

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143705.D
 Acq On : 11 Sep 2025 14:33
 Operator : RC/JU
 Sample : Q3048-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MS

Quant Time: Sep 11 14:54:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	40470	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	148470	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	82637	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	118815	20.000	ng	0.01
76) Chrysene-d12	14.063	240	96375	20.000	ng	0.02
86) Perylene-d12	15.545	264	107767	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	233215	98.319	ng	0.01
7) Phenol-d6	6.516	99	287267	99.463	ng	0.01
23) Nitrobenzene-d5	7.451	82	173437	72.660	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	80657	96.851	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	371581	67.925	ng	0.00
79) Terphenyl-d14	13.004	244	312690	52.578	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	43117	40.750	ng	99
3) Pyridine	3.493	79	109156	39.936	ng	99
4) n-Nitrosodimethylamine	3.440	42	47816	46.054	ng	98
6) Aniline	6.557	93	90665	23.702	ng	97
8) 2-Chlorophenol	6.675	128	114971	44.878	ng	97
9) Benzaldehyde	6.446	77	73578	31.575	ng	99
10) Phenol	6.528	94	145805	45.670	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	106056	44.479	ng	97
12) 1,3-Dichlorobenzene	6.834	146	131689	44.946	ng	99
13) 1,4-Dichlorobenzene	6.910	146	132176	44.695	ng	99
14) 1,2-Dichlorobenzene	7.063	146	126804	45.406	ng	100
15) Benzyl Alcohol	7.028	79	99438	47.331	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	132577	42.499	ng	98
17) 2-Methylphenol	7.140	107	95740	46.457	ng	98
18) Hexachloroethane	7.410	117	42514	44.503	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	79896	45.042	ng	98
20) 3+4-Methylphenols	7.293	107	121295	44.695	ng	# 87
22) Acetophenone	7.298	105	175910	52.460	ng	97
24) Nitrobenzene	7.475	77	115561	46.691	ng	98
25) Isophorone	7.710	82	216421	47.284	ng	99
26) 2-Nitrophenol	7.787	139	63346	52.055	ng	100
27) 2,4-Dimethylphenol	7.822	122	109126	49.953	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	131429	46.725	ng	99
29) 2,4-Dichlorophenol	8.028	162	102049	46.438	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	109421	48.063	ng	98
31) Naphthalene	8.198	128	336051	45.723	ng	100
32) Benzoic acid	7.934	122	77605	58.227	ng	98
33) 4-Chloroaniline	8.239	127	29399	11.490	ng	98
34) Hexachlorobutadiene	8.316	225	68822	46.347	ng	98
35) Caprolactam	8.616	113	30223	51.674	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	102616	47.359	ng	98
37) 2-Methylnaphthalene	8.887	142	210431	41.825	ng	100
38) 1-Methylnaphthalene	8.987	142	218476	45.249	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	124564	52.653	ng	99
41) Hexachlorocyclopentadiene	9.045	237	116170	95.647	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	77965	49.353	ng	98

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Manual Integrations
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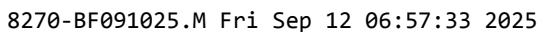
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

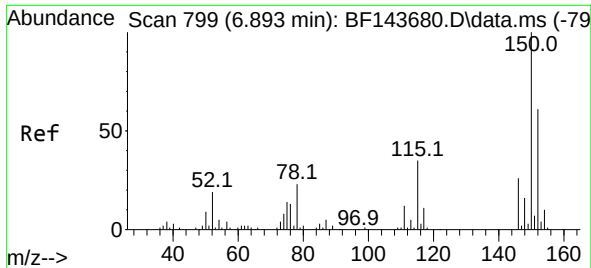
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	76566	47.676	ng	97
46) 1,1'-Biphenyl	9.351	154	314412	52.849	ng	99
47) 2-Chloronaphthalene	9.381	162	217656	46.668	ng	100
48) 2-Nitroaniline	9.469	65	60665	49.151	ng	98
49) Acenaphthylene	9.798	152	370830	55.507	ng	100
50) Dimethylphthalate	9.657	163	255923	47.599	ng	100
51) 2,6-Dinitrotoluene	9.716	165	53624	52.164	ng	95
52) Acenaphthene	9.969	154	225317	48.943	ng	99
53) 3-Nitroaniline	9.881	138	34557	31.237	ng	99
54) 2,4-Dinitrophenol	9.986	184	47909	86.166	ng	# 50
55) Dibenzofuran	10.139	168	303616	45.864	ng	99
56) 4-Nitrophenol	10.034	139	77994	88.616	ng	99
57) 2,4-Dinitrotoluene	10.116	165	71416	51.044	ng	96
58) Fluorene	10.481	166	244151	47.116	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	62302	47.844	ng	# 98
60) Diethylphthalate	10.357	149	240120	47.570	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	120394	45.811	ng	98
62) 4-Nitroaniline	10.498	138	46175	44.069	ng	99
63) Azobenzene	10.633	77	219974	49.294	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	32360	53.494	ng	99
66) n-Nitrosodiphenylamine	10.592	169	202251	51.961	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	70324	49.082	ng	96
68) Hexachlorobenzene	11.028	284	74455	49.214	ng	96
69) Atrazine	11.116	200	61800	50.638	ng	99
70) Pentachlorophenol	11.222	266	105228	115.060	ng	98
71) Phenanthrene	11.445	178	341737	52.202	ng	99
72) Anthracene	11.498	178	341605	51.895	ng	99
73) Carbazole	11.651	167	253558	47.034	ng	100
74) Di-n-butylphthalate	11.980	149	329354	50.746	ng	100
75) Fluoranthene	12.639	202	418991	69.718	ng	100
77) Benzidine	12.757	184	60992	19.407	ng	98
78) Pyrene	12.869	202	447083	58.021	ng	99
80) Butylbenzylphthalate	13.480	149	112096	46.430	ng	98
81) Benzo(a)anthracene	14.057	228	426834	68.842	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	46480	24.368	ng	99
83) Chrysene	14.092	228	360538	63.491	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	158954	46.144	ng	99
85) Di-n-octyl phthalate	14.657	149	287827	46.627	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.045	276	273653	37.207	ng	99
88) Benzo(b)fluoranthene	15.116	252	460684	71.812	ng	98
89) Benzo(k)fluoranthene	15.145	252	357094m	61.677	ng	
90) Benzo(a)pyrene	15.486	252	389197	69.057	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	197473	32.362	ng	99
92) Benzo(g,h,i)perylene	17.498	276	205457	35.997	ng	99

