

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141347.D
 Acq On : 31 Jan 2025 22:16
 Operator : RC/JU
 Sample : Q1205-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236MS

Quant Time: Feb 01 00:03:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	142849	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	564006	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	294756	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	431674	20.000	ng	0.00
76) Chrysene-d12	13.968	240	275611	20.000	ng	0.00
86) Perylene-d12	15.421	264	282127	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1166028	125.313	ng	0.02
7) Phenol-d6	6.445	99	1434610	121.197	ng	0.00
23) Nitrobenzene-d5	7.363	82	954313	89.198	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	339916	125.791	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1655154	86.431	ng	0.00
79) Terphenyl-d14	12.916	244	1347557	75.403	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.687	88	145635	35.588	ng	Qvalue # 83
3) Pyridine	3.387	79	232271	23.557	ng	99
4) n-Nitrosodimethylamine	3.310	42	234667	41.662	ng	99
6) Aniline	6.469	93	119203	11.897	ng	# 1
8) 2-Chlorophenol	6.592	128	446696	44.790	ng	98
9) Benzaldehyde	6.351	77	18708	2.729	ng	99
10) Phenol	6.457	94	520602	41.489	ng	92
11) bis(2-Chloroethyl)ether	6.539	93	428566	44.545	ng	98
12) 1,3-Dichlorobenzene	6.739	146	411312	37.404	ng	100
13) 1,4-Dichlorobenzene	6.816	146	411037	37.208	ng	100
14) 1,2-Dichlorobenzene	6.969	146	399916	38.660	ng	99
15) Benzyl Alcohol	6.945	79	384332	47.511	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	689709	41.226	ng	49
17) 2-Methylphenol	7.069	107	351328	43.344	ng	# 88
18) Hexachloroethane	7.310	117	155897	38.254	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	312600	44.444	ng	97
20) 3+4-Methylphenols	7.222	107	474928	47.720	ng	# 77
22) Acetophenone	7.210	105	607354	45.303	ng	# 93
24) Nitrobenzene	7.386	77	461964	41.666	ng	98
25) Isophorone	7.622	82	859945	46.499	ng	98
26) 2-Nitrophenol	7.698	139	238004	45.517	ng	98
27) 2,4-Dimethylphenol	7.745	122	366185m	55.019	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	527526	44.718	ng	99
29) 2,4-Dichlorophenol	7.951	162	382994	47.005	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	367470	39.491	ng	100
31) Naphthalene	8.104	128	1255905	42.152	ng	100
32) Benzoic acid	7.875	122	294524	48.138	ng	99
33) 4-Chloroaniline	8.157	127	57067	5.648	ng	99
34) Hexachlorobutadiene	8.222	225	217440	39.847	ng	100
35) Caprolactam	8.522	113	112426m	42.249	ng	
36) 4-Chloro-3-methylphenol	8.651	107	399006	45.654	ng	98
37) 2-Methylnaphthalene	8.792	142	833174	43.997	ng	98
38) 1-Methylnaphthalene	8.892	142	780629	41.964	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	371956	44.357	ng	99
41) Hexachlorocyclopentadiene	8.945	237	383981	155.052	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	259699	47.316	ng	100

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Manual Integrations
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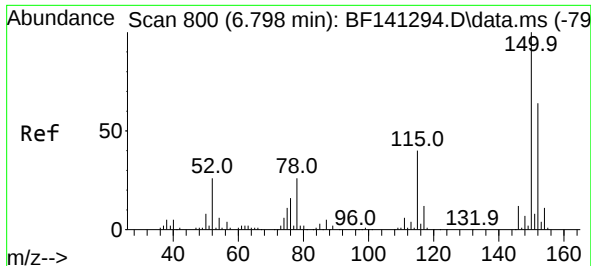
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	278164	46.565	ng	99
46) 1,1'-Biphenyl	9.263	154	1031667	44.880	ng	99
47) 2-Chloronaphthalene	9.286	162	772138	43.094	ng	99
48) 2-Nitroaniline	9.380	65	266013	47.201	ng	95
49) Acenaphthylene	9.698	152	1195542	47.667	ng	100
50) Dimethylphthalate	9.563	163	962538	48.350	ng	99
51) 2,6-Dinitrotoluene	9.628	165	207612	44.915	ng	97
52) Acenaphthene	9.875	154	902474m	50.367	ng	
53) 3-Nitroaniline	9.792	138	76661	16.922	ng	99
54) 2,4-Dinitrophenol	9.904	184	244109	113.607	ng	98
55) Dibenzofuran	10.045	168	1077353	44.919	ng	100
56) 4-Nitrophenol	9.980	139	257968	77.860	ng	97
57) 2,4-Dinitrotoluene	10.028	165	270812	45.251	ng	98
58) Fluorene	10.386	166	812642	43.681	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	228963	48.719	ng	99
60) Diethylphthalate	10.263	149	905433	46.907	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	397038	43.690	ng	99
62) 4-Nitroaniline	10.410	138	172930	38.826	ng	99
63) Azobenzene	10.539	77	878229	45.453	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	155826	61.028	ng	96
66) n-Nitrosodiphenylamine	10.498	169	727951	52.138	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	251233	51.986	ng	98
68) Hexachlorobenzene	10.933	284	252115	49.180	ng	99
69) Atrazine	11.027	200	221530	47.456	ng	99
70) Pentachlorophenol	11.133	266	283284	94.369	ng	100
71) Phenanthrene	11.351	178	1112890	47.961	ng	100
72) Anthracene	11.404	178	1128306	49.626	ng	100
73) Carbazole	11.557	167	891423	44.216	ng	100
74) Di-n-butylphthalate	11.892	149	1223292	50.069	ng	100
75) Fluoranthene	12.539	202	975087	42.559	ng	100
77) Benzidine	12.669	184	35282	3.993	ng	99
78) Pyrene	12.769	202	980862	37.075	ng	99
80) Butylbenzylphthalate	13.392	149	413143	44.700	ng	99
81) Benzo(a)anthracene	13.957	228	834678	43.887	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	143745	23.764	ng	100
83) Chrysene	13.992	228	831201	47.688	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	548126	46.750	ng	99
85) Di-n-octyl phthalate	14.568	149	995798	54.682	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	690868	37.941	ng	100
88) Benzo(b)fluoranthene	15.004	252	858391	48.369	ng	100
89) Benzo(k)fluoranthene	15.033	252	841197	53.507	ng	100
90) Benzo(a)pyrene	15.362	252	772098	51.485	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	562028	38.364	ng	98
92) Benzo(g,h,i)perylene	17.304	276	503231	33.036	ng	99

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

Manual Integrations

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Supervised By :mohammad ahmed 02/04/2025

[illegible]



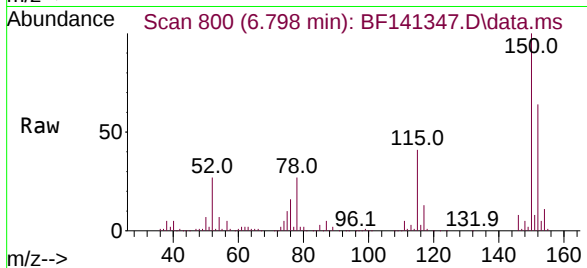
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141347.D
 Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

VNJ-236MS

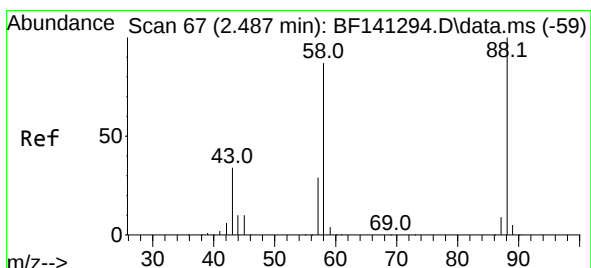
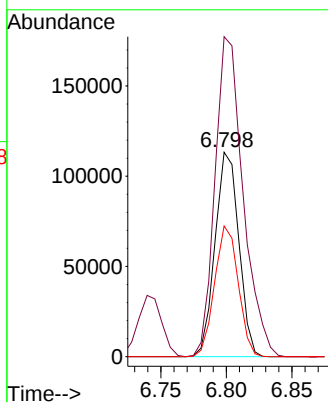
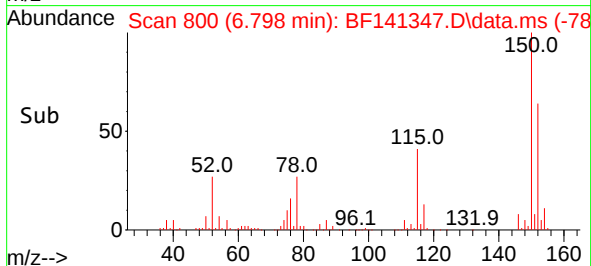


Tgt Ion:152 Resp: 142849
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.9 188.9
 115 63.9 49.7 74.5

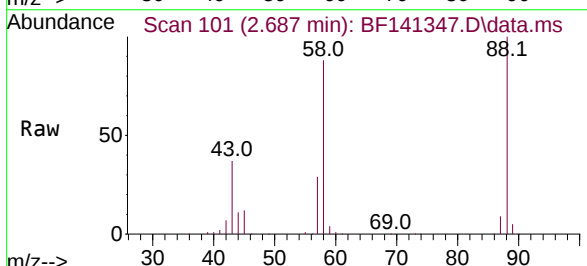
Manual Integrations

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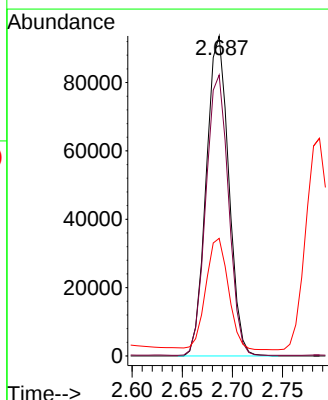
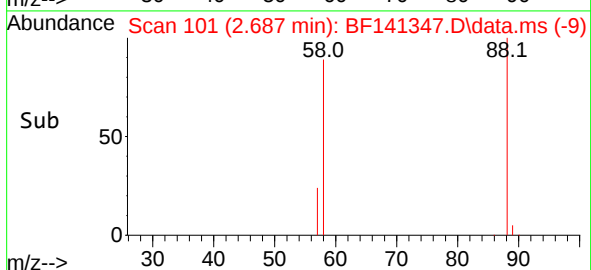
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#2
 1,4-Dioxane
 Concen: 35.588 ng
 RT: 2.687 min Scan# 101
 Delta R.T. 0.194 min
 Lab File: BF141347.D
 Acq: 31 Jan 2025 22:16



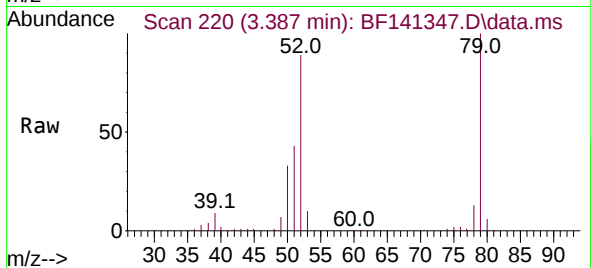
Tgt Ion: 88 Resp: 145635
 Ion Ratio Lower Upper
 88 100
 58 88.1 70.2 105.4
 43 0.0 27.6 41.4





#3
Pyridine
Concen: 23.557 ng
RT: 3.387 min Scan# 207
Delta R.T. 0.159 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

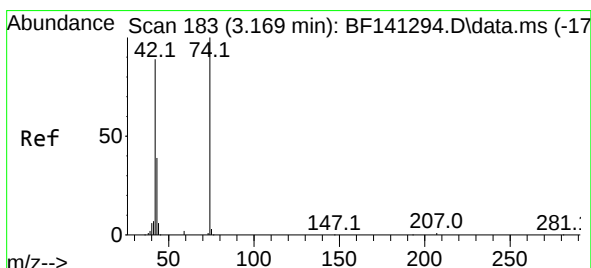
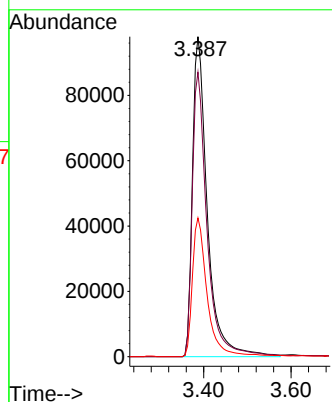
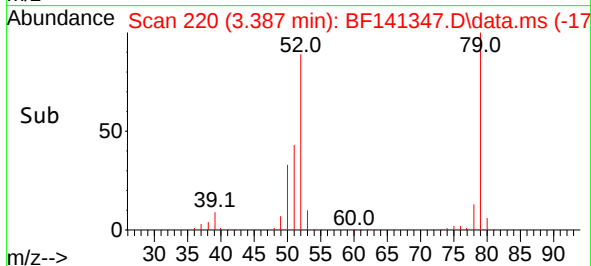
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



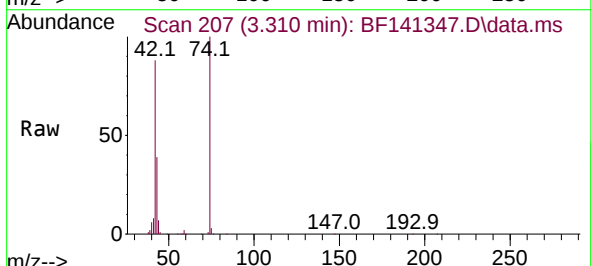
Tgt Ion: 79 Resp: 23227
Ion Ratio Lower Upper
79 100
52 88.9 70.3 105.5
51 43.4 34.3 51.5

Manual Integrations
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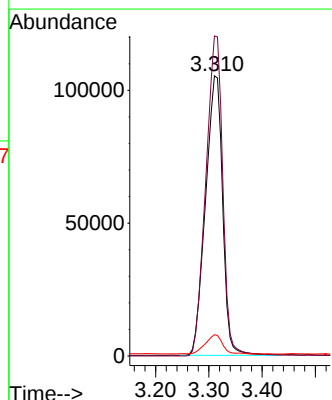
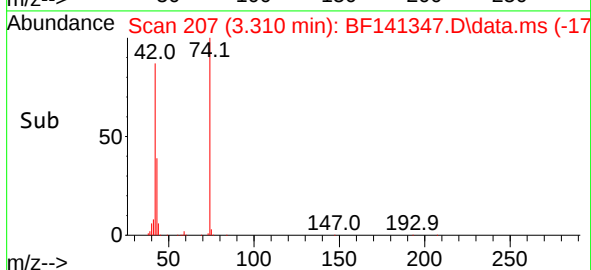
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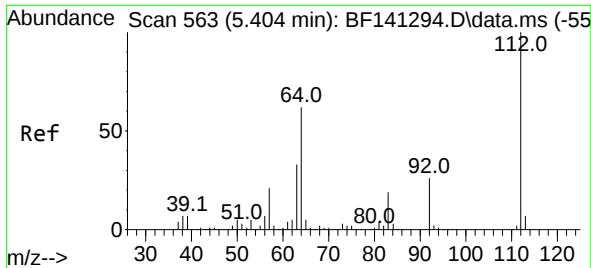


#4
n-Nitrosodimethylamine
Concen: 41.662 ng
RT: 3.310 min Scan# 207
Delta R.T. 0.112 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion: 42 Resp: 234667
Ion Ratio Lower Upper
42 100
74 114.2 90.3 135.5
44 7.6 5.7 8.5





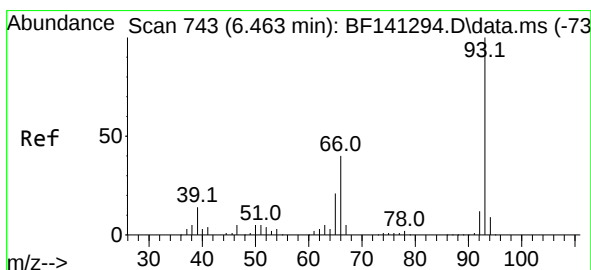
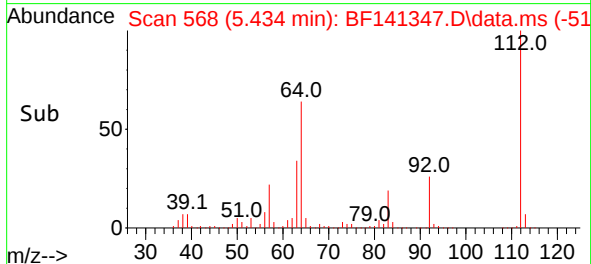
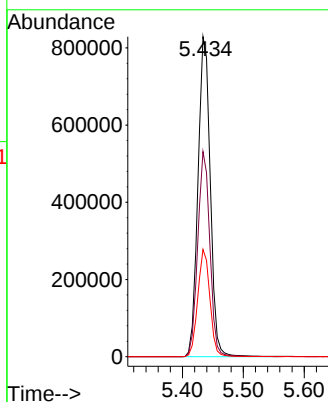
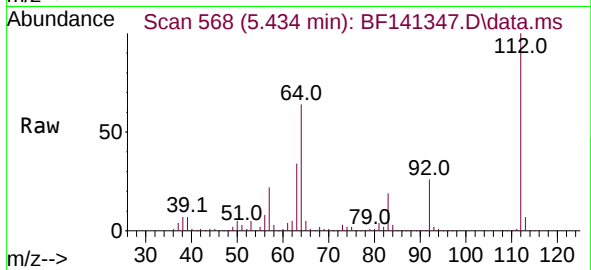
#5
2-Fluorophenol
Concen: 125.313 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Instrument :
BNA_F
ClientSampleId :
VNJ-236MS

Tgt Ion:112 Resp: 1166028
Ion Ratio Lower Upper
112 100
64 64.1 49.8 74.8
63 33.5 26.1 39.1

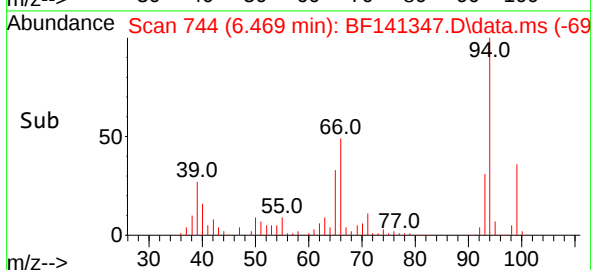
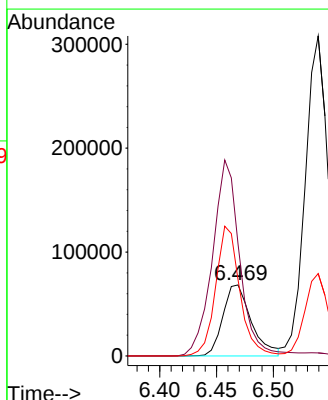
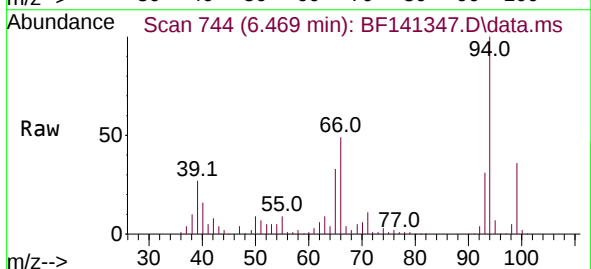
Manual Integrations
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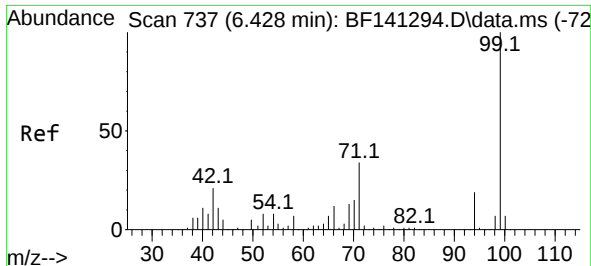
Reviewed By :Jagrut Upadhyay 02/03/2025
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#6
Aniline
Concen: 11.897 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

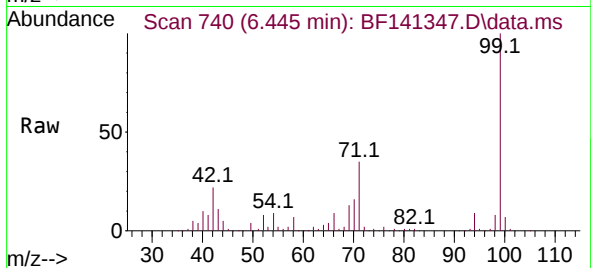
Tgt Ion: 93 Resp: 119203
Ion Ratio Lower Upper
93 100
66 157.3 32.5 48.7#
65 107.0 17.0 25.6#





#7
Phenol-d6
Concen: 121.197 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

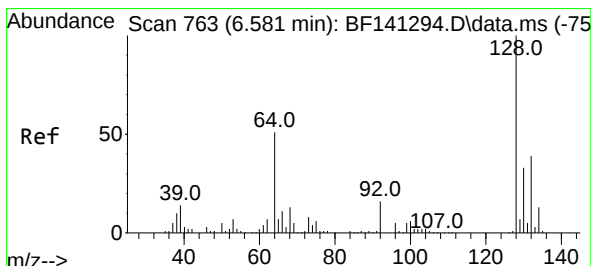
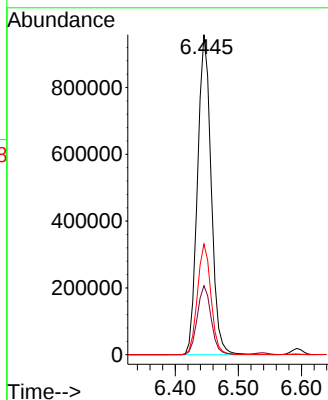
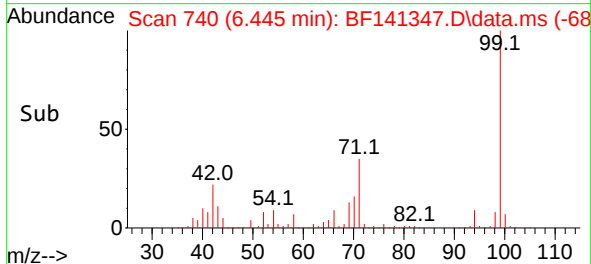
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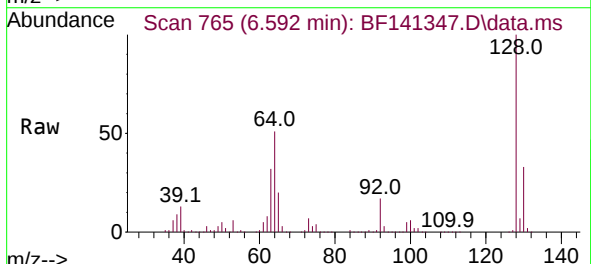
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Ion Ratio Lower Upper
99 100
42 21.6 17.1 25.7
71 34.5 26.9 40.3

Manual Integrations
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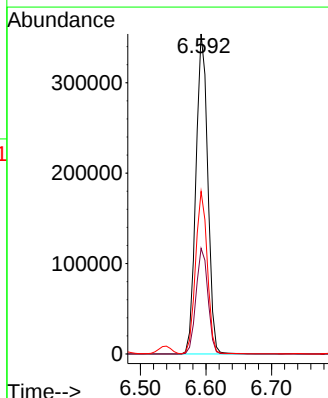
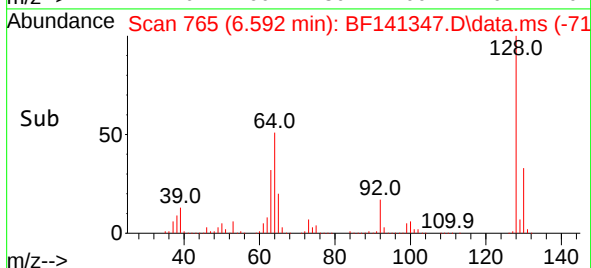
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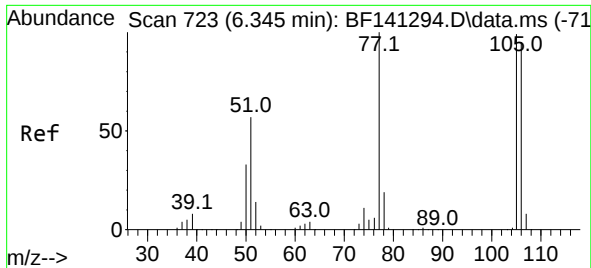


#8
2-Chlorophenol
Concen: 44.790 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion:128 Resp: 446696
Ion Ratio Lower Upper
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130 33.0 12.5 52.5
64 50.8 32.9 72.9





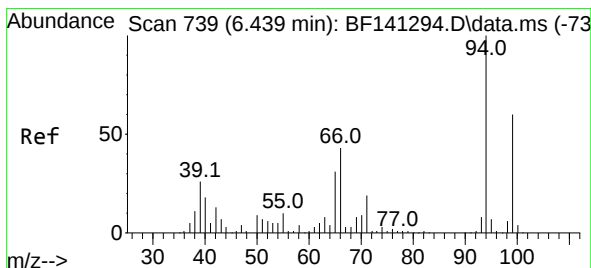
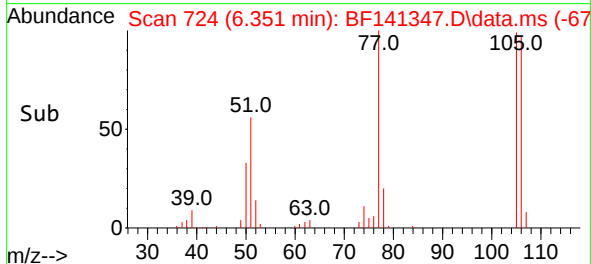
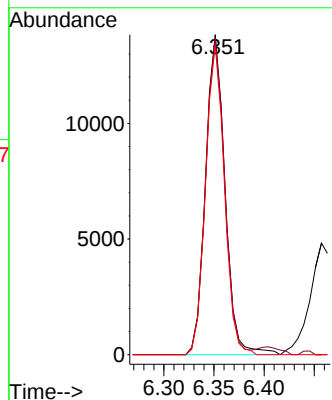
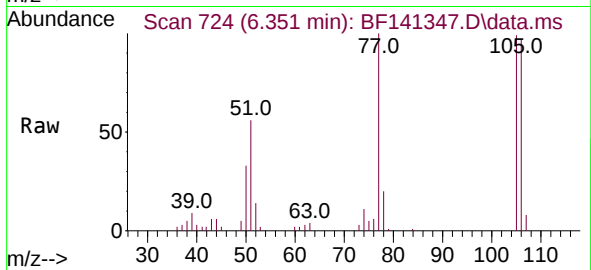
#9
Benzaldehyde
Concen: 2.729 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Instrument :
BNA_F
ClientSampleId :
VNJ-236MS

