

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141574.D
 Acq On : 11 Feb 2025 20:38
 Operator : RC/JU
 Sample : Q1215-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825MSD

Quant Time: Feb 12 00:09:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	77684	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	297197	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	147170	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	213794	20.000	ng	0.00
76) Chrysene-d12	13.957	240	172116	20.000	ng	0.00
86) Perylene-d12	15.410	264	164980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	469748	94.800	ng	0.00
7) Phenol-d6	6.428	99	577057	92.139	ng	-0.01
23) Nitrobenzene-d5	7.351	82	389531	68.363	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	121471	82.164	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	674000	70.557	ng	0.00
79) Terphenyl-d14	12.892	244	570645	55.971	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	98534	49.407	ng	99
3) Pyridine	3.287	79	210061	44.263	ng	99
4) n-Nitrosodimethylamine	3.240	42	138845	44.184	ng	95
6) Aniline	6.446	93	100166	17.050	ng	# 1
8) 2-Chlorophenol	6.575	128	237041	44.272	ng	99
9) Benzaldehyde	6.340	77	192251	57.766	ng	99
10) Phenol	6.446	94	285296	43.767	ng	84
11) bis(2-Chloroethyl)ether	6.522	93	232644	47.516	ng	100
12) 1,3-Dichlorobenzene	6.728	146	259144	45.845	ng	97
13) 1,4-Dichlorobenzene	6.804	146	261674	45.309	ng	99
14) 1,2-Dichlorobenzene	6.957	146	246175	45.927	ng	100
15) Benzyl Alcohol	6.934	79	204176	42.513	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	369115	44.041	ng	85
17) 2-Methylphenol	7.051	107	182572	43.573	ng	96
18) Hexachloroethane	7.298	117	94350	44.143	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	165016	44.049	ng	99
20) 3+4-Methylphenols	7.204	107	234193	43.981	ng	93
22) Acetophenone	7.198	105	364730	49.335	ng	96
24) Nitrobenzene	7.369	77	246843	44.426	ng	100
25) Isophorone	7.610	82	423704	46.636	ng	99
26) 2-Nitrophenol	7.687	139	123944	44.837	ng	95
27) 2,4-Dimethylphenol	7.728	122	178402	55.244	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	266748	45.820	ng	100
29) 2,4-Dichlorophenol	7.934	162	188183	43.129	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	208540	43.889	ng	99
31) Naphthalene	8.092	128	693134	44.804	ng	100
32) Benzoic acid	7.851	122	128987	38.454	ng	98
33) 4-Chloroaniline	8.151	127	50168	9.288	ng	98
34) Hexachlorobutadiene	8.204	225	131893	46.238	ng	99
35) Caprolactam	8.510	113	64101m	48.251	ng	
36) 4-Chloro-3-methylphenol	8.634	107	194418	40.225	ng	100
37) 2-Methylnaphthalene	8.781	142	416459	41.369	ng	99
38) 1-Methylnaphthalene	8.881	142	395909	40.605	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	219213	51.485	ng	99
41) Hexachlorocyclopentadiene	8.934	237	66767	47.146	ng	96
43) 2,4,6-Trichlorophenol	9.063	196	124222	45.141	ng	99

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 QLast Update : Thu Feb 06 16:58:59 2025
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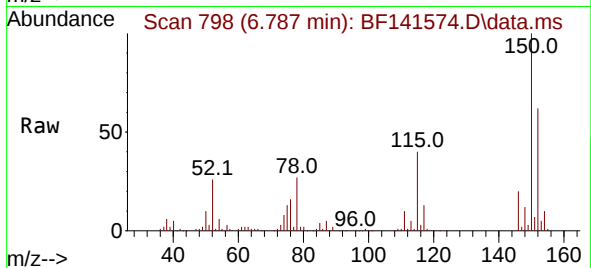
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	129702	43.489	ng	99
46) 1,1'-Biphenyl	9.245	154	586614	51.413	ng	100
47) 2-Chloronaphthalene	9.269	162	386355	45.792	ng	99
48) 2-Nitroaniline	9.369	65	125612	44.362	ng	99
49) Acenaphthylene	9.687	152	570401	45.452	ng	99
50) Dimethylphthalate	9.545	163	456888	45.730	ng	100
51) 2,6-Dinitrotoluene	9.610	165	95272	43.621	ng	99
52) Acenaphthene	9.857	154	376338	44.607	ng	99
53) 3-Nitroaniline	9.781	138	50219	21.363	ng	96
54) 2,4-Dinitrophenol	9.892	184	56617	43.616	ng	95
55) Dibenzofuran	10.028	168	527415	42.589	ng	99
56) 4-Nitrophenol	9.957	139	139161	79.747	ng	94
57) 2,4-Dinitrotoluene	10.016	165	126086	43.365	ng	98
58) Fluorene	10.369	166	409183	42.734	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	100561	39.164	ng	96
60) Diethylphthalate	10.245	149	423603	43.093	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	200100	43.439	ng	98
62) 4-Nitroaniline	10.392	138	77033	32.272	ng	97
63) Azobenzene	10.522	77	425393	43.531	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	39496	26.594	ng	100
66) n-Nitrosodiphenylamine	10.481	169	343871	50.246	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	116182	48.623	ng	96
68) Hexachlorobenzene	10.922	284	113784	46.245	ng	99
69) Atrazine	11.010	200	123922	60.357	ng	100
70) Pentachlorophenol	11.122	266	125770	79.942	ng	99
71) Phenanthrene	11.333	178	799767	67.959	ng	100
72) Anthracene	11.386	178	586861	49.607	ng	99
73) Carbazole	11.545	167	478486	44.951	ng	100
74) Di-n-butylphthalate	11.875	149	584882	47.586	ng	100
75) Fluoranthene	12.528	202	1039256	83.295	ng	99
77) Benzidine	12.645	184	134156	35.342	ng	99
78) Pyrene	12.757	202	1074122	73.310	ng	100
80) Butylbenzylphthalate	13.369	149	233190	45.949	ng	98
81) Benzo(a)anthracene	13.945	228	813229	71.079	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	109523	33.418	ng	99
83) Chrysene	13.980	228	705014	66.736	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	316795	55.348	ng	99
85) Di-n-octyl phthalate	14.551	149	546624	66.944	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	492273	48.291	ng	98
88) Benzo(b)fluoranthene	14.992	252	837524	75.605	ng	98
89) Benzo(k)fluoranthene	15.021	252	486157m	51.395	ng	
90) Benzo(a)pyrene	15.351	252	638187	71.197	ng	97
91) Dibenzo(a,h)anthracene	16.868	278	327735	39.677	ng	100
92) Benzo(g,h,i)perylene	17.286	276	386271	44.688	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
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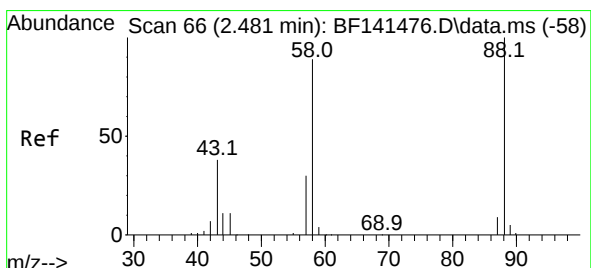
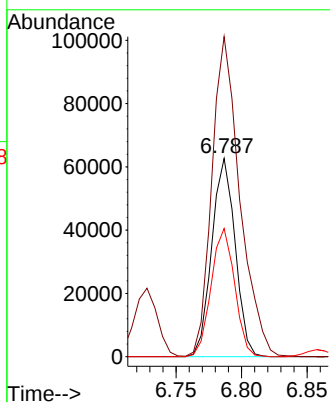
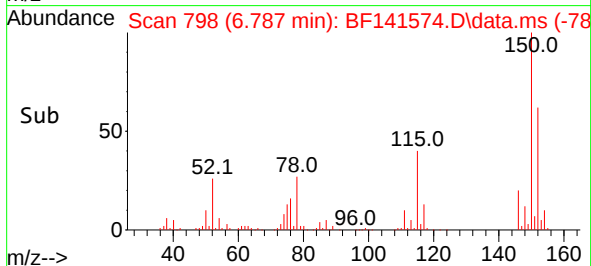
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:152 Resp: 77684
Ion Ratio Lower Upper
152 100
150 161.4 125.0 187.4
115 64.6 53.6 80.4

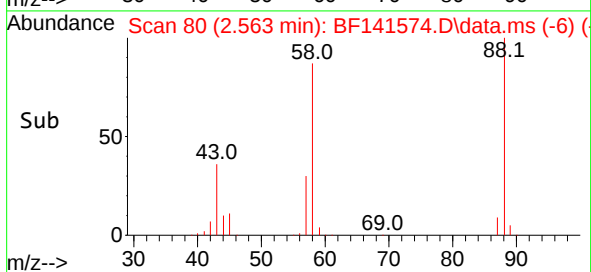
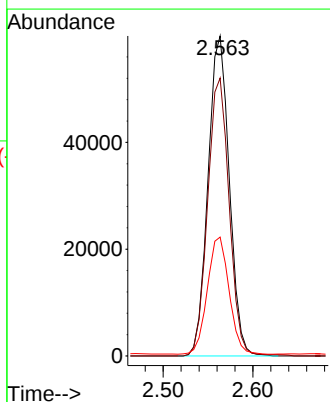
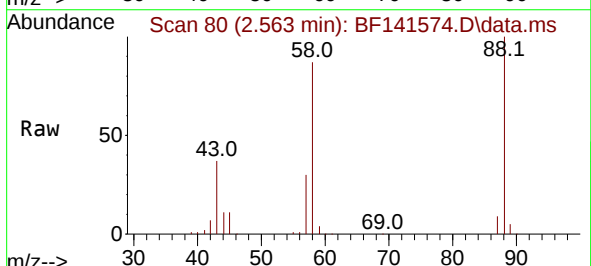
Manual Integrations
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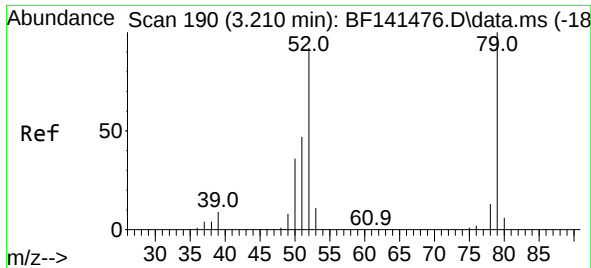
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#2
1,4-Dioxane
Concen: 49.407 ng
RT: 2.563 min Scan# 80
Delta R.T. 0.083 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Tgt Ion: 88 Resp: 98534
Ion Ratio Lower Upper
88 100
58 88.1 71.1 106.7
43 37.4 30.6 46.0





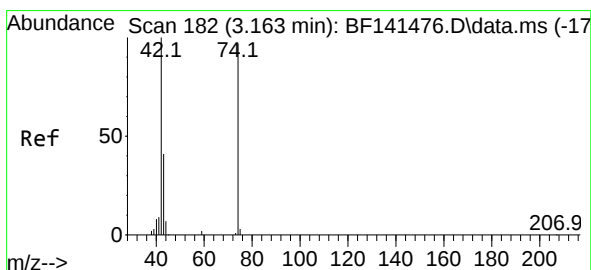
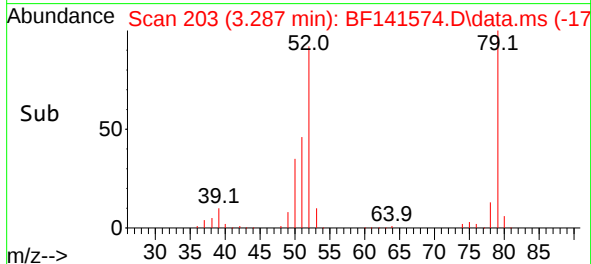
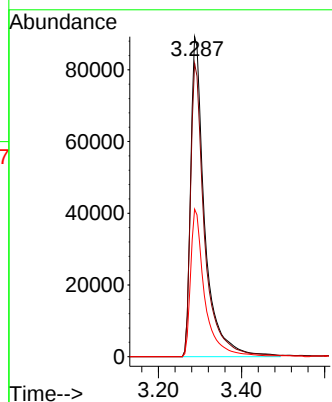
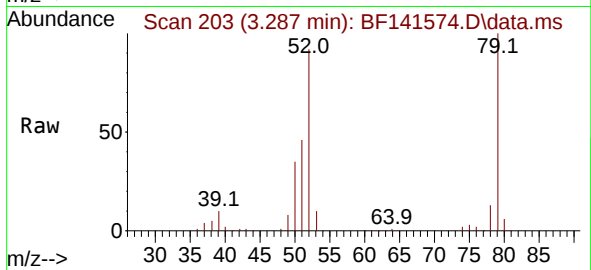
#3
 Pyridine
 Concen: 44.263 ng
 RT: 3.287 min Scan# 203
 Delta R.T. 0.071 min
 Lab File: BF141574.D
 Acq: 11 Feb 2025 20:38

Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825MSD

Tgt Ion: 79 Resp: 21006
 Ion Ratio Lower Upper
 79 100
 52 91.7 73.7 110.5
 51 46.1 37.5 56.3

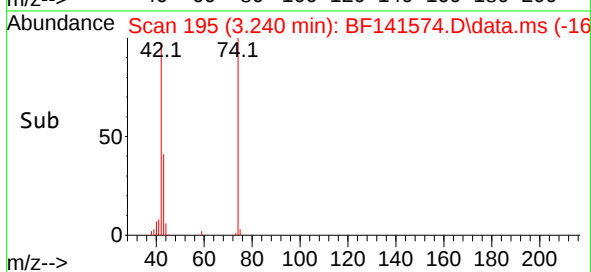
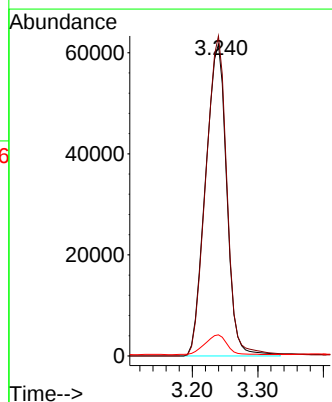
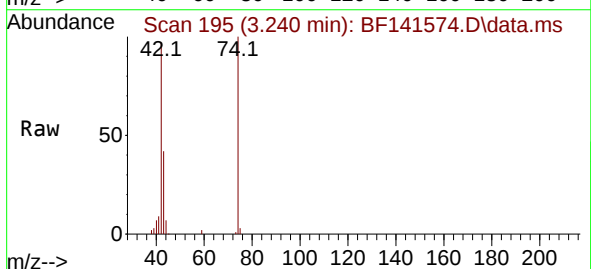
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#4
 n-Nitrosodimethylamine
 Concen: 44.184 ng
 RT: 3.240 min Scan# 195
 Delta R.T. 0.053 min
 Lab File: BF141574.D
 Acq: 11 Feb 2025 20:38

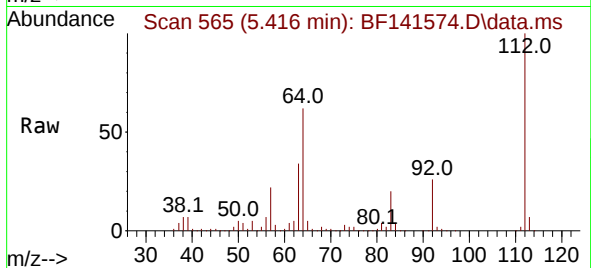
Tgt Ion: 42 Resp: 138845
 Ion Ratio Lower Upper
 42 100
 74 102.6 78.0 117.0
 44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 94.800 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

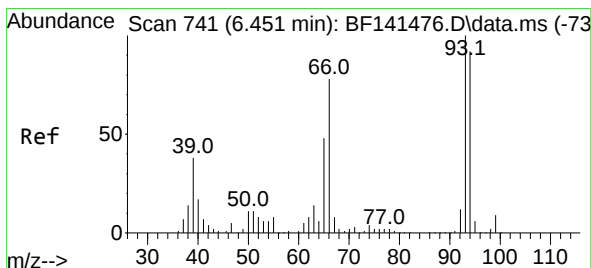
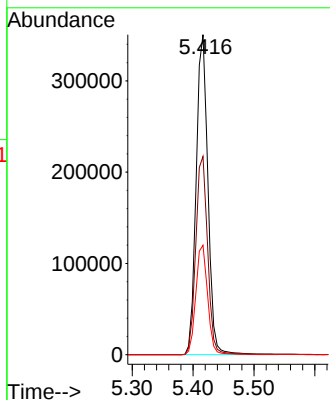
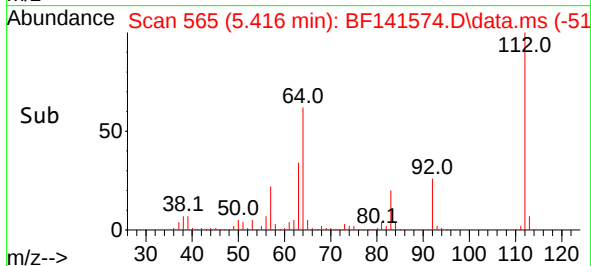
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:112 Resp: 469748
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 34.2 28.4 42.6

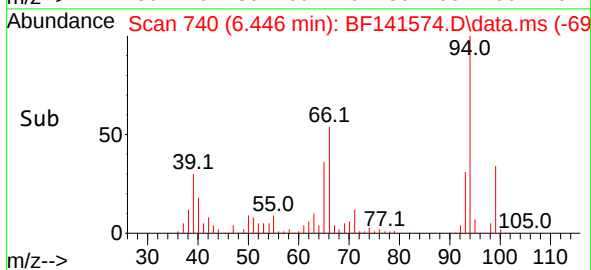
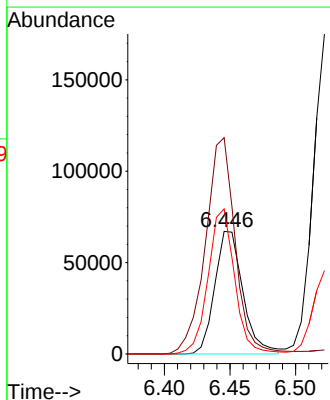
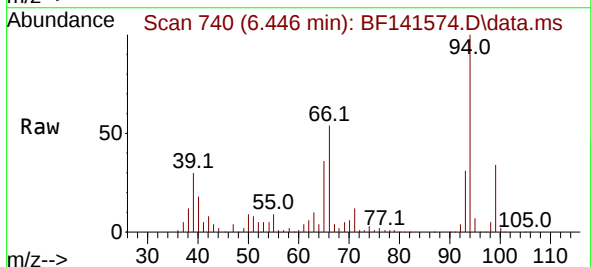
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#6
Aniline
Concen: 17.050 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Tgt Ion: 93 Resp: 100166
Ion Ratio Lower Upper
93 100
66 176.6 62.6 94.0#
65 118.4 38.3 57.5#





#7

Phenol-d6

Concen: 92.139 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141574.D

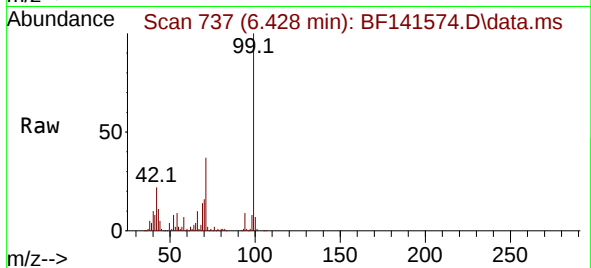
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Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825MSD



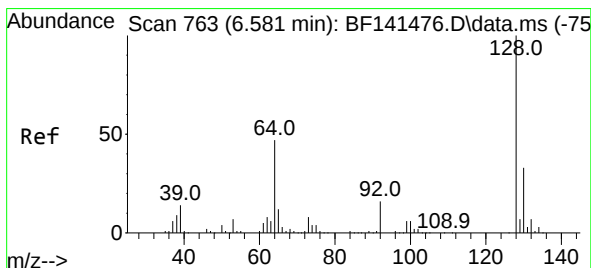
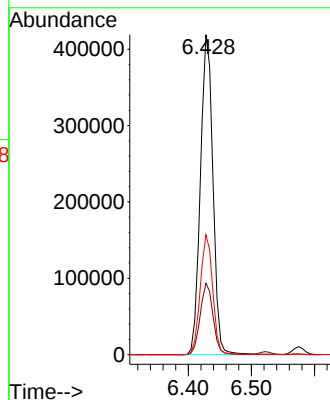
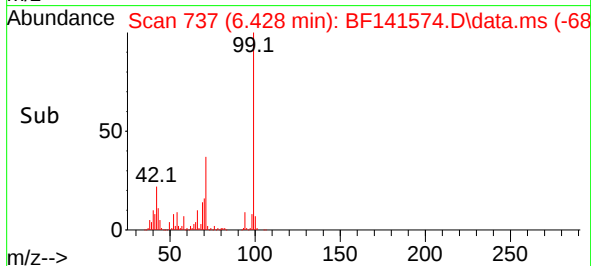
Tgt Ion:	99	Resp:	57705
Ion	Ratio	Lower	Upper
99	100		
42	22.3	19.1	28.7
71	37.5	31.1	46.7

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#8

2-Chlorophenol

Concen: 44.272 ng

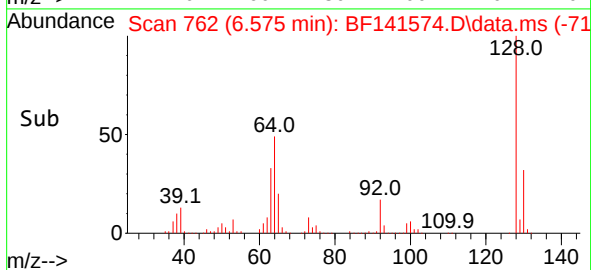
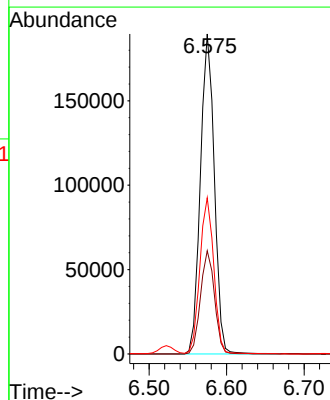
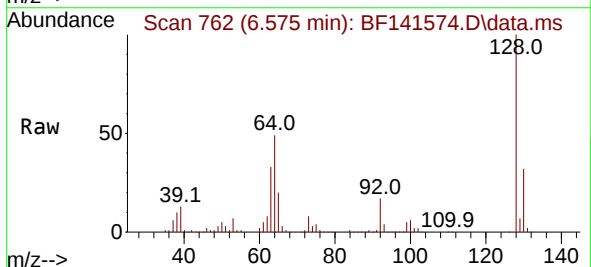
RT: 6.575 min Scan# 762

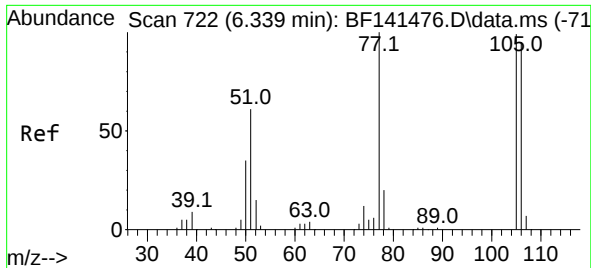
Delta R.T. -0.012 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

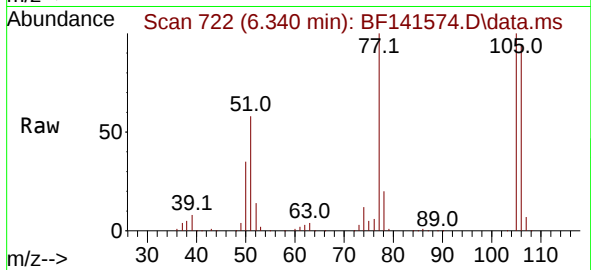
Tgt Ion:	128	Resp:	237041
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.7	52.7
64	48.8	28.3	68.3





#9
Benzaldehyde
Concen: 57.766 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

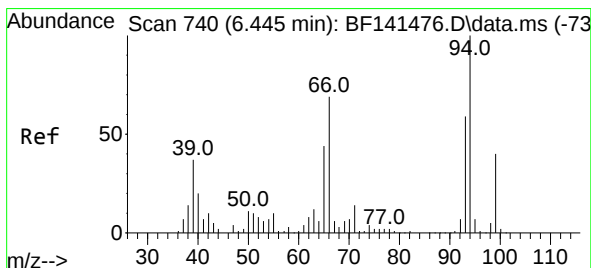
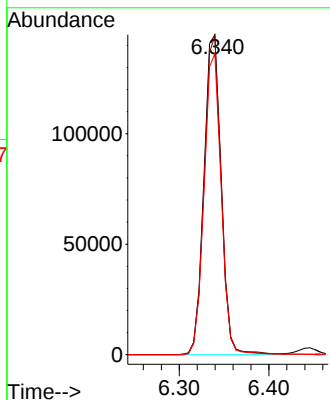
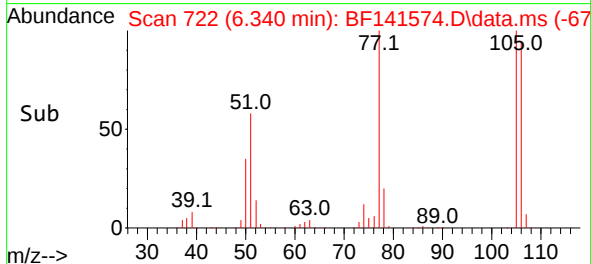
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion: 77 Resp: 19225
Ion Ratio Lower Upper
77 100
105 99.6 79.4 119.4
106 94.0 75.1 115.1