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

Manual Integrations APPROVED

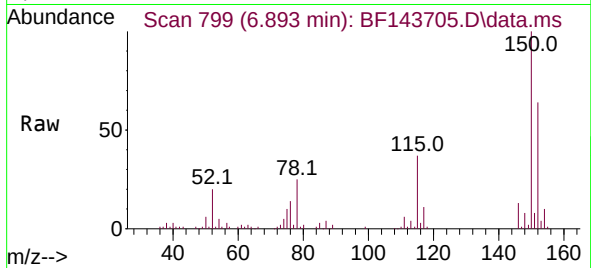
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

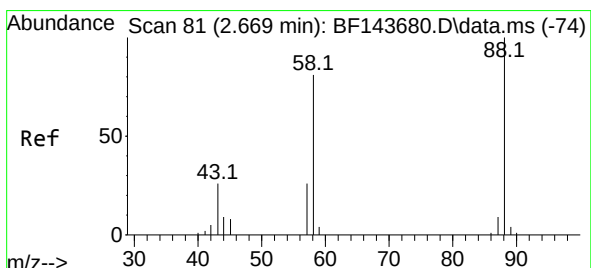
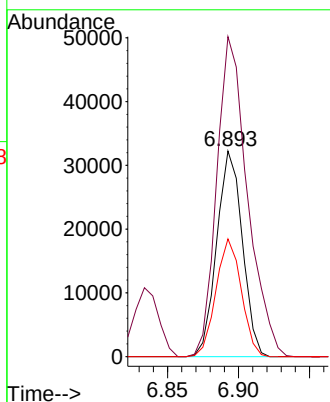
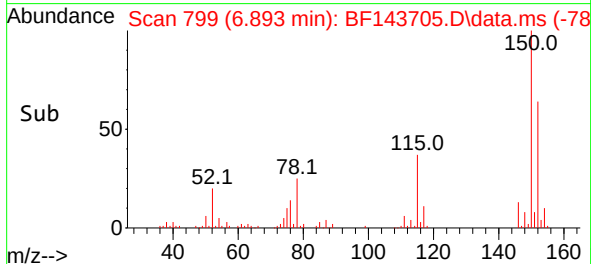
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



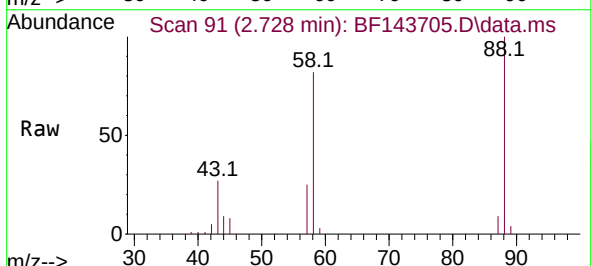
Tgt Ion:152 Resp: 40476
Ion Ratio Lower Upper
152 100
150 155.7 130.7 196.1
115 57.3 45.9 68.9

Manual Integrations
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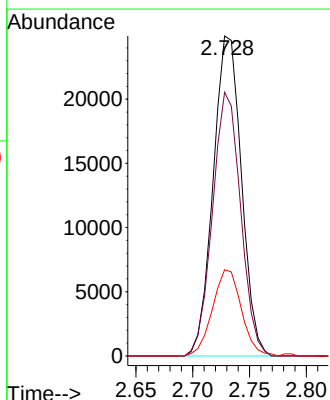
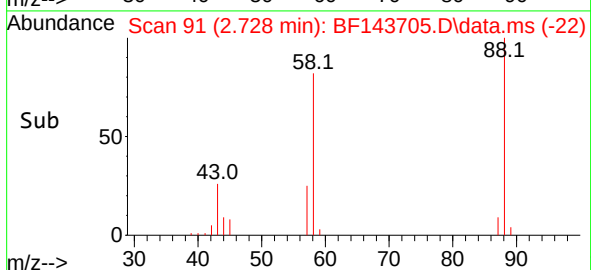
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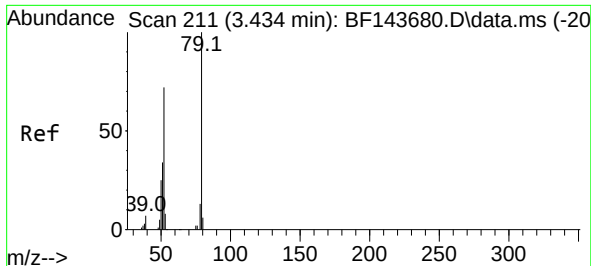


#2
1,4-Dioxane
Concen: 40.750 ng
RT: 2.728 min Scan# 91
Delta R.T. 0.059 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