Tgt Ion: 77 Resp: 18708
Ion Ratio Lower Upper
77 100
105 98.9 79.4 119.4
106 96.7 74.6 114.6

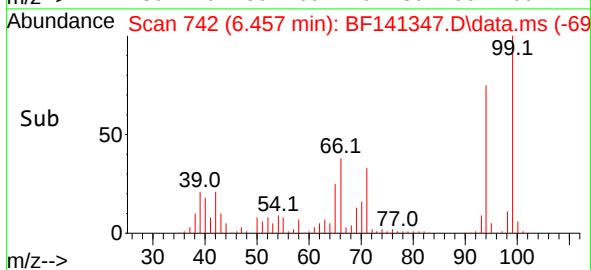
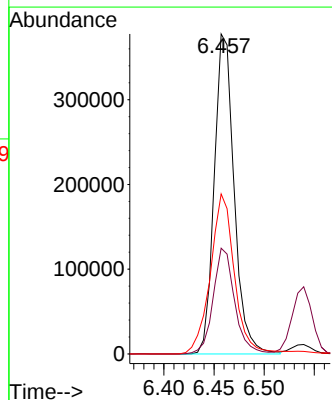
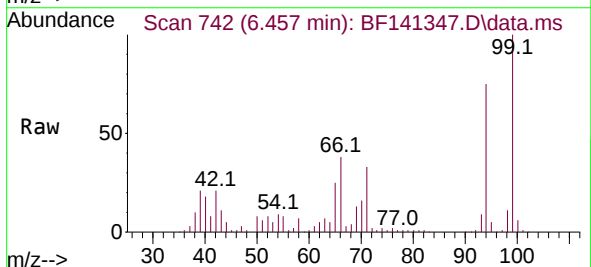
Manual Integrations
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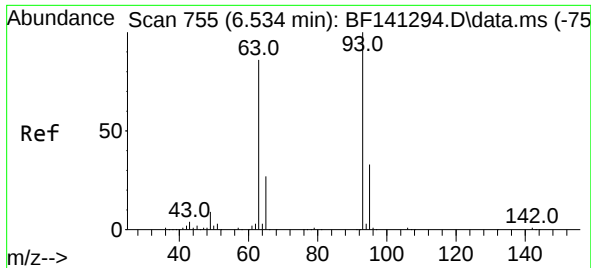
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Phenol
Concen: 41.489 ng
RT: 6.457 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Tgt Ion: 94 Resp: 520602
Ion Ratio Lower Upper
94 100
65 33.1 10.8 50.8
66 50.0 23.3 63.3





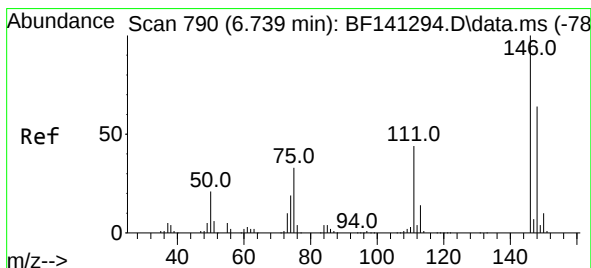
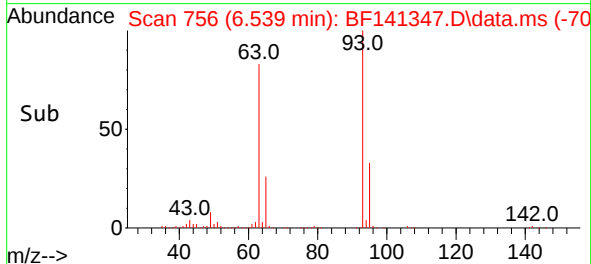
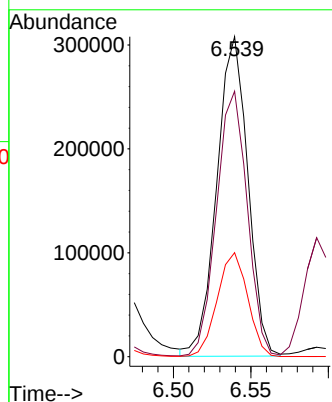
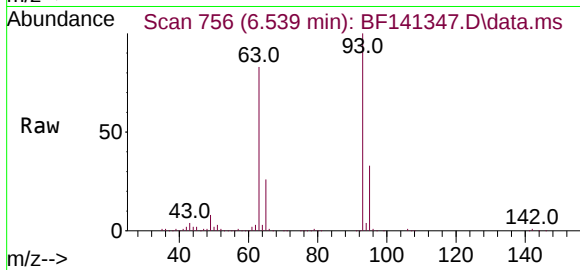
#11
bis(2-Chloroethyl)ether
Concen: 44.545 ng
RT: 6.539 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Instrument :
BNA_F
ClientSampleId :
VNJ-236MS

Tgt Ion: 93 Resp: 428560
Ion Ratio Lower Upper
93 100
63 83.0 65.0 105.0
95 32.5 12.4 52.4

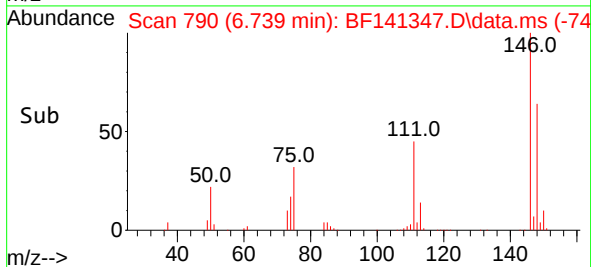
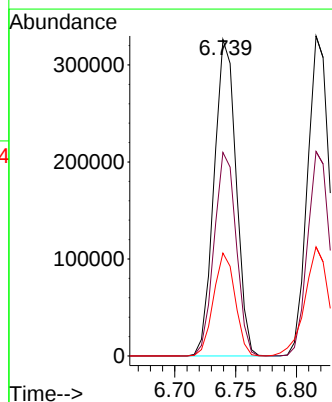
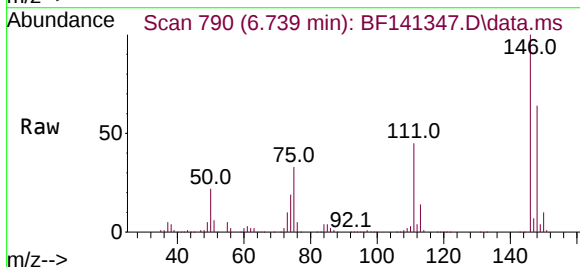
Manual Integrations
APPROVED

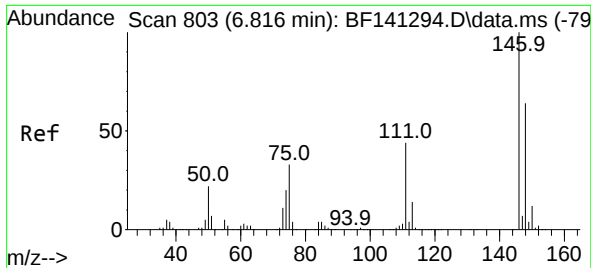
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 37.404 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Tgt Ion:146 Resp: 411312
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 32.5 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 37.208 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

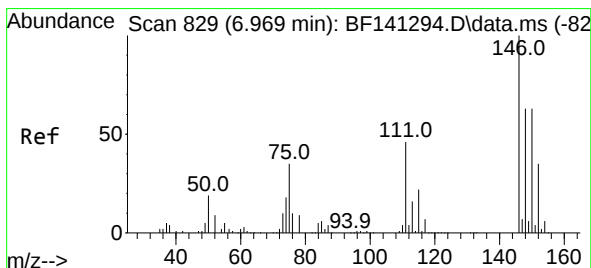
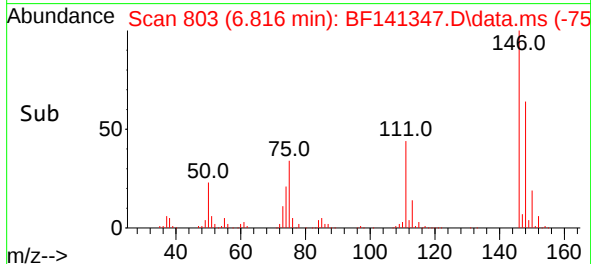
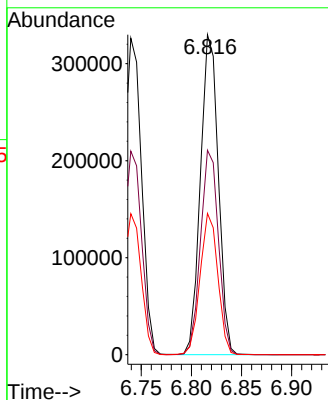
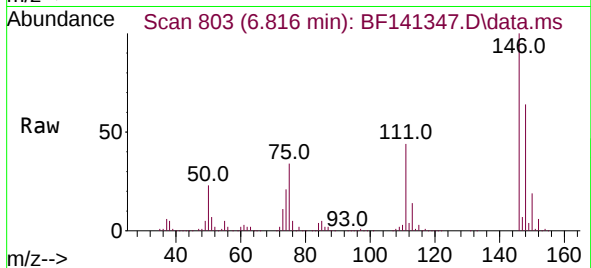
ClientSampleId :

VNJ-236MS

Tgt Ion:146 Resp: 41103
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 44.1 35.0 52.4

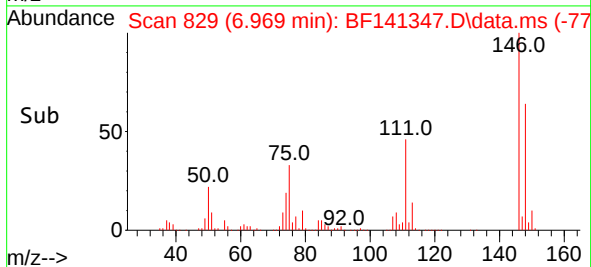
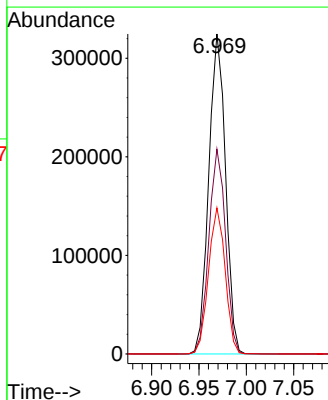
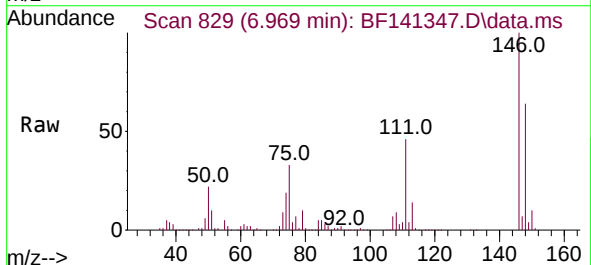
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#14
1,2-Dichlorobenzene
Concen: 38.660 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

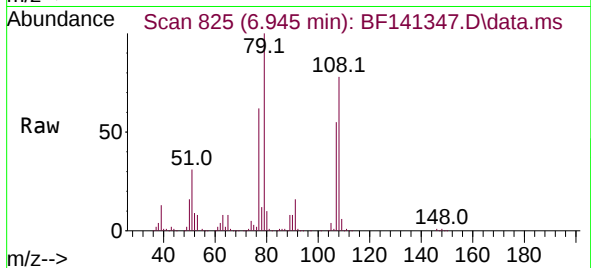
Tgt Ion:146 Resp: 399916
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
111 45.7 36.6 55.0





#15
Benzyl Alcohol
Concen: 47.511 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

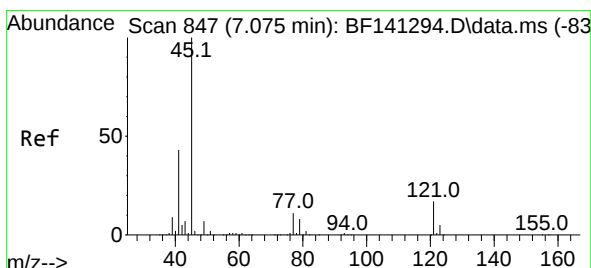
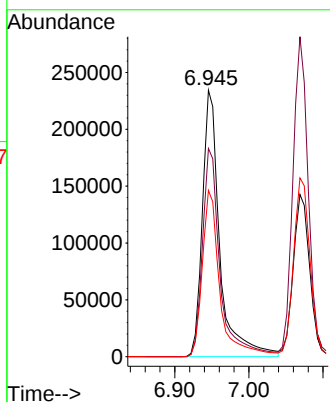
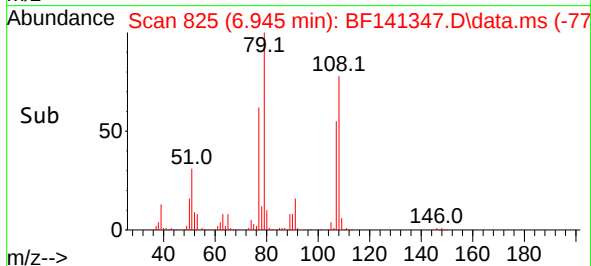
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



Tgt Ion: 79 Resp: 38433
Ion Ratio Lower Upper
79 100
108 78.1 61.4 92.0
77 62.3 49.9 74.9

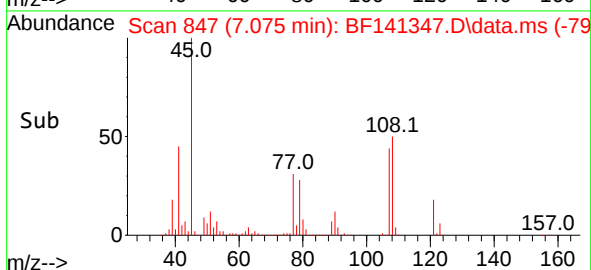
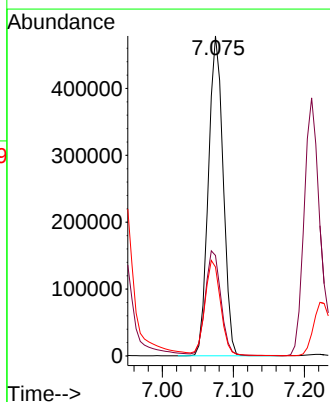
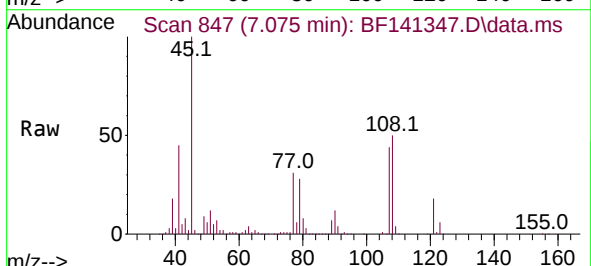
Manual Integrations
APPROVED

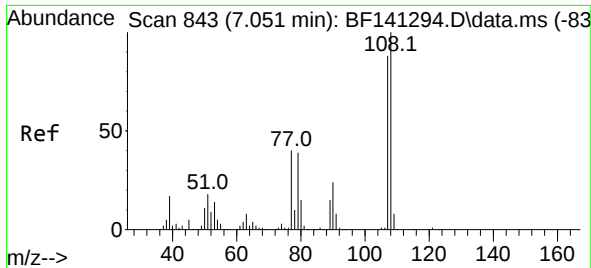
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.226 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

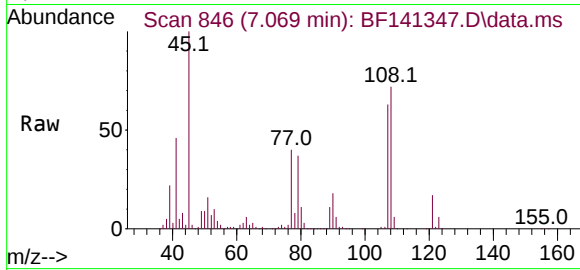
Tgt Ion: 45 Resp: 689709
Ion Ratio Lower Upper
45 100
77 31.4 0.0 31.8
79 27.8 0.0 29.1





#17
2-Methylphenol
Concen: 43.344 ng
RT: 7.069 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

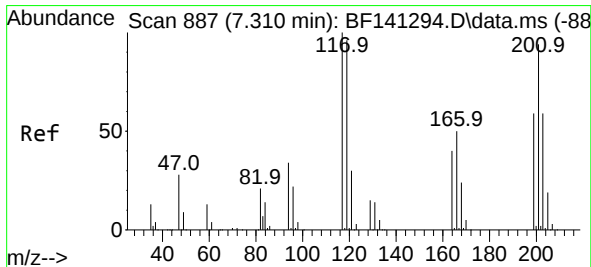
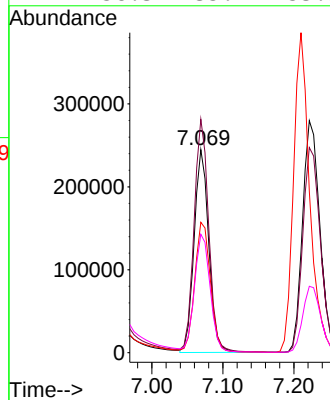
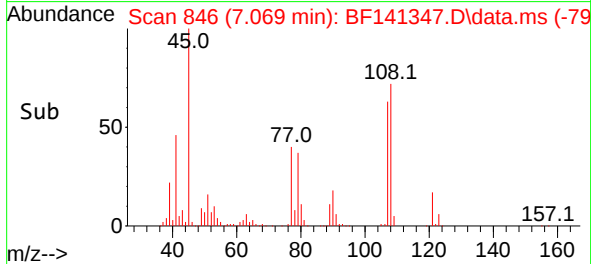
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



Tgt Ion:107 Resp: 351328
Ion Ratio Lower Upper
107 100
108 115.0 90.8 136.2
77 64.2 36.2 54.4
79 58.3 35.7 53.5#

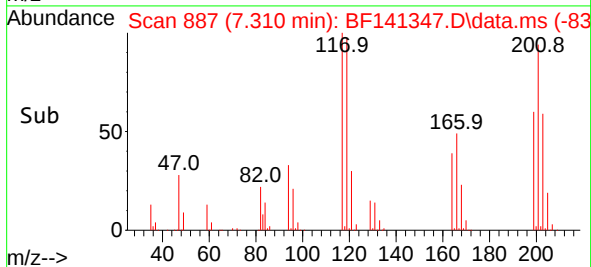
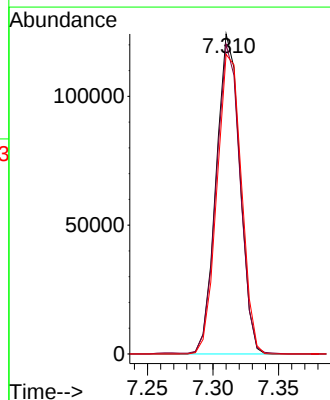
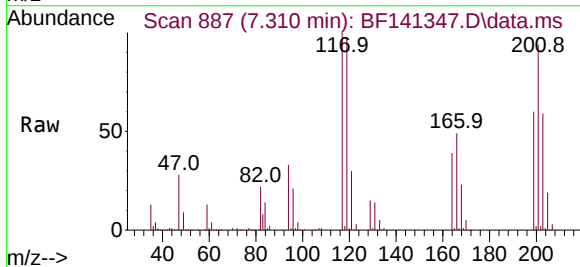
Manual Integrations
APPROVED

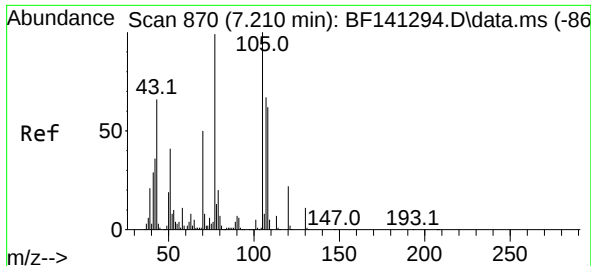
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 38.254 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

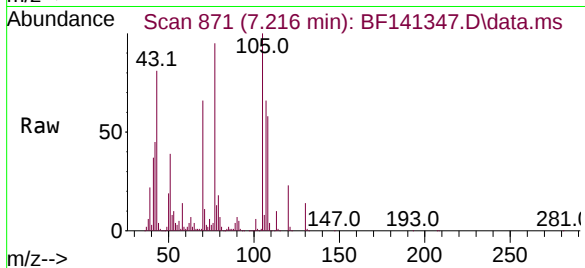
Tgt Ion:117 Resp: 155897
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8
201 93.6 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.444 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

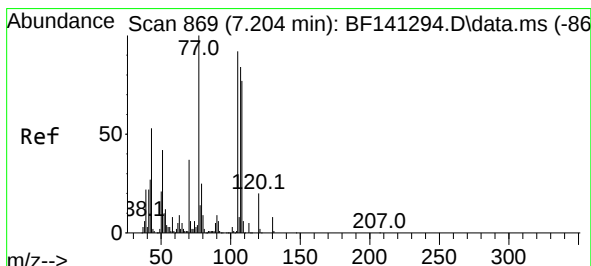
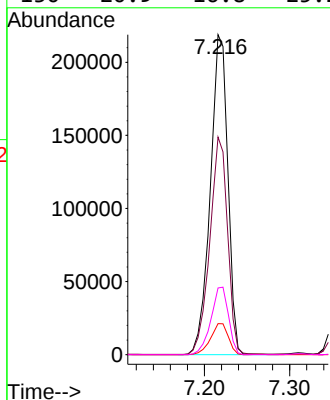
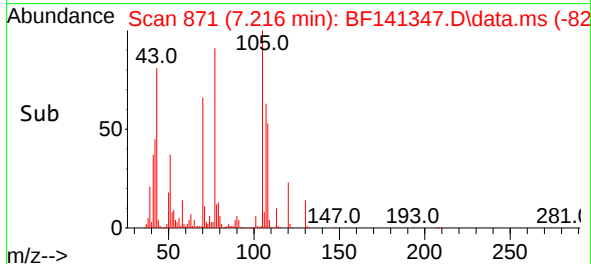
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



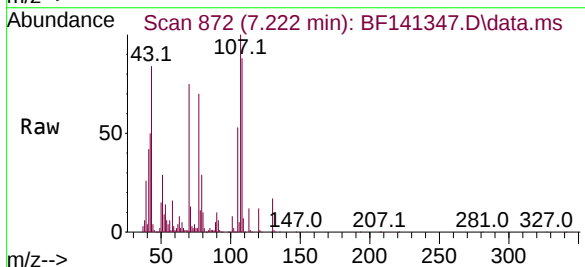
Tgt Ion: 70 Resp: 312600
Ion Ratio Lower Upper
70 100
42 68.0 56.8 85.2
101 9.7 7.7 11.5
130 20.9 16.8 25.2

Manual Integrations
APPROVED

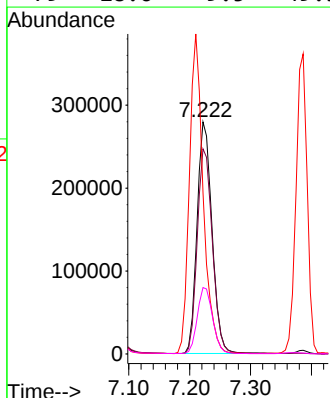
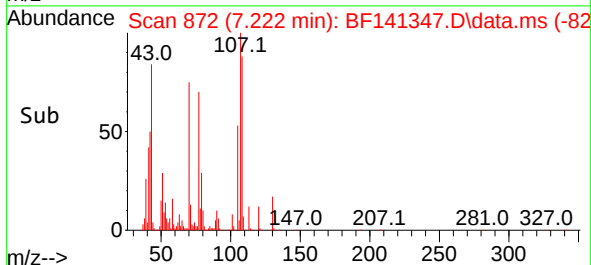
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

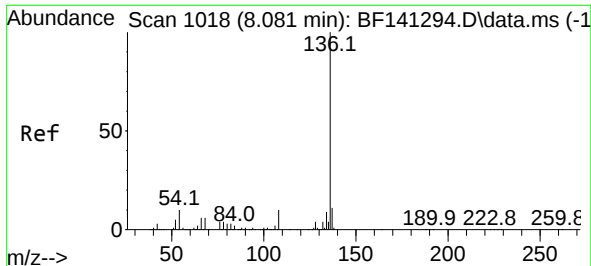


#20
3+4-Methylphenols
Concen: 47.720 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



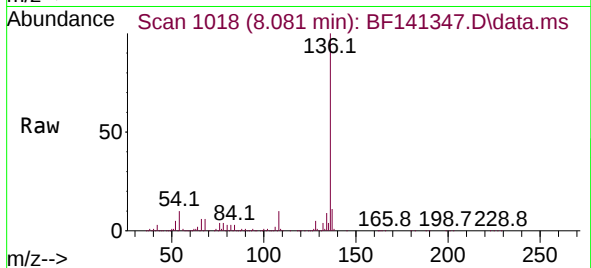
Tgt Ion:107 Resp: 474928
Ion Ratio Lower Upper
107 100
108 88.4 70.9 110.9
77 69.6 98.5 138.5#
79 28.6 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

