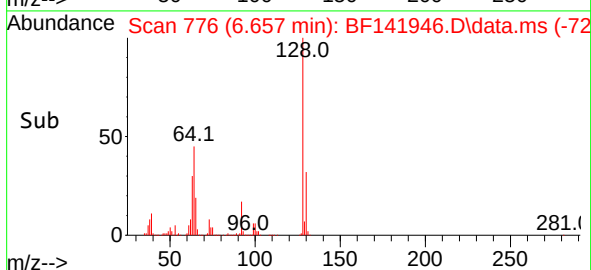
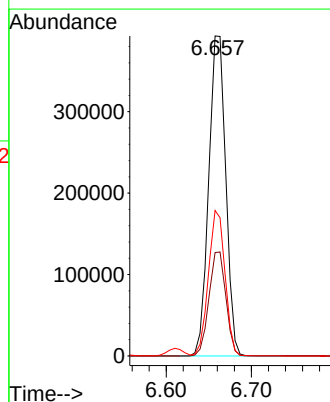
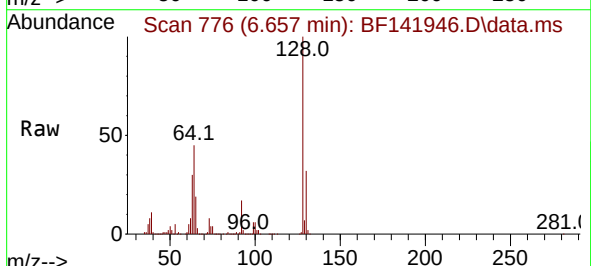
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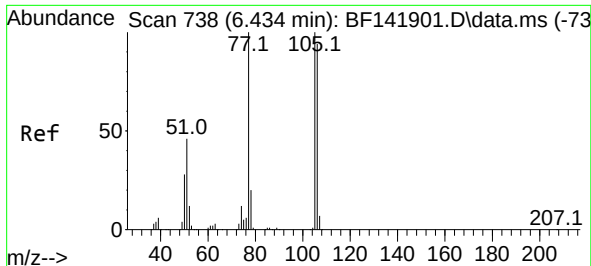
Reviewed By :Anahy Claudio 03/14/2025
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#8
2-Chlorophenol
Concen: 47.796 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

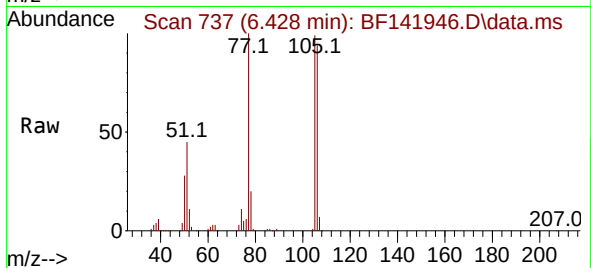
Tgt Ion:128 Resp: 545162
Ion Ratio Lower Upper
128 100
130 32.3 12.8 52.8
64 45.4 24.4 64.4





#9
Benzaldehyde
Concen: 22.486 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

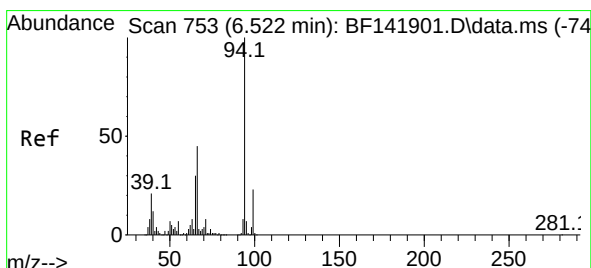
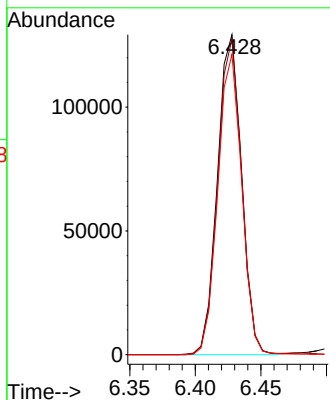
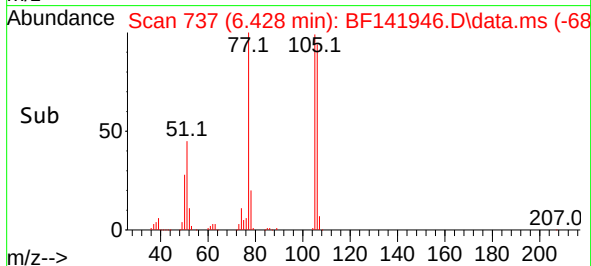
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Tgt Ion: 77 Resp: 164670
Ion Ratio Lower Upper
77 100
105 98.7 80.0 120.0
106 93.9 74.5 114.5

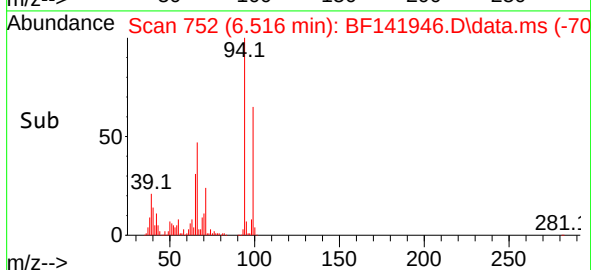
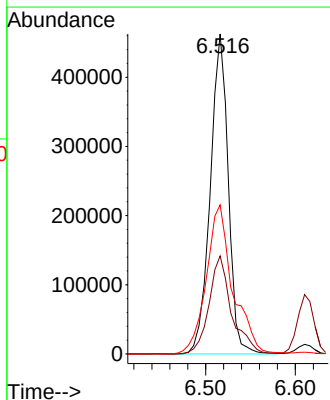
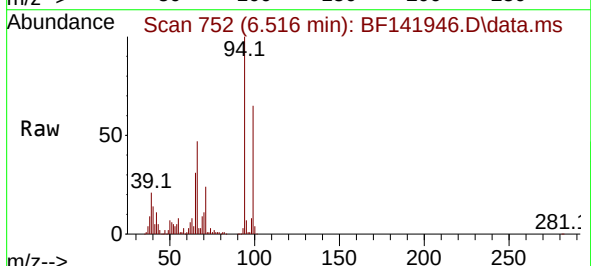
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APPROVED

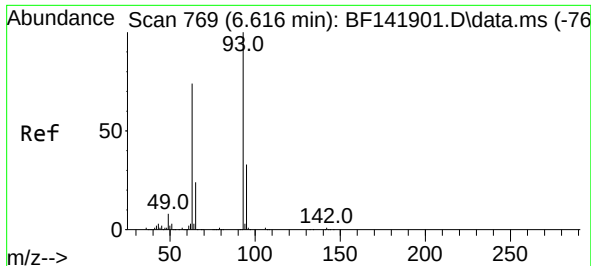
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#10
Phenol
Concen: 46.803 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

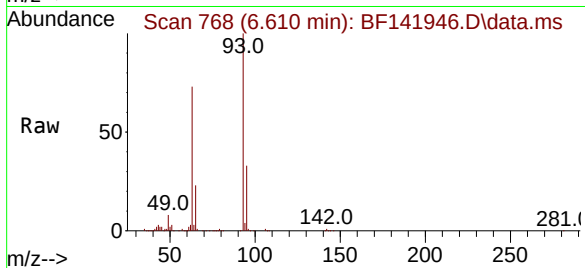
Tgt Ion: 94 Resp: 644729
Ion Ratio Lower Upper
94 100
65 30.6 10.5 50.5
66 46.6 25.8 65.8





#11
bis(2-Chloroethyl)ether
Concen: 45.601 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

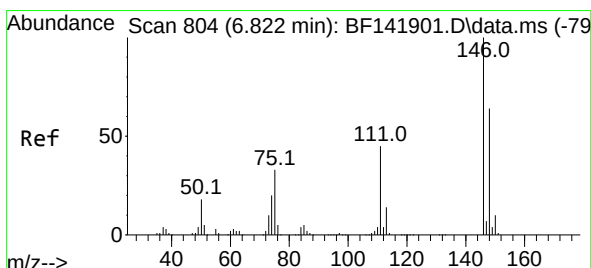
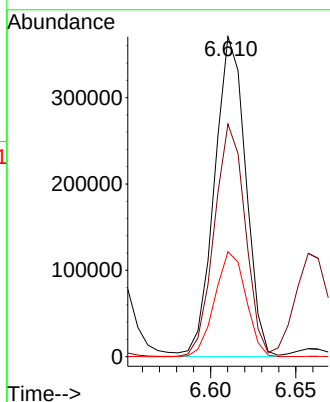
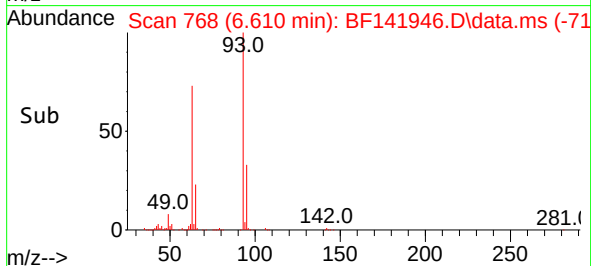
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion: 93 Resp: 471682
Ion Ratio Lower Upper
93 100
63 72.7 53.0 93.0
95 32.8 12.9 52.9

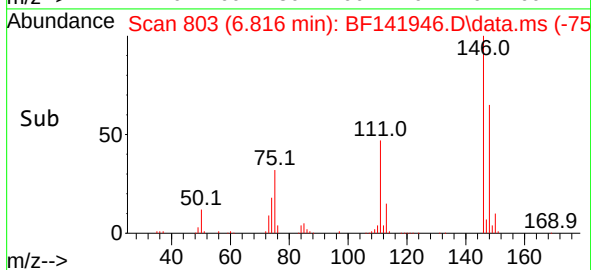
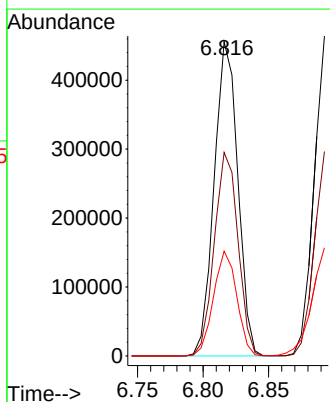
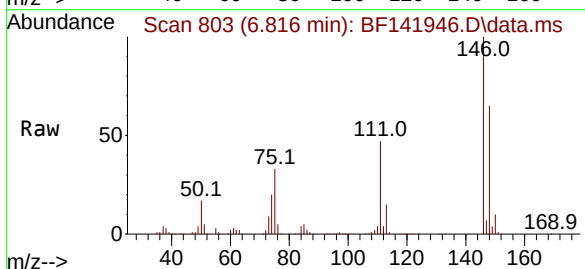
Manual Integrations
APPROVED

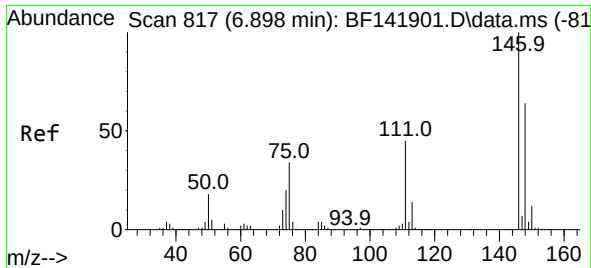
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#12
1,3-Dichlorobenzene
Concen: 46.344 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

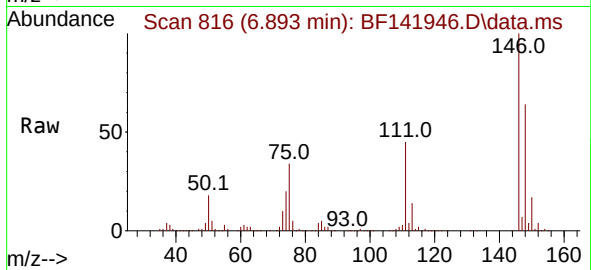
Tgt Ion:146 Resp: 570686
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 33.4 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 46.878 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

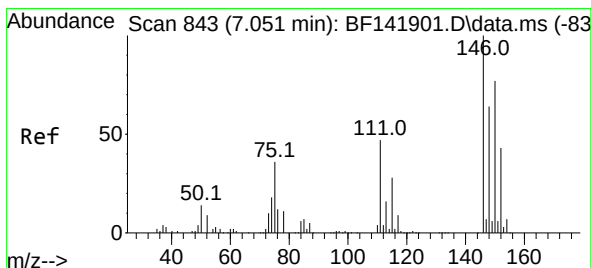
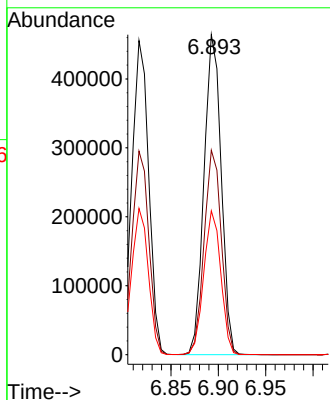
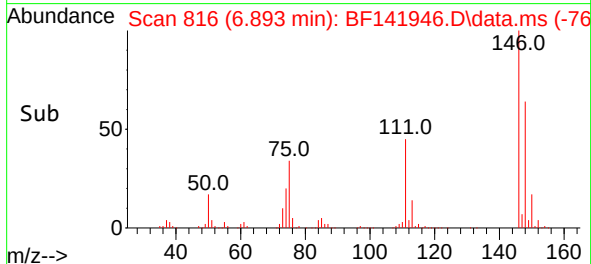
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:146 Resp: 58406
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 44.9 35.7 53.5

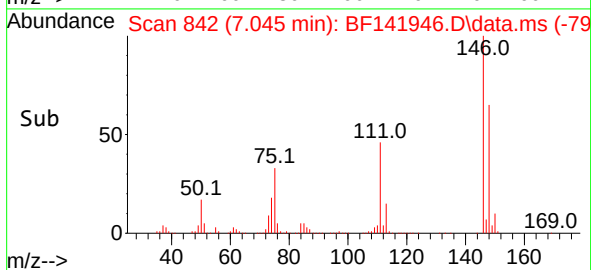
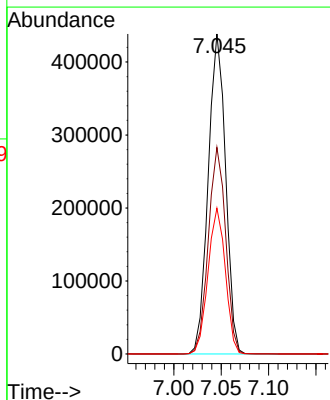
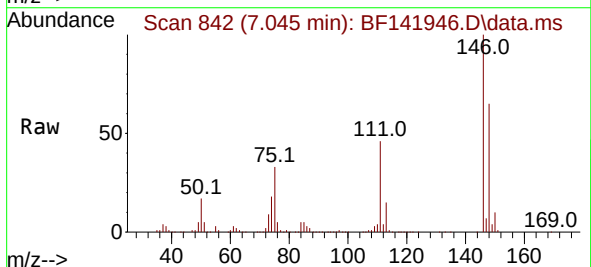
Manual Integrations
APPROVED

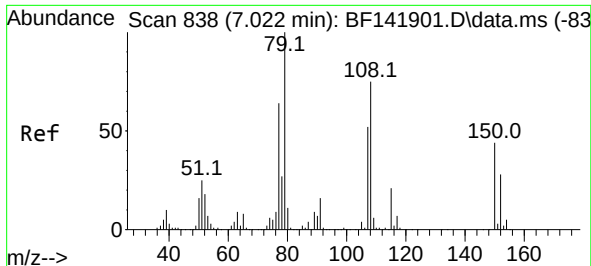
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#14
1,2-Dichlorobenzene
Concen: 47.618 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

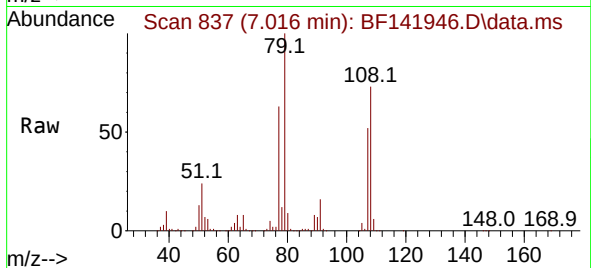
Tgt Ion:146 Resp: 558811
Ion Ratio Lower Upper
146 100
148 64.5 50.8 76.2
111 45.6 38.0 57.0





#15
Benzyl Alcohol
Concen: 46.578 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

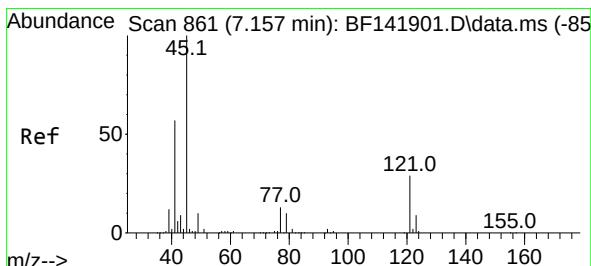
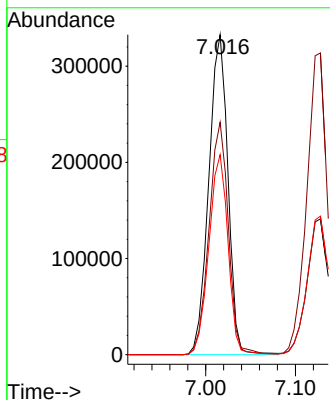
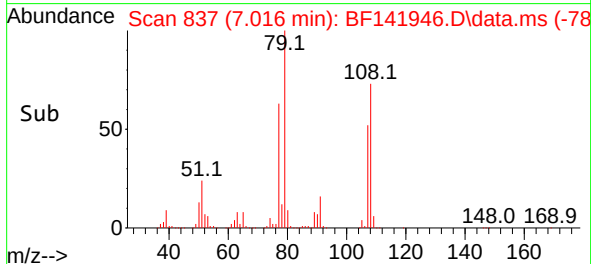
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion: 79 Resp: 493068
Ion Ratio Lower Upper
79 100
108 72.6 59.7 89.5
77 62.5 51.0 76.6

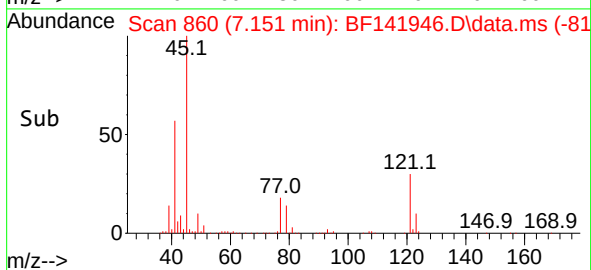
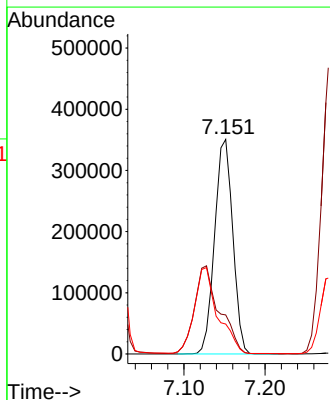
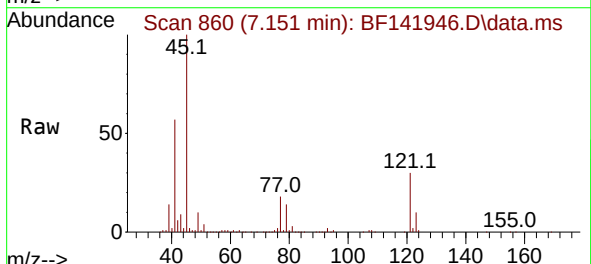
Manual Integrations
APPROVED

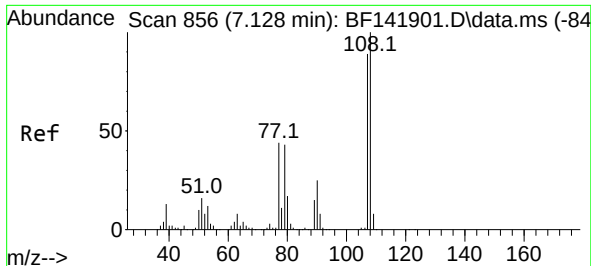
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.656 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

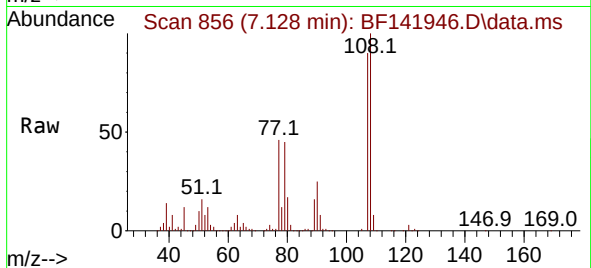
Tgt Ion: 45 Resp: 545170
Ion Ratio Lower Upper
45 100
77 18.2 0.0 37.8
79 14.0 0.0 34.2





#17
2-Methylphenol
Concen: 48.397 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

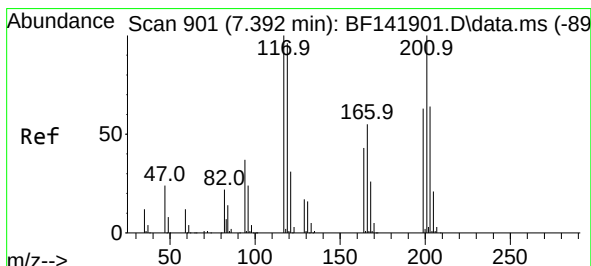
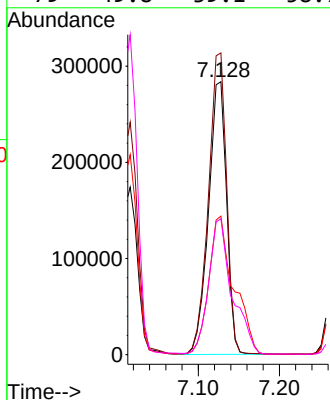
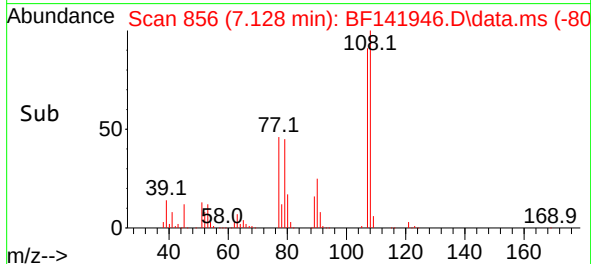
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:	107	Resp:	43890
Ion Ratio	Lower	Upper	
107	100		
108	110.5	90.2	135.2
77	50.8	39.6	59.4
79	49.8	39.1	58.7

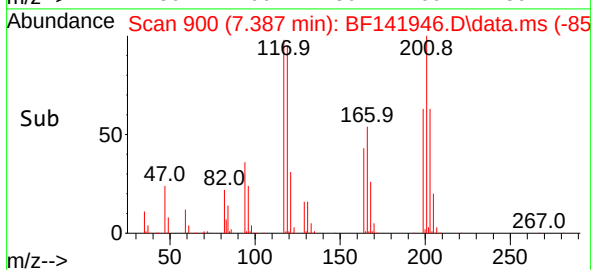
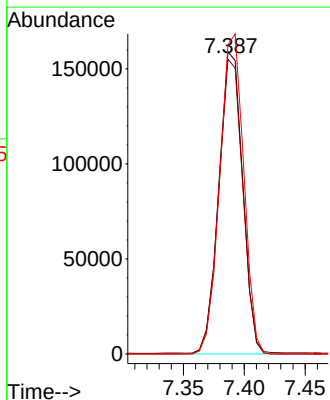
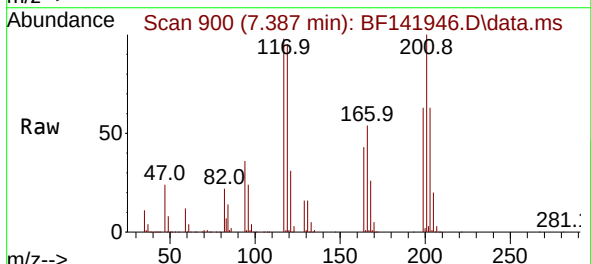
Manual Integrations
APPROVED