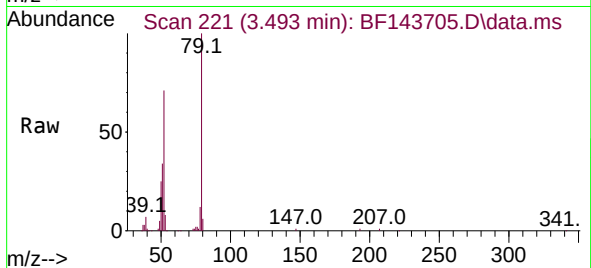
Tgt Ion: 88 Resp: 43117
Ion Ratio Lower Upper
88 100
58 82.0 65.8 98.6
43 27.5 20.6 31.0





#3
Pyridine
Concen: 39.936 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.059 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

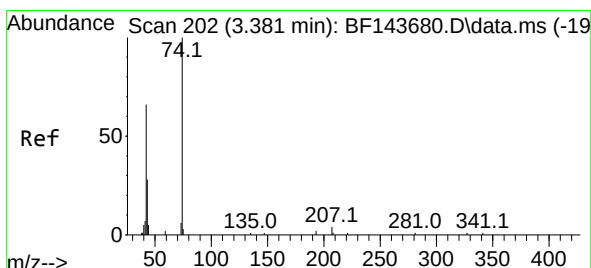
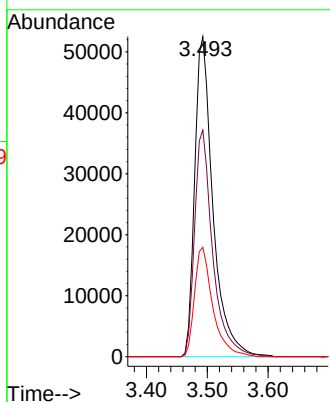
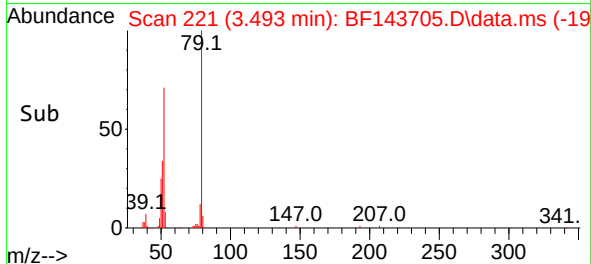
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



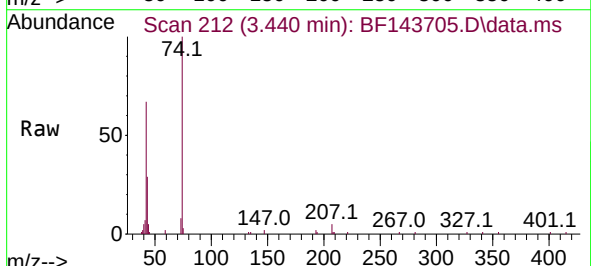
Tgt Ion: 79 Resp: 109156
Ion Ratio Lower Upper
79 100
52 70.8 57.2 85.8
51 34.2 27.0 40.6

Manual Integrations
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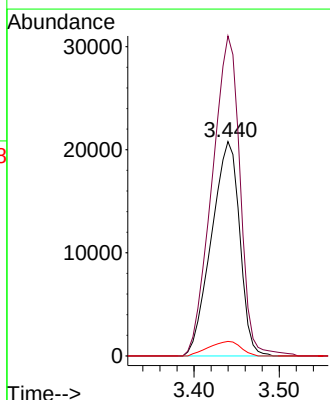
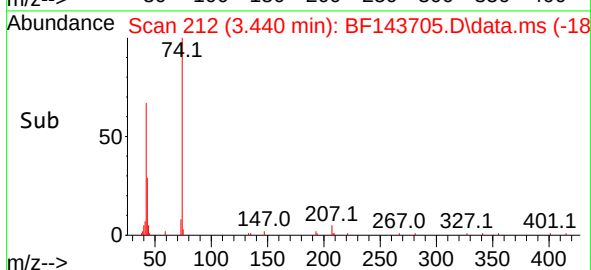
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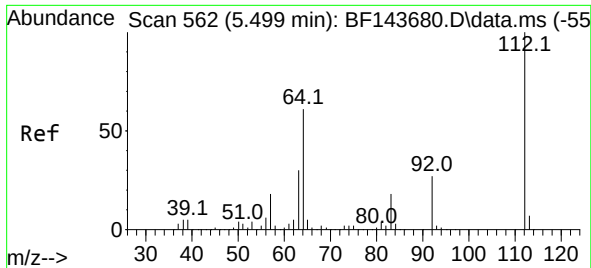


#4
n-Nitrosodimethylamine
Concen: 46.054 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion: 42 Resp: 47816
Ion Ratio Lower Upper
42 100
74 149.3 120.9 181.3
44 6.7 6.5 9.7





