

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141348.D
 Acq On : 31 Jan 2025 22:43
 Operator : RC/JU
 Sample : Q1205-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 01 00:04:24 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	153925	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	605647	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	316012	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	461856	20.000	ng	0.00
76) Chrysene-d12	13.968	240	294849	20.000	ng	0.00
86) Perylene-d12	15.421	264	278615	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1124167	112.121	ng	0.02
7) Phenol-d6	6.445	99	1319858	103.479	ng	0.00
23) Nitrobenzene-d5	7.363	82	982578	85.525	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	344857	119.035	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1660558	80.880	ng	0.00
79) Terphenyl-d14	12.910	244	1326215	69.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	181546	41.171	ng	# 82
3) Pyridine	3.375	79	379676	35.736	ng	99
4) n-Nitrosodimethylamine	3.310	42	233543	38.479	ng	98
6) Aniline	6.463	93	65044	6.024	ng	# 1
8) 2-Chlorophenol	6.592	128	418220	38.917	ng	97
9) Benzaldehyde	6.351	77	147390	19.950	ng	99
10) Phenol	6.457	94	485596	35.915	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	401530	38.732	ng	99
12) 1,3-Dichlorobenzene	6.739	146	434626	36.680	ng	99
13) 1,4-Dichlorobenzene	6.816	146	432210	36.309	ng	100
14) 1,2-Dichlorobenzene	6.969	146	409687	36.755	ng	99
15) Benzyl Alcohol	6.945	79	310003	35.565	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	663014	36.778	ng	51
17) 2-Methylphenol	7.069	107	320489	36.694	ng	# 88
18) Hexachloroethane	7.310	117	157617	35.893	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	295696	39.016	ng	97
20) 3+4-Methylphenols	7.228	107	433449	40.418	ng	# 64
22) Acetophenone	7.210	105	625566	43.454	ng	# 92
24) Nitrobenzene	7.386	77	428974	36.030	ng	98
25) Isophorone	7.622	82	773765	38.962	ng	99
26) 2-Nitrophenol	7.698	139	220556	39.280	ng	99
27) 2,4-Dimethylphenol	7.745	122	352717m	49.352	ng	
28) bis(2-Chloroethoxy)met...	7.833	93	481111	37.979	ng	100
29) 2,4-Dichlorophenol	7.951	162	338188	38.652	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	357239	35.752	ng	100
31) Naphthalene	8.104	128	1170409	36.581	ng	100
32) Benzoic acid	7.869	122	301460	45.884	ng	99
33) 4-Chloroaniline	8.163	127	28448	2.622	ng	98
34) Hexachlorobutadiene	8.222	225	211361	36.070	ng	100
35) Caprolactam	8.522	113	118115	41.336	ng	99
36) 4-Chloro-3-methylphenol	8.651	107	346469	36.917	ng	97
37) 2-Methylnaphthalene	8.792	142	737042	36.244	ng	99
38) 1-Methylnaphthalene	8.892	142	709128	35.500	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	374767	41.686	ng	99
41) Hexachlorocyclopentadiene	8.945	237	419287	157.920	ng	100
43) 2,4,6-Trichlorophenol	9.080	196	230467	39.166	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
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Instrument :
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 ClientSampleId :
 VNJ-236MSD

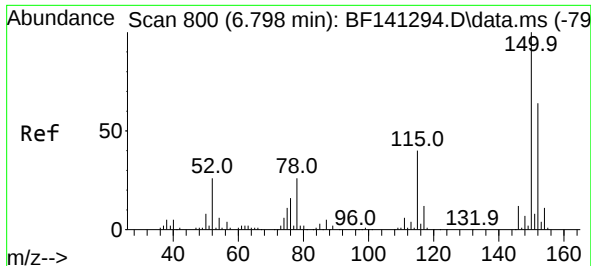
Quant Time: Feb 01 00:04:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

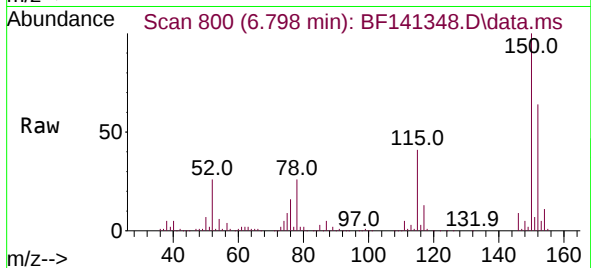
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	240626	37.571	ng	99
46) 1,1'-Biphenyl	9.257	154	1033995	41.955	ng	99
47) 2-Chloronaphthalene	9.286	162	705166	36.709	ng	98
48) 2-Nitroaniline	9.380	65	218096	36.096	ng	97
49) Acenaphthylene	9.698	152	1075589	40.000	ng	100
50) Dimethylphthalate	9.563	163	832211	38.992	ng	100
51) 2,6-Dinitrotoluene	9.622	165	181148	36.554	ng	98
52) Acenaphthene	9.869	154	805823m	41.948	ng	
53) 3-Nitroaniline	9.792	138	27986	5.762	ng	98
54) 2,4-Dinitrophenol	9.904	184	214844	93.262	ng	99
55) Dibenzofuran	10.045	168	961594	37.396	ng	99
56) 4-Nitrophenol	9.975	139	210065	59.137	ng	96
57) 2,4-Dinitrotoluene	10.027	165	235937	36.772	ng	98
58) Fluorene	10.386	166	722818	36.239	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	200181	39.730	ng	99
60) Diethylphthalate	10.263	149	789240	38.137	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	354621	36.398	ng	99
62) 4-Nitroaniline	10.404	138	105426	22.078	ng	100
63) Azobenzene	10.539	77	764030	36.883	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	131181	48.019	ng	98
66) n-Nitrosodiphenylamine	10.498	169	475837	31.854	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	220189	42.585	ng	97
68) Hexachlorobenzene	10.933	284	223703	40.786	ng	100
69) Atrazine	11.027	200	137528	27.536	ng	99
70) Pentachlorophenol	11.133	266	248426	77.349	ng	98
71) Phenanthrene	11.351	178	968305	39.003	ng	100
72) Anthracene	11.404	178	985565	40.515	ng	99
73) Carbazole	11.557	167	638050	29.580	ng	100
74) Di-n-butylphthalate	11.892	149	1070897	40.967	ng	100
75) Fluoranthene	12.539	202	824031	33.615	ng	100
77) Benzidine	12.674	184	47241	4.998	ng	97
78) Pyrene	12.768	202	829915	29.323	ng	99
80) Butylbenzylphthalate	13.392	149	347341	35.128	ng	98
81) Benzo(a)anthracene	13.957	228	711602	34.975	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	27766	4.291	ng	98
83) Chrysene	13.992	228	696803	37.369	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	461252	36.774	ng	99
85) Di-n-octyl phthalate	14.568	149	823011	42.245	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	526992	29.306	ng	99
88) Benzo(b)fluoranthene	14.998	252	770818	43.982	ng	99
89) Benzo(k)fluoranthene	15.027	252	619290	39.888	ng	99
90) Benzo(a)pyrene	15.362	252	618980	41.795	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	436328	30.159	ng	99
92) Benzo(g,h,i)perylene	17.298	276	398331	26.479	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

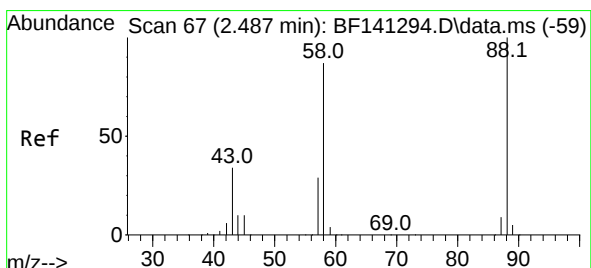
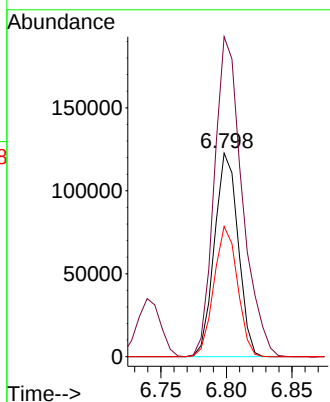
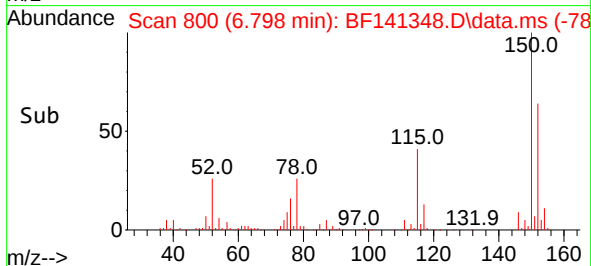
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



Tgt Ion:152 Resp: 153925
Ion Ratio Lower Upper
152 100
150 157.2 125.9 188.9
115 64.0 49.7 74.5

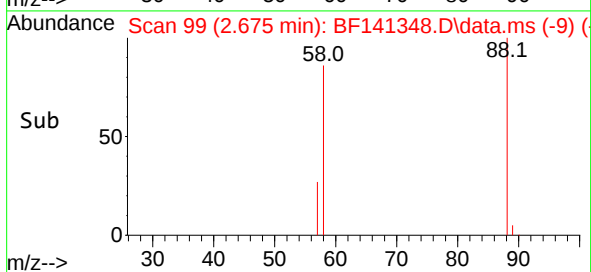
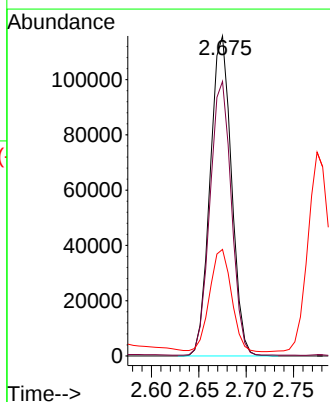
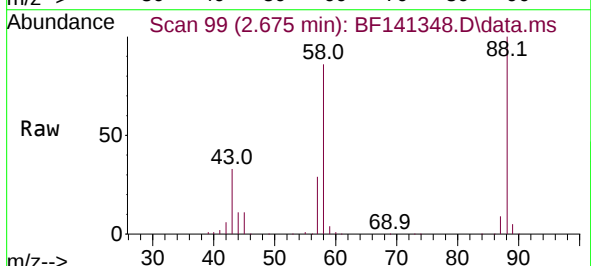
Manual Integrations
APPROVED

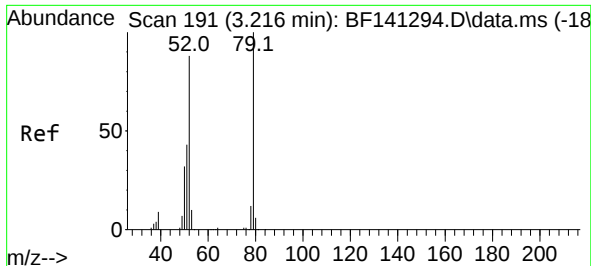
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 41.171 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.182 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

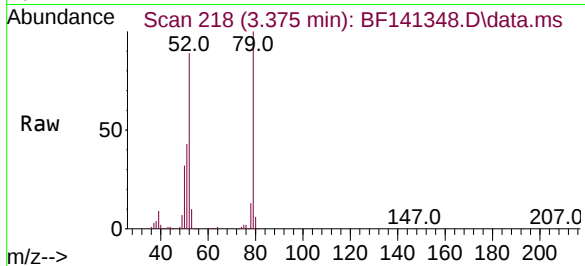
Tgt Ion: 88 Resp: 181546
Ion Ratio Lower Upper
88 100
58 85.8 70.2 105.4
43 0.0 27.6 41.4





#3
Pyridine
Concen: 35.736 ng
RT: 3.375 min Scan# 218
Delta R.T. 0.147 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

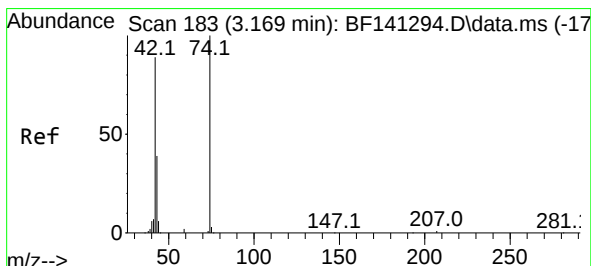
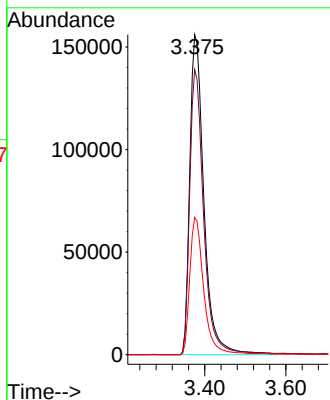
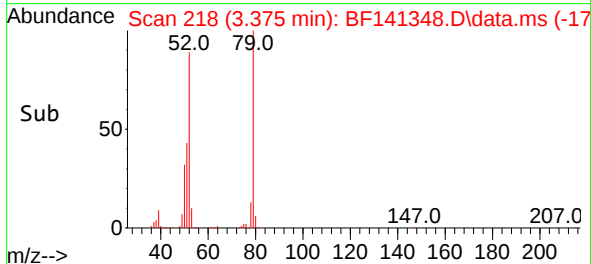
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



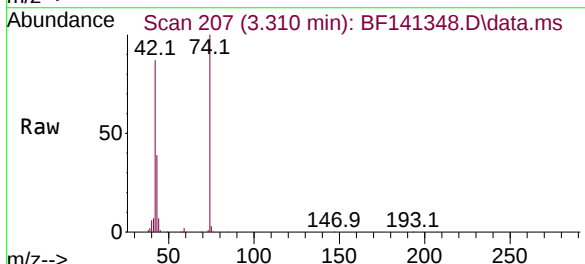
Tgt Ion: 79 Resp: 379670
Ion Ratio Lower Upper
79 100
52 89.1 70.3 105.5
51 42.9 34.3 51.5

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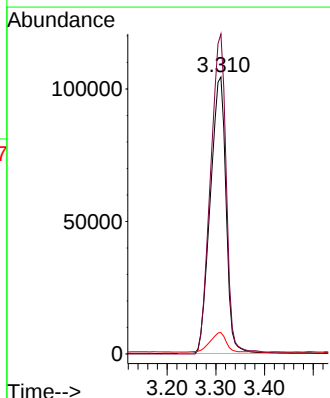
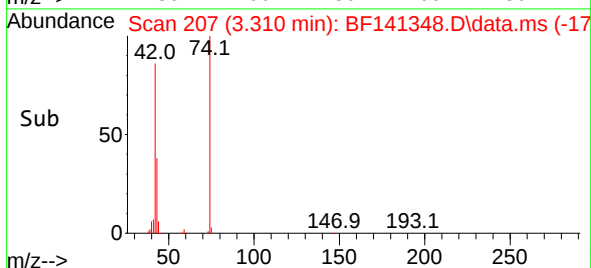
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#4
n-Nitrosodimethylamine
Concen: 38.479 ng
RT: 3.310 min Scan# 207
Delta R.T. 0.112 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion: 42 Resp: 233543
Ion Ratio Lower Upper
42 100
74 115.5 90.3 135.5
44 7.7 5.7 8.5





#5
2-Fluorophenol
Concen: 112.121 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

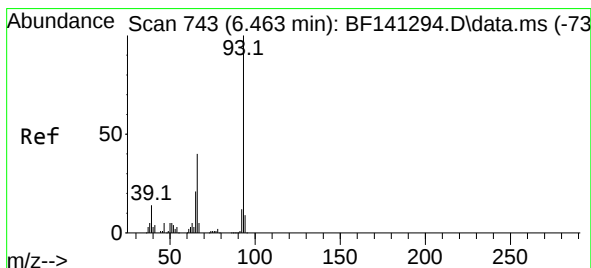
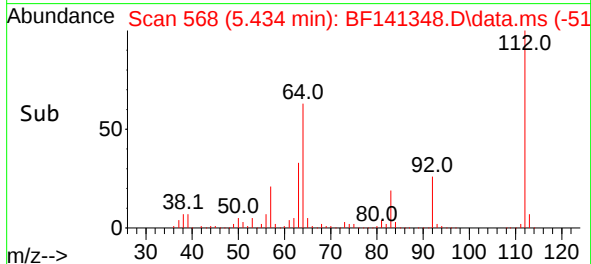
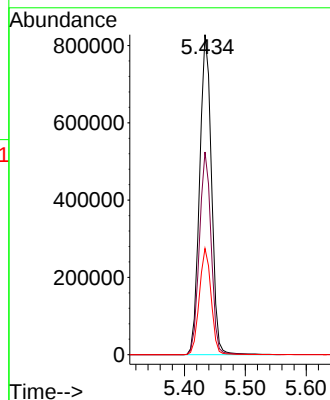
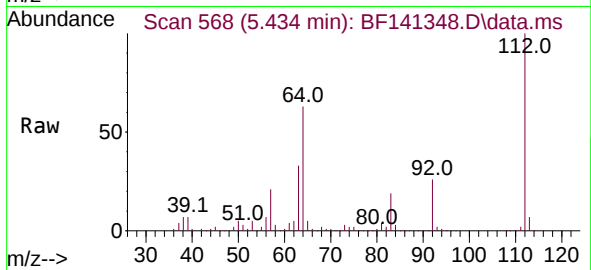
VNJ-236MSD

Tgt Ion:112 Resp: 112416
Ion Ratio Lower Upper
112 100
64 63.4 49.8 74.8
63 33.2 26.1 39.1

Manual Integrations

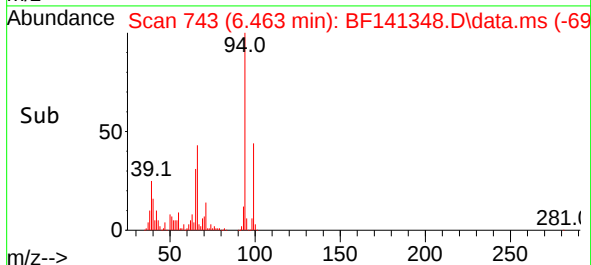
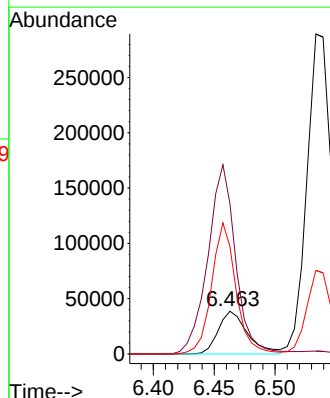
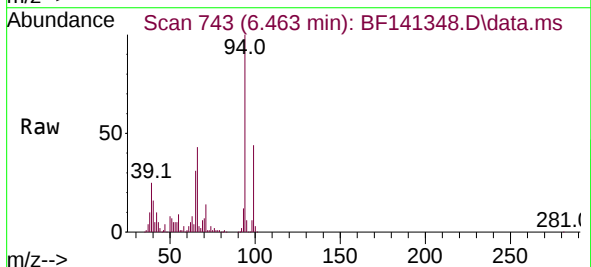
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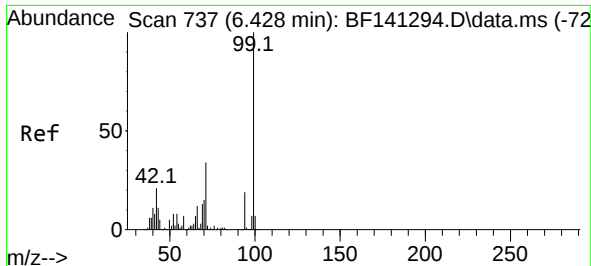
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 6.024 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Tgt Ion: 93 Resp: 65044
Ion Ratio Lower Upper
93 100
66 351.6 32.5 48.7#
65 251.0 17.0 25.6#





#7

Phenol-d6

Concen: 103.479 ng

RT: 6.445 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

Tgt Ion: 99 Resp: 131985

Ion Ratio Lower Upper

99 100

42 21.1 17.1 25.7

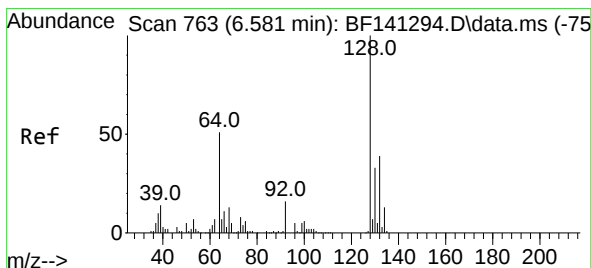
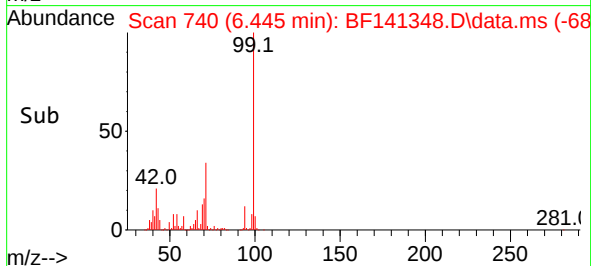
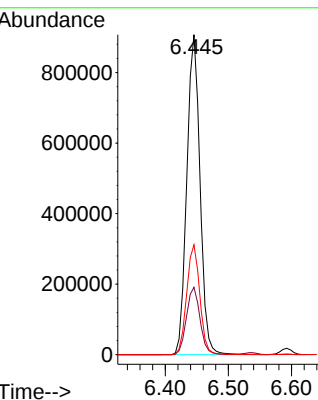
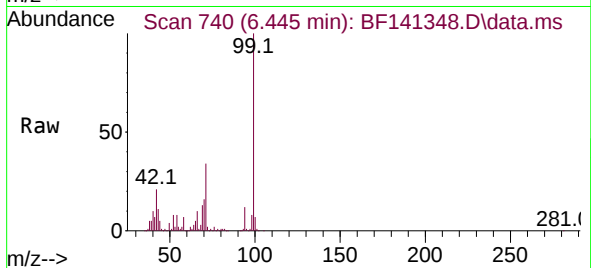
71 34.4 26.9 40.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#8

2-Chlorophenol

Concen: 38.917 ng

RT: 6.592 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

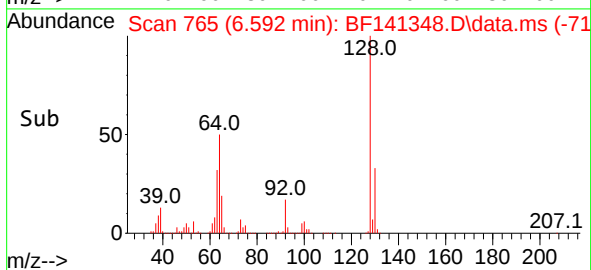
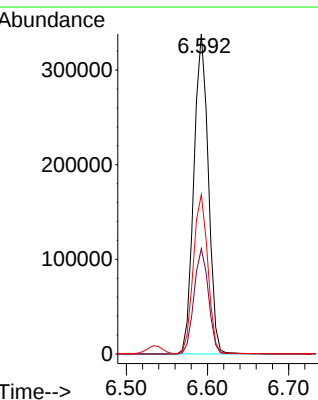
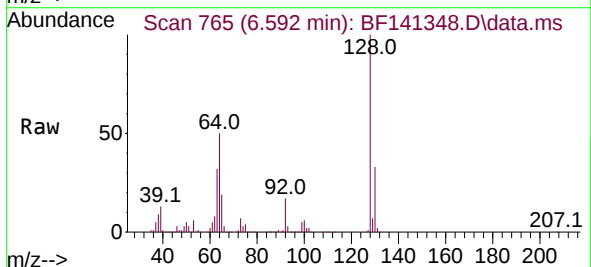
Tgt Ion:128 Resp: 418220

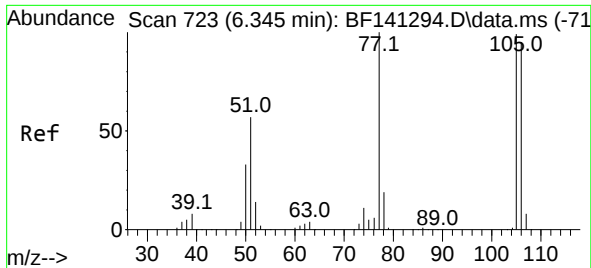
Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

64 49.8 32.9 72.9





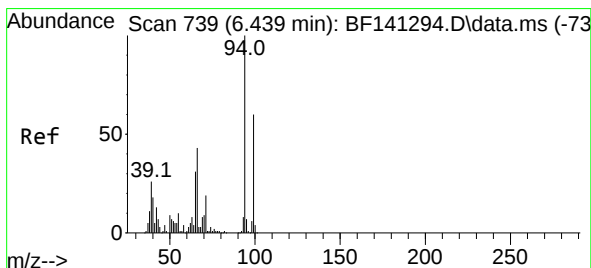
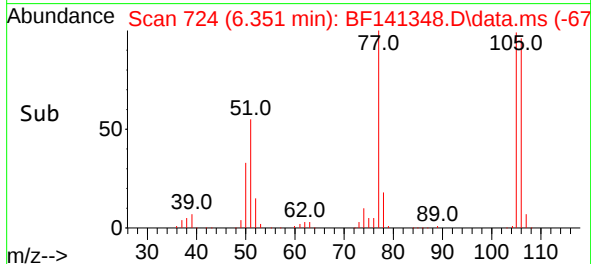
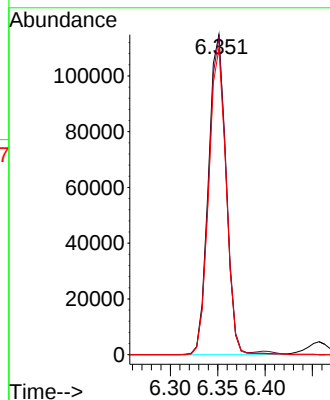
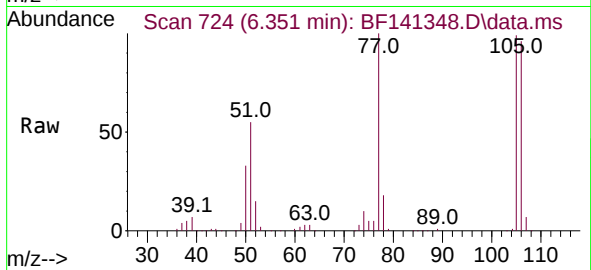
#9
Benzaldehyde
Concen: 19.950 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD