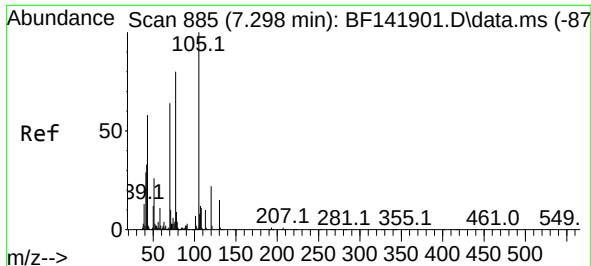
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#18
Hexachloroethane
Concen: 46.464 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

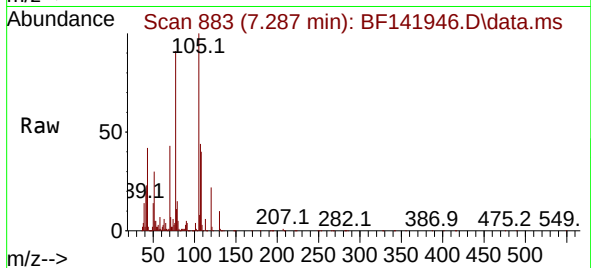
Tgt Ion:	117	Resp:	217086
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.9	115.3
201	102.3	79.9	119.9





#19
n-Nitroso-di-n-propylamine
Concen: 44.372 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

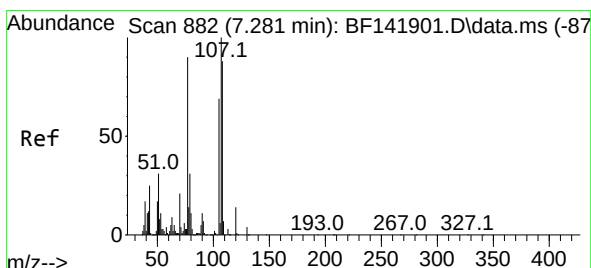
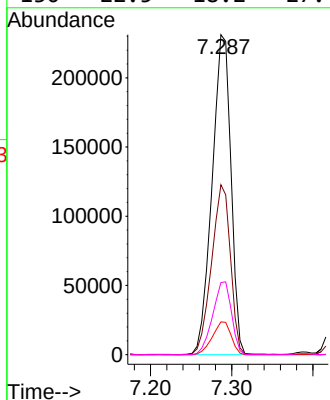
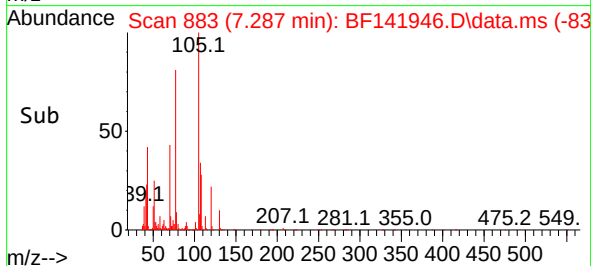
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



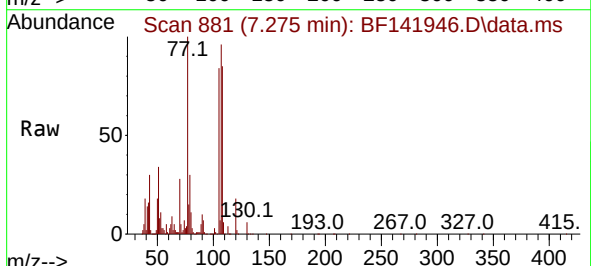
Tgt Ion: 70 Resp: 37333
Ion Ratio Lower Upper
70 100
42 53.1 41.4 62.0
101 10.2 8.2 12.2
130 22.5 18.2 27.4

Manual Integrations
APPROVED

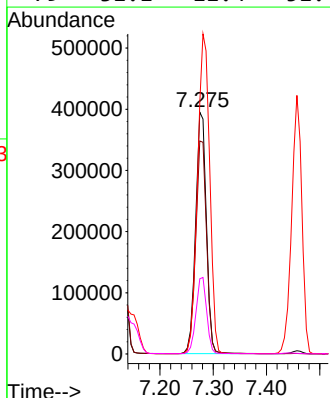
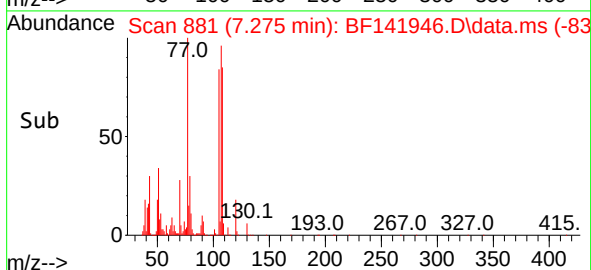
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

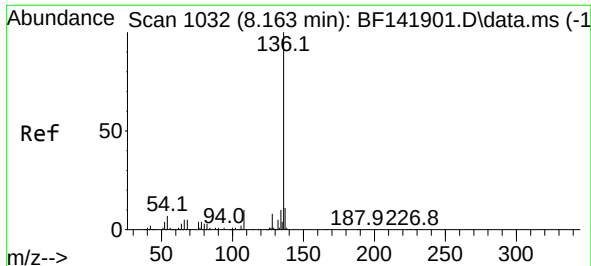


#20
3+4-Methylphenols
Concen: 47.719 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44



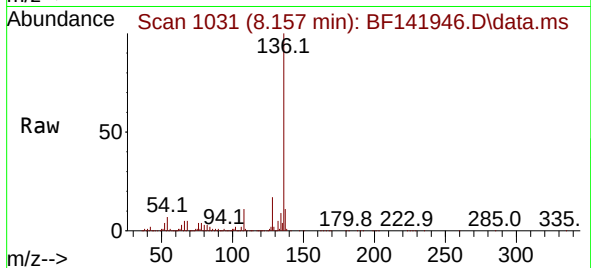
Tgt Ion:107 Resp: 554311
Ion Ratio Lower Upper
107 100
108 88.1 68.4 108.4
77 104.0 69.7 109.7
79 31.1 11.4 51.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

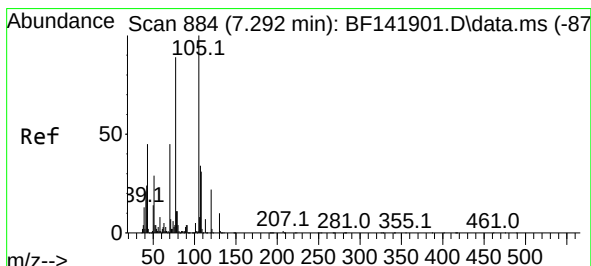
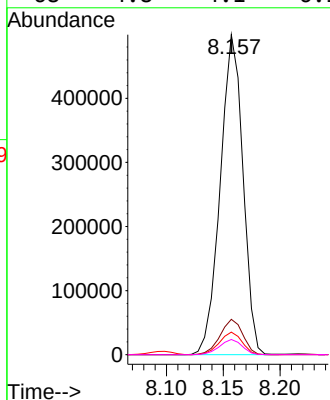
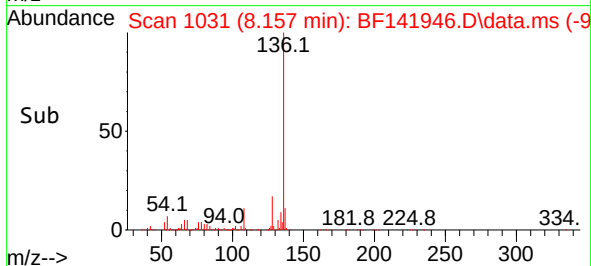
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:136 Resp: 694620
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.8 8.8
68 4.8 4.1 6.1

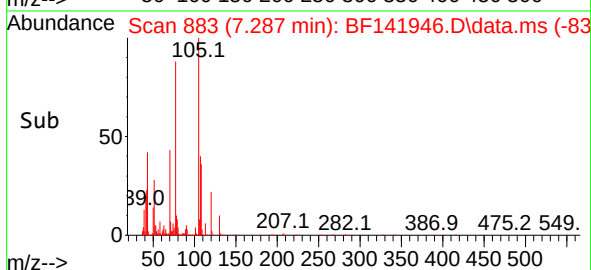
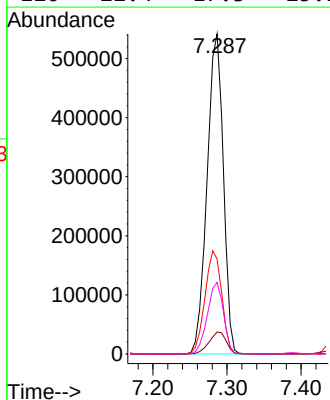
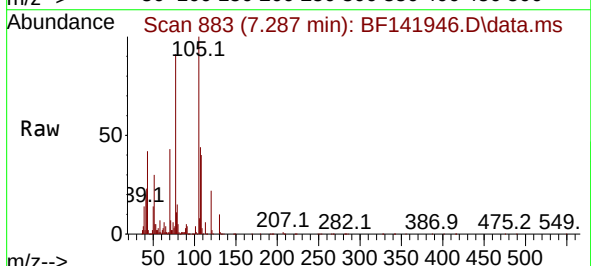
Manual Integrations
APPROVED

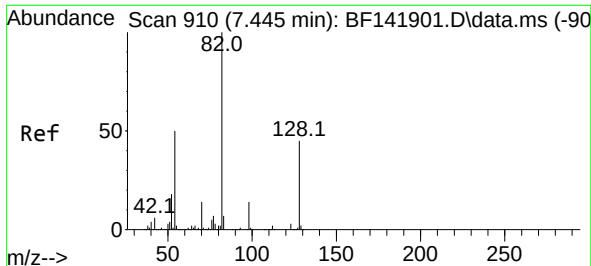
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#22
Acetophenone
Concen: 49.573 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:105 Resp: 824632
Ion Ratio Lower Upper
105 100
71 6.8 5.8 8.8
51 29.6 23.4 35.0
120 22.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 78.184 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

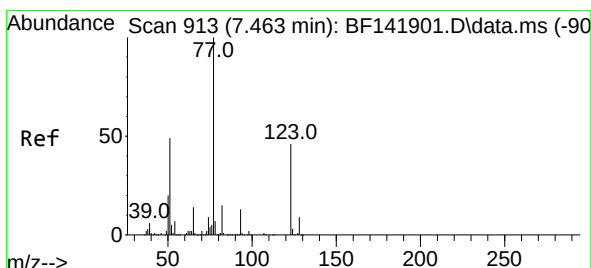
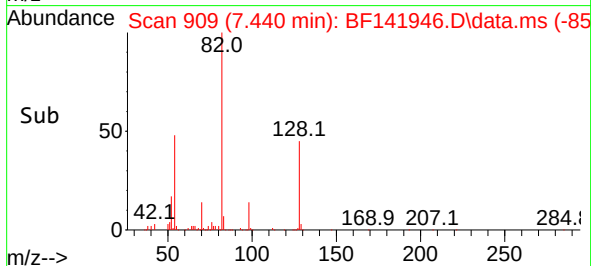
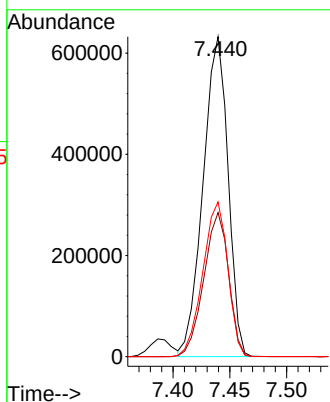
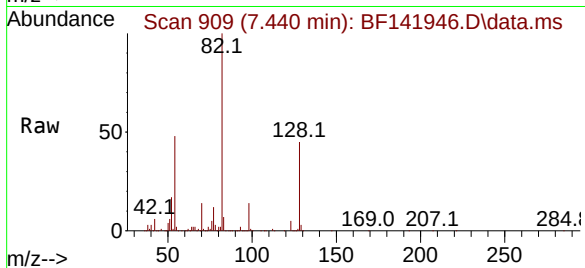
OR-620-JB-COMP-01MS

Tgt Ion: 82 Resp: 965040
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.0 54.0
 54 48.3 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025



#24

Nitrobenzene

Concen: 45.985 ng

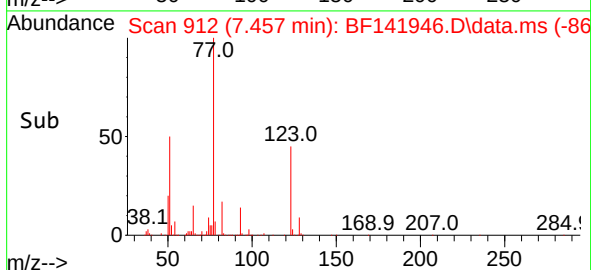
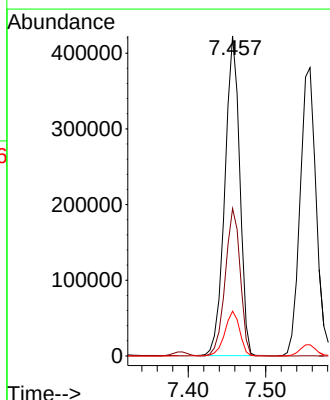
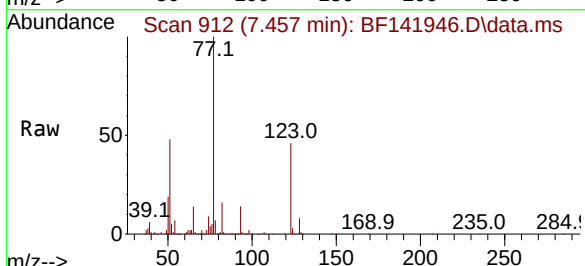
RT: 7.457 min Scan# 912

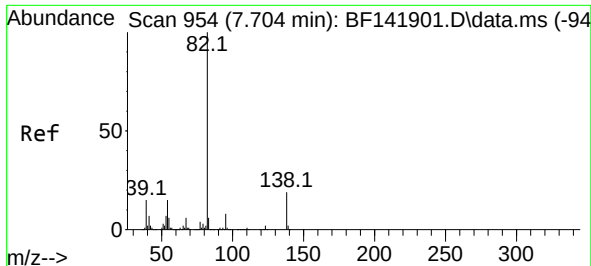
Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Tgt Ion: 77 Resp: 564267
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.0 55.4
 65 14.0 11.3 16.9





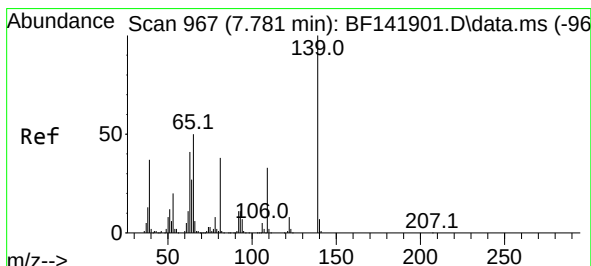
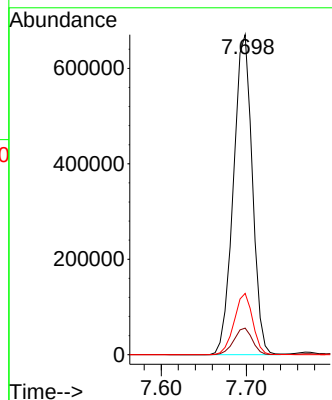
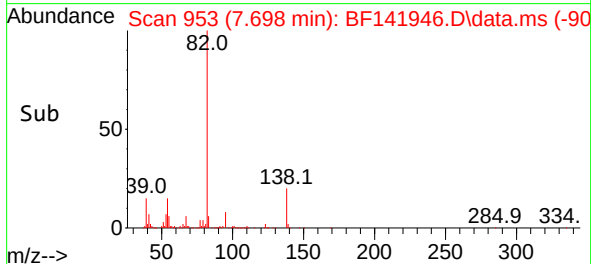
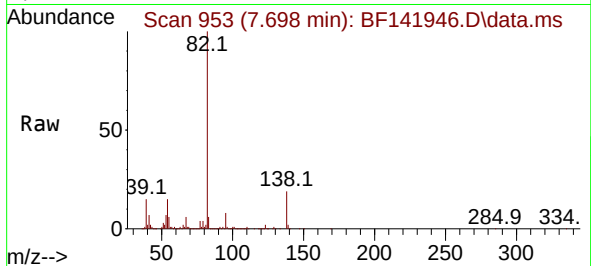
#25
Isophorone
Concen: 47.145 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

Tgt Ion: 82 Resp: 102863
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 19.2 14.9 22.3

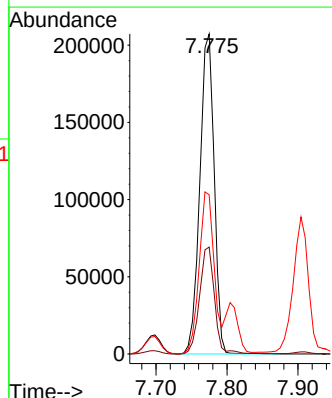
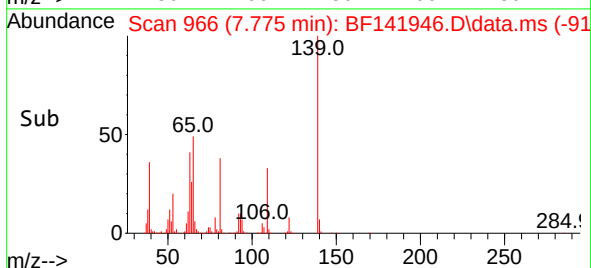
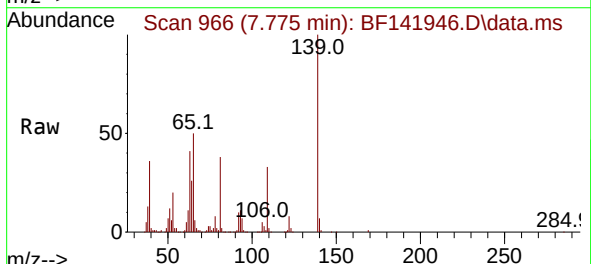
Manual Integrations
APPROVED

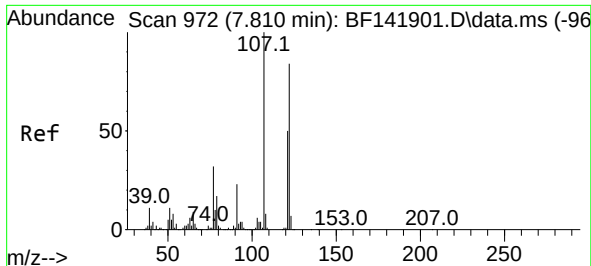
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#26
2-Nitrophenol
Concen: 48.543 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:139 Resp: 292348
Ion Ratio Lower Upper
139 100
109 33.4 26.5 39.7
65 49.7 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 57.900 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion:122 Resp: 48014

Ion Ratio Lower Upper

122 100

107 120.7 94.8 142.2

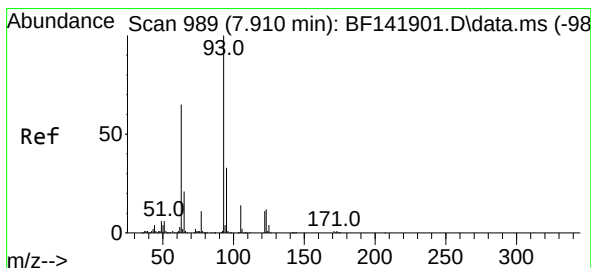
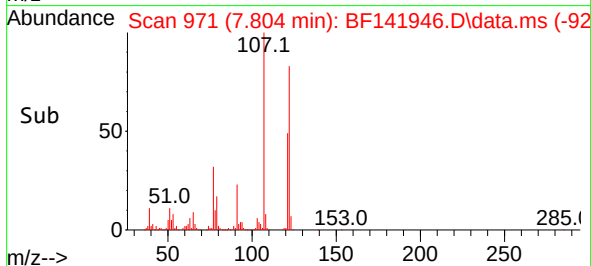
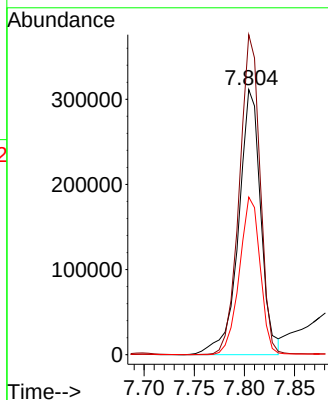
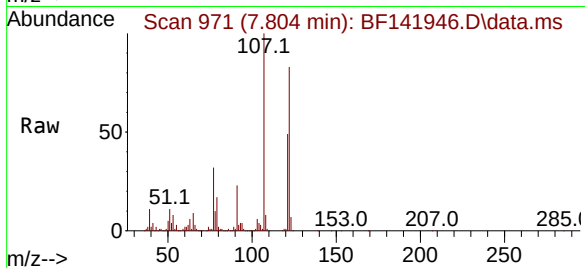
121 59.4 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.612 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

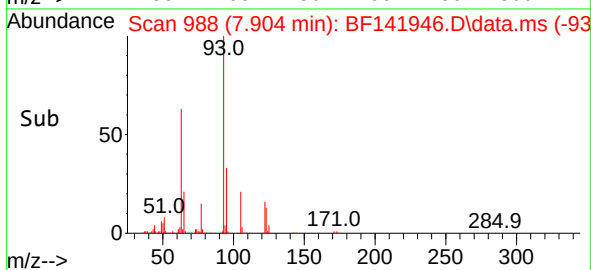
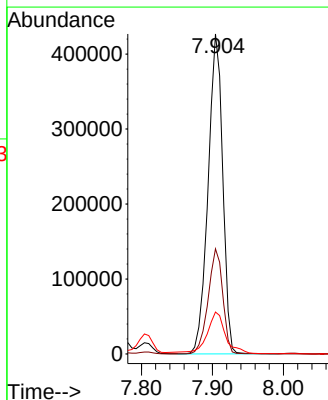
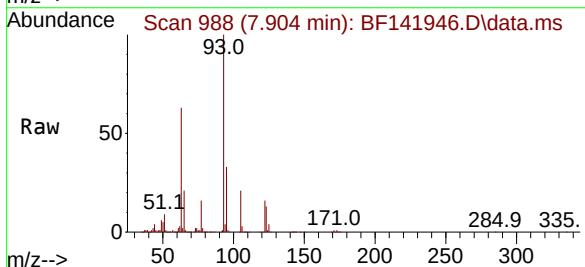
Tgt Ion: 93 Resp: 610503

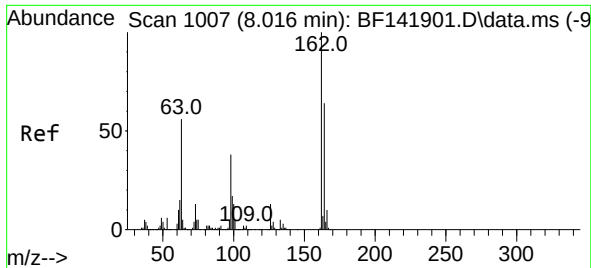
Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.050 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion:162 Resp: 47399