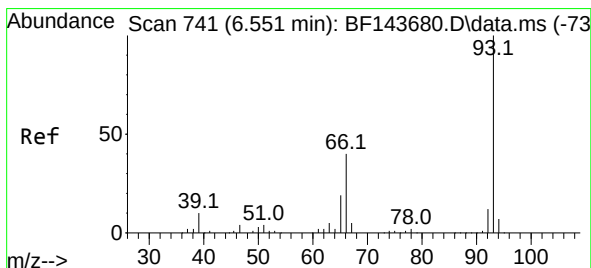
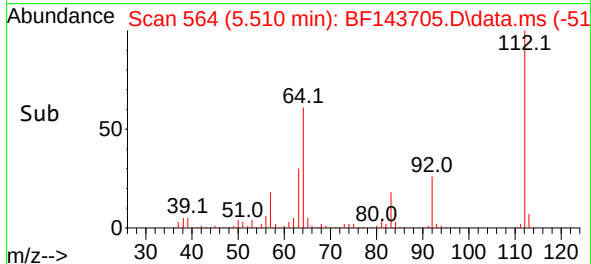
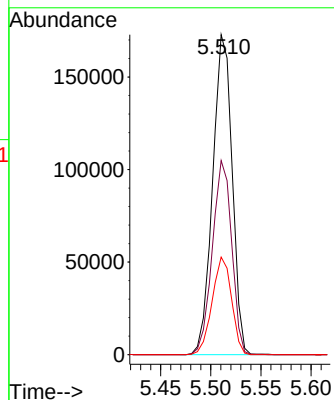
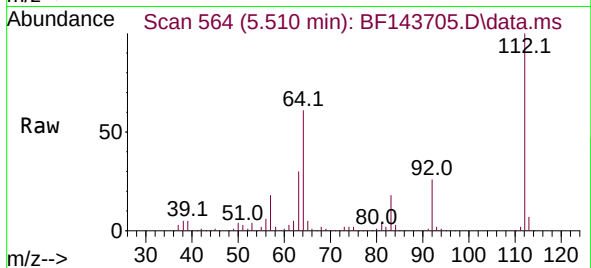
#5
2-Fluorophenol
Concen: 98.319 ng
RT: 5.510 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :
BNA_F
ClientSampleId :
VNJ-258MS

Tgt Ion:112 Resp: 233215
Ion Ratio Lower Upper
112 100
64 60.6 49.0 73.4
63 30.5 24.3 36.5

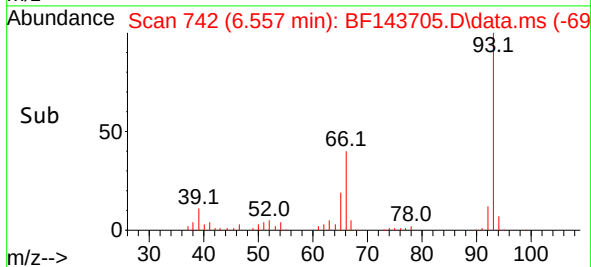
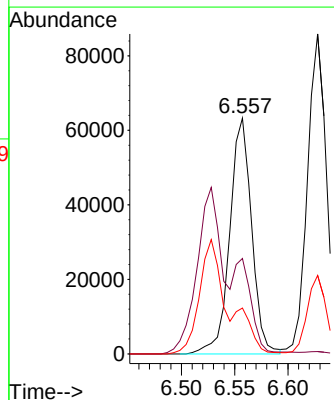
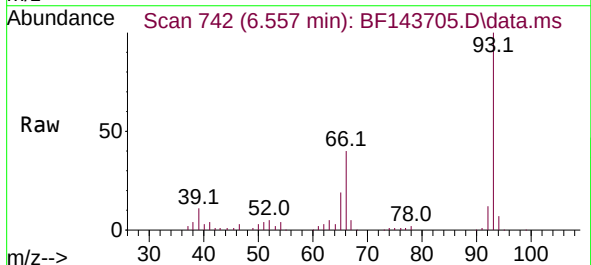
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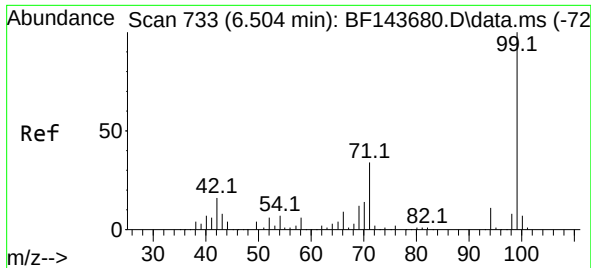
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#6
Aniline
Concen: 23.702 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

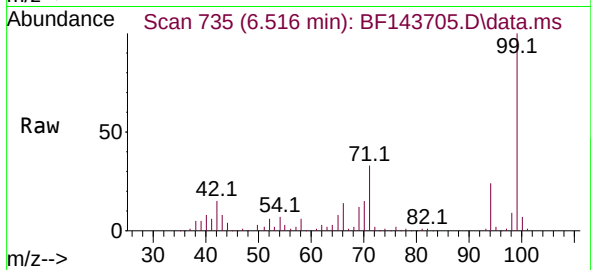
Tgt Ion: 93 Resp: 90665
Ion Ratio Lower Upper
93 100
66 40.5 34.1 51.1
65 19.5 16.1 24.1





#7
Phenol-d6
Concen: 99.463 ng
RT: 6.516 min Scan# 734
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