Tgt Ion: 77 Resp: 147390
Ion Ratio Lower Upper
77 100
105 99.2 79.4 119.4
106 95.6 74.6 114.6

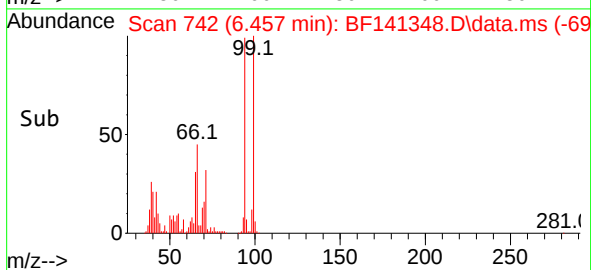
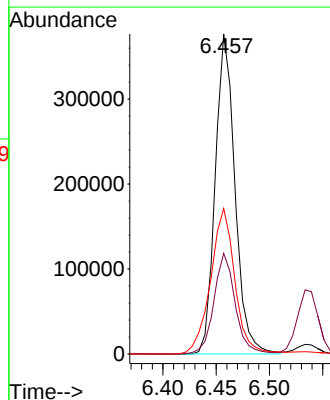
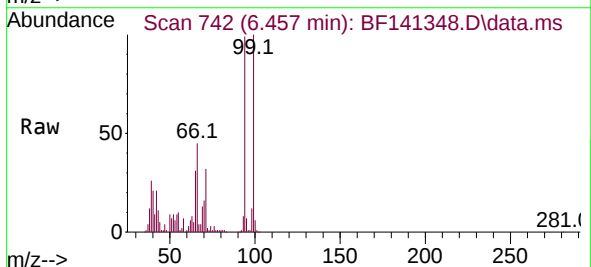
Manual Integrations
APPROVED

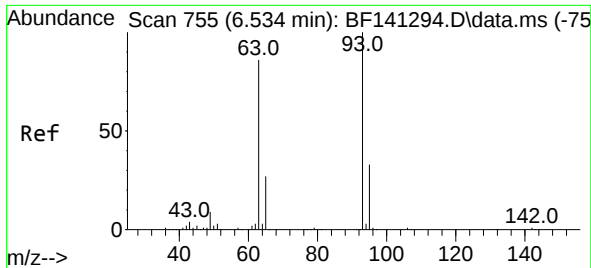
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Phenol
Concen: 35.915 ng
RT: 6.457 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

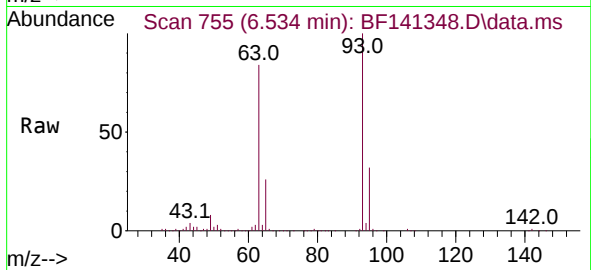
Tgt Ion: 94 Resp: 485596
Ion Ratio Lower Upper
94 100
65 31.5 10.8 50.8
66 45.4 23.3 63.3





#11
bis(2-Chloroethyl)ether
Concen: 38.732 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

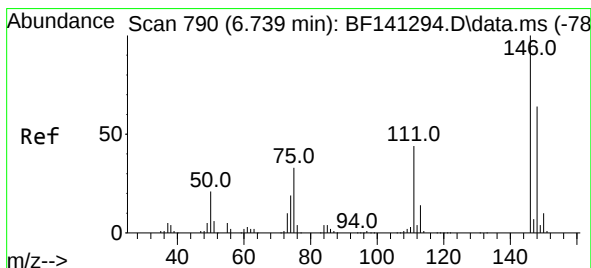
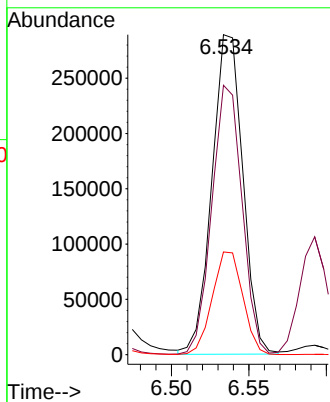
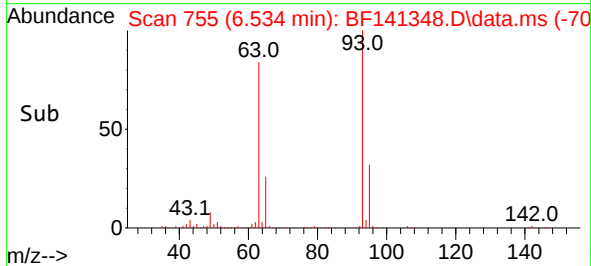
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



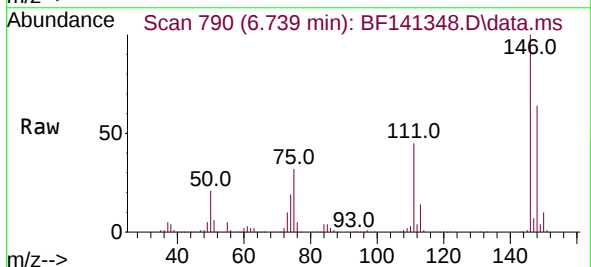
Tgt Ion: 93 Resp: 401530
Ion Ratio Lower Upper
93 100
63 84.2 65.0 105.0
95 32.1 12.4 52.4

Manual Integrations
APPROVED

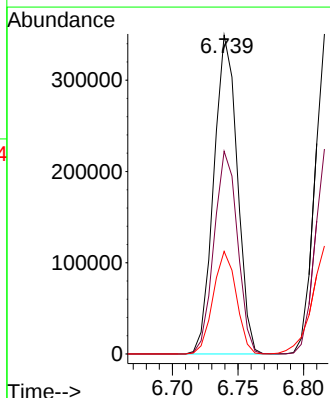
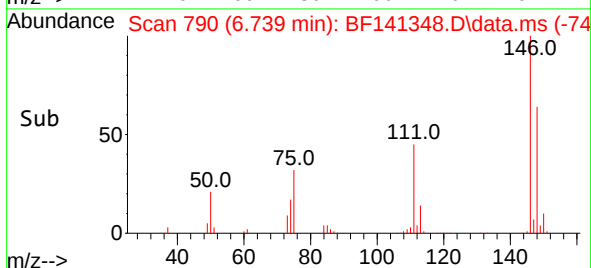
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

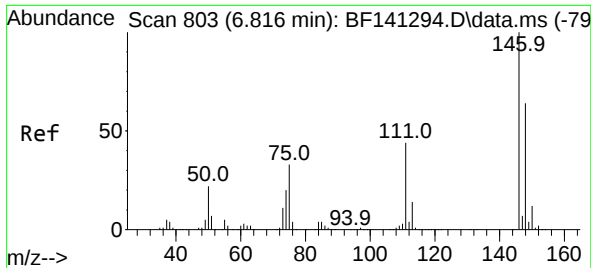


#12
1,3-Dichlorobenzene
Concen: 36.680 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion:146 Resp: 434626
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 32.2 26.2 39.4





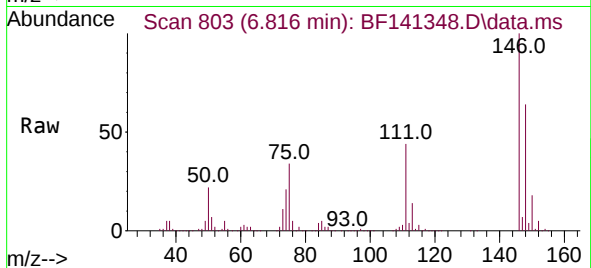
#13
1,4-Dichlorobenzene
Concen: 36.309 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

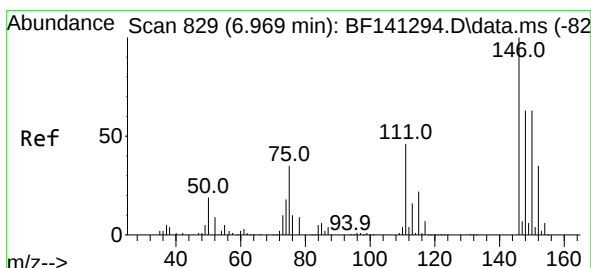
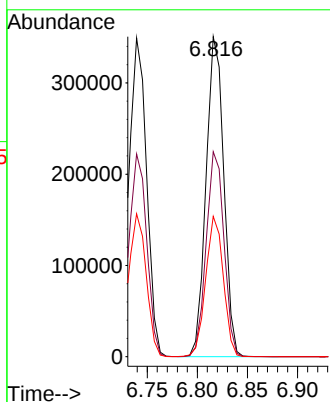
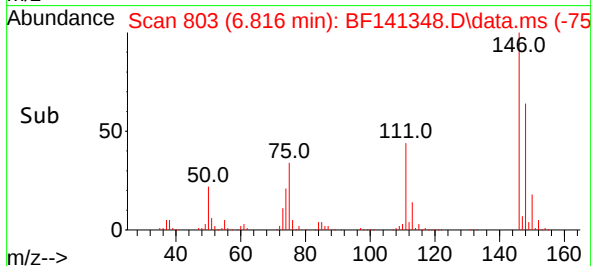


Tgt Ion:146 Resp: 432210
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 43.8 35.0 52.4

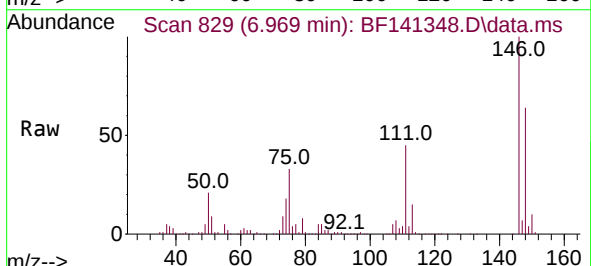
Manual Integrations

APPROVED

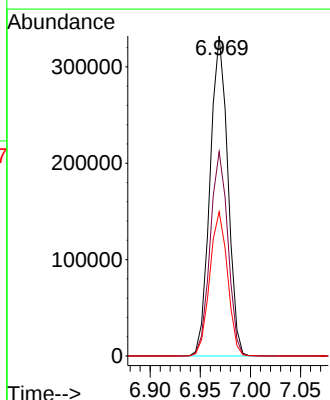
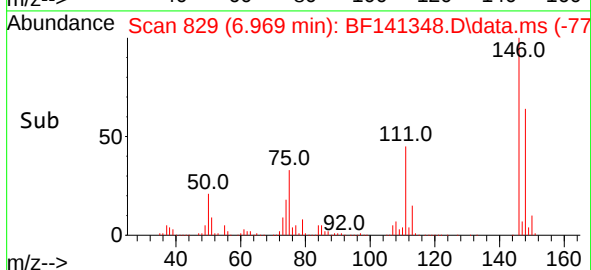
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#14
1,2-Dichlorobenzene
Concen: 36.755 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



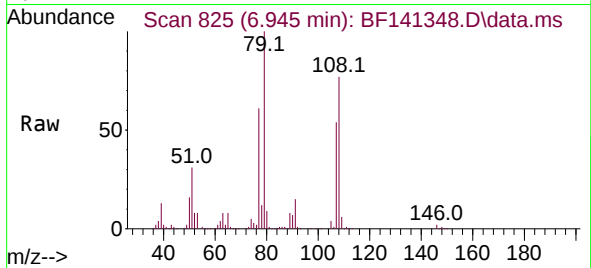
Tgt Ion:146 Resp: 409687
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 45.1 36.6 55.0





#15
Benzyl Alcohol
Concen: 35.565 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

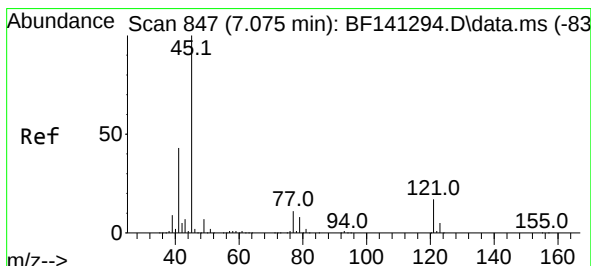
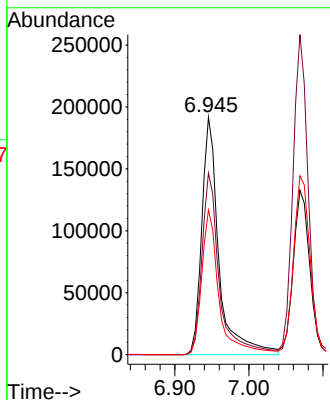
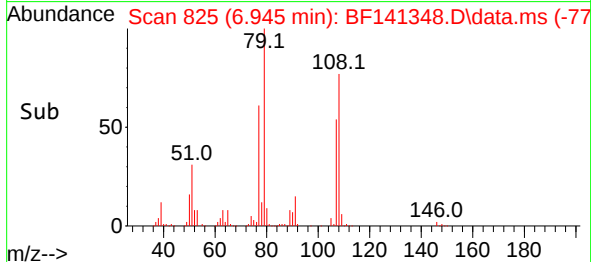
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



Tgt Ion: 79 Resp: 31000
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 60.9 49.9 74.9

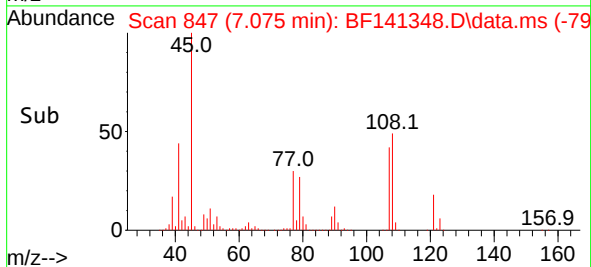
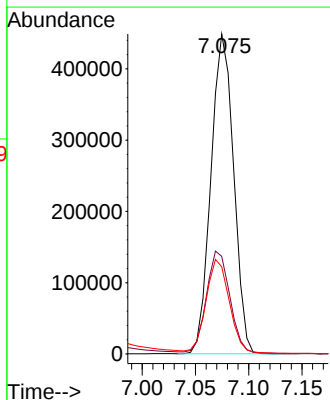
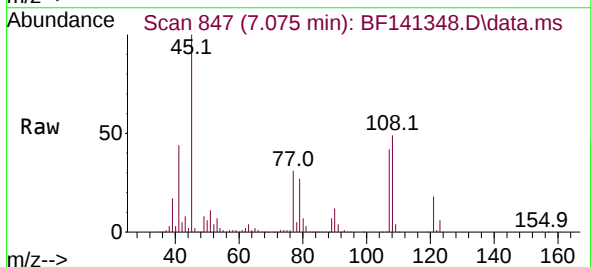
Manual Integrations
APPROVED

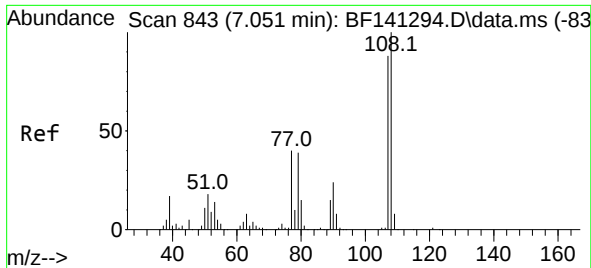
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.778 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

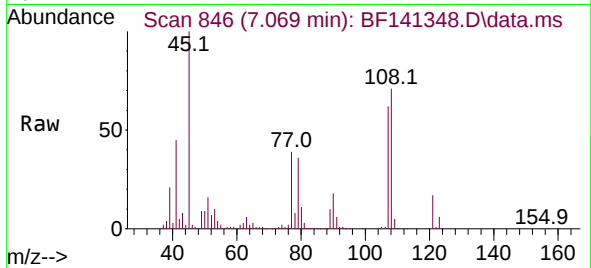
Tgt Ion: 45 Resp: 663014
Ion Ratio Lower Upper
45 100
77 30.5 0.0 31.8
79 27.3 0.0 29.1





#17
2-Methylphenol
Concen: 36.694 ng
RT: 7.069 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

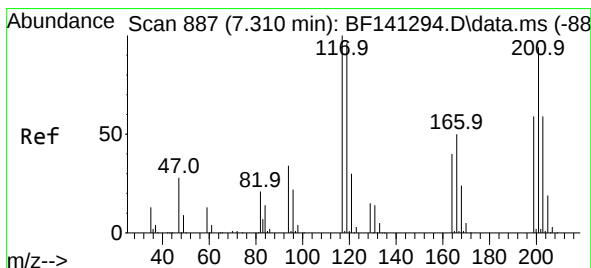
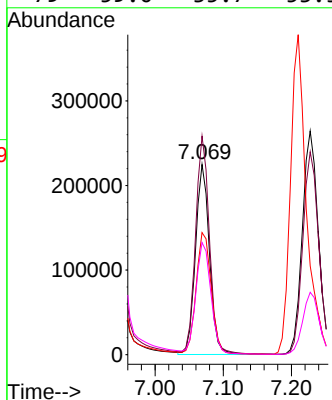
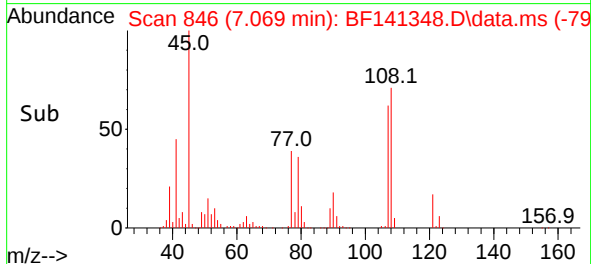
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



Tgt Ion:107 Resp: 320489
Ion Ratio Lower Upper
107 100
108 114.9 90.8 136.2
77 64.2 36.2 54.4
79 59.0 35.7 53.5#

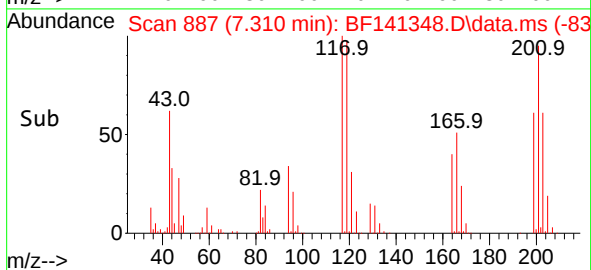
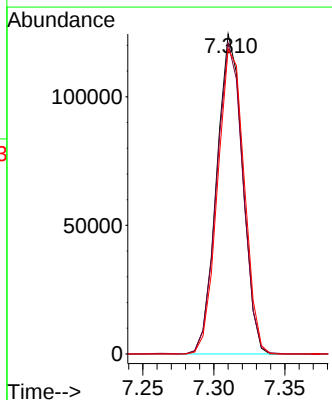
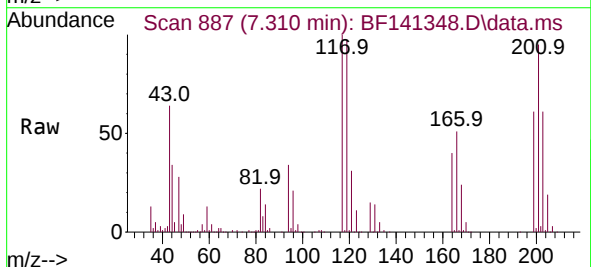
Manual Integrations
APPROVED

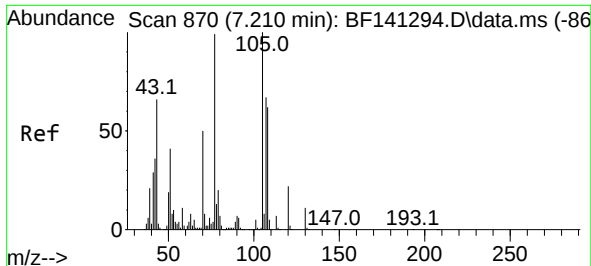
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 35.893 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

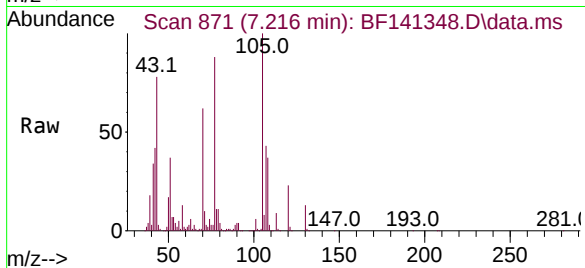
Tgt Ion:117 Resp: 157617
Ion Ratio Lower Upper
117 100
119 97.2 76.6 114.8
201 95.4 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.016 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

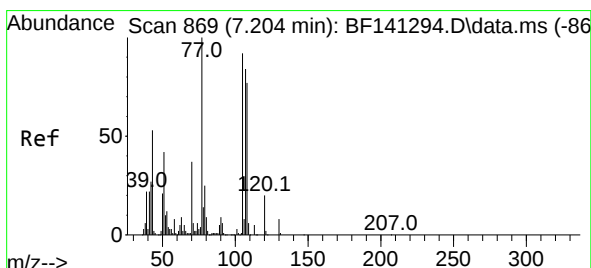
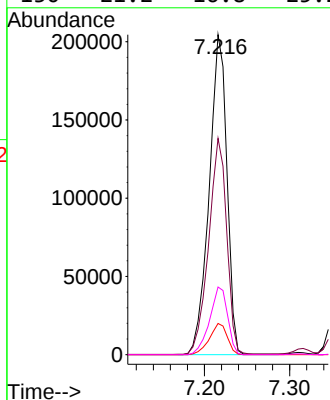
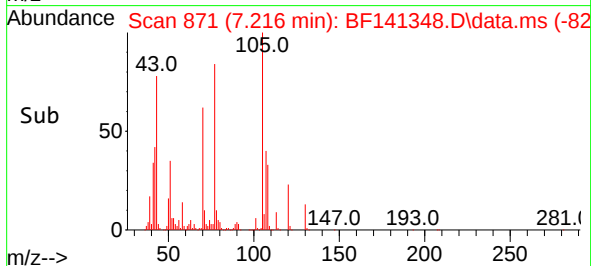
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



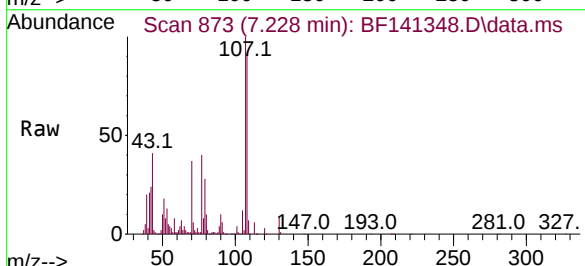
Tgt Ion: 70 Resp: 295690
Ion Ratio Lower Upper
70 100
42 67.6 56.8 85.2
101 9.7 7.7 11.5
130 21.2 16.8 25.2

Manual Integrations
APPROVED

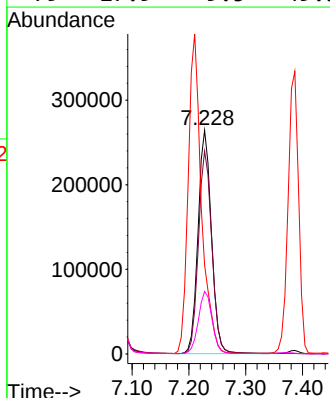
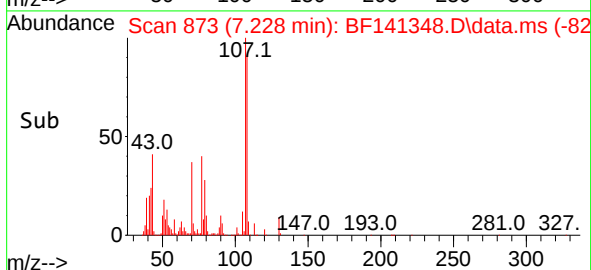
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

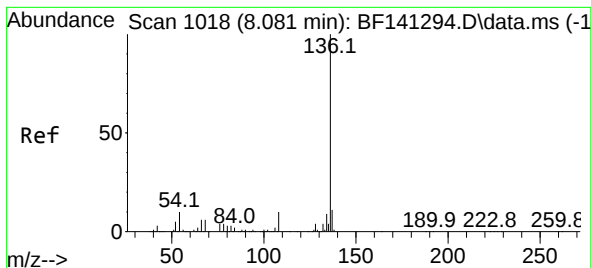


#20
3+4-Methylphenols
Concen: 40.418 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.012 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



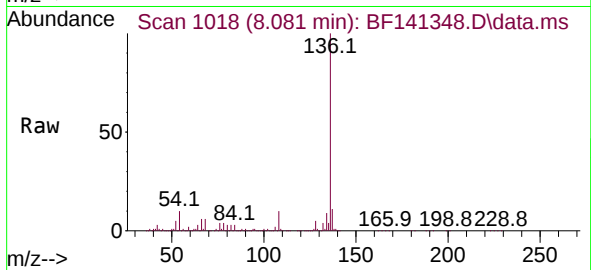
Tgt Ion:107 Resp: 433449
Ion Ratio Lower Upper
107 100
108 90.7 70.9 110.9
77 39.7 98.5 138.5#
79 27.9 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