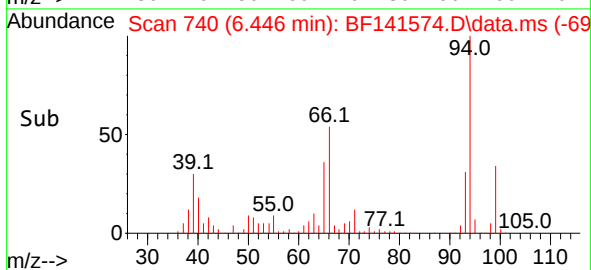
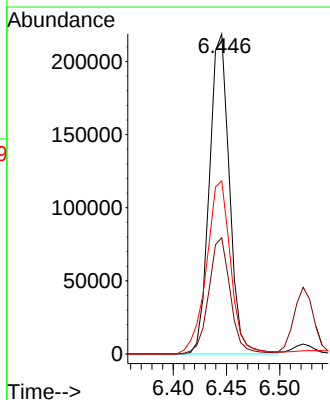
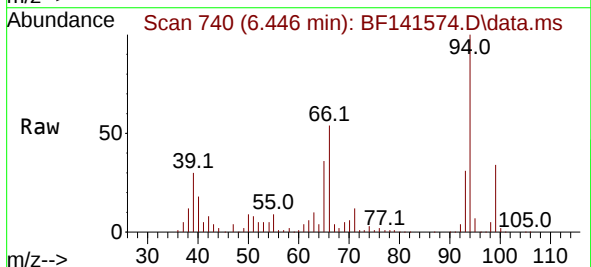
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Supervised By :mohammad ahmed 02/12/2025



#10
Phenol
Concen: 43.767 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

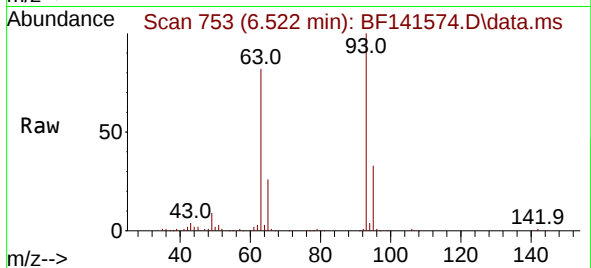
Tgt Ion: 94 Resp: 285296
Ion Ratio Lower Upper
94 100
65 36.3 23.7 63.7
66 54.1 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 47.516 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

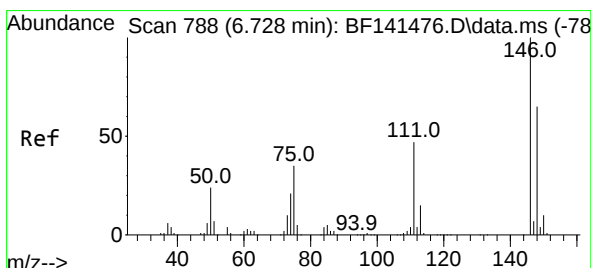
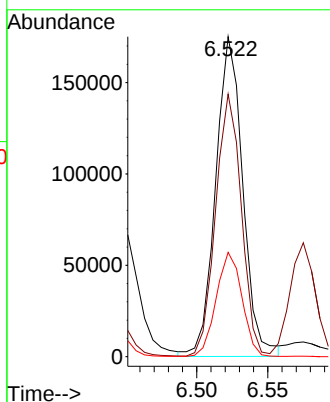
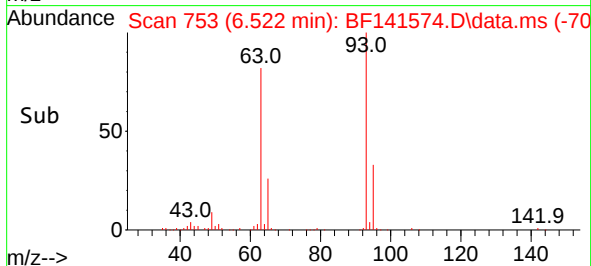
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion: 93 Resp: 232644
Ion Ratio Lower Upper
93 100
63 82.1 62.0 102.0
95 32.6 12.6 52.6

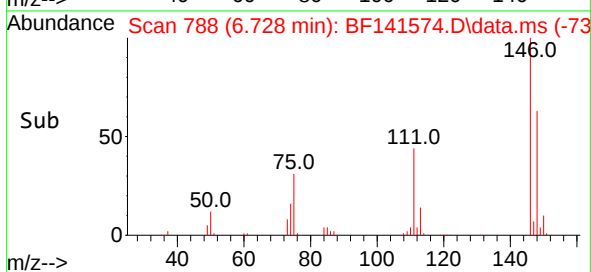
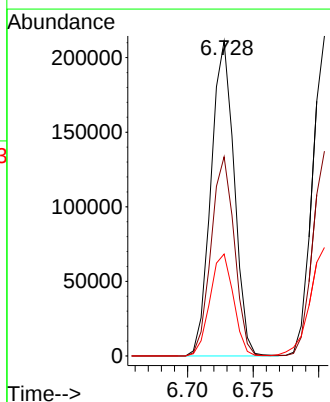
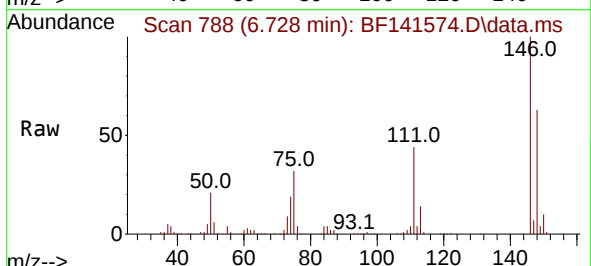
Manual Integrations
APPROVED

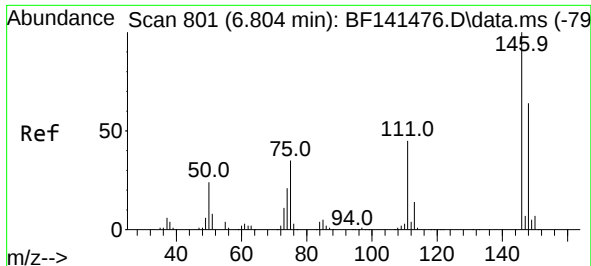
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#12
1,3-Dichlorobenzene
Concen: 45.845 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Tgt Ion:146 Resp: 259144
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
75 32.4 28.2 42.2





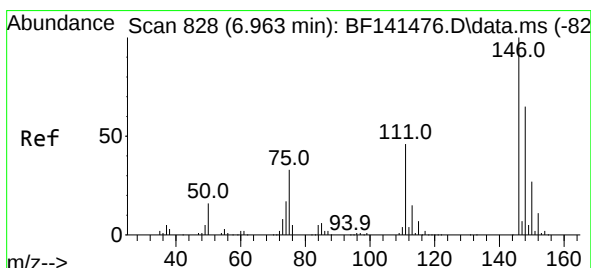
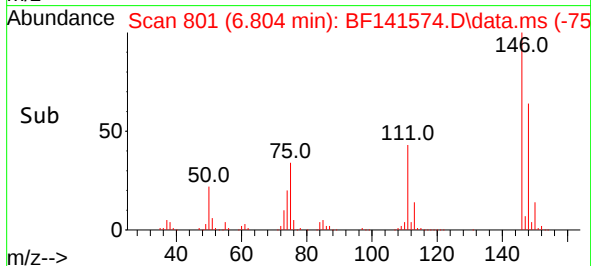
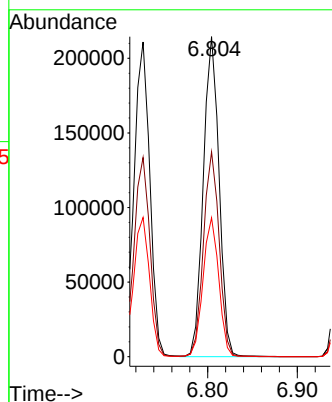
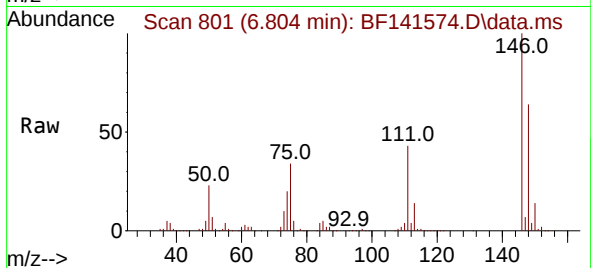
#13
1,4-Dichlorobenzene
Concen: 45.309 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD

Tgt Ion:146 Resp: 261674
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 43.4 35.9 53.9

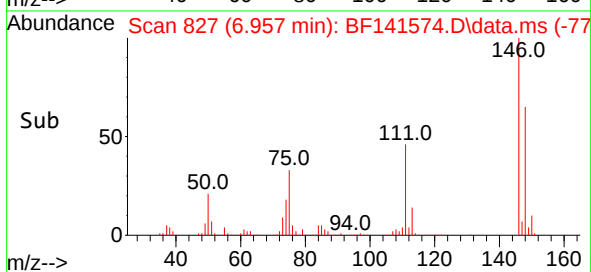
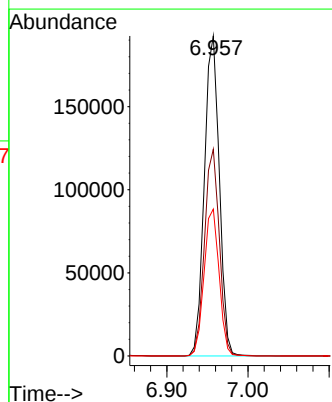
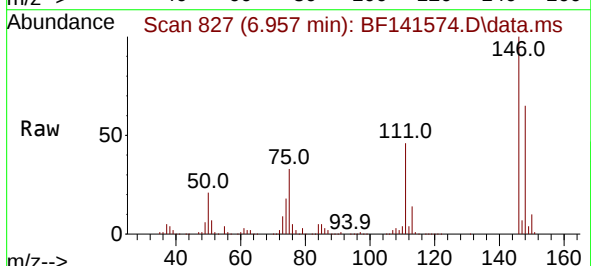
Manual Integrations
APPROVED

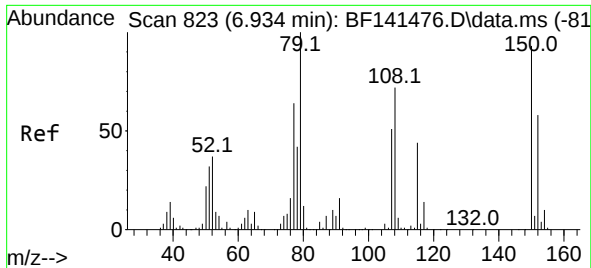
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#14
1,2-Dichlorobenzene
Concen: 45.927 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

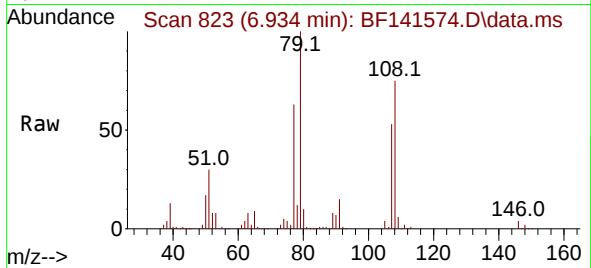
Tgt Ion:146 Resp: 246175
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
111 45.9 37.0 55.4





#15
Benzyl Alcohol
Concen: 42.513 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

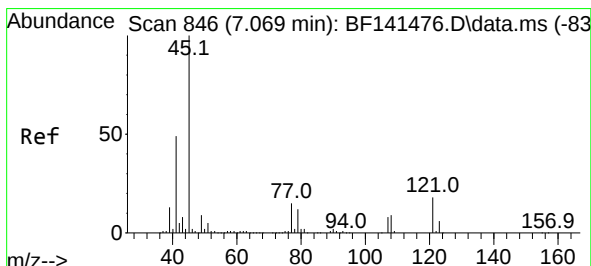
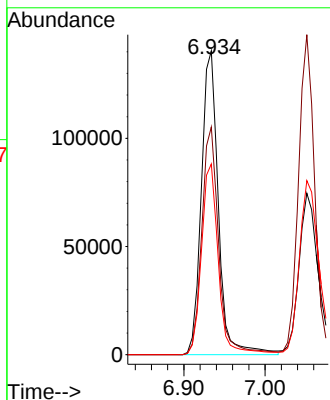
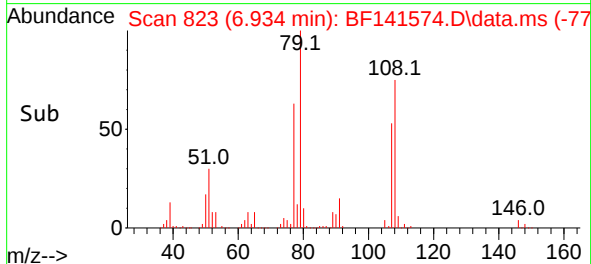
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion: 79 Resp: 204170
Ion Ratio Lower Upper
79 100
108 75.0 57.4 86.2
77 62.8 50.9 76.3

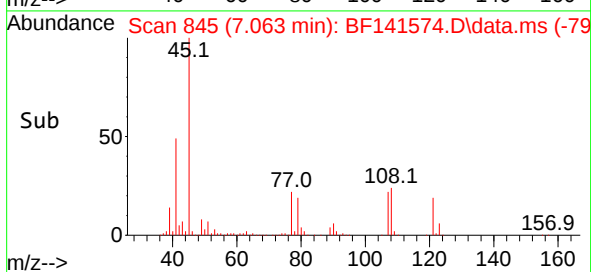
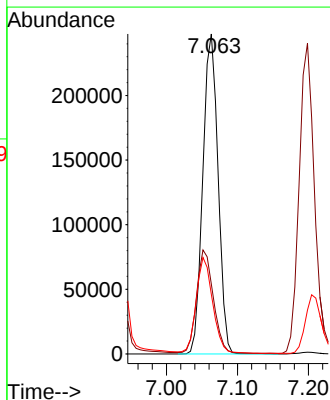
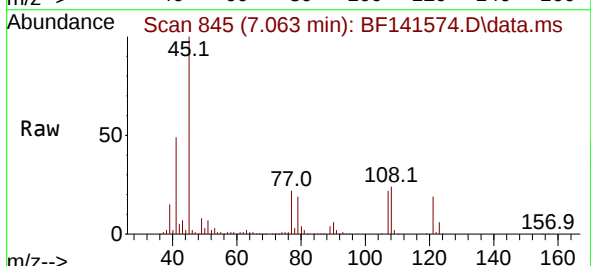
Manual Integrations
APPROVED

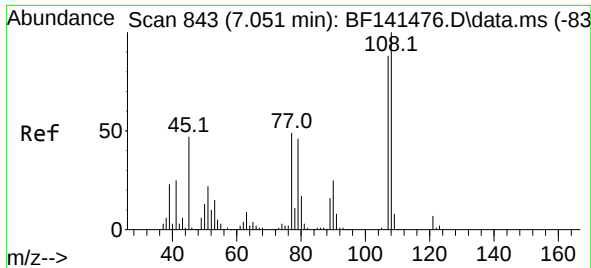
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.041 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

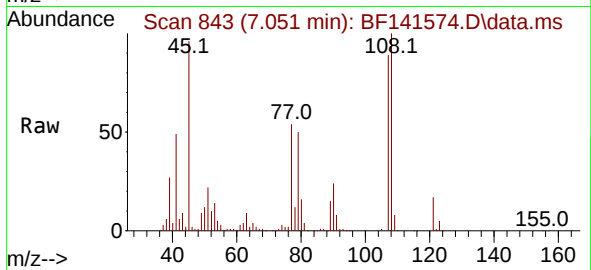
Tgt Ion: 45 Resp: 369115
Ion Ratio Lower Upper
45 100
77 21.9 0.0 35.8
79 18.7 0.0 32.7





#17
2-Methylphenol
Concen: 43.573 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

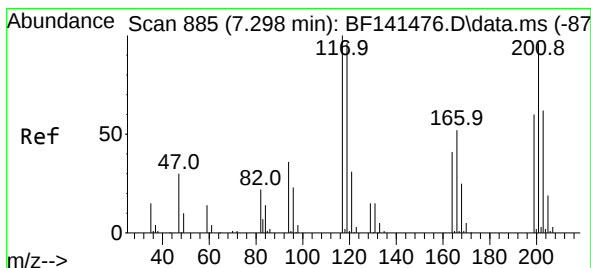
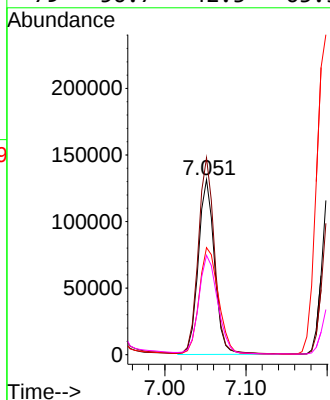
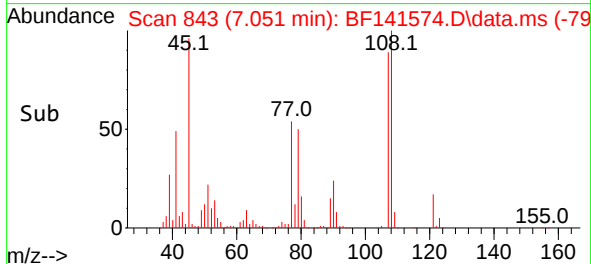
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:107 Resp: 182572
Ion Ratio Lower Upper
107 100
108 112.4 90.6 136.0
77 61.1 44.4 66.6
79 56.7 42.3 63.5

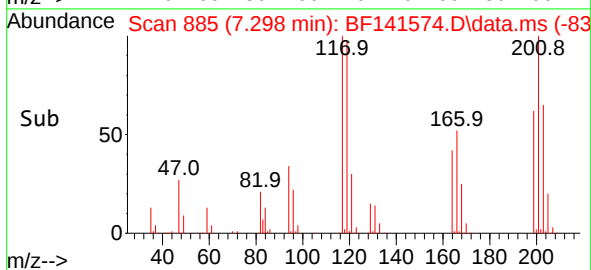
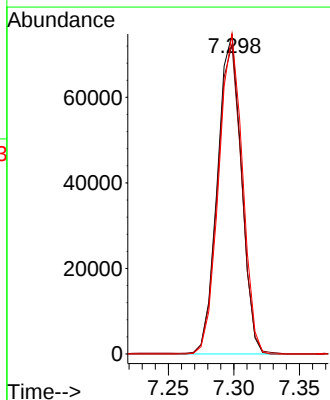
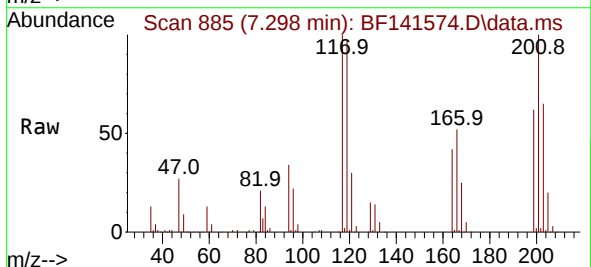
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#18
Hexachloroethane
Concen: 44.143 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

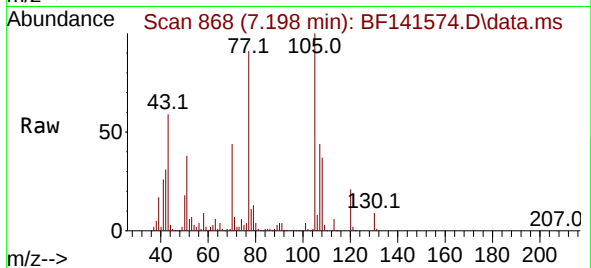
Tgt Ion:117 Resp: 94350
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7
201 100.3 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 44.049 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

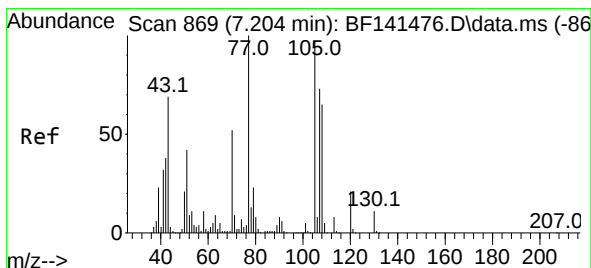
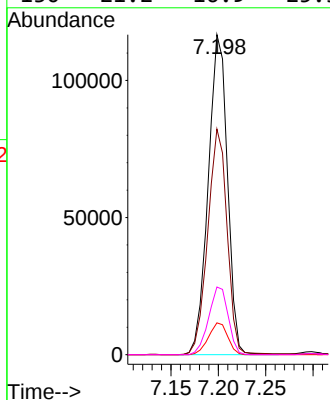
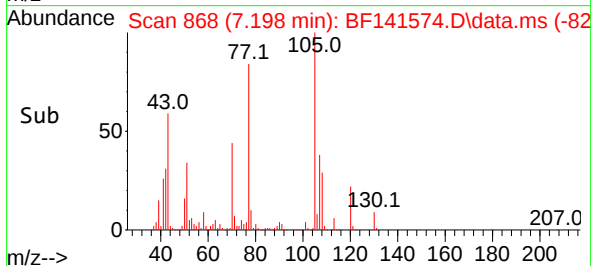
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



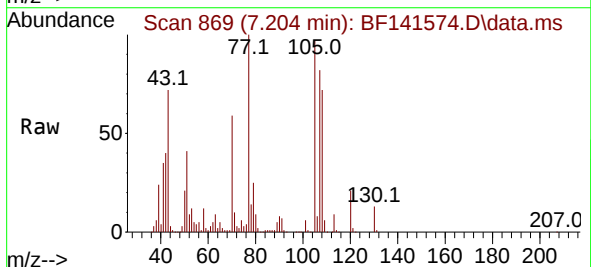
Tgt Ion: 70 Resp: 165010
Ion Ratio Lower Upper
70 100
42 70.5 57.4 86.2
101 10.0 8.0 12.0
130 21.2 16.9 25.3

Manual Integrations
APPROVED

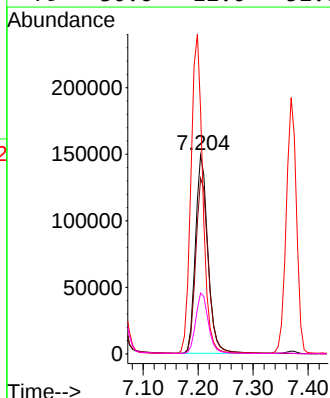
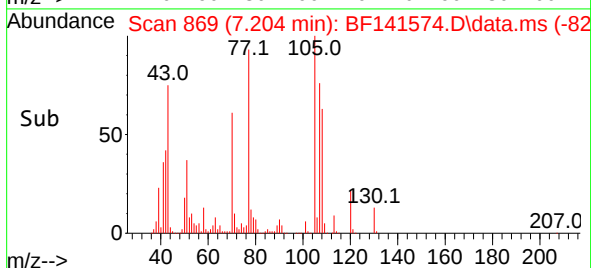
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#20
3+4-Methylphenols
Concen: 43.981 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38



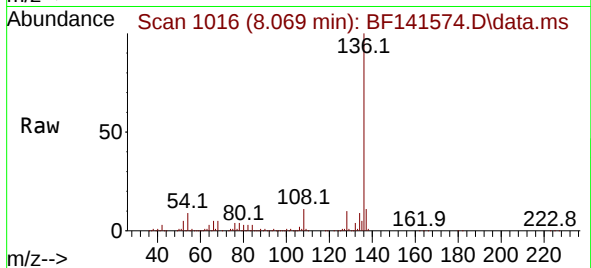
Tgt Ion:107 Resp: 234193
Ion Ratio Lower Upper
107 100
108 88.4 68.5 108.5
77 122.4 116.5 156.5
79 30.6 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

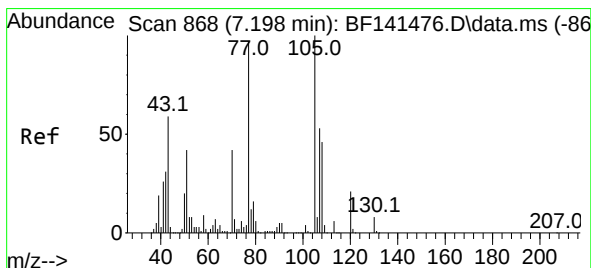
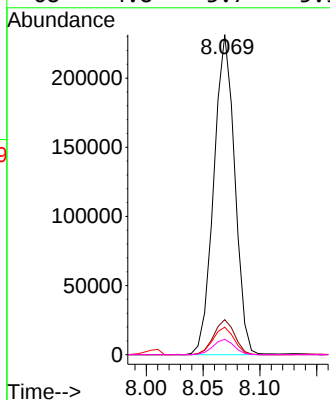
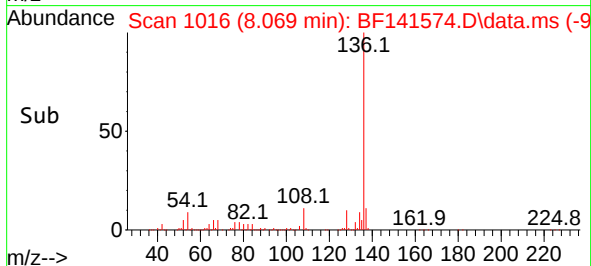
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:136 Resp: 297197
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 7.2 10.8
68 4.8 3.7 5.5