Ion Ratio Lower Upper

162 100

164 65.3 43.8 83.8

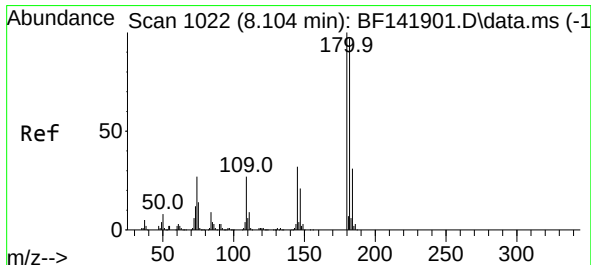
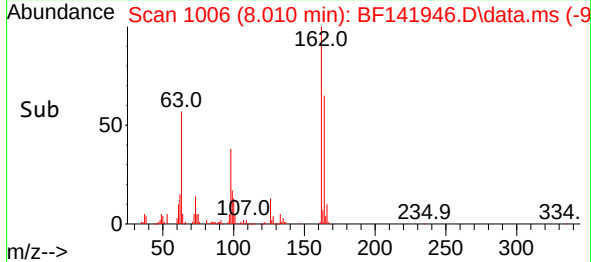
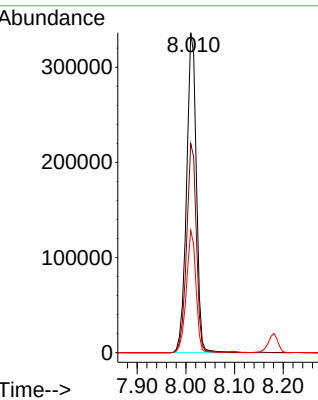
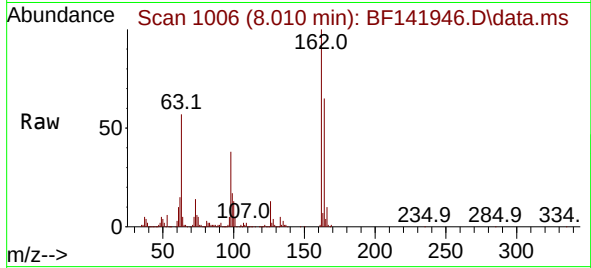
98 38.2 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.233 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

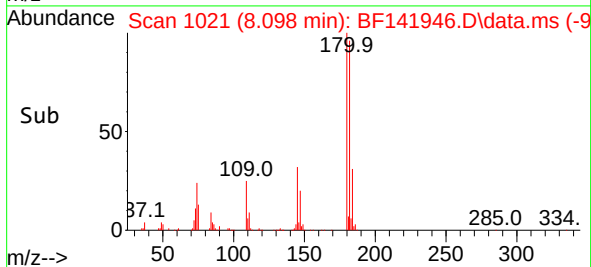
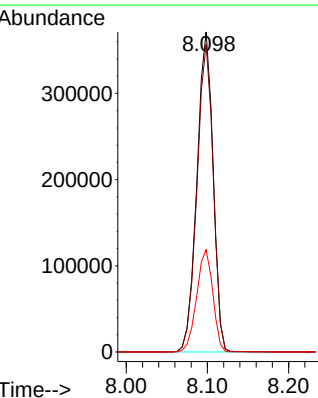
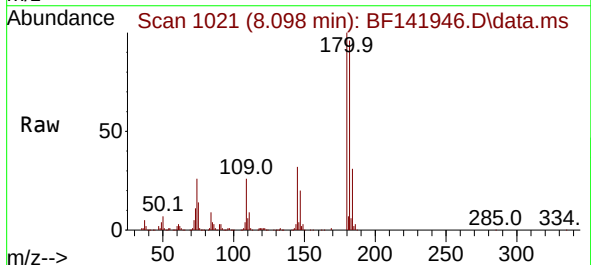
Tgt Ion:180 Resp: 513088

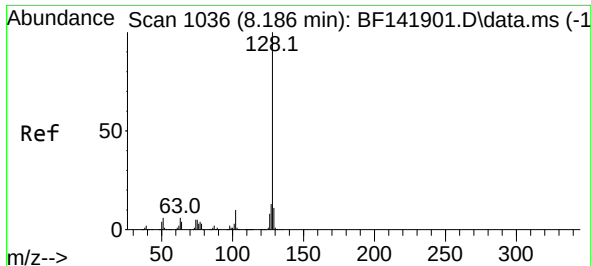
Ion Ratio Lower Upper

180 100

182 96.1 77.5 116.3

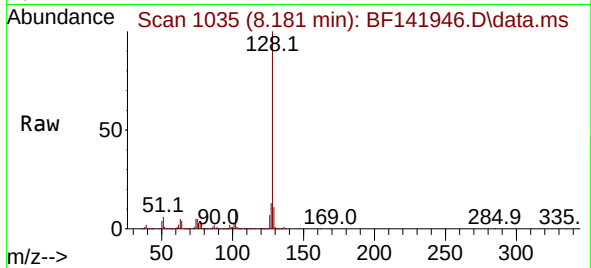
145 31.9 25.8 38.6





#31
Naphthalene
Concen: 44.472 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

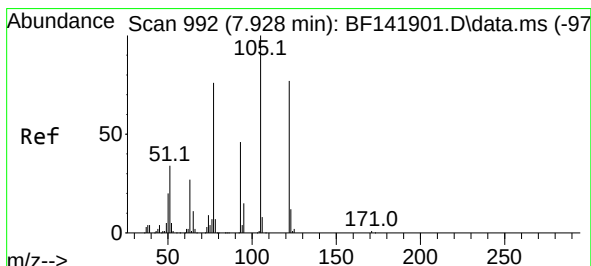
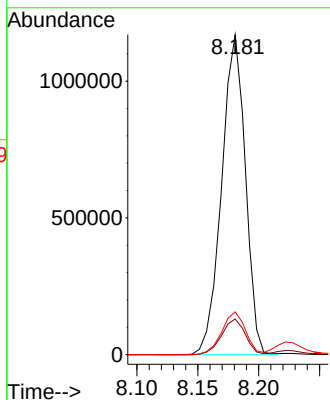
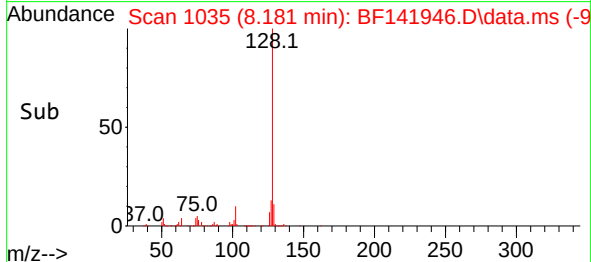
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:128 Resp: 158683
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2

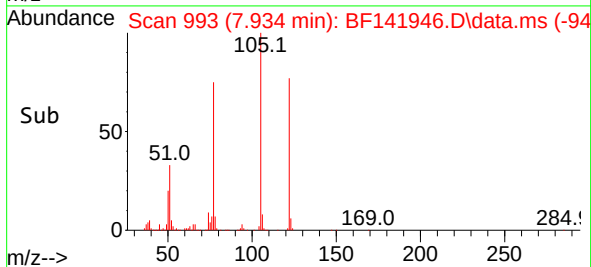
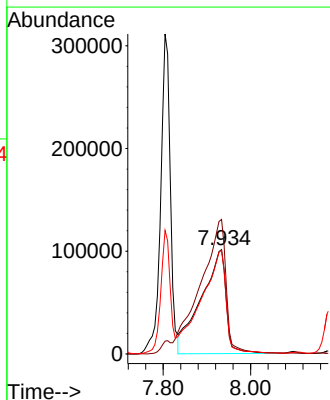
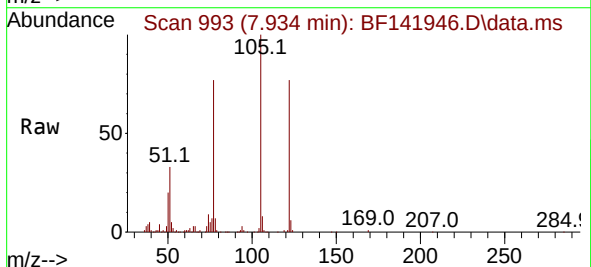
Manual Integrations
APPROVED

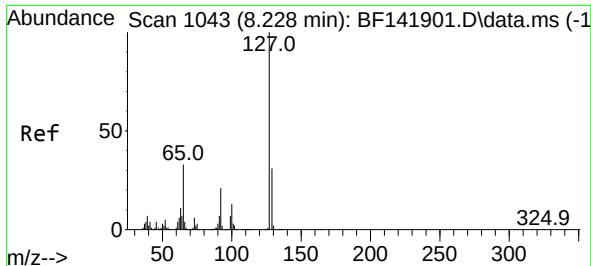
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#32
Benzoic acid
Concen: 55.108 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

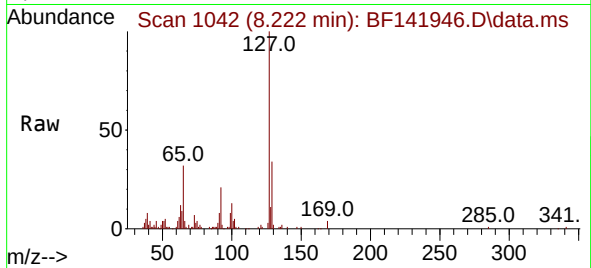
Tgt Ion:122 Resp: 401708
Ion Ratio Lower Upper
122 100
105 129.0 107.9 147.9
77 99.4 79.0 119.0





#33
4-Chloroaniline
Concen: 6.434 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

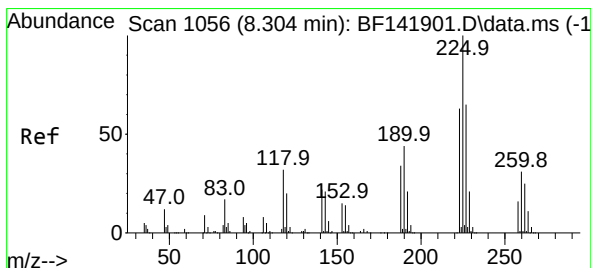
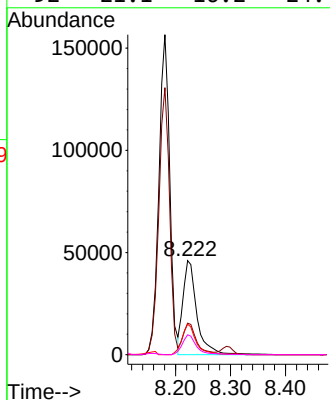
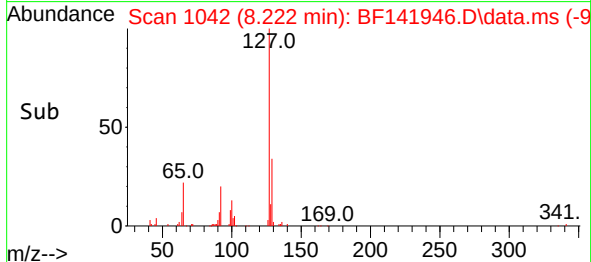


Tgt Ion:127 Resp: 81050

Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.4
65	32.4	25.4	38.2
92	21.1	16.2	24.4

Manual Integrations
APPROVED

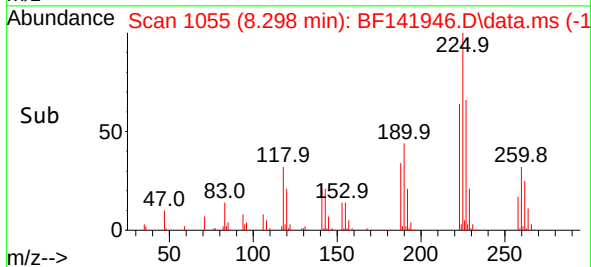
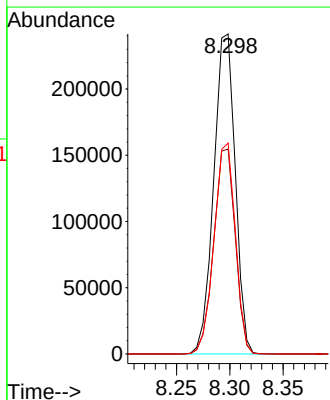
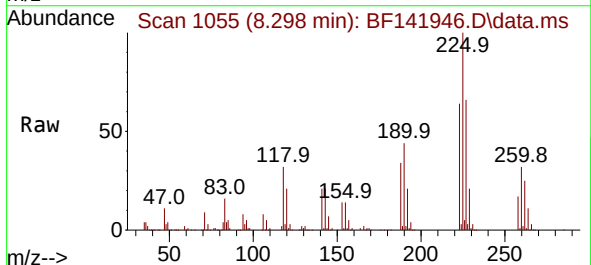
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

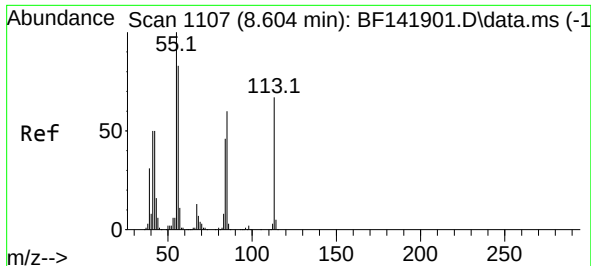


#34
Hexachlorobutadiene
Concen: 45.751 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:225 Resp: 338447

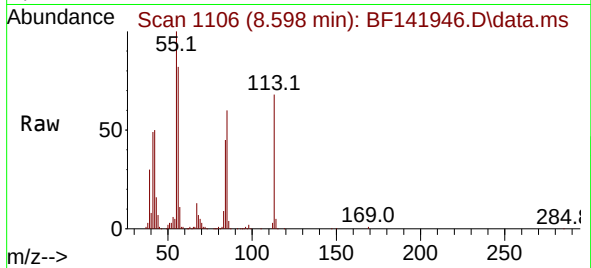
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	75.8
227	65.9	52.2	78.2





#35
Caprolactam
Concen: 48.921 ng m
RT: 8.598 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

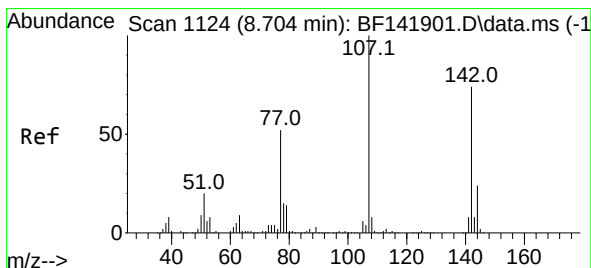
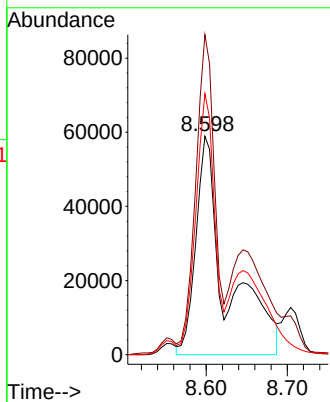
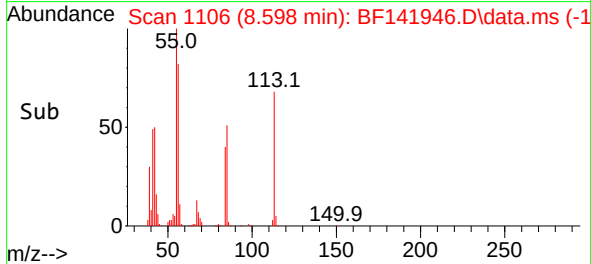
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:113 Resp: 153520
Ion Ratio Lower Upper
113 100
55 146.5 129.6 169.6
56 119.5 104.0 144.0

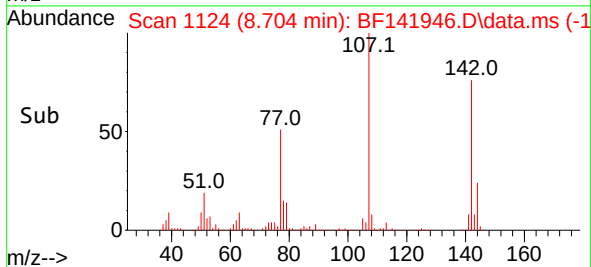
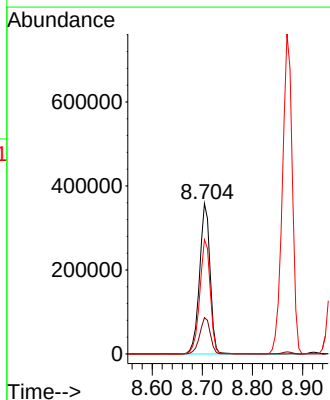
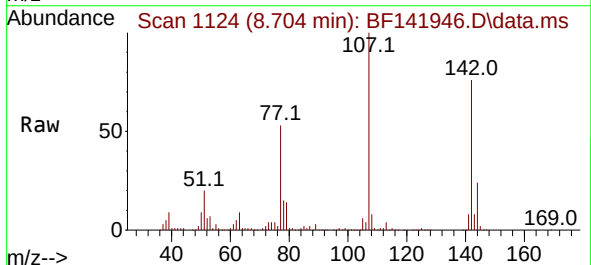
Manual Integrations
APPROVED

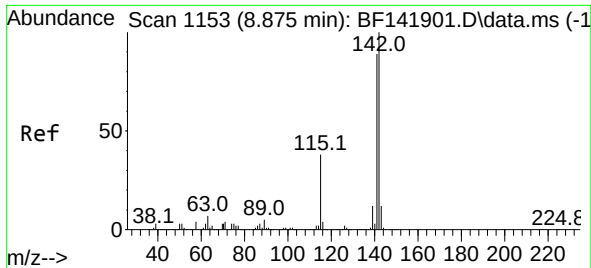
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#36
4-Chloro-3-methylphenol
Concen: 45.500 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:107 Resp: 522430
Ion Ratio Lower Upper
107 100
144 24.2 19.0 28.6
142 76.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.675 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion:142 Resp: 104165

Ion Ratio Lower Upper

142 100

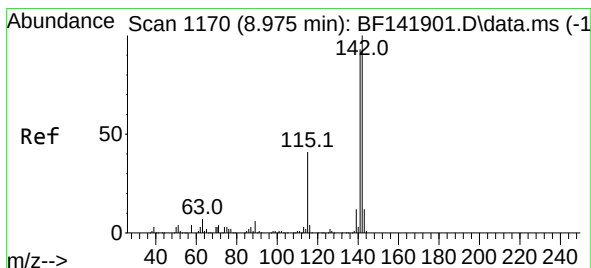
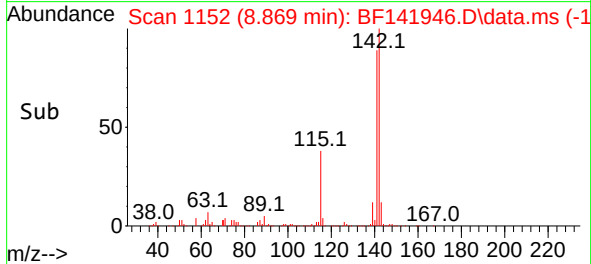
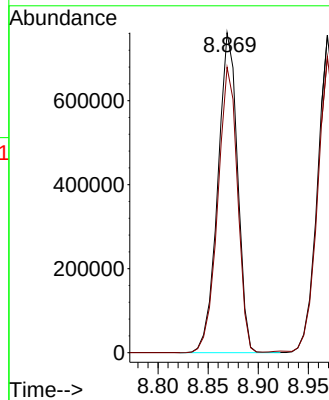
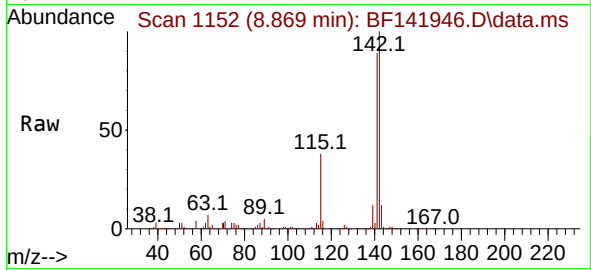
141 89.2 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#38

1-Methylnaphthalene

Concen: 43.871 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF141946.D

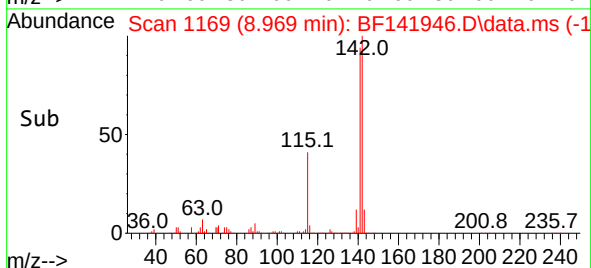
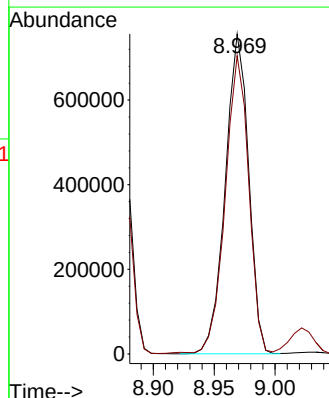
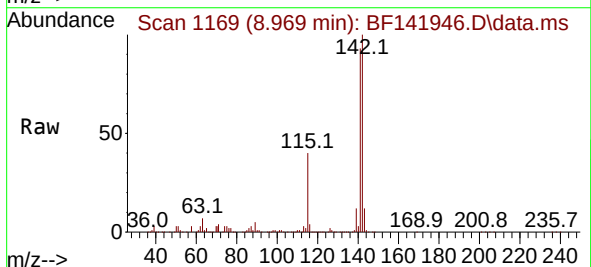
Acq: 13 Mar 2025 17:44

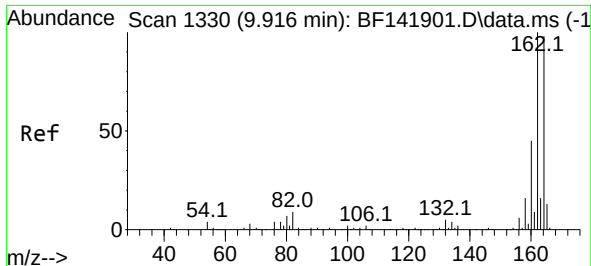
Tgt Ion:142 Resp: 1009701

Ion Ratio Lower Upper

142 100

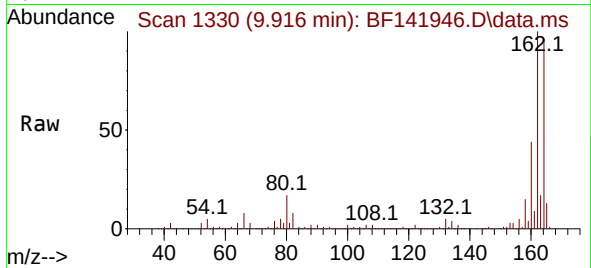
141 93.2 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