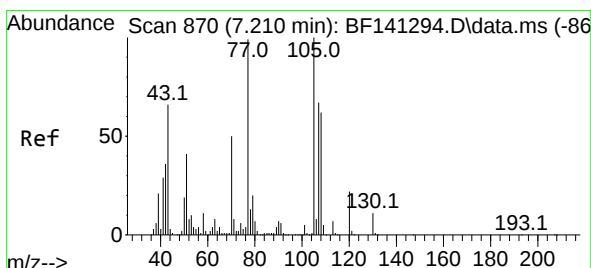
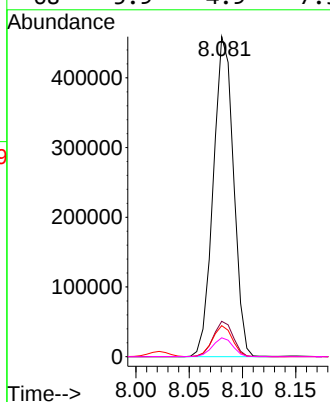
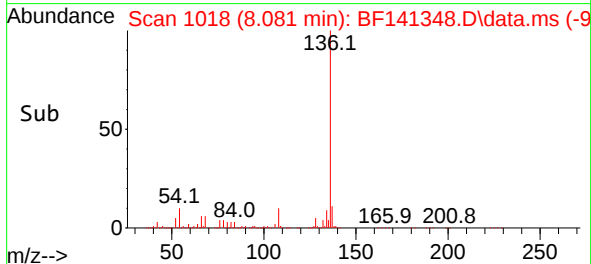
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



Tgt Ion:	136	Resp:	60564
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	9.7	7.8	11.8
68	5.9	4.9	7.3

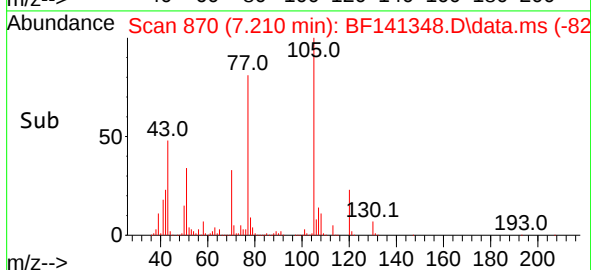
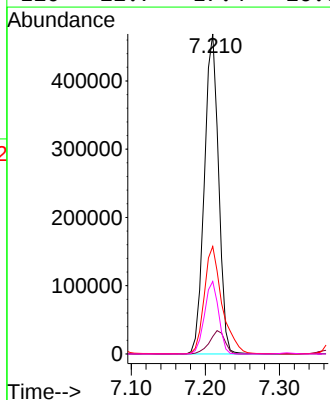
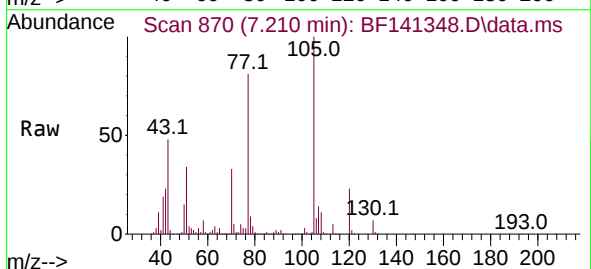
Manual Integrations
APPROVED

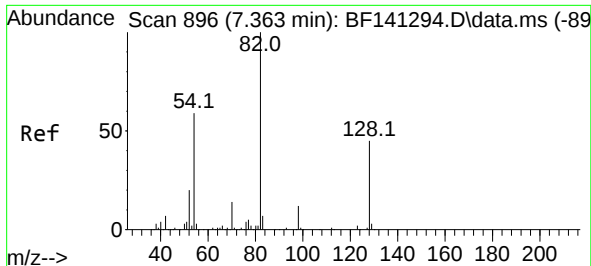
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Acetophenone
Concen: 43.454 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Tgt Ion:	105	Resp:	625566
Ion Ratio	Lower	Upper	
105	100		
71	5.5	6.8	10.2
51	33.6	32.6	49.0
120	22.7	17.4	26.0





#23

Nitrobenzene-d5

Concen: 85.525 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

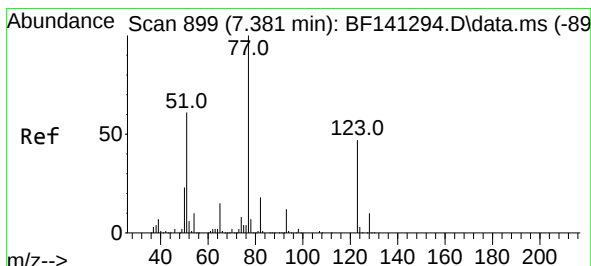
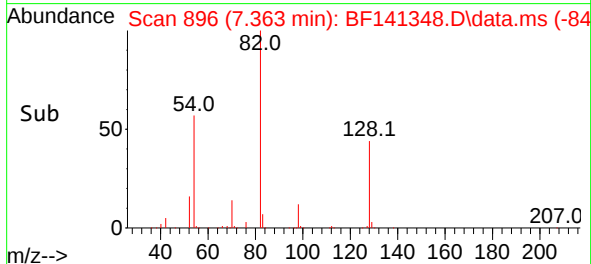
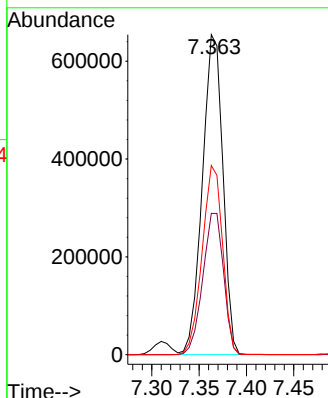
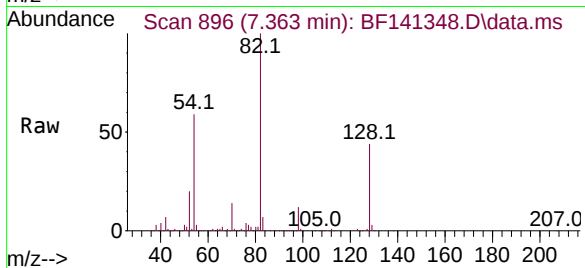
Tgt Ion: 82 Resp: 982578

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.7	53.5
54	59.1	47.1	70.7

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 36.030 ng

RT: 7.386 min Scan# 900

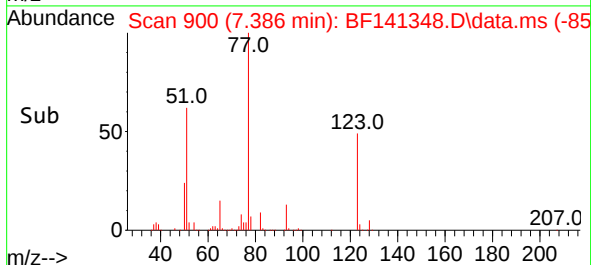
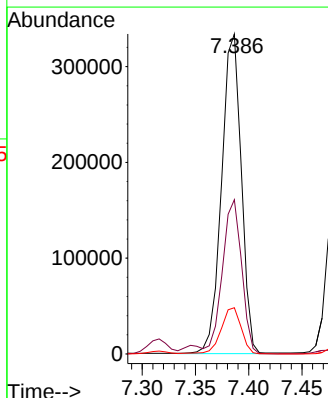
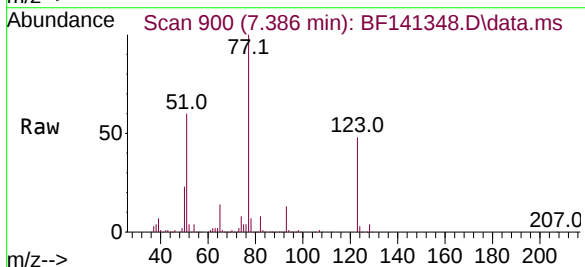
Delta R.T. -0.006 min

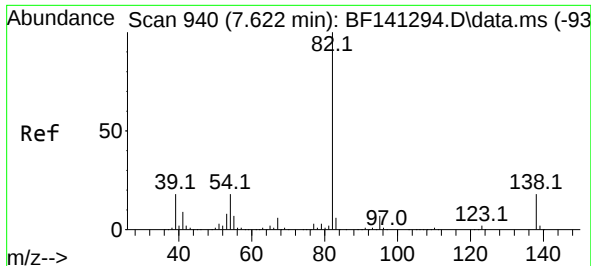
Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Tgt Ion: 77 Resp: 428974

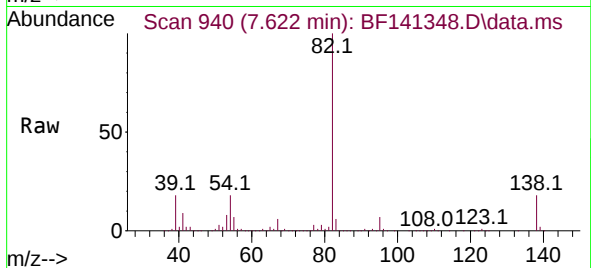
Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.3	55.9
65	14.4	11.8	17.6





#25
Isophorone
Concen: 38.962 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

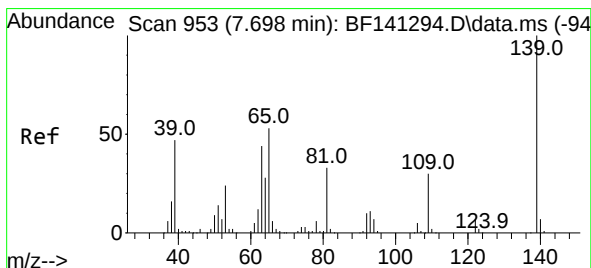
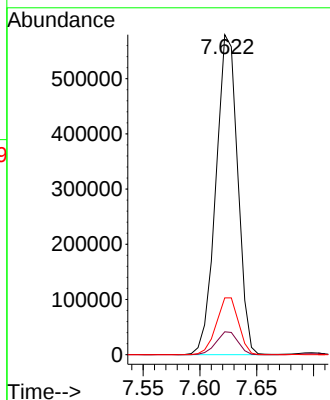
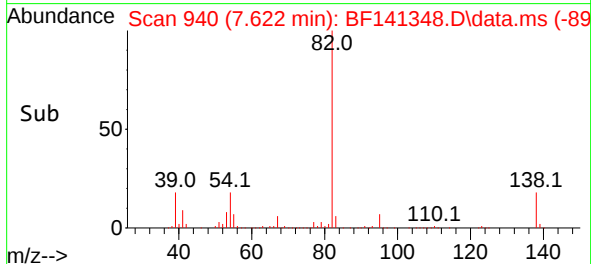
Instrument :
BNA_F
Client Sample Id :
VNJ-236MSD



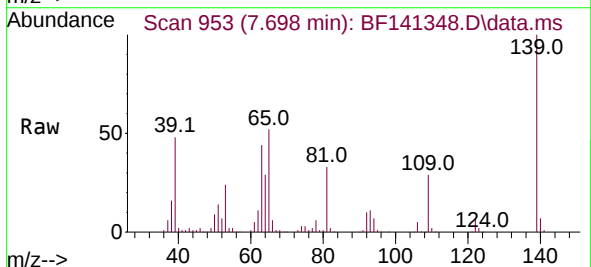
Tgt Ion: 82 Resp: 77376
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.8 14.7 22.1

Manual Integrations
APPROVED

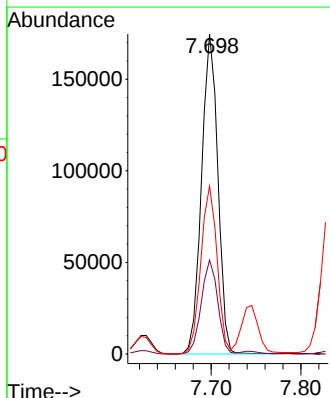
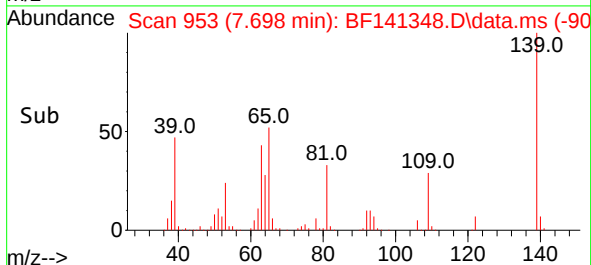
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#26
2-Nitrophenol
Concen: 39.280 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion:139 Resp: 220556
Ion Ratio Lower Upper
139 100
109 29.3 23.8 35.6
65 52.5 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 49.352 ng m

RT: 7.745 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141348.D

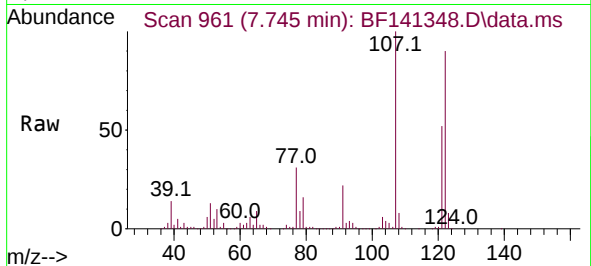
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD



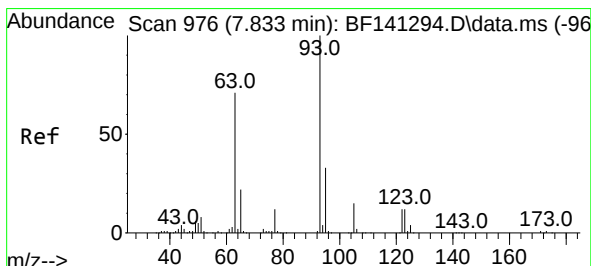
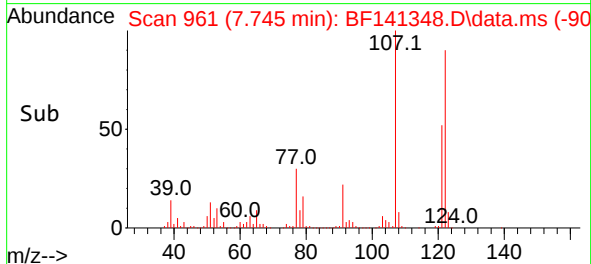
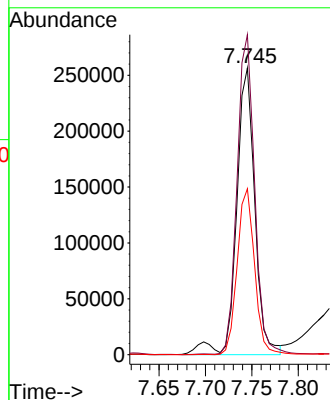
Tgt Ion:122 Resp: 35271

Ion	Ratio	Lower	Upper
122	100		
107	111.6	89.9	134.9
121	57.9	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: 37.979 ng

RT: 7.833 min Scan# 976

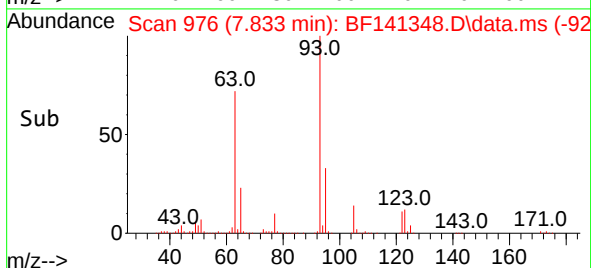
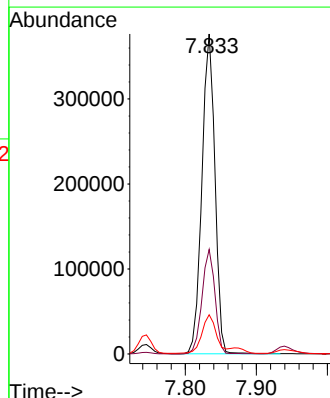
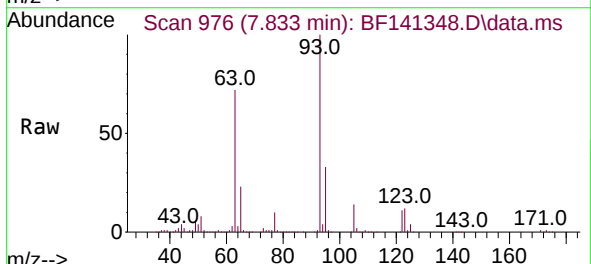
Delta R.T. -0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Tgt Ion: 93 Resp: 481111

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	12.2	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 38.652 ng

RT: 7.951 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

Tgt Ion:162 Resp: 33818

Ion Ratio Lower Upper

162 100

164 63.6 44.2 84.2

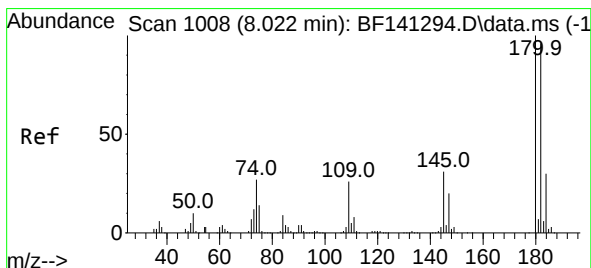
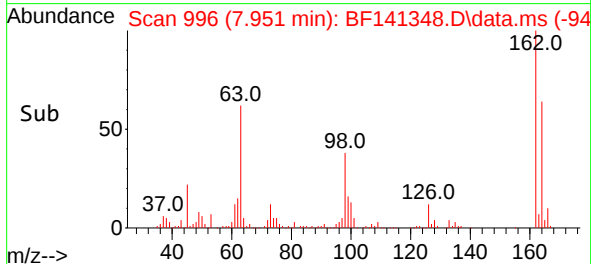
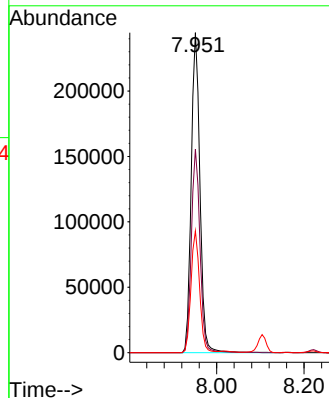
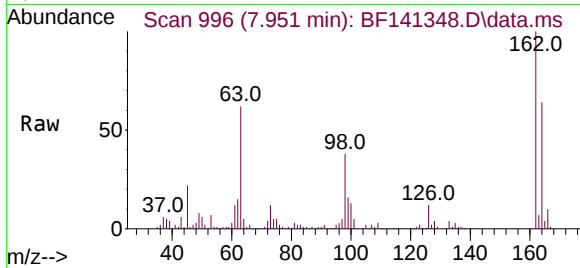
98 38.0 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 35.752 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

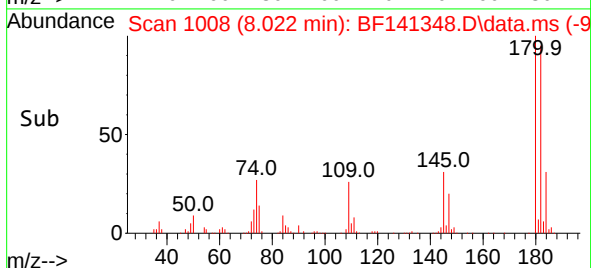
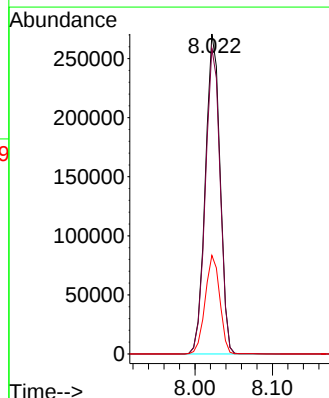
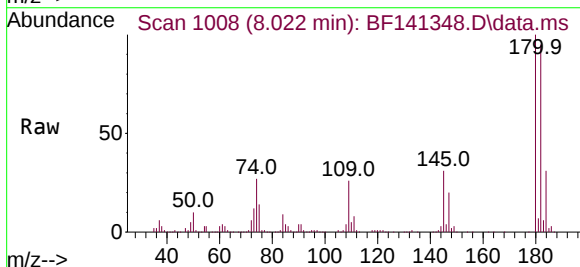
Tgt Ion:180 Resp: 357239

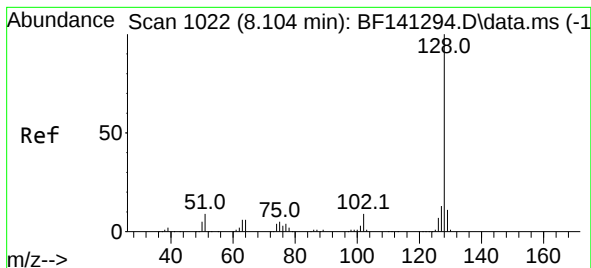
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 30.8 24.9 37.3





#31

Naphthalene

Concen: 36.581 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

Tgt Ion:128 Resp: 1170409

Ion Ratio Lower Upper

128 100

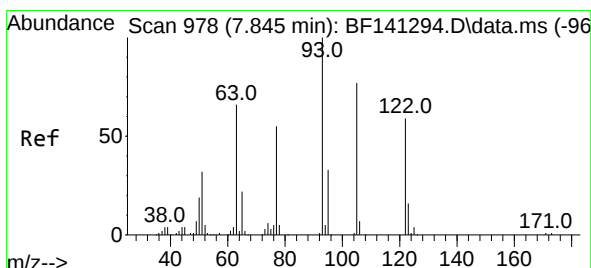
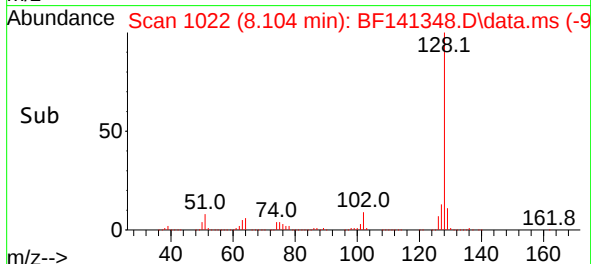
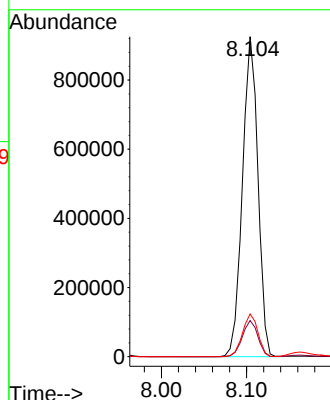
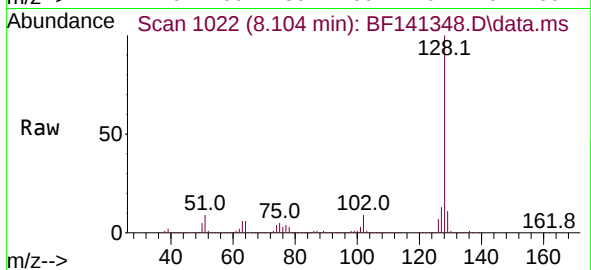
129 11.3 8.9 13.3

127 13.4 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: 45.884 ng

RT: 7.869 min Scan# 982

Delta R.T. -0.012 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

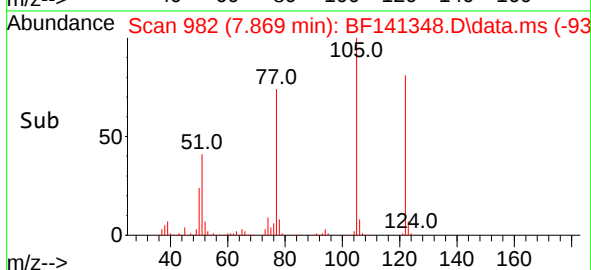
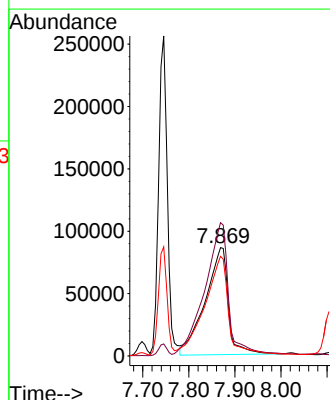
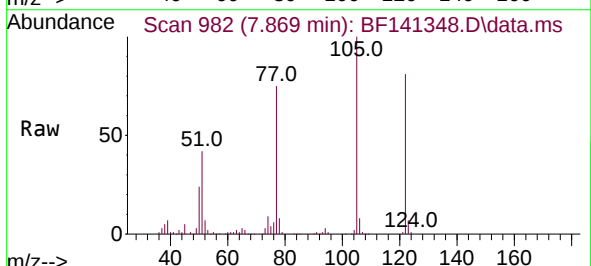
Tgt Ion:122 Resp: 301460

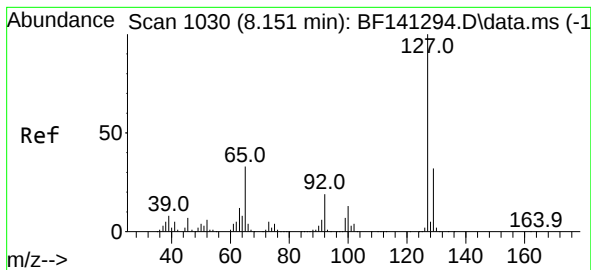
Ion Ratio Lower Upper

122 100

105 123.0 103.4 143.4

77 92.0 70.9 110.9





#33

4-Chloroaniline

Concen: 2.622 ng

RT: 8.163 min Scan# 1032

Delta R.T. 0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

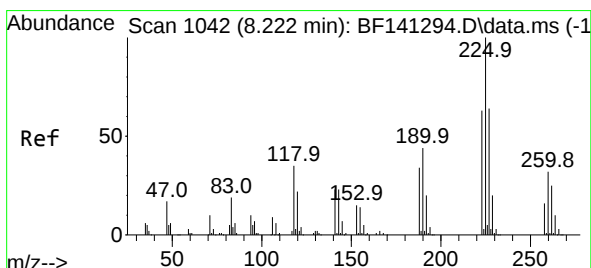
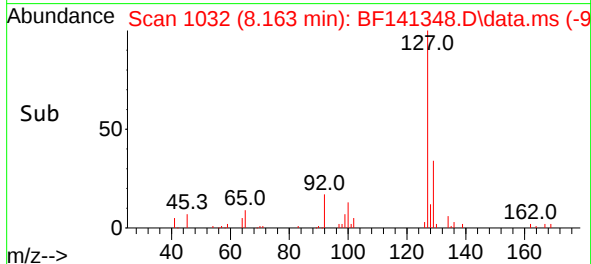
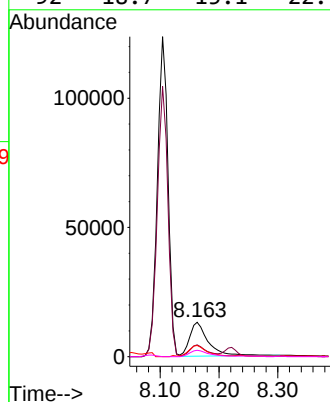
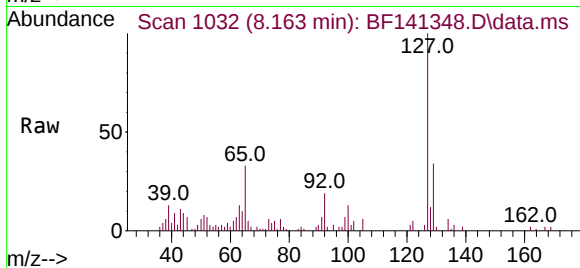
VNJ-236MSD