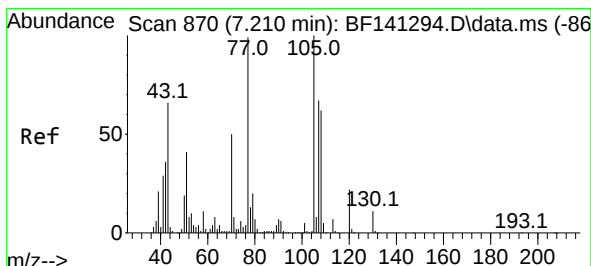
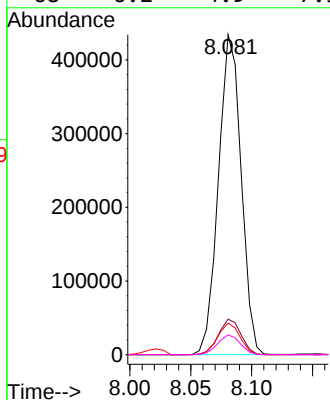
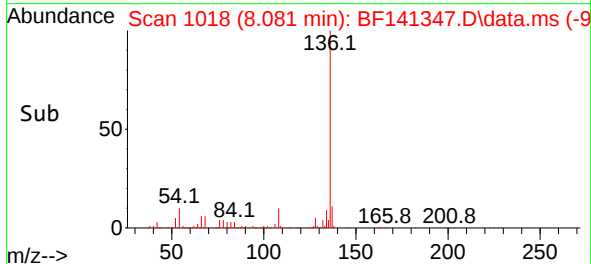
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



Tgt Ion:	136	Resp:	564000
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	9.8	7.8	11.8
68	6.2	4.9	7.3

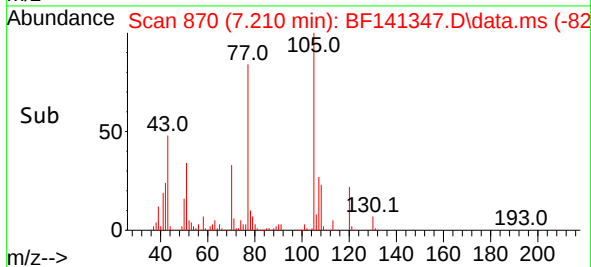
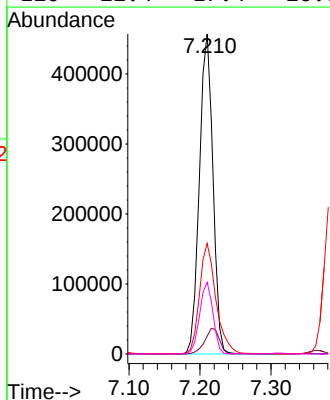
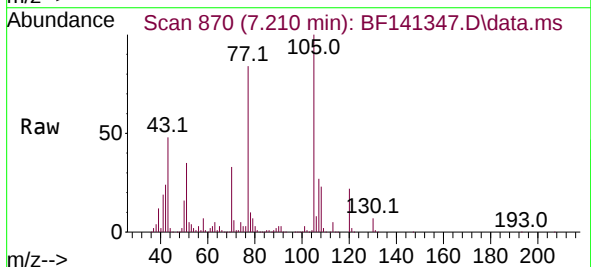
Manual Integrations
APPROVED

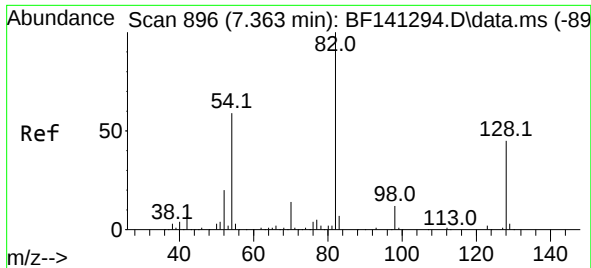
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Acetophenone
Concen: 45.303 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Tgt Ion:	105	Resp:	607354
Ion Ratio	Lower	Upper	
105	100		
71	5.6	6.8	10.2#
51	34.5	32.6	49.0
120	22.4	17.4	26.0





#23
Nitrobenzene-d5
Concen: 89.198 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

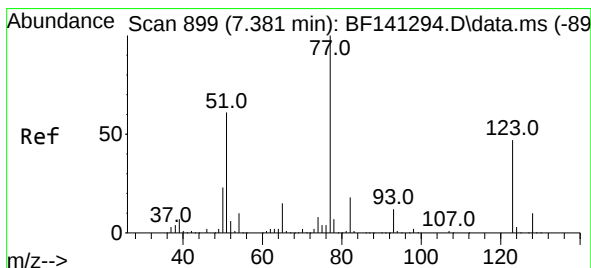
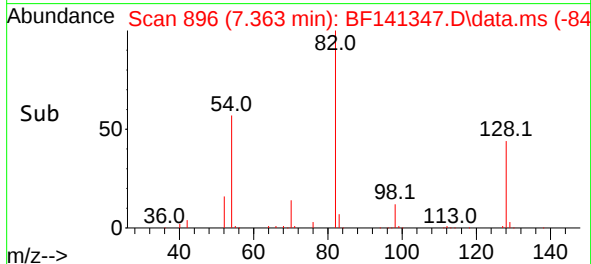
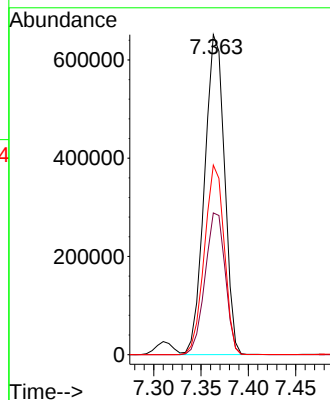
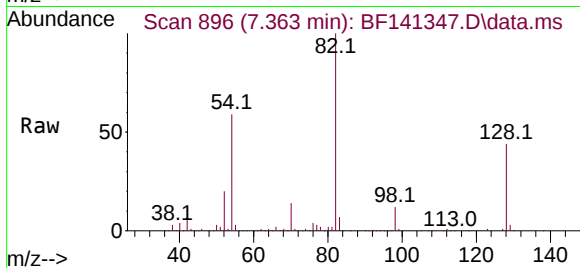
VNJ-236MS

Tgt Ion: 82 Resp: 95431
Ion Ratio Lower Upper
82 100
128 44.3 35.7 53.5
54 59.2 47.1 70.7

Manual Integrations

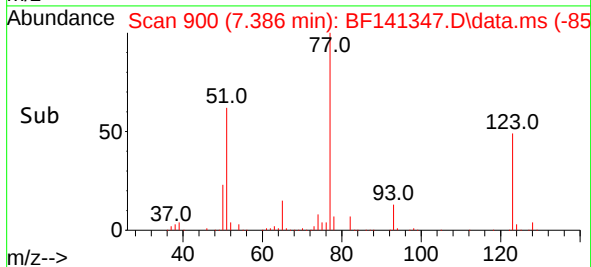
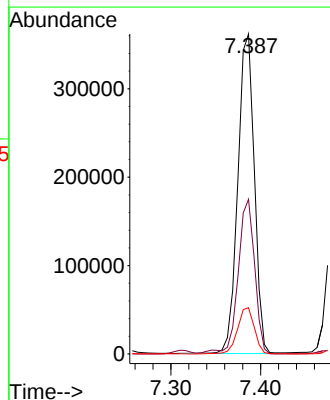
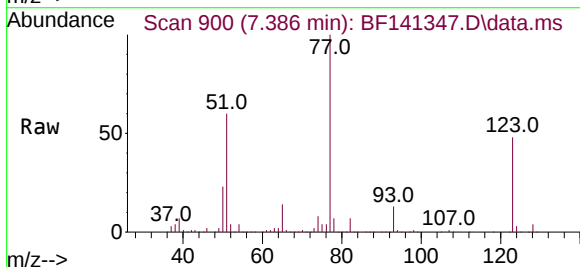
APPROVED

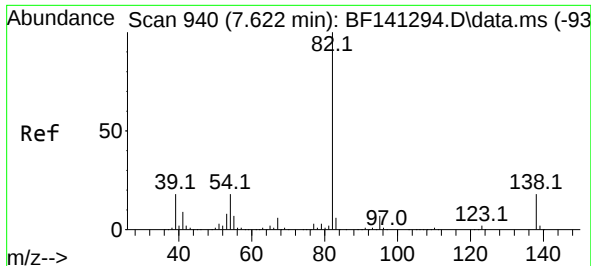
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#24
Nitrobenzene
Concen: 41.666 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

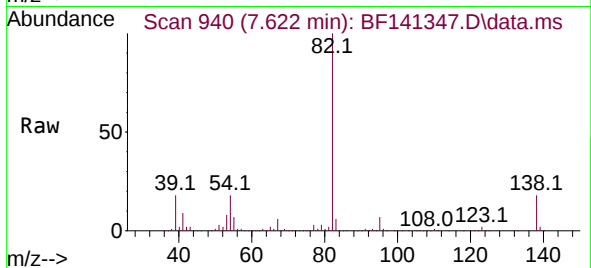
Tgt Ion: 77 Resp: 461964
Ion Ratio Lower Upper
77 100
123 48.3 37.3 55.9
65 14.5 11.8 17.6





#25
Isophorone
Concen: 46.499 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

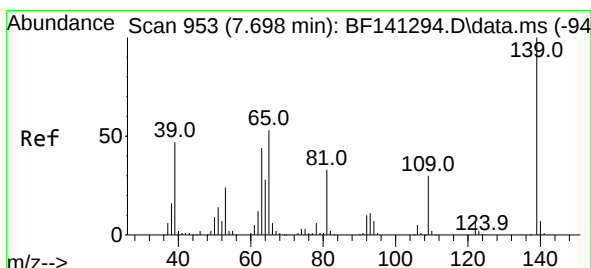
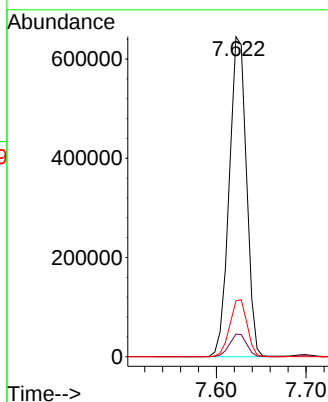
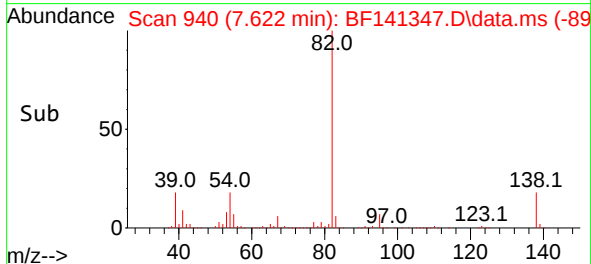
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



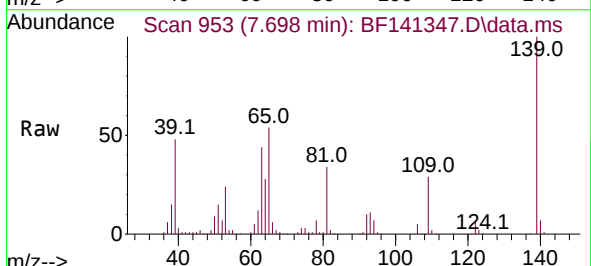
Tgt Ion: 82 Resp: 859945
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 17.5 14.7 22.1

Manual Integrations
APPROVED

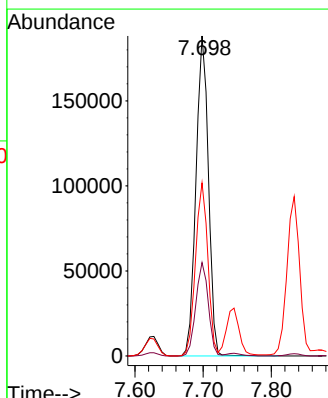
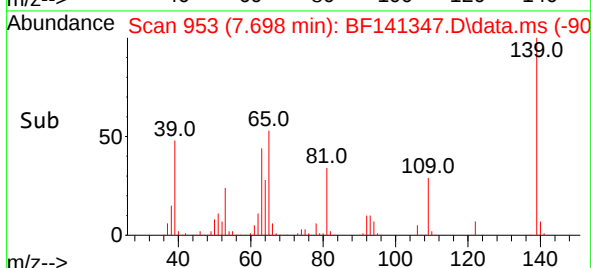
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

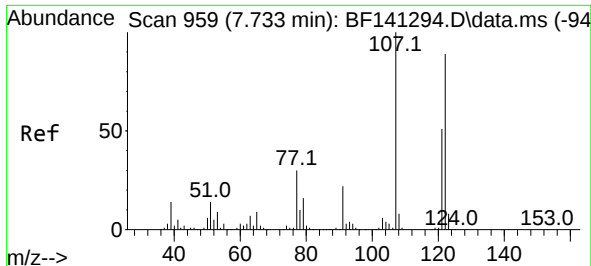


#26
2-Nitrophenol
Concen: 45.517 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion:139 Resp: 238004
Ion Ratio Lower Upper
139 100
109 29.2 23.8 35.6
65 54.1 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 55.019 ng m

RT: 7.745 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141347.D

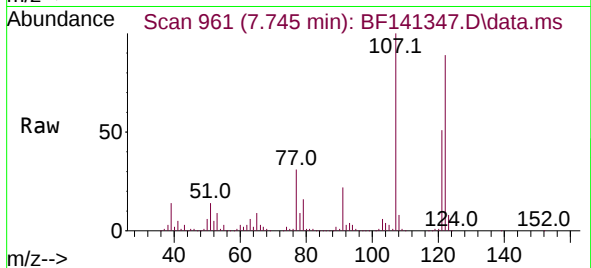
Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

VNJ-236MS



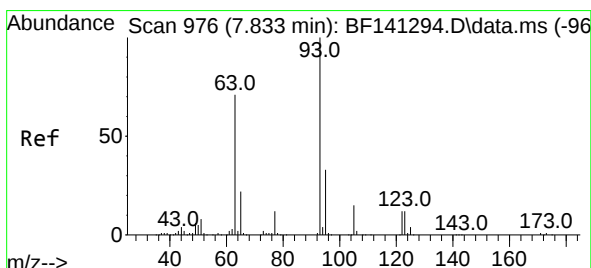
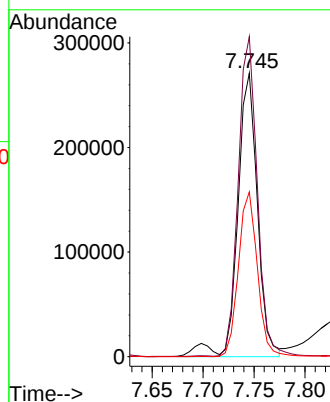
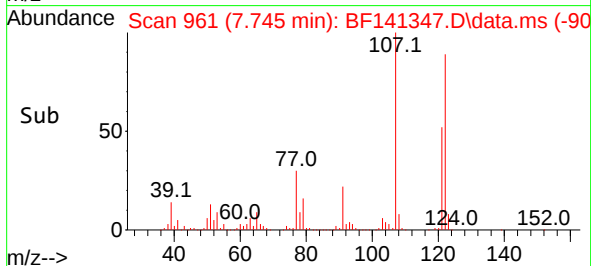
Tgt Ion:122 Resp: 36618

Ion	Ratio	Lower	Upper
122	100		
107	112.9	89.9	134.9
121	58.1	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.718 ng

RT: 7.834 min Scan# 976

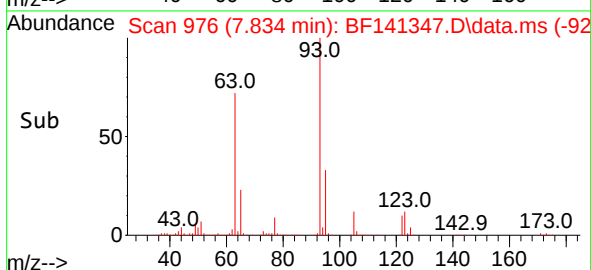
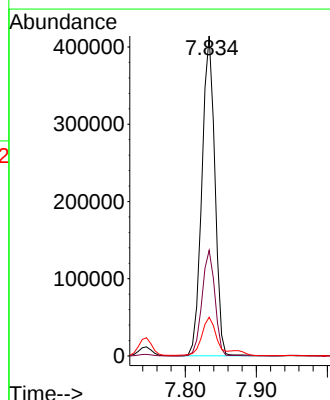
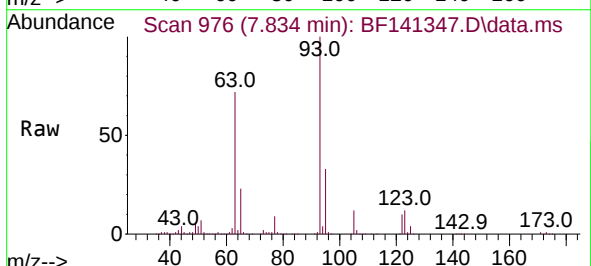
Delta R.T. -0.006 min

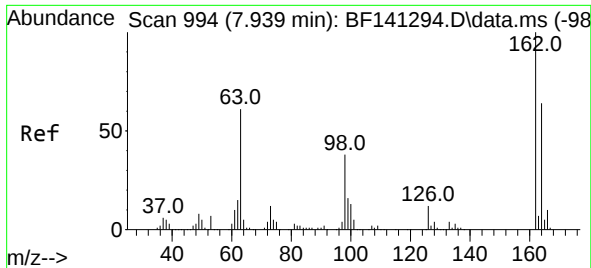
Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

Tgt Ion: 93 Resp: 527526

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	12.1	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 47.005 ng

RT: 7.951 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

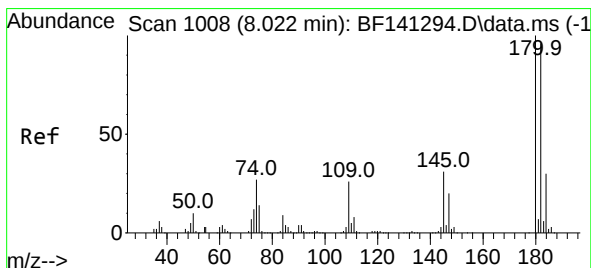
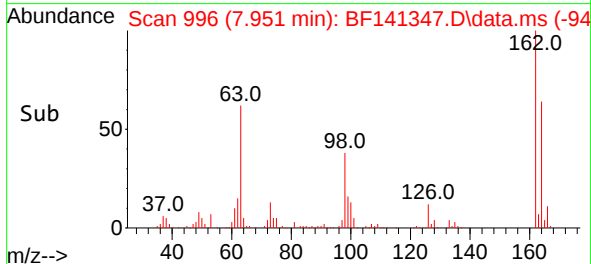
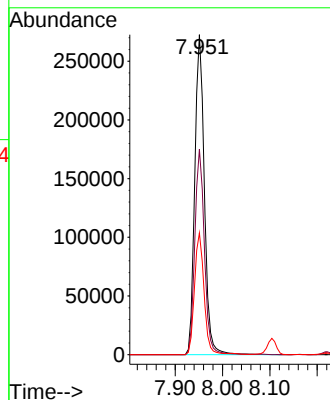
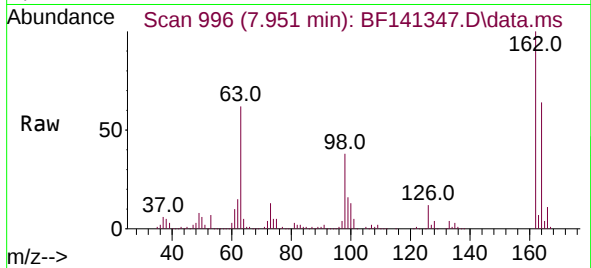
VNJ-236MS

Tgt Ion:162 Resp: 382994
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.2 84.2
 98 38.0 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.491 ng

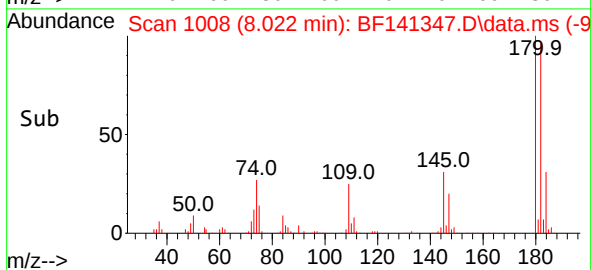
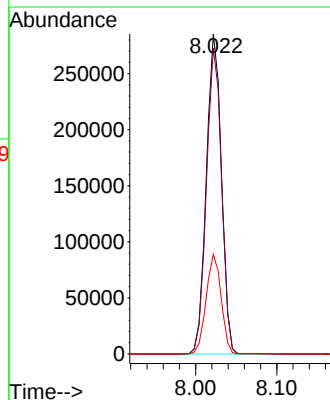
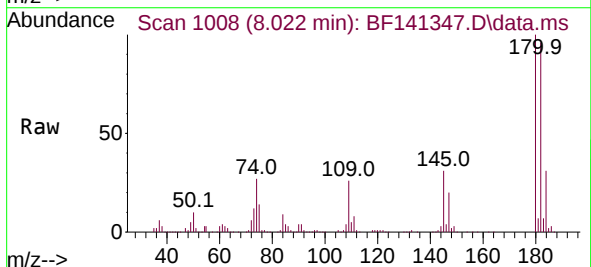
RT: 8.022 min Scan# 1008

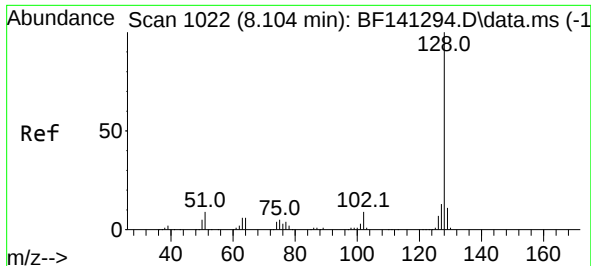
Delta R.T. -0.006 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

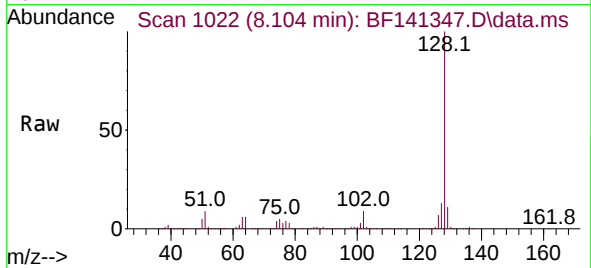
Tgt Ion:180 Resp: 367470
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.4 114.6
 145 31.1 24.9 37.3





#31
Naphthalene
Concen: 42.152 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

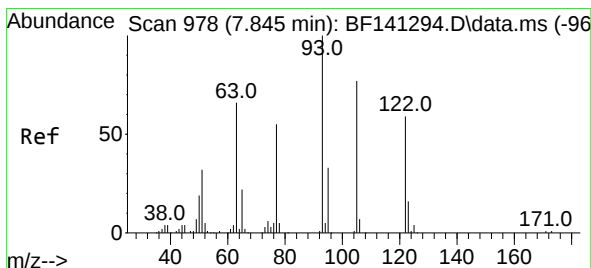
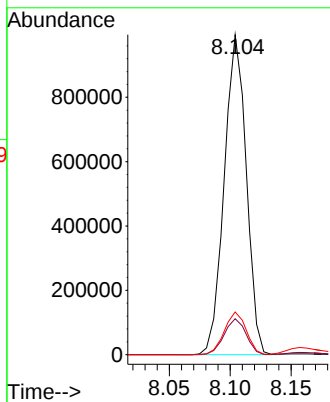
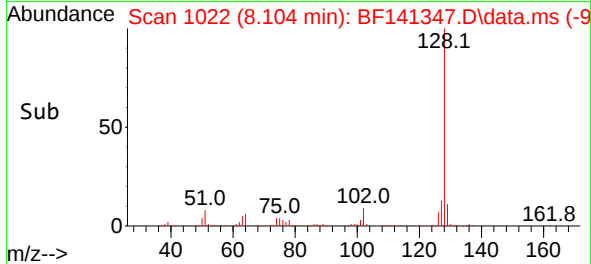
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



Tgt Ion:128 Resp: 125590
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 15.8

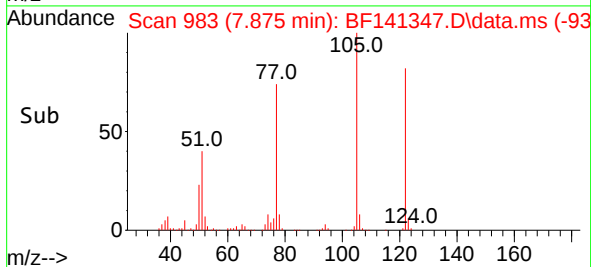
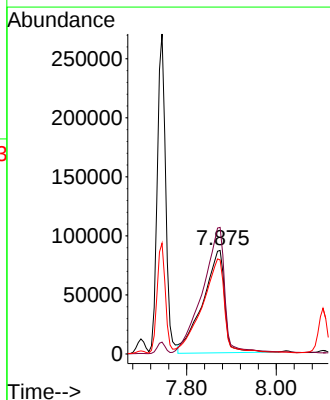
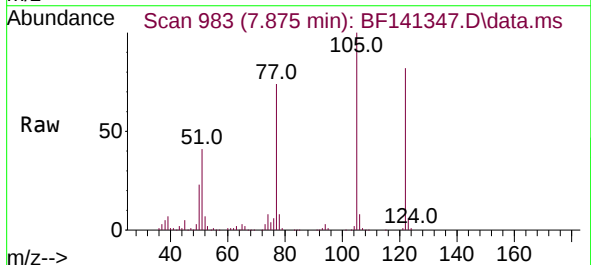
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 48.138 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Tgt Ion:122 Resp: 294524
Ion Ratio Lower Upper
122 100
105 122.1 103.4 143.4
77 90.8 70.9 110.9