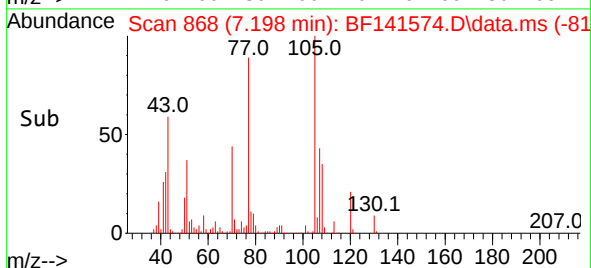
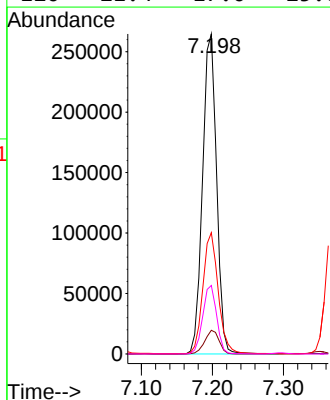
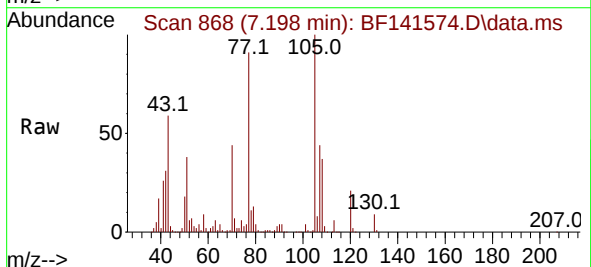
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#22
Acetophenone
Concen: 49.335 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.011 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Tgt Ion:105 Resp: 364730
Ion Ratio Lower Upper
105 100
71 7.4 5.7 8.5
51 37.9 33.7 50.5
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 68.363 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825MSD

Tgt Ion: 82 Resp: 38953

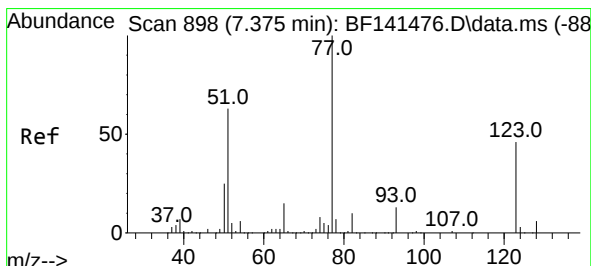
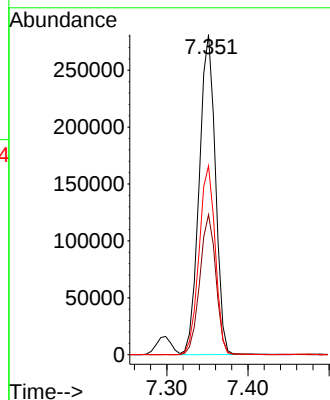
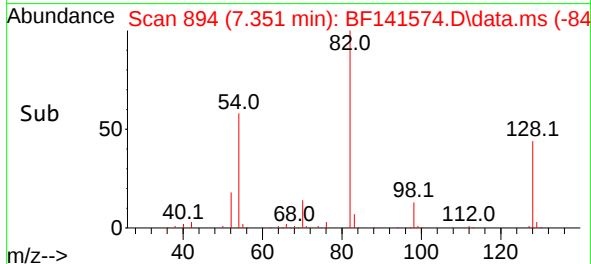
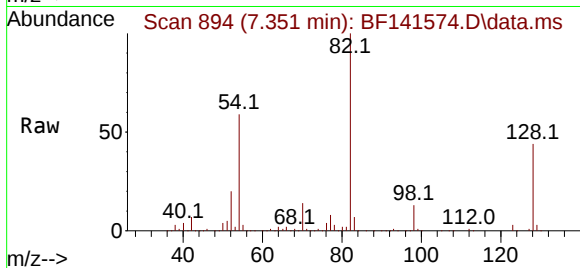
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.8	52.2
54	59.0	48.2	72.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/12/2025

Supervised By :mohammad ahmed 02/12/2025



#24

Nitrobenzene

Concen: 44.426 ng

RT: 7.369 min Scan# 897

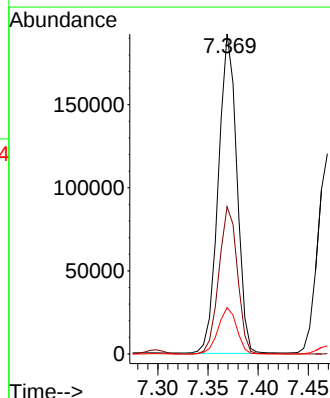
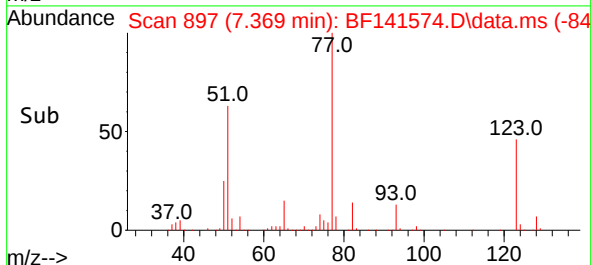
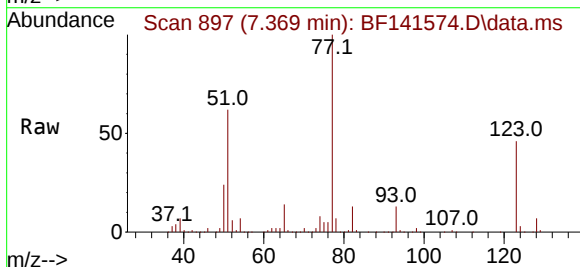
Delta R.T. -0.012 min

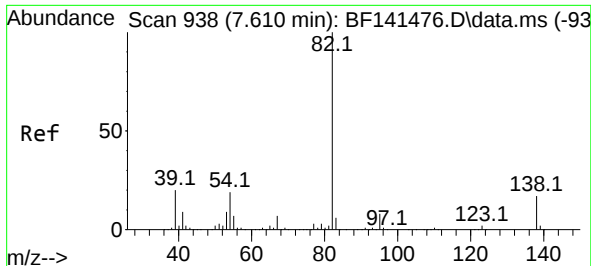
Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

Tgt Ion: 77 Resp: 246843

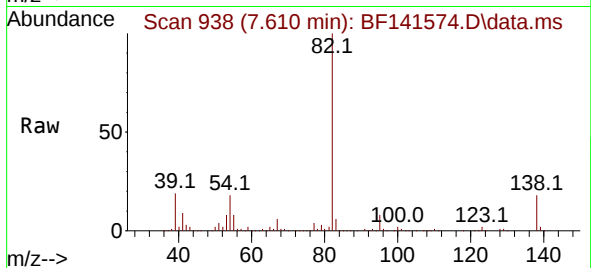
Ion	Ratio	Lower	Upper
77	100		
123	46.0	36.9	55.3
65	14.5	11.9	17.9





#25
Isophorone
Concen: 46.636 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

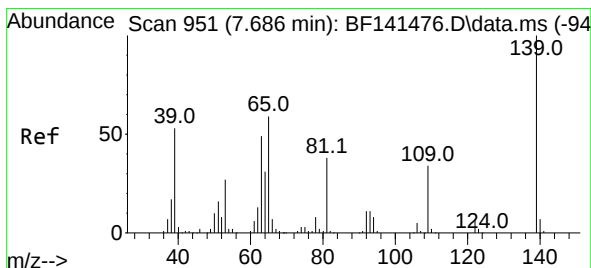
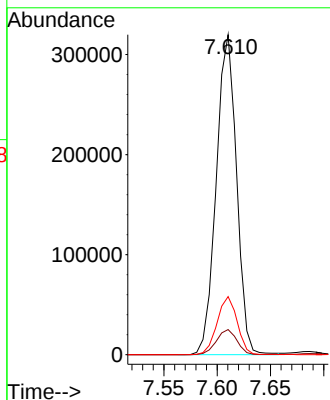
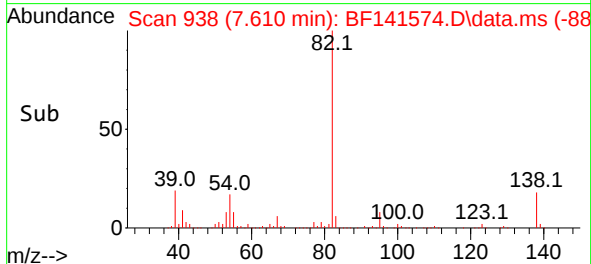
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion: 82 Resp: 423704
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.1 13.9 20.9

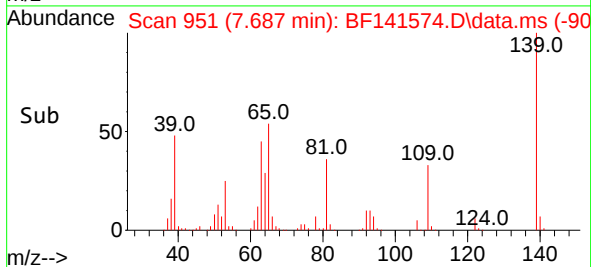
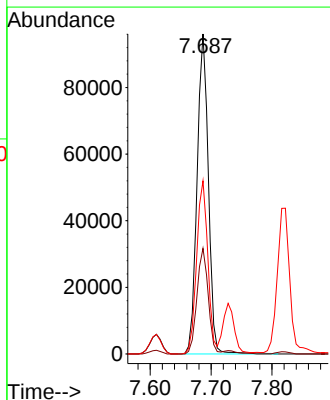
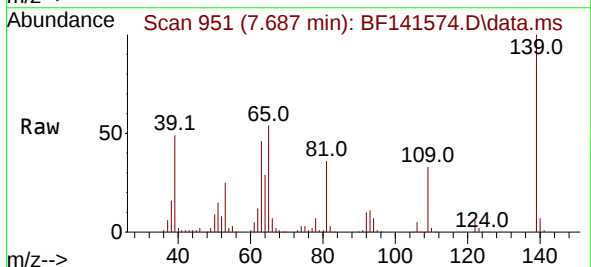
Manual Integrations
APPROVED

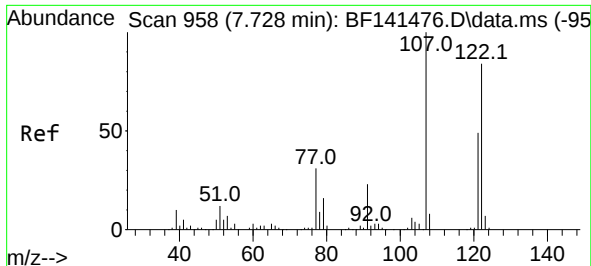
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#26
2-Nitrophenol
Concen: 44.837 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

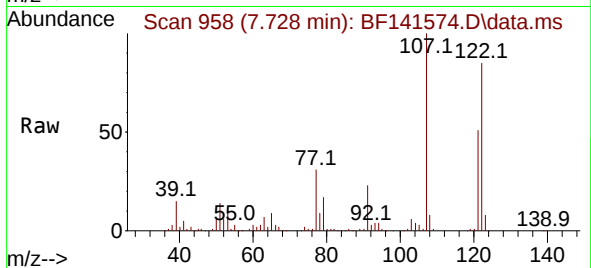
Tgt Ion:139 Resp: 123944
Ion Ratio Lower Upper
139 100
109 33.0 27.0 40.6
65 54.1 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 55.244 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

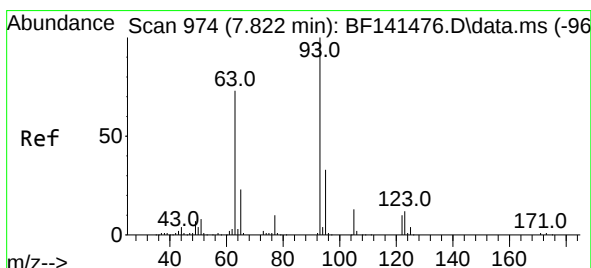
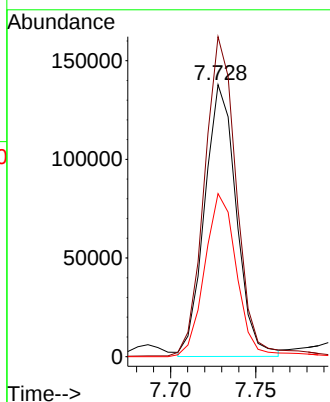
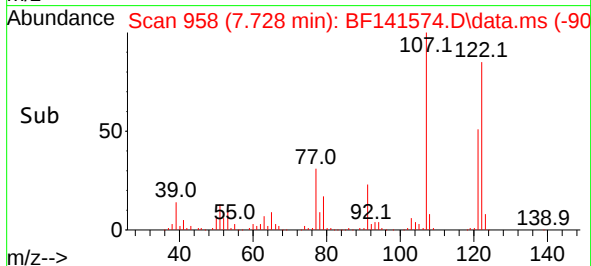
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:122 Resp: 17840
Ion Ratio Lower Upper
122 100
107 117.6 94.3 141.5
121 60.0 46.0 69.0

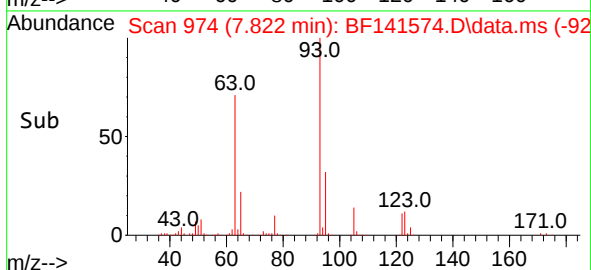
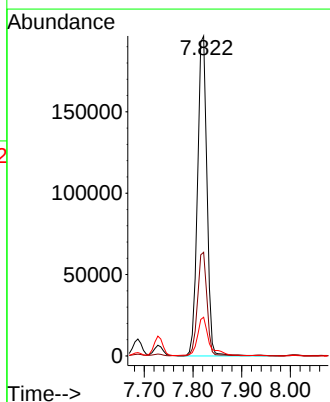
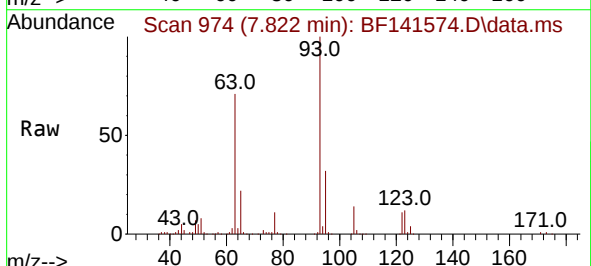
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.820 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Tgt Ion: 93 Resp: 266748
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 12.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.129 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141574.D

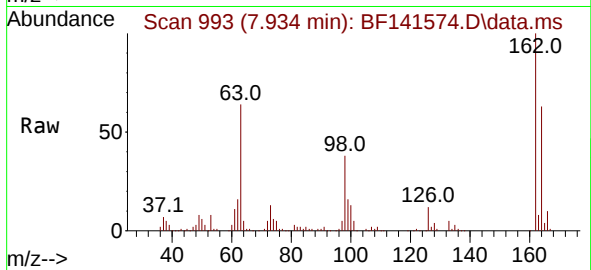
Acq: 11 Feb 2025 20:38

Instrument :

BNA_F

ClientSampleId :

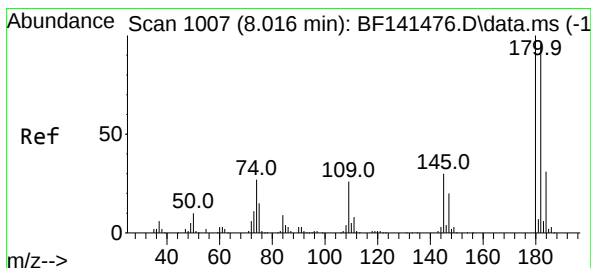
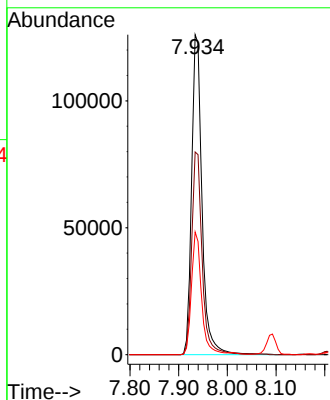
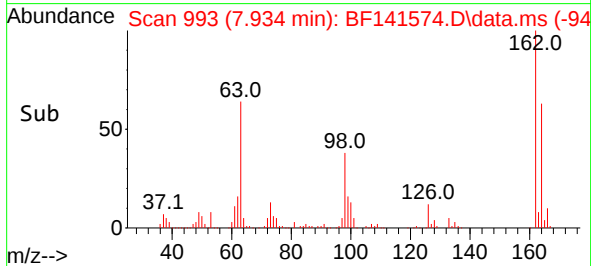
JPP-29.1-012825MSD



Tgt Ion:162	Resp: 18818
Ion Ratio	Lower Upper
162	100
164	63.3 44.6 84.6
98	38.4 17.2 57.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.889 ng

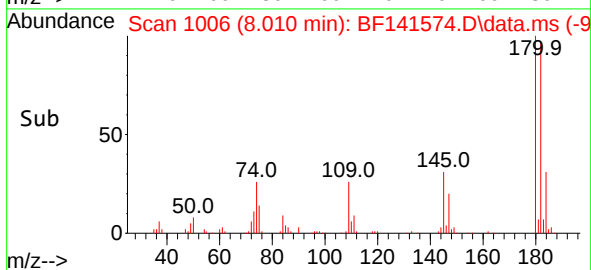
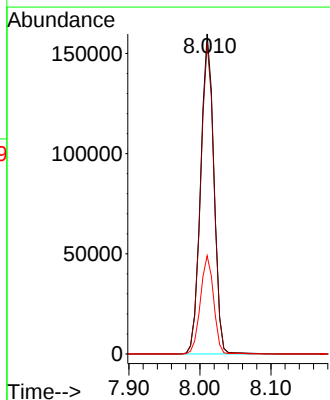
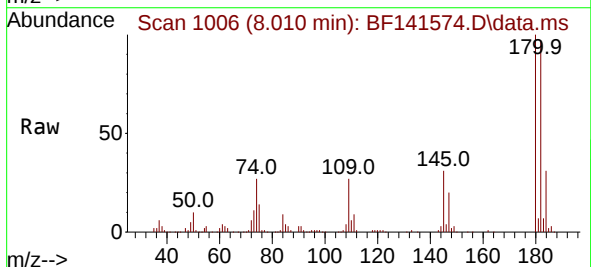
RT: 8.010 min Scan# 1006

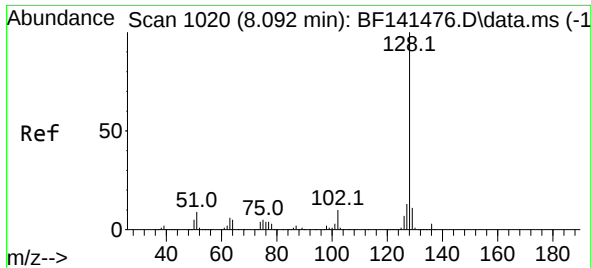
Delta R.T. -0.006 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

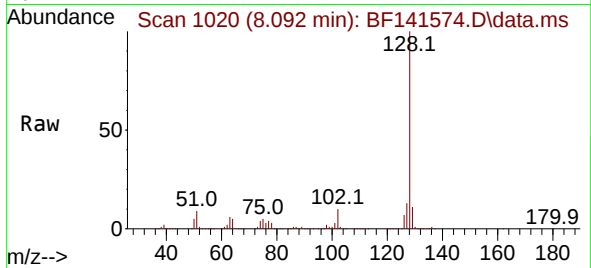
Tgt Ion:180	Resp: 208540
Ion Ratio	Lower Upper
180	100
182	97.2 76.8 115.2
145	30.7 24.2 36.4





#31
Naphthalene
Concen: 44.804 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

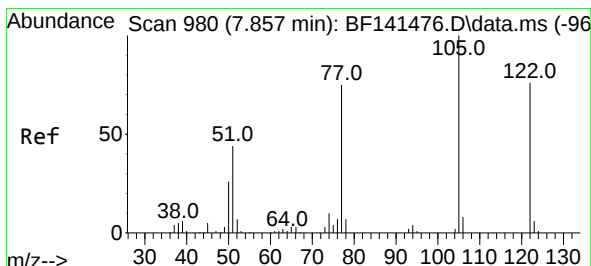
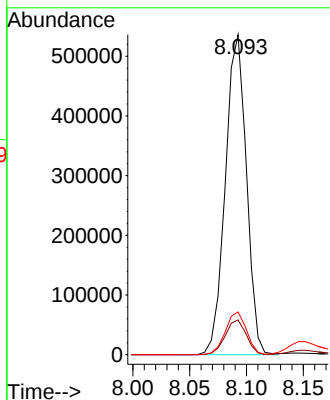
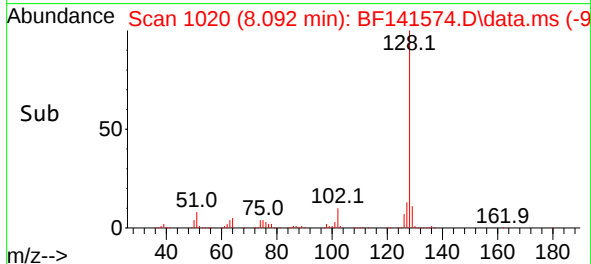
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:128 Resp: 693134
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.7 16.1

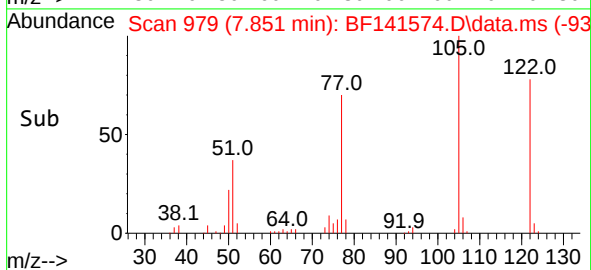
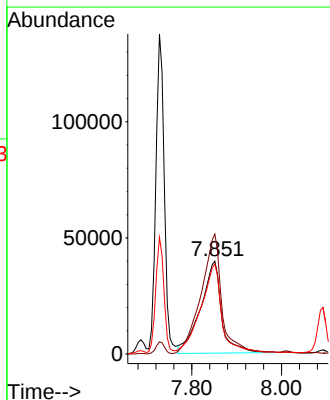
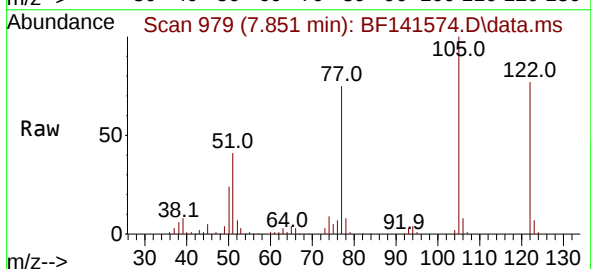
Manual Integrations
APPROVED

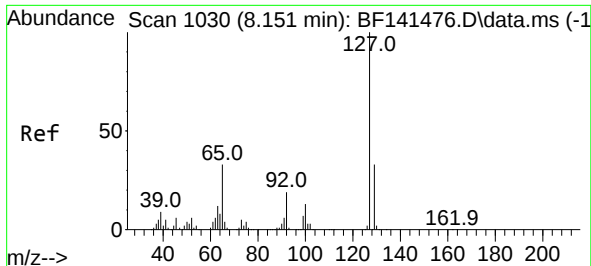
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#32
Benzoic acid
Concen: 38.454 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.041 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

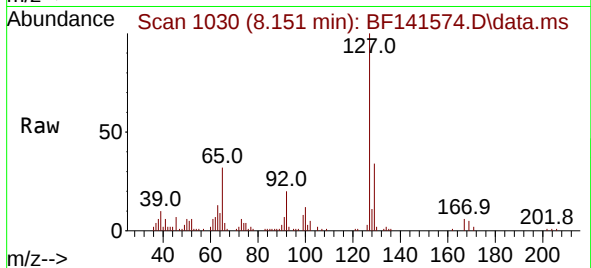
Tgt Ion:122 Resp: 128987
Ion Ratio Lower Upper
122 100
105 129.2 106.5 146.5
77 97.1 76.3 116.3





#33
4-Chloroaniline
Concen: 9.288 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

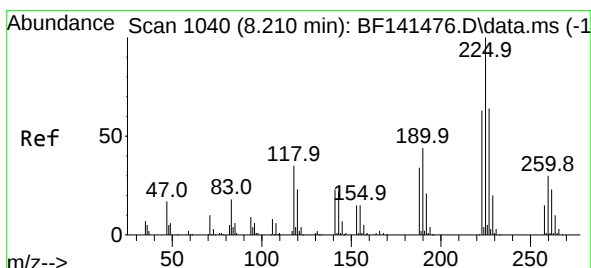
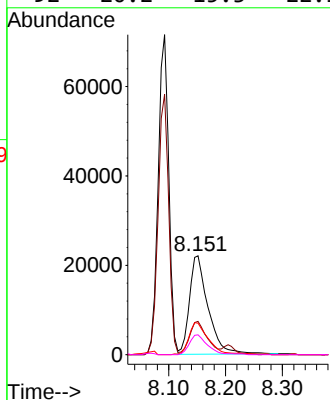
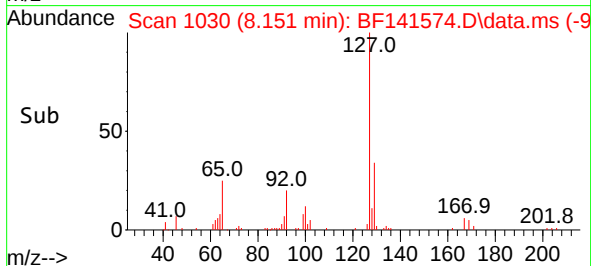
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:	127	Resp:	5016
Ion Ratio	Lower	Upper	
127	100		
129	33.6	26.5	39.7
65	31.9	26.4	39.6
92	20.2	15.3	22.9