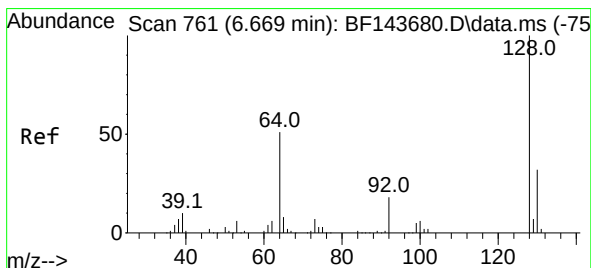
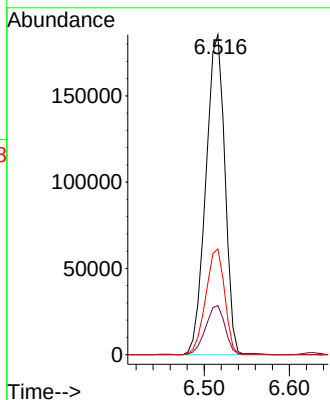
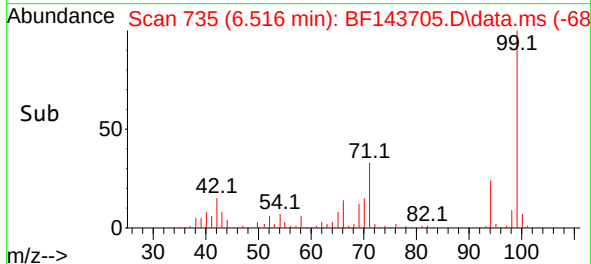
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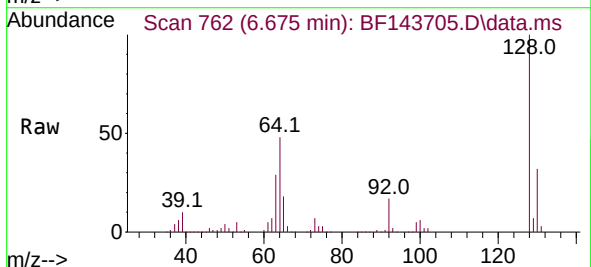
Tgt Ion: 99 Resp: 287262
Ion Ratio Lower Upper
99 100
42 15.3 13.0 19.4
71 33.0 27.4 41.2

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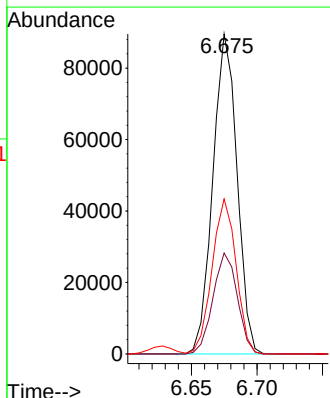
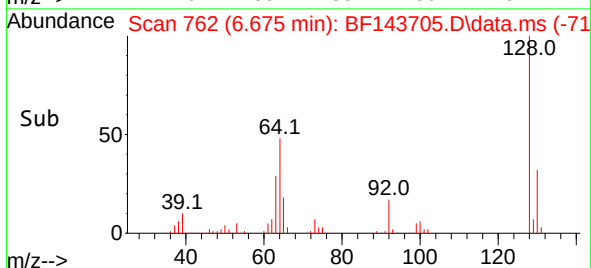
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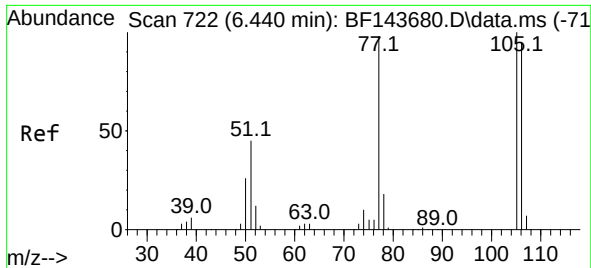


#8
2-Chlorophenol
Concen: 44.878 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion:128 Resp: 114971
Ion Ratio Lower Upper
128 100
130 31.5 12.0 52.0
64 48.4 31.9 71.9





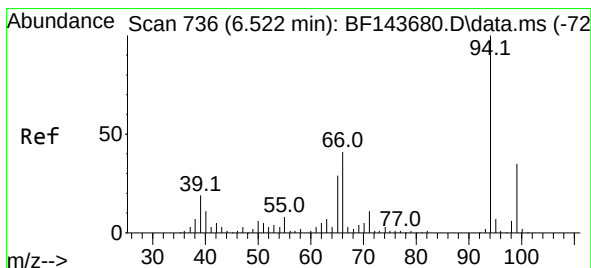
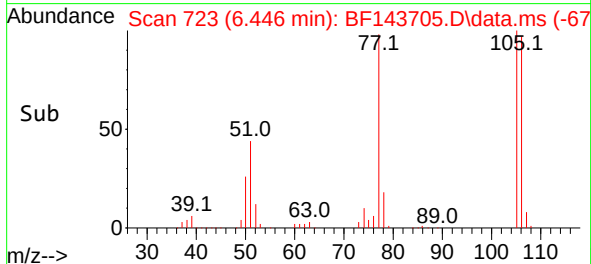
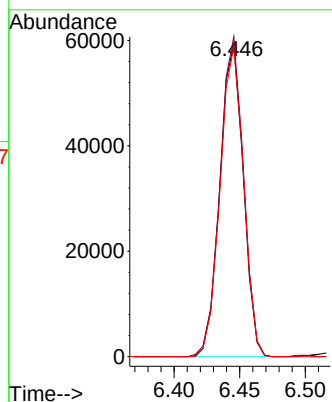
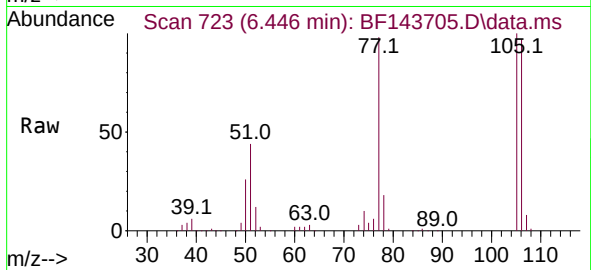
#9
Benzaldehyde
Concen: 31.575 ng
RT: 6.446 min Scan# 721
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :
BNA_F
ClientSampleId :
VNJ-258MS

Tgt Ion: 77 Resp: 73578
Ion Ratio Lower Upper
77 100
105 102.4 81.7 121.7
106 99.1 76.9 116.9