#33

4-Chloroaniline

Concen: 5.648 ng

RT: 8.157 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

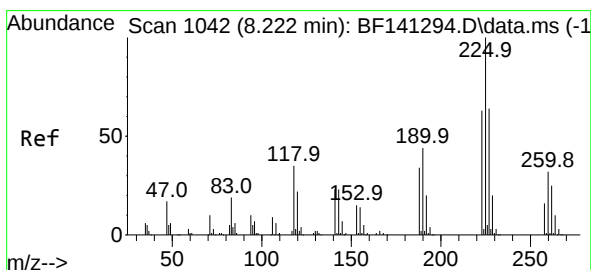
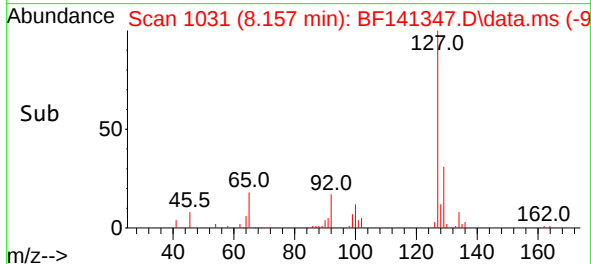
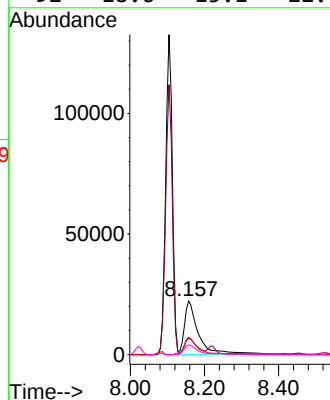
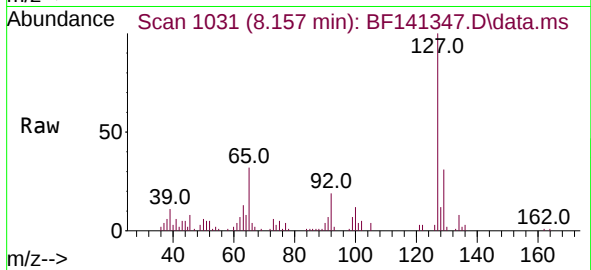
VNJ-236MS

Tgt Ion:	127	Resp:	5706
Ion Ratio	Lower	Upper	
127	100		
129	31.0	25.7	38.5
65	32.4	26.4	39.6
92	18.6	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#34

Hexachlorobutadiene

Concen: 39.847 ng

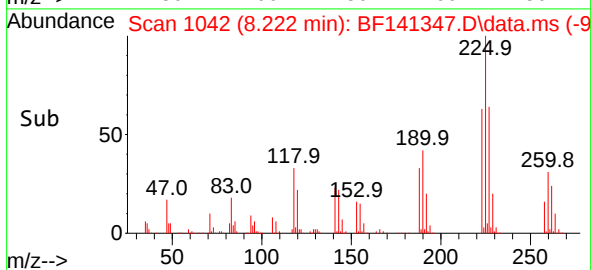
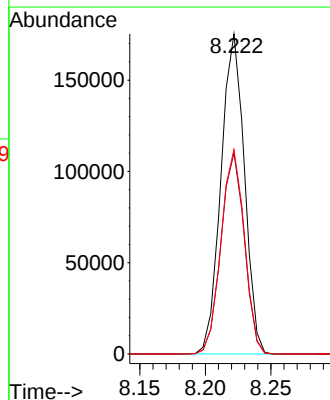
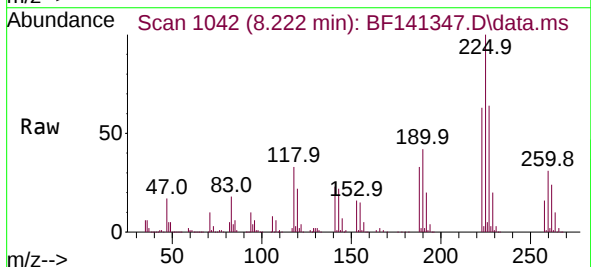
RT: 8.222 min Scan# 1042

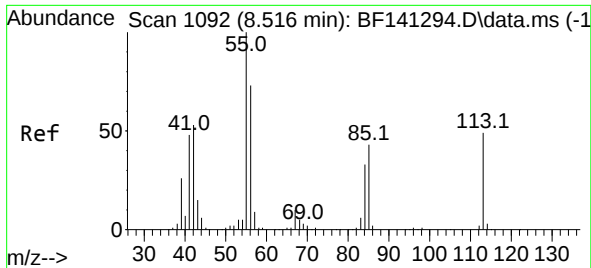
Delta R.T. -0.000 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

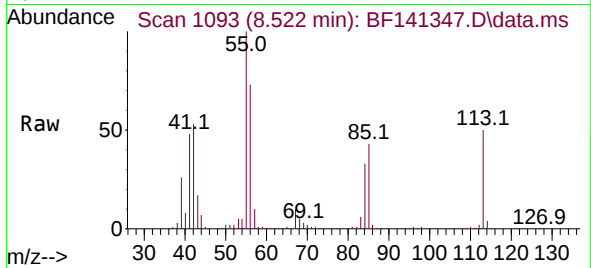
Tgt Ion:	225	Resp:	217440
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.4	75.6
227	63.9	51.3	76.9





#35
Caprolactam
Concen: 42.249 ng m
RT: 8.522 min Scan# 1109
Delta R.T. -0.024 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

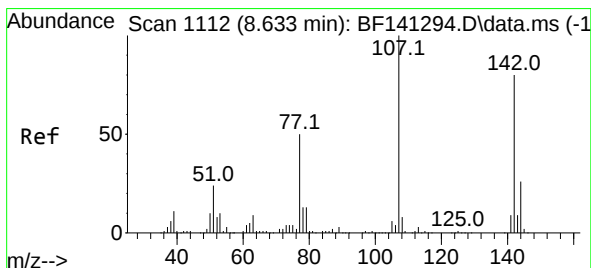
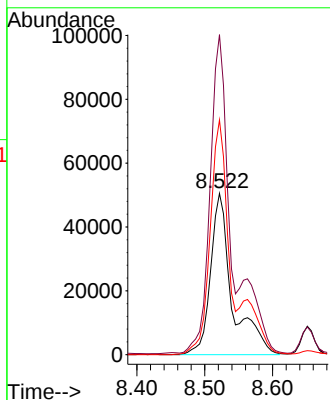
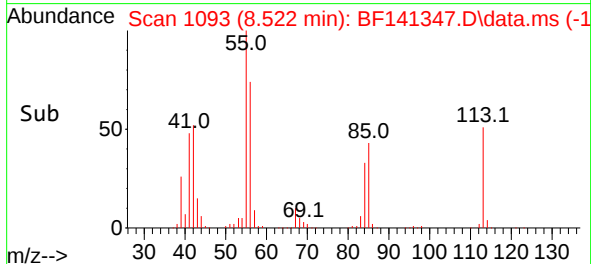
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



Tgt Ion:113 Resp: 112420
Ion Ratio Lower Upper
113 100
55 198.4 182.9 222.9
56 145.5 127.9 167.9

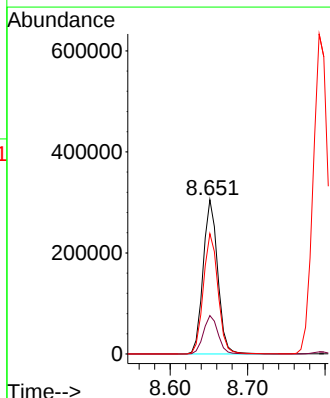
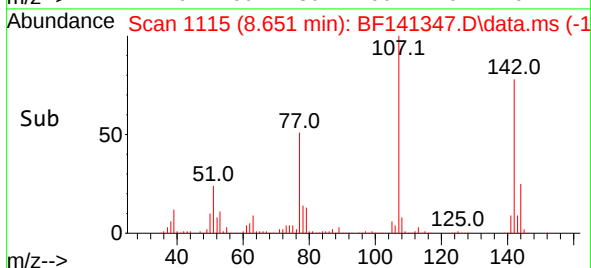
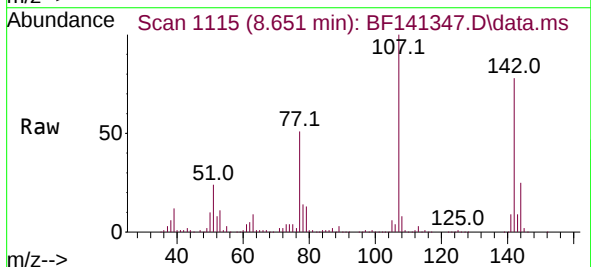
Manual Integrations
APPROVED

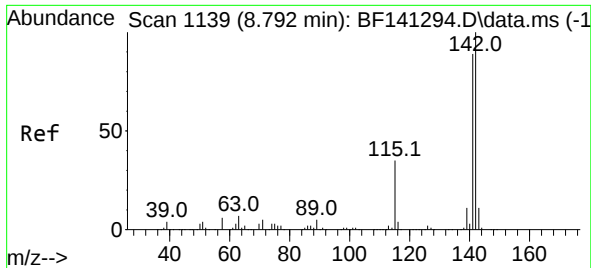
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#36
4-Chloro-3-methylphenol
Concen: 45.654 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.012 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Tgt Ion:107 Resp: 399006
Ion Ratio Lower Upper
107 100
144 24.9 20.7 31.1
142 78.0 63.8 95.8





#37
2-Methylnaphthalene
Concen: 43.997 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

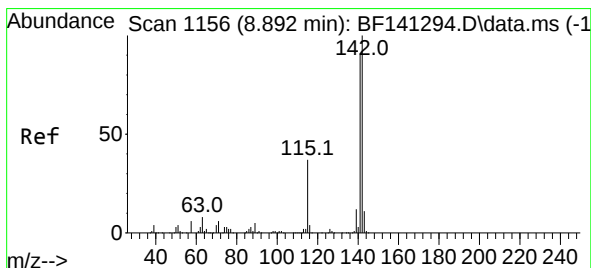
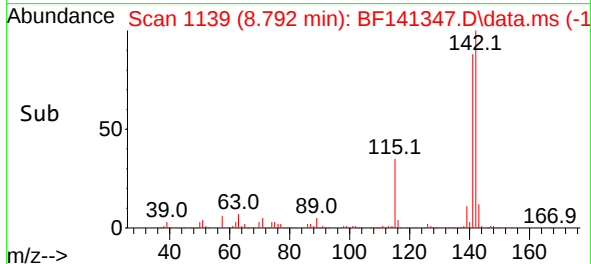
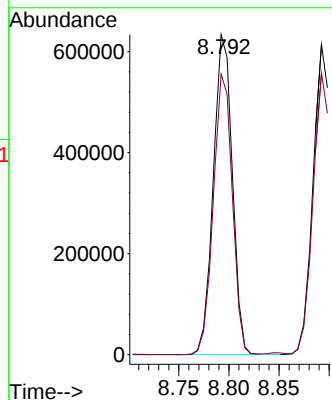
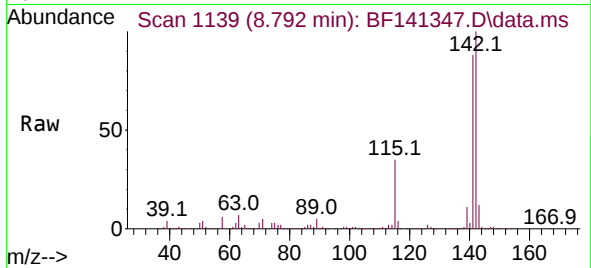
VNJ-236MS

Tgt Ion:142 Resp: 833174
Ion Ratio Lower Upper
142 100
141 87.6 71.3 106.9

Manual Integrations

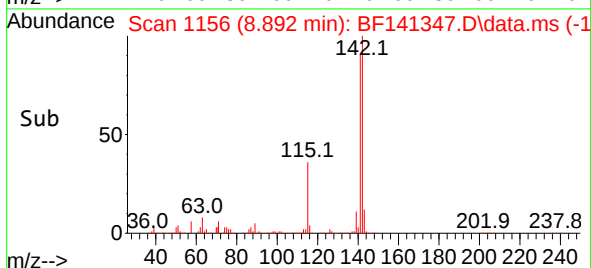
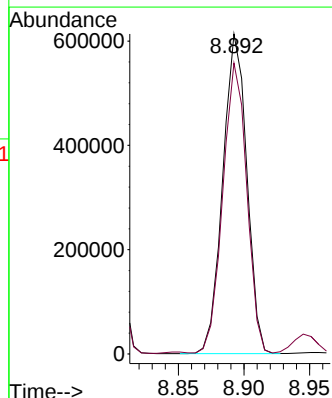
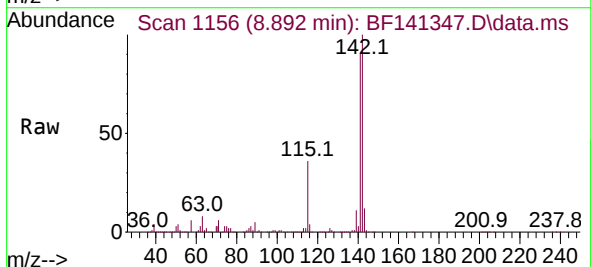
APPROVED

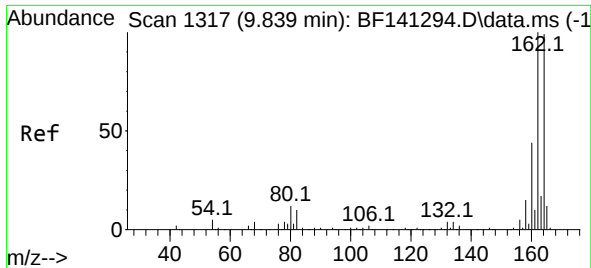
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 41.964 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

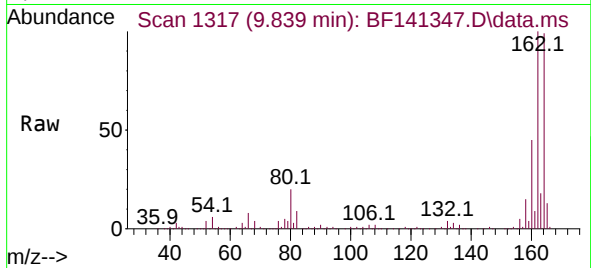
Tgt Ion:142 Resp: 780629
Ion Ratio Lower Upper
142 100
141 90.9 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

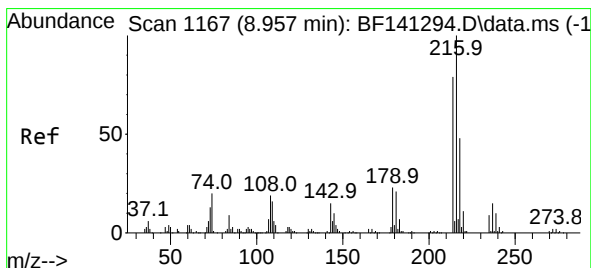
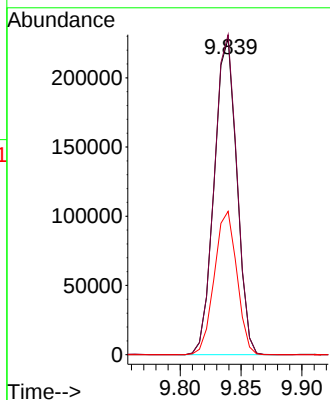
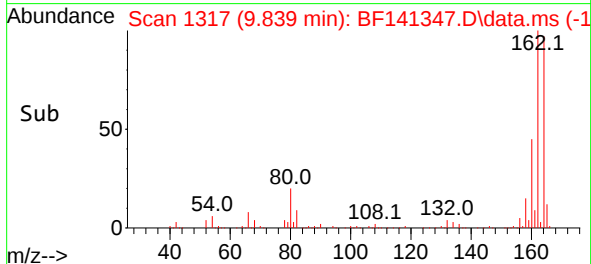
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



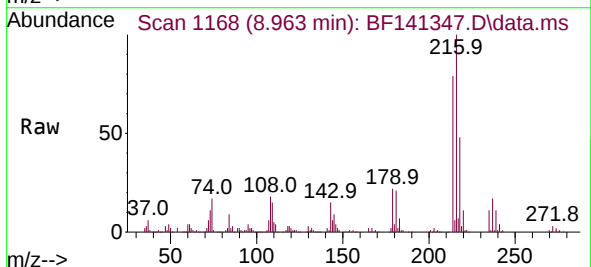
Tgt Ion:164 Resp: 294750
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 45.4 35.8 53.6

Manual Integrations
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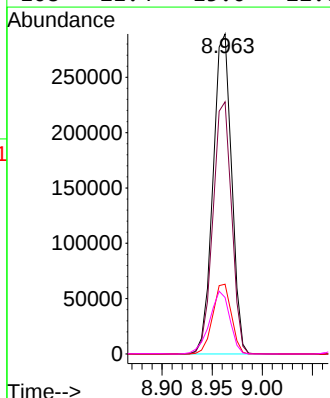
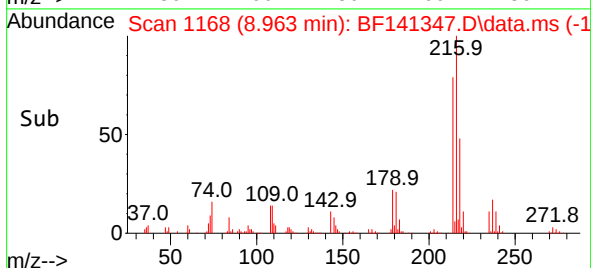
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.357 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



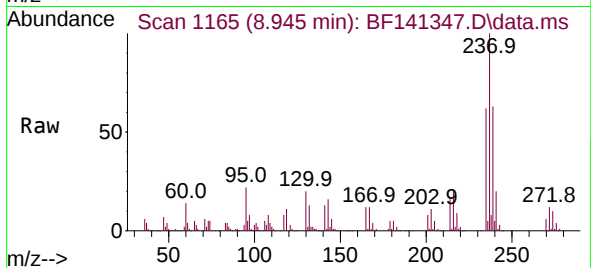
Tgt Ion:216 Resp: 371956
Ion Ratio Lower Upper
216 100
214 79.1 63.2 94.8
179 21.9 17.8 26.8
108 21.4 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 155.052 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

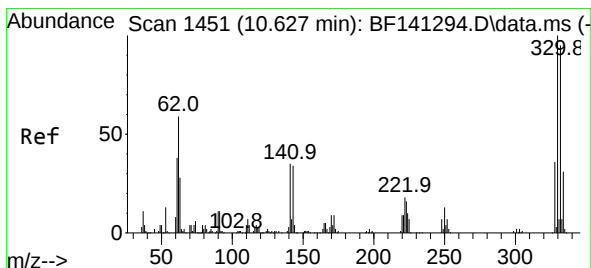
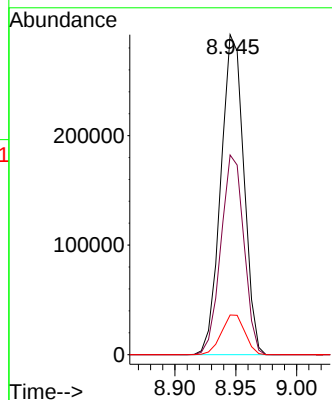
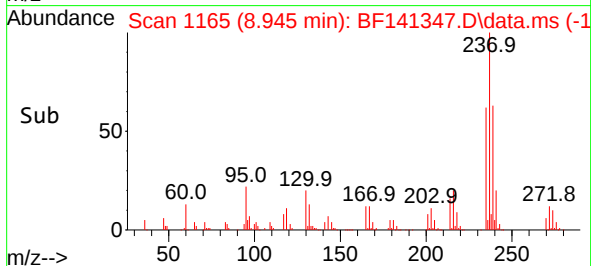
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



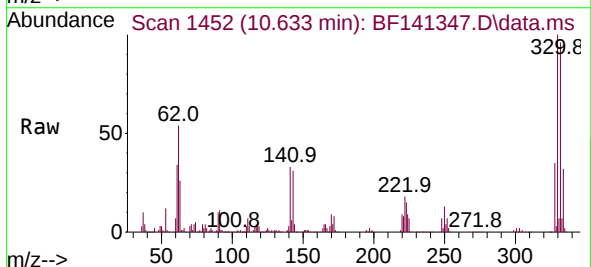
Tgt Ion:237 Resp: 38398
Ion Ratio Lower Upper
237 100
235 62.4 42.9 82.9
272 12.4 0.0 32.8

Manual Integrations
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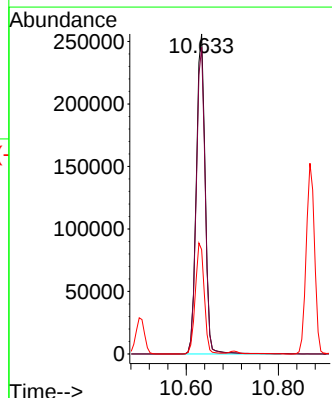
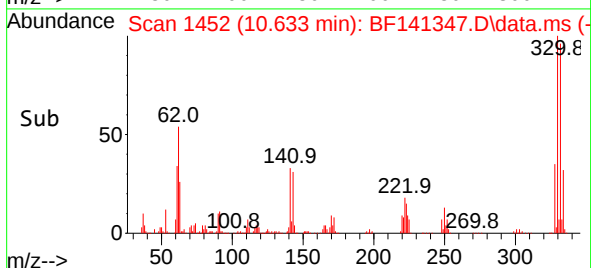
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#42
2,4,6-Tribromophenol
Concen: 125.791 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



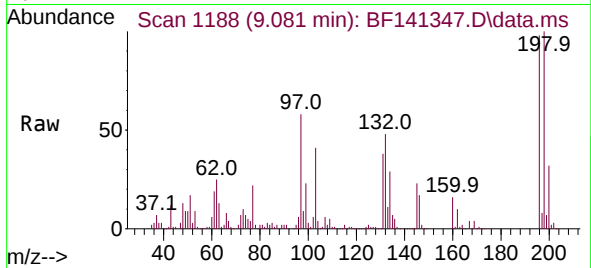
Tgt Ion:330 Resp: 339916
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 35.1 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 47.316 ng
RT: 9.081 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

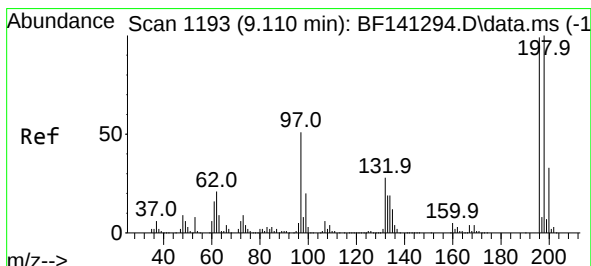
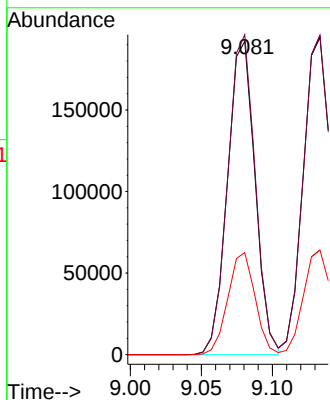
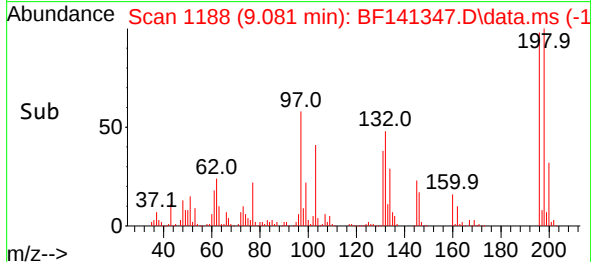
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



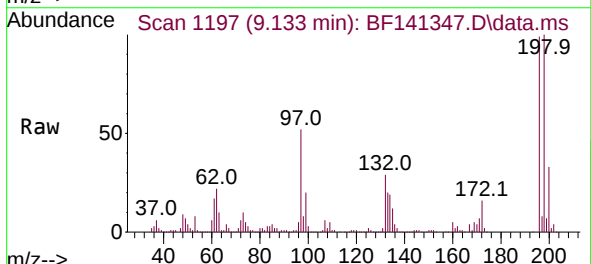
Tgt Ion:196 Resp: 259699
Ion Ratio Lower Upper
196 100
198 102.1 81.8 122.6
200 32.6 26.3 39.5

Manual Integrations
APPROVED

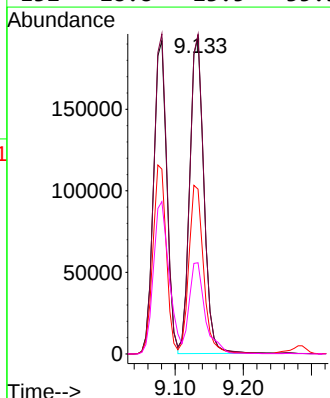
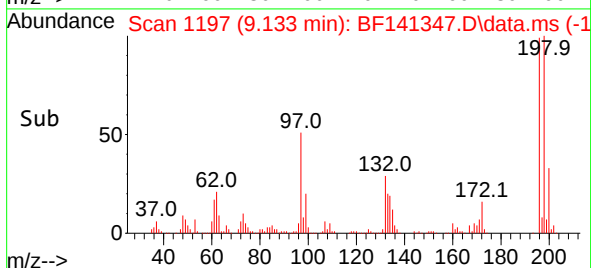
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

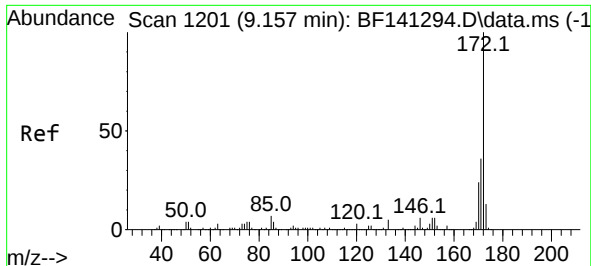


#44
2,4,5-Trichlorophenol
Concen: 46.565 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.017 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



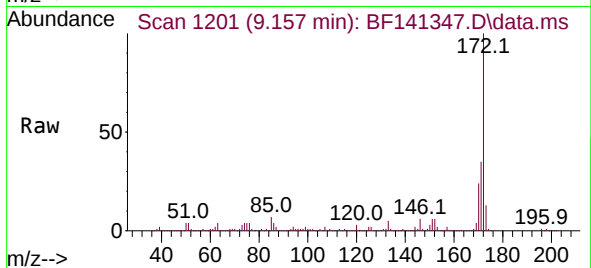
Tgt Ion:196 Resp: 278164
Ion Ratio Lower Upper
196 100
198 100.7 80.5 120.7
97 51.9 42.8 64.2
132 28.8 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 86.431 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