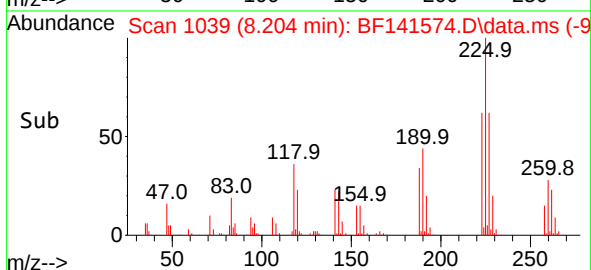
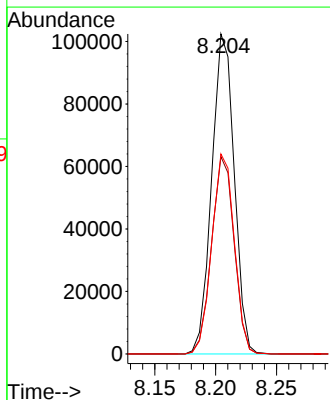
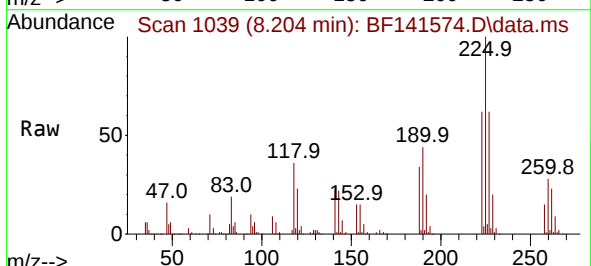
Manual Integrations
APPROVED

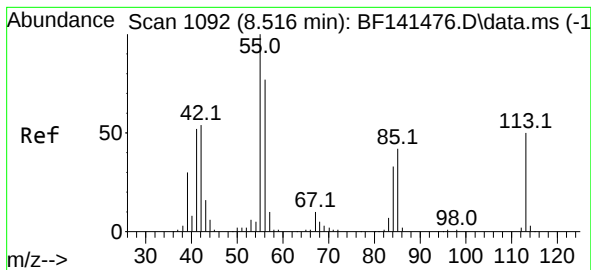
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#34
Hexachlorobutadiene
Concen: 46.238 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

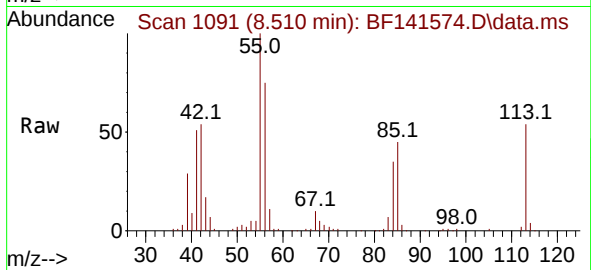
Tgt Ion:	225	Resp:	131893
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.1	75.1
227	62.5	51.0	76.6





#35
Caprolactam
Concen: 48.251 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.035 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

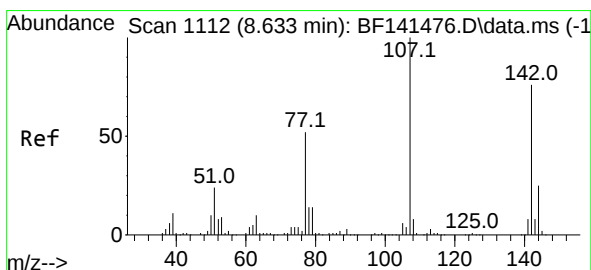
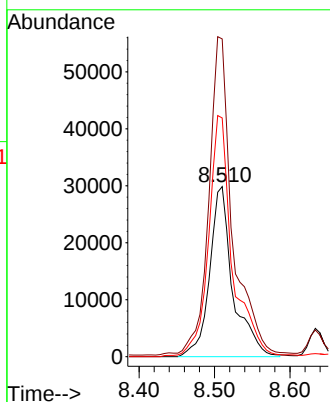
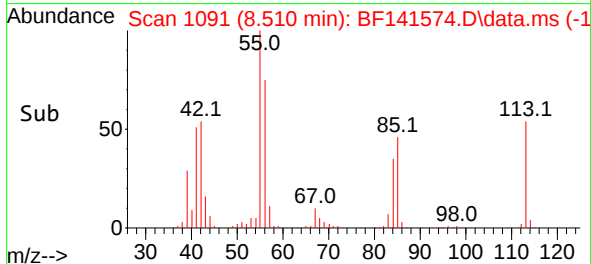
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:113 Resp: 6410
Ion Ratio Lower Upper
113 100
55 186.7 180.8 220.8
56 140.3 133.6 173.6

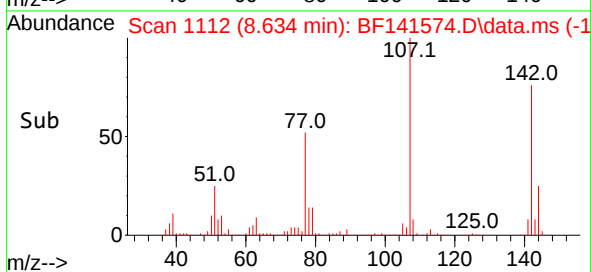
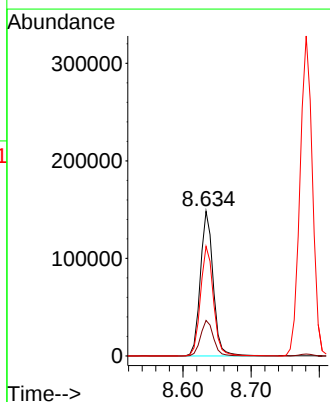
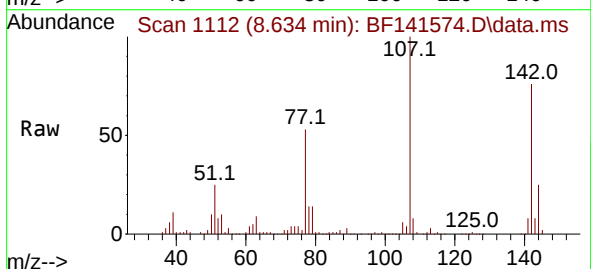
Manual Integrations
APPROVED

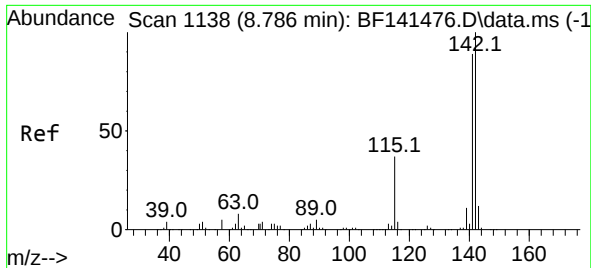
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#36
4-Chloro-3-methylphenol
Concen: 40.225 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

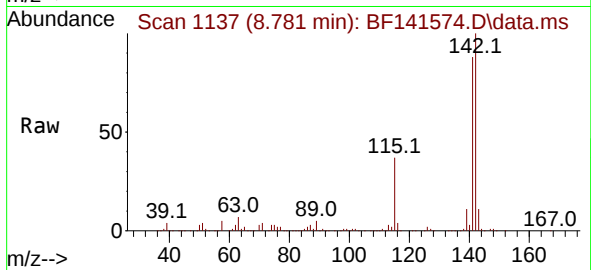
Tgt Ion:107 Resp: 194418
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 75.8 60.8 91.2





#37
2-Methylnaphthalene
Concen: 41.369 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

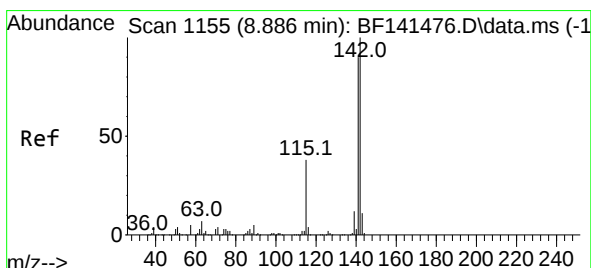
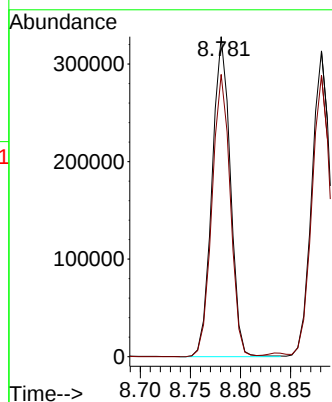
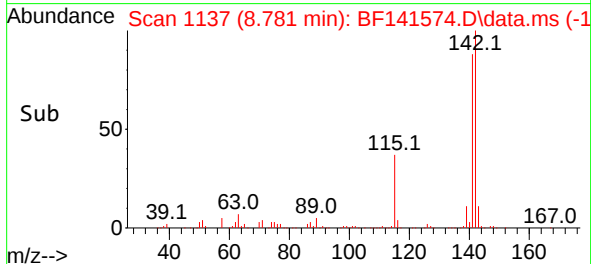
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:142 Resp: 416459
Ion Ratio Lower Upper
142 100
141 88.2 71.2 106.8

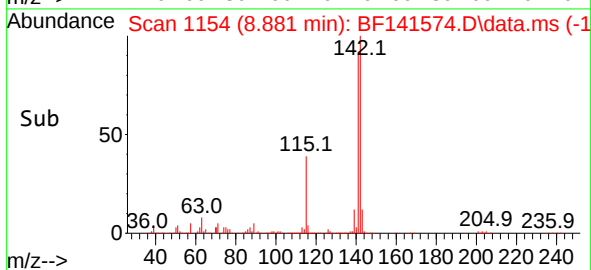
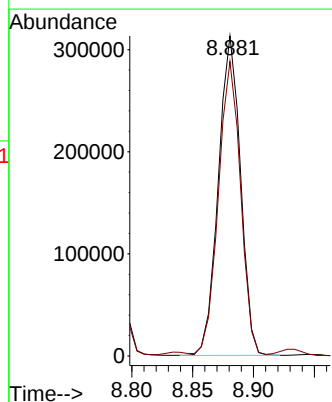
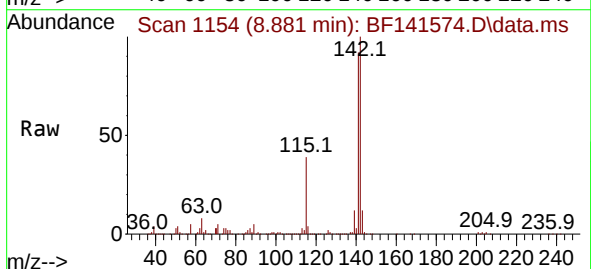
Manual Integrations
APPROVED

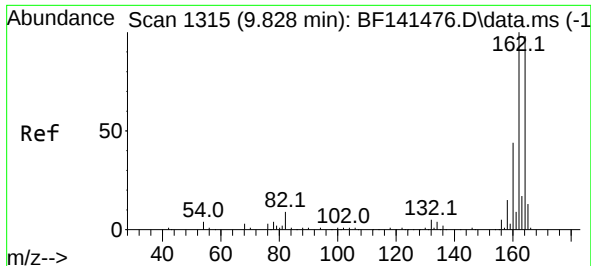
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#38
1-Methylnaphthalene
Concen: 40.605 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

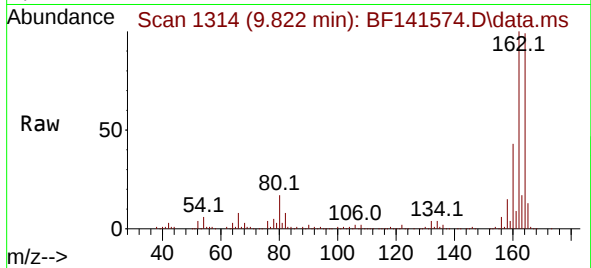
Tgt Ion:142 Resp: 395909
Ion Ratio Lower Upper
142 100
141 92.1 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

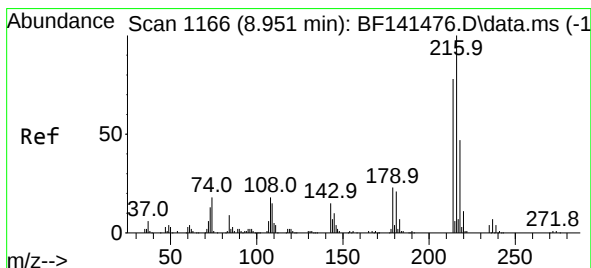
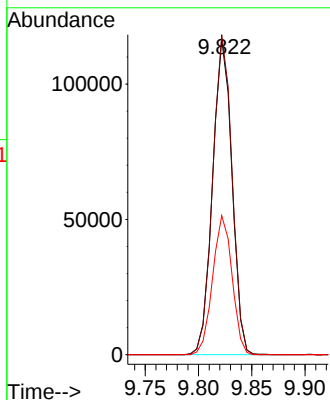
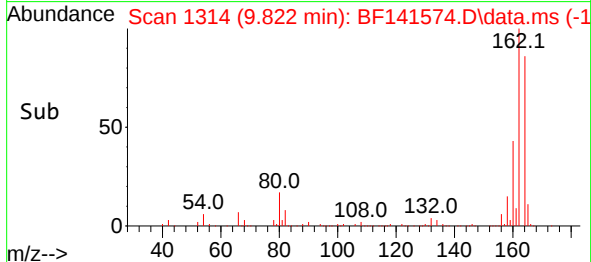
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:164 Resp: 147170
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 44.1 35.9 53.9

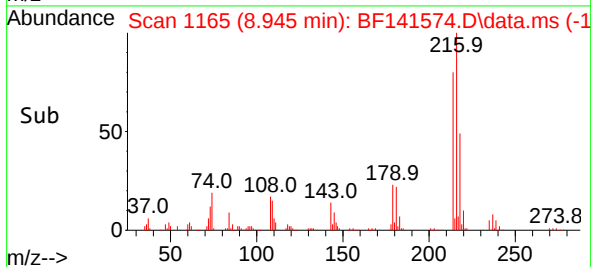
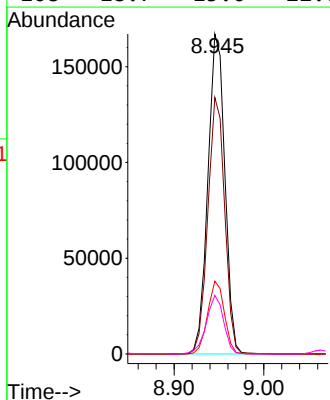
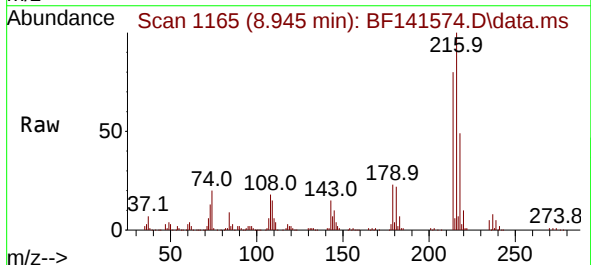
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.485 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

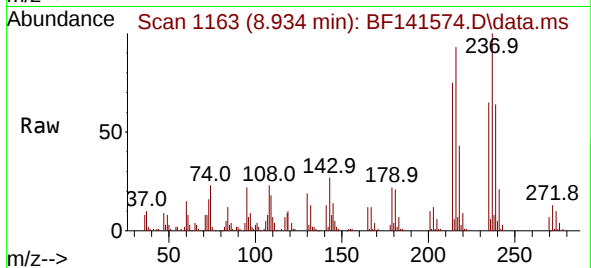
Tgt Ion:216 Resp: 219213
Ion Ratio Lower Upper
216 100
214 79.7 62.3 93.5
179 22.4 18.0 27.0
108 18.7 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 47.146 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

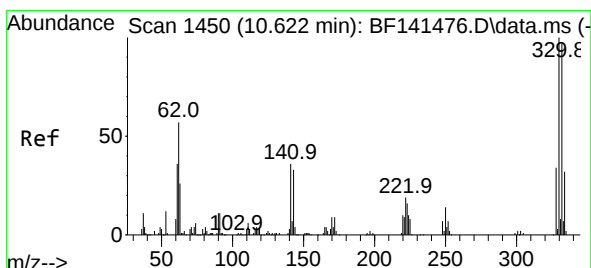
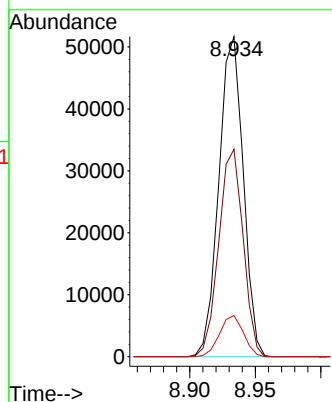
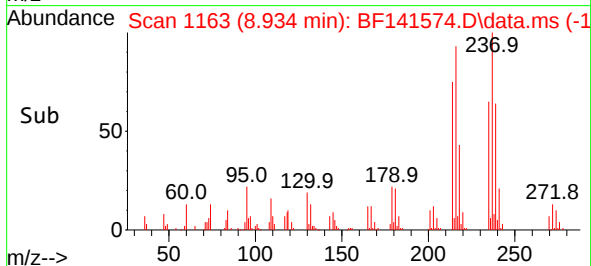
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



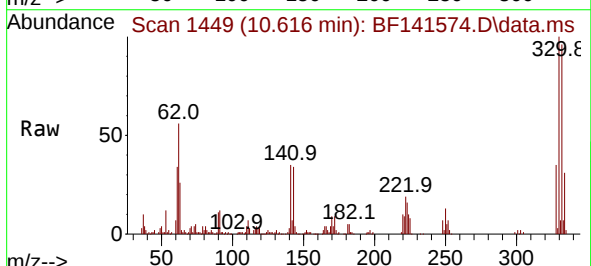
Tgt Ion:237 Resp: 6676
Ion Ratio Lower Upper
237 100
235 64.8 41.4 81.4
272 12.9 0.0 32.4

Manual Integrations
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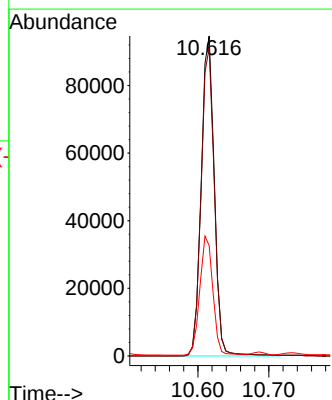
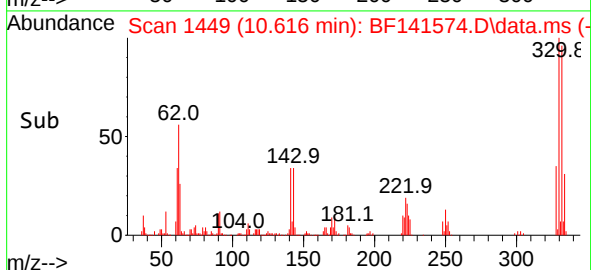
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#42
2,4,6-Tribromophenol
Concen: 82.164 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38



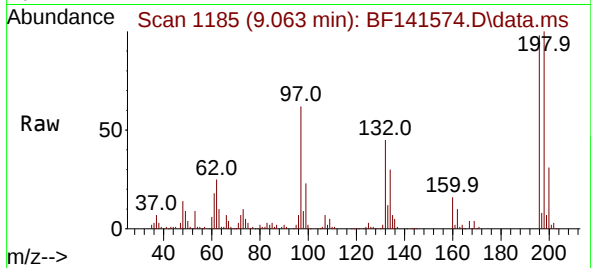
Tgt Ion:330 Resp: 121471
Ion Ratio Lower Upper
330 100
332 97.1 78.5 117.7
141 37.3 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 45.141 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

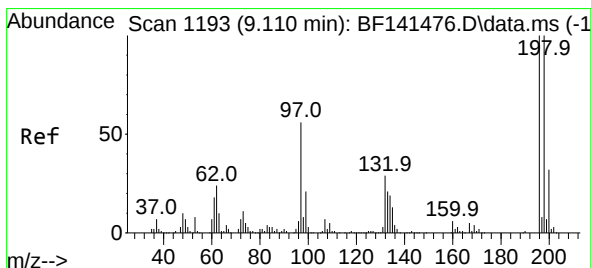
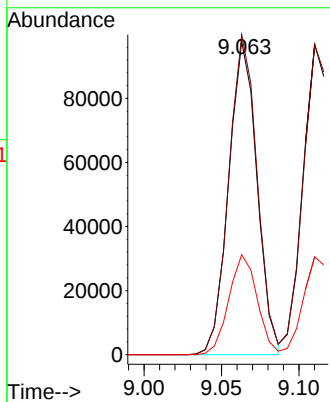
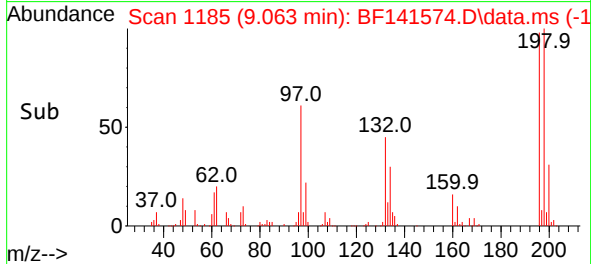
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:196 Resp: 12422
Ion Ratio Lower Upper
196 100
198 102.2 80.6 121.0
200 32.0 25.5 38.3

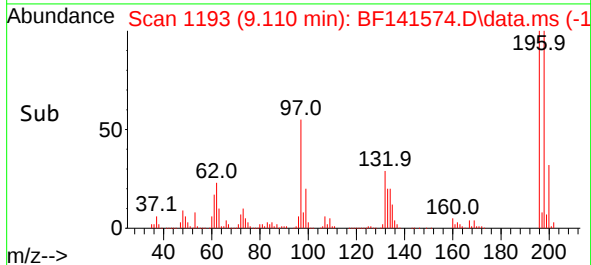
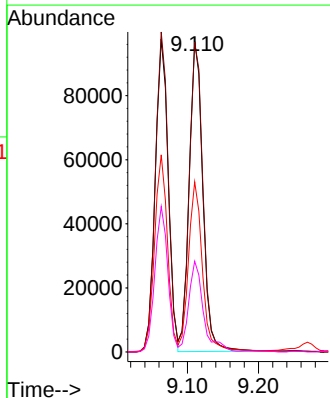
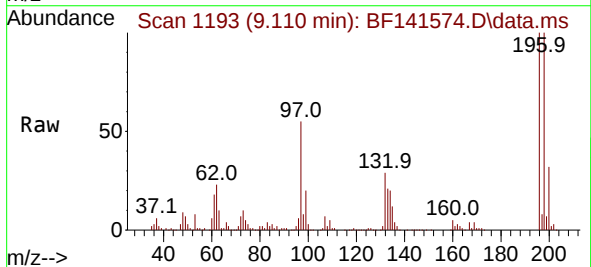
Manual Integrations
APPROVED

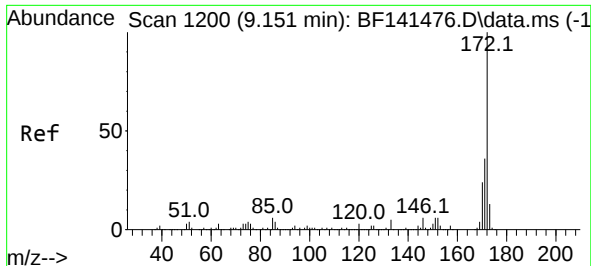
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#44
2,4,5-Trichlorophenol
Concen: 43.489 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

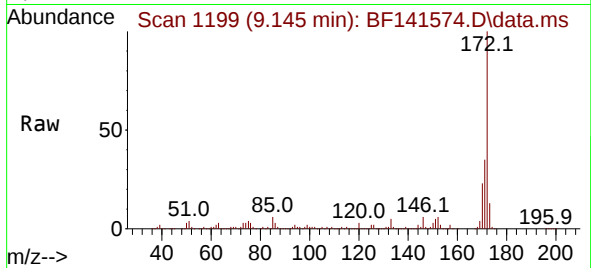
Tgt Ion:196 Resp: 129702
Ion Ratio Lower Upper
196 100
198 99.7 79.8 119.8
97 54.7 44.8 67.2
132 29.2 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 70.557 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

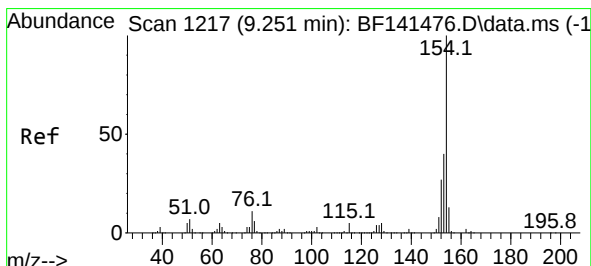
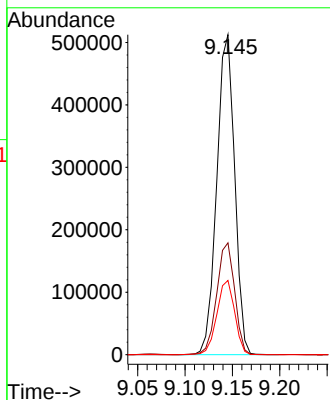
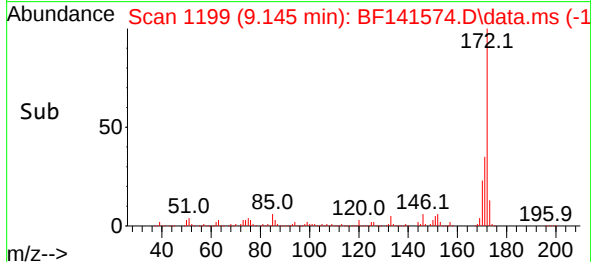
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