Tgt Ion:	127	Resp:	2844
Ion Ratio	Lower	Upper	
127	100		
129	34.3	25.7	38.5
65	32.6	26.4	39.6
92	18.7	15.1	22.7

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 36.070 ng

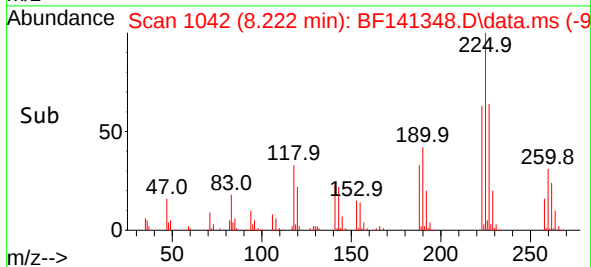
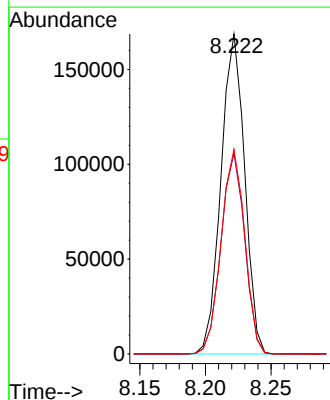
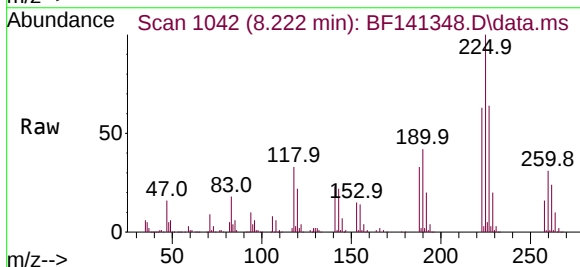
RT: 8.222 min Scan# 1042

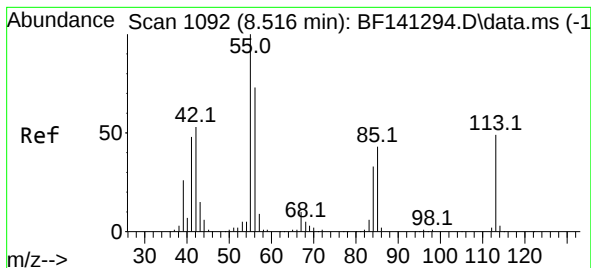
Delta R.T. -0.000 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Tgt Ion:	225	Resp:	211361
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.4	75.6
227	64.0	51.3	76.9





#35

Caprolactam

Concen: 41.336 ng

RT: 8.522 min Scan# 1115

Delta R.T. -0.024 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

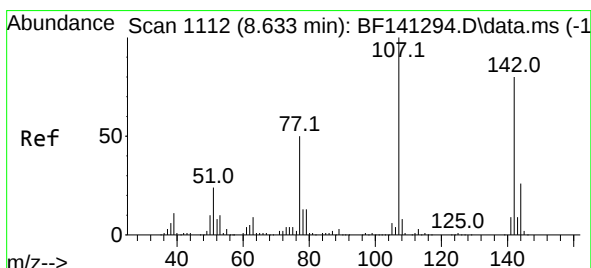
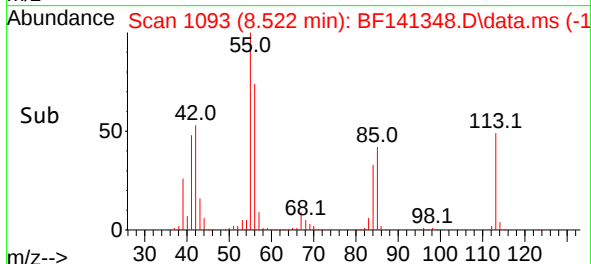
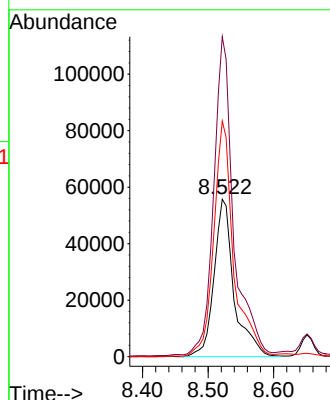
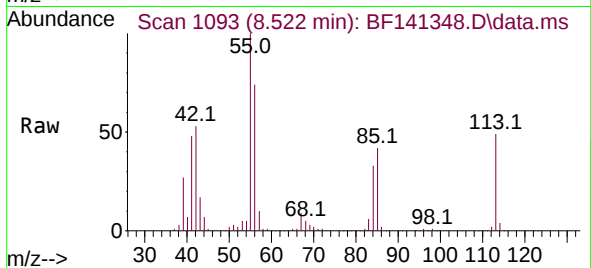
VNJ-236MSD

Tgt Ion:	113	Resp:	11811
Ion	Ratio	Lower	Upper
113	100		
55	203.2	182.9	222.9
56	149.7	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: 36.917 ng

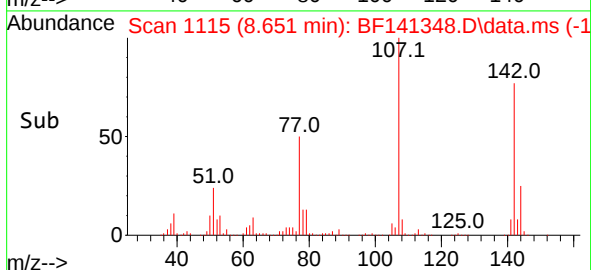
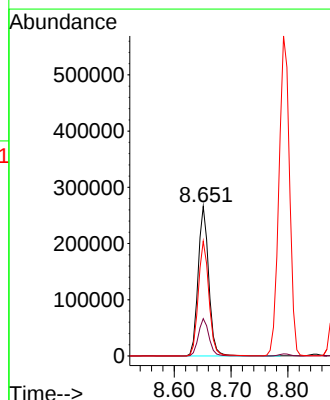
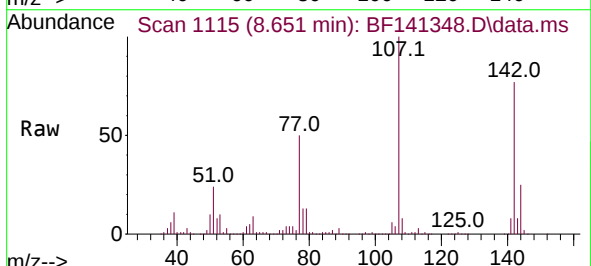
RT: 8.651 min Scan# 1115

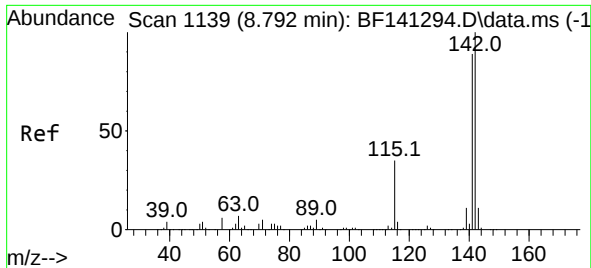
Delta R.T. 0.012 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Tgt Ion:	107	Resp:	346469
Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.7	31.1
142	76.7	63.8	95.8





#37
2-Methylnaphthalene
Concen: 36.244 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

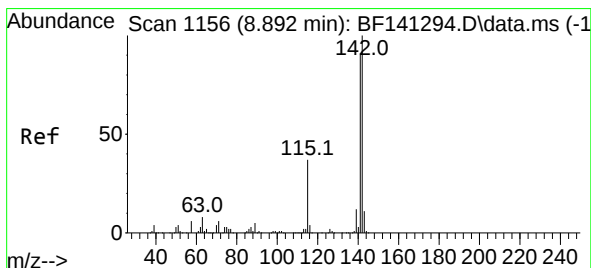
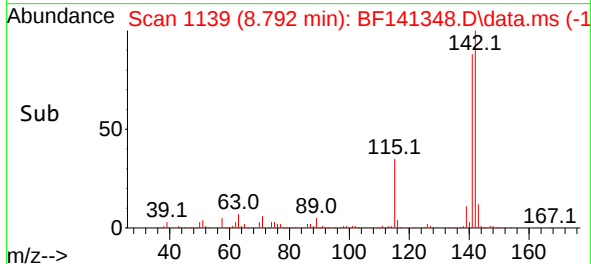
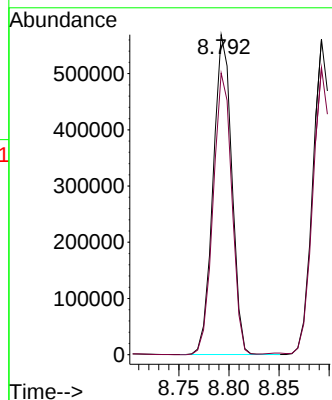
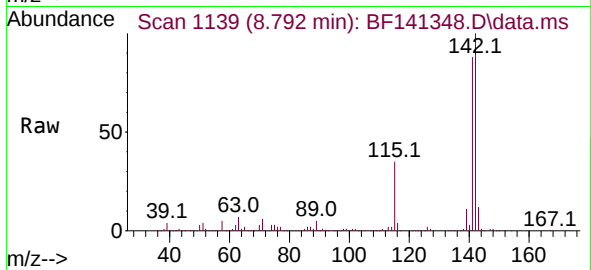
VNJ-236MSD

Tgt Ion:142 Resp: 73704
Ion Ratio Lower Upper
142 100
141 88.0 71.3 106.9

Manual Integrations

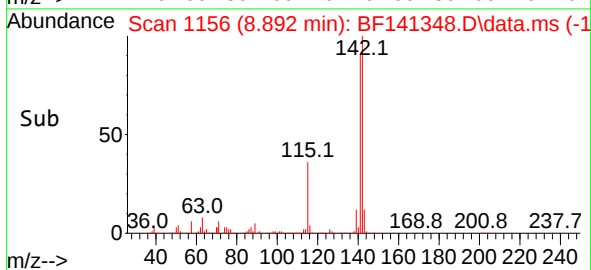
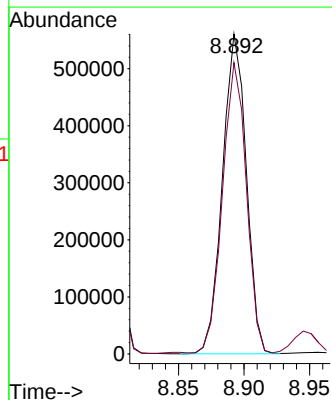
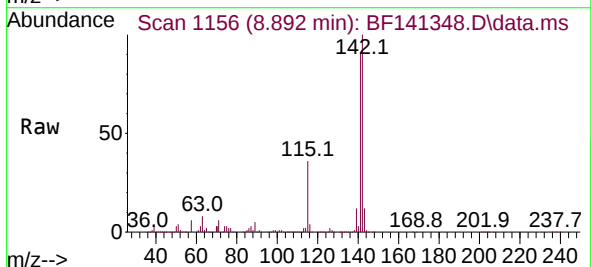
APPROVED

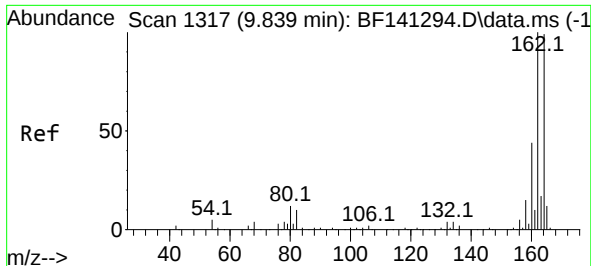
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 35.500 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Tgt Ion:142 Resp: 709128
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8





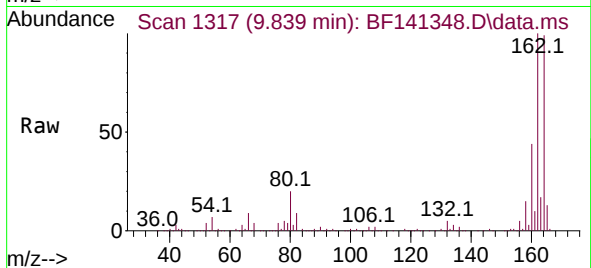
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

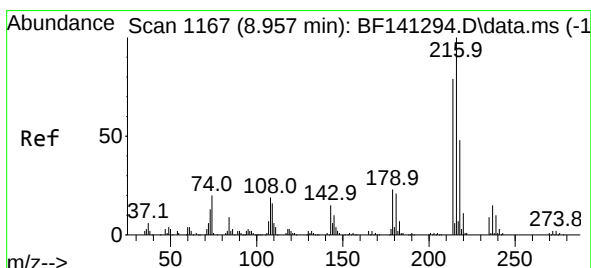
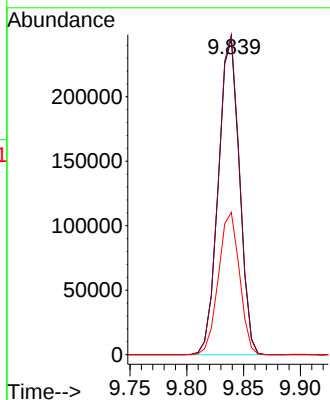
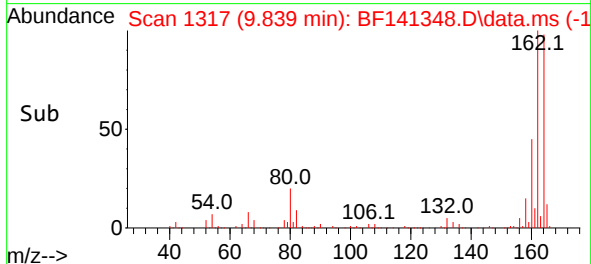


Tgt Ion:164 Resp: 316012
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 45.1 35.8 53.6

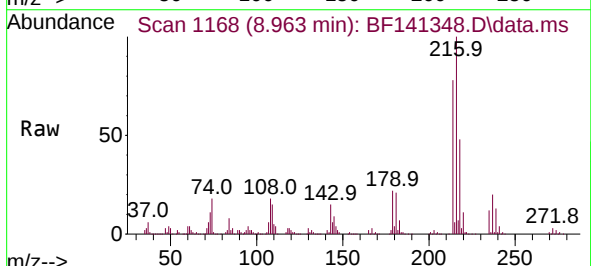
Manual Integrations

APPROVED

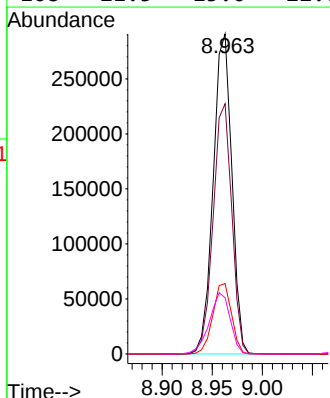
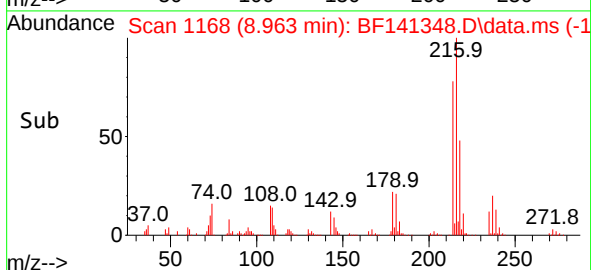
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.686 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



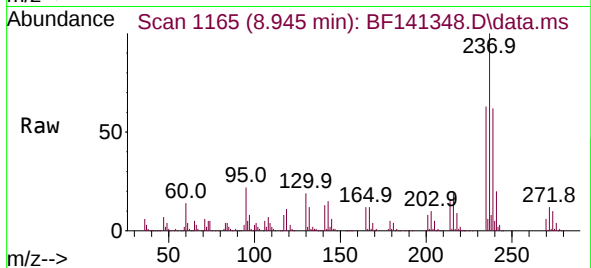
Tgt Ion:216 Resp: 374767
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 22.2 17.8 26.8
108 21.5 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 157.920 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

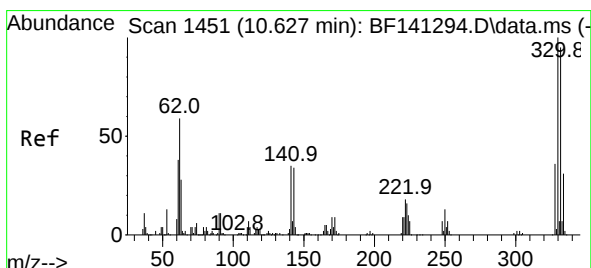
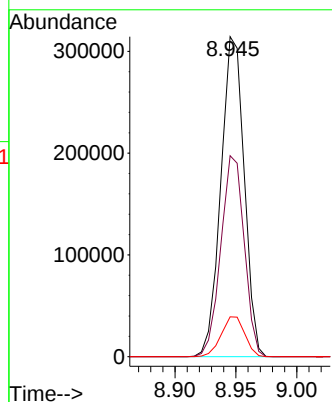
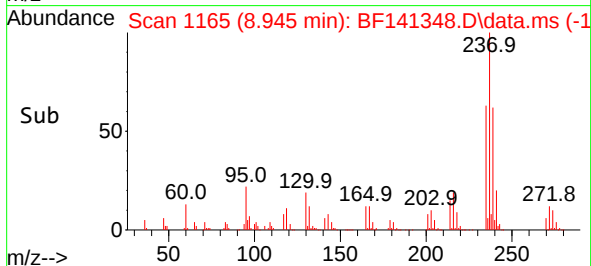
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



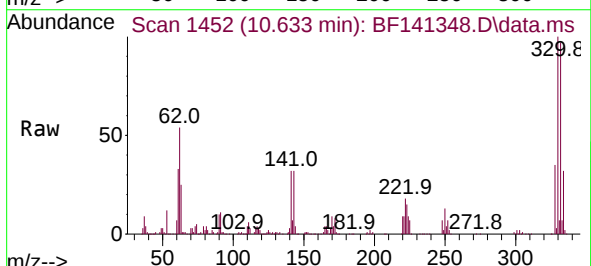
Tgt Ion:237 Resp: 41928
Ion Ratio Lower Upper
237 100
235 62.8 42.9 82.9
272 12.4 0.0 32.8

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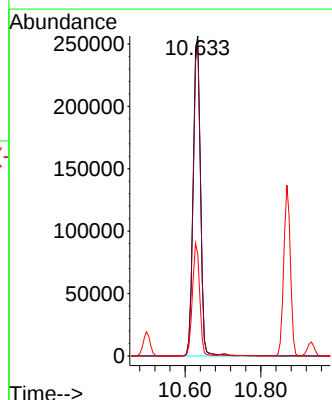
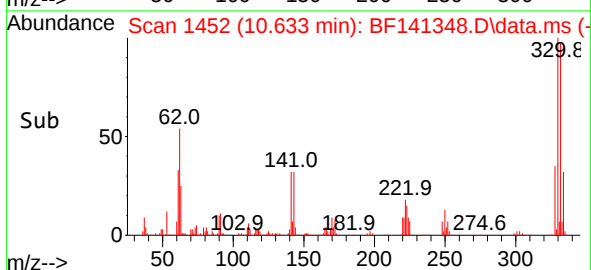
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#42
2,4,6-Tribromophenol
Concen: 119.035 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



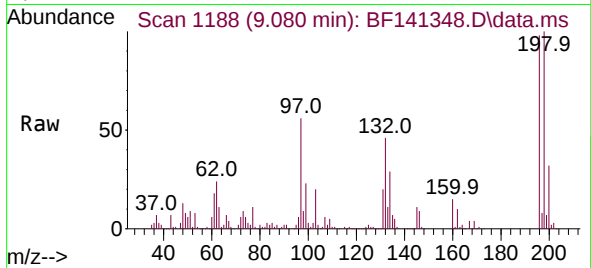
Tgt Ion:330 Resp: 344857
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 34.6 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 39.166 ng
RT: 9.080 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

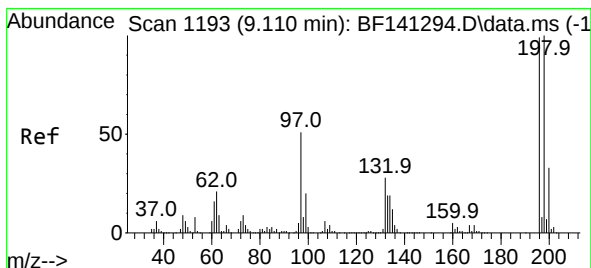
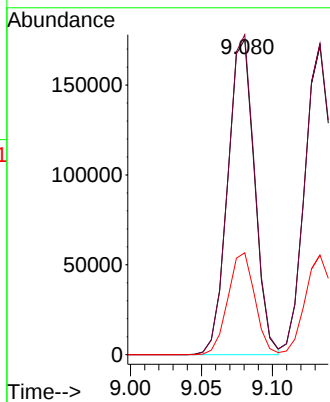
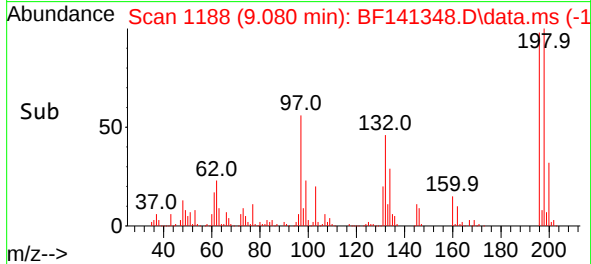
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



Tgt Ion:196 Resp: 23046
Ion Ratio Lower Upper
196 100
198 101.5 81.8 122.6
200 32.4 26.3 39.5

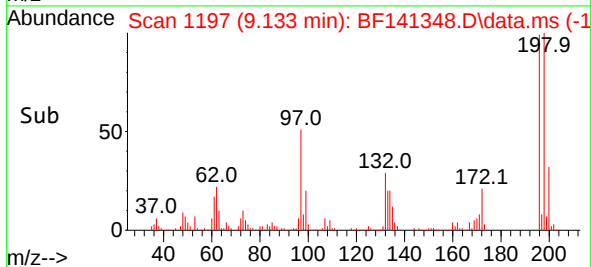
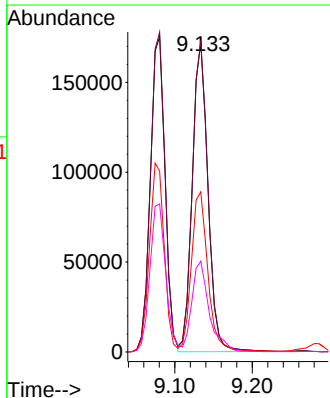
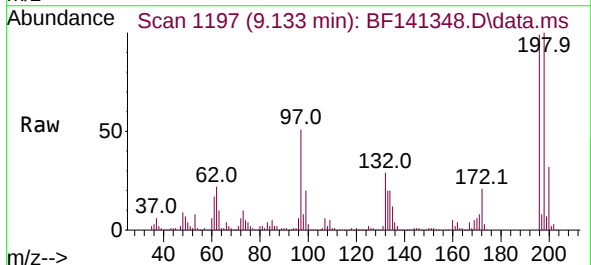
Manual Integrations
APPROVED

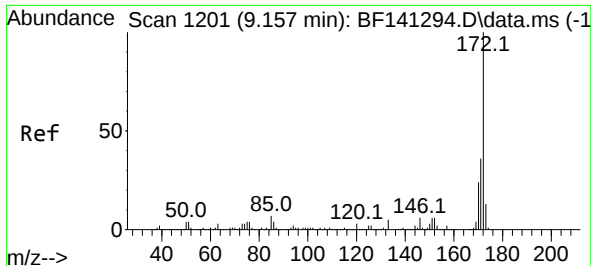
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#44
2,4,5-Trichlorophenol
Concen: 37.571 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.017 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

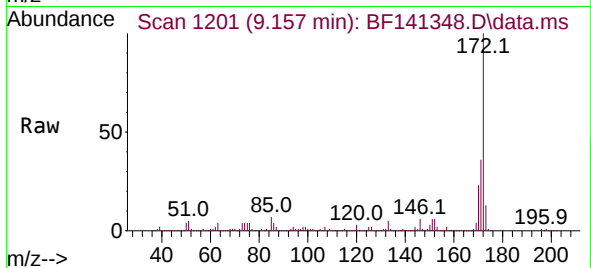
Tgt Ion:196 Resp: 240626
Ion Ratio Lower Upper
196 100
198 100.7 80.5 120.7
97 51.8 42.8 64.2
132 29.3 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 80.880 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