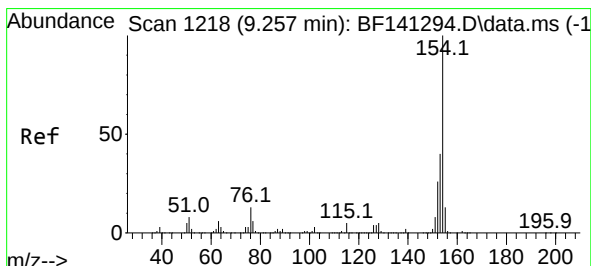
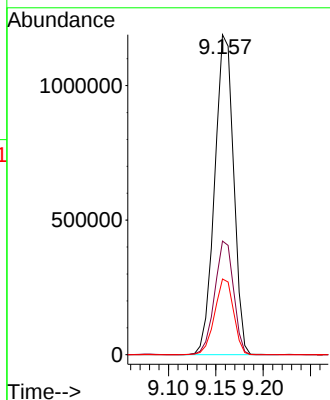
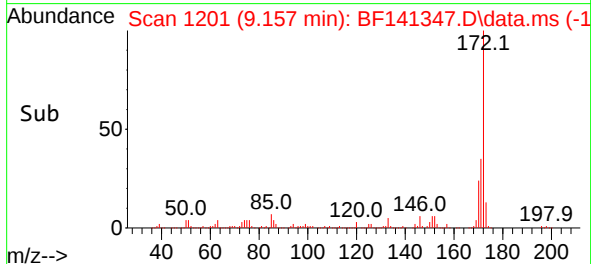
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



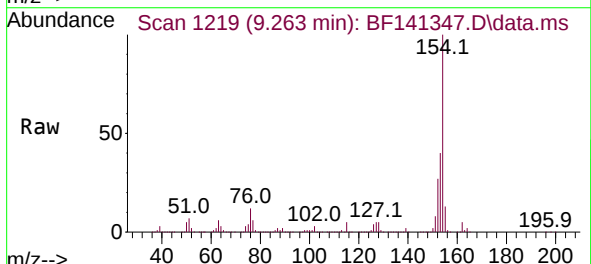
Tgt Ion:172 Resp: 1655154
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 19.0 28.6

Manual Integrations
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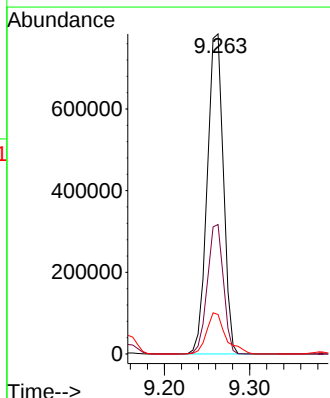
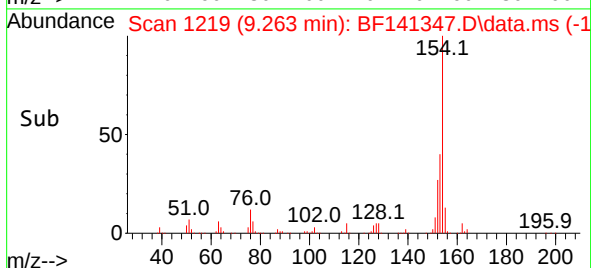
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

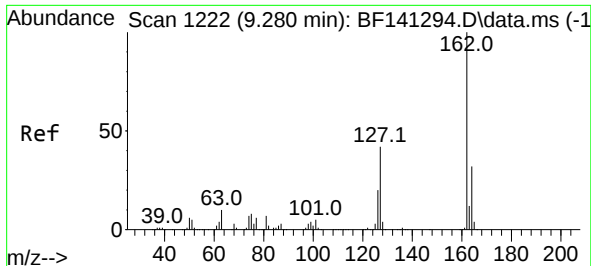


#46
1,1'-Biphenyl
Concen: 44.880 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion:154 Resp: 1031667
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 12.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 43.094 ng

RT: 9.286 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

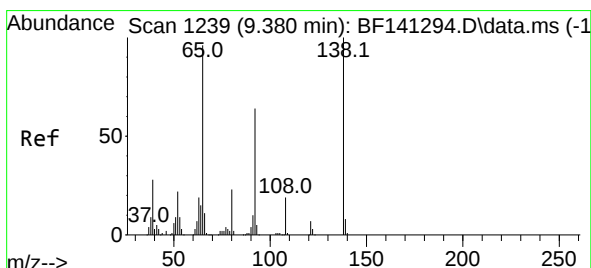
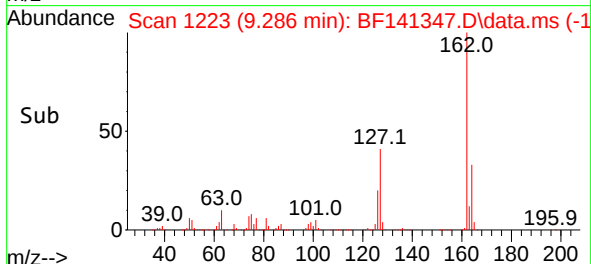
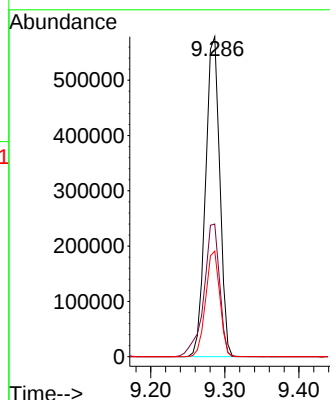
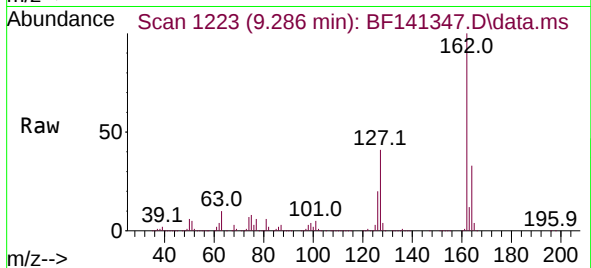
VNJ-236MS

Tgt Ion:162 Resp: 772138
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.7 50.5
 164 33.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#48

2-Nitroaniline

Concen: 47.201 ng

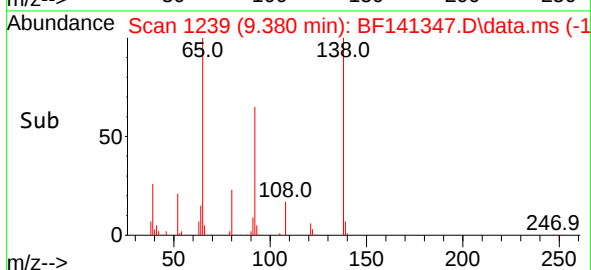
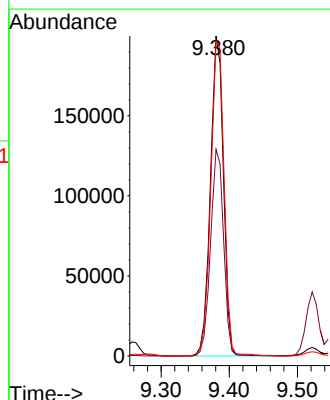
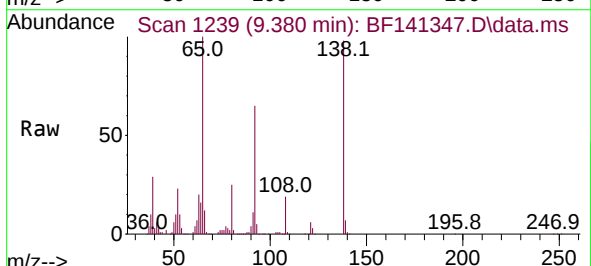
RT: 9.380 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

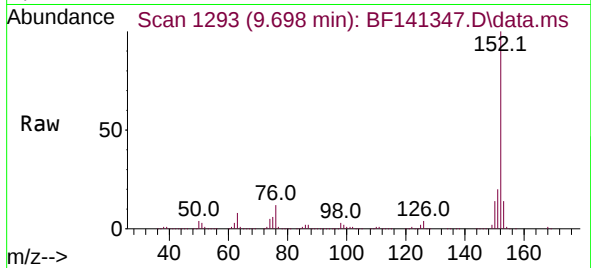
Tgt Ion: 65 Resp: 266013
 Ion Ratio Lower Upper
 65 100
 92 64.5 53.3 79.9
 138 98.4 83.6 125.4





#49
Acenaphthylene
Concen: 47.667 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

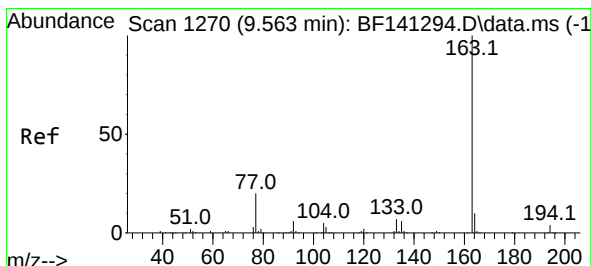
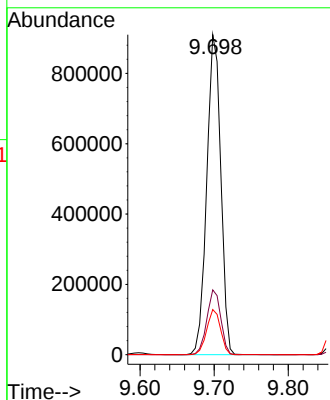
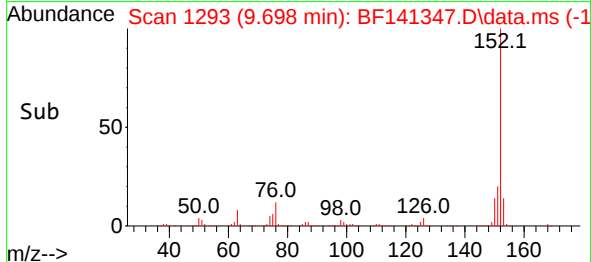
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



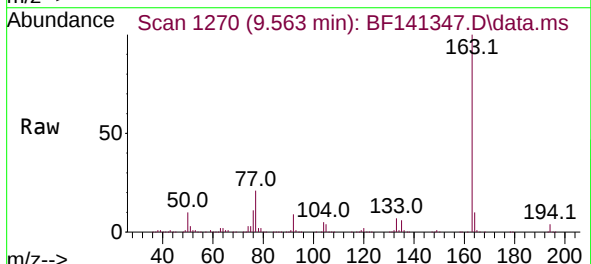
Tgt Ion:152 Resp: 119554
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.1 11.0 16.6

Manual Integrations
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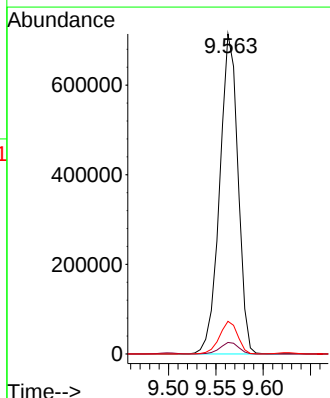
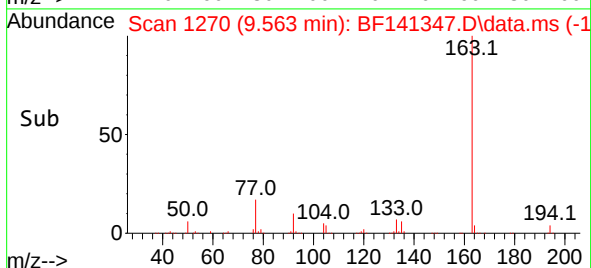
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

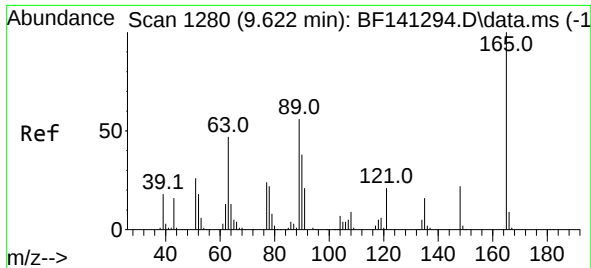


#50
Dimethylphthalate
Concen: 48.350 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



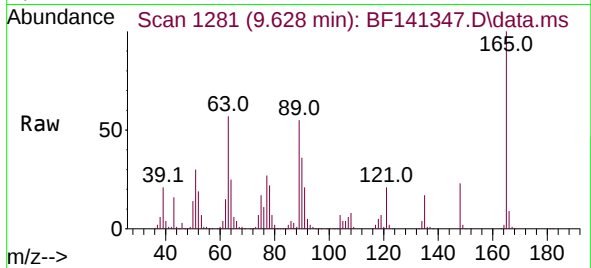
Tgt Ion:163 Resp: 962538
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.915 ng
RT: 9.628 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

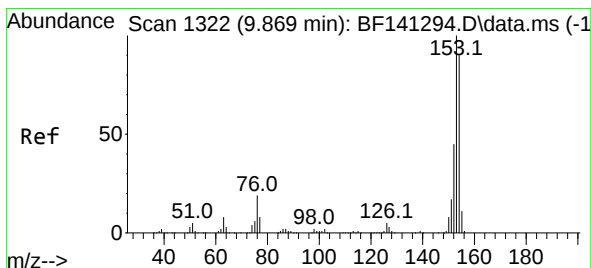
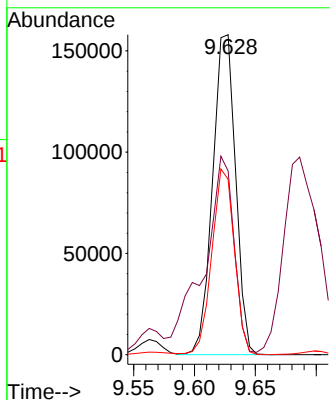
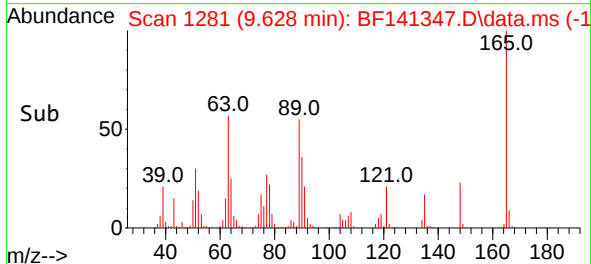
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



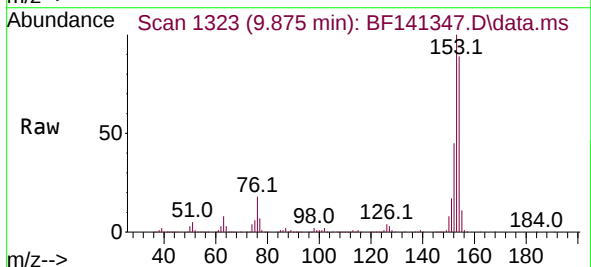
Tgt Ion:165 Resp: 207612
Ion Ratio Lower Upper
165 100
63 57.4 48.1 72.1
89 54.8 44.9 67.3

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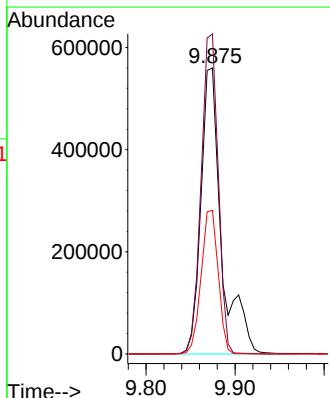
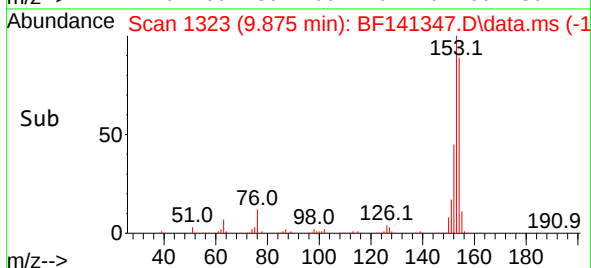
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

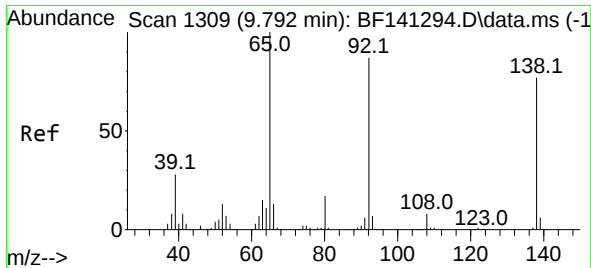


#52
Acenaphthene
Concen: 50.367 ng m
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion:154 Resp: 902474
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 50.2 40.2 60.4





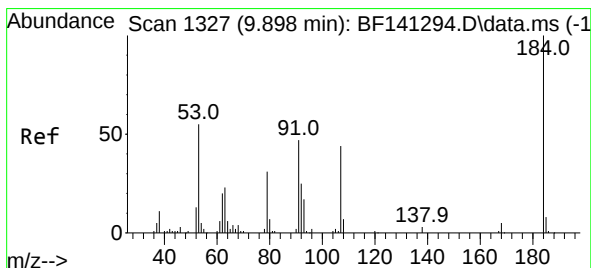
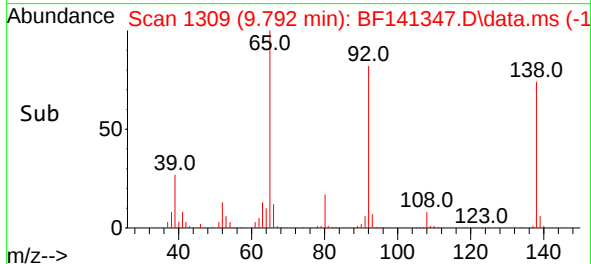
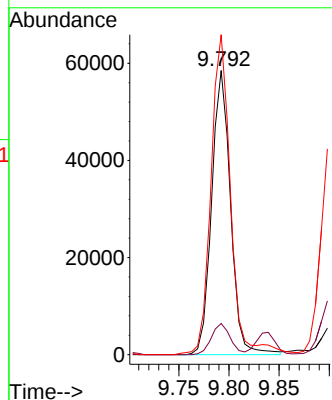
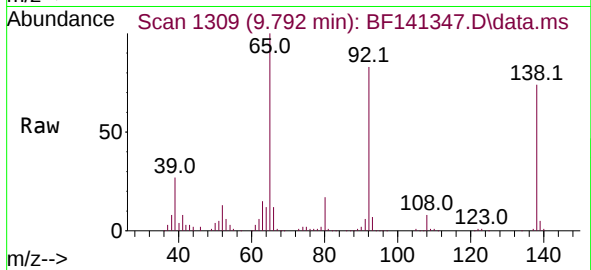
#53
3-Nitroaniline
Concen: 16.922 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Instrument :
BNA_F
ClientSampleId :
VNJ-236MS

Tgt Ion:138 Resp: 7666
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 112.6 91.0 136.6

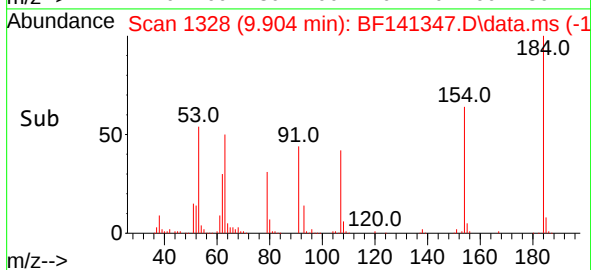
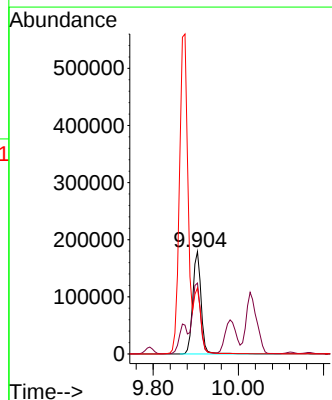
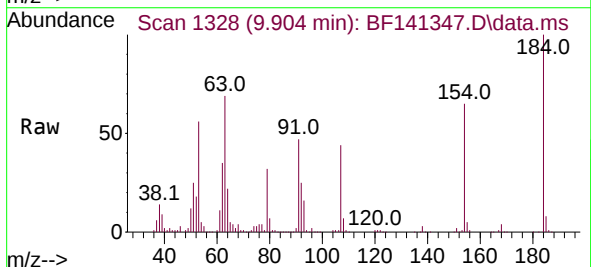
Manual Integrations
APPROVED

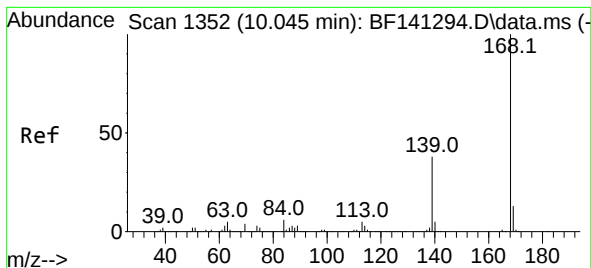
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 113.607 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

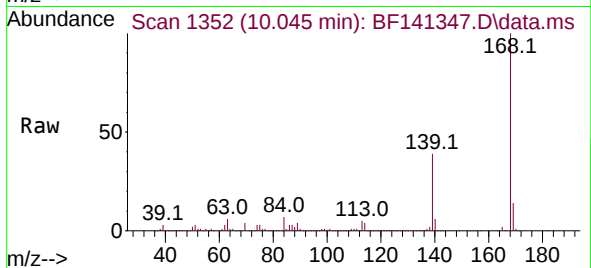
Tgt Ion:184 Resp: 244109
Ion Ratio Lower Upper
184 100
63 69.2 54.1 81.1
154 64.5 50.7 76.1





#55
Dibenzo-furan
Concen: 44.919 ng
RT: 10.045 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

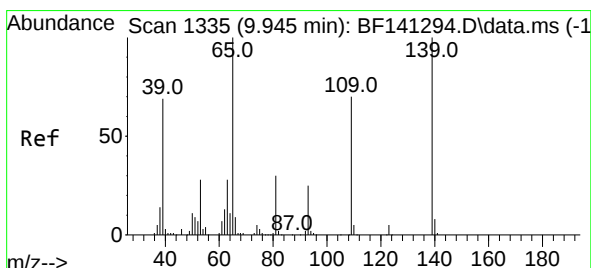
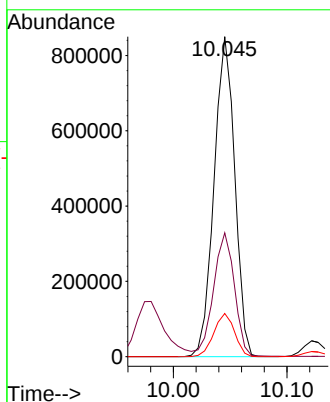
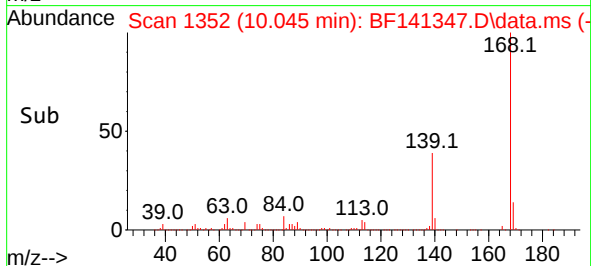
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



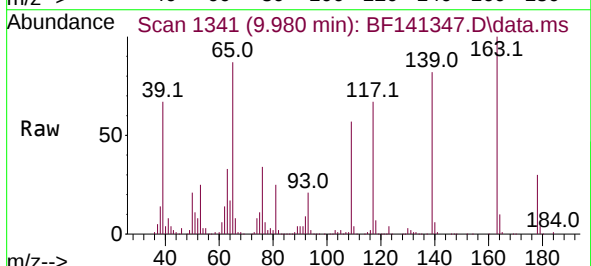
Tgt Ion:168 Resp: 107735
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.5 10.8 16.2

Manual Integrations
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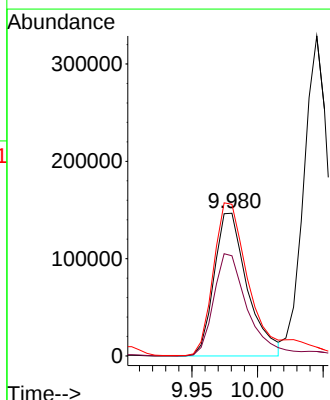
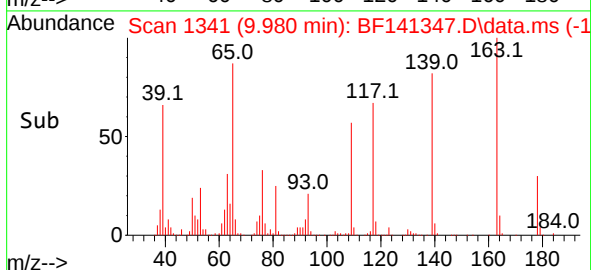
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

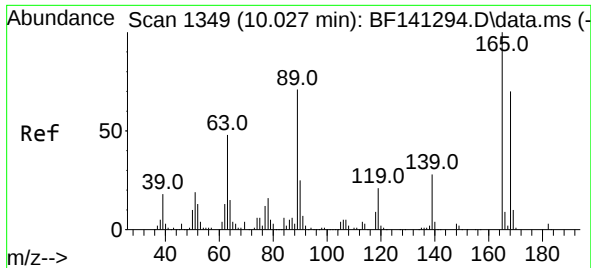


#56
4-Nitrophenol
Concen: 77.860 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.023 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion:139 Resp: 257968
Ion Ratio Lower Upper
139 100
109 70.2 50.2 90.2
65 106.3 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 45.251 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