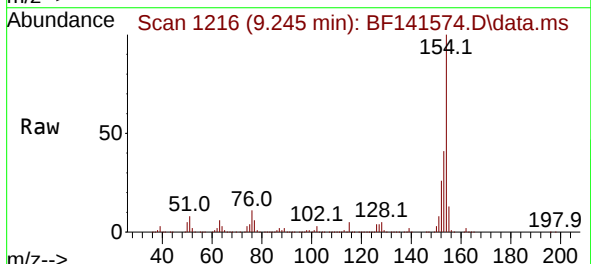
Tgt Ion:172 Resp: 674000
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.2 18.9 28.3

Manual Integrations
APPROVED

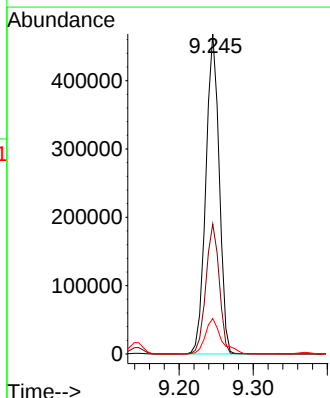
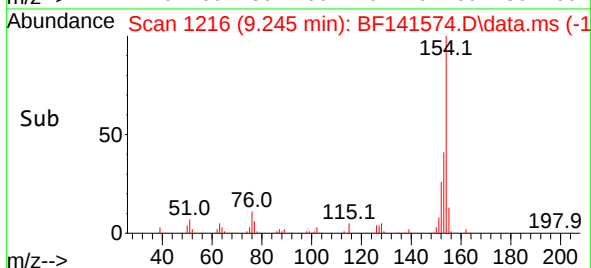
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#46
1,1'-Biphenyl
Concen: 51.413 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38



Tgt Ion:154 Resp: 586614
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.792 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825MSD

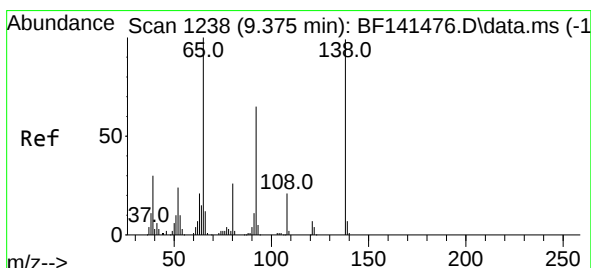
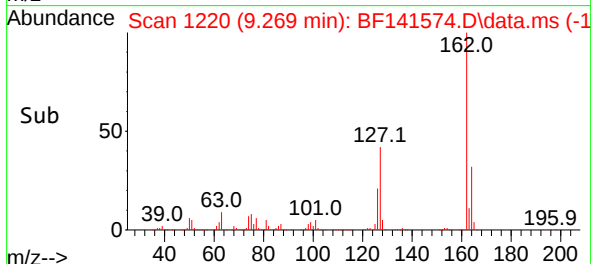
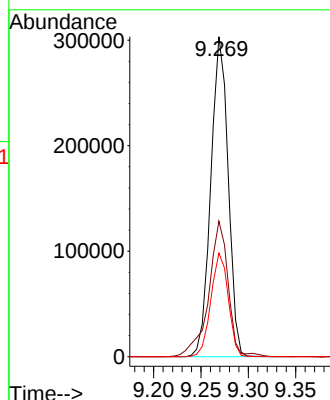
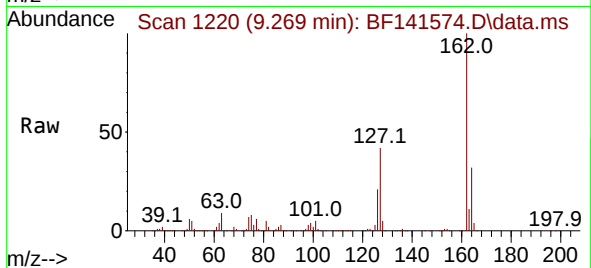
Tgt Ion:162 Resp: 38635
 Ion Ratio Lower Upper
 162 100
 127 42.3 34.1 51.1
 164 32.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/12/2025

Supervised By :mohammad ahmed 02/12/2025



#48

2-Nitroaniline

Concen: 44.362 ng

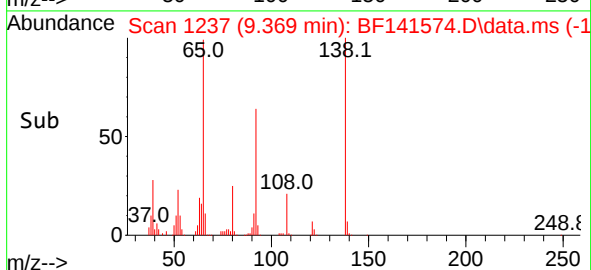
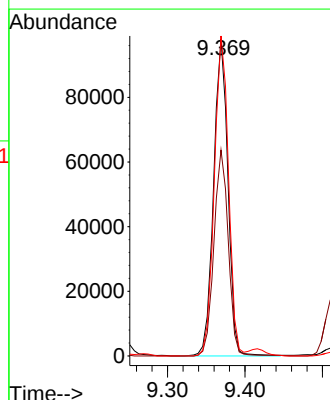
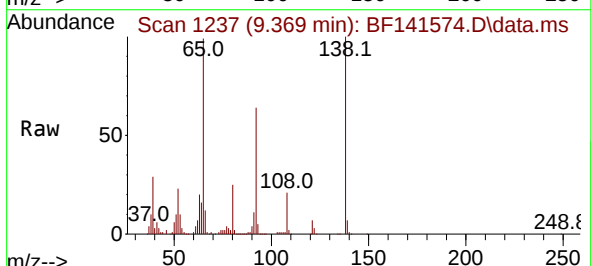
RT: 9.369 min Scan# 1237

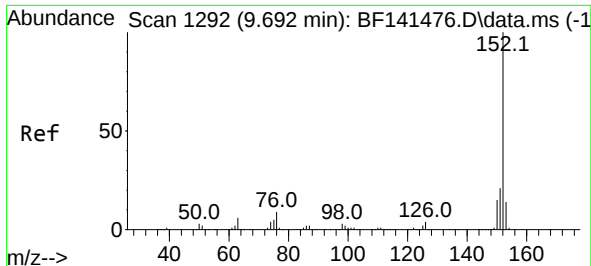
Delta R.T. -0.012 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

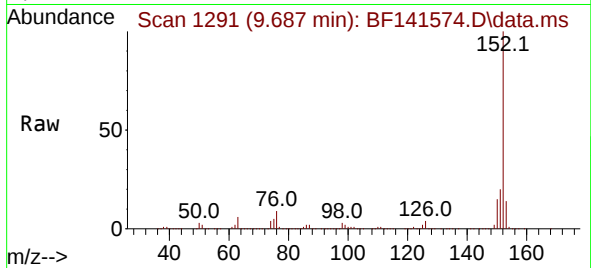
Tgt Ion: 65 Resp: 125612
 Ion Ratio Lower Upper
 65 100
 92 65.0 52.2 78.2
 138 101.0 79.5 119.3





#49
Acenaphthylene
Concen: 45.452 ng
RT: 9.687 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

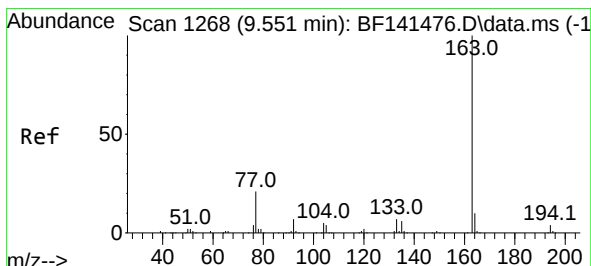
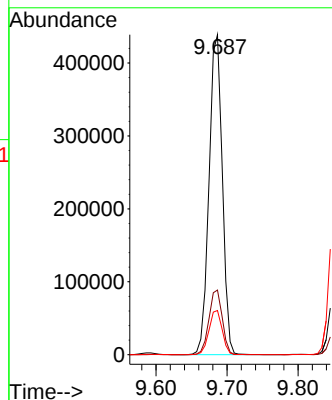
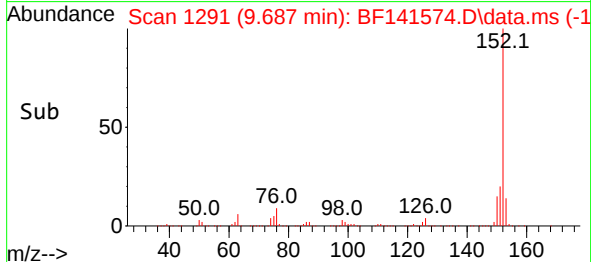
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



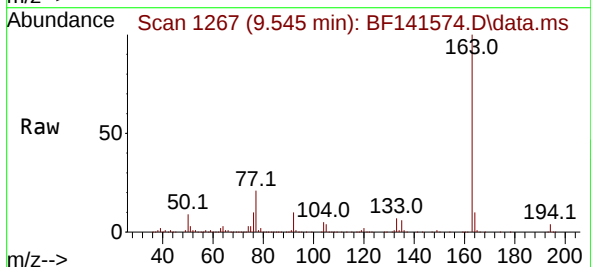
Tgt Ion:152 Resp: 57040
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.8 10.9 16.3

Manual Integrations
APPROVED

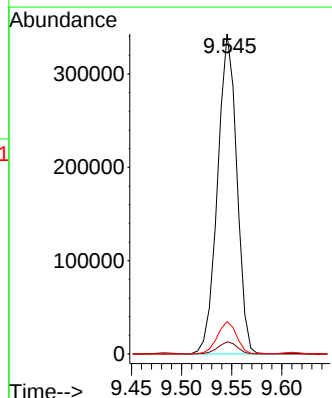
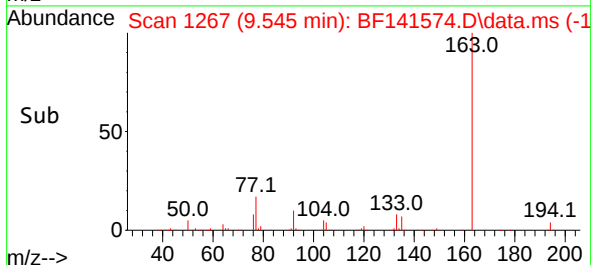
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

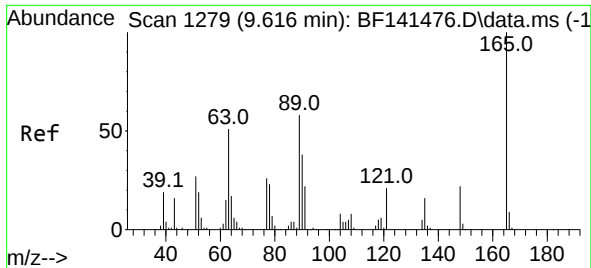


#50
Dimethylphthalate
Concen: 45.730 ng
RT: 9.545 min Scan# 1267
Delta R.T. -0.017 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38



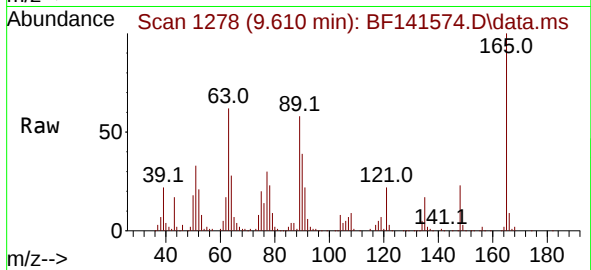
Tgt Ion:163 Resp: 456888
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.621 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

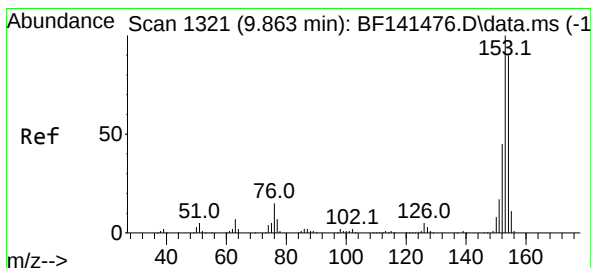
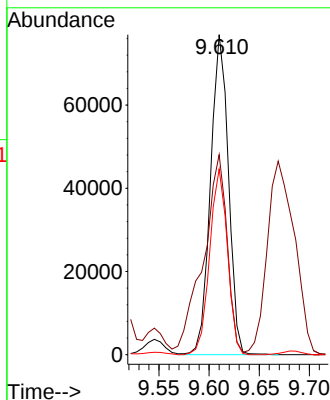
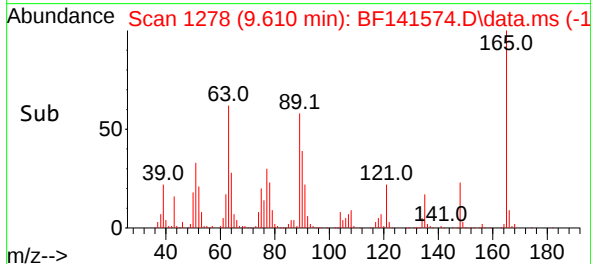
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:165 Resp: 95272
Ion Ratio Lower Upper
165 100
63 62.5 49.4 74.0
89 58.0 46.5 69.7

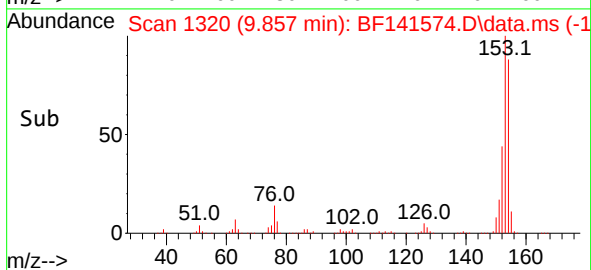
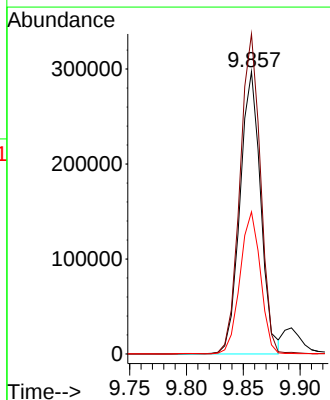
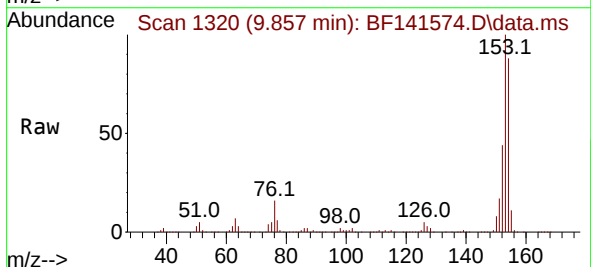
Manual Integrations
APPROVED

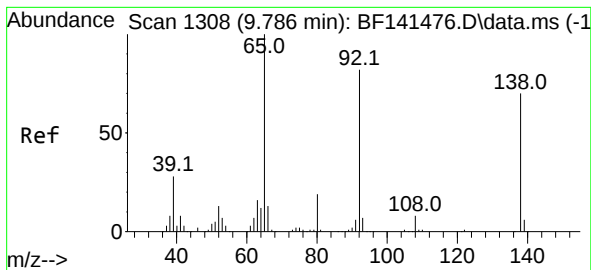
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#52
Acenaphthene
Concen: 44.607 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.011 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Tgt Ion:154 Resp: 376338
Ion Ratio Lower Upper
154 100
153 113.4 89.2 133.8
152 50.4 39.8 59.8





#53

3-Nitroaniline

Concen: 21.363 ng

RT: 9.781 min Scan# 1307

Delta R.T. -0.011 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825MSD

Tgt Ion:138 Resp: 50219

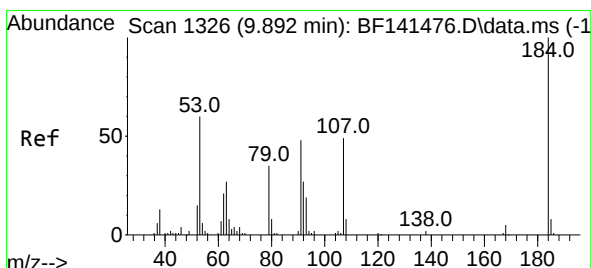
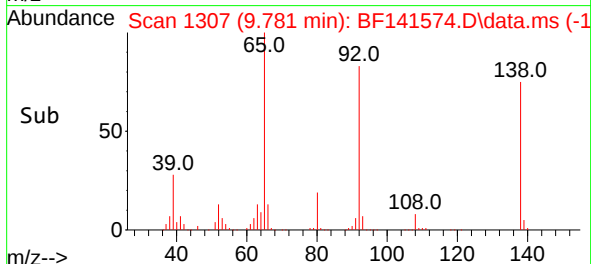
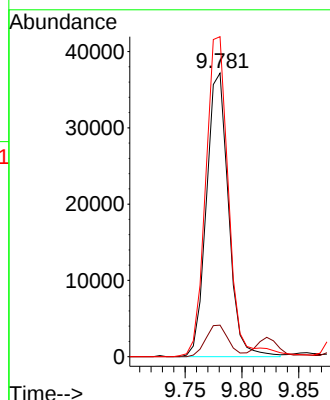
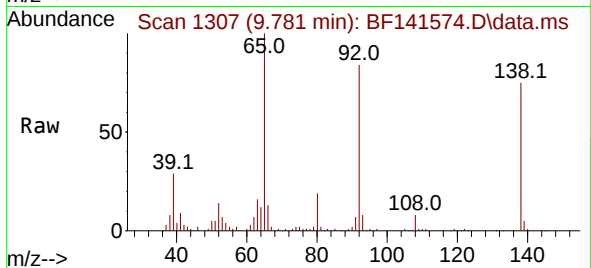
Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	112.8	93.7	140.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/12/2025

Supervised By :mohammad ahmed 02/12/2025



#54

2,4-Dinitrophenol

Concen: 43.616 ng

RT: 9.892 min Scan# 1326

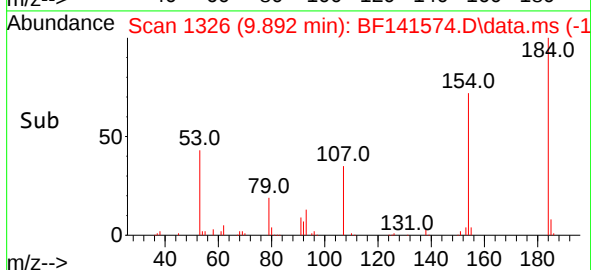
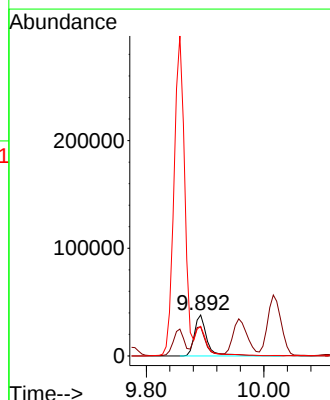
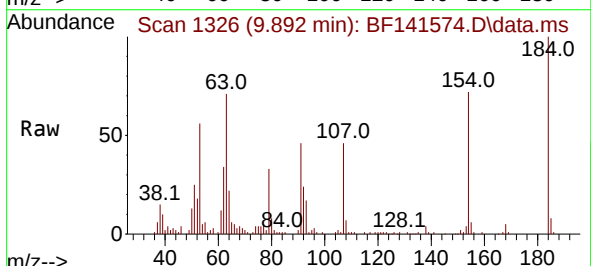
Delta R.T. -0.012 min

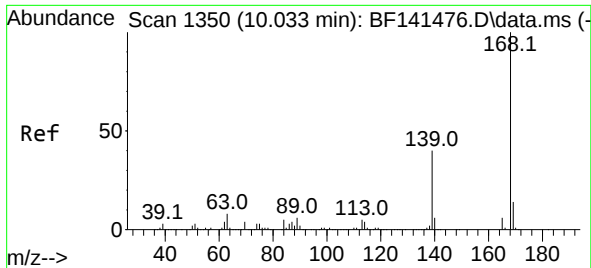
Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

Tgt Ion:184 Resp: 56617

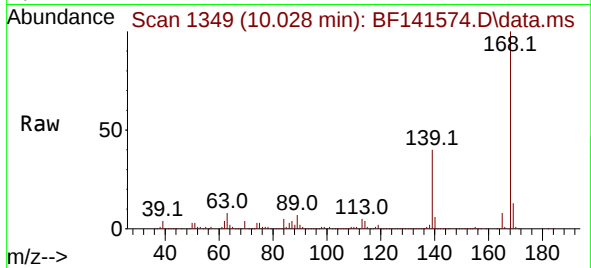
Ion	Ratio	Lower	Upper
184	100		
63	70.9	61.0	91.6
154	72.0	59.9	89.9





#55
Dibenzenofuran
Concen: 42.589 ng
RT: 10.028 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

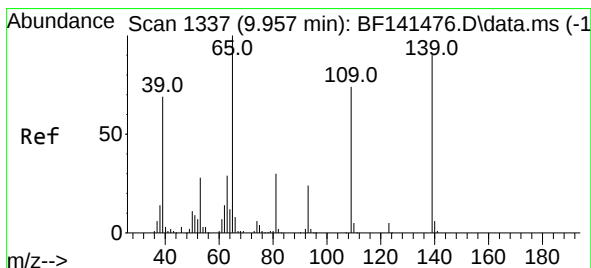
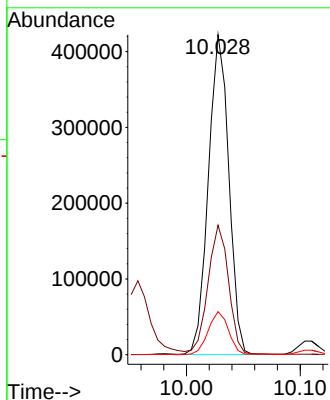
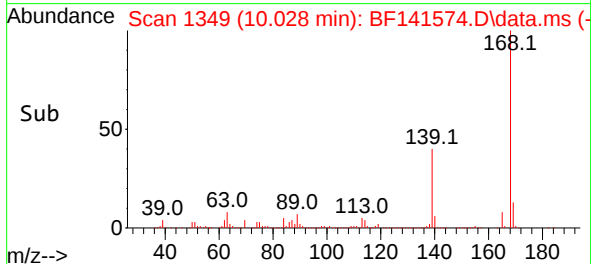
Instrument : BNA_F
ClientSampleId : JPP-29.1-012825MSD



Tgt Ion:168 Resp: 527415
Ion Ratio Lower Upper
168 100
139 40.4 32.7 49.1
169 13.5 10.8 16.2

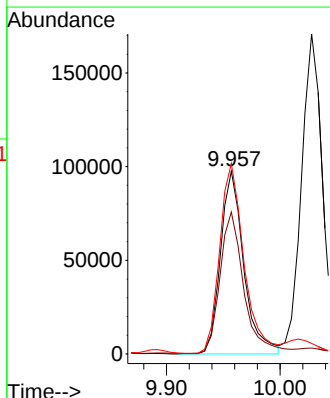
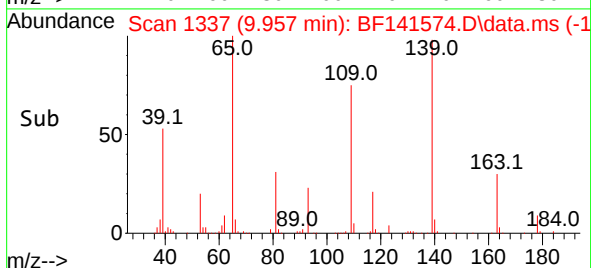
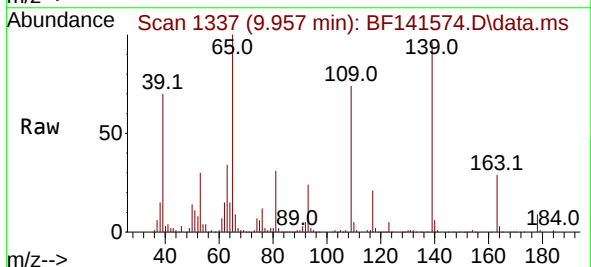
Manual Integrations
APPROVED

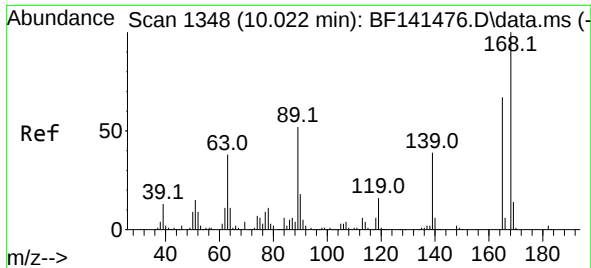
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#56
4-Nitrophenol
Concen: 79.747 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

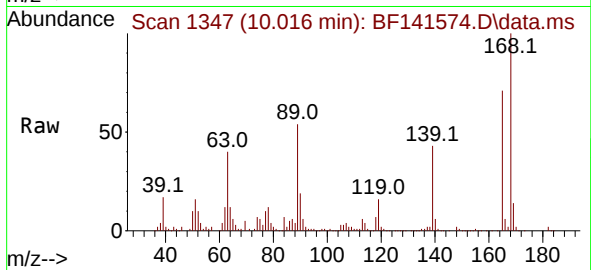
Tgt Ion:139 Resp: 139161
Ion Ratio Lower Upper
139 100
109 77.6 62.0 102.0
65 104.3 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 43.365 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