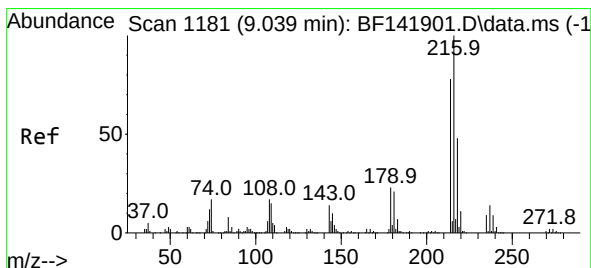
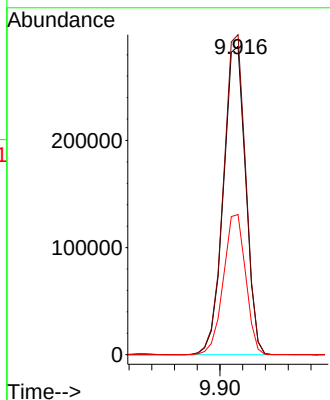
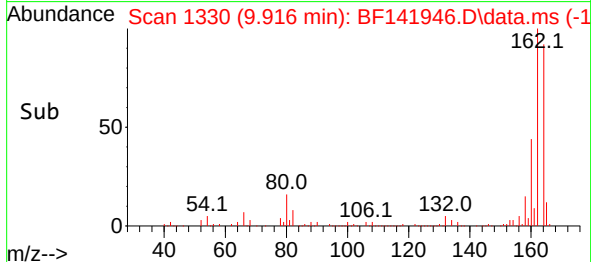
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



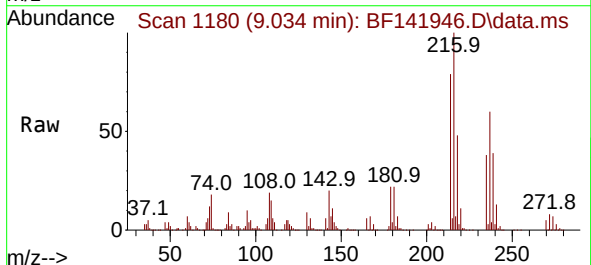
Tgt Ion:164 Resp: 39178
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 45.5 36.7 55.1

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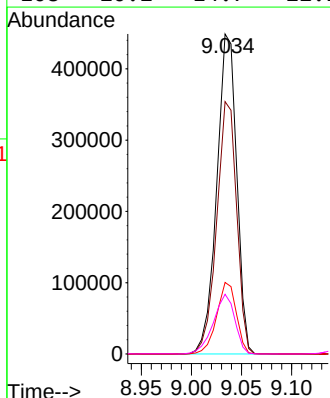
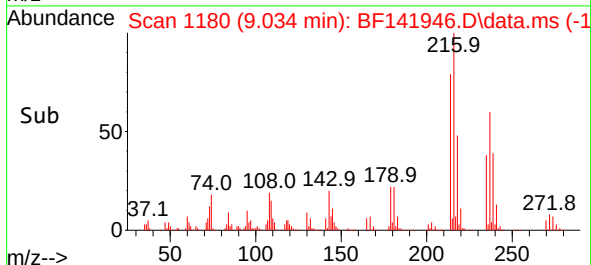
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

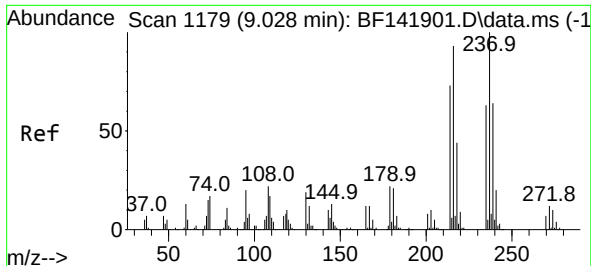


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.973 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44



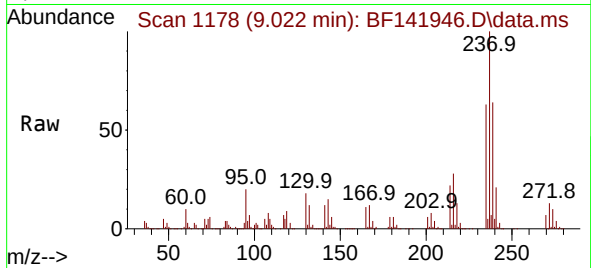
Tgt Ion:216 Resp: 619956
Ion Ratio Lower Upper
216 100
214 78.9 61.9 92.9
179 22.1 18.1 27.1
108 20.2 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 156.307 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

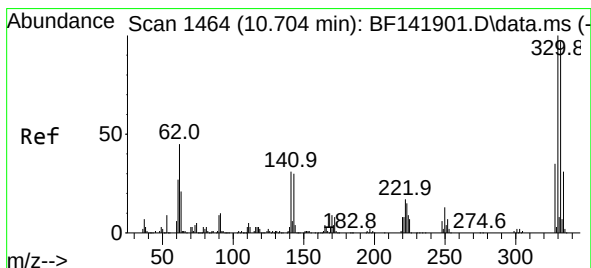
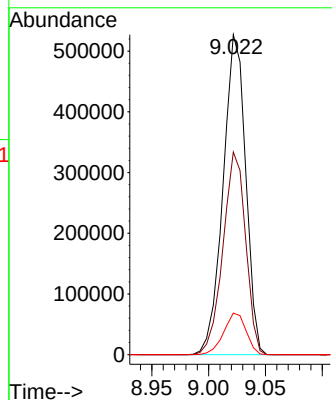
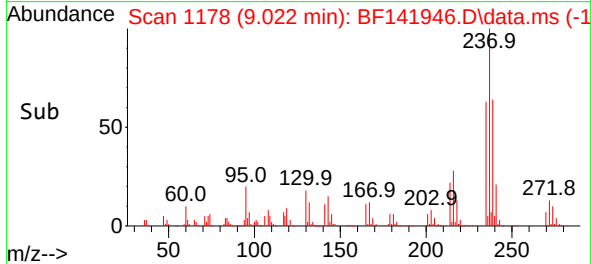
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



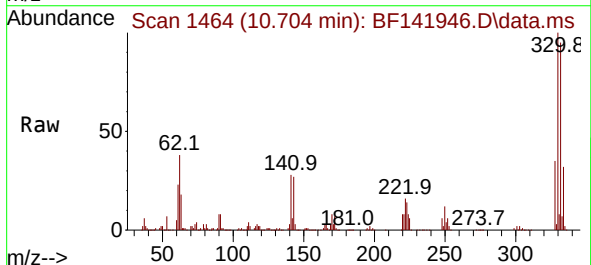
Tgt Ion:237 Resp: 729682
Ion Ratio Lower Upper
237 100
235 63.4 43.1 83.1
272 13.0 0.0 32.0

Manual Integrations
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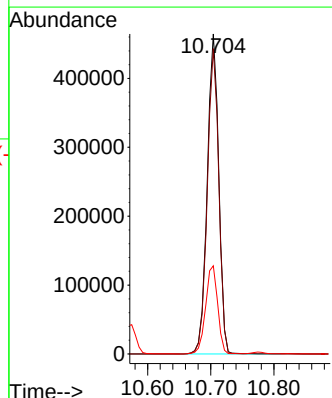
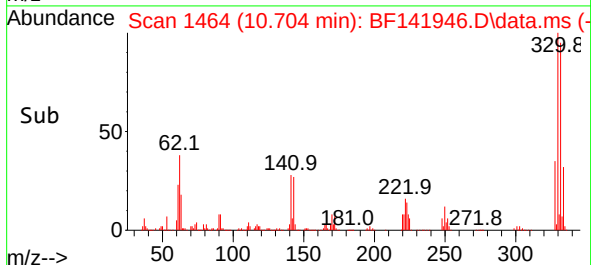
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

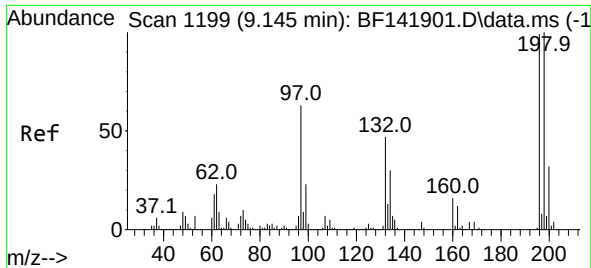


#42
2,4,6-Tribromophenol
Concen: 118.721 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44



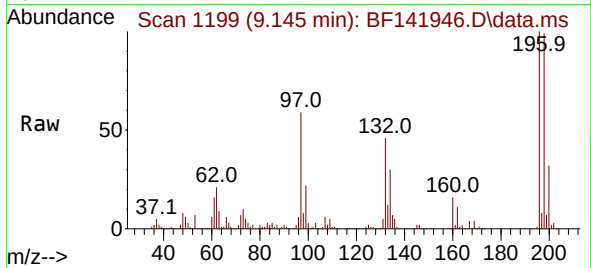
Tgt Ion:330 Resp: 590081
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 28.9 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 47.732 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

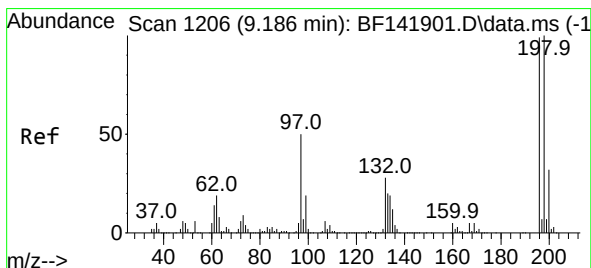
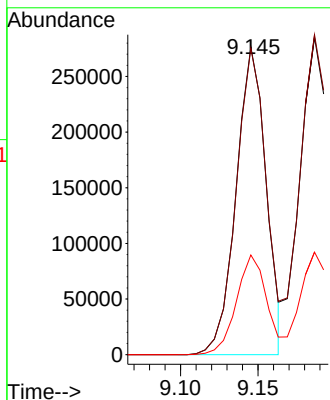
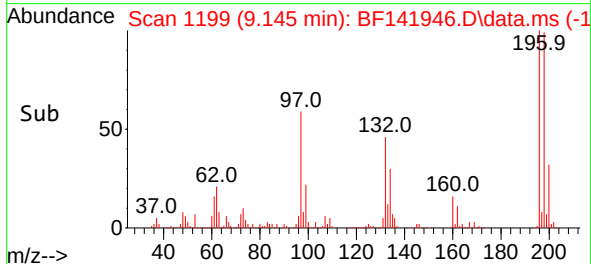
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



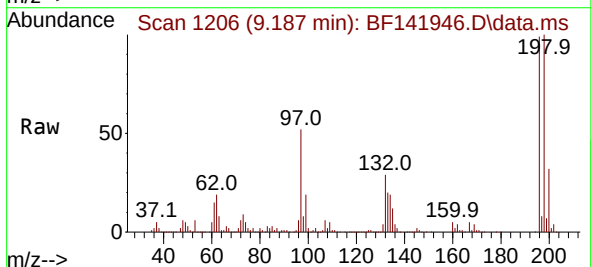
Tgt Ion:196 Resp: 37210
Ion Ratio Lower Upper
196 100
198 99.4 80.6 121.0
200 32.4 25.8 38.6

Manual Integrations
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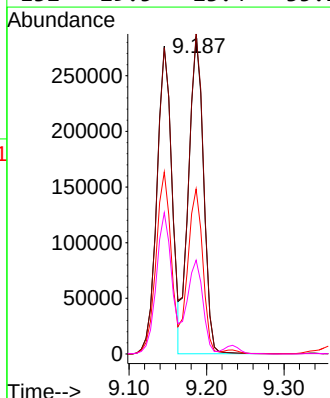
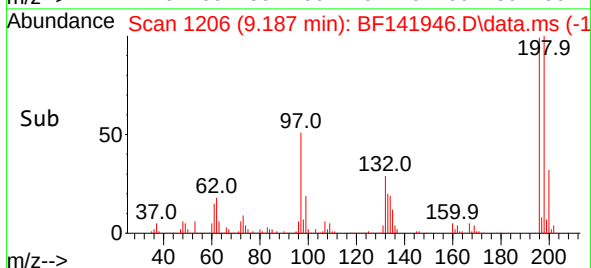
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

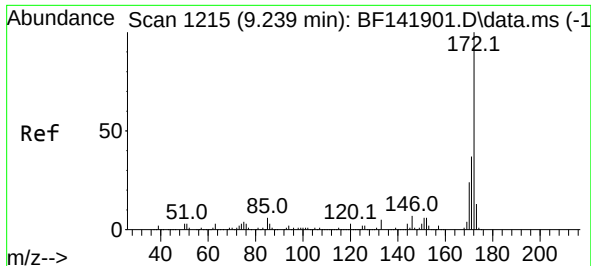


#44
2,4,5-Trichlorophenol
Concen: 48.248 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44



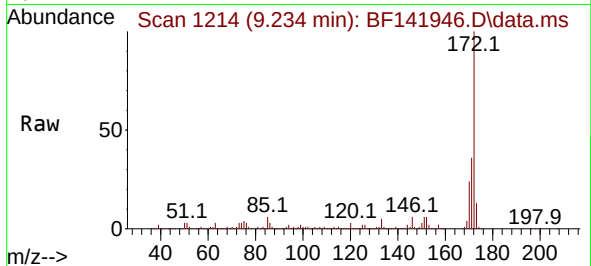
Tgt Ion:196 Resp: 380937
Ion Ratio Lower Upper
196 100
198 100.8 80.7 121.1
97 52.0 42.1 63.1
132 29.5 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 77.057 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

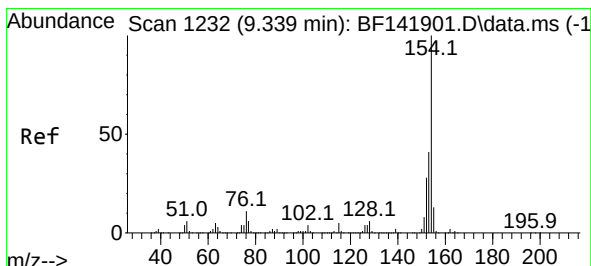
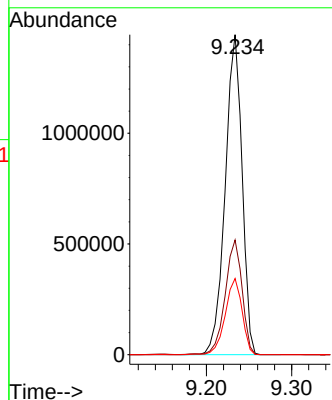
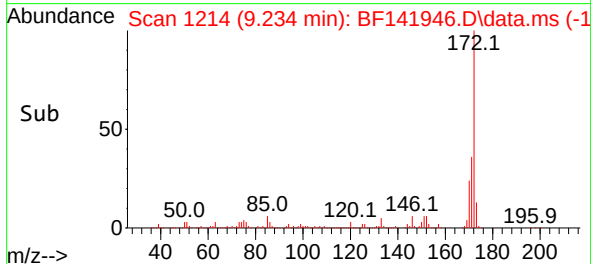
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:172 Resp: 198512
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 23.8 19.4 29.0

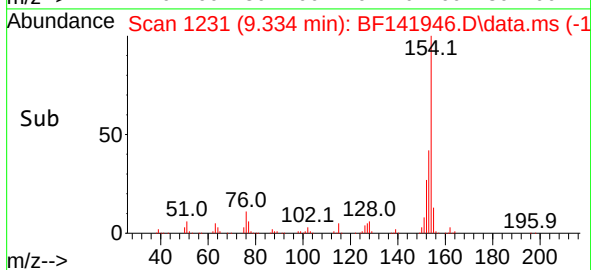
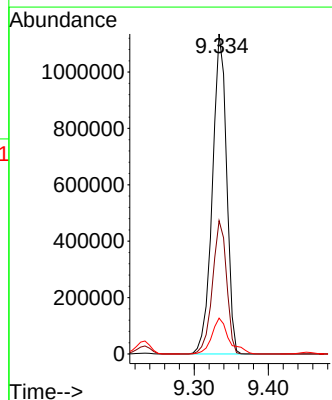
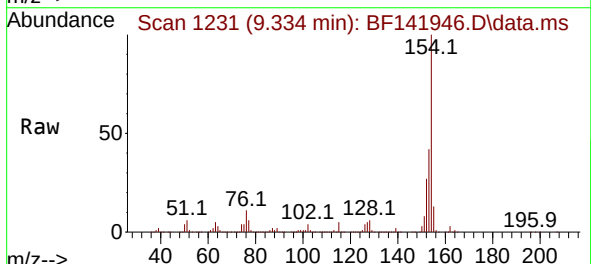
Manual Integrations
APPROVED

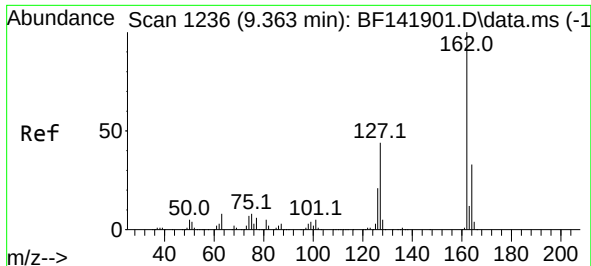
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#46
1,1'-Biphenyl
Concen: 50.715 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

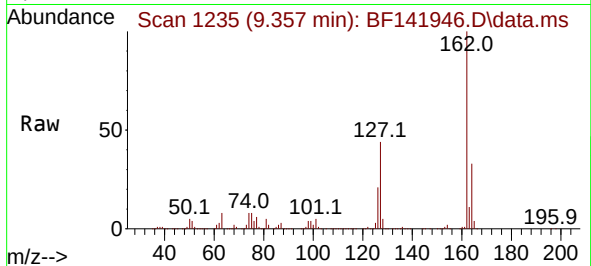
Tgt Ion:154 Resp: 1509712
Ion Ratio Lower Upper
154 100
153 41.6 21.1 61.1
76 11.2 0.0 31.3





#47
2-Chloronaphthalene
Concen: 47.026 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

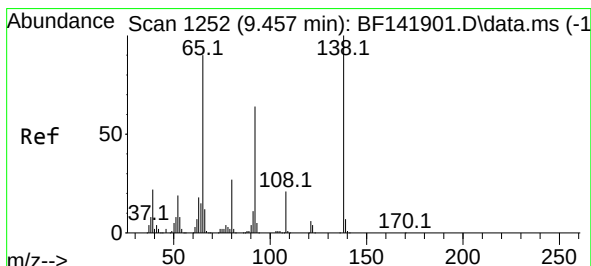
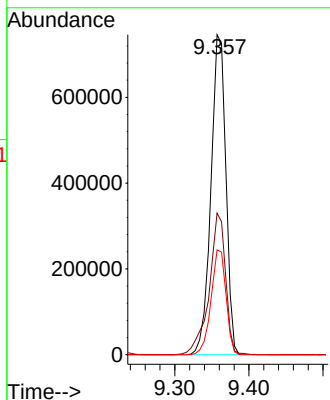
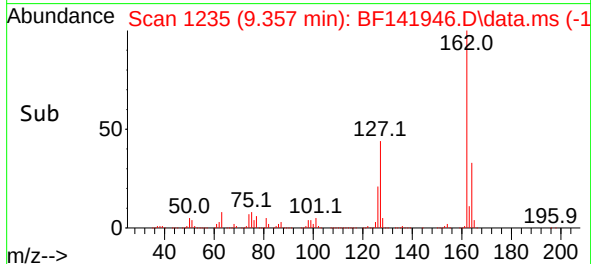
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:162 Resp: 1043409
Ion Ratio Lower Upper
162 100
127 44.2 35.5 53.3
164 32.7 26.6 40.0

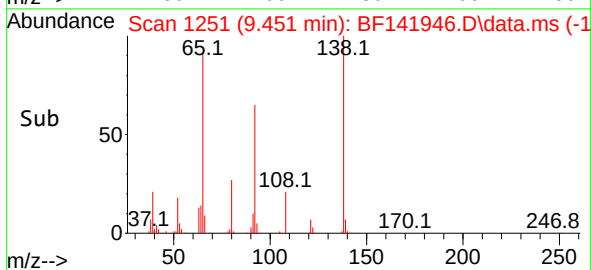
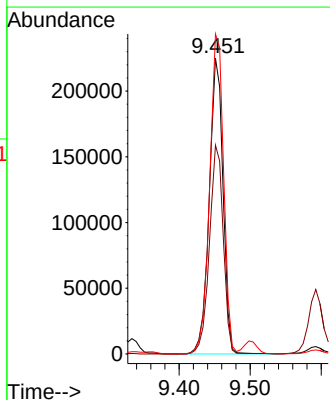
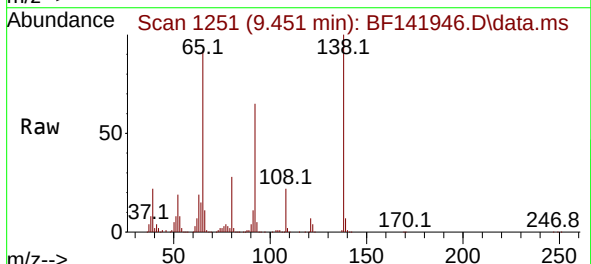
Manual Integrations
APPROVED

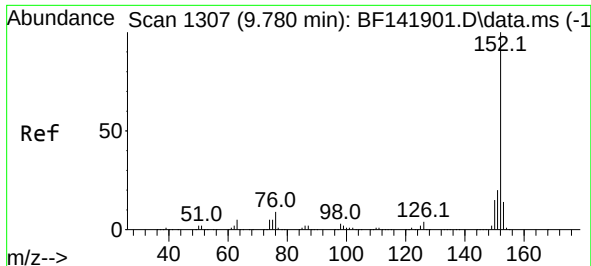
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#48
2-Nitroaniline
Concen: 47.244 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

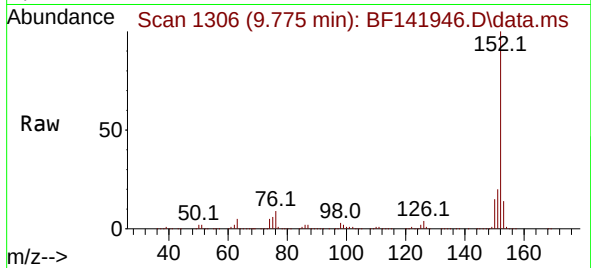
Tgt Ion: 65 Resp: 303513
Ion Ratio Lower Upper
65 100
92 70.6 56.6 84.8
138 108.2 88.6 133.0





#49
Acenaphthylene
Concen: 48.399 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

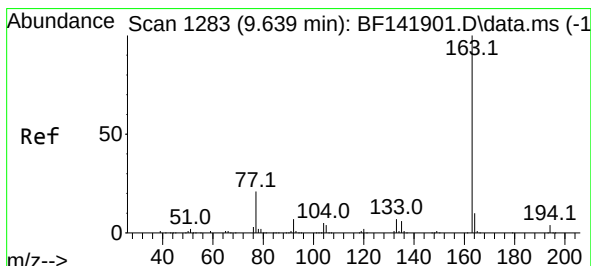
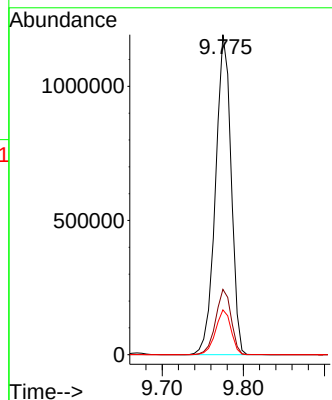
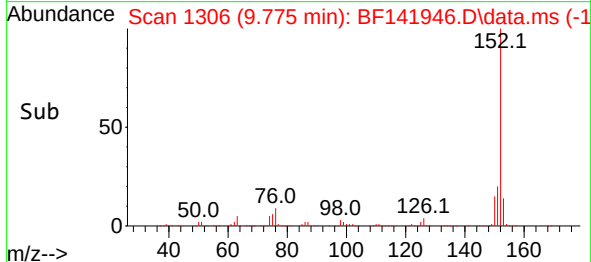
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