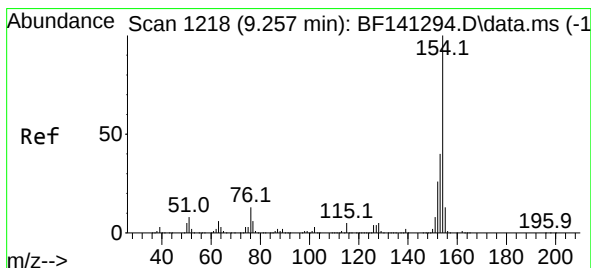
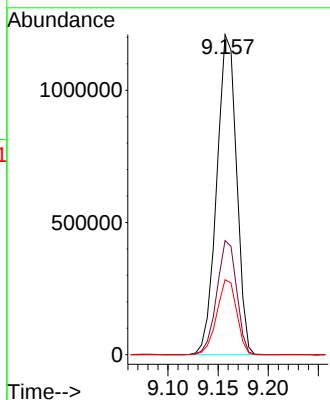
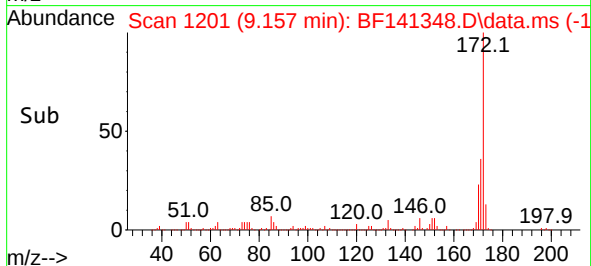
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



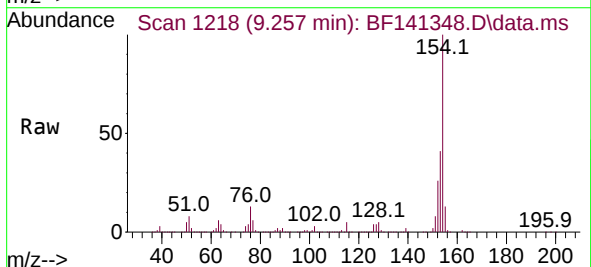
Tgt Ion:172 Resp: 1660558
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 19.0 28.6

Manual Integrations
APPROVED

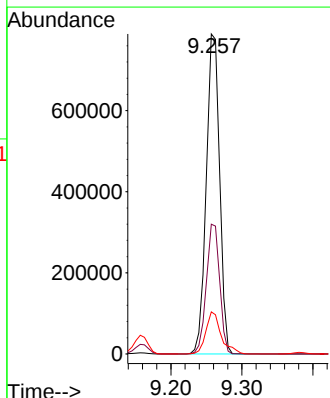
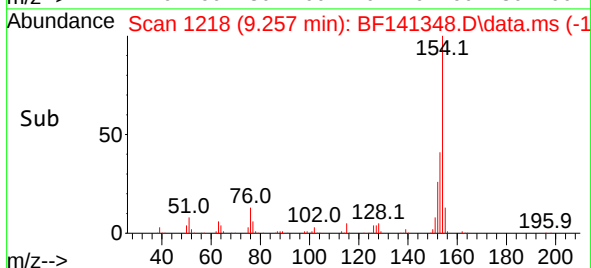
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

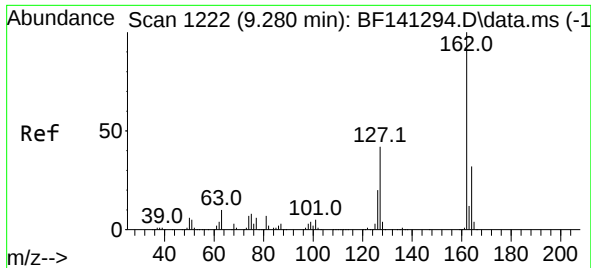


#46
1,1'-Biphenyl
Concen: 41.955 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion:154 Resp: 1033995
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 13.2 0.0 32.8





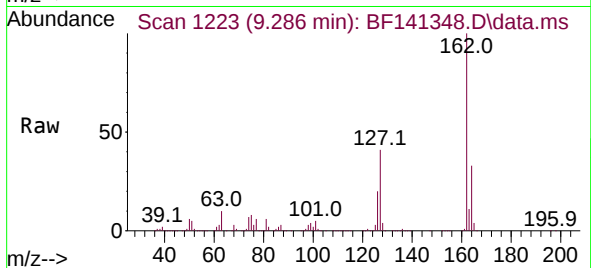
#47
2-Chloronaphthalene
Concen: 36.709 ng
RT: 9.286 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

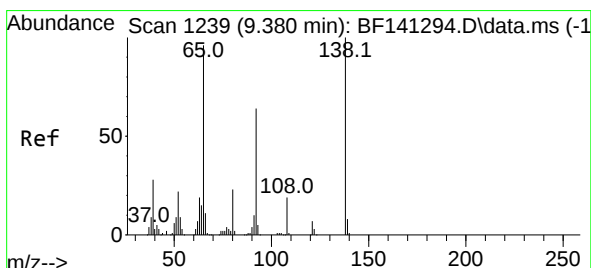
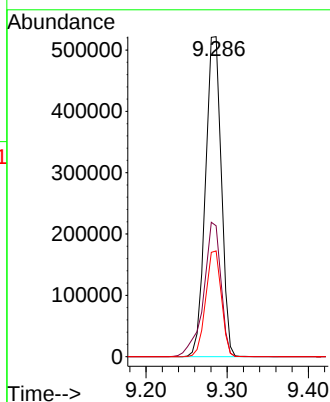
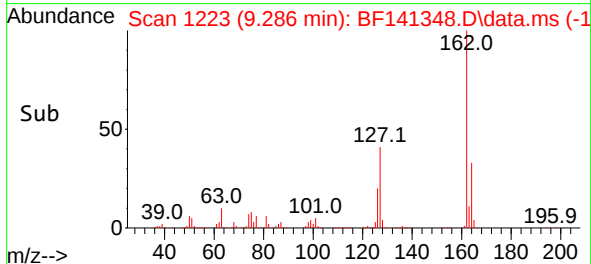


Tgt Ion:162 Resp: 70516
Ion Ratio Lower Upper
162 100
127 40.9 33.7 50.5
164 33.0 25.9 38.9

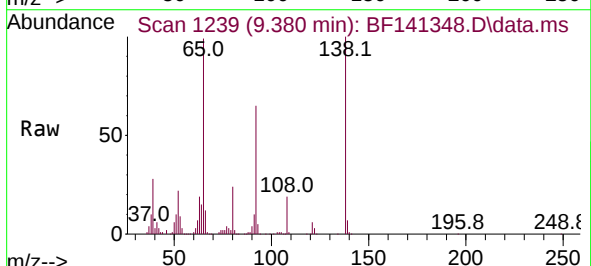
Manual Integrations

APPROVED

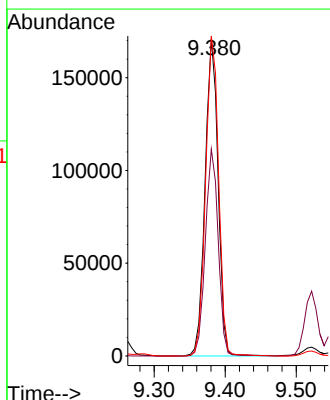
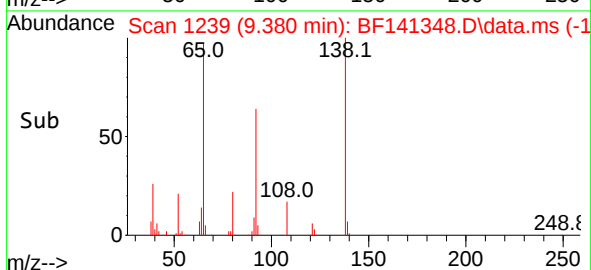
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#48
2-Nitroaniline
Concen: 36.096 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion: 65 Resp: 218096
Ion Ratio Lower Upper
65 100
92 65.2 53.3 79.9
138 100.9 83.6 125.4





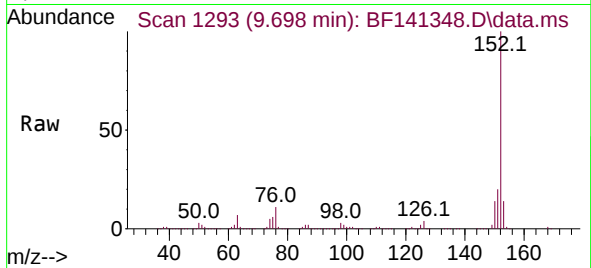
#49
Acenaphthylene
Concen: 40.000 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

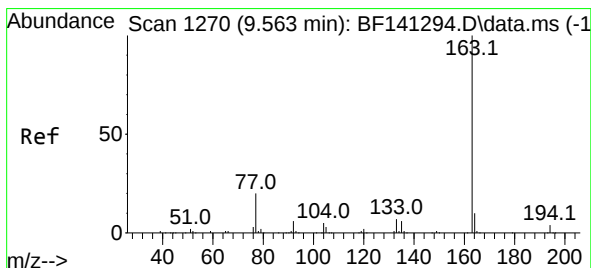
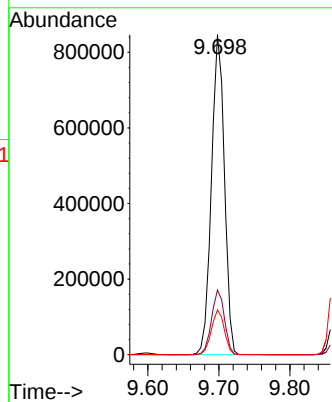
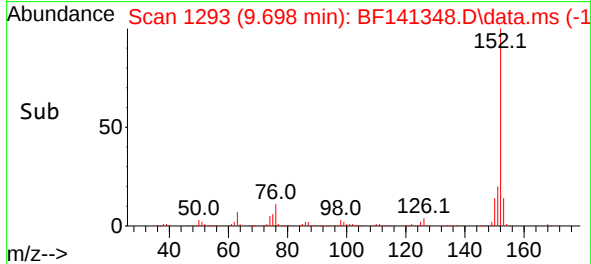


Tgt Ion:152 Resp: 1075589
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.0 11.0 16.6

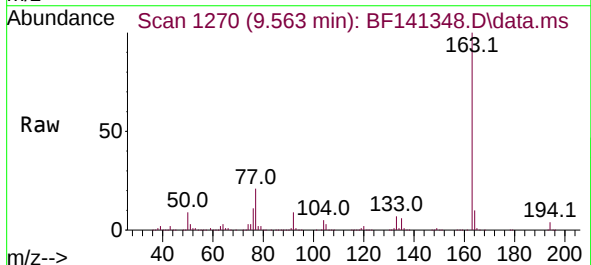
Manual Integrations

APPROVED

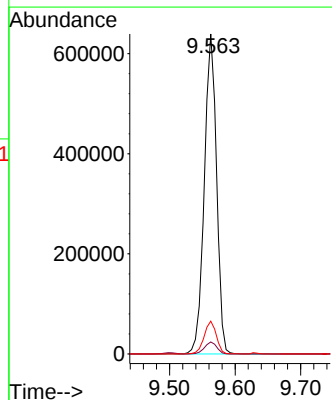
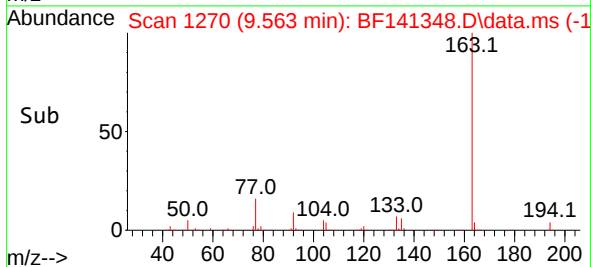
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#50
Dimethylphthalate
Concen: 38.992 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion:163 Resp: 832211
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 36.554 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

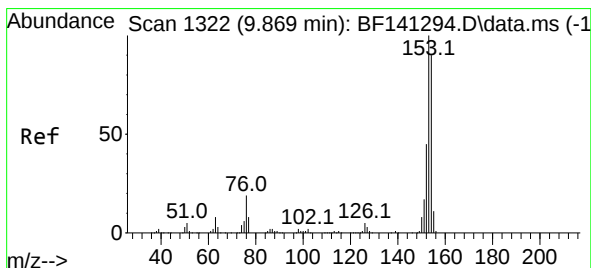
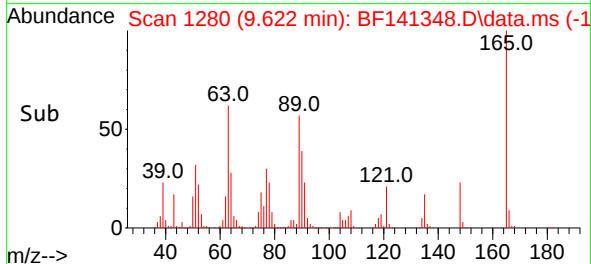
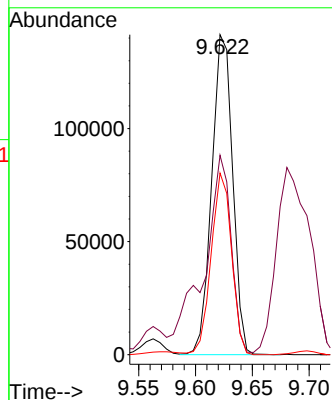
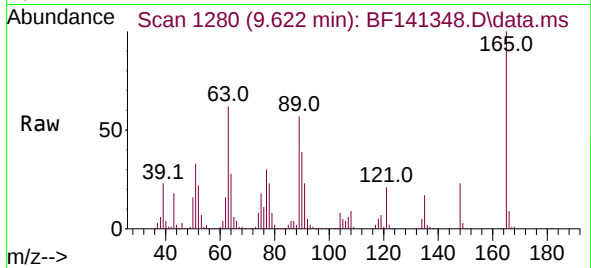
VNJ-236MSD

Tgt Ion:165 Resp: 18114
Ion Ratio Lower Upper
165 100
63 62.3 48.1 72.1
89 56.8 44.9 67.3

Manual Integrations

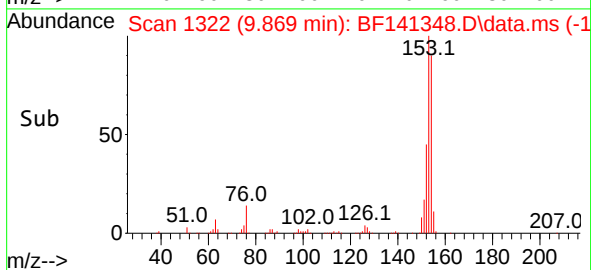
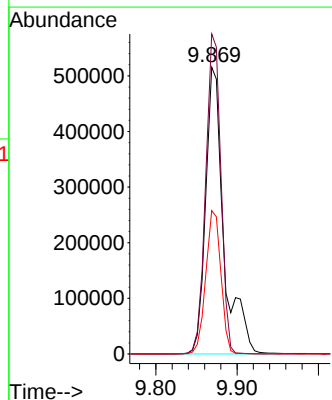
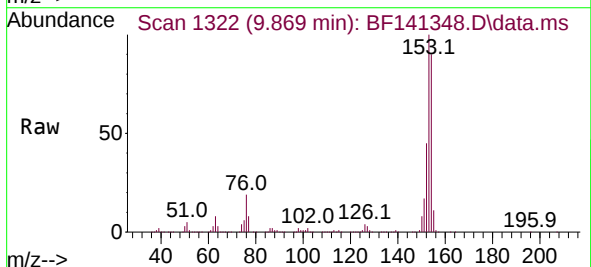
APPROVED

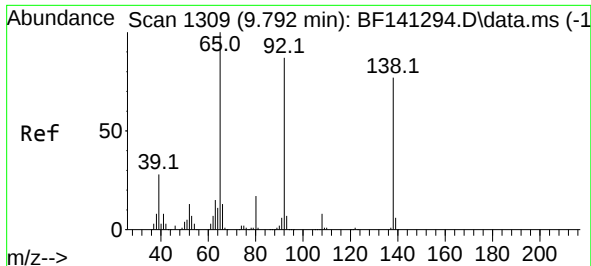
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 41.948 ng m
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Tgt Ion:154 Resp: 805823
Ion Ratio Lower Upper
154 100
153 111.6 89.0 133.4
152 50.0 40.2 60.4





#53
3-Nitroaniline
Concen: 5.762 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

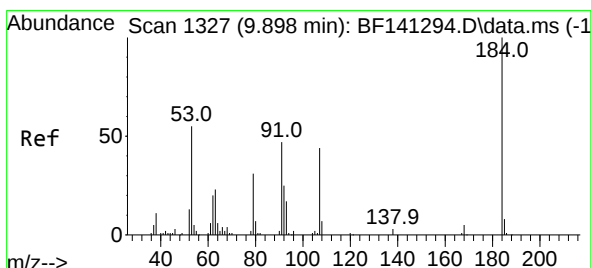
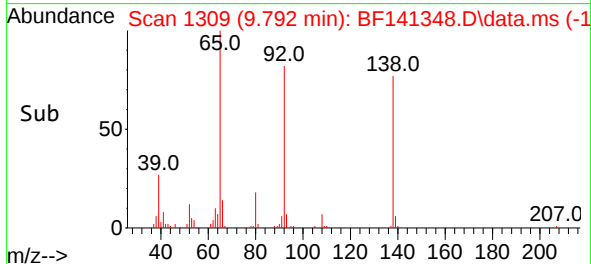
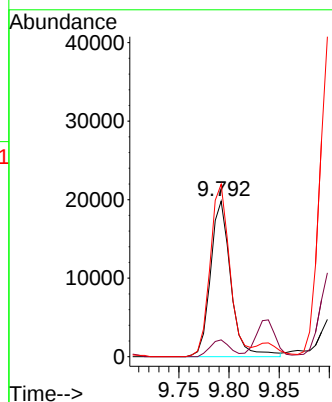
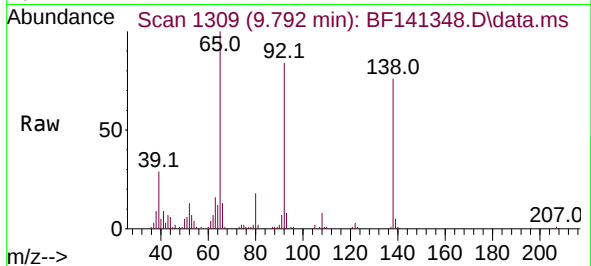
VNJ-236MSD

Tgt Ion:138 Resp: 27980
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 110.9 91.0 136.6

Manual Integrations

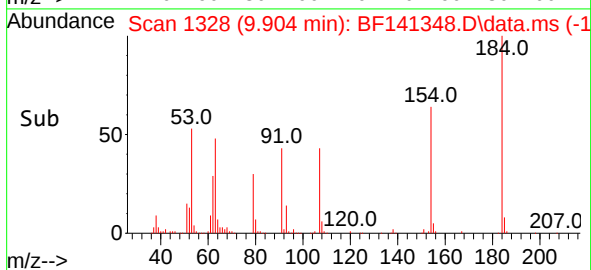
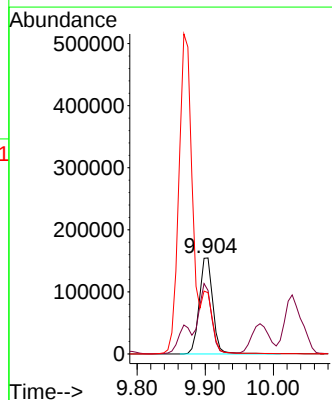
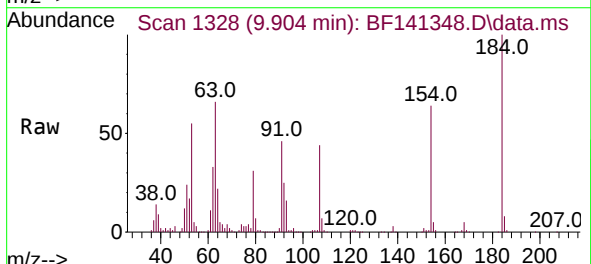
APPROVED

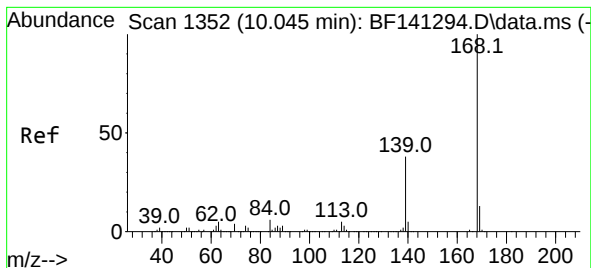
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 93.262 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

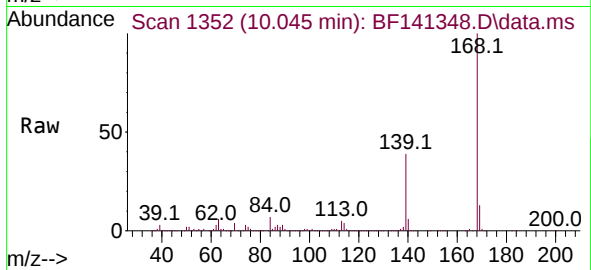
Tgt Ion:184 Resp: 214844
Ion Ratio Lower Upper
184 100
63 66.1 54.1 81.1
154 63.7 50.7 76.1





#55
Dibenzenofuran
Concen: 37.396 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

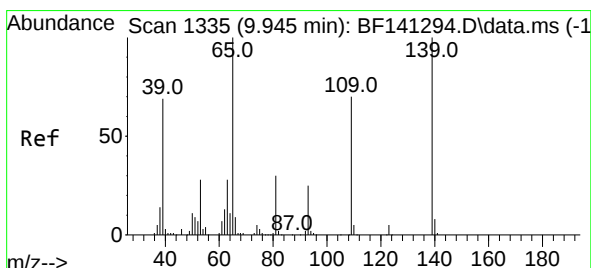
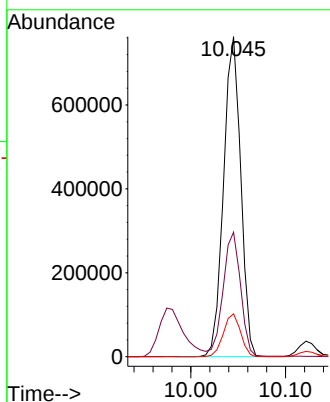
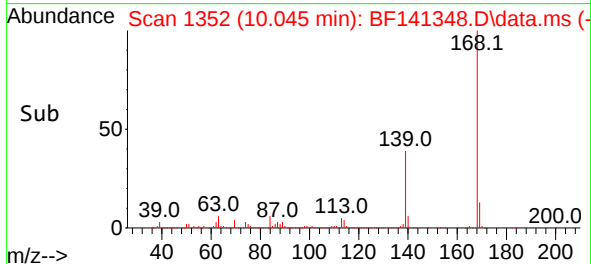
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



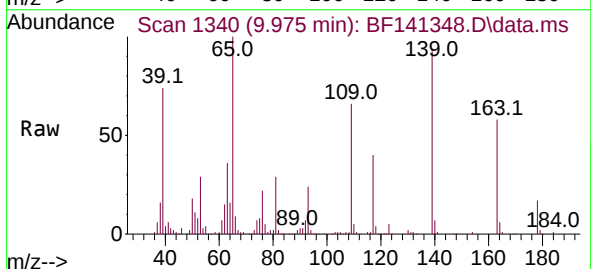
Tgt Ion:168 Resp: 961594
Ion Ratio Lower Upper
168 100
139 38.9 30.6 46.0
169 13.4 10.8 16.2

Manual Integrations
APPROVED

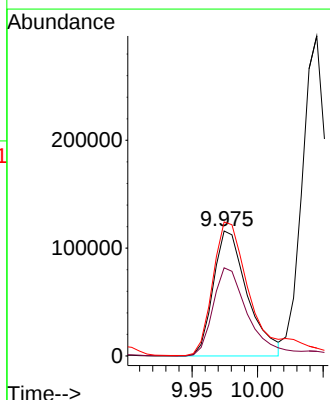
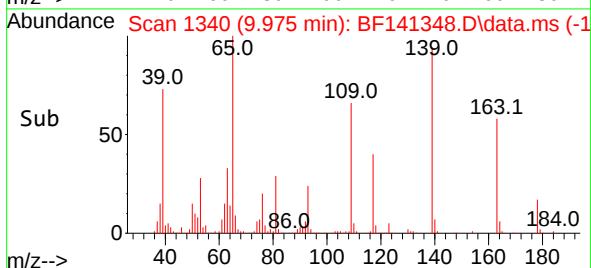
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

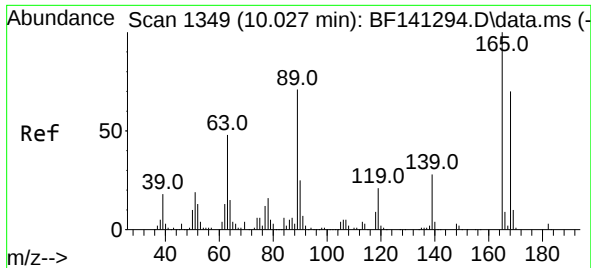


#56
4-Nitrophenol
Concen: 59.137 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion:139 Resp: 210065
Ion Ratio Lower Upper
139 100
109 70.5 50.2 90.2
65 107.2 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 36.772 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