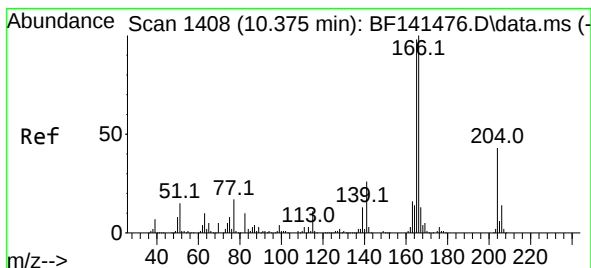
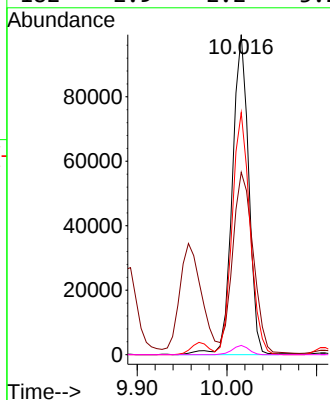
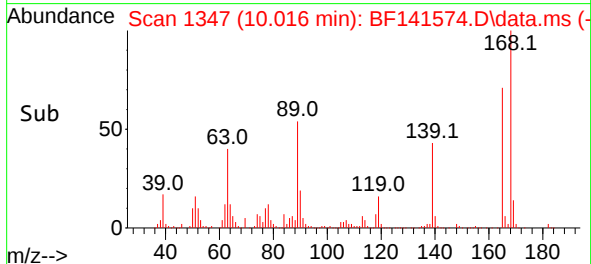
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



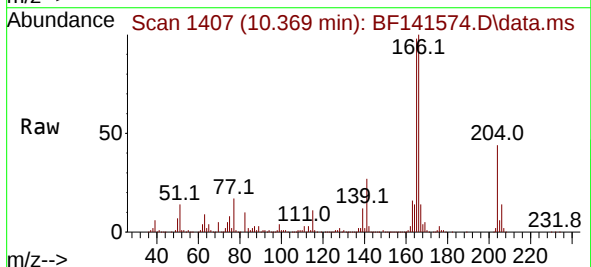
Tgt Ion:165 Resp: 126080
Ion Ratio Lower Upper
165 100
63 57.0 46.4 69.6
89 75.6 61.8 92.6
182 2.9 2.2 3.2

Manual Integrations
APPROVED

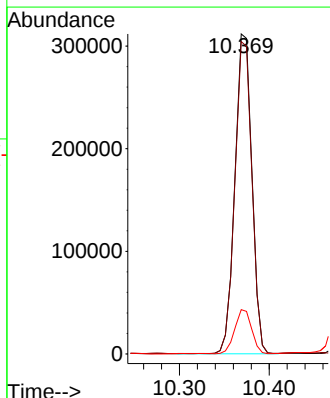
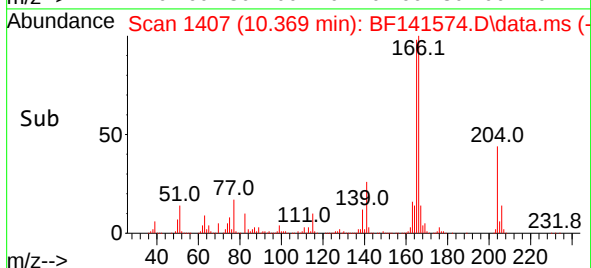
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

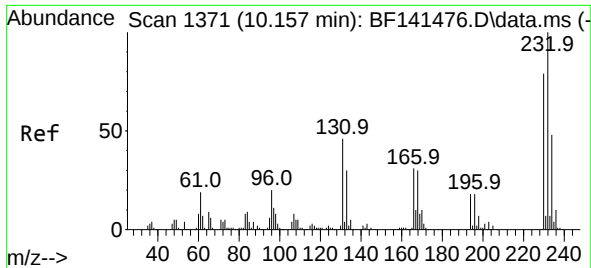


#58
Fluorene
Concen: 42.734 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38



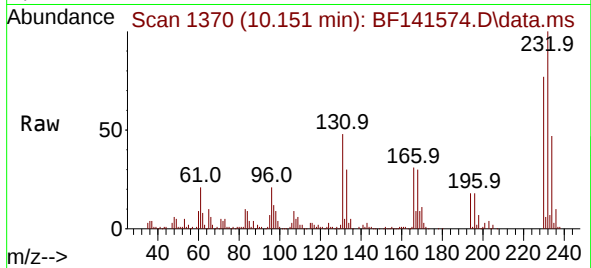
Tgt Ion:166 Resp: 409183
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.2
167 13.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.164 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

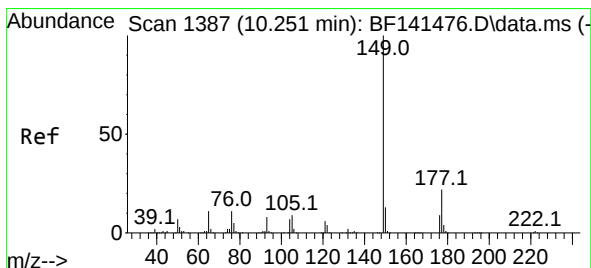
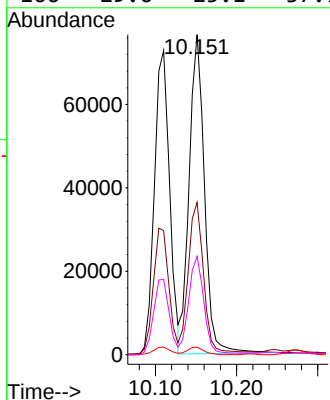
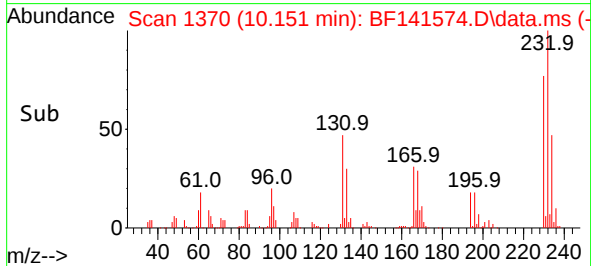
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



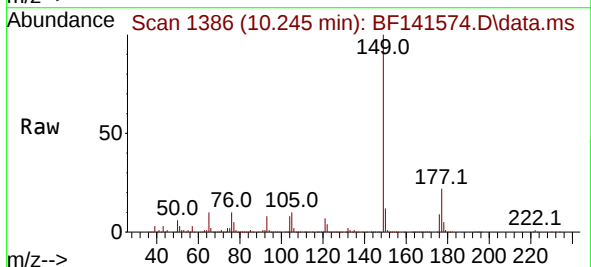
Tgt Ion:232 Resp: 100561
Ion Ratio Lower Upper
232 100
131 46.1 39.2 58.8
130 2.6 2.1 3.1
166 29.6 25.1 37.7

Manual Integrations
APPROVED

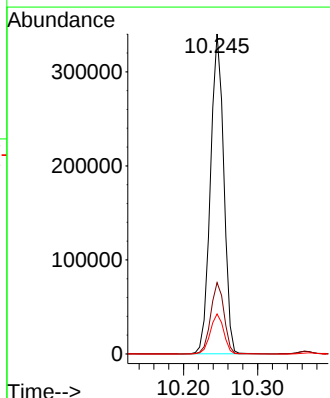
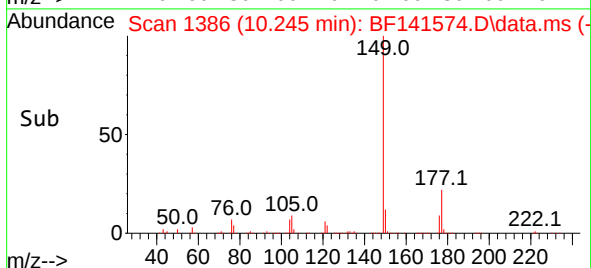
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

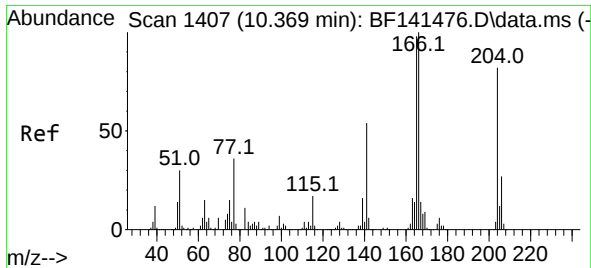


#60
Diethylphthalate
Concen: 43.093 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38



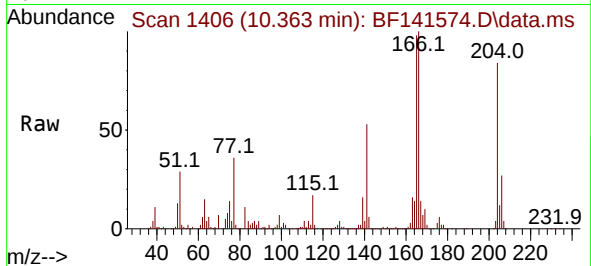
Tgt Ion:149 Resp: 423603
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.439 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

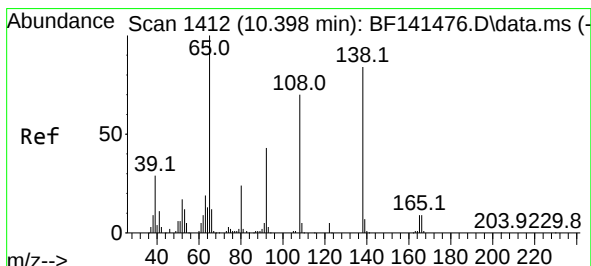
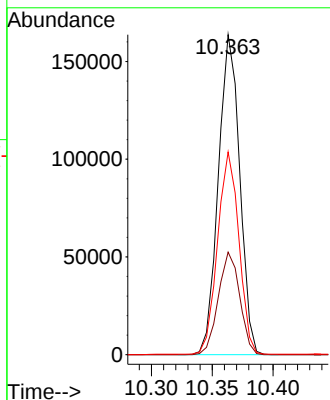
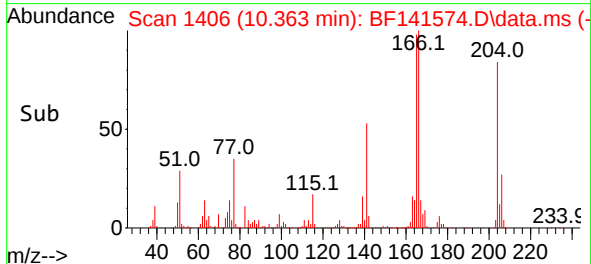
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:204 Resp: 200100
Ion Ratio Lower Upper
204 100
206 32.1 26.6 40.0
141 63.3 51.9 77.9

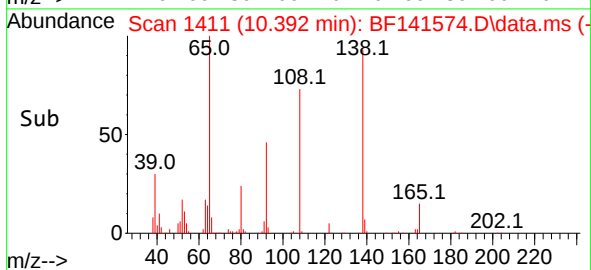
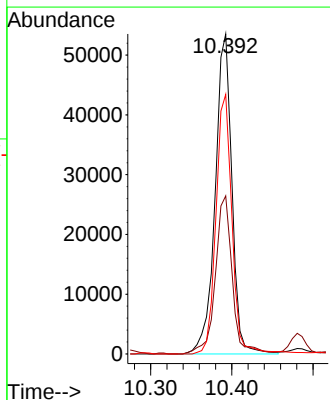
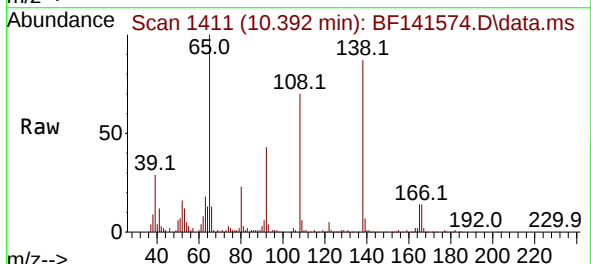
Manual Integrations
APPROVED

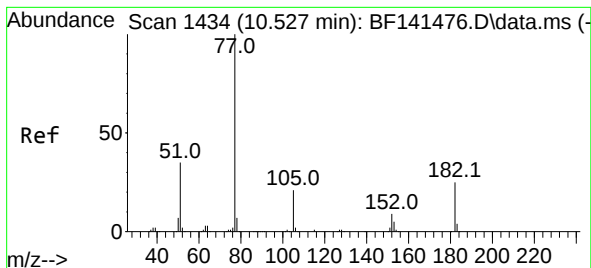
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#62
4-Nitroaniline
Concen: 32.272 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

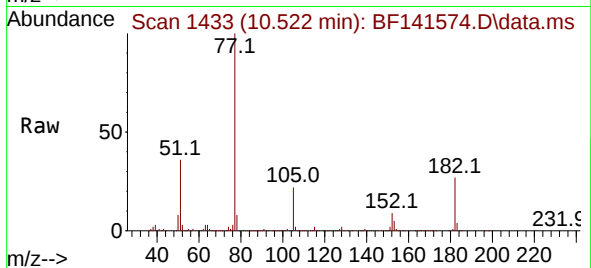
Tgt Ion:138 Resp: 77033
Ion Ratio Lower Upper
138 100
92 49.4 31.3 71.3
108 81.1 63.7 103.7





#63
Azobenzene
Concen: 43.531 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

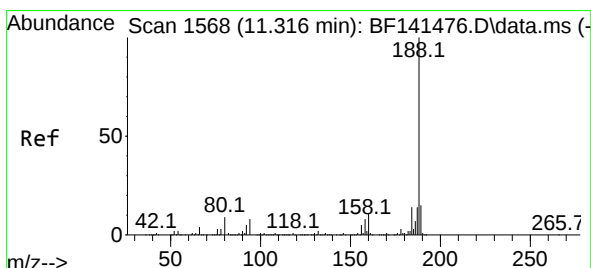
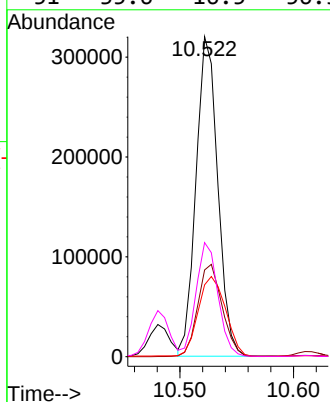
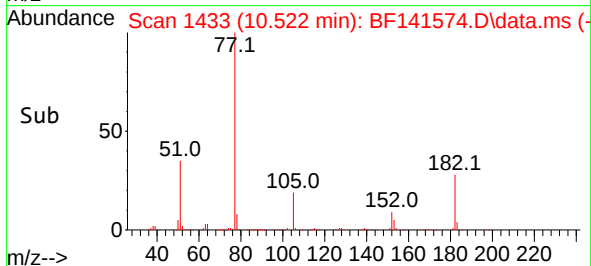
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



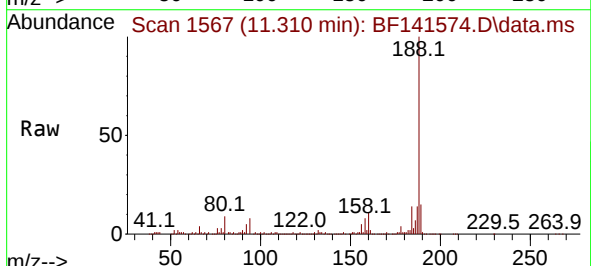
Tgt Ion: 77 Resp: 42539
Ion Ratio Lower Upper
77 100
182 27.1 4.7 44.7
105 22.5 0.4 40.4
51 35.6 16.5 56.5

Manual Integrations
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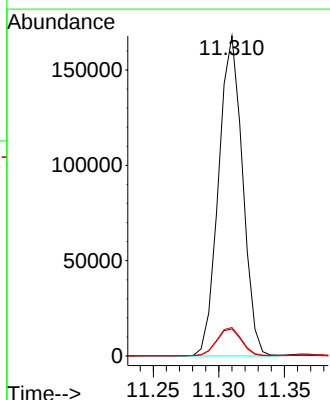
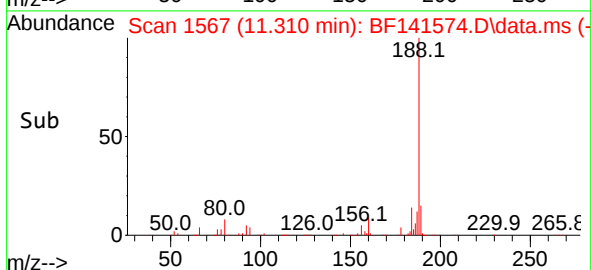
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38



Tgt Ion:188 Resp: 213794
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 8.9 7.3 10.9





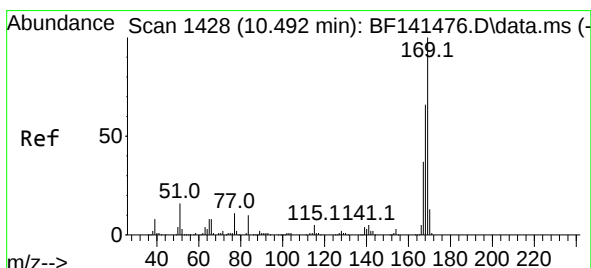
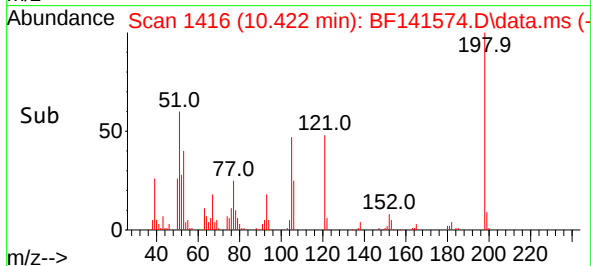
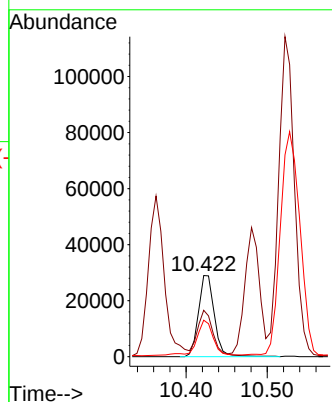
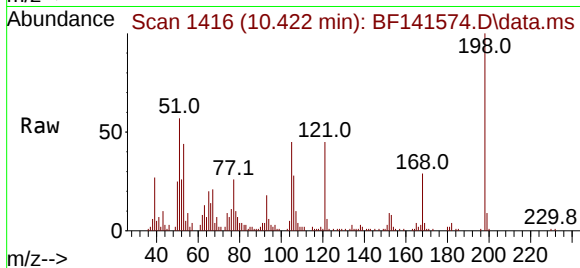
#65
4,6-Dinitro-2-methylphenol
Concen: 26.594 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD

Tgt Ion:198 Resp: 39490
Ion Ratio Lower Upper
198 100
51 57.3 37.4 77.4
105 45.0 25.2 65.2

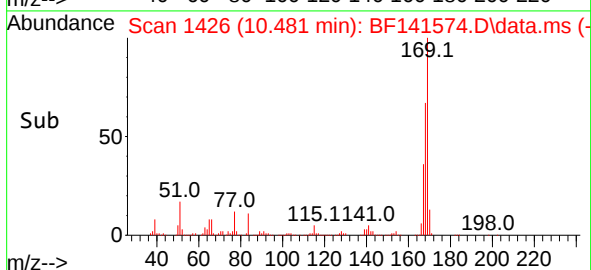
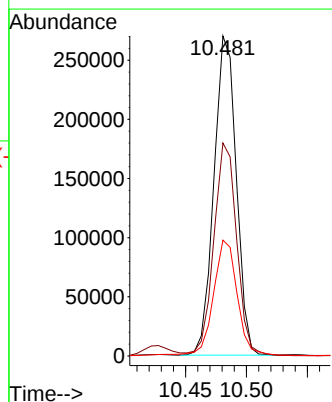
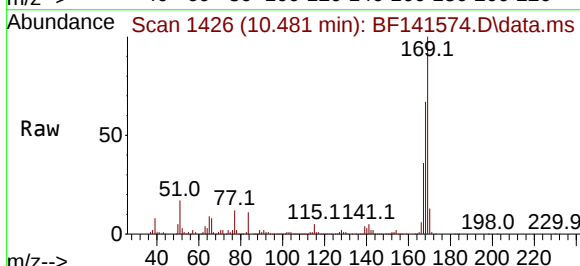
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#66
n-Nitrosodiphenylamine
Concen: 50.246 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.017 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

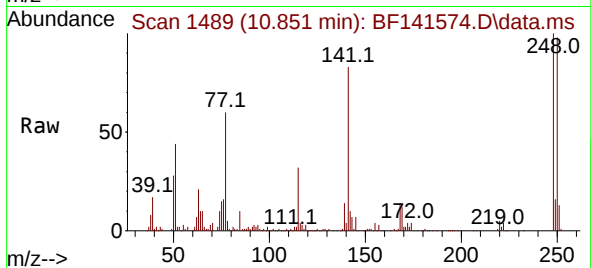
Tgt Ion:169 Resp: 343871
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 36.2 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 48.623 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

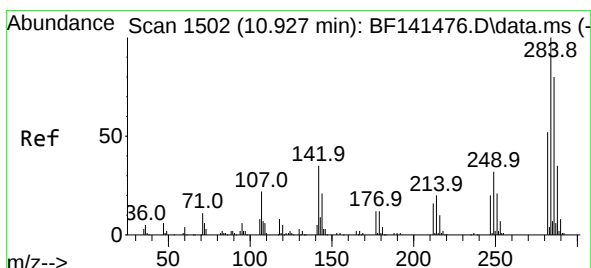
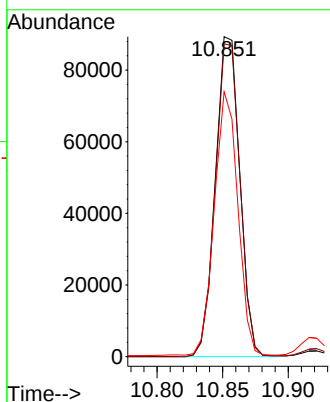
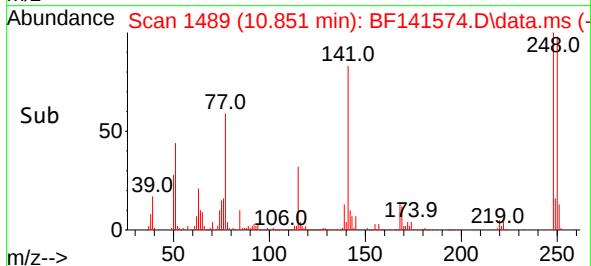
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



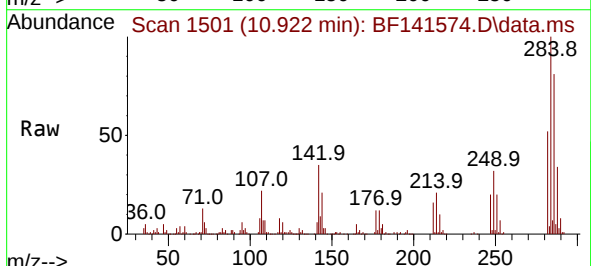
Tgt Ion:248 Resp: 116182
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 82.8 60.6 90.8

Manual Integrations
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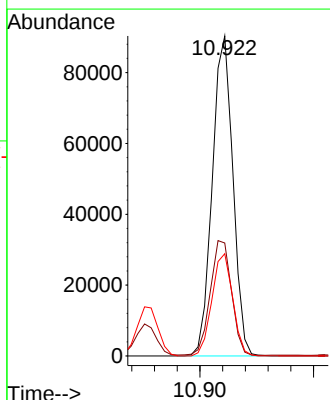
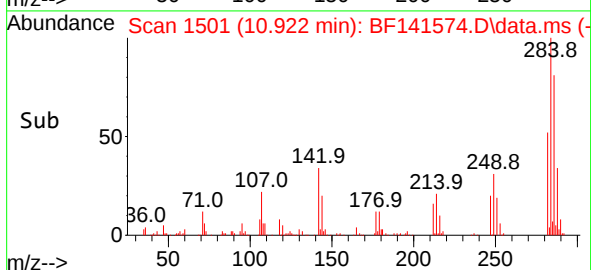
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025

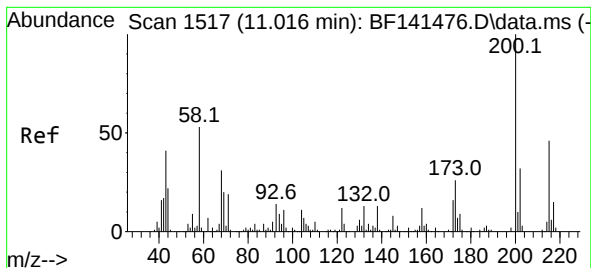


#68
Hexachlorobenzene
Concen: 46.245 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38



Tgt Ion:284 Resp: 113784
Ion Ratio Lower Upper
284 100
142 35.3 28.0 42.0
249 32.0 25.8 38.8





#69

Atrazine

Concen: 60.357 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.011 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825MSD