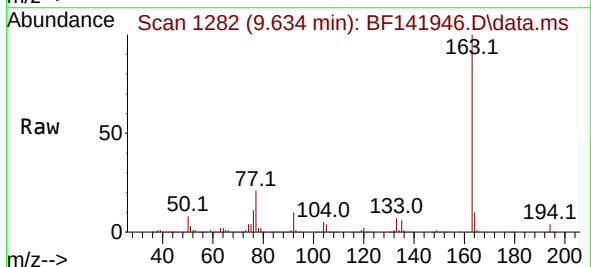
Tgt Ion:152 Resp: 1593580
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.0 11.1 16.7

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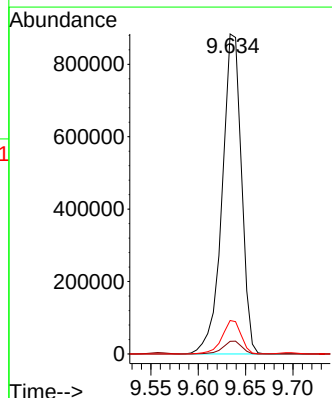
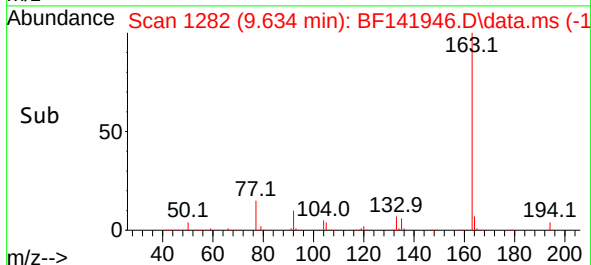
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

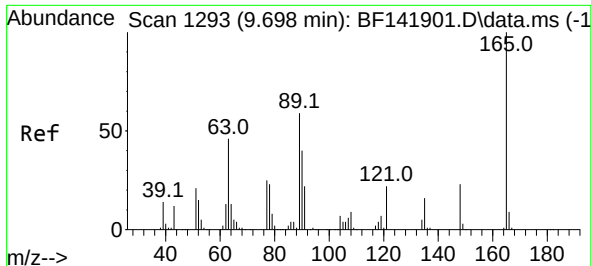


#50
Dimethylphthalate
Concen: 45.728 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44



Tgt Ion:163 Resp: 1254596
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 47.504 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

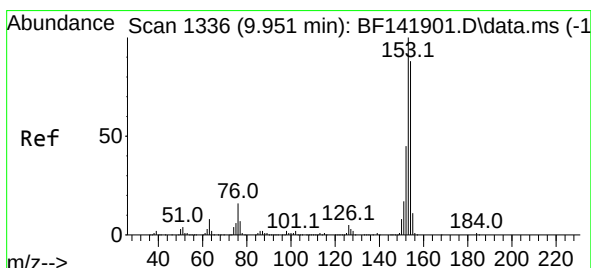
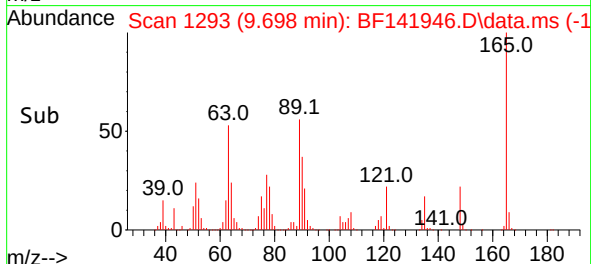
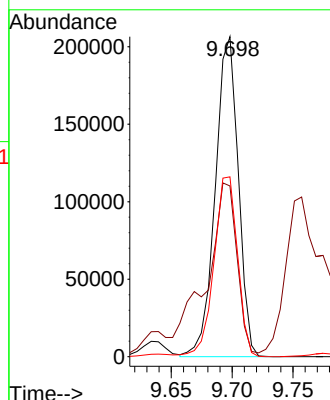
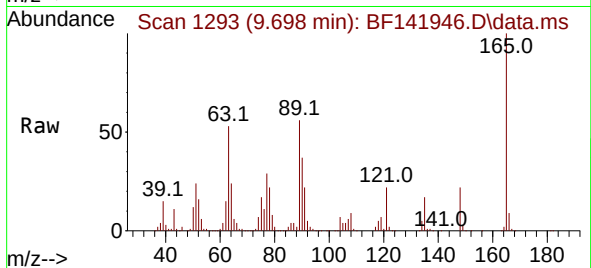
Tgt Ion:165 Resp: 271364

Ion	Ratio	Lower	Upper
165	100		
63	53.3	47.0	70.4
89	56.2	47.4	71.2

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#52

Acenaphthene

Concen: 52.146 ng

RT: 9.945 min Scan# 1335

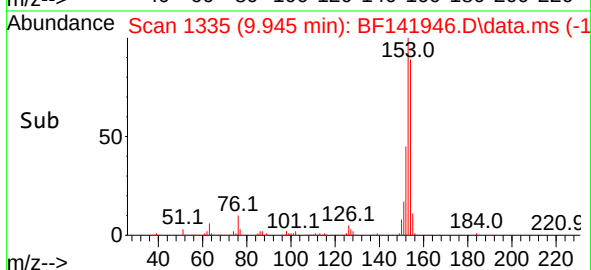
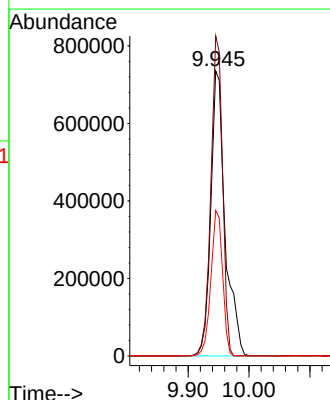
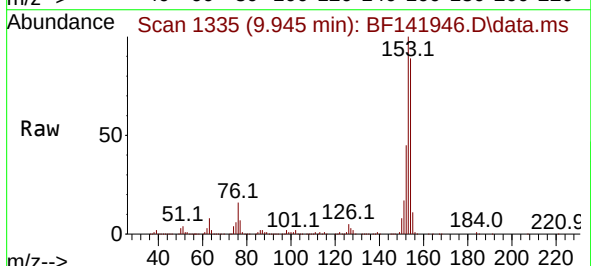
Delta R.T. -0.006 min

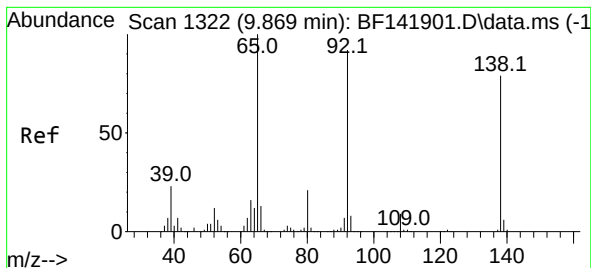
Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Tgt Ion:154 Resp: 1206598

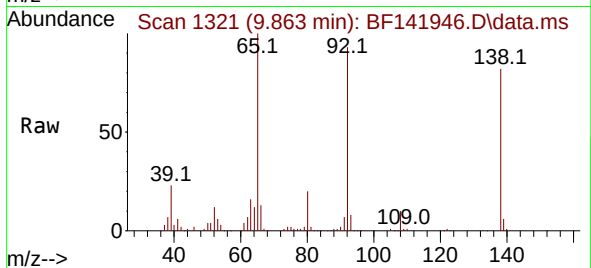
Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.7	136.1
152	51.0	41.1	61.7





#53
3-Nitroaniline
Concen: 17.762 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

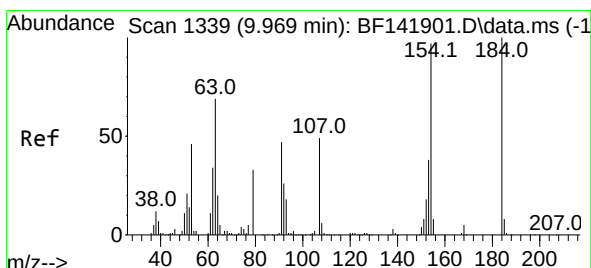
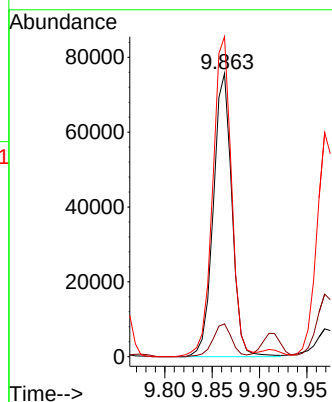
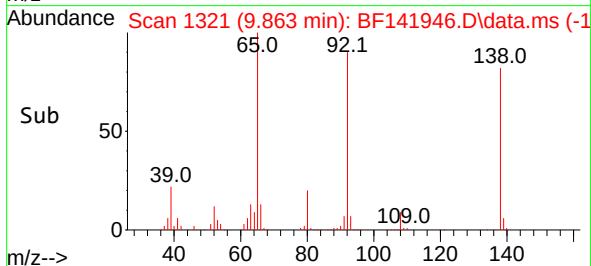
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:138 Resp: 10292
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 113.0 93.5 140.3

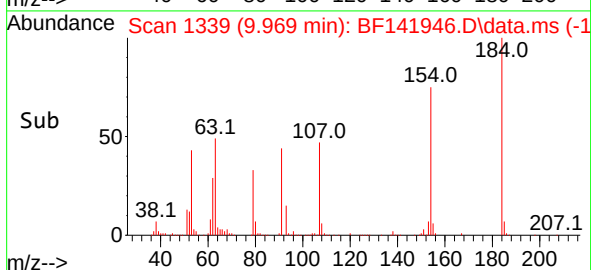
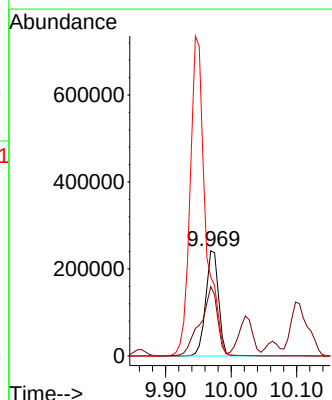
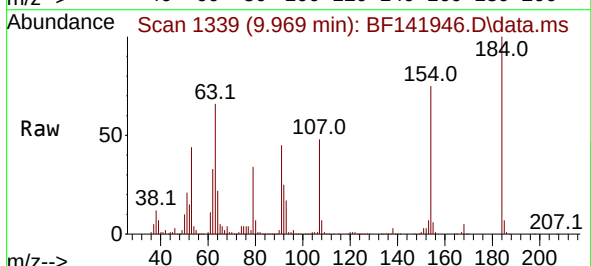
Manual Integrations
APPROVED

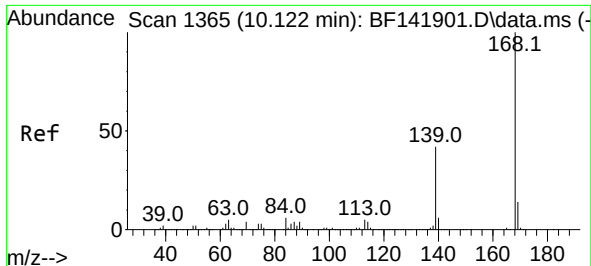
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#54
2,4-Dinitrophenol
Concen: 100.328 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

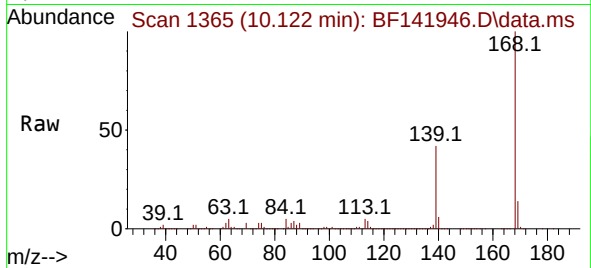
Tgt Ion:184 Resp: 331534
Ion Ratio Lower Upper
184 100
63 65.9 60.2 90.4
154 75.0 132.9 199.3#





#55
Dibenzofuran
Concen: 44.311 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

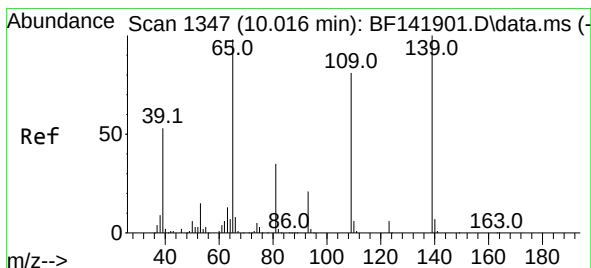
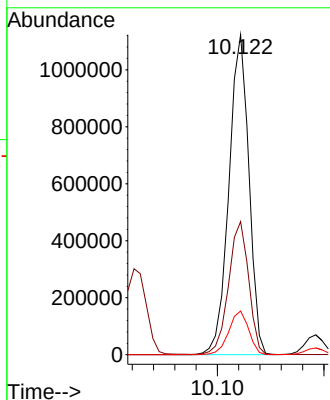
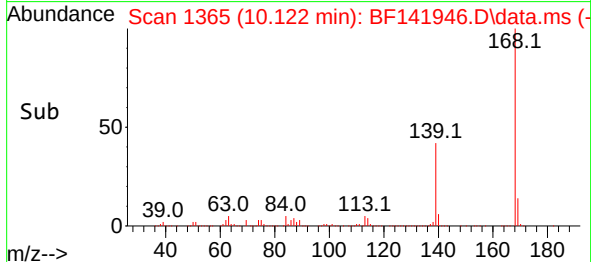
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:168 Resp: 146504
Ion Ratio Lower Upper
168 100
139 41.6 33.9 50.9
169 13.7 11.0 16.4

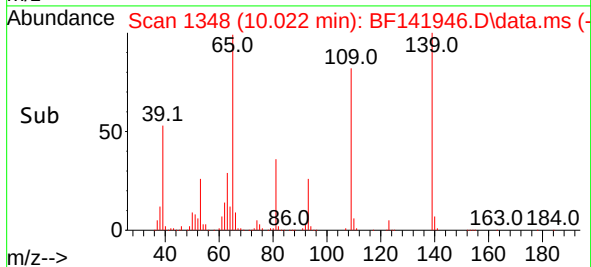
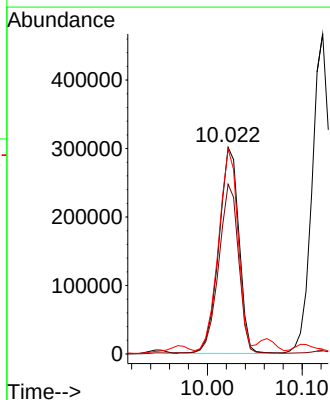
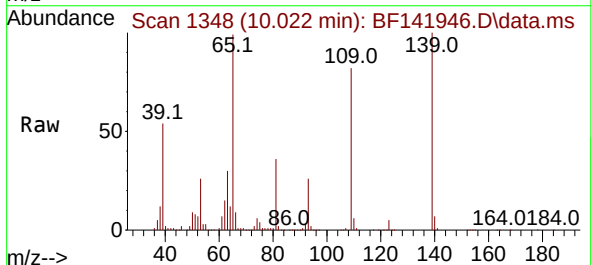
Manual Integrations
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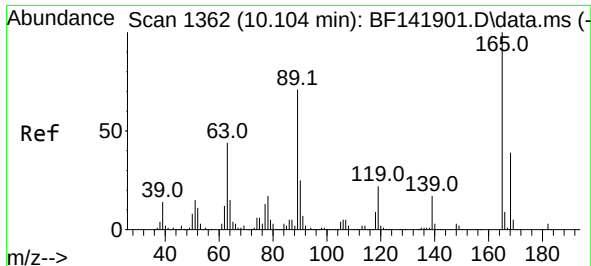
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#56
4-Nitrophenol
Concen: 101.962 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

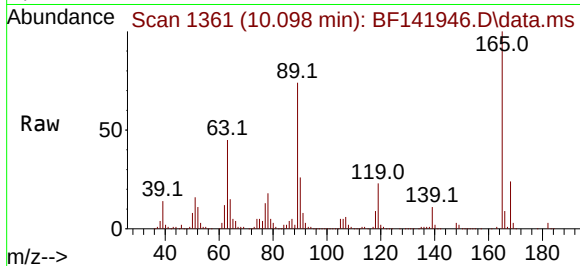
Tgt Ion:139 Resp: 445552
Ion Ratio Lower Upper
139 100
109 82.1 61.6 101.6
65 99.2 79.4 119.4





#57
2,4-Dinitrotoluene
Concen: 49.662 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

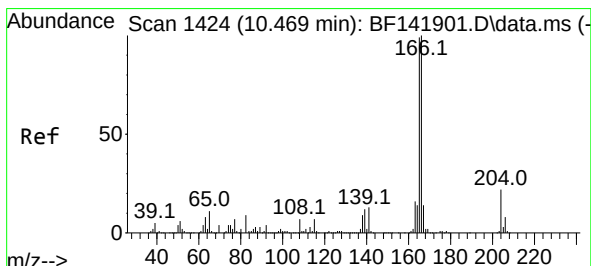
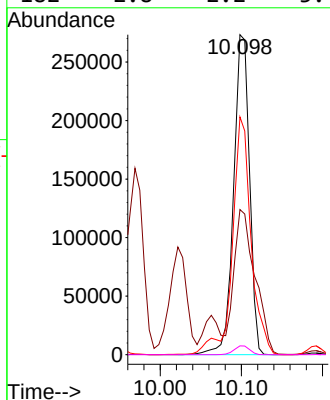
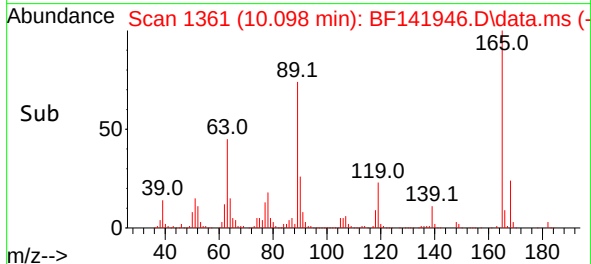
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



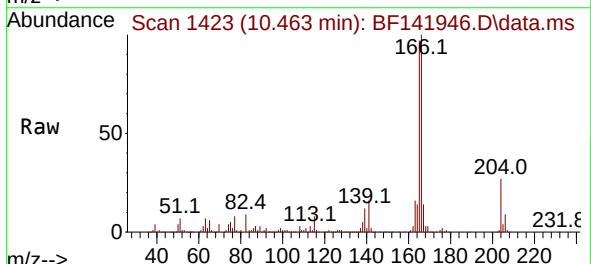
Tgt Ion:165 Resp: 37053
Ion Ratio Lower Upper
165 100
63 45.3 35.4 53.2
89 74.3 56.6 84.8
182 2.8 2.2 3.4

Manual Integrations
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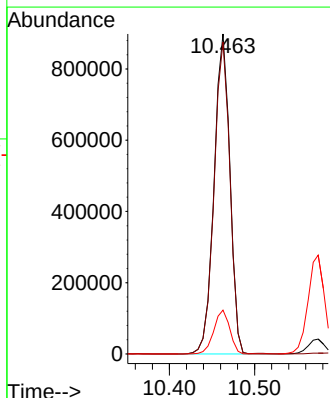
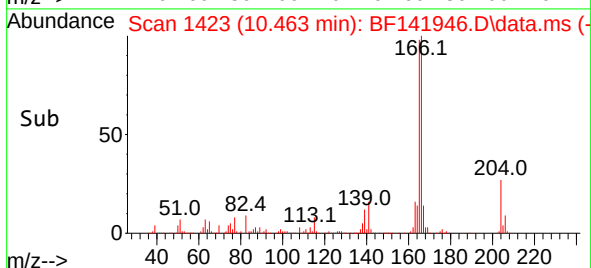
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

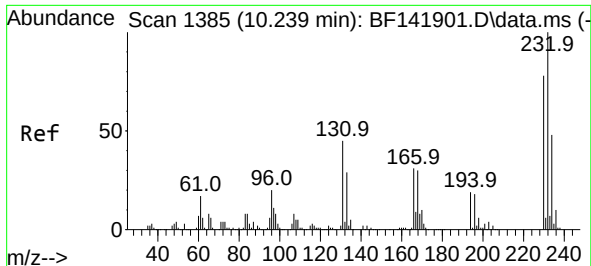


#58
Fluorene
Concen: 45.499 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44



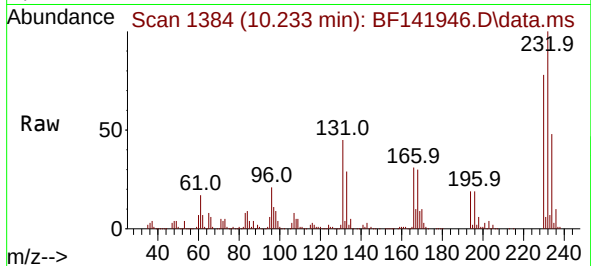
Tgt Ion:166 Resp: 1160086
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.4
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.361 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

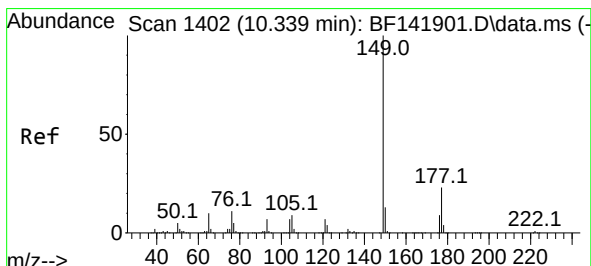
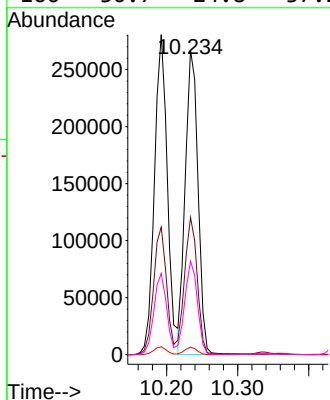
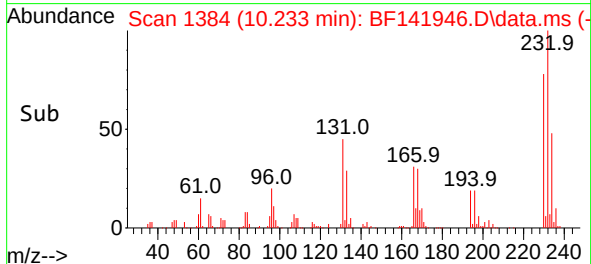
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:232 Resp: 333081
Ion Ratio Lower Upper
232 100
131 45.4 37.3 55.9
130 2.5 1.9 2.9
166 30.7 24.8 37.2

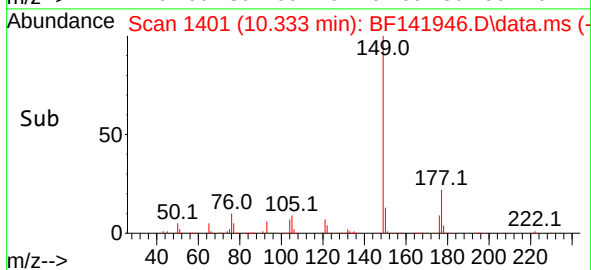
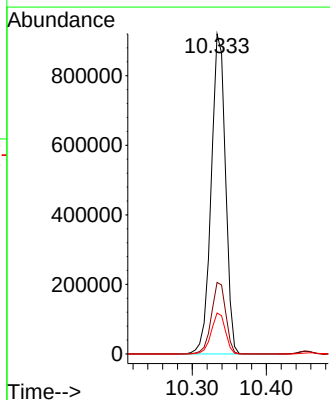
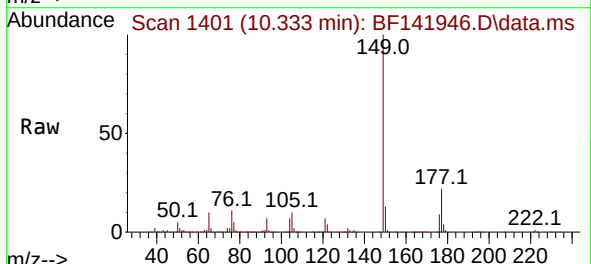
Manual Integrations
APPROVED