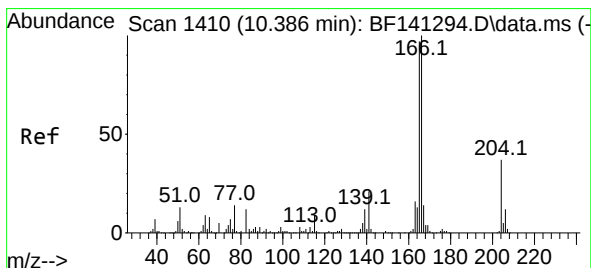
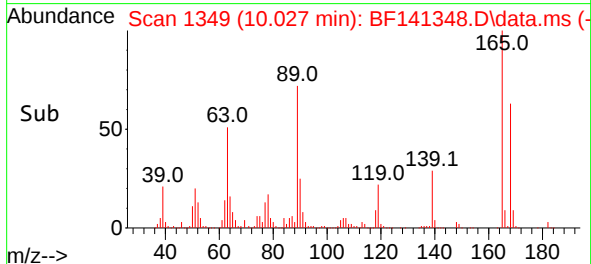
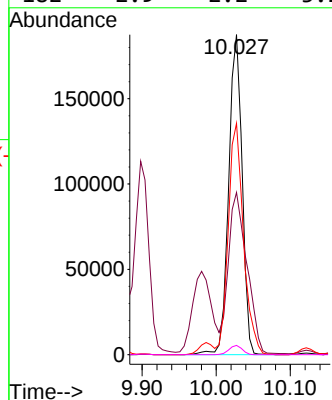
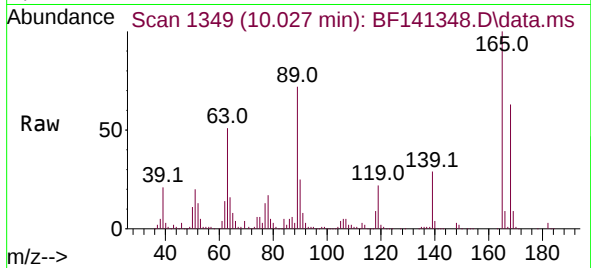
VNJ-236MSD

Tgt Ion:165 Resp: 23593
Ion Ratio Lower Upper
165 100
63 50.7 39.2 58.8
89 72.3 56.9 85.3
182 2.9 2.2 3.2

Manual Integrations

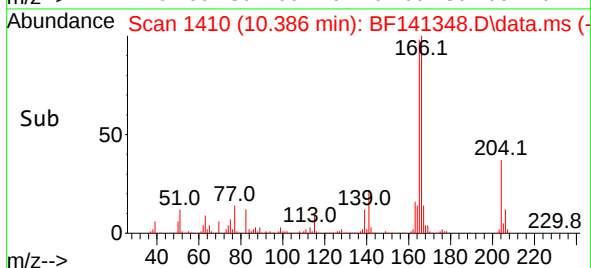
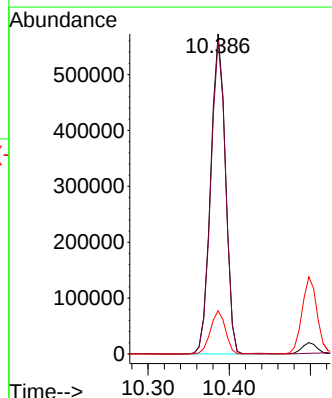
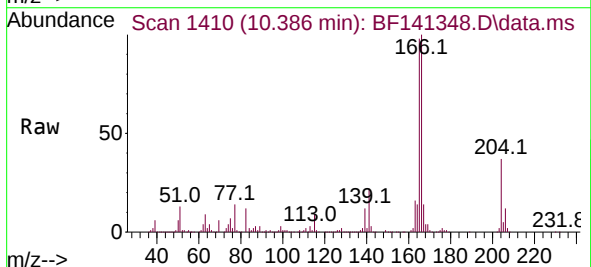
APPROVED

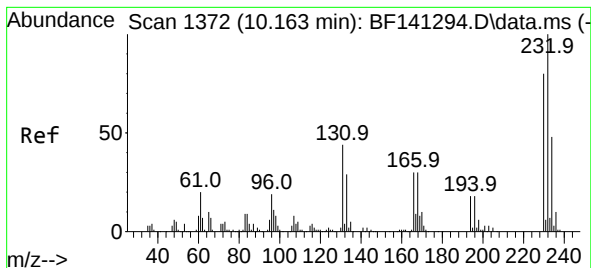
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#58
Fluorene
Concen: 36.239 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

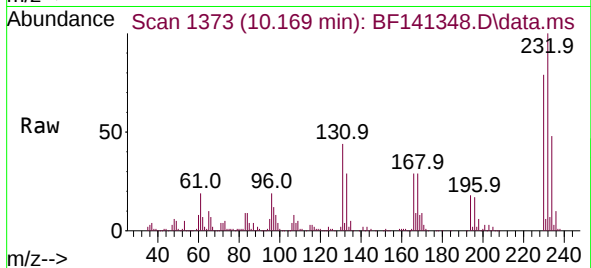
Tgt Ion:166 Resp: 722818
Ion Ratio Lower Upper
166 100
165 97.8 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.730 ng
RT: 10.169 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

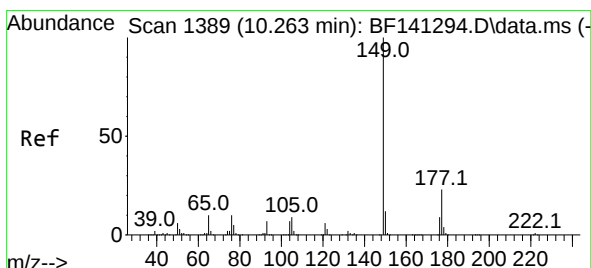
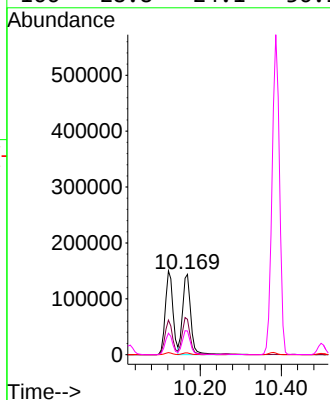
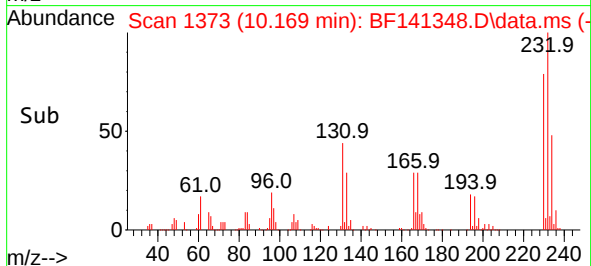
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



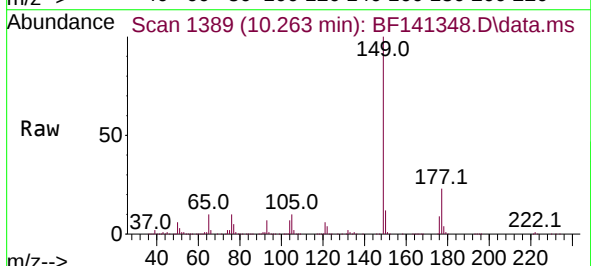
Tgt Ion:232 Resp: 200181
Ion Ratio Lower Upper
232 100
131 45.0 36.4 54.6
130 2.3 1.9 2.9
166 28.8 24.1 36.1

Manual Integrations
APPROVED

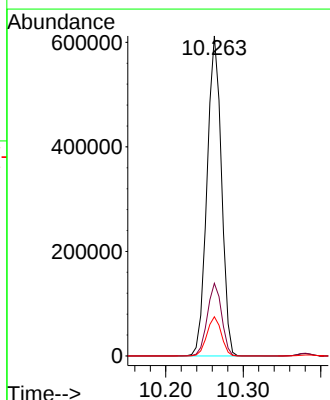
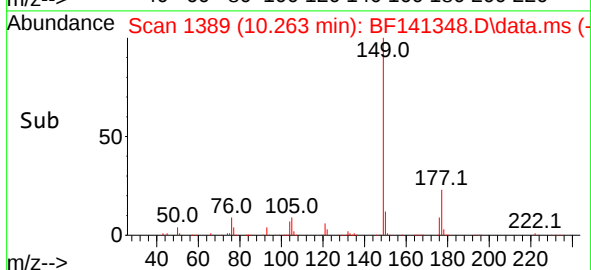
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

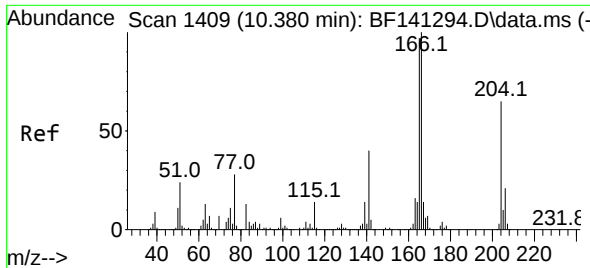


#60
Diethylphthalate
Concen: 38.137 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



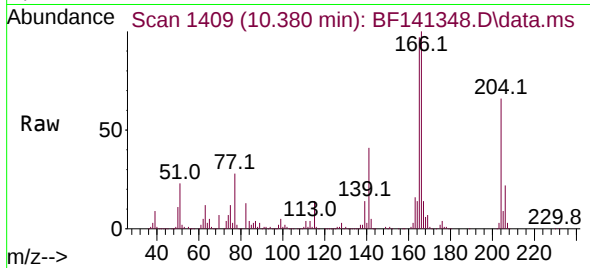
Tgt Ion:149 Resp: 789240
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 36.398 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

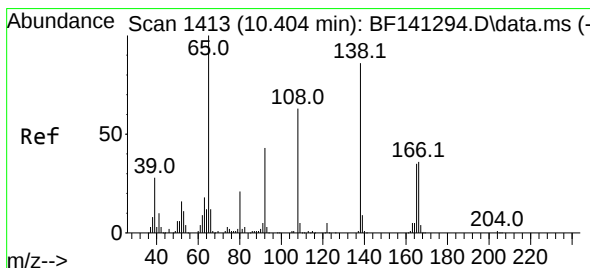
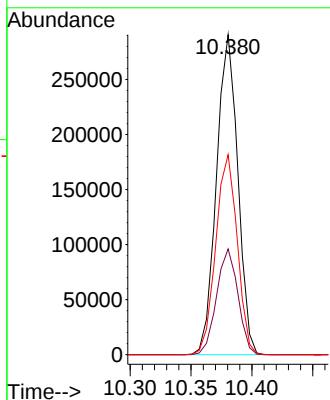
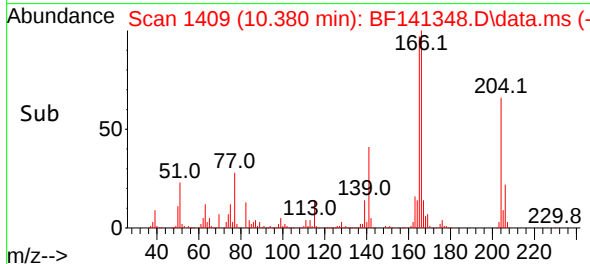
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



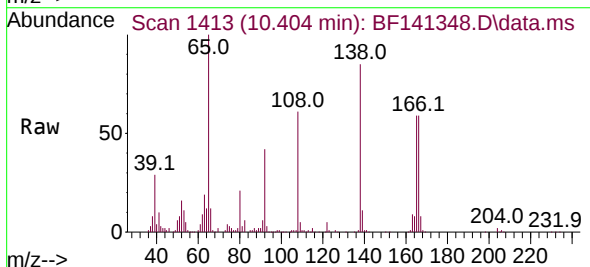
Tgt Ion:204 Resp: 35462
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 62.5 49.5 74.3

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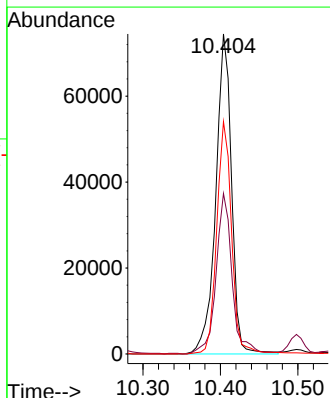
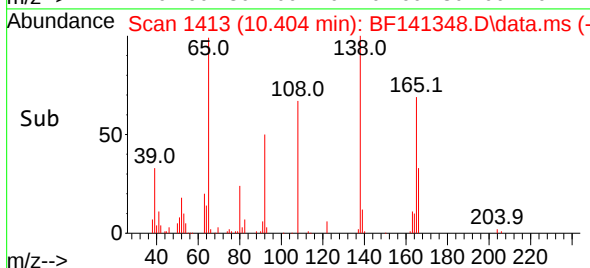
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

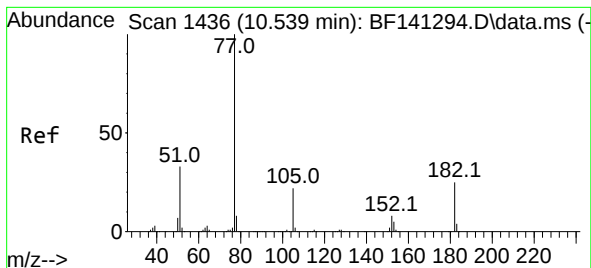


#62
4-Nitroaniline
Concen: 22.078 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion:138 Resp: 105426
Ion Ratio Lower Upper
138 100
92 50.2 30.1 70.1
108 72.6 53.1 93.1





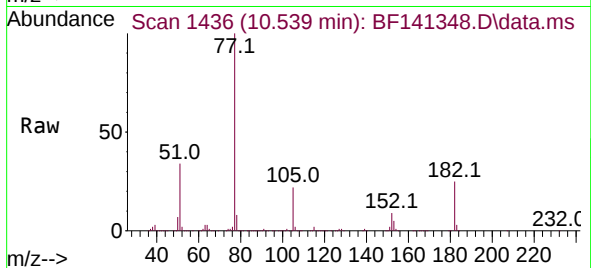
#63
Azobenzene
Concen: 36.883 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

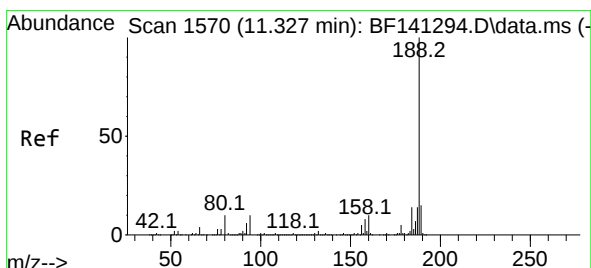
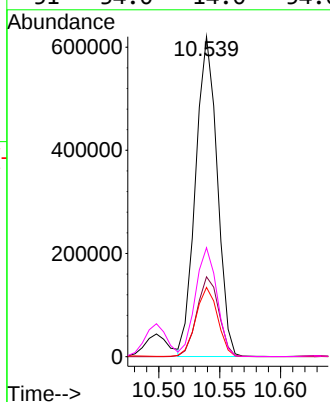
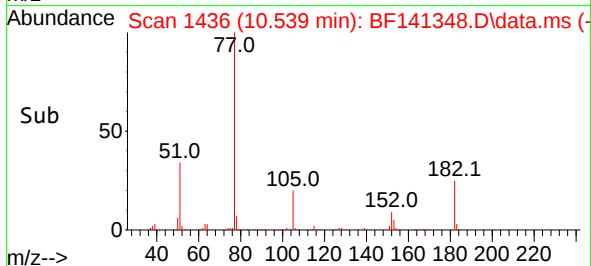


Tgt Ion: 77 Resp: 764030
Ion Ratio Lower Upper
77 100
182 24.9 5.1 45.1
105 21.6 1.8 41.8
51 34.0 14.0 54.0

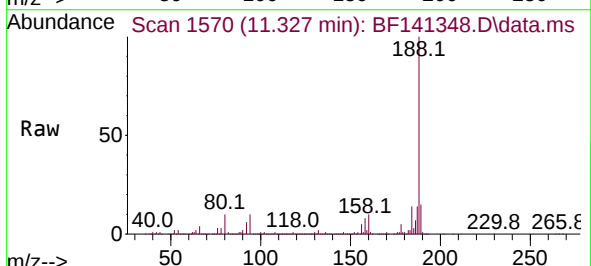
Manual Integrations

APPROVED

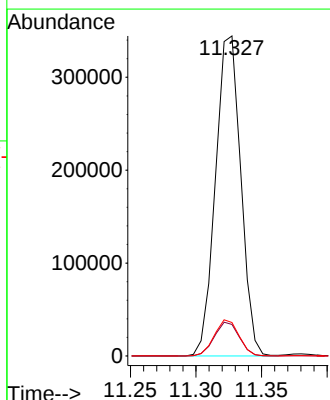
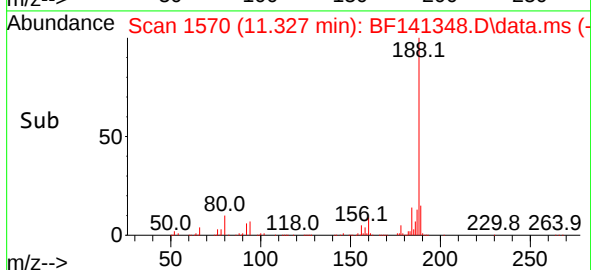
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

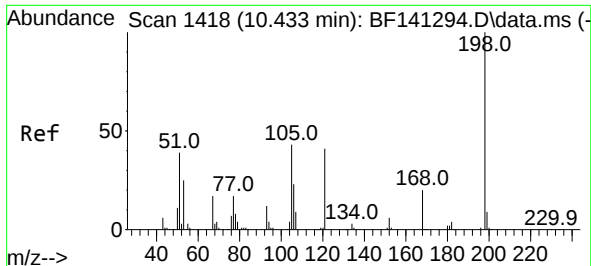


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion:188 Resp: 461856
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.4 8.2 12.4





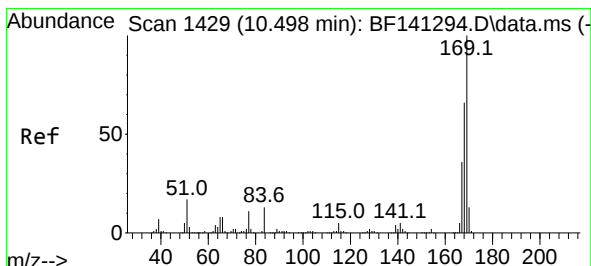
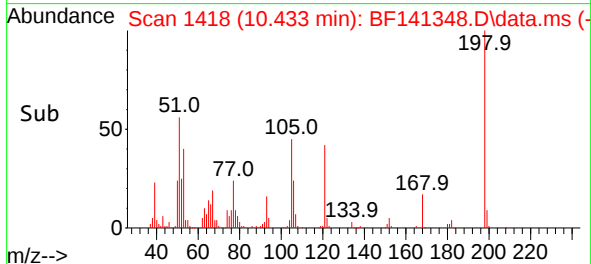
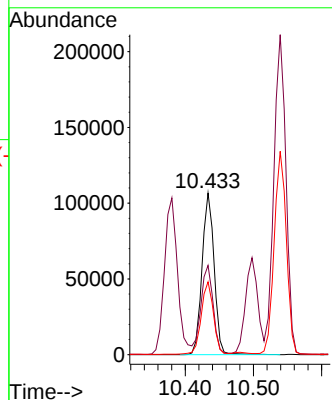
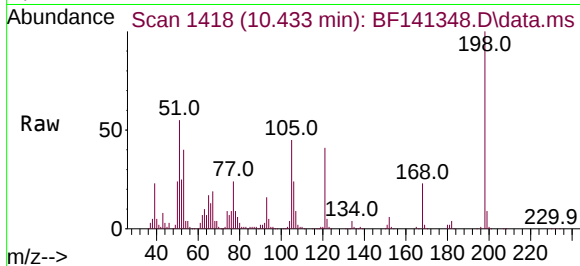
#65
4,6-Dinitro-2-methylphenol
Concen: 48.019 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD

Tgt Ion:198 Resp: 13118
Ion Ratio Lower Upper
198 100
51 55.3 33.4 73.4
105 45.1 24.4 64.4

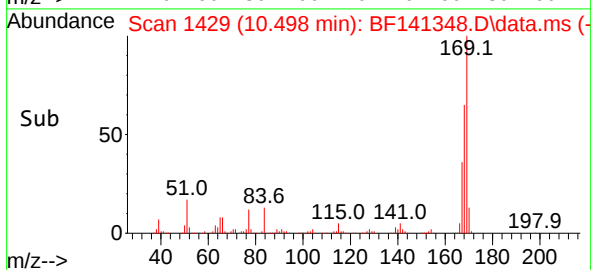
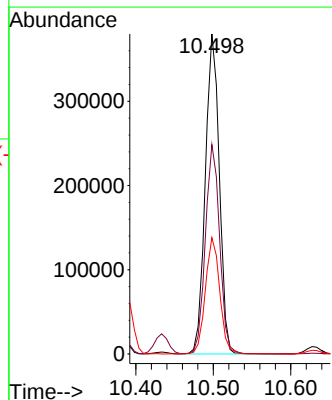
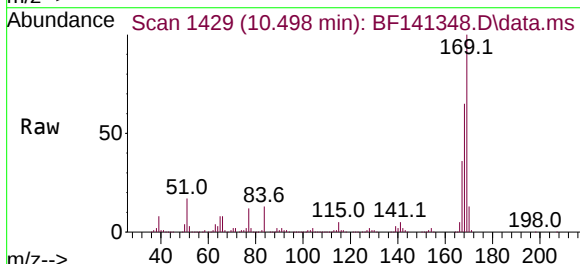
Manual Integrations
APPROVED

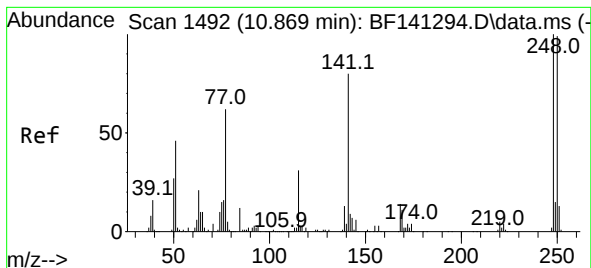
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 31.854 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

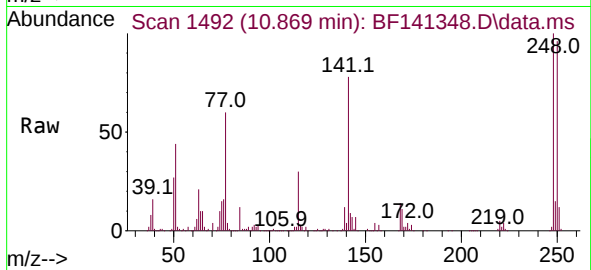
Tgt Ion:169 Resp: 475837
Ion Ratio Lower Upper
169 100
168 65.5 53.0 79.4
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 42.585 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

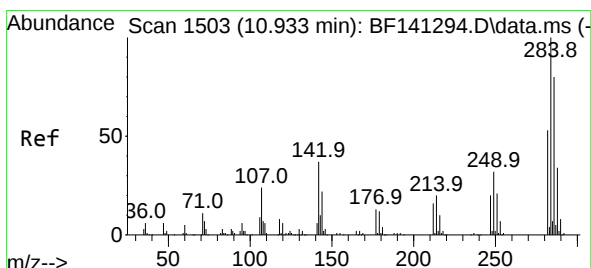
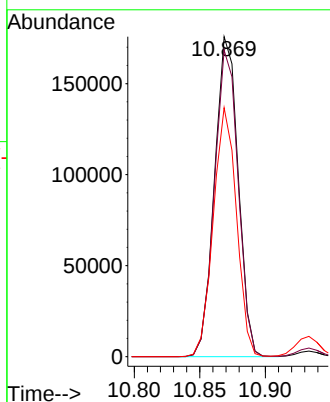
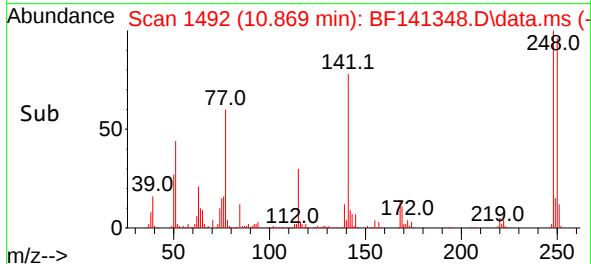
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



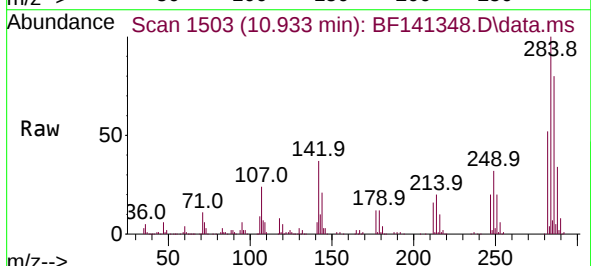
Tgt Ion:248 Resp: 220189
Ion Ratio Lower Upper
248 100
250 95.8 79.0 118.4
141 77.8 63.7 95.5

Manual Integrations
APPROVED

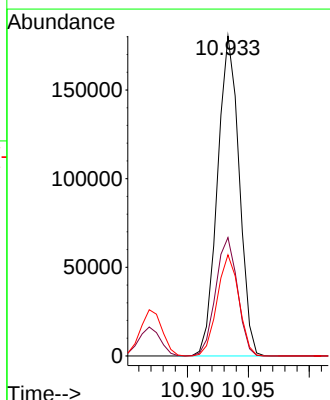
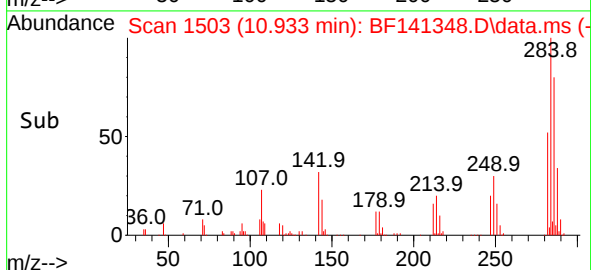
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