Tgt Ion:200 Resp: 12392

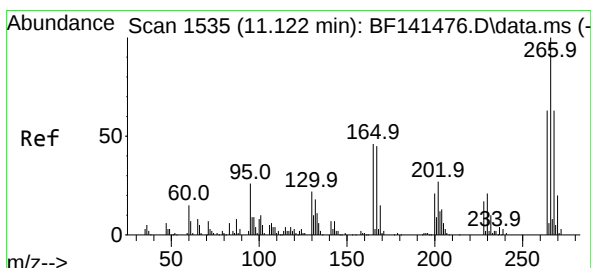
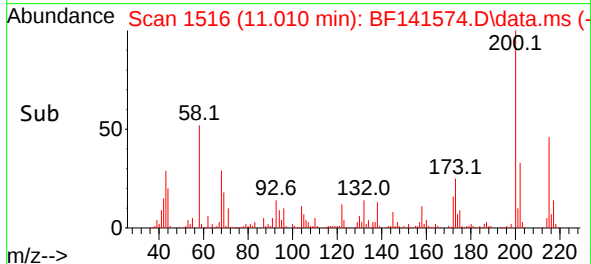
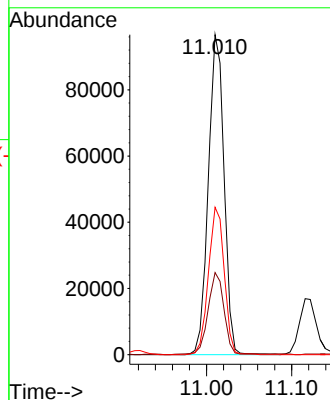
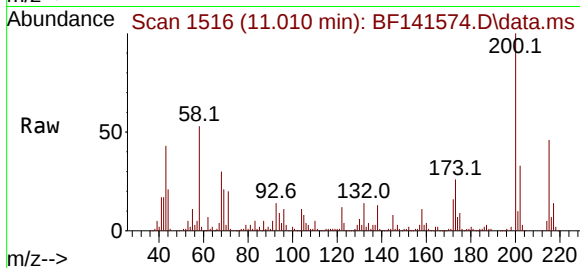
Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.9	45.9
215	46.0	25.9	65.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/12/2025

Supervised By :mohammad ahmed 02/12/2025



#70

Pentachlorophenol

Concen: 79.942 ng

RT: 11.122 min Scan# 1535

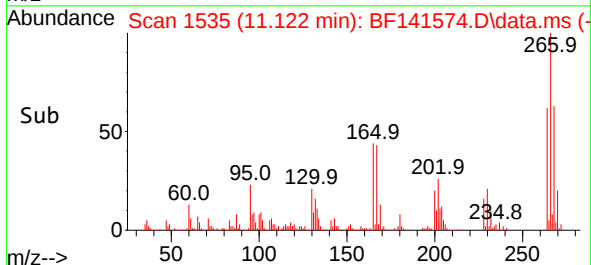
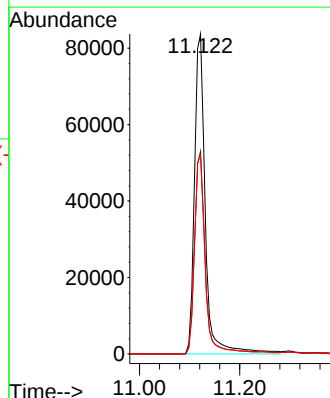
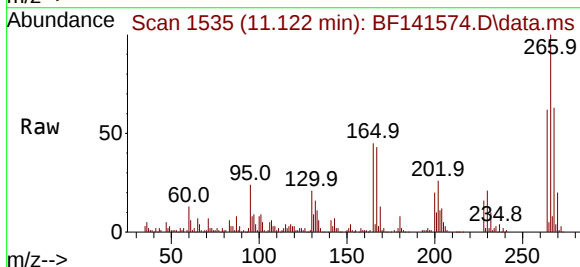
Delta R.T. -0.006 min

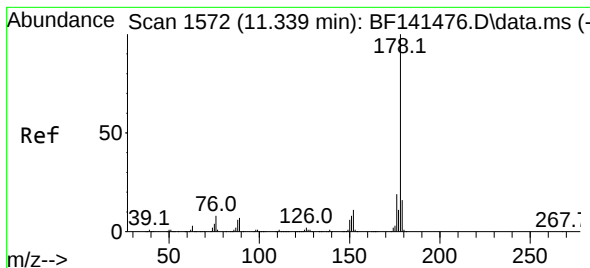
Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

Tgt Ion:266 Resp: 125770

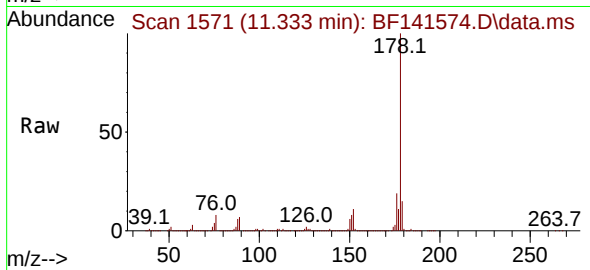
Ion	Ratio	Lower	Upper
266	100		
268	63.3	50.1	75.1
264	61.9	50.1	75.1





#71
Phenanthrene
Concen: 67.959 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

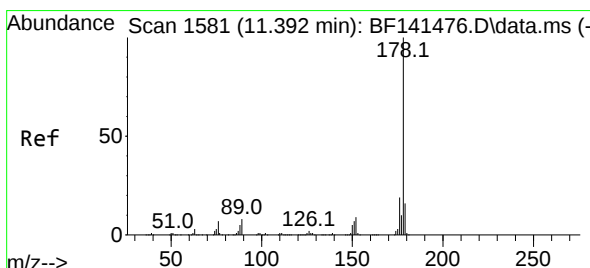
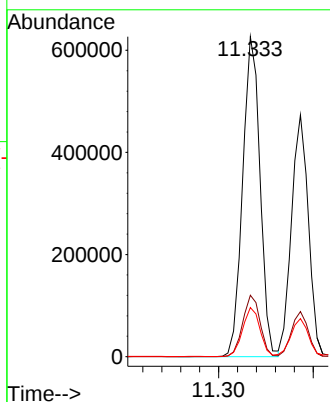
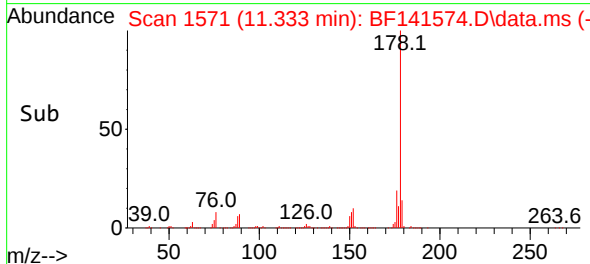
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:178 Resp: 79976
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.4 18.6

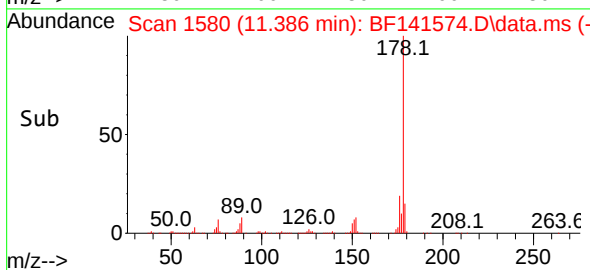
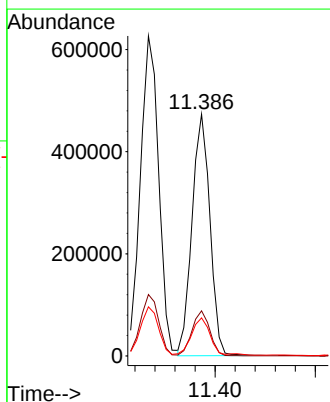
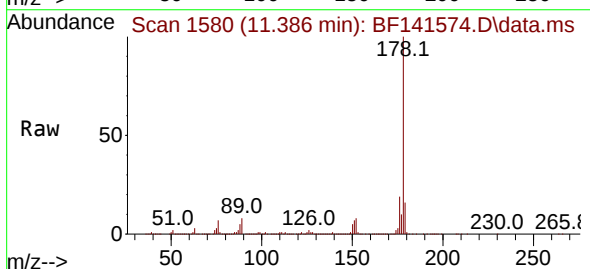
Manual Integrations
APPROVED

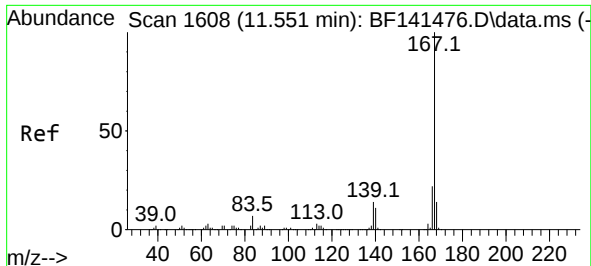
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#72
Anthracene
Concen: 49.607 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

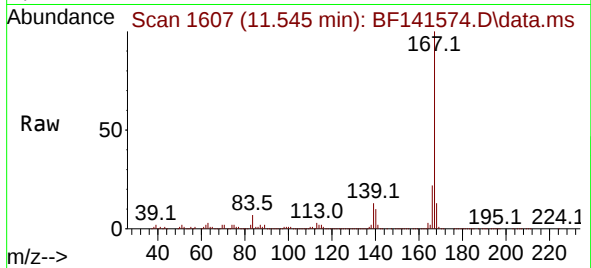
Tgt Ion:178 Resp: 586861
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 44.951 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141574.D
 Acq: 11 Feb 2025 20:38

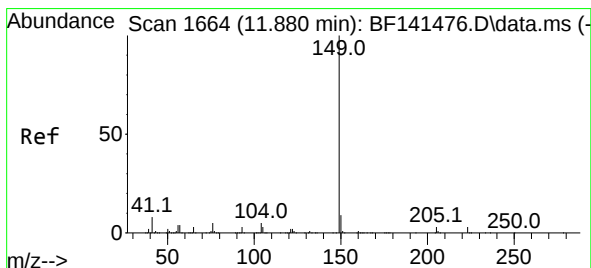
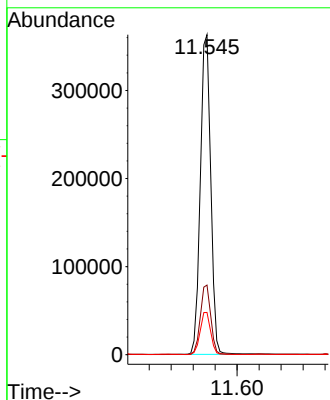
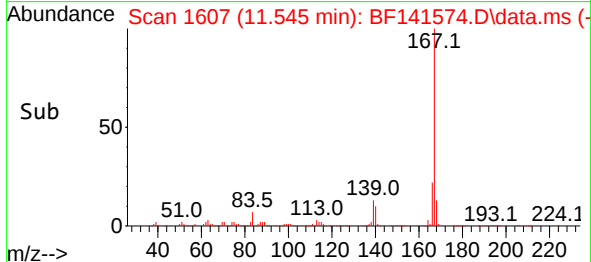
Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825MSD



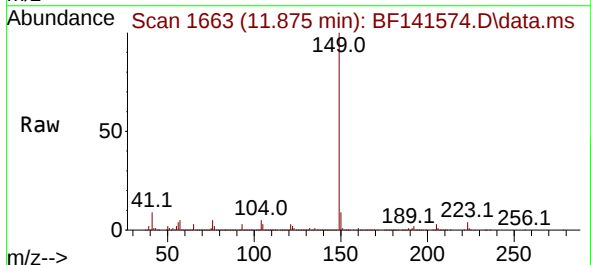
Tgt Ion:167 Resp: 478480
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.2 10.9 16.3

Manual Integrations
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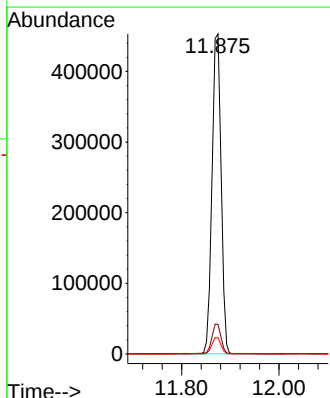
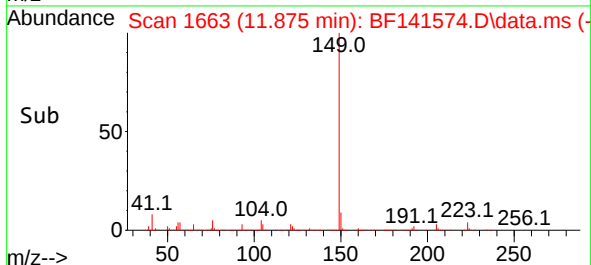
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

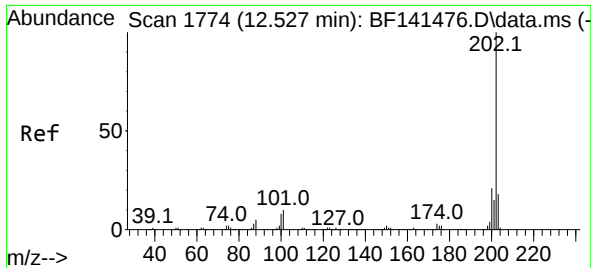


#74
 Di-n-butylphthalate
 Concen: 47.586 ng
 RT: 11.875 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF141574.D
 Acq: 11 Feb 2025 20:38



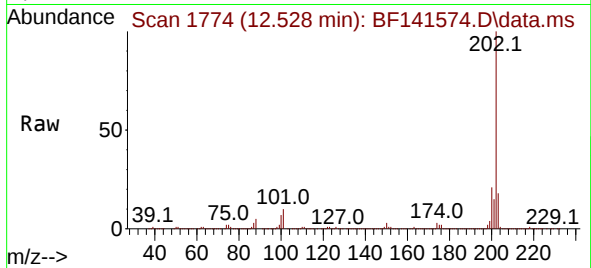
Tgt Ion:149 Resp: 584882
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 83.295 ng
RT: 12.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

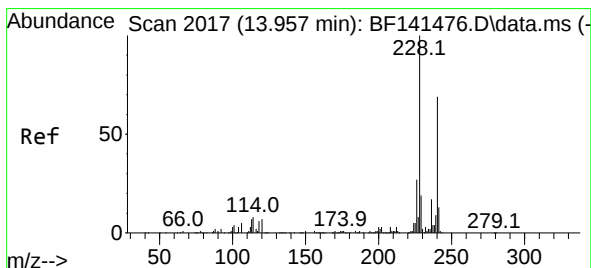
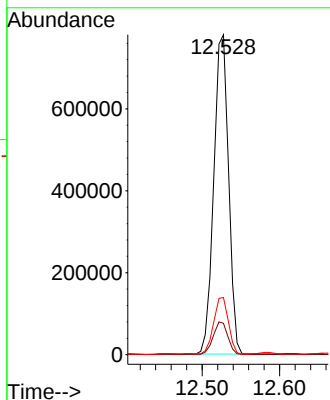
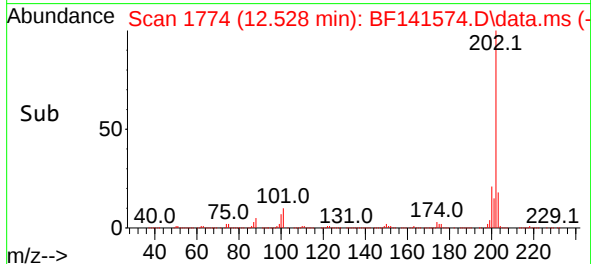
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:202 Resp: 1039250
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.2
203 17.8 0.0 37.6

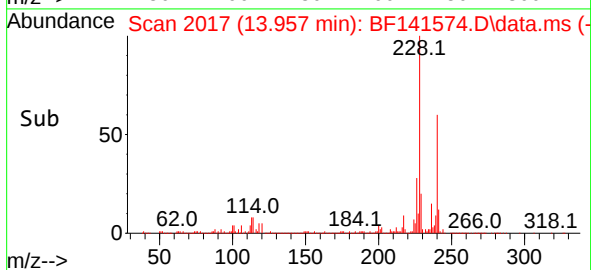
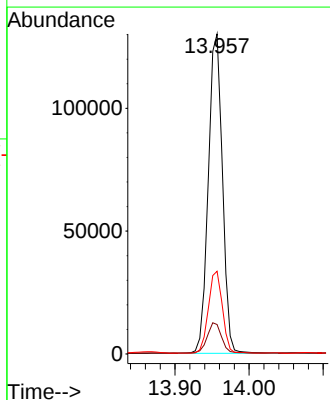
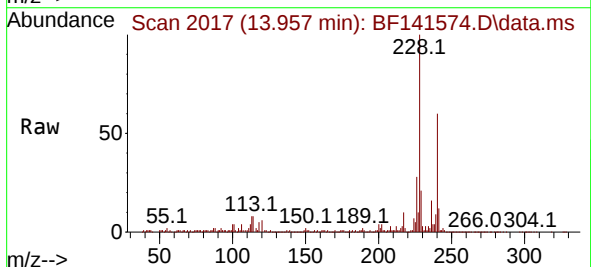
Manual Integrations
APPROVED

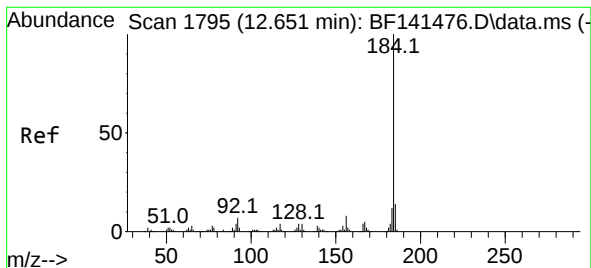
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Tgt Ion:240 Resp: 172116
Ion Ratio Lower Upper
240 100
120 9.2 8.0 12.0
236 25.8 19.8 29.8





#77

Benzidine

Concen: 35.342 ng

RT: 12.645 min Scan# 1794

Delta R.T. -0.012 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825MSD

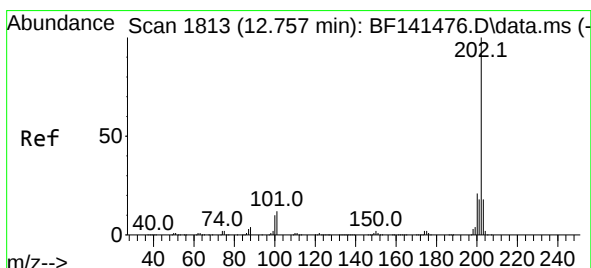
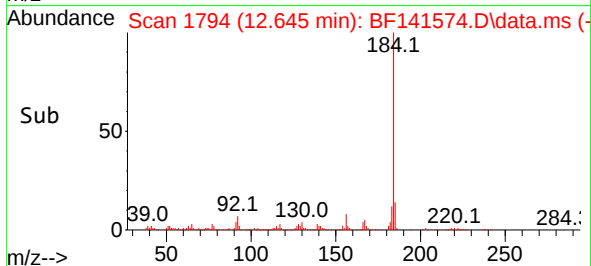
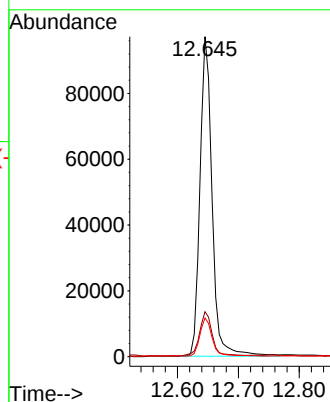
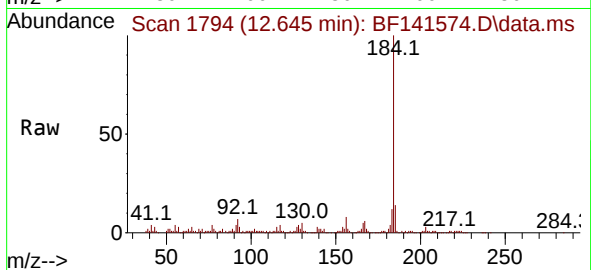
Tgt Ion:184	Resp: 134150
Ion Ratio	Lower Upper
184	100
185	14.1 11.3 16.9
183	12.1 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/12/2025

Supervised By :mohammad ahmed 02/12/2025



#78

Pyrene

Concen: 73.310 ng

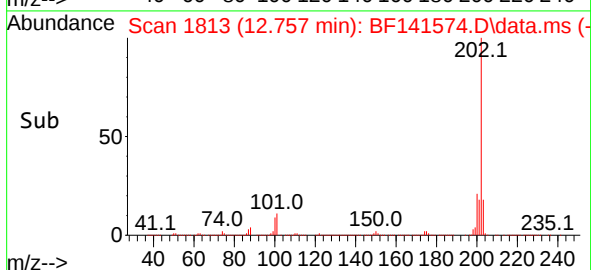
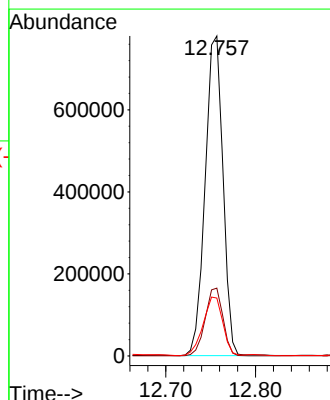
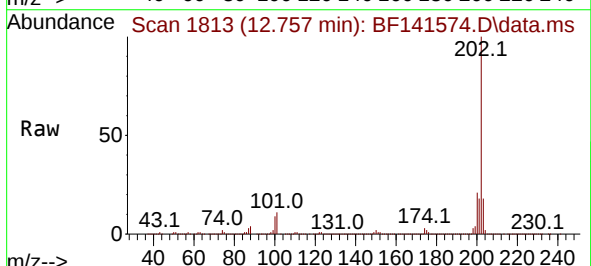
RT: 12.757 min Scan# 1813

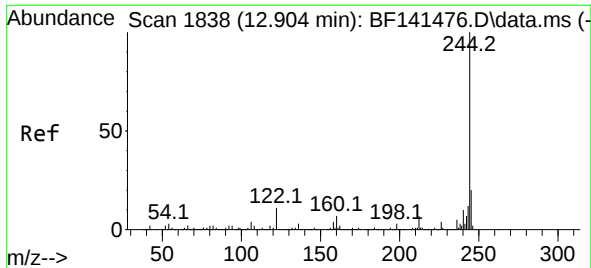
Delta R.T. -0.006 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

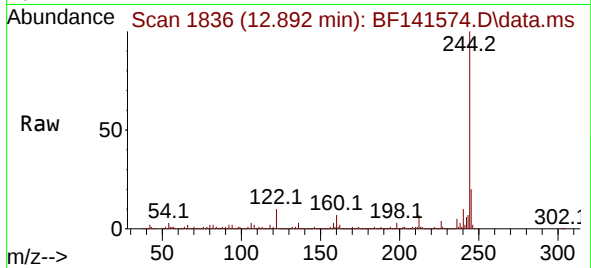
Tgt Ion:202	Resp: 1074122
Ion Ratio	Lower Upper
202	100
200	21.2 17.0 25.4
203	18.1 14.3 21.5





#79
 Terphenyl-d14
 Concen: 55.971 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141574.D
 Acq: 11 Feb 2025 20:38

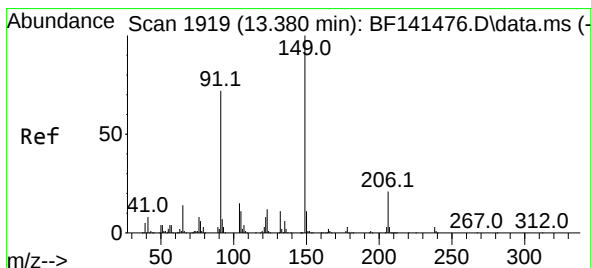
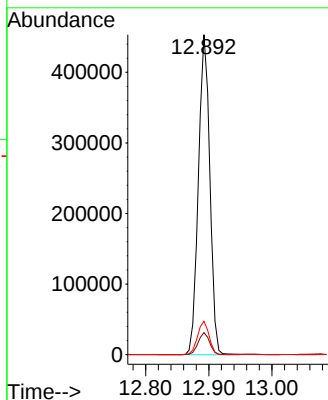
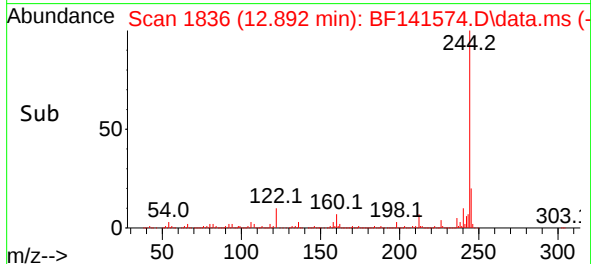
Instrument :
 BNA_F
 ClientSampleId :
 JPP-29.1-012825MSD



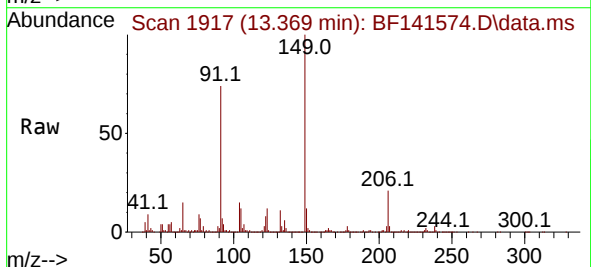
Tgt Ion:244 Resp: 57064
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.4 8.4 12.6

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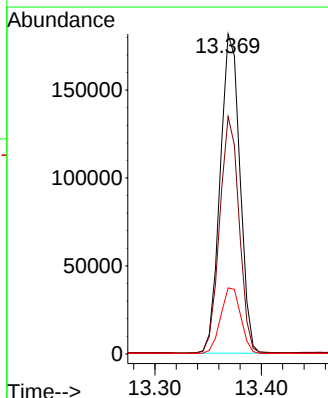
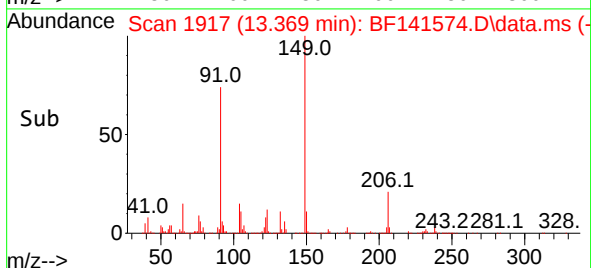
Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025