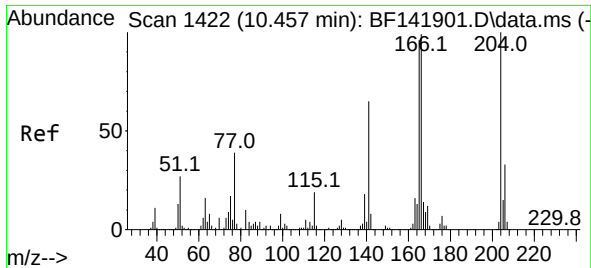
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#60
Diethylphthalate
Concen: 44.891 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

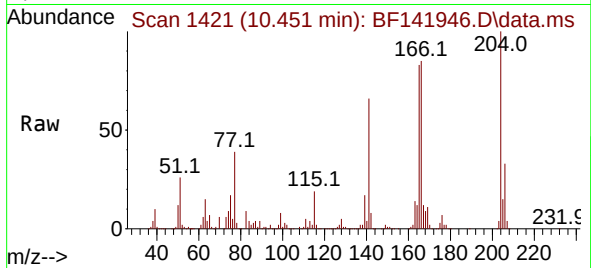
Tgt Ion:149 Resp: 1228074
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.641 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

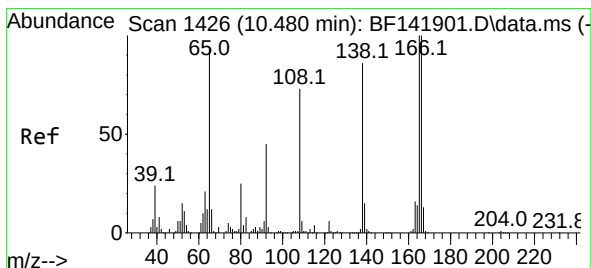
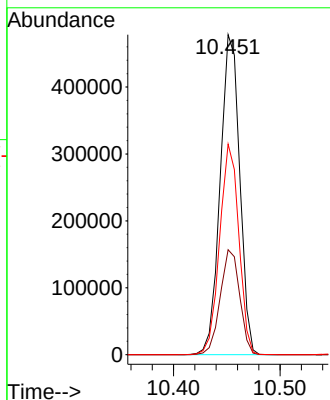
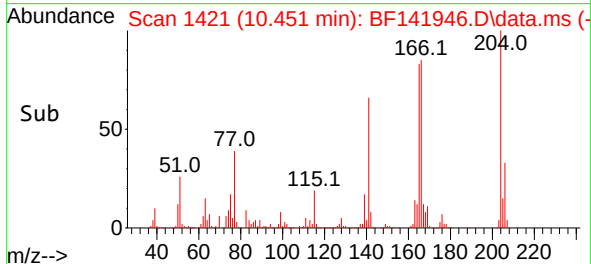
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:204 Resp: 60670
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 65.8 52.4 78.6

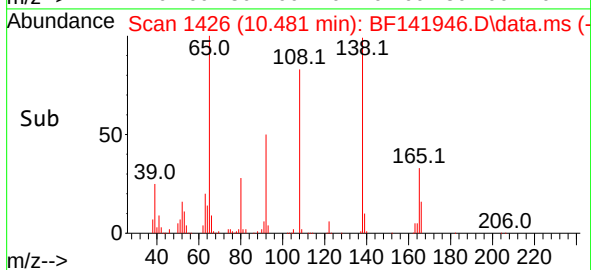
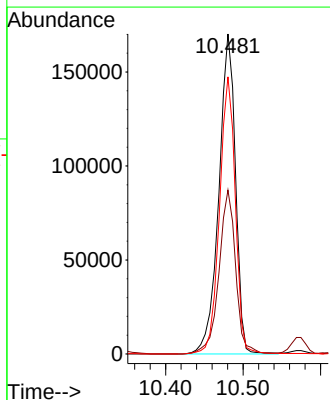
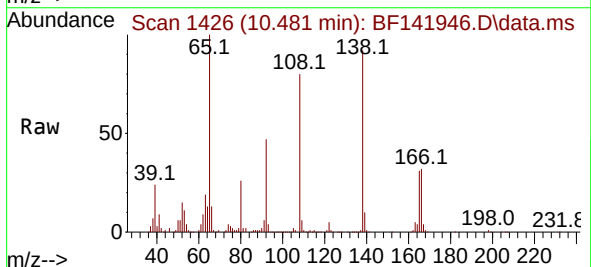
Manual Integrations
APPROVED

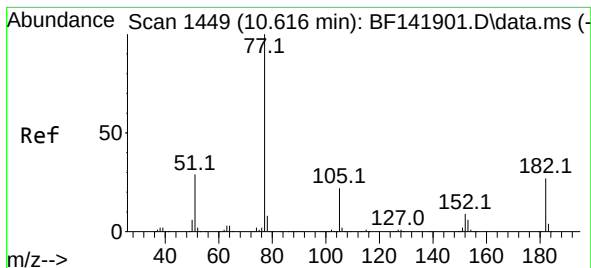
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#62
4-Nitroaniline
Concen: 45.200 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

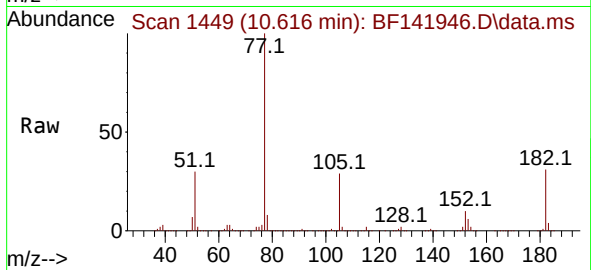
Tgt Ion:138 Resp: 254987
Ion Ratio Lower Upper
138 100
92 51.2 32.6 72.6
108 86.6 65.0 105.0





#63
Azobenzene
Concen: 50.775 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

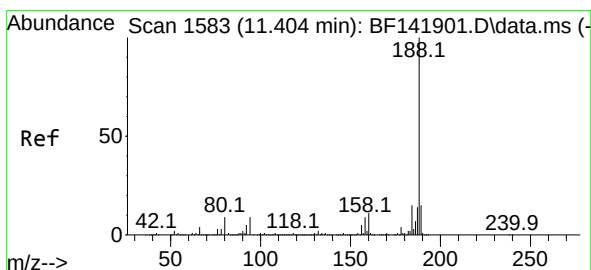
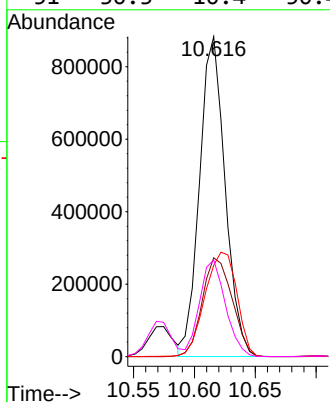
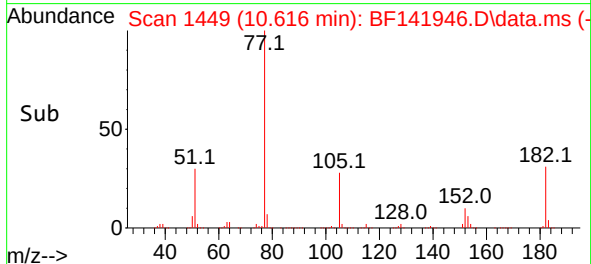
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



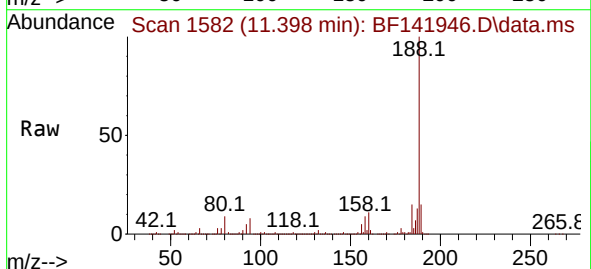
Tgt Ion: 77 Resp: 129141
Ion Ratio Lower Upper
77 100
182 30.9 6.6 46.6
105 28.6 1.3 41.3
51 30.3 10.4 50.4

Manual Integrations
APPROVED

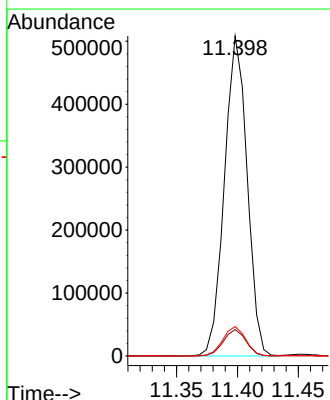
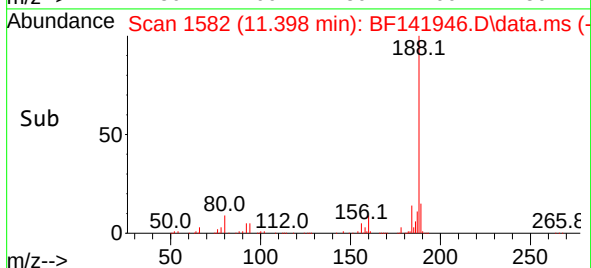
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

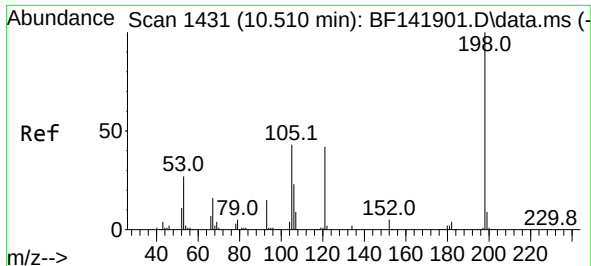


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44



Tgt Ion:188 Resp: 659104
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.2 7.6 11.4





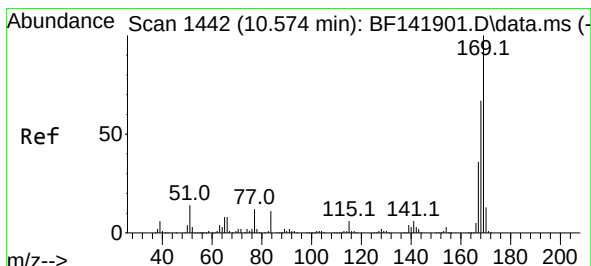
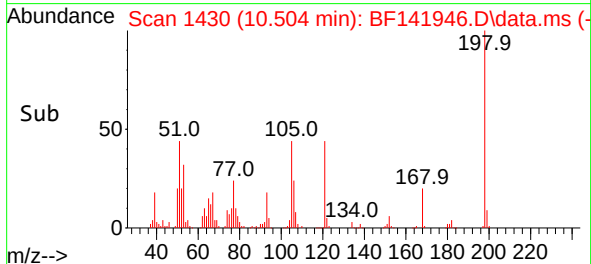
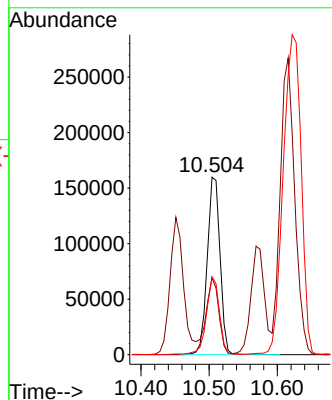
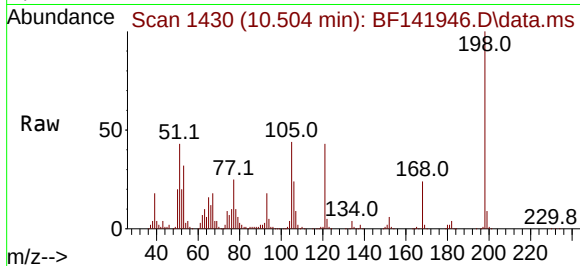
#65
4,6-Dinitro-2-methylphenol
Concen: 53.221 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

Tgt Ion:198 Resp: 20911
Ion Ratio Lower Upper
198 100
51 43.3 22.3 62.3
105 43.8 23.0 63.0

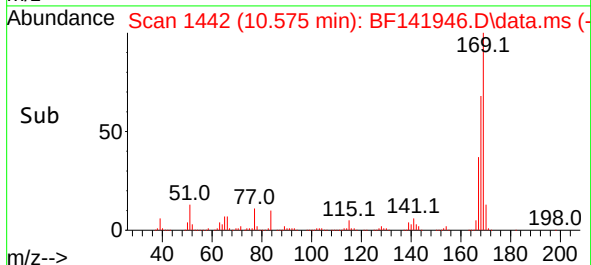
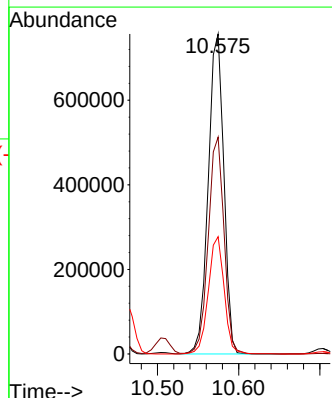
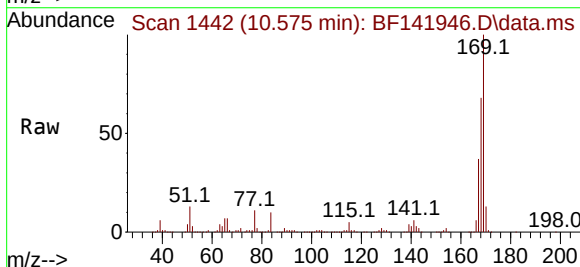
Manual Integrations
APPROVED

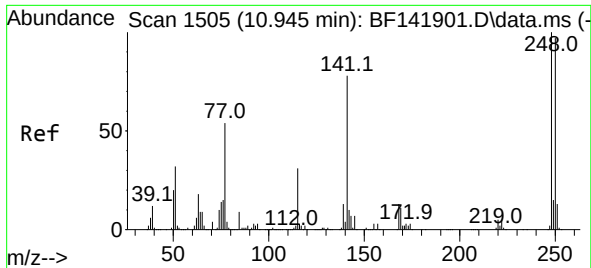
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#66
n-Nitrosodiphenylamine
Concen: 47.083 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

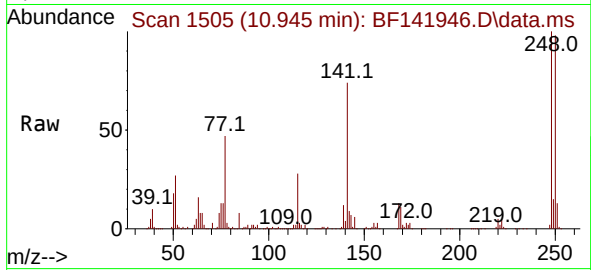
Tgt Ion:169 Resp: 1004229
Ion Ratio Lower Upper
169 100
168 67.7 53.7 80.5
167 36.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 46.795 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

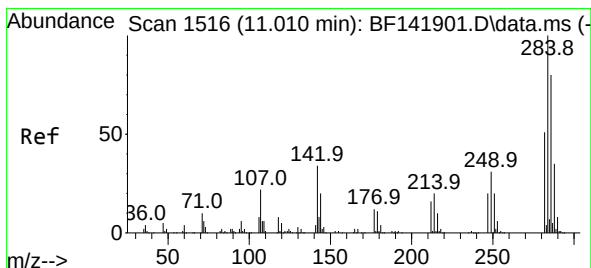
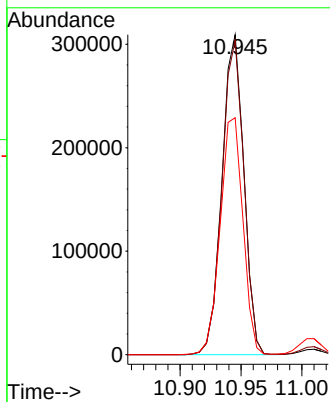
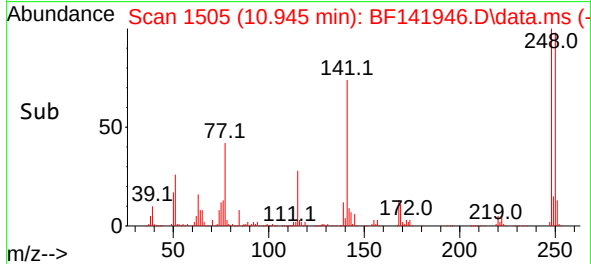
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



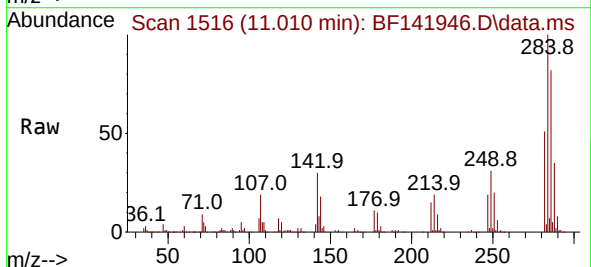
Tgt Ion:248 Resp: 38735
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.8
141 74.0 62.6 93.8

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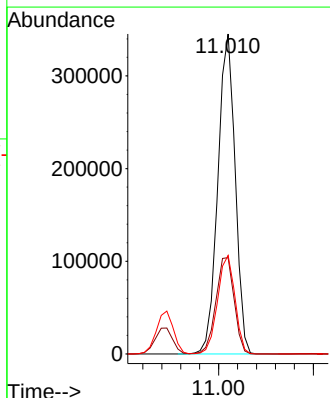
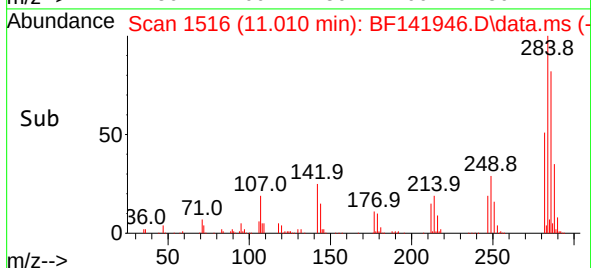
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

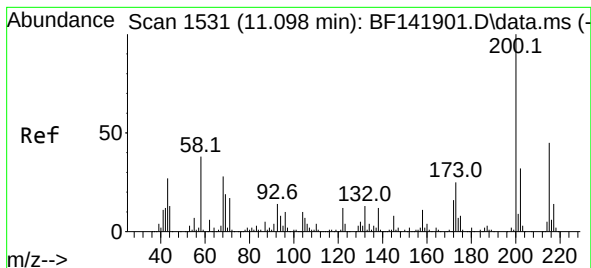


#68
Hexachlorobenzene
Concen: 48.363 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44



Tgt Ion:284 Resp: 439070
Ion Ratio Lower Upper
284 100
142 30.1 27.0 40.6
249 30.8 25.2 37.8





#69

Atrazine

Concen: 60.941 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

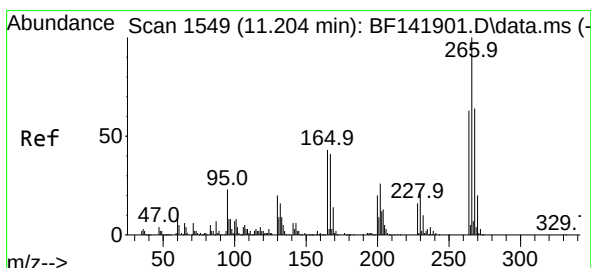
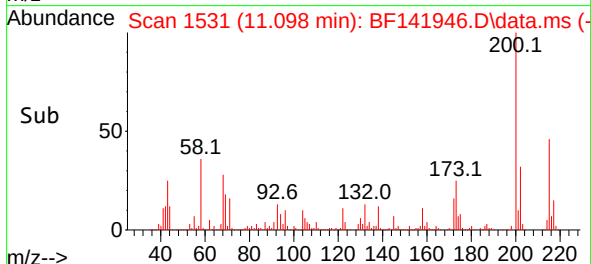
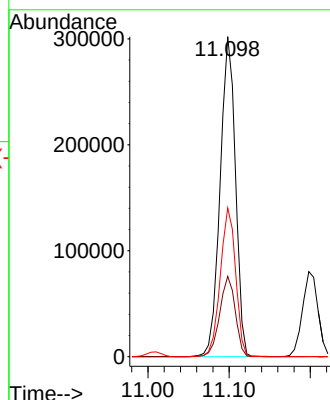
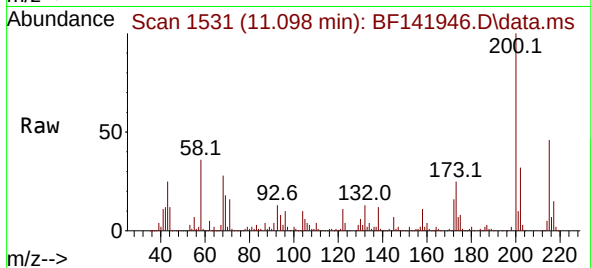
OR-620-JB-COMP-01MS

Tgt Ion:200 Resp: 39846
 Ion Ratio Lower Upper
 200 100
 173 25.1 4.7 44.7
 215 46.5 25.4 65.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025



#70

Pentachlorophenol

Concen: 99.492 ng

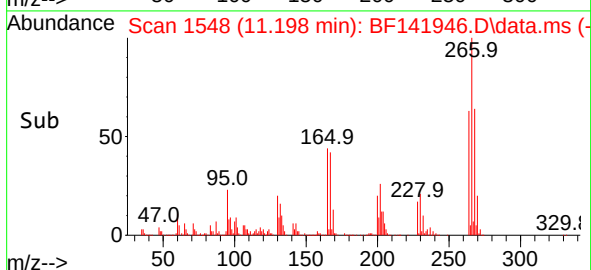
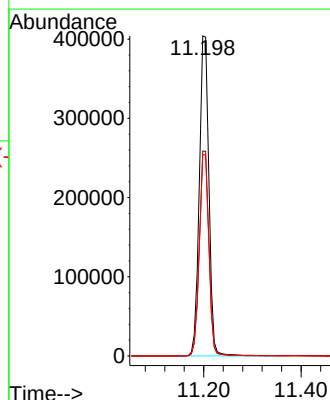
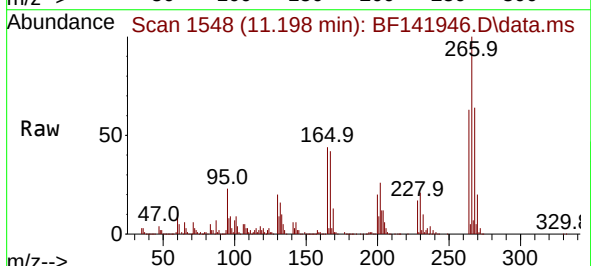
RT: 11.198 min Scan# 1548

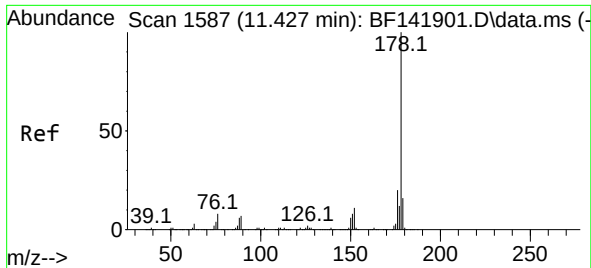
Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