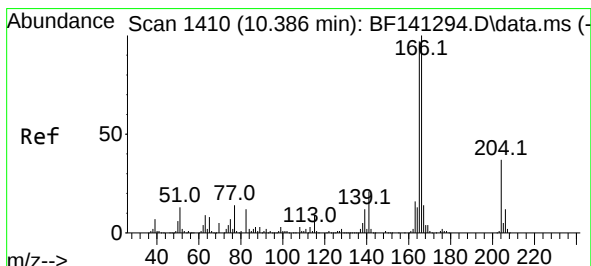
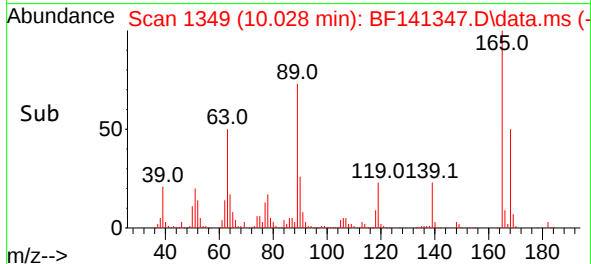
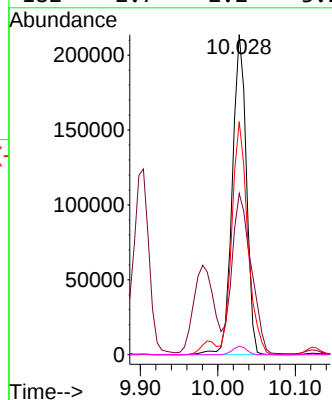
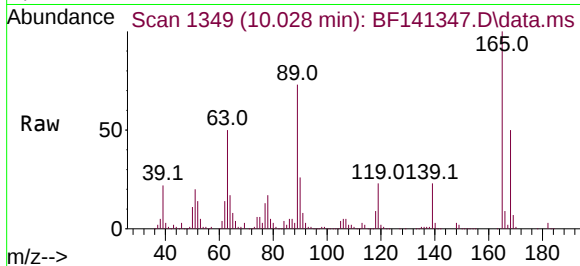
VNJ-236MS

Tgt Ion:165 Resp: 270812
Ion Ratio Lower Upper
165 100
63 50.4 39.2 58.8
89 72.8 56.9 85.3
182 2.7 2.2 3.2

Manual Integrations

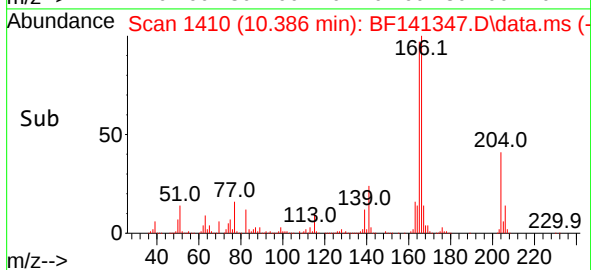
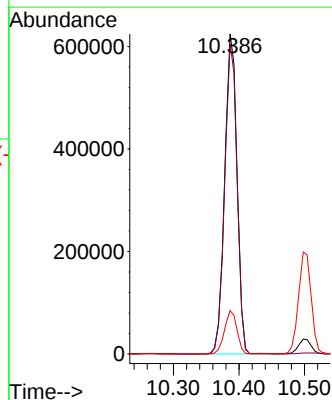
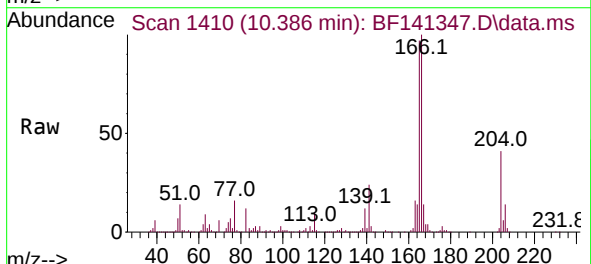
APPROVED

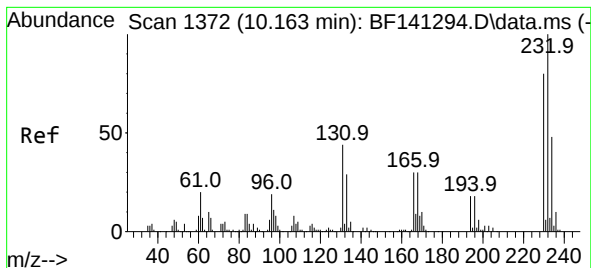
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#58
Fluorene
Concen: 43.681 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

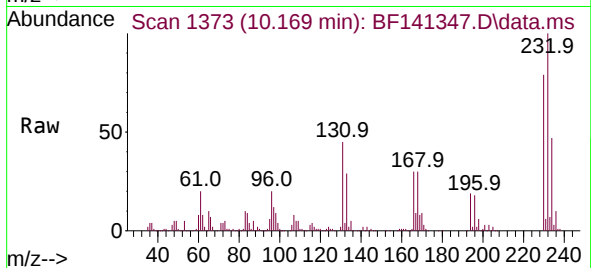
Tgt Ion:166 Resp: 812642
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.719 ng
RT: 10.169 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

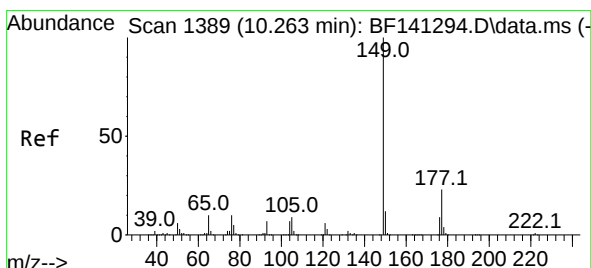
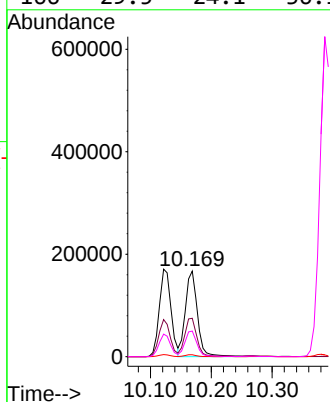
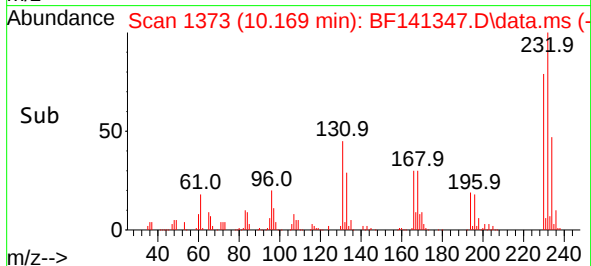
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



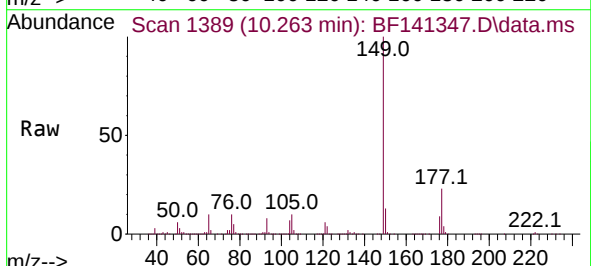
Tgt Ion:232 Resp: 228961
Ion Ratio Lower Upper
232 100
131 45.8 36.4 54.6
130 2.3 1.9 2.9
166 29.5 24.1 36.1

Manual Integrations
APPROVED

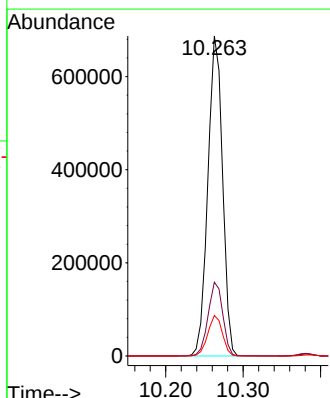
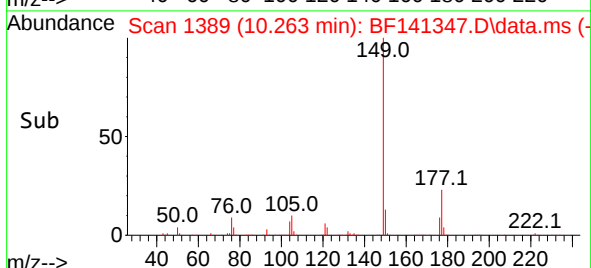
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

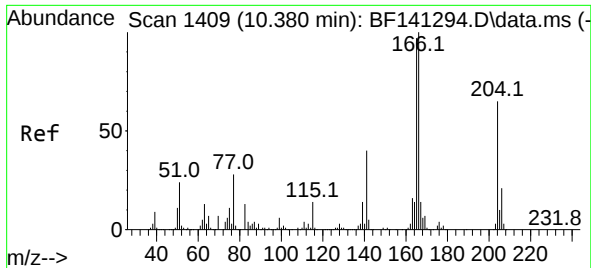


#60
Diethylphthalate
Concen: 46.907 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion:149 Resp: 905433
Ion Ratio Lower Upper
149 100
177 23.0 18.5 27.7
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 43.690 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

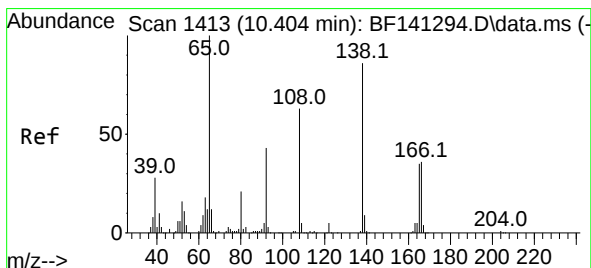
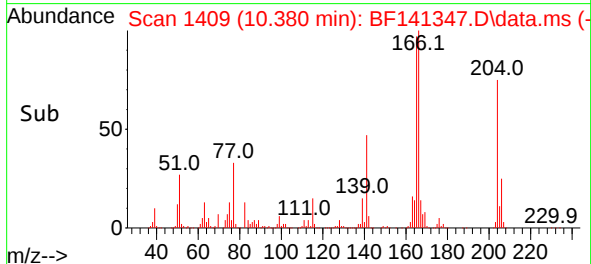
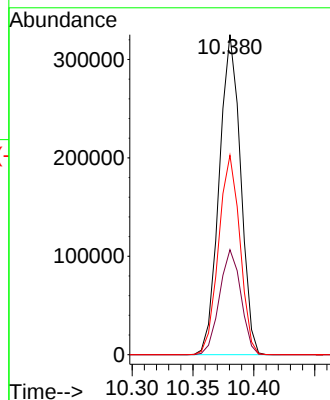
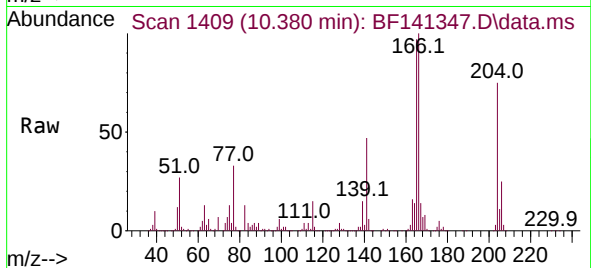
VNJ-236MS

Tgt Ion:204 Resp: 397038
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 62.3 49.5 74.3

Manual Integrations

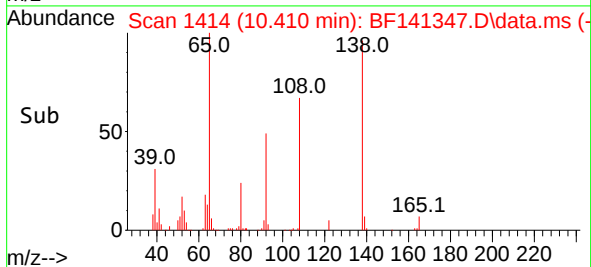
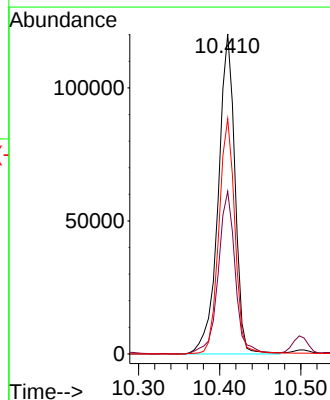
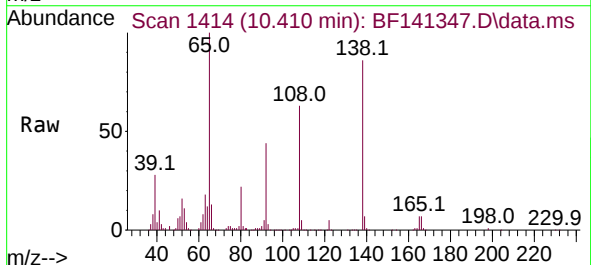
APPROVED

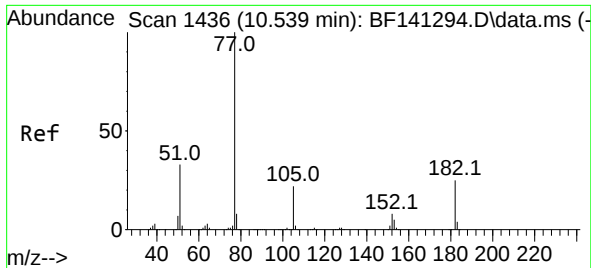
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#62
4-Nitroaniline
Concen: 38.826 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

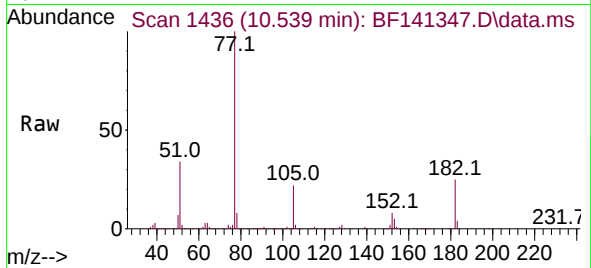
Tgt Ion:138 Resp: 172930
Ion Ratio Lower Upper
138 100
92 50.8 30.1 70.1
108 73.5 53.1 93.1





#63
Azobenzene
Concen: 45.453 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

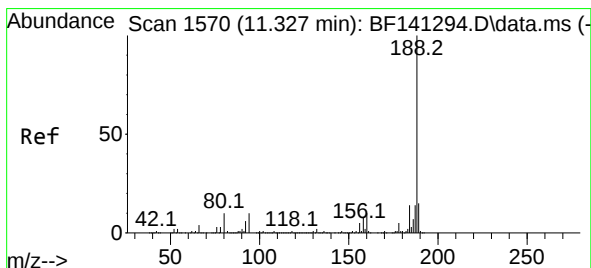
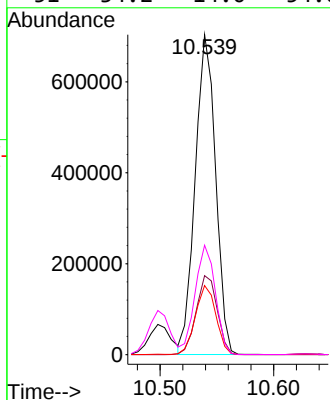
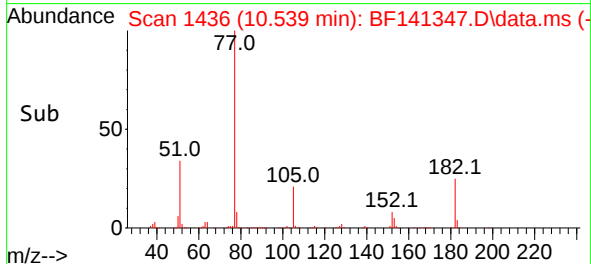
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



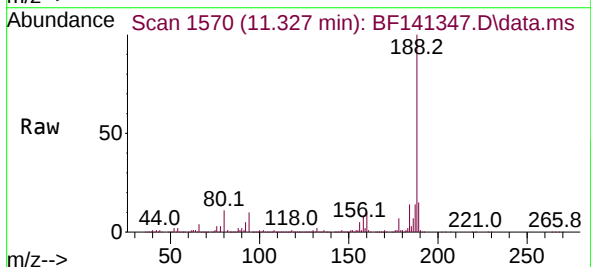
Tgt Ion: 77 Resp: 878229
Ion Ratio Lower Upper
77 100
182 24.7 5.1 45.1
105 21.6 1.8 41.8
51 34.2 14.0 54.0

Manual Integrations
APPROVED

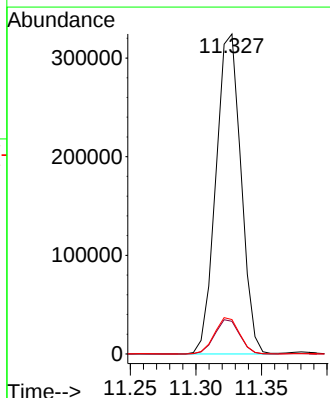
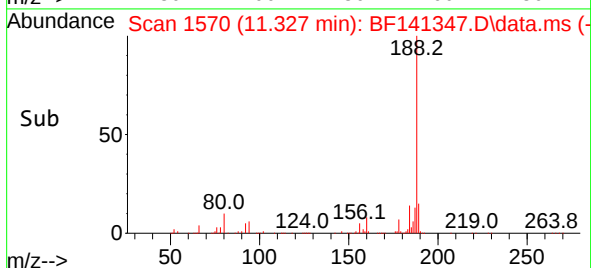
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

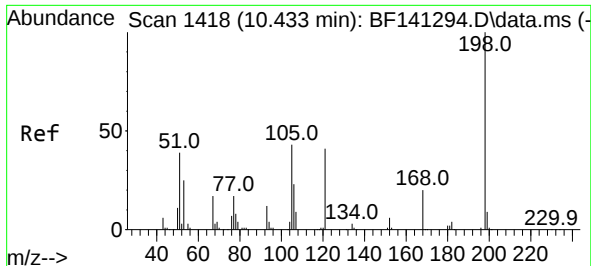


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion:188 Resp: 431674
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 10.8 8.2 12.4





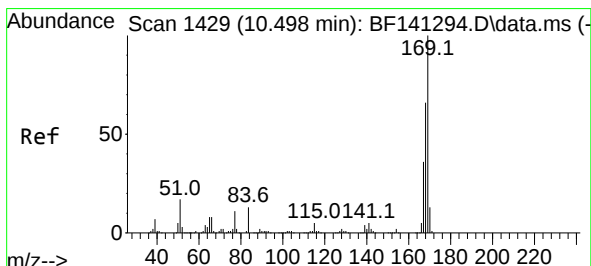
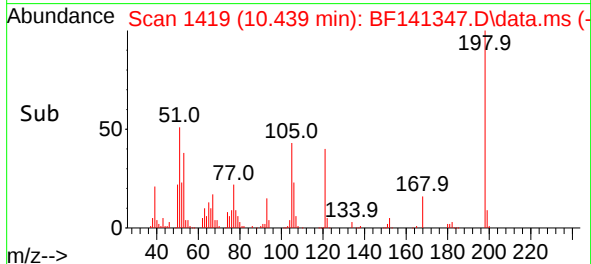
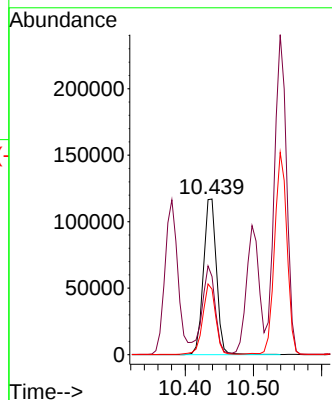
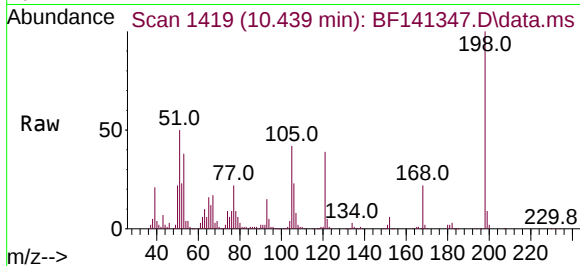
#65
4,6-Dinitro-2-methylphenol
Concen: 61.028 ng
RT: 10.439 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Instrument :
BNA_F
ClientSampleId :
VNJ-236MS

Tgt Ion:198 Resp: 155820
Ion Ratio Lower Upper
198 100
51 50.2 33.4 73.4
105 42.0 24.4 64.4

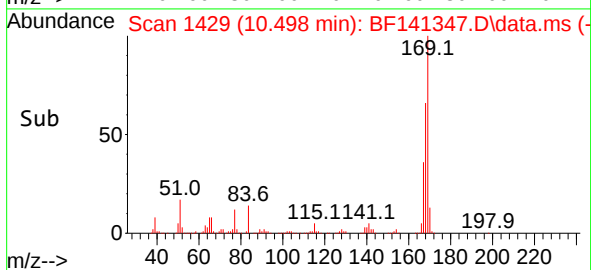
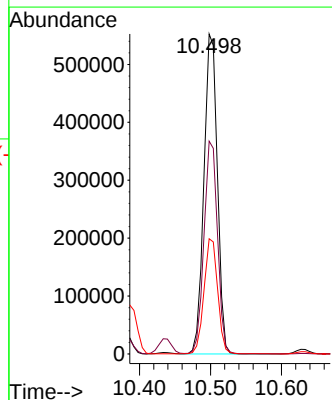
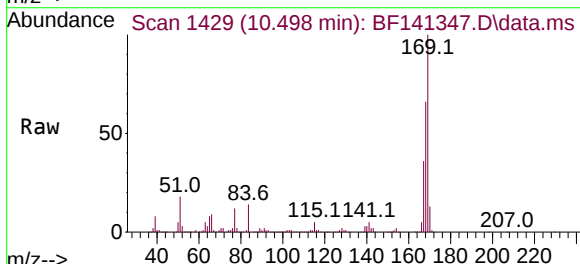
Manual Integrations
APPROVED

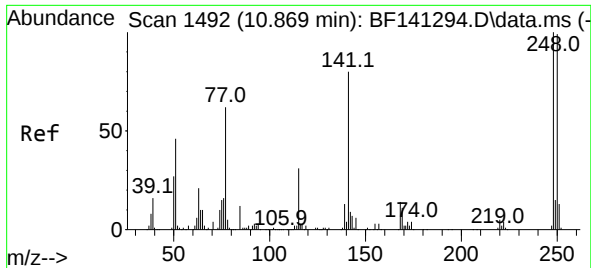
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 52.138 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

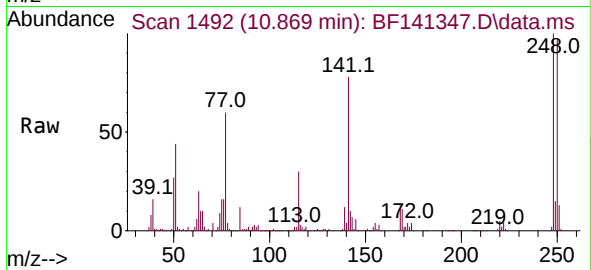
Tgt Ion:169 Resp: 727951
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.0 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 51.986 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

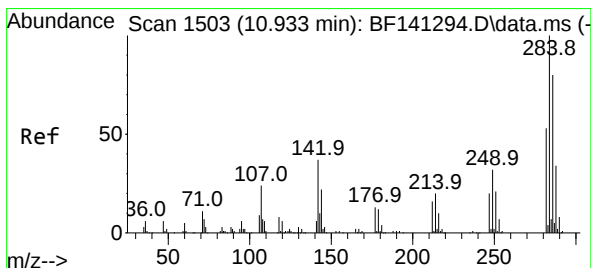
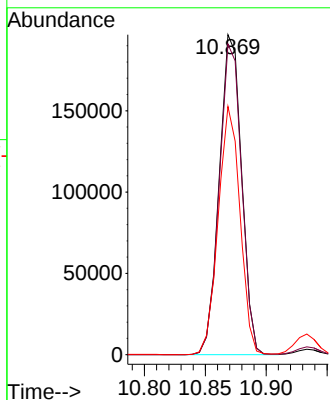
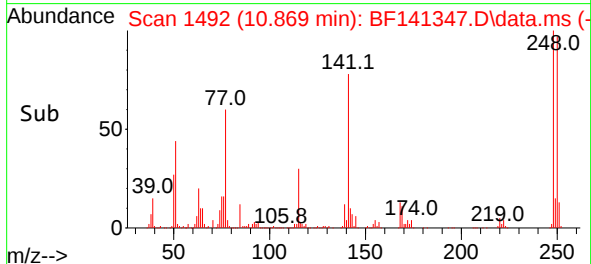
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



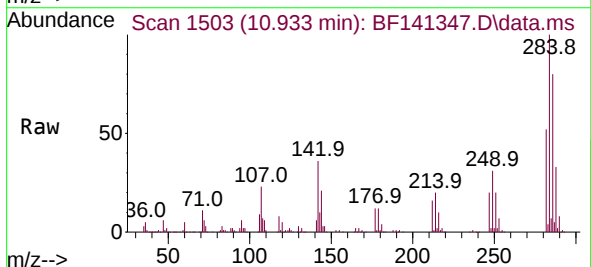
Tgt Ion:248 Resp: 251233
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.4
141 77.6 63.7 95.5

Manual Integrations
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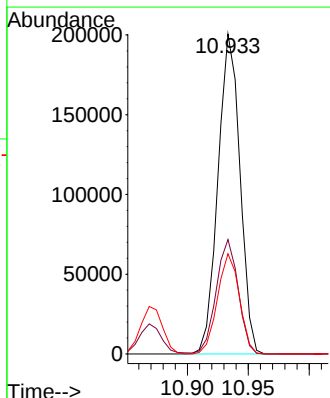
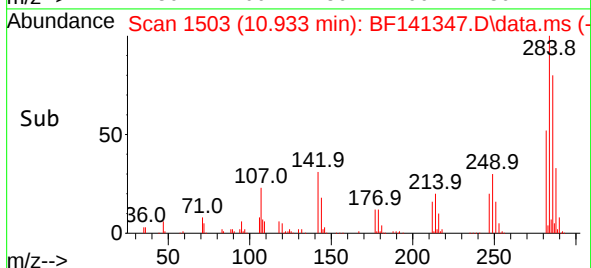
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