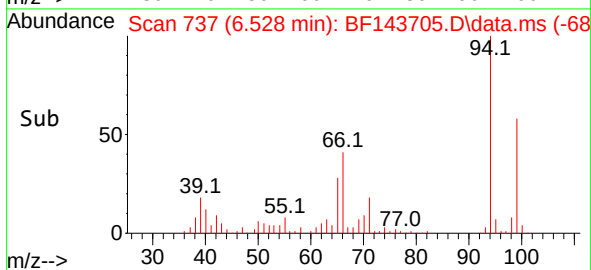
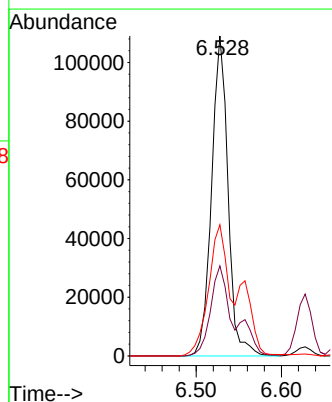
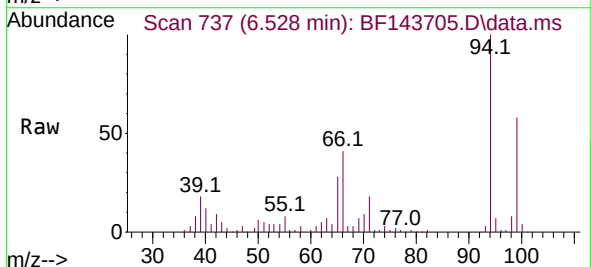
Manual Integrations
APPROVED

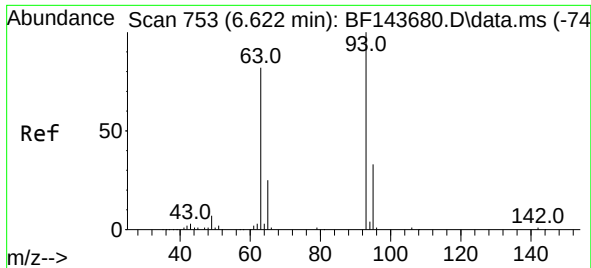
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#10
Phenol
Concen: 45.670 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

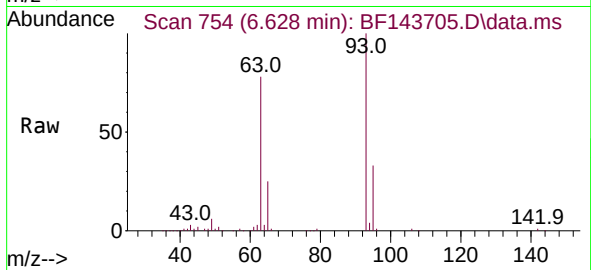
Tgt Ion: 94 Resp: 145805
Ion Ratio Lower Upper
94 100
65 28.1 9.1 49.1
66 41.0 20.8 60.8





#11
bis(2-Chloroethyl)ether
Concen: 44.479 ng
RT: 6.628 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

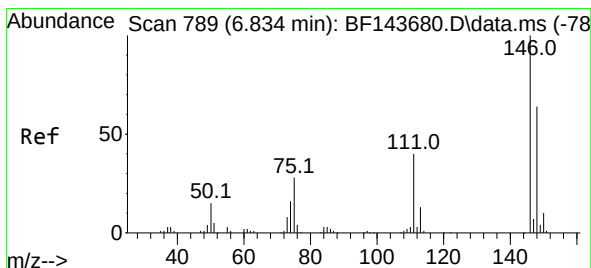
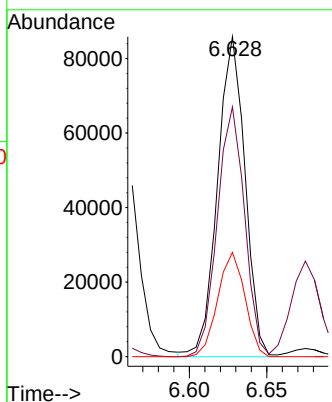
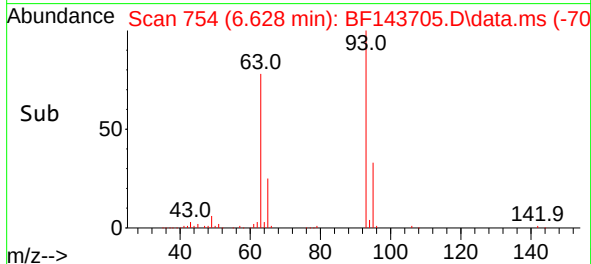
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



Tgt Ion: 93 Resp: 106056
Ion Ratio Lower Upper
93 100
63 78.0 61.8 101.8
95 32.6 12.6 52.6

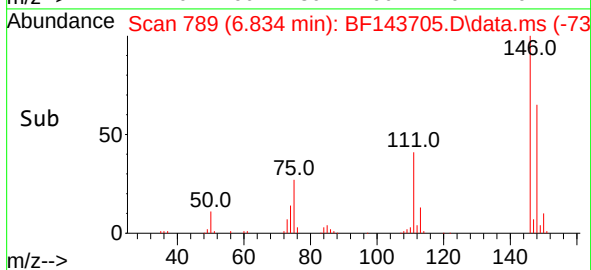
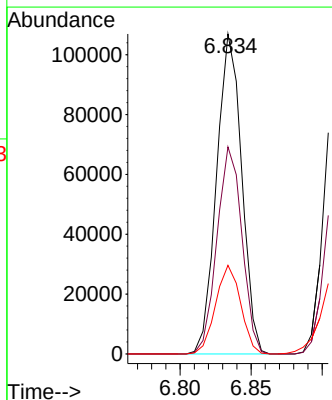
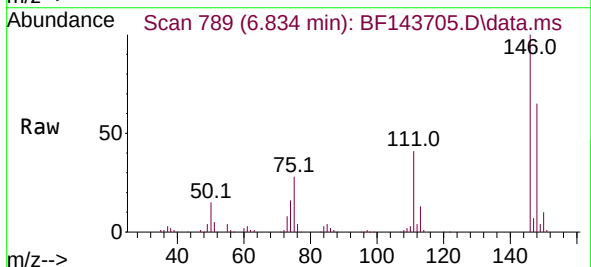
Manual Integrations
APPROVED