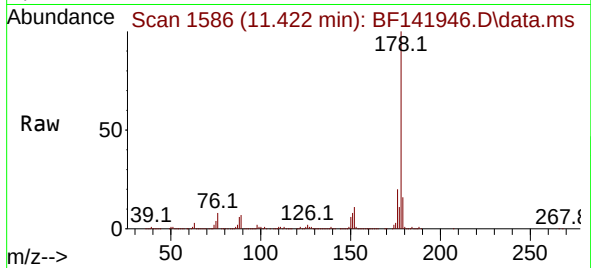
Tgt Ion:266 Resp: 556521
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.0 76.6
 264 63.0 50.2 75.2





#71
Phenanthrene
Concen: 47.375 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

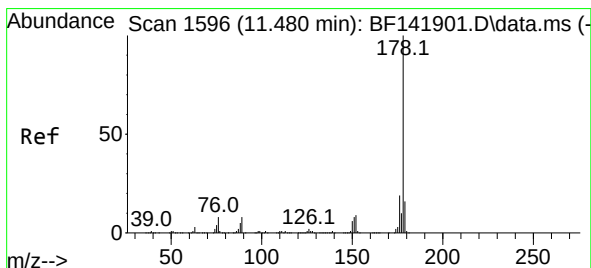
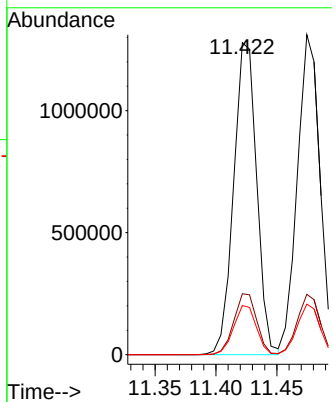
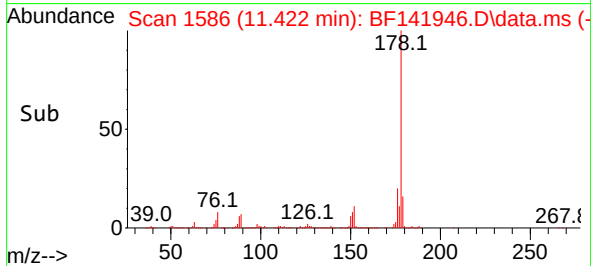
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:178 Resp: 168656
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.7 12.6 19.0

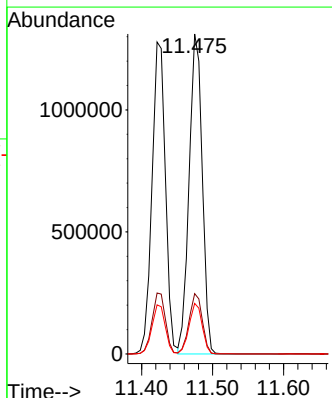
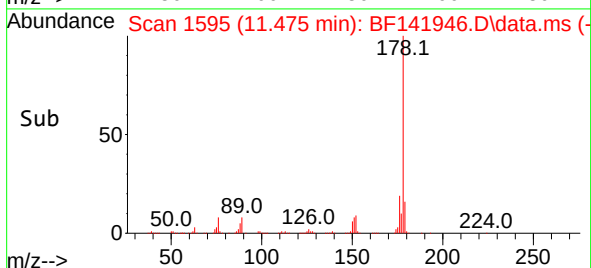
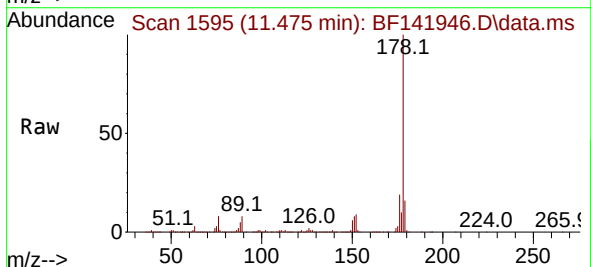
Manual Integrations
APPROVED

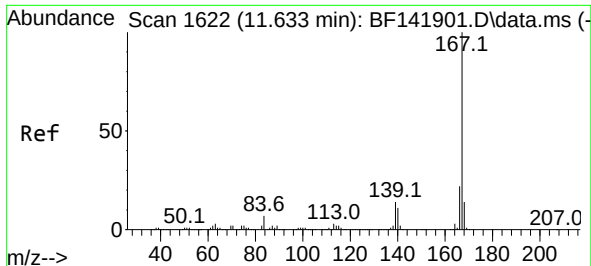
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#72
Anthracene
Concen: 47.217 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

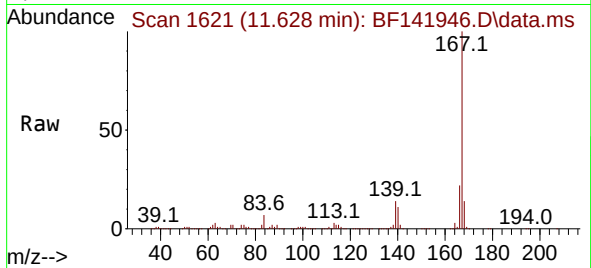
Tgt Ion:178 Resp: 1686427
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 45.884 ng
 RT: 11.628 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF141946.D
 Acq: 13 Mar 2025 17:44

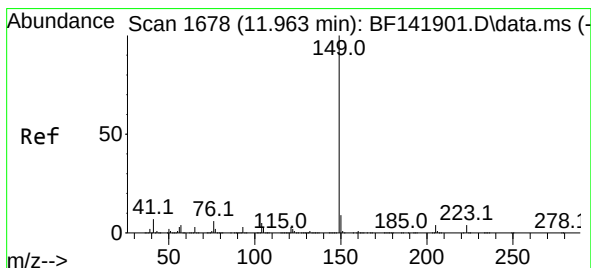
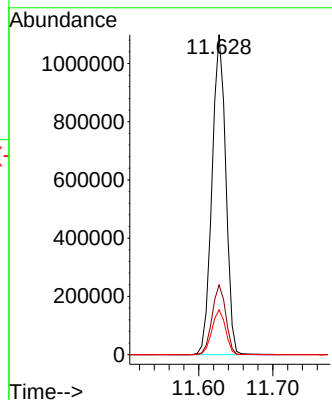
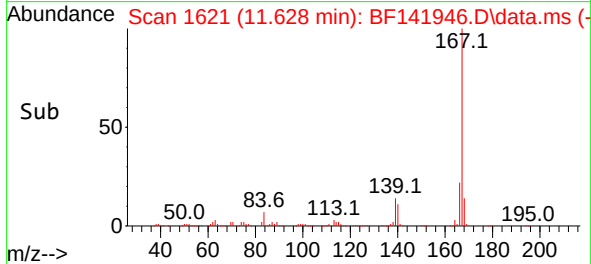
Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01MS



Tgt Ion:167 Resp: 141333
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 14.0 11.0 16.6

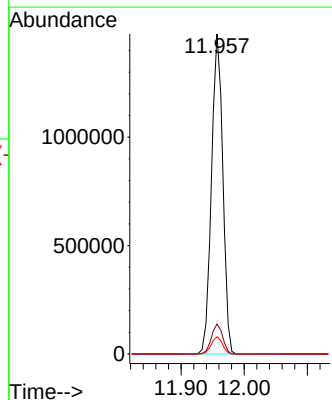
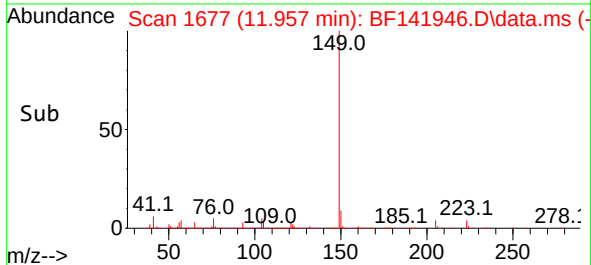
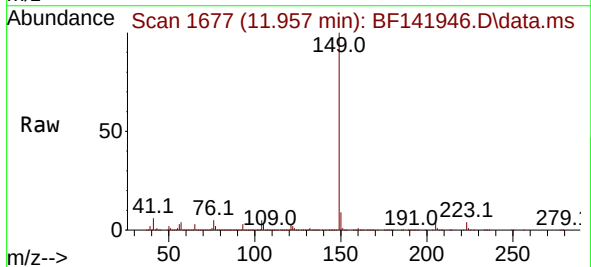
Manual Integrations
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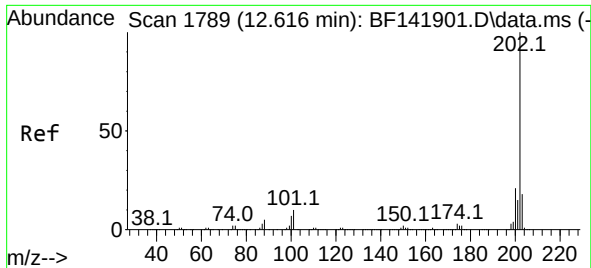
Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025



#74
 Di-n-butylphthalate
 Concen: 44.728 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF141946.D
 Acq: 13 Mar 2025 17:44

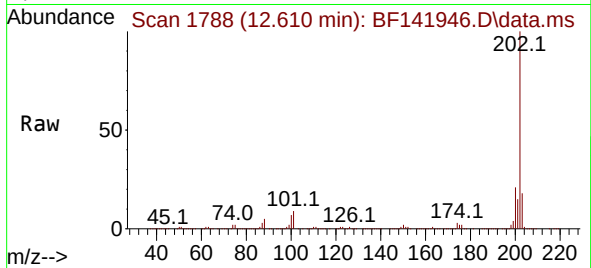
Tgt Ion:149 Resp: 1828098
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 43.824 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

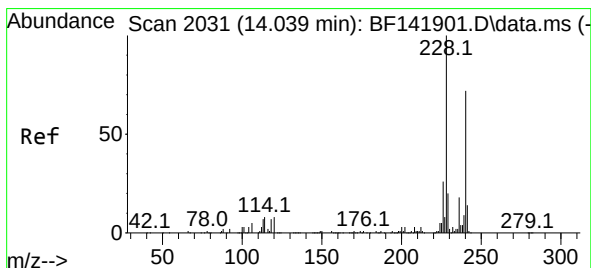
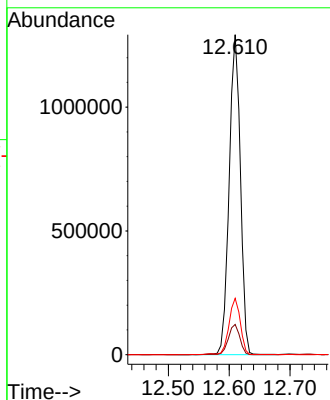
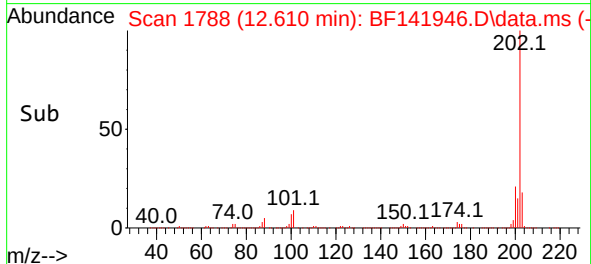
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:202 Resp: 1654964
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.6 0.0 37.8

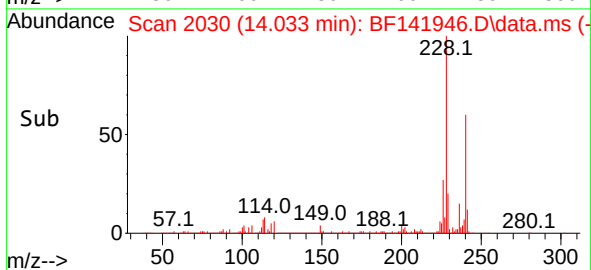
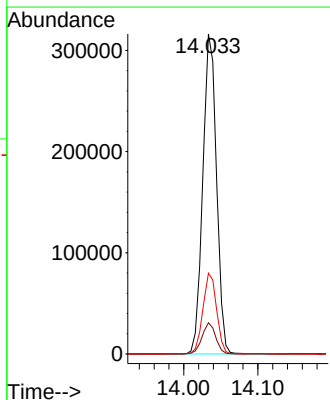
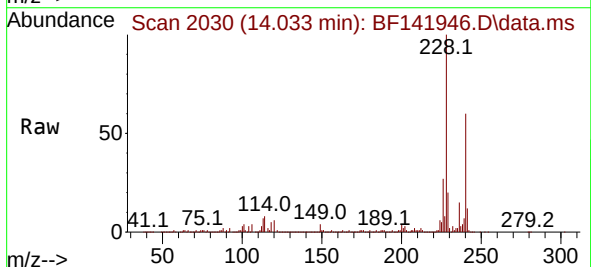
Manual Integrations
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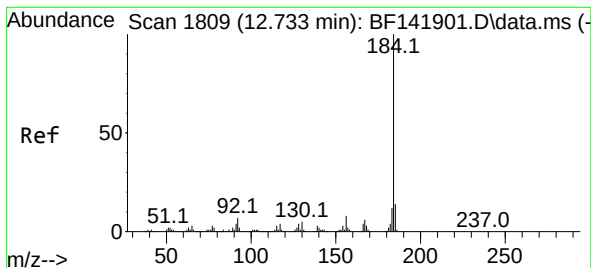
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:240 Resp: 406603
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.2 20.5 30.7





#77

Benzidine

Concen: 72.837 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

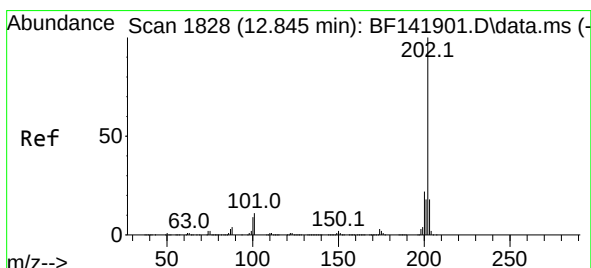
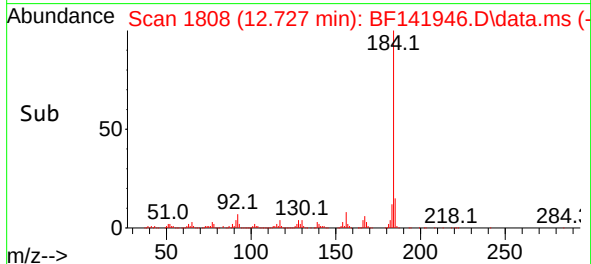
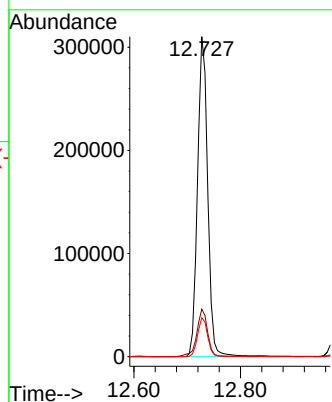
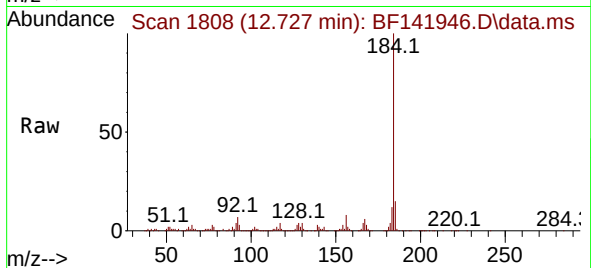
Tgt Ion:184 Resp: 413190

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.5	17.3
183	12.2	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#78

Pyrene

Concen: 46.384 ng

RT: 12.839 min Scan# 1827

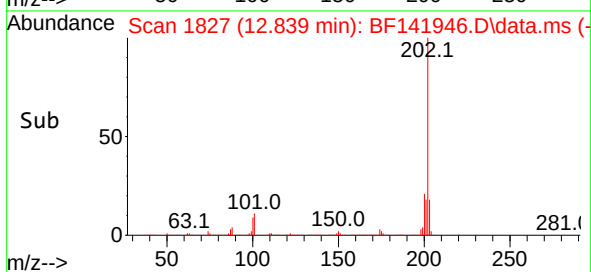
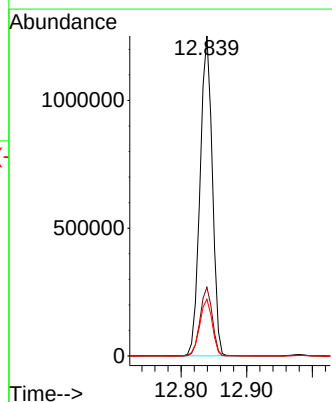
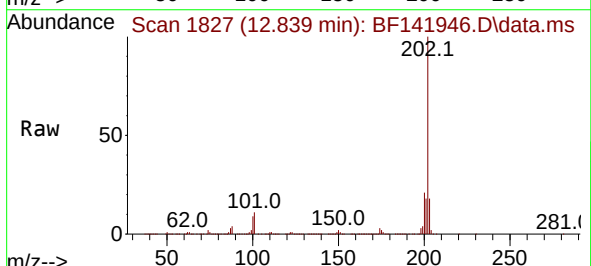
Delta R.T. -0.006 min

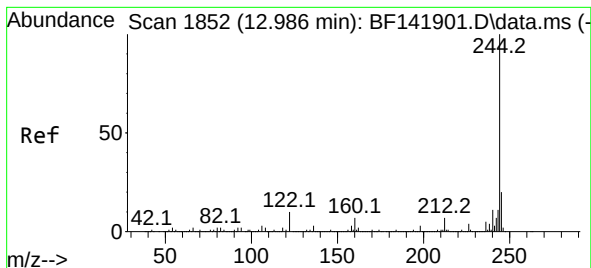
Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Tgt Ion:202 Resp: 1631390

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.3	25.9
203	17.7	14.4	21.6





#79

Terphenyl-d14

Concen: 73.813 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF141946.D

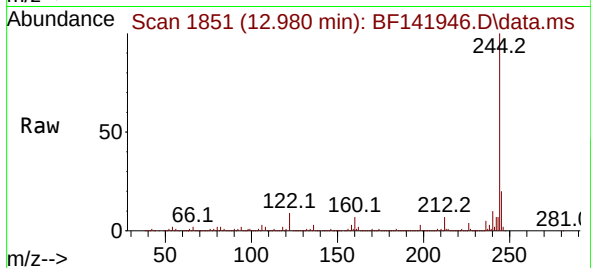
Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS



Tgt Ion:244 Resp: 2029980

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

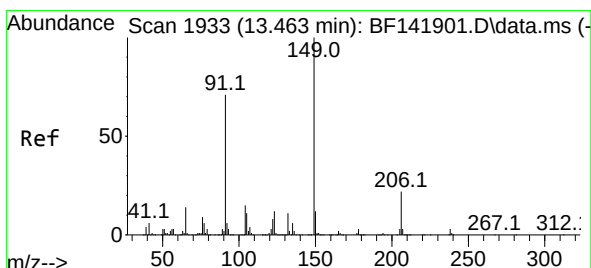
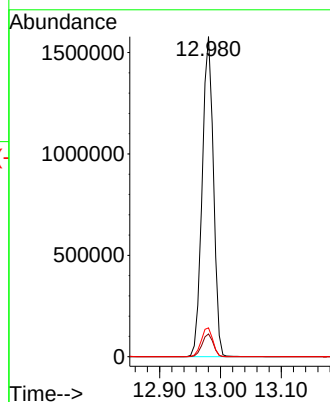
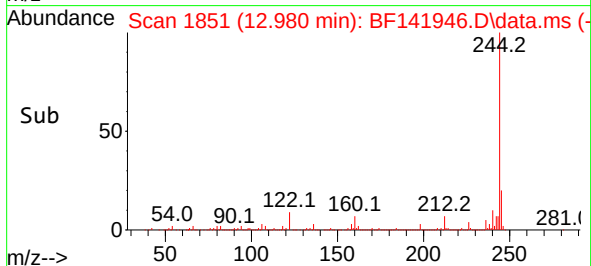
122 9.0 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#80

Butylbenzylphthalate

Concen: 45.388 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

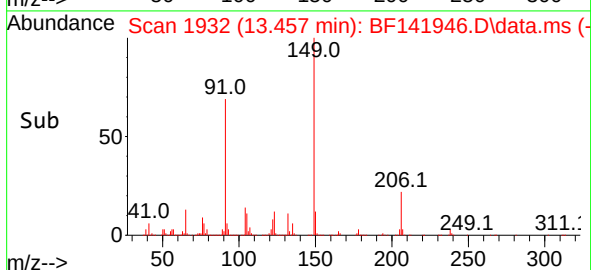
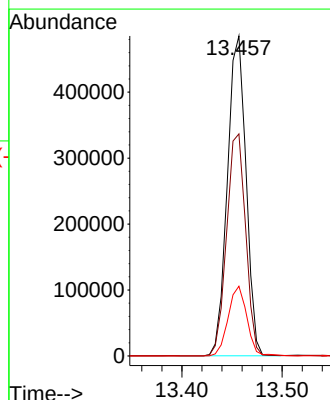
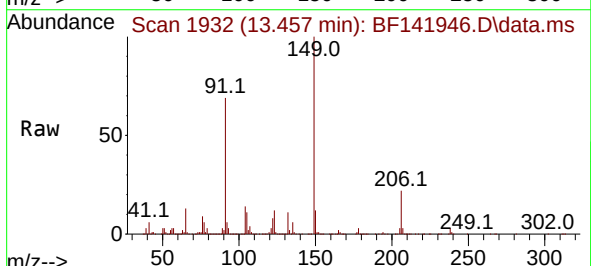
Tgt Ion:149 Resp: 624824

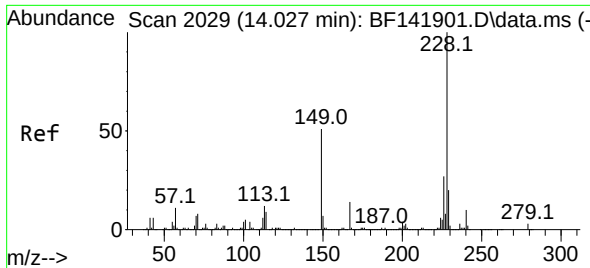
Ion Ratio Lower Upper

149 100

91 69.4 56.5 84.7

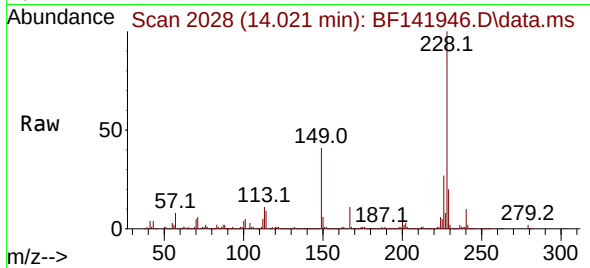
206 21.8 17.3 25.9





#81
Benzo(a)anthracene
Concen: 49.552 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