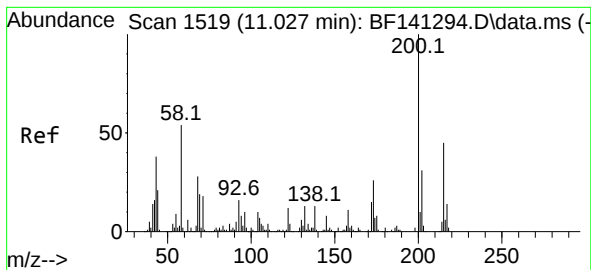


#68
Hexachlorobenzene
Concen: 49.180 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion:284 Resp: 252115
Ion Ratio Lower Upper
284 100
142 35.8 29.5 44.3
249 31.3 25.4 38.2





#69

Atrazine

Concen: 47.456 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

VNJ-236MS

Tgt Ion:200 Resp: 221530

Ion Ratio Lower Upper

200 100

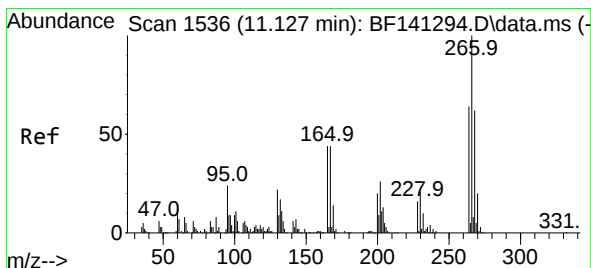
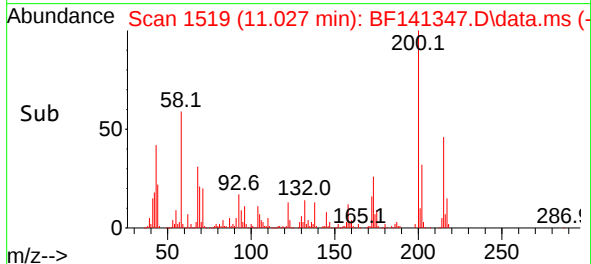
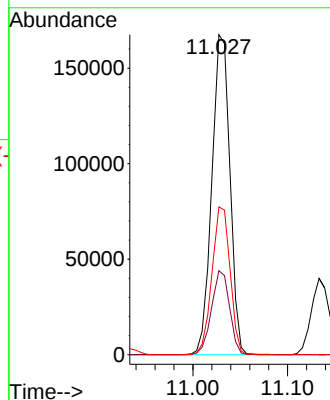
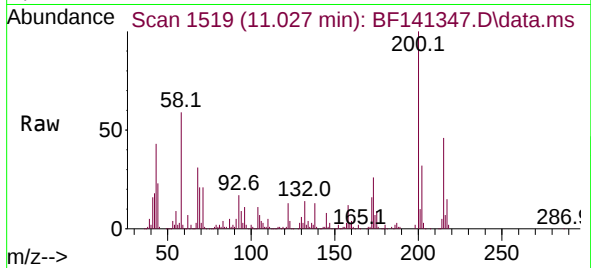
173 26.3 5.9 45.9

215 46.2 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#70

Pentachlorophenol

Concen: 94.369 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

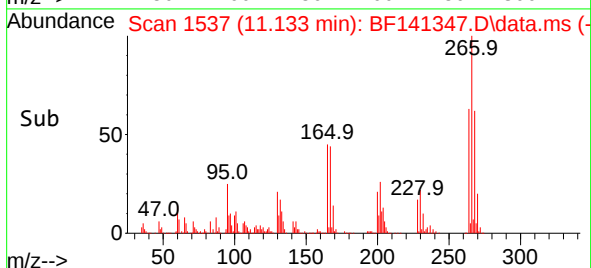
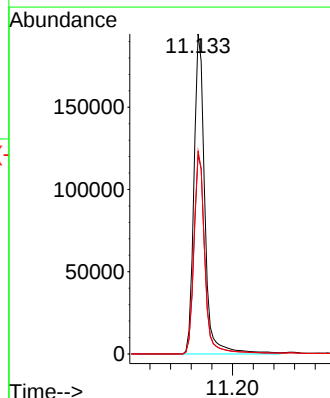
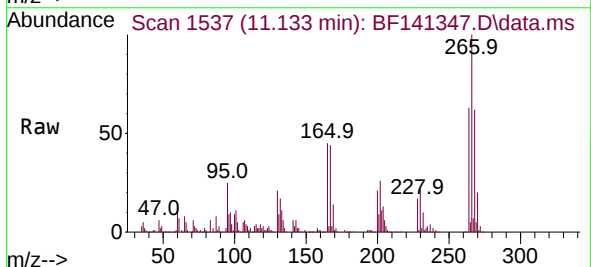
Tgt Ion:266 Resp: 283284

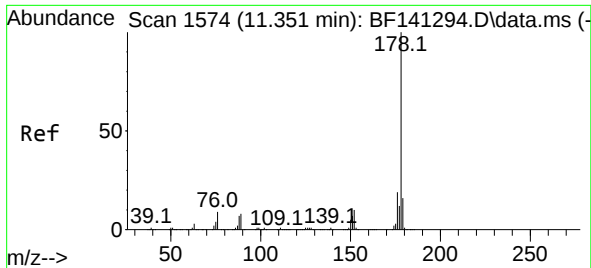
Ion Ratio Lower Upper

266 100

268 62.3 49.9 74.9

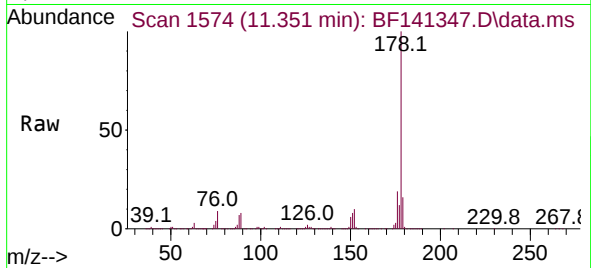
264 63.4 51.0 76.4





#71
Phenanthrene
Concen: 47.961 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

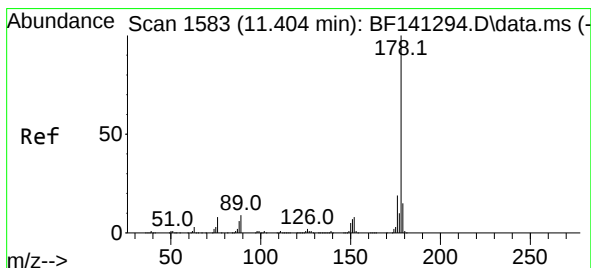
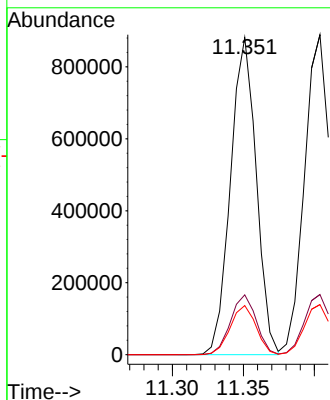
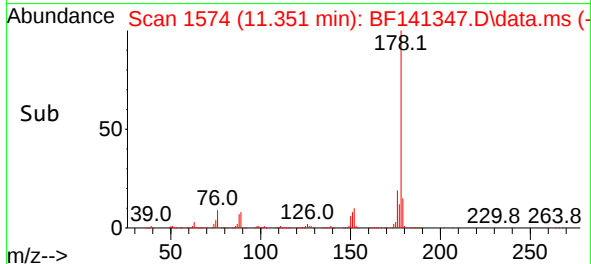
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



Tgt Ion:178 Resp: 1112890
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.5 18.7

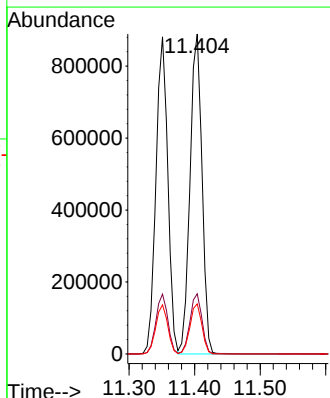
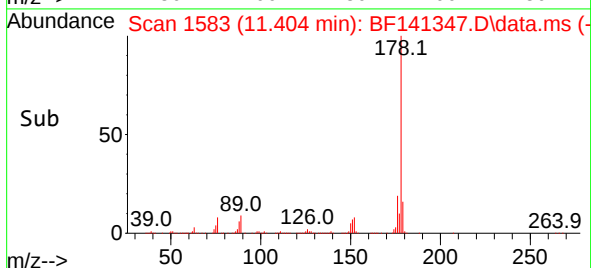
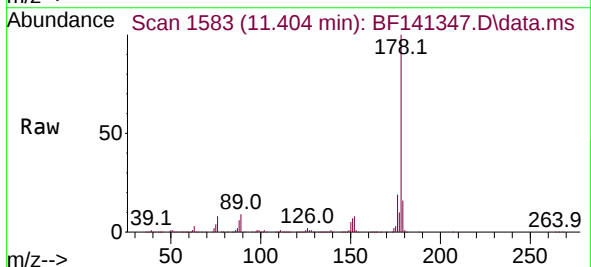
Manual Integrations
APPROVED

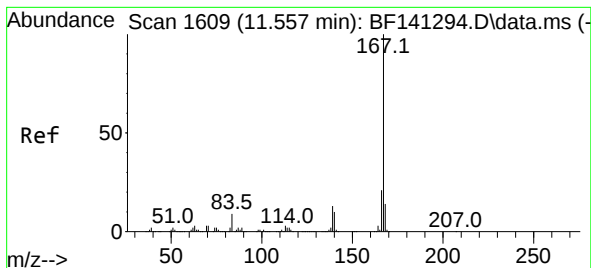
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 49.626 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Tgt Ion:178 Resp: 1128306
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.6 12.3 18.5





#73

Carbazole

Concen: 44.216 ng

RT: 11.557 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

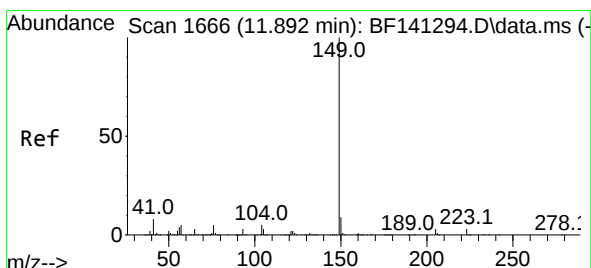
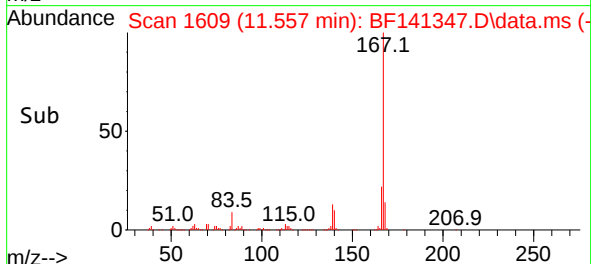
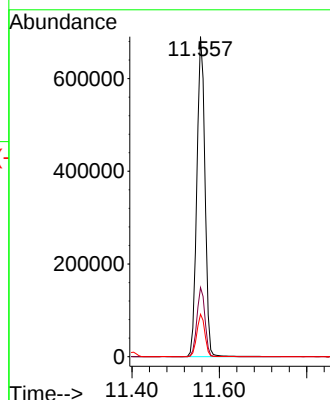
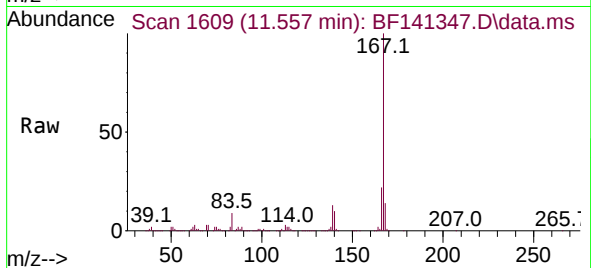
VNJ-236MS

Tgt Ion:167	Resp: 89142
Ion Ratio	Lower Upper
167	100
166	21.6 17.0 25.6
139	13.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#74

Di-n-butylphthalate

Concen: 50.069 ng

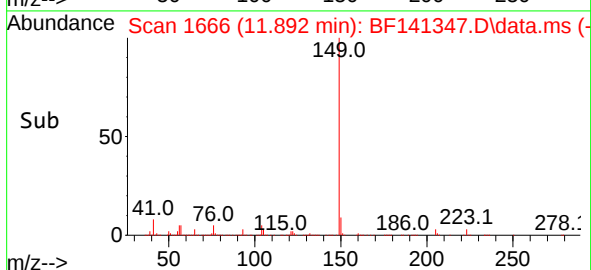
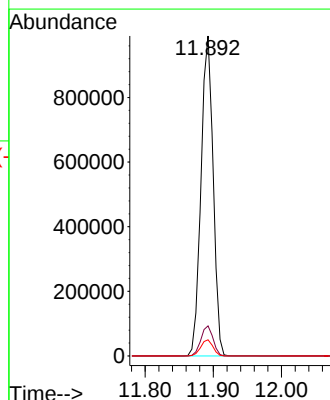
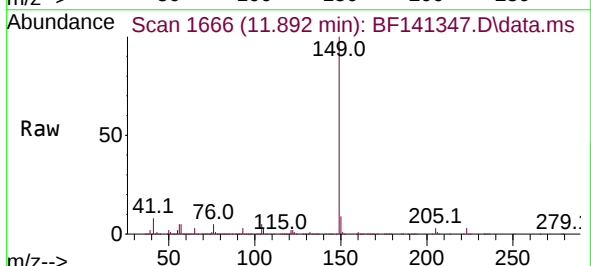
RT: 11.892 min Scan# 1666

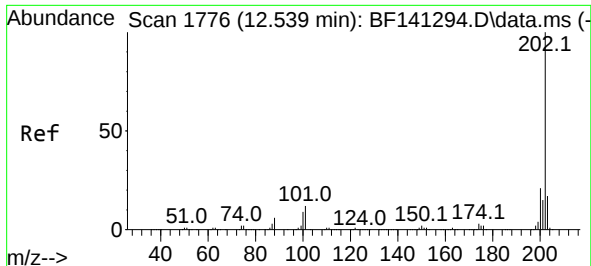
Delta R.T. 0.000 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

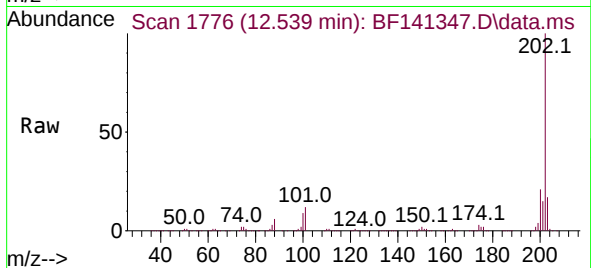
Tgt Ion:149	Resp: 1223292
Ion Ratio	Lower Upper
149	100
150	9.4 7.4 11.2
104	5.0 3.9 5.9





#75
Fluoranthene
Concen: 42.559 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

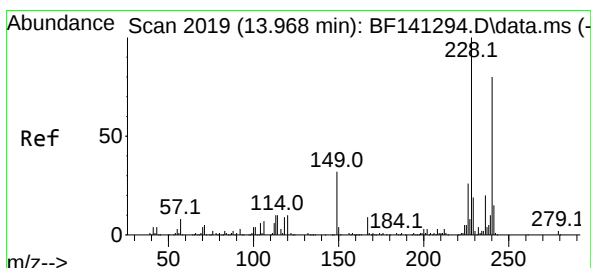
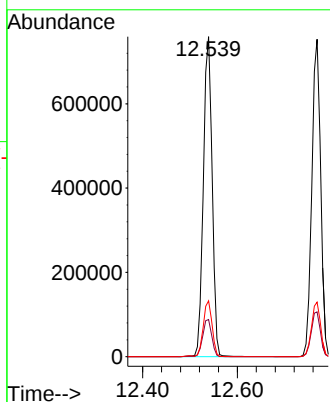
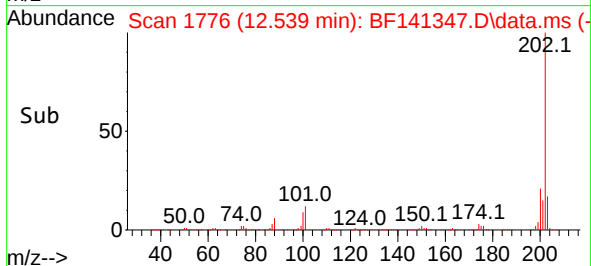
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



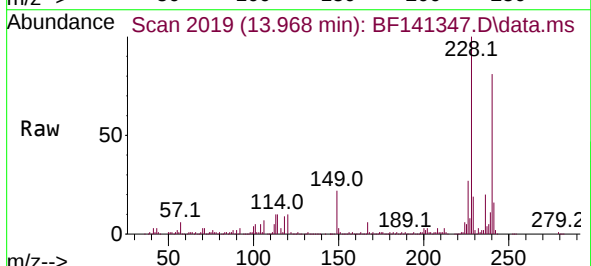
Tgt Ion:202 Resp: 97508
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.5 0.0 37.5

Manual Integrations
APPROVED

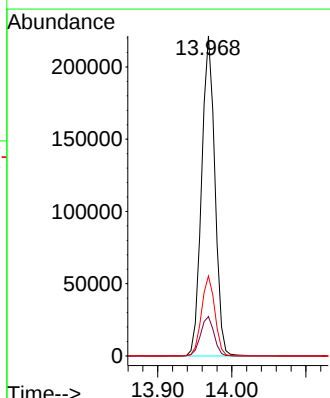
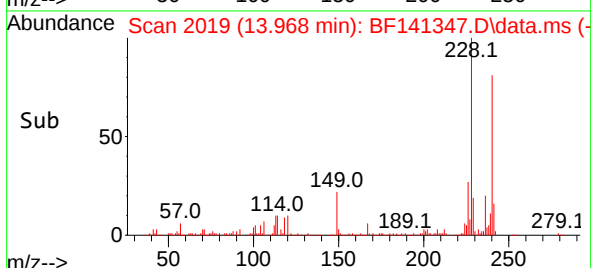
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

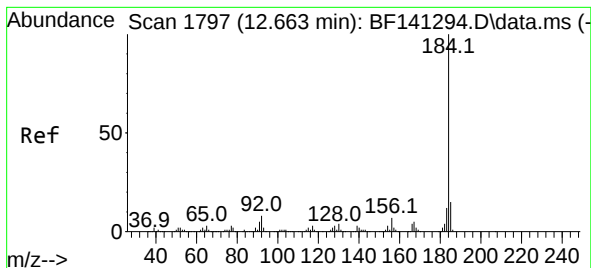


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion:240 Resp: 275611
Ion Ratio Lower Upper
240 100
120 12.3 10.0 15.0
236 25.0 19.7 29.5





#77

Benzidine

Concen: 3.993 ng

RT: 12.669 min Scan# 1798

Delta R.T. 0.006 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

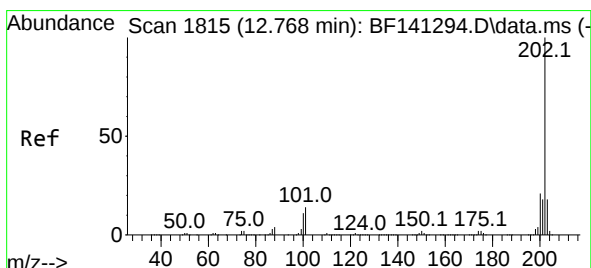
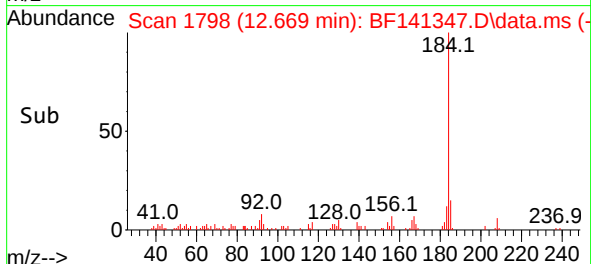
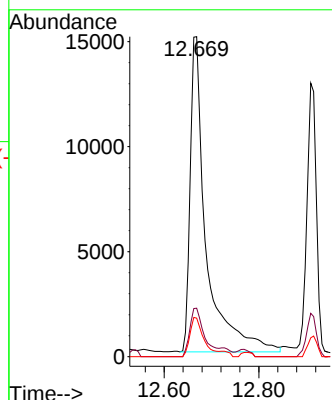
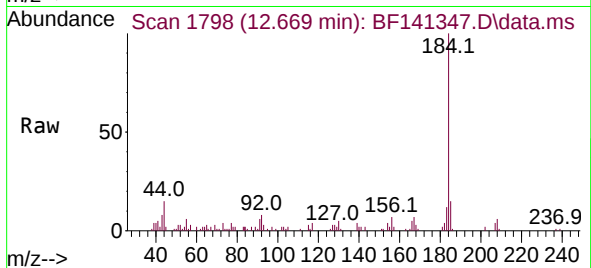
ClientSampleId :

VNJ-236MS

Tgt Ion:184	Resp:	3528
Ion Ratio	Lower	Upper
184	100	
185	15.1	11.9 17.9
183	12.1	9.5 14.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#78

Pyrene

Concen: 37.075 ng

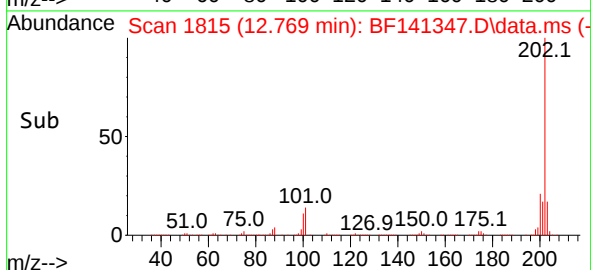
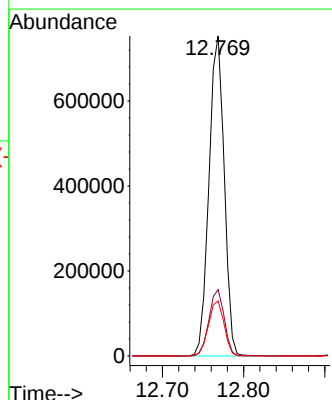
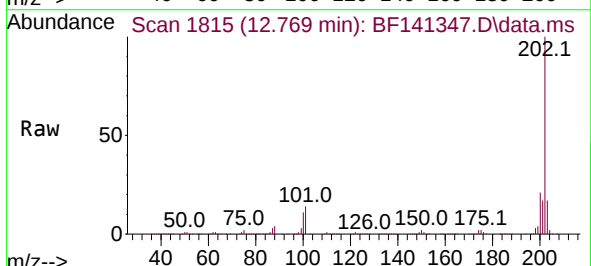
RT: 12.769 min Scan# 1815

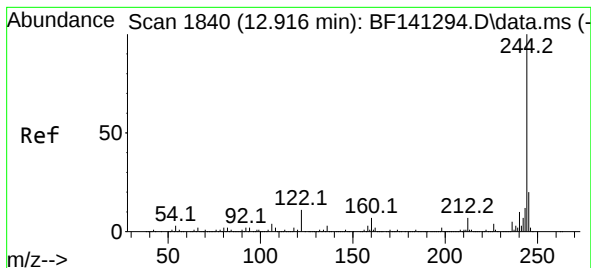
Delta R.T. -0.000 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

Tgt Ion:202	Resp:	980862
Ion Ratio	Lower	Upper
202	100	
200	20.7	17.0 25.4
203	17.2	14.3 21.5





#79

Terphenyl-d14

Concen: 75.403 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF141347.D

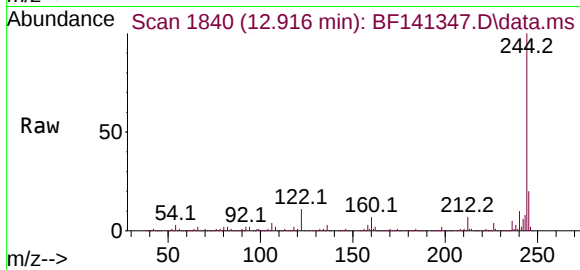
Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

VNJ-236MS



Tgt Ion:244 Resp: 134755

Ion Ratio Lower Upper

244 100

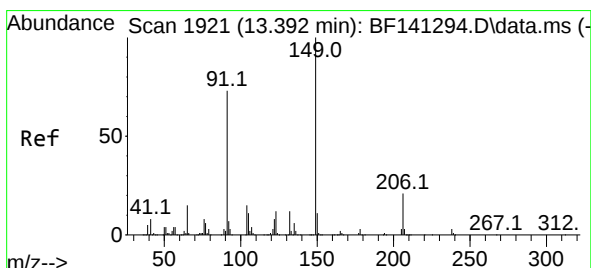
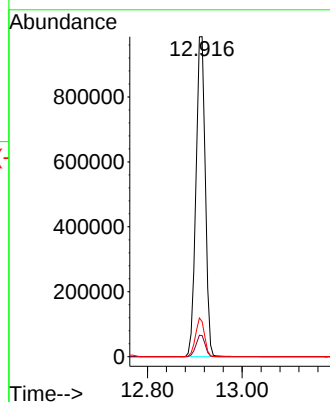
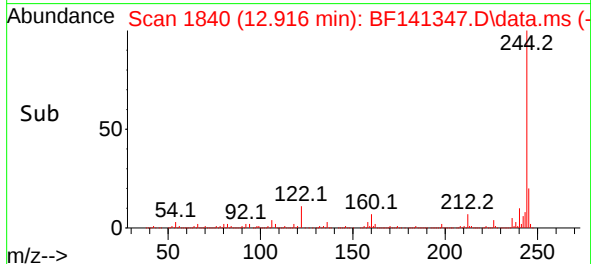
212 6.6 5.4 8.0