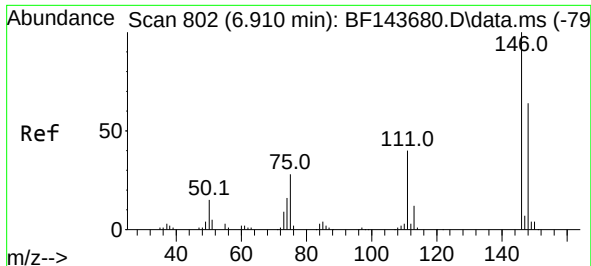
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#12
1,3-Dichlorobenzene
Concen: 44.946 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

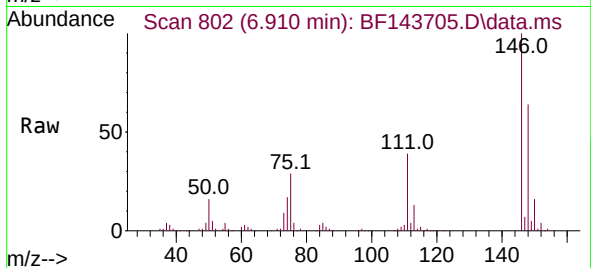
Tgt Ion:146 Resp: 131689
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
75 27.7 22.0 33.0





#13
1,4-Dichlorobenzene
Concen: 44.695 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

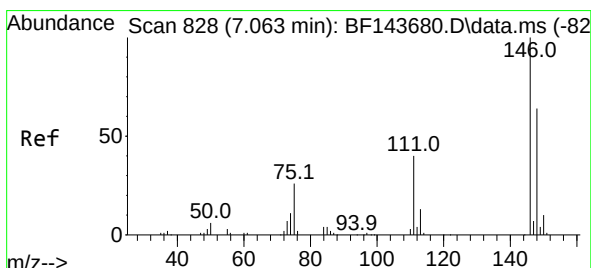
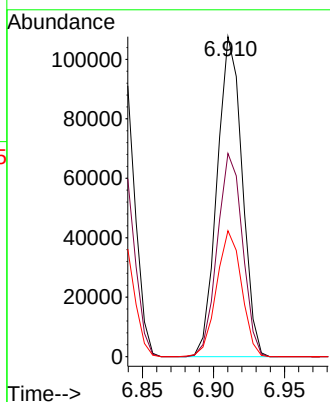
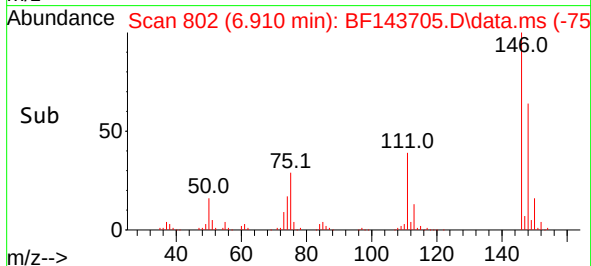
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



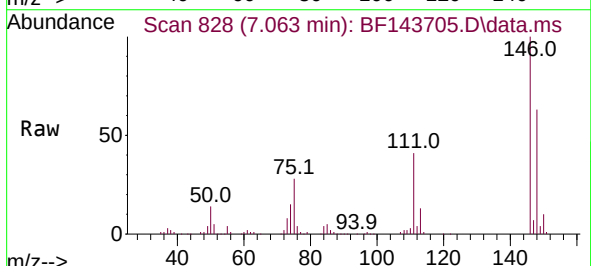
Tgt Ion:146 Resp: 132176
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 39.3 31.8 47.8

Manual Integrations
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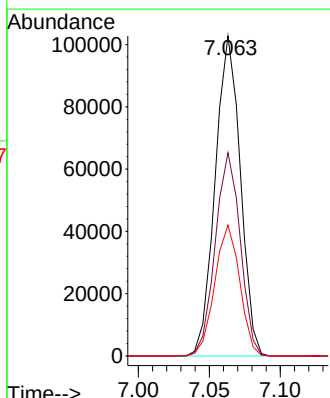
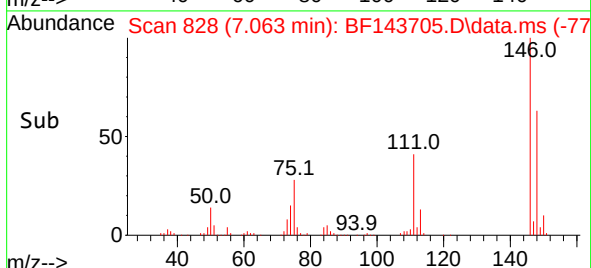
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