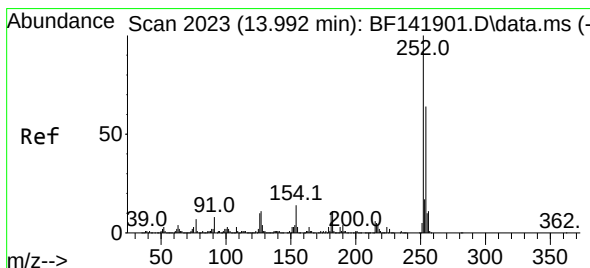
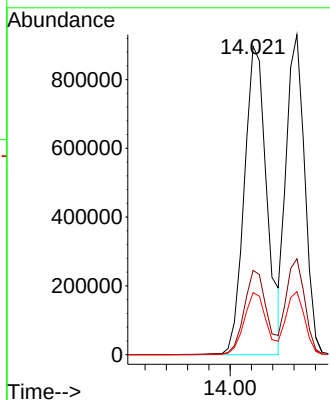
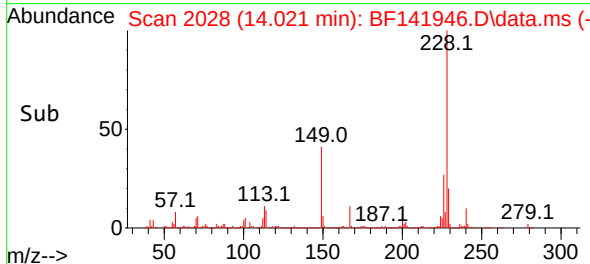
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:228 Resp: 132211
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.1 16.0 24.0

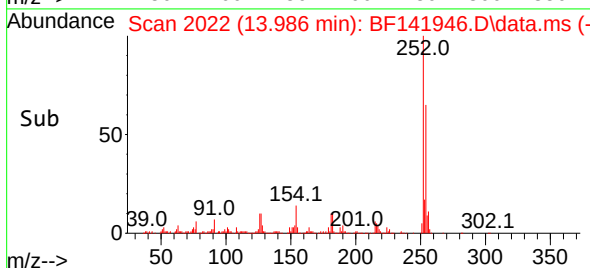
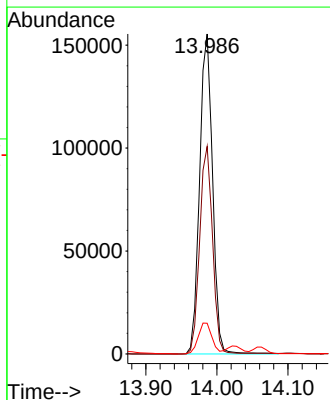
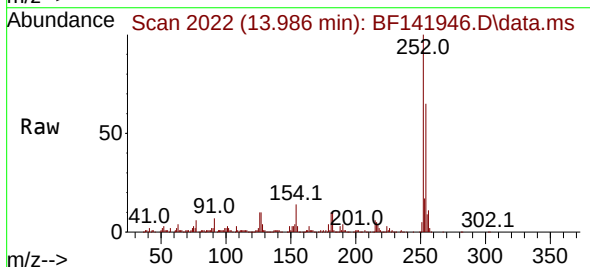
Manual Integrations
APPROVED

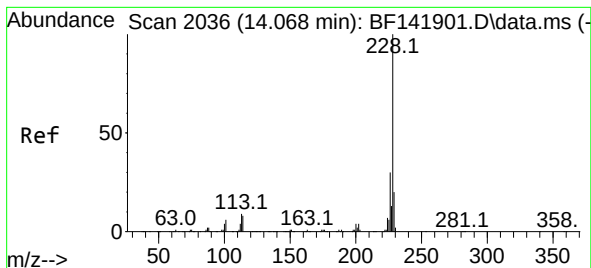
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 25.637 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:252 Resp: 197679
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.6
126 9.6 8.4 12.6





#83

Chrysene

Concen: 46.229 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion:228 Resp: 111808

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

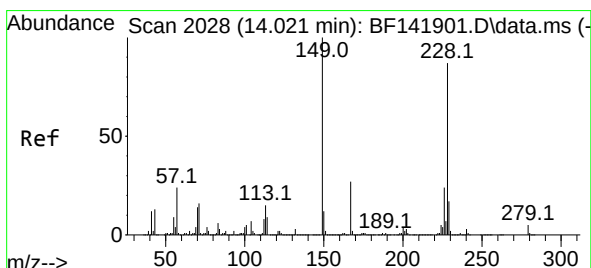
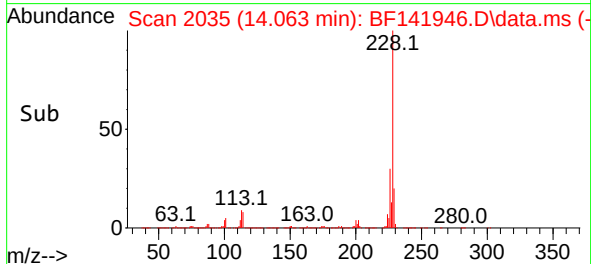
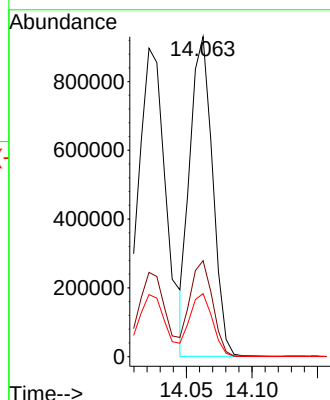
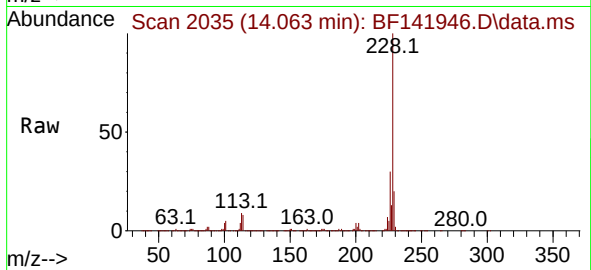
229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.452 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

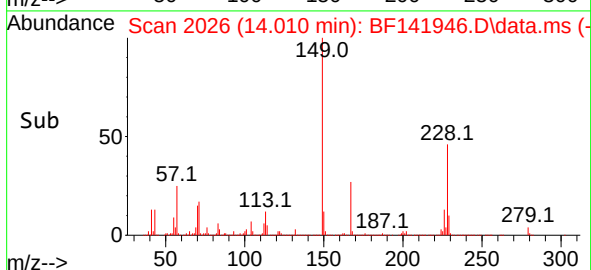
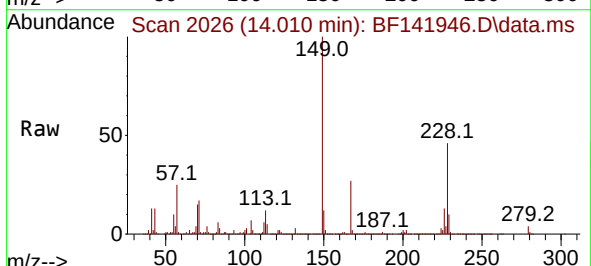
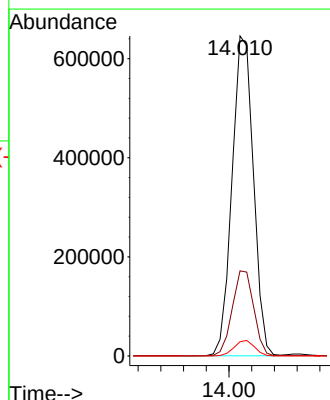
Tgt Ion:149 Resp: 843728

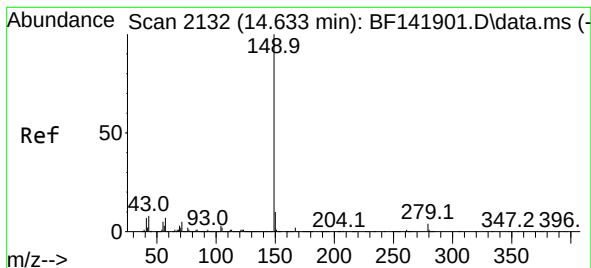
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

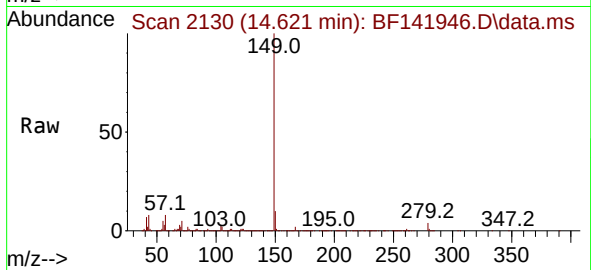
279 4.5 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 48.942 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

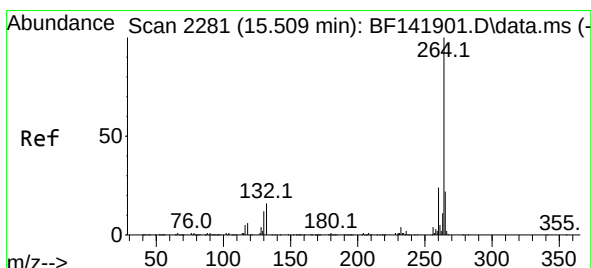
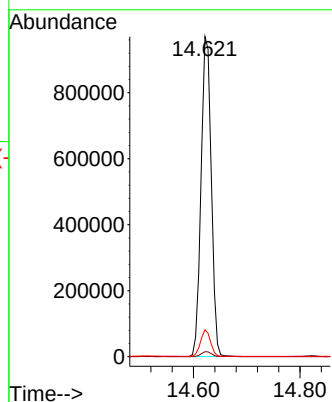
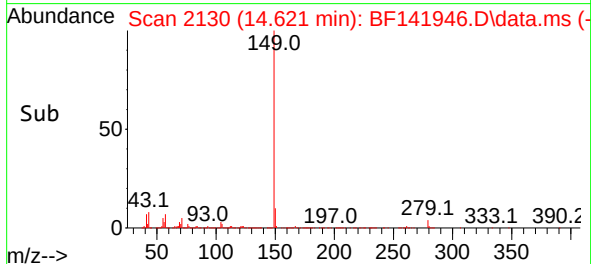
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:149 Resp: 129253
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.9 10.3

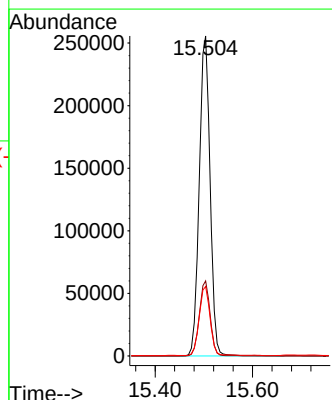
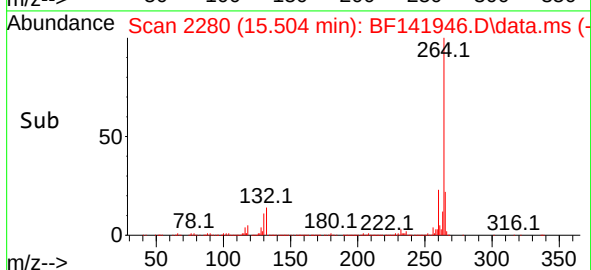
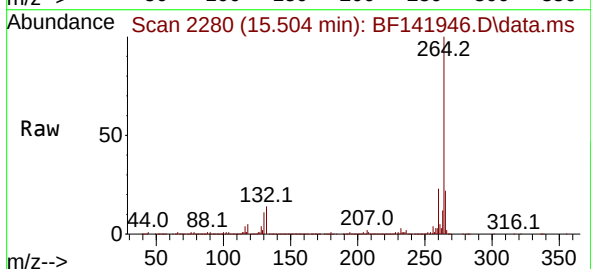
Manual Integrations
APPROVED

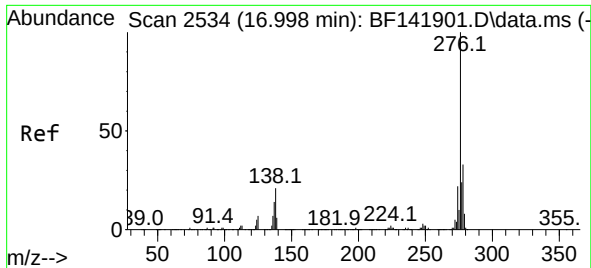
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

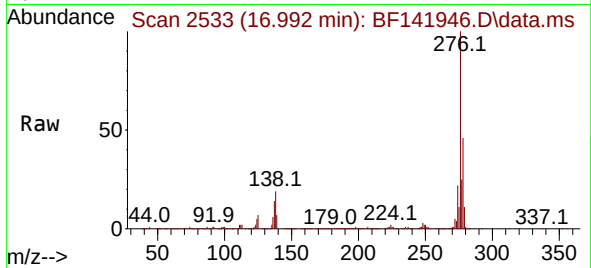
Tgt Ion:264 Resp: 396481
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.7 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.218 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

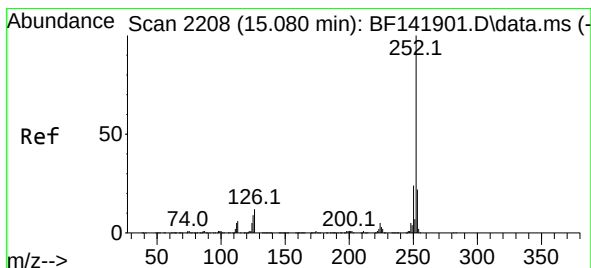
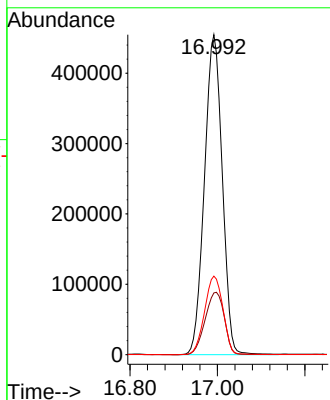
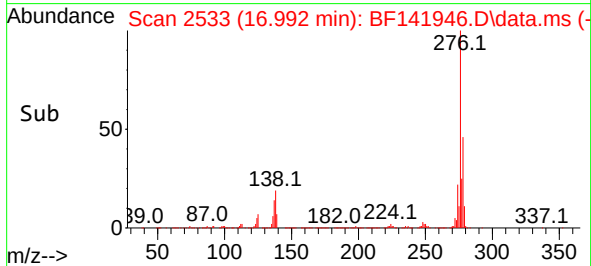
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:276 Resp: 1287978
Ion Ratio Lower Upper
276 100
138 21.1 18.4 27.6
277 25.5 20.3 30.5

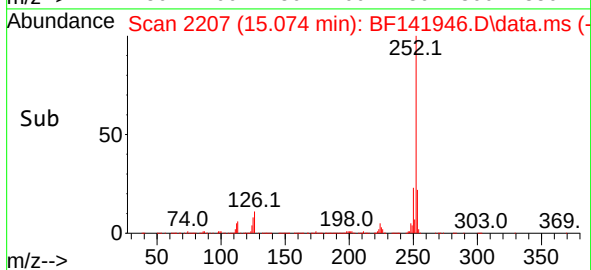
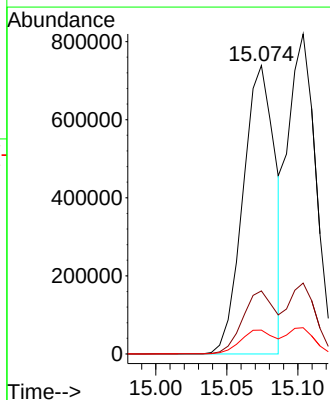
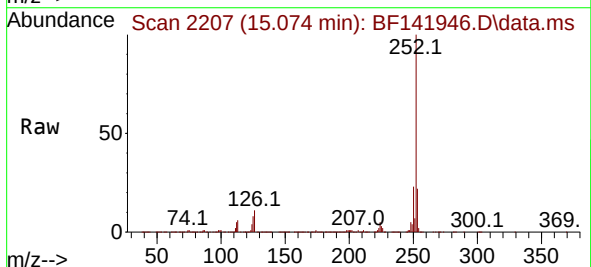
Manual Integrations
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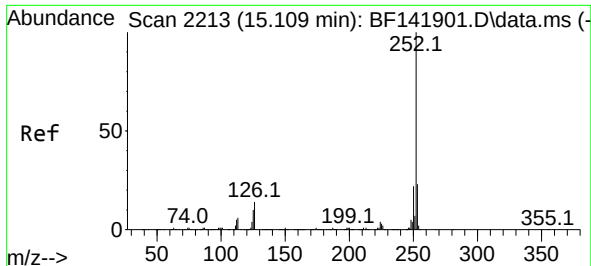
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#88
Benzo(b)fluoranthene
Concen: 42.691 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

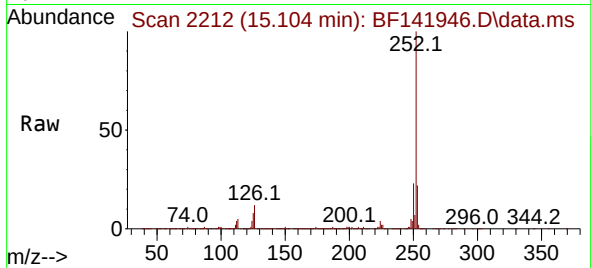
Tgt Ion:252 Resp: 1160054
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.3 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 47.023 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

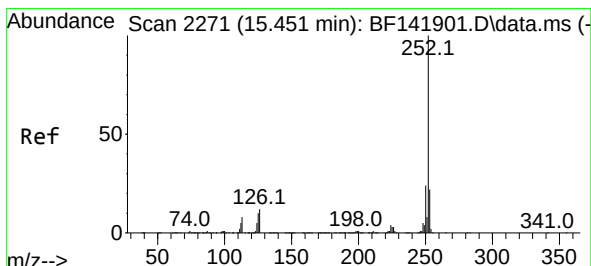
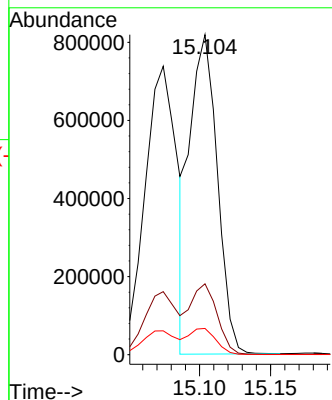
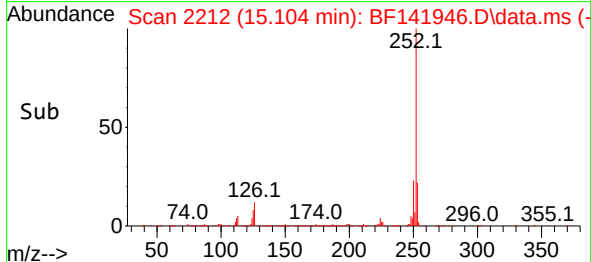
Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS



Tgt Ion:252 Resp: 109347
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.2 7.2 10.8

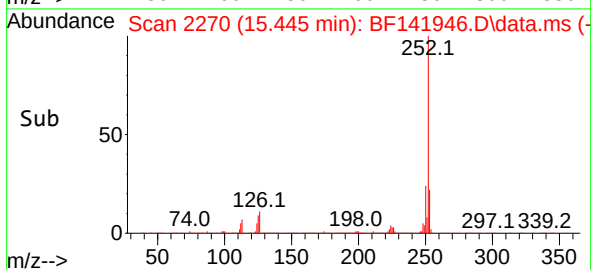
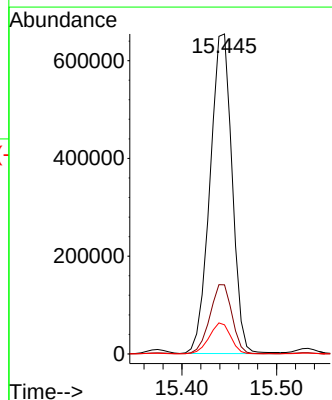
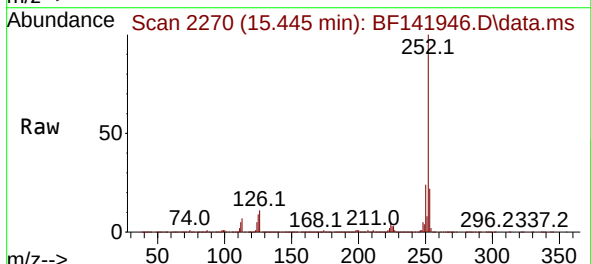
Manual Integrations
APPROVED

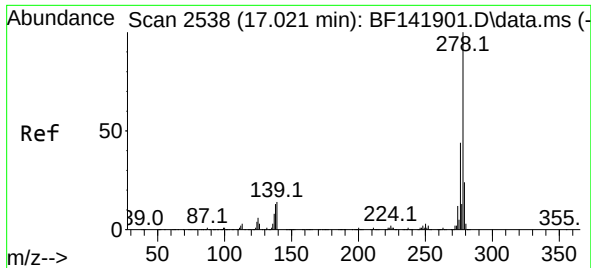
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025



#90
Benzo(a)pyrene
Concen: 49.869 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF141946.D
Acq: 13 Mar 2025 17:44

Tgt Ion:252 Resp: 1060301
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.1 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 49.647 ng

RT: 17.010 min Scan# 2194

Delta R.T. -0.012 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Instrument :

BNA_F

ClientSampleId :

OR-620-JB-COMP-01MS

Tgt Ion:278 Resp: 105060

Ion Ratio Lower Upper

278 100

139 13.8 11.4 17.2

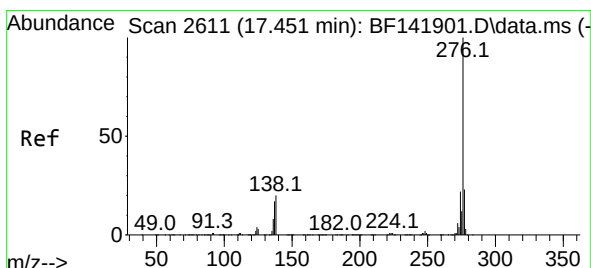
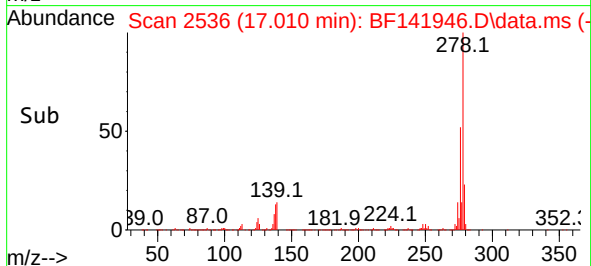
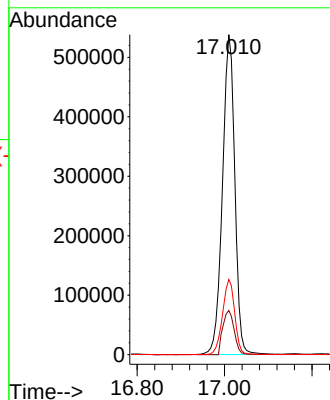
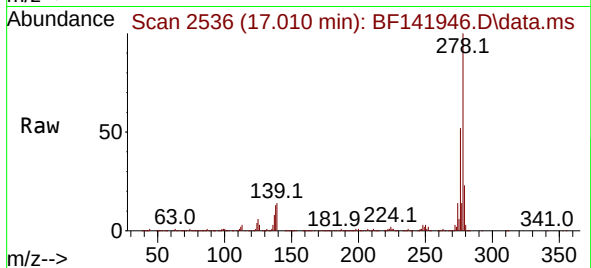
279 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/14/2025

Supervised By :Jagrut Upadhyay 03/14/2025



#92

Benzo(g,h,i)perylene

Concen: 46.095 ng

RT: 17.439 min Scan# 2609

Delta R.T. -0.012 min

Lab File: BF141946.D

Acq: 13 Mar 2025 17:44

Tgt Ion:276 Resp: 963917

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 18.3 15.8 23.8