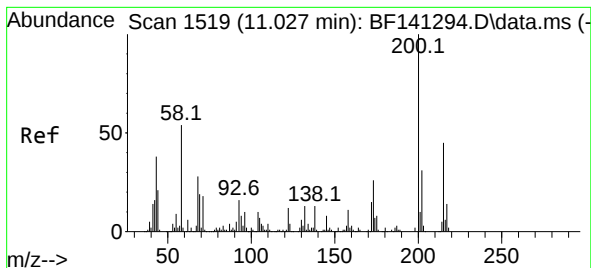


#68
Hexachlorobenzene
Concen: 40.786 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion:284 Resp: 223703
Ion Ratio Lower Upper
284 100
142 37.0 29.5 44.3
249 31.6 25.4 38.2





#69

Atrazine

Concen: 27.536 ng

RT: 11.027 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

Tgt Ion:200 Resp: 137528

Ion Ratio Lower Upper

200 100

173 25.8 5.9 45.9

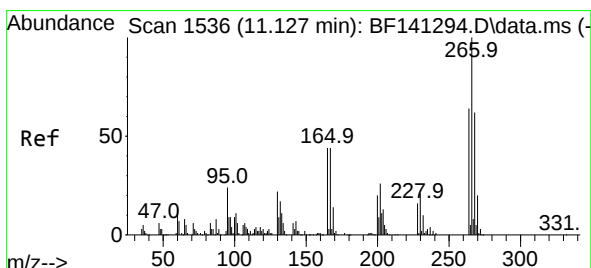
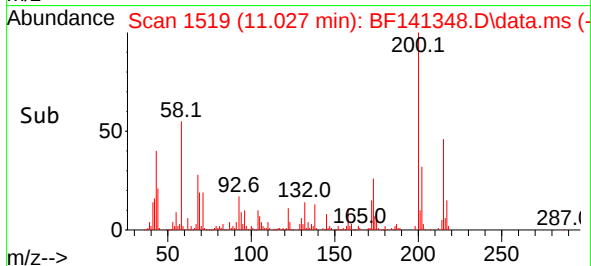
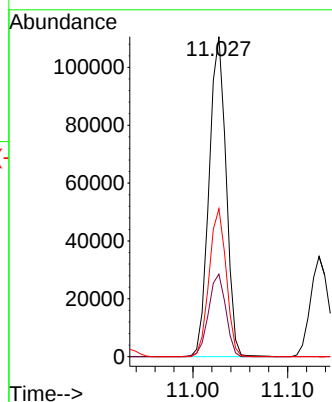
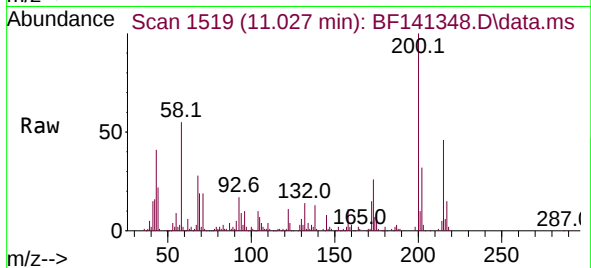
215 46.2 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#70

Pentachlorophenol

Concen: 77.349 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

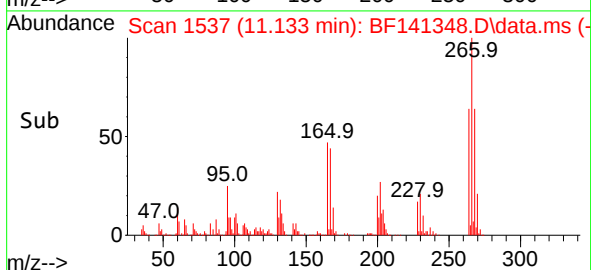
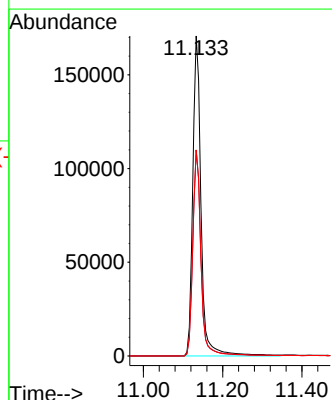
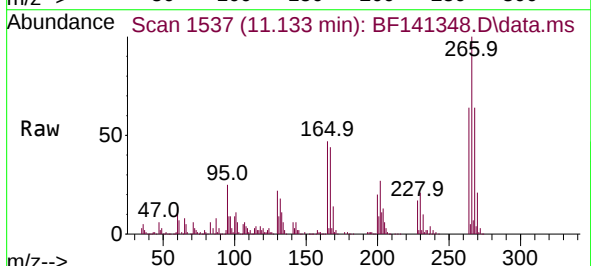
Tgt Ion:266 Resp: 248426

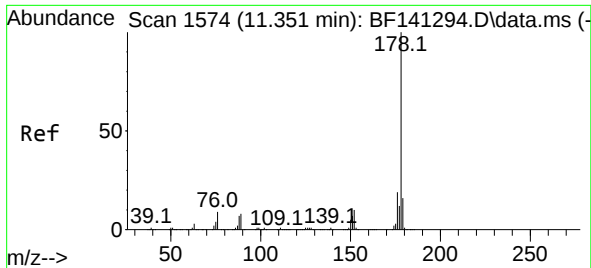
Ion Ratio Lower Upper

266 100

268 64.3 49.9 74.9

264 64.4 51.0 76.4





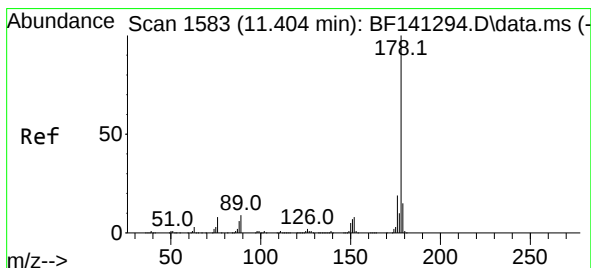
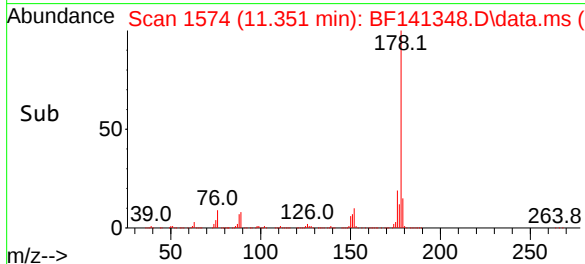
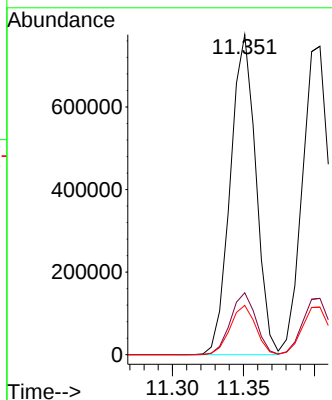
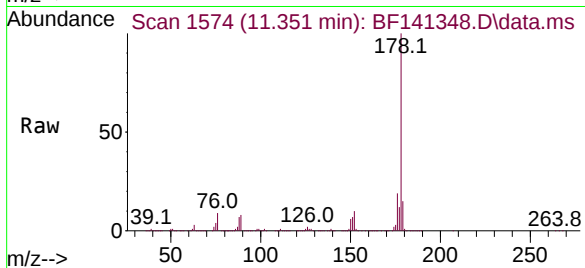
#71
Phenanthrene
Concen: 39.003 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD

Tgt Ion:178 Resp: 968305
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.5 18.7

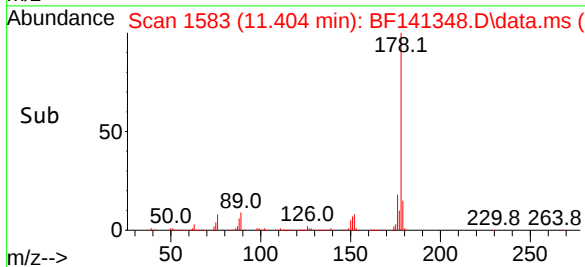
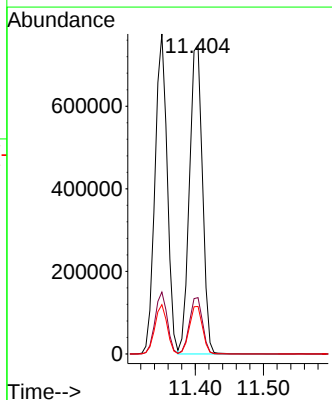
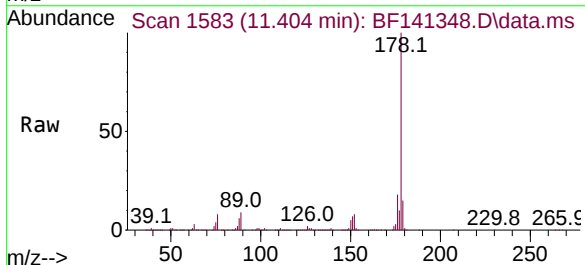
Manual Integrations
APPROVED

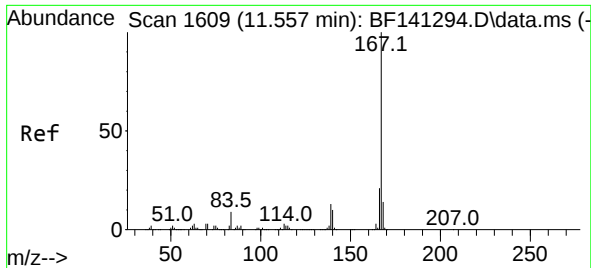
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 40.515 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

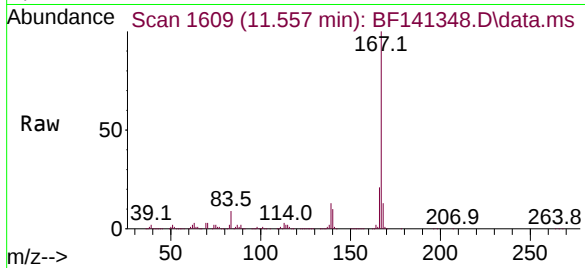
Tgt Ion:178 Resp: 985565
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 29.580 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141348.D
 Acq: 31 Jan 2025 22:43

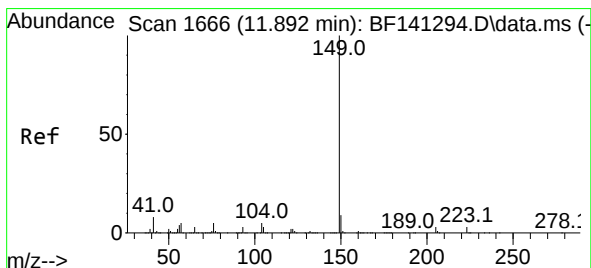
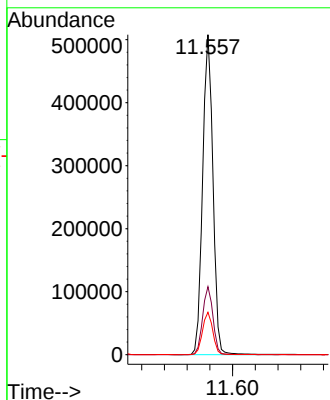
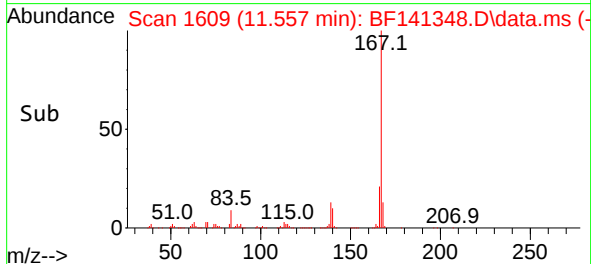
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236MSD



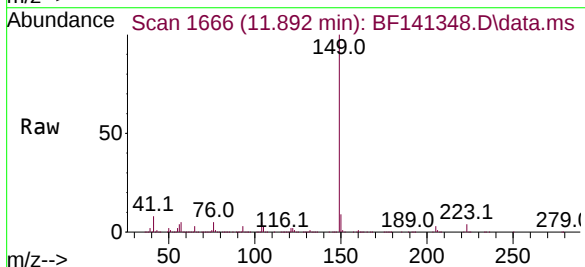
Tgt Ion:167 Resp: 638050
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.3 10.6 16.0

Manual Integrations
 APPROVED

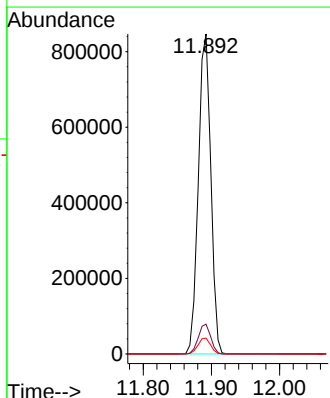
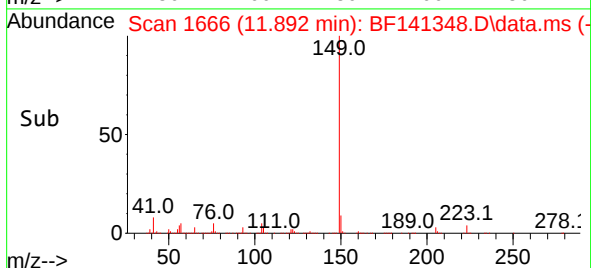
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

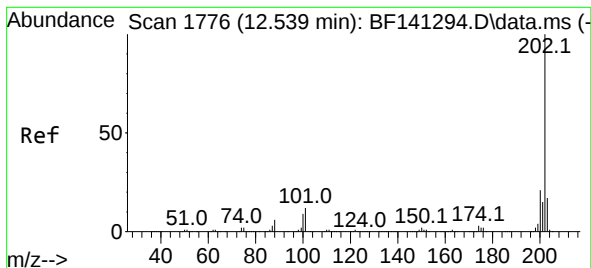


#74
 Di-n-butylphthalate
 Concen: 40.967 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141348.D
 Acq: 31 Jan 2025 22:43



Tgt Ion:149 Resp: 1070897
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 33.615 ng

RT: 12.539 min Scan# 1776

Delta R.T. -0.000 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

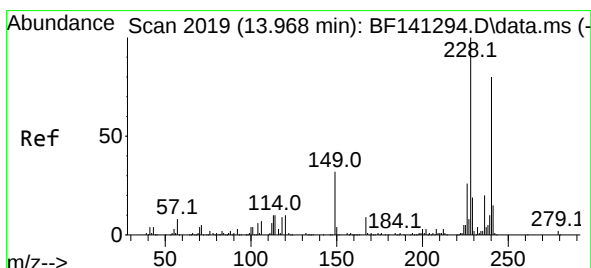
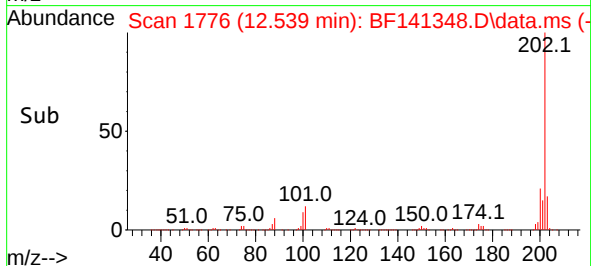
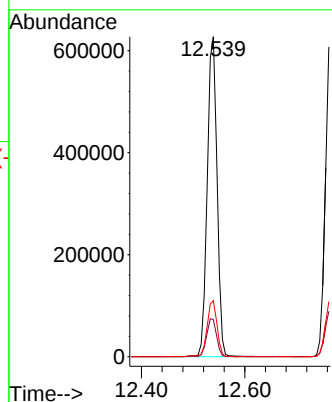
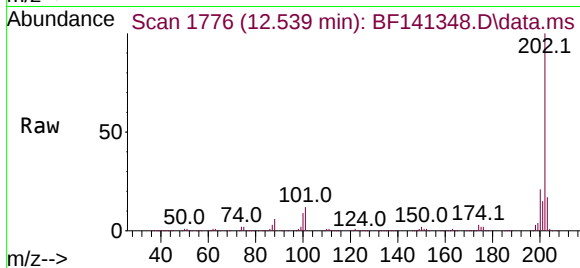
VNJ-236MSD

Tgt Ion:	202	Resp:	82403
Ion Ratio	Lower	Upper	
202	100		
101	11.7	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

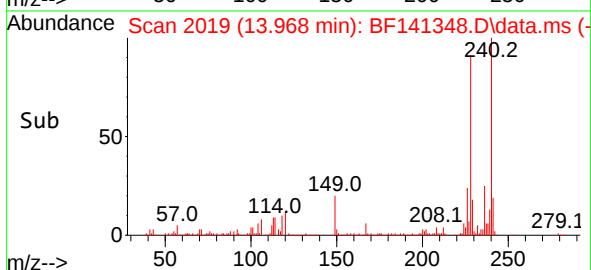
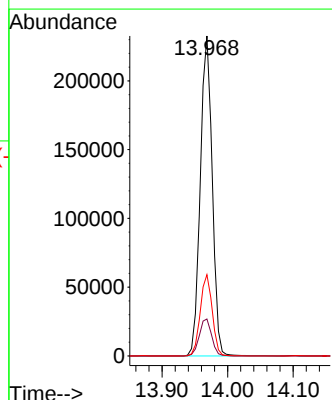
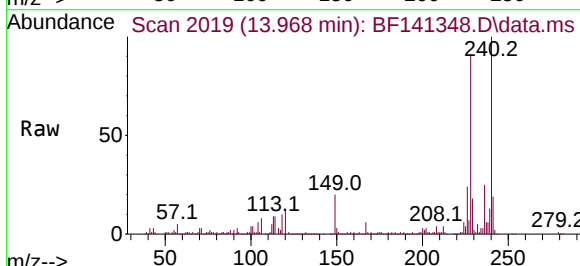
RT: 13.968 min Scan# 2019

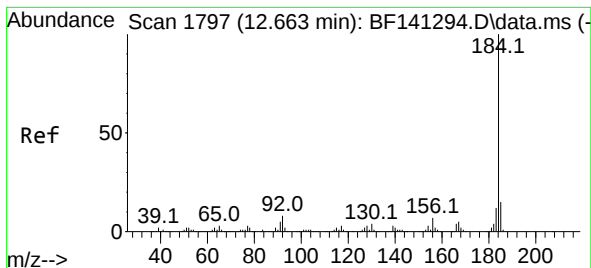
Delta R.T. -0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Tgt Ion:	240	Resp:	294849
Ion Ratio	Lower	Upper	
240	100		
120	11.6	10.0	15.0
236	25.4	19.7	29.5





#77

Benzidine

Concen: 4.998 ng

RT: 12.674 min Scan# 1799

Delta R.T. 0.012 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

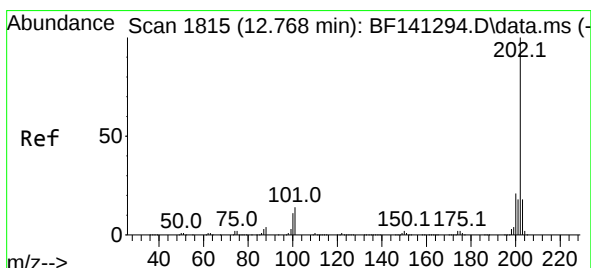
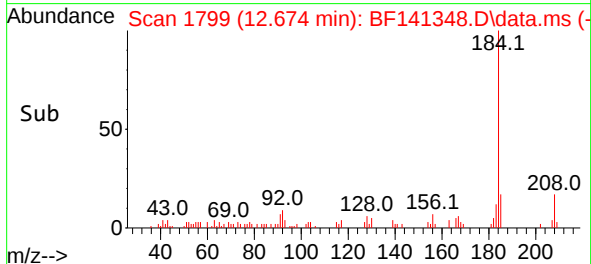
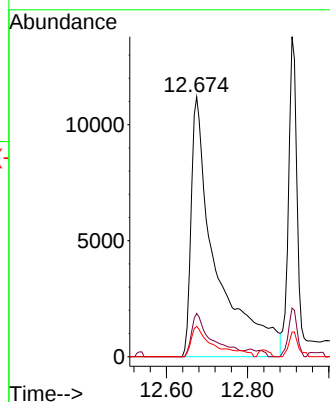
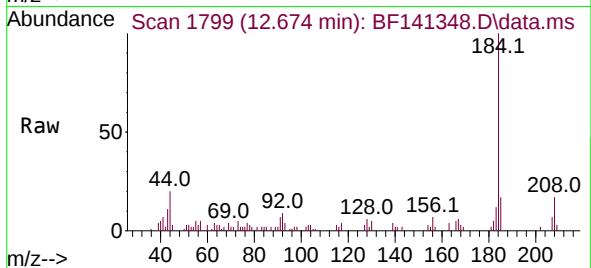
Tgt Ion:184 Resp: 4724

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.9	17.9
183	11.7	9.5	14.3

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 29.323 ng

RT: 12.768 min Scan# 1815

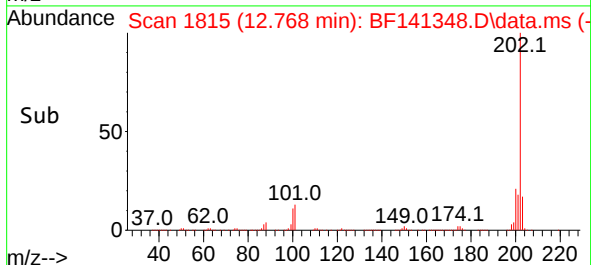
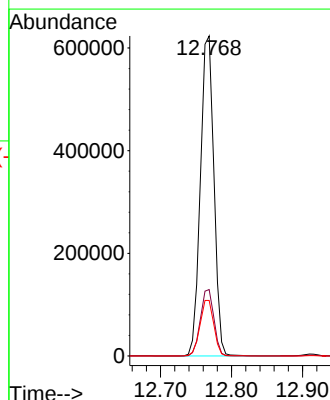
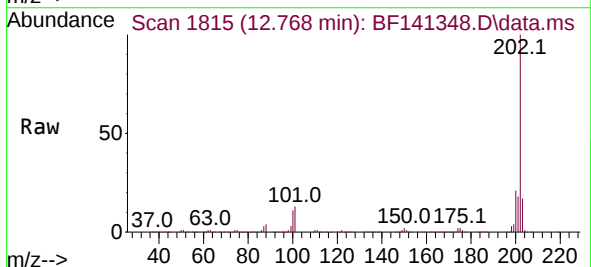
Delta R.T. -0.000 min

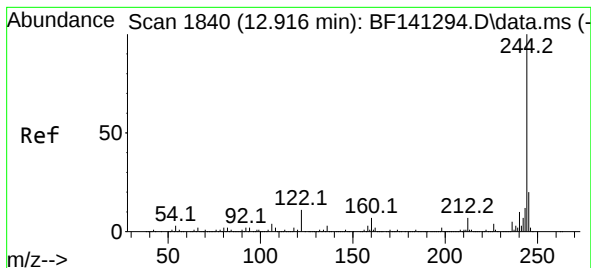
Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Tgt Ion:202 Resp: 829915

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.4	14.3	21.5





#79

Terphenyl-d14

Concen: 69.367 ng

RT: 12.910 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

Tgt Ion:244 Resp: 132621

Ion Ratio Lower Upper

244 100

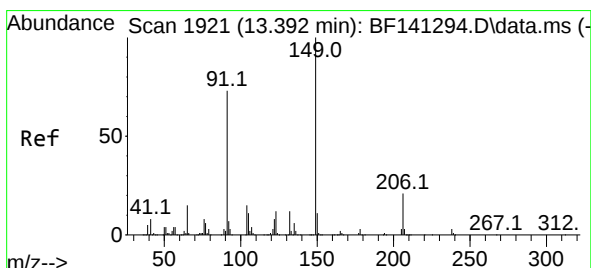
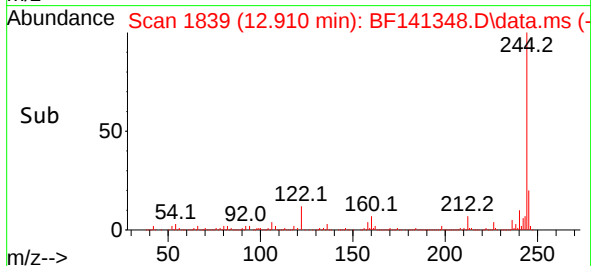
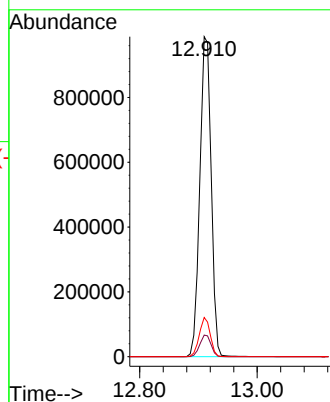
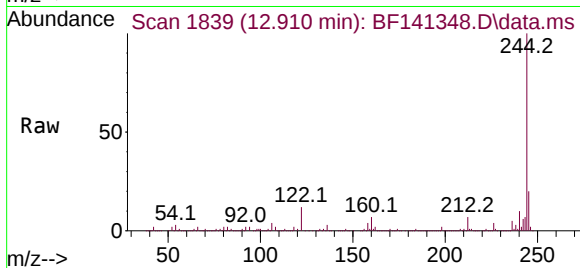
212 6.8 5.4 8.0

122 12.2 8.8 13.2

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 35.128 ng

RT: 13.392 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

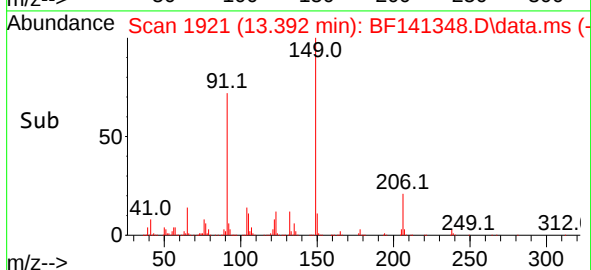
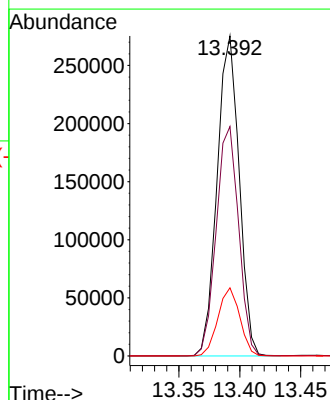
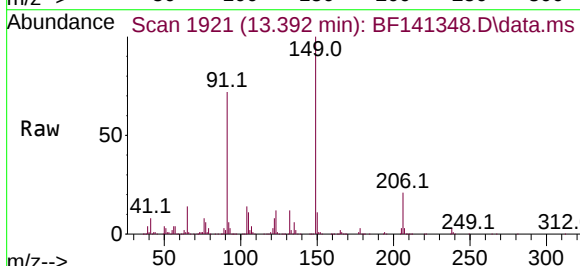
Tgt Ion:149 Resp: 347341