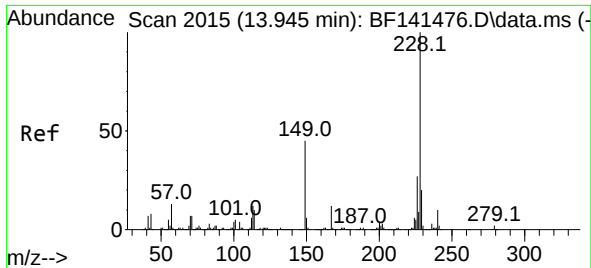


#80
 Butylbenzylphthalate
 Concen: 45.949 ng
 RT: 13.369 min Scan# 1917
 Delta R.T. -0.012 min
 Lab File: BF141574.D
 Acq: 11 Feb 2025 20:38



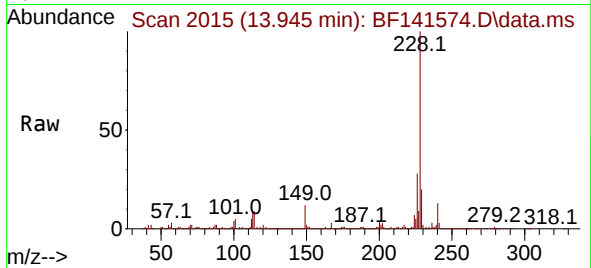
Tgt Ion:149 Resp: 233190
 Ion Ratio Lower Upper
 149 100
 91 74.2 57.8 86.8
 206 20.7 16.7 25.1





#81
Benzo(a)anthracene
Concen: 71.079 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

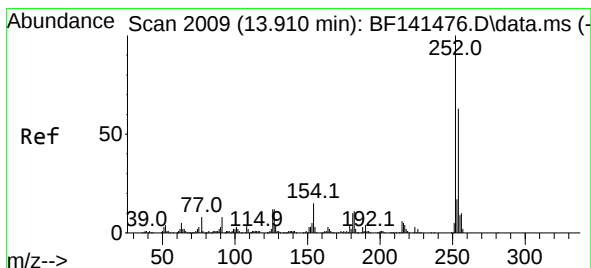
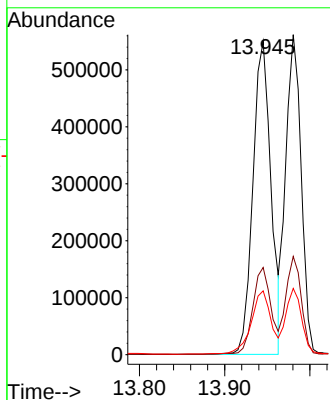
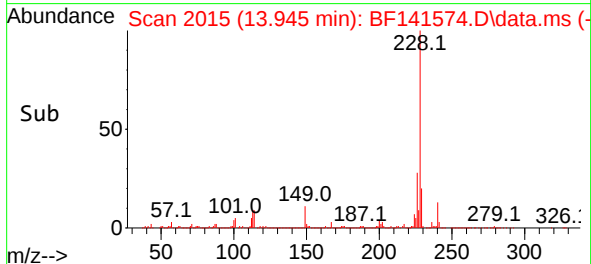
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:228 Resp: 813229
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.8
229 20.4 15.8 23.6

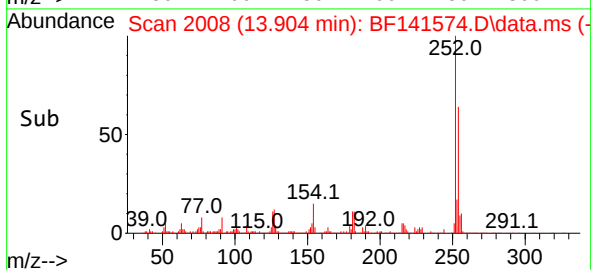
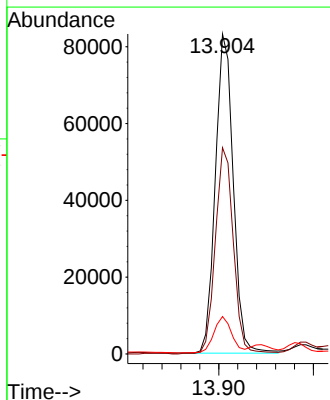
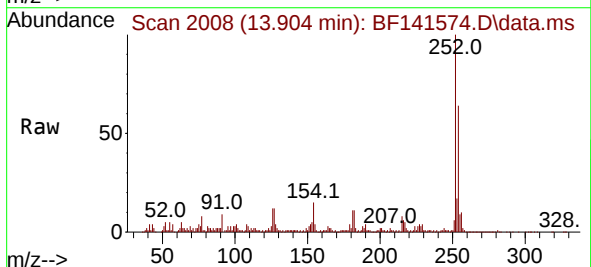
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APPROVED

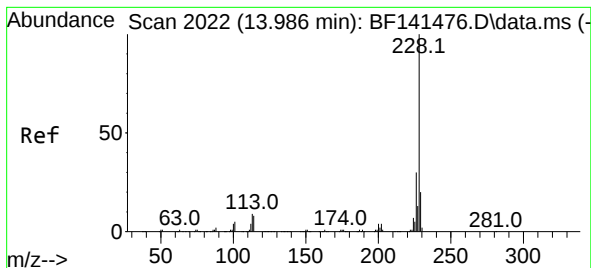
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.418 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Tgt Ion:252 Resp: 109523
Ion Ratio Lower Upper
252 100
254 64.4 50.6 76.0
126 11.7 9.3 13.9





#83

Chrysene

Concen: 66.736 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

Instrument :

BNA_F

ClientSampleId :

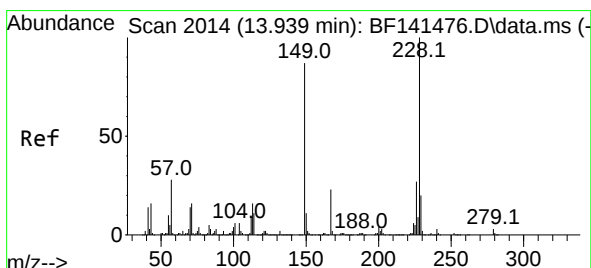
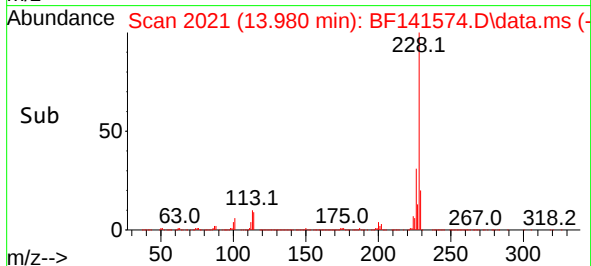
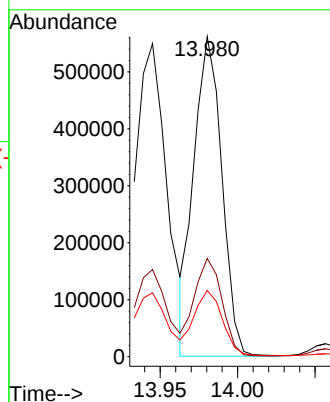
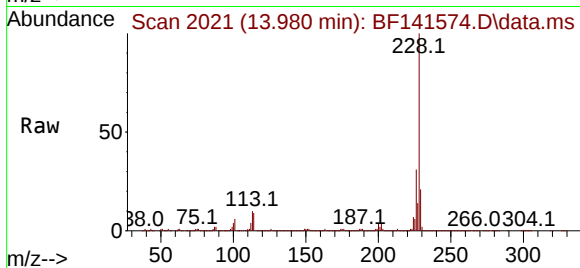
JPP-29.1-012825MSD

Tgt Ion:228 Resp: 705014
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.0 36.0
 229 20.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :mohammad ahmed 02/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.348 ng

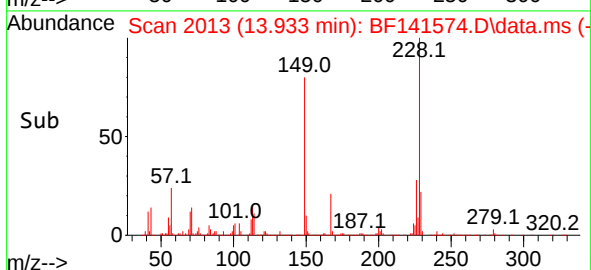
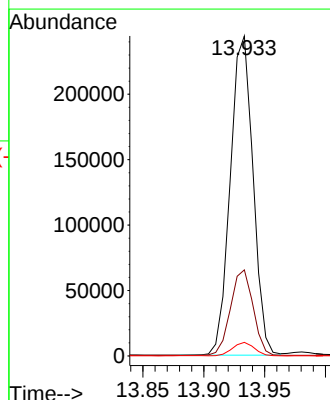
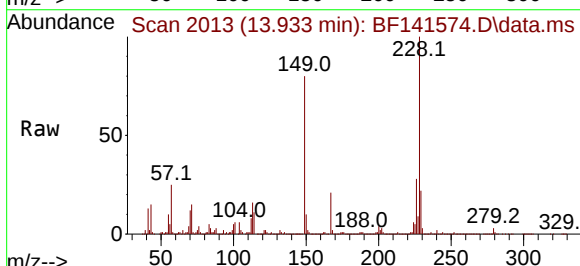
RT: 13.933 min Scan# 2013

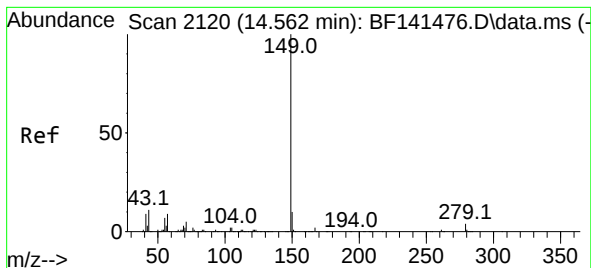
Delta R.T. -0.006 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

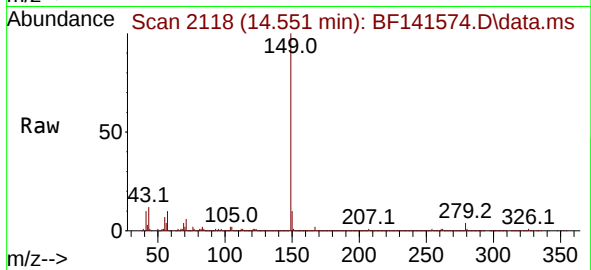
Tgt Ion:149 Resp: 316795
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.4 32.0
 279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 66.944 ng
RT: 14.551 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

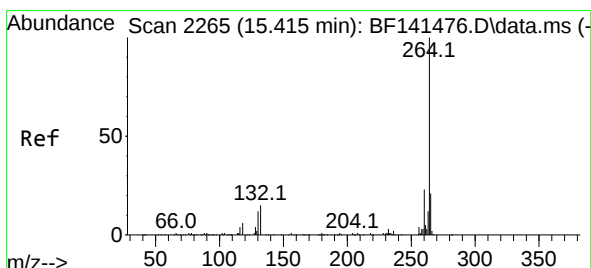
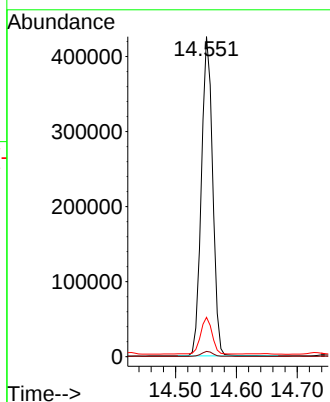
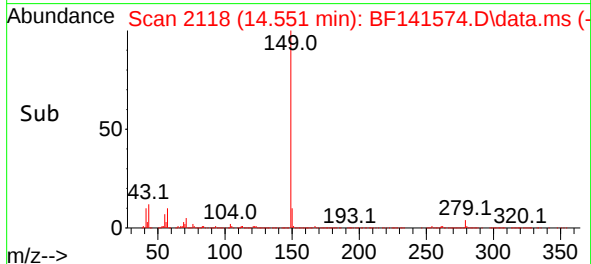
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:149 Resp: 546624
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.6 9.5 14.3

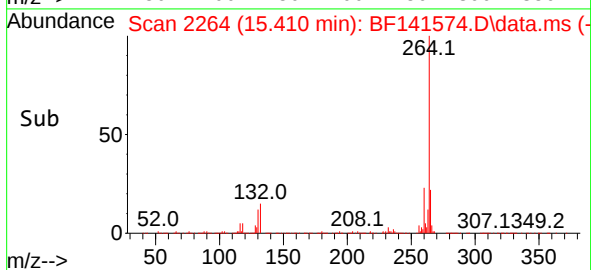
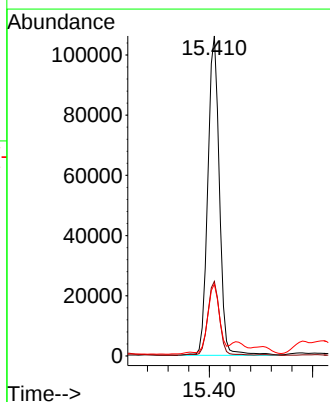
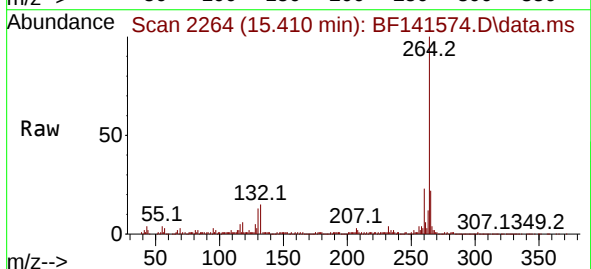
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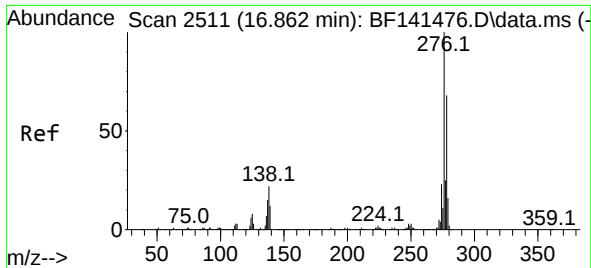
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

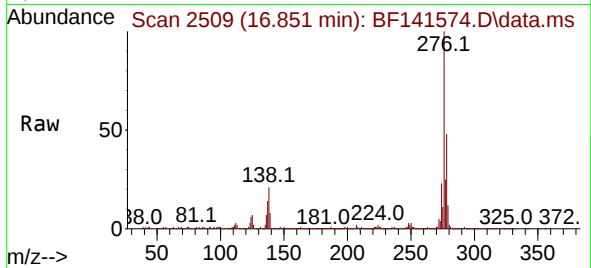
Tgt Ion:264 Resp: 164980
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 22.4 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.291 ng
RT: 16.851 min Scan# 2193
Delta R.T. -0.023 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

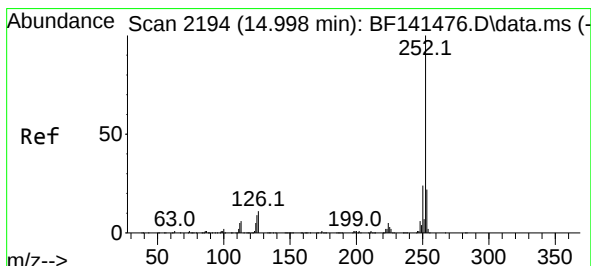
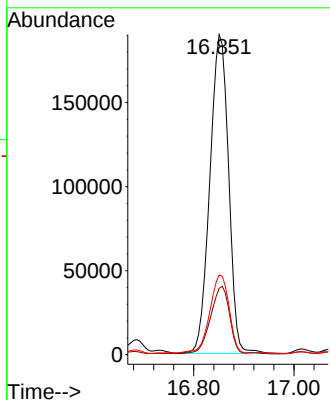
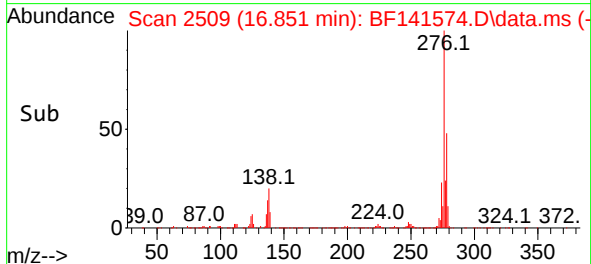
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:276 Resp: 49227
Ion Ratio Lower Upper
276 100
138 21.3 18.0 27.0
277 24.8 20.4 30.6

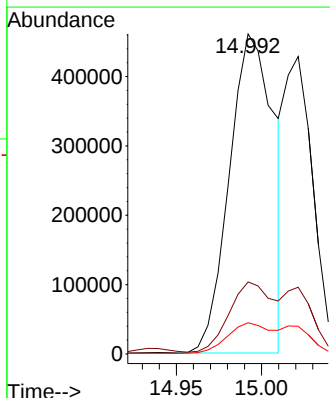
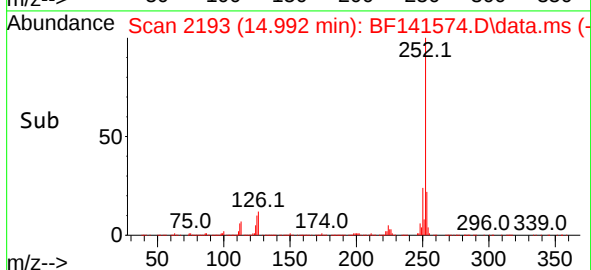
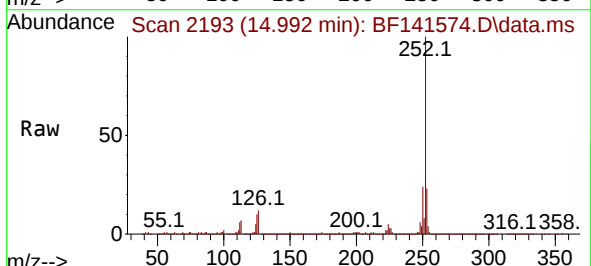
Manual Integrations
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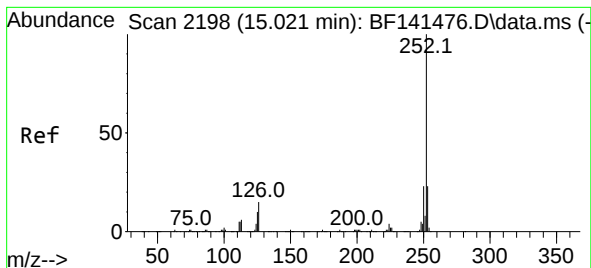
Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#88
Benzo(b)fluoranthene
Concen: 75.605 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Tgt Ion:252 Resp: 837524
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.8 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 51.395 ng m

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

Instrument :

BNA_F

ClientSampleId :

JPP-29.1-012825MSD

Tgt Ion:252 Resp: 48615

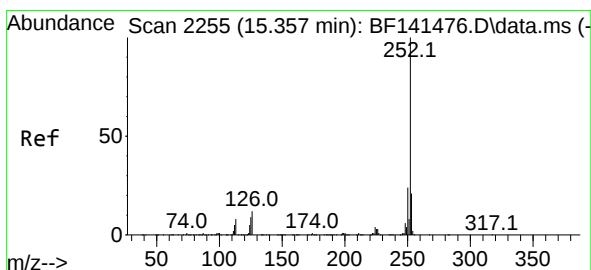
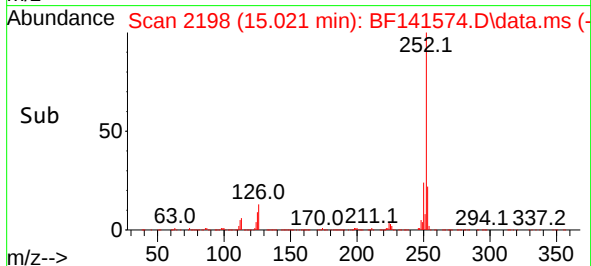
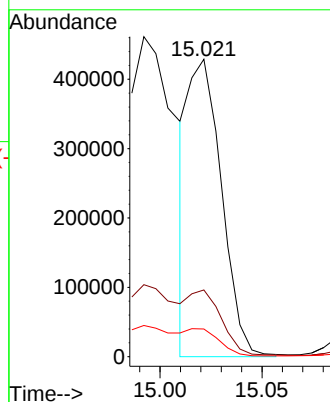
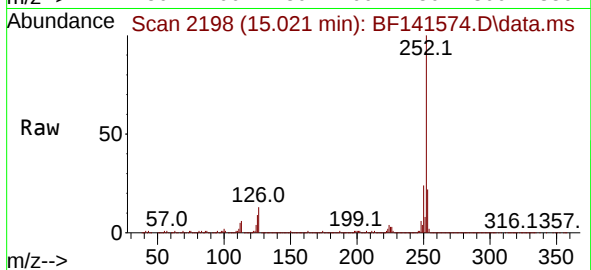
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.3	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/12/2025

Supervised By :mohammad ahmed 02/12/2025



#90

Benzo(a)pyrene

Concen: 71.197 ng

RT: 15.351 min Scan# 2254

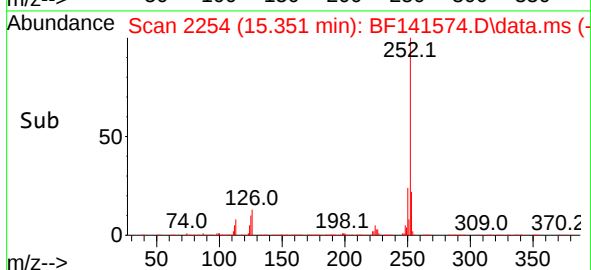
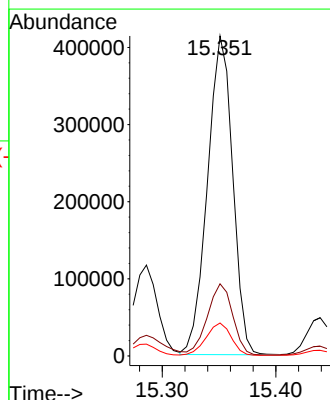
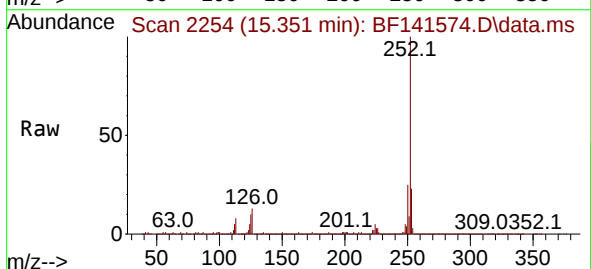
Delta R.T. -0.012 min

Lab File: BF141574.D

Acq: 11 Feb 2025 20:38

Tgt Ion:252 Resp: 638187

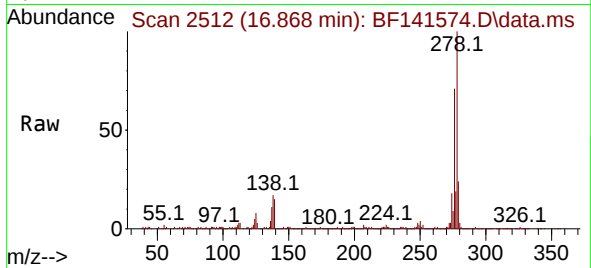
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	10.3	7.4	11.2





#91
Dibenzo(a,h)anthracene
Concen: 39.677 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.023 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

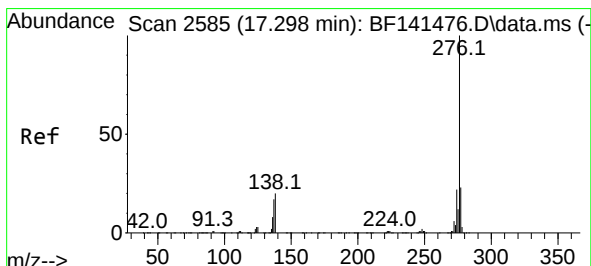
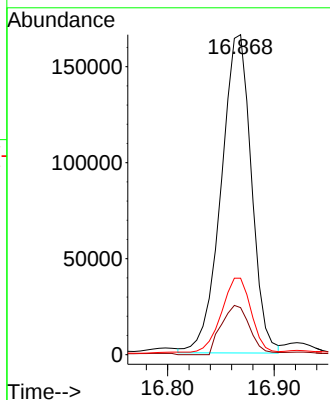
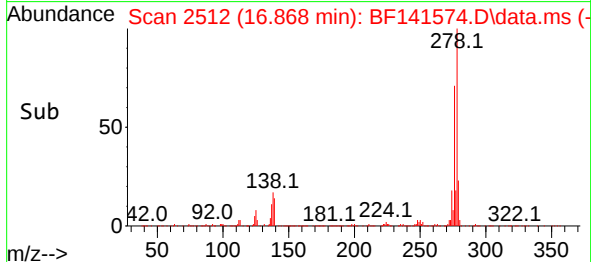
Instrument :
BNA_F
ClientSampleId :
JPP-29.1-012825MSD



Tgt Ion:278 Resp: 327735
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.9 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :mohammad ahmed 02/12/2025



#92
Benzo(g,h,i)perylene
Concen: 44.688 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141574.D
Acq: 11 Feb 2025 20:38

Tgt Ion:276 Resp: 386271
Ion Ratio Lower Upper
276 100
277 23.4 18.6 28.0
138 18.9 15.9 23.9