122 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#80

Butylbenzylphthalate

Concen: 44.700 ng

RT: 13.392 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

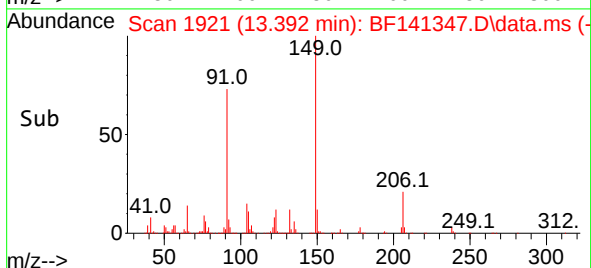
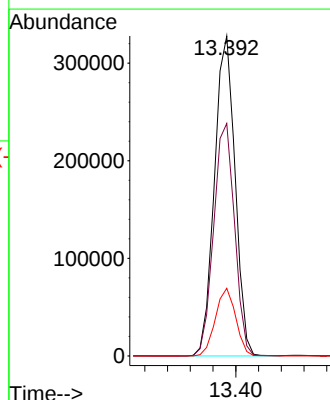
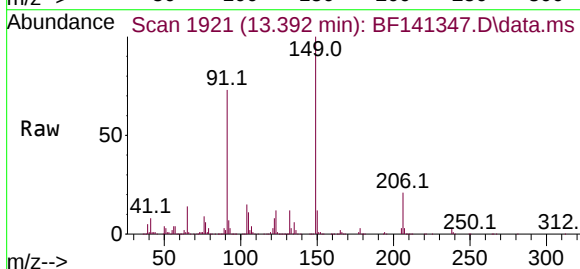
Tgt Ion:149 Resp: 413143

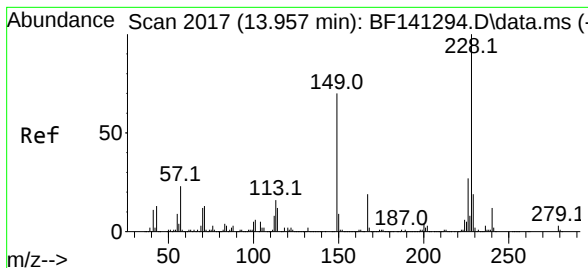
Ion Ratio Lower Upper

149 100

91 72.6 58.6 87.8

206 21.2 16.7 25.1





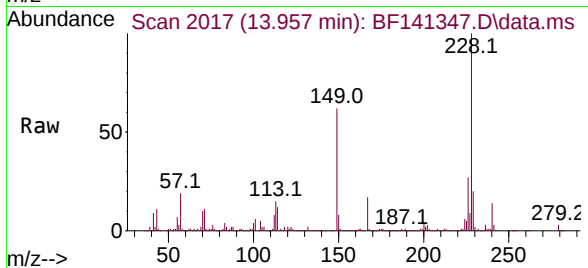
#81
Benzo(a)anthracene
Concen: 43.887 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

VNJ-236MS

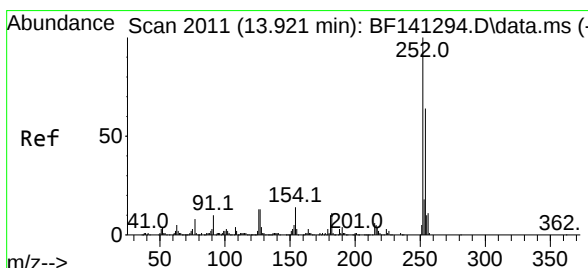
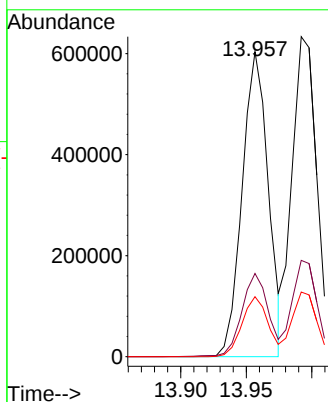
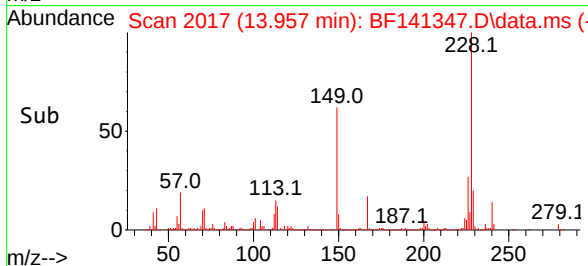


Tgt Ion:228 Resp: 834678
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 19.7 15.5 23.3

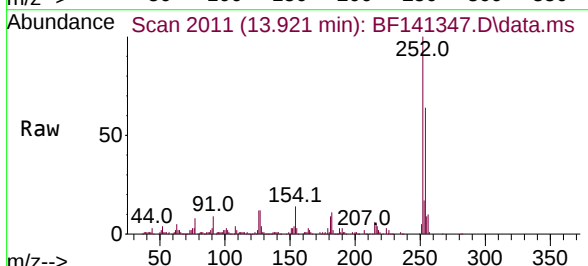
Manual Integrations

APPROVED

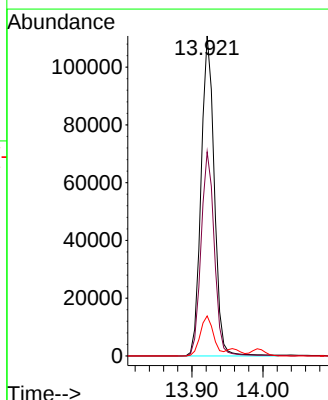
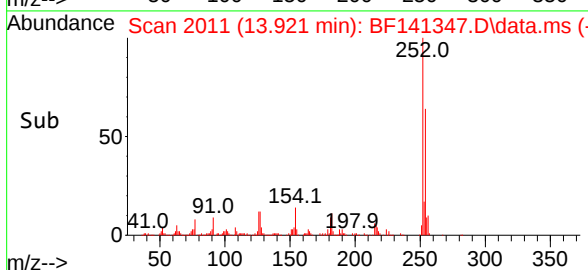
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

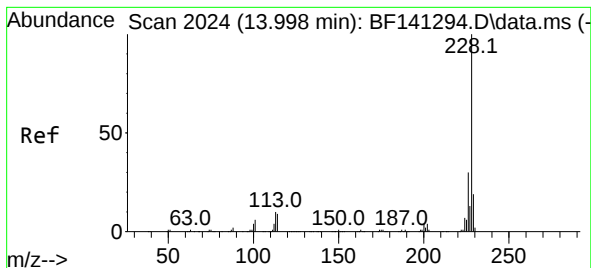


#82
3,3'-Dichlorobenzidine
Concen: 23.764 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion:252 Resp: 143745
Ion Ratio Lower Upper
252 100
254 63.8 51.3 76.9
126 12.5 10.0 15.0





#83

Chrysene

Concen: 47.688 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

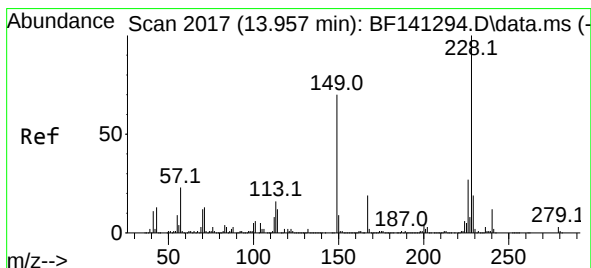
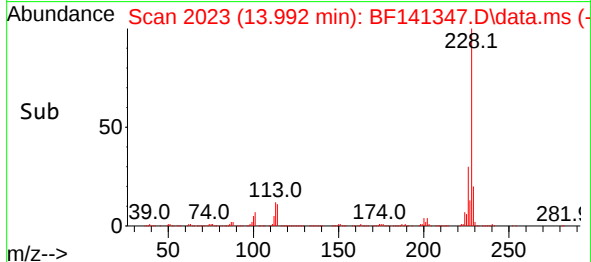
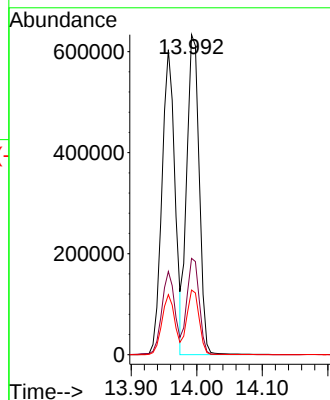
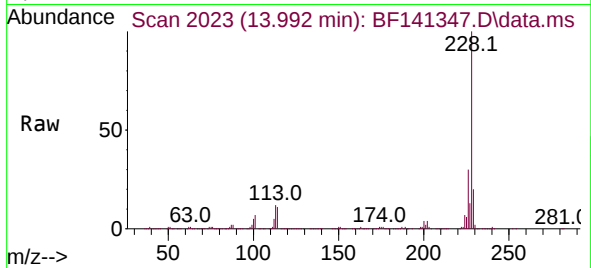
VNJ-236MS

Tgt Ion:	228	Resp:	83120
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	20.2	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.750 ng

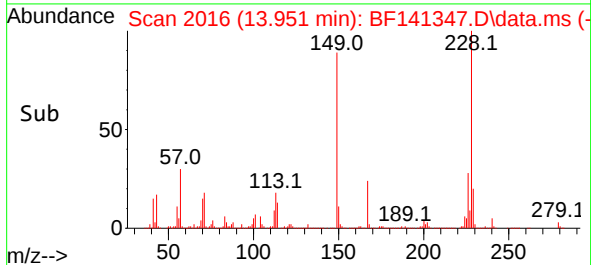
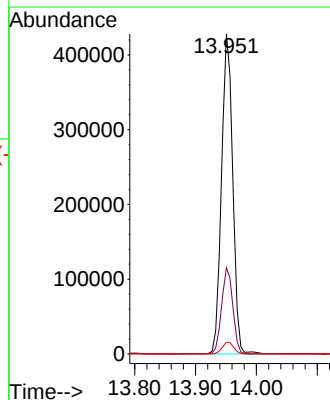
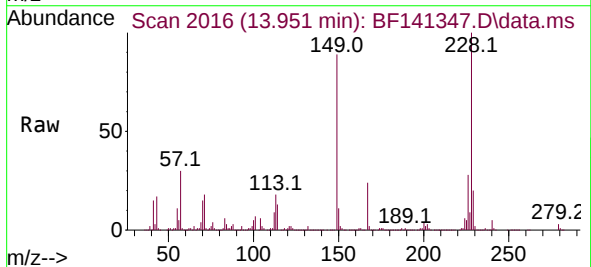
RT: 13.951 min Scan# 2016

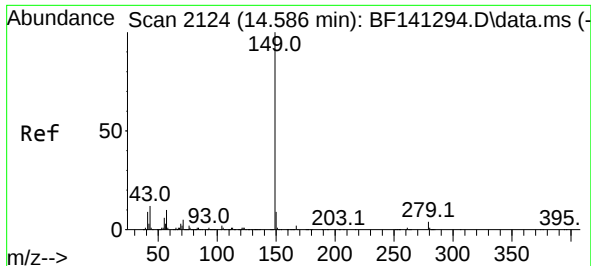
Delta R.T. -0.006 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

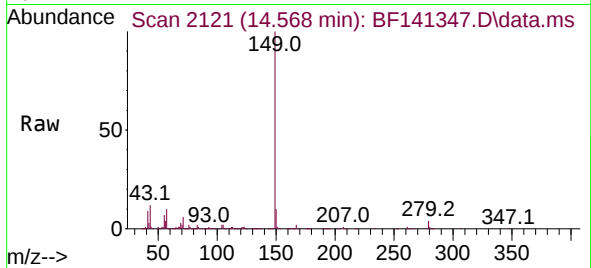
Tgt Ion:	149	Resp:	548126
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.8	32.8
279	3.6	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 54.682 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

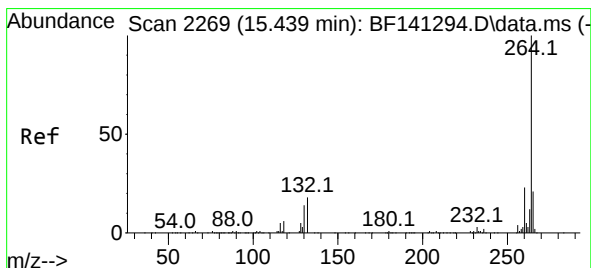
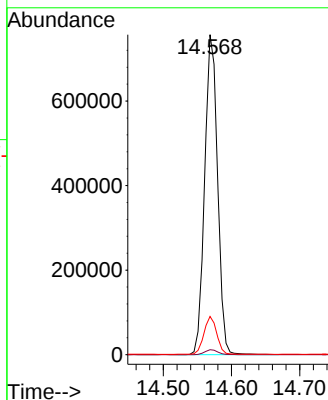
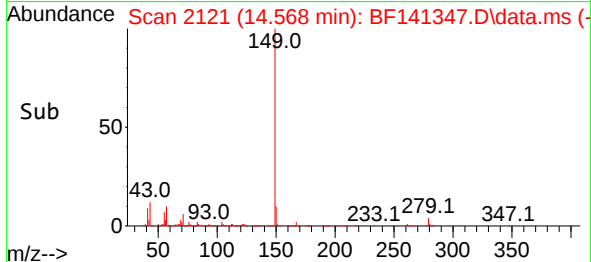
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



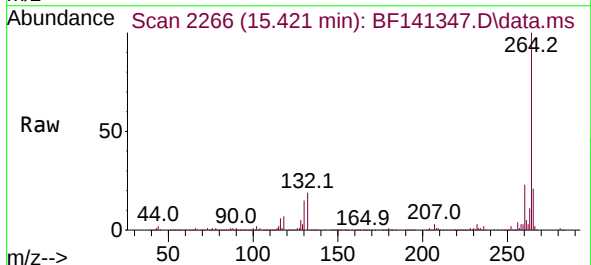
Tgt Ion:149 Resp: 995798
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 9.8 14.8

Manual Integrations
APPROVED

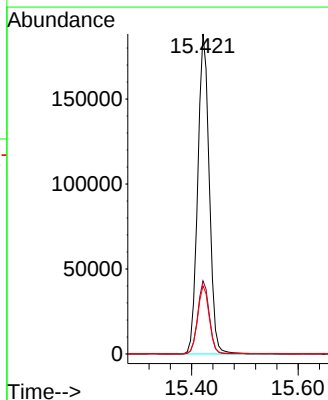
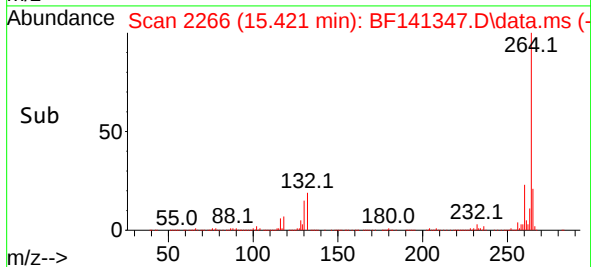
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

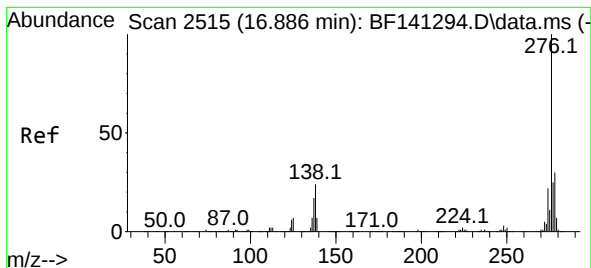


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16



Tgt Ion:264 Resp: 282127
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.3 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.941 ng

RT: 16.868 min Scan# 2195

Delta R.T. -0.030 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

VNJ-236MS

Tgt Ion:276 Resp: 69086

Ion Ratio Lower Upper

276 100

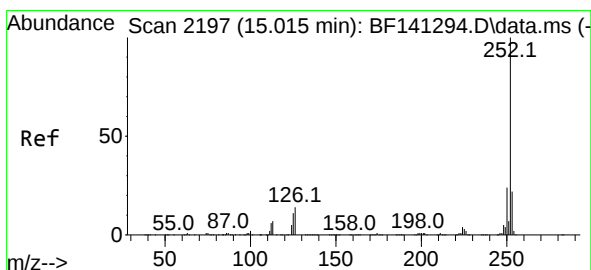
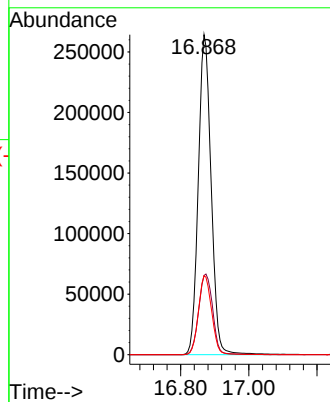
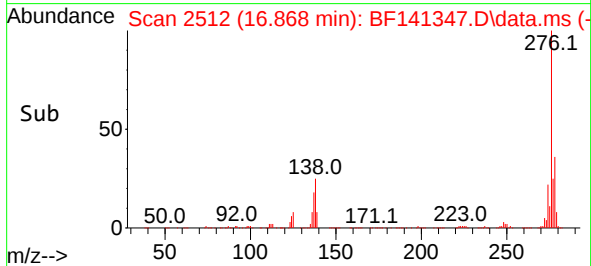
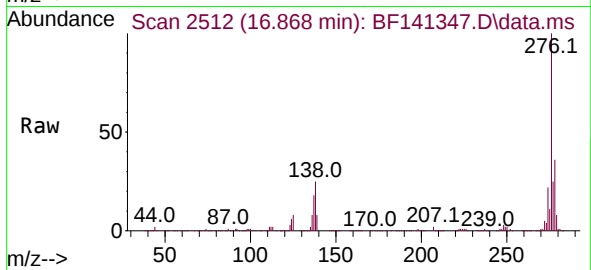
138 27.4 21.7 32.5

277 25.5 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#88

Benzo(b)fluoranthene

Concen: 48.369 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

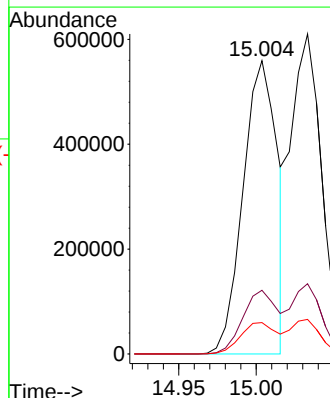
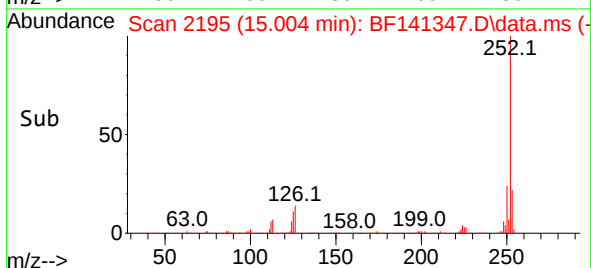
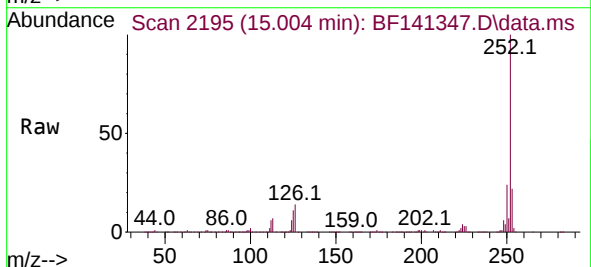
Tgt Ion:252 Resp: 858391

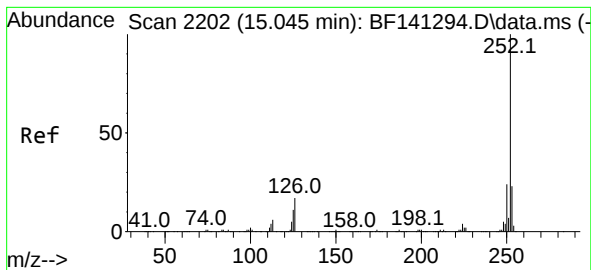
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 10.7 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 53.507 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

Instrument :

BNA_F

ClientSampleId :

VNJ-236MS

Tgt Ion:252 Resp: 84119

Ion Ratio Lower Upper

252 100

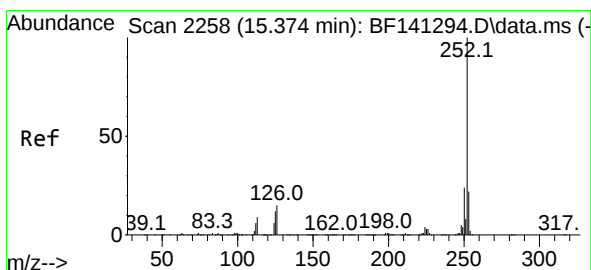
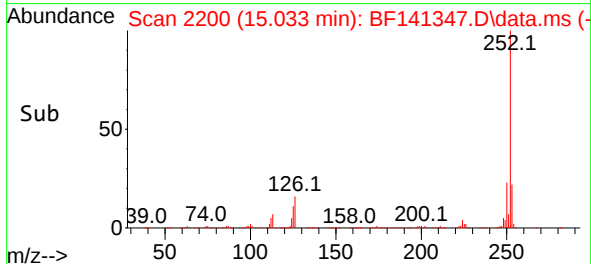
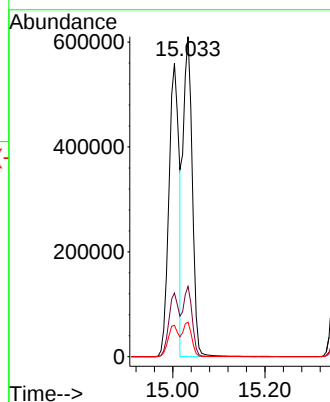
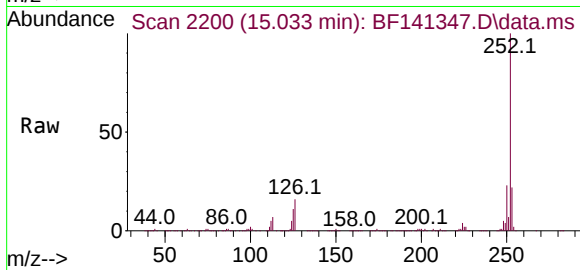
253 22.0 17.6 26.4

125 10.8 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#90

Benzo(a)pyrene

Concen: 51.485 ng

RT: 15.362 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141347.D

Acq: 31 Jan 2025 22:16

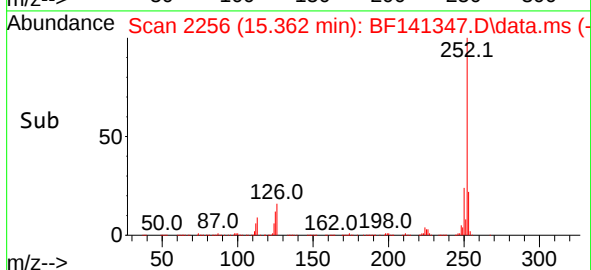
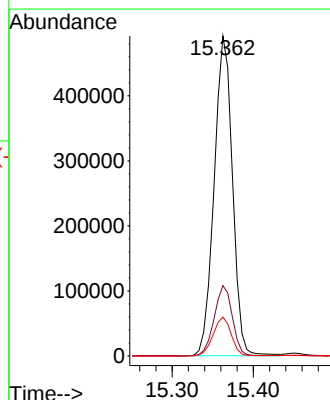
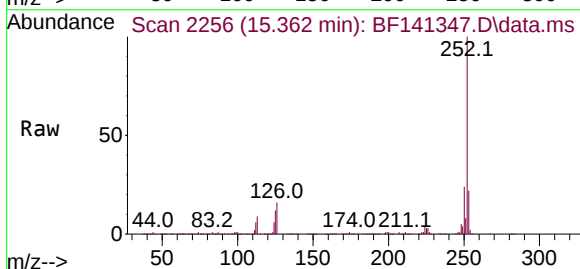
Tgt Ion:252 Resp: 772098

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

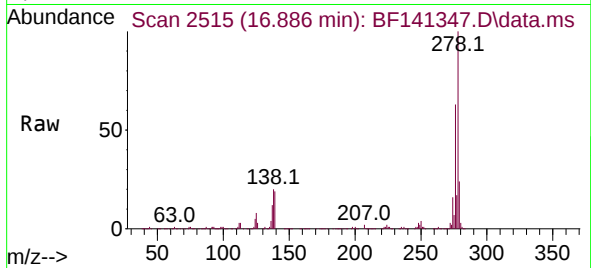
125 12.2 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 38.364 ng
RT: 16.886 min Scan# 2519
Delta R.T. -0.035 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

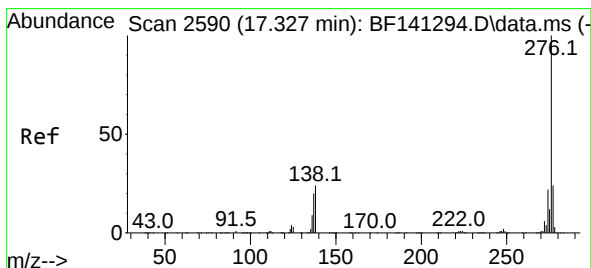
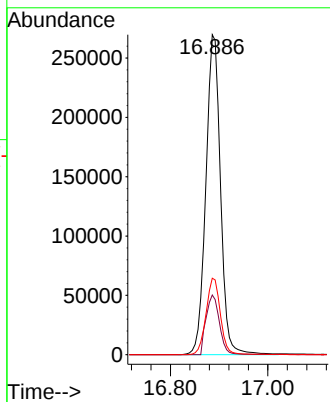
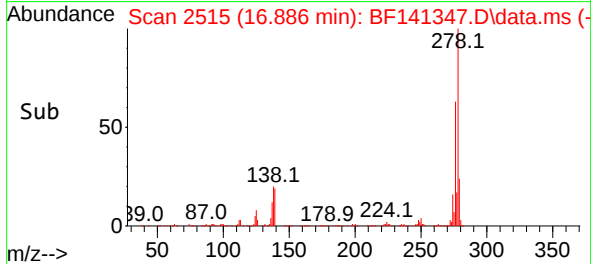
Instrument :
BNA_F
ClientSampleId :
VNJ-236MS



Tgt Ion:278 Resp: 562028
Ion Ratio Lower Upper
278 100
139 18.7 13.9 20.9
279 23.9 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 33.036 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.041 min
Lab File: BF141347.D
Acq: 31 Jan 2025 22:16

Tgt Ion:276 Resp: 503231
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 23.9 19.0 28.4