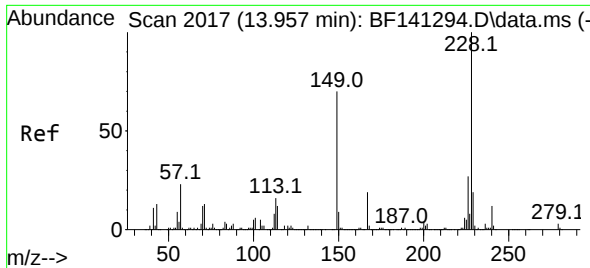
Ion Ratio Lower Upper

149 100

91 71.7 58.6 87.8

206 21.3 16.7 25.1





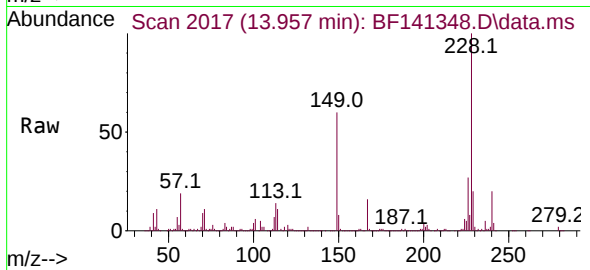
#81
Benzo(a)anthracene
Concen: 34.975 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

VNJ-236MSD

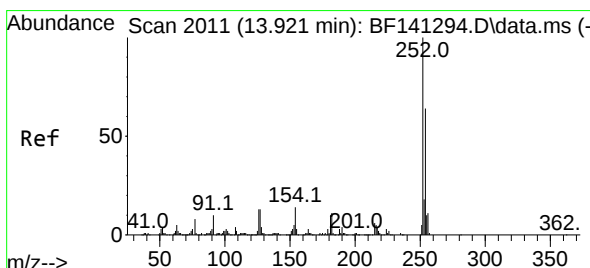
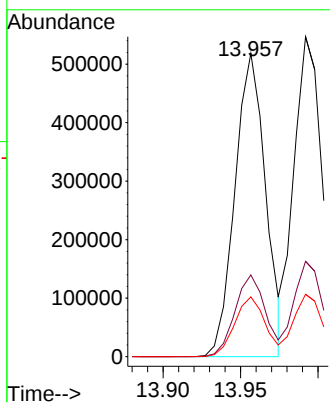
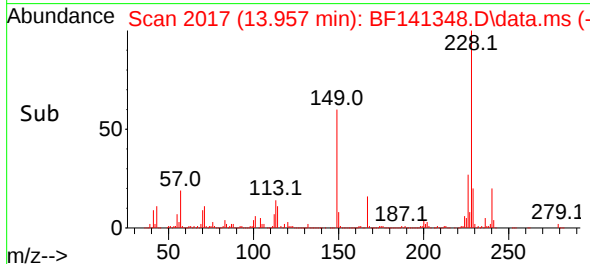


Tgt Ion:228 Resp: 711602
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.7 15.5 23.3

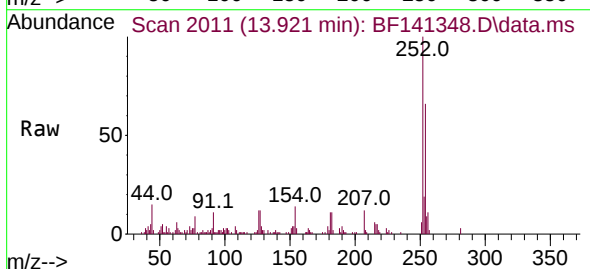
Manual Integrations

APPROVED

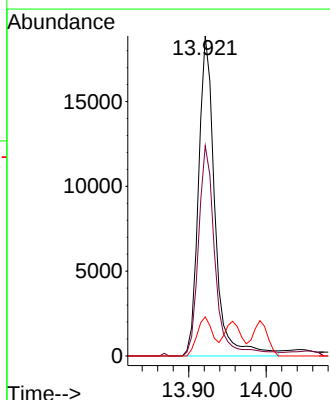
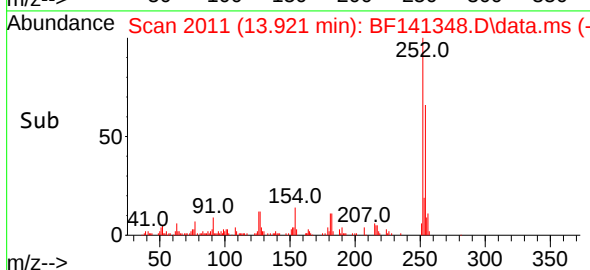
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

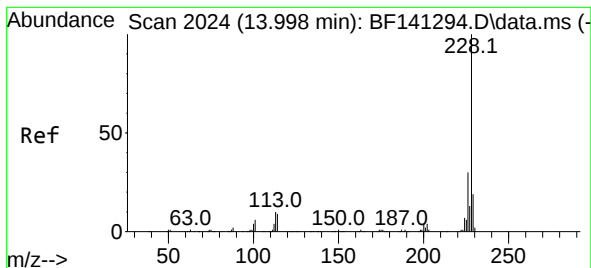


#82
3,3'-Dichlorobenzidine
Concen: 4.291 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion:252 Resp: 27766
Ion Ratio Lower Upper
252 100
254 65.7 51.3 76.9
126 12.2 10.0 15.0





#83

Chrysene

Concen: 37.369 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

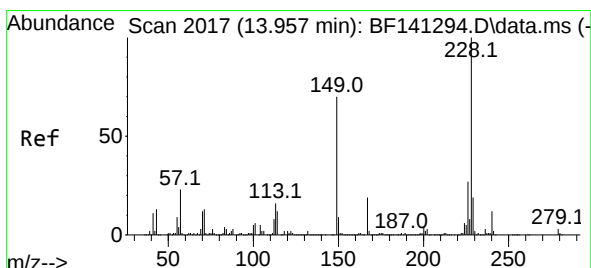
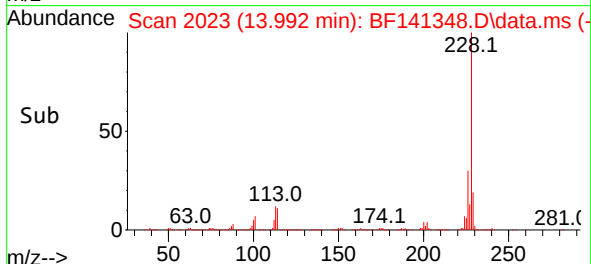
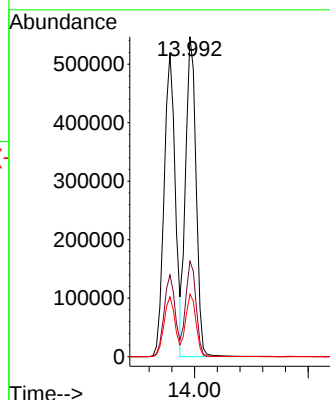
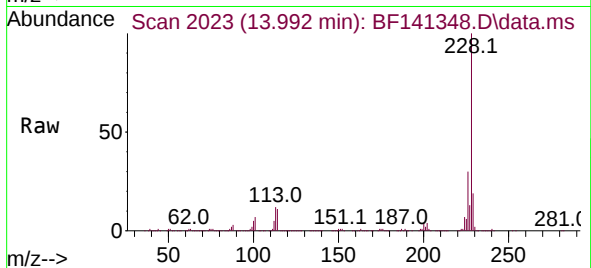
VNJ-236MSD

Tgt Ion:	228	Resp:	69680
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.1	36.1
229	19.5	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: 36.774 ng

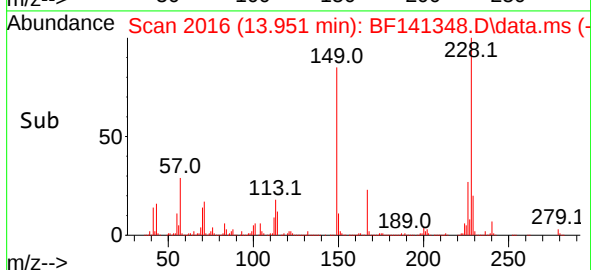
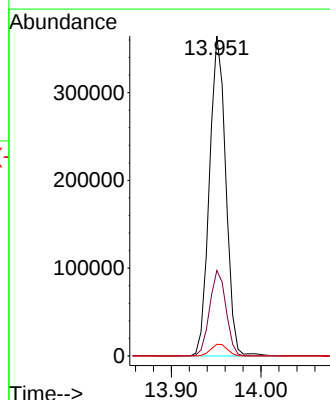
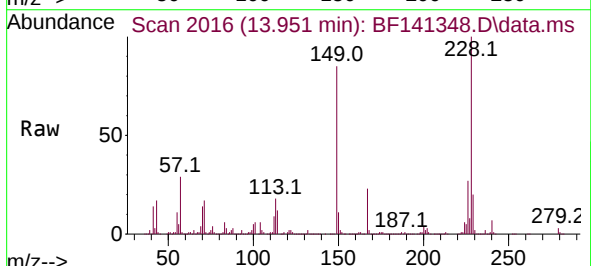
RT: 13.951 min Scan# 2016

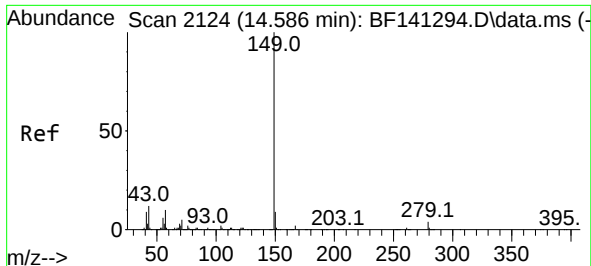
Delta R.T. -0.006 min

Lab File: BF141348.D

Acq: 31 Jan 2025 22:43

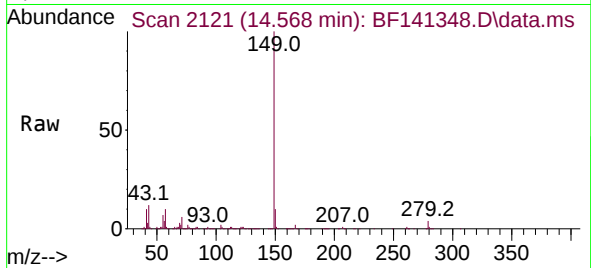
Tgt Ion:	149	Resp:	461252
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.8	32.8
279	3.7	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 42.245 ng
RT: 14.568 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

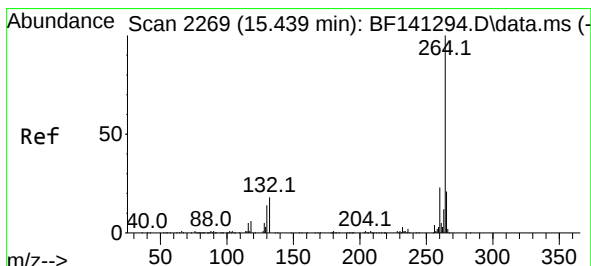
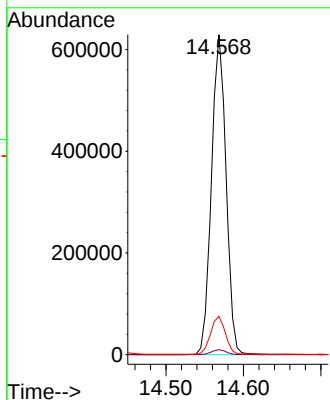
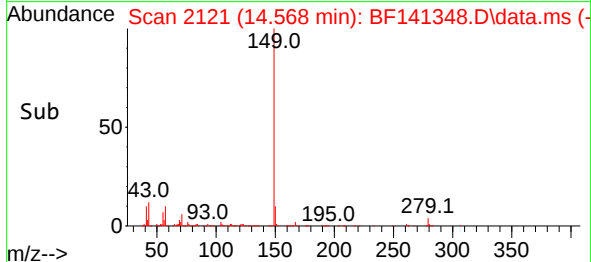
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



Tgt Ion:149 Resp: 823015
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.0 9.8 14.8

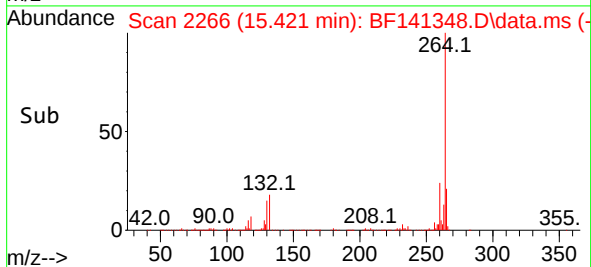
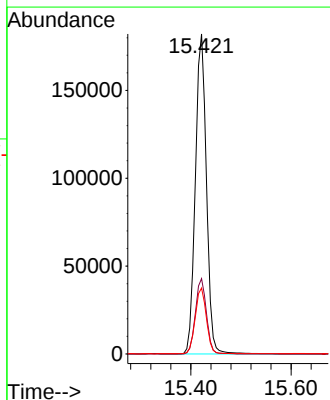
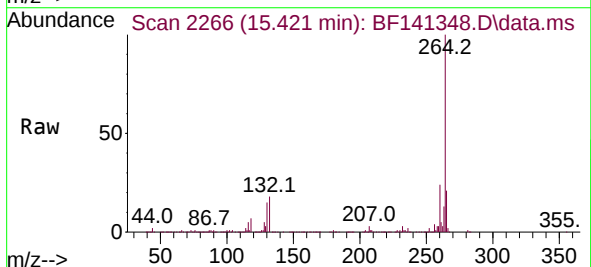
Manual Integrations
APPROVED

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: BF141348.D
Acq: 31 Jan 2025 22:43

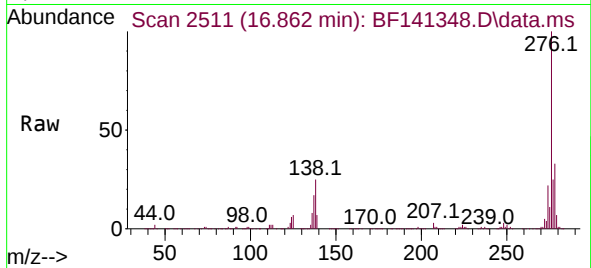
Tgt Ion:264 Resp: 278615
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 20.6 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 29.306 ng
RT: 16.862 min Scan# 2194
Delta R.T. -0.035 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

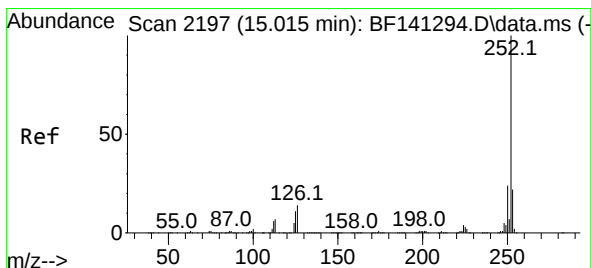
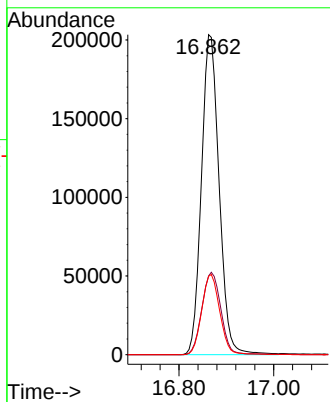
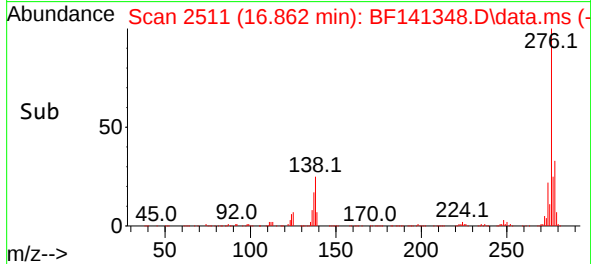
Instrument :
BNA_F
ClientSampleId :
VNJ-236MSD



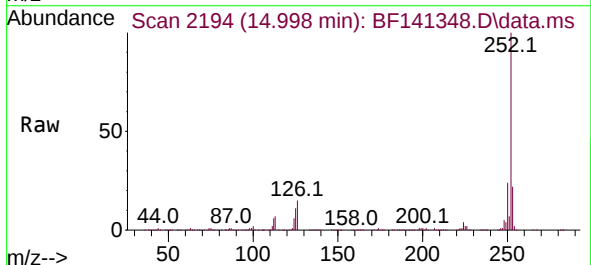
Tgt Ion:276 Resp: 526992
Ion Ratio Lower Upper
276 100
138 27.8 21.7 32.5
277 25.6 20.3 30.5

Manual Integrations
APPROVED

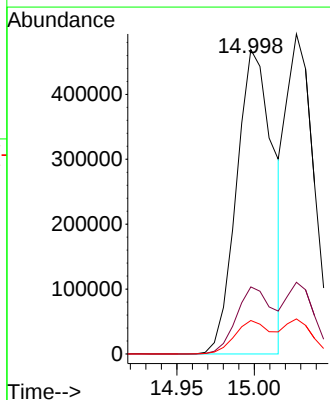
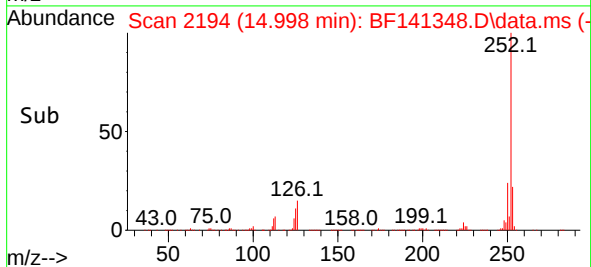
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

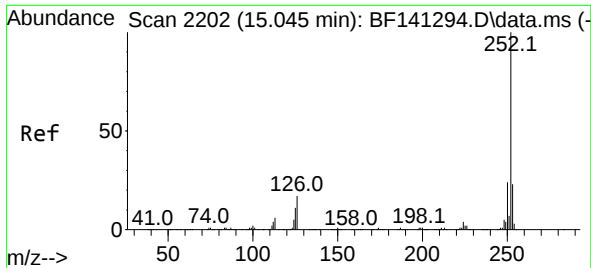


#88
Benzo(b)fluoranthene
Concen: 43.982 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.024 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43



Tgt Ion:252 Resp: 770818
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.0 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 39.888 ng
RT: 15.027 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

ClientSampleId :

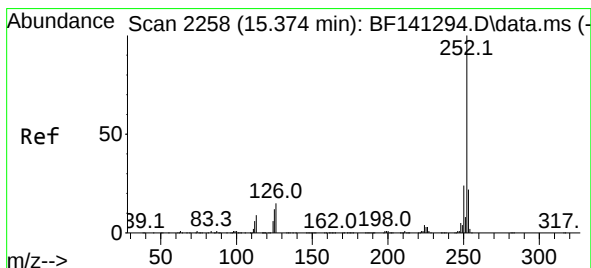
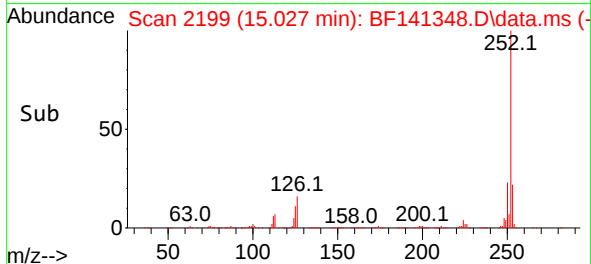
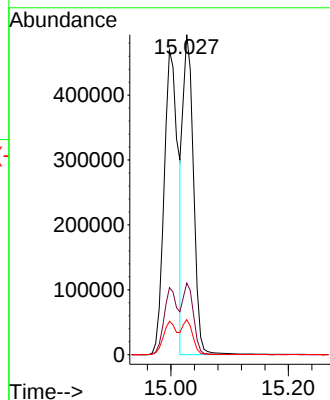
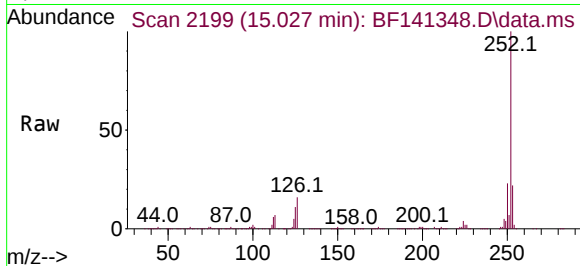
VNJ-236MSD

Tgt Ion:252 Resp: 619290
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.0 8.4 12.6

Manual Integrations

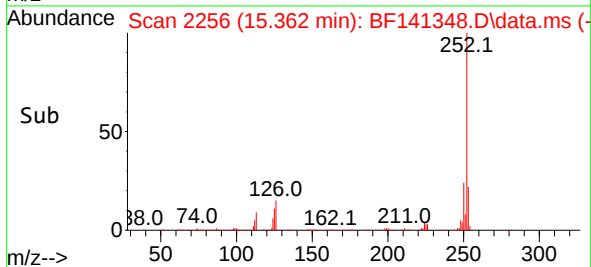
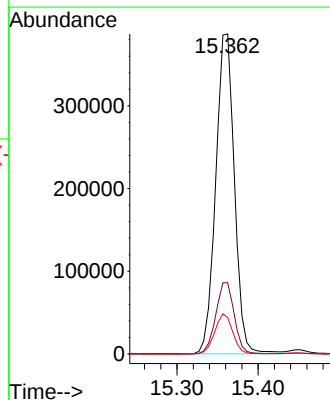
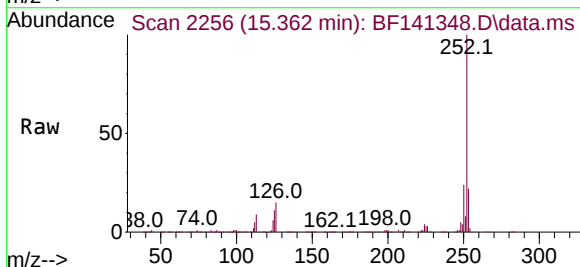
APPROVED

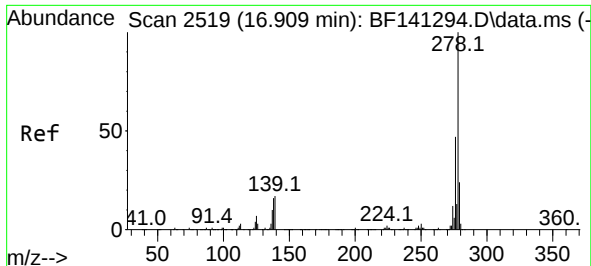
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#90
Benzo(a)pyrene
Concen: 41.795 ng
RT: 15.362 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Tgt Ion:252 Resp: 618980
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 11.4 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 30.159 ng
RT: 16.880 min Scan# 2519
Delta R.T. -0.041 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Instrument :

BNA_F

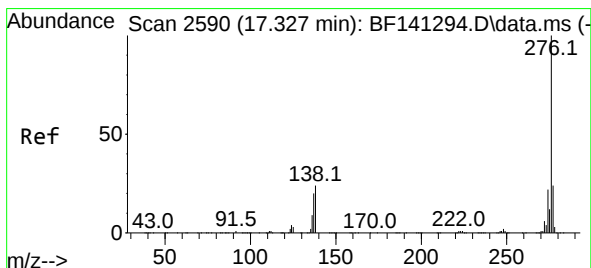
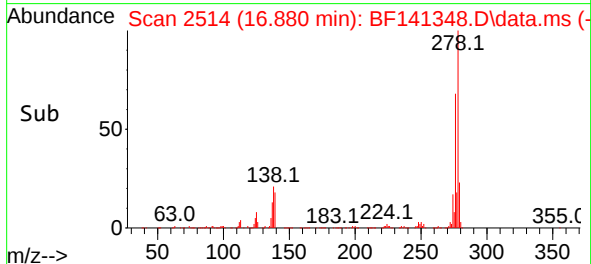
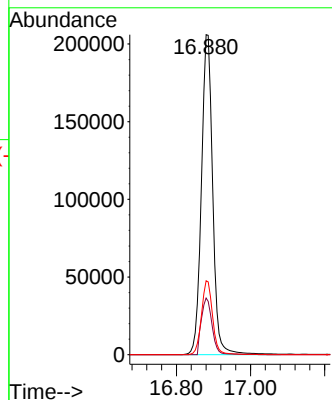
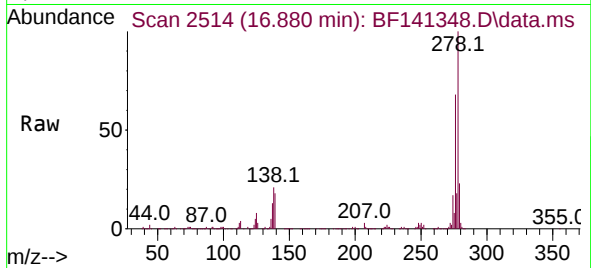
ClientSampleId :

VNJ-236MSD

Tgt Ion:278 Resp: 436328
Ion Ratio Lower Upper
278 100
139 17.7 13.9 20.9
279 23.1 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: 26.479 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.047 min
Lab File: BF141348.D
Acq: 31 Jan 2025 22:43

Tgt Ion:276 Resp: 398331
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 23.8 19.0 28.4