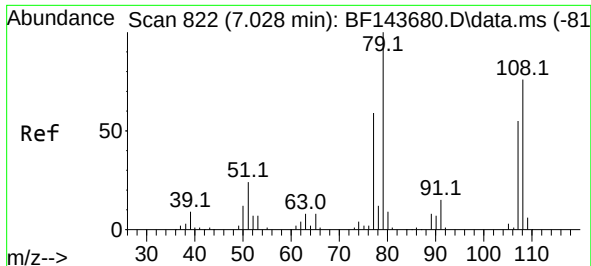


#14
1,2-Dichlorobenzene
Concen: 45.406 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion:146 Resp: 126804
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
111 40.9 32.3 48.5





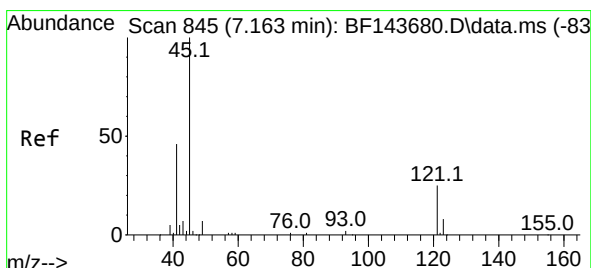
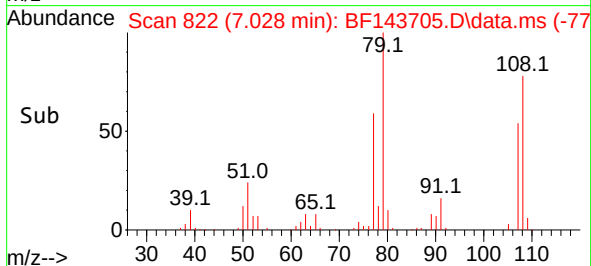
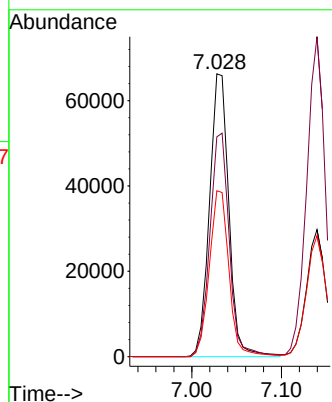
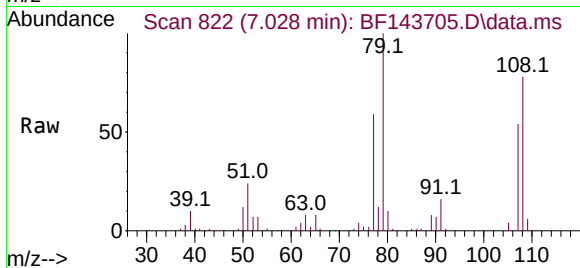
#15
Benzyl Alcohol
Concen: 47.331 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :
BNA_F
ClientSampleId :
VNJ-258MS

Tgt Ion: 79 Resp: 99438
Ion Ratio Lower Upper
79 100
108 77.7 60.9 91.3
77 58.6 47.4 71.2

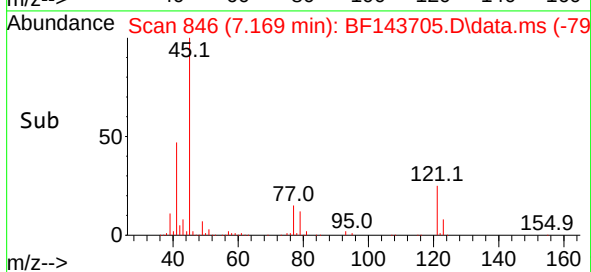
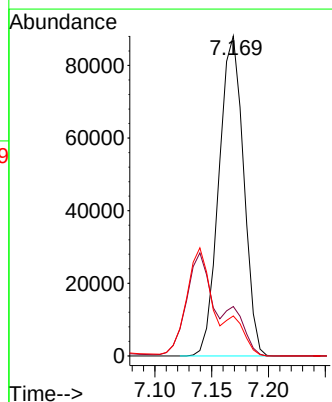
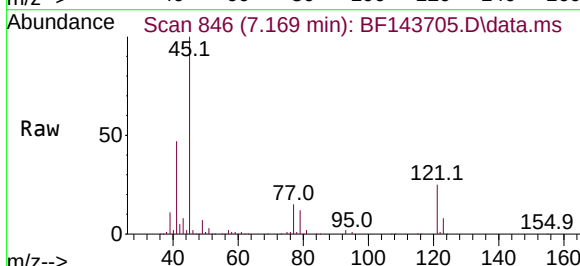
Manual Integrations
APPROVED

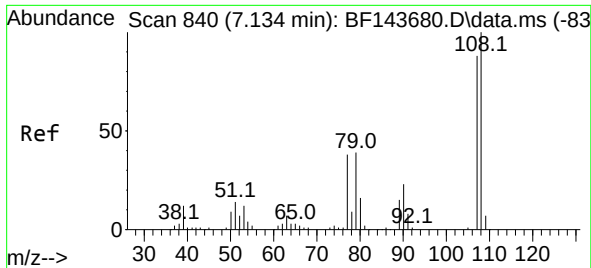
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.499 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

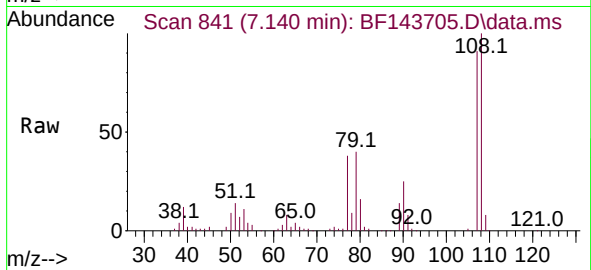
Tgt Ion: 45 Resp: 132577
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.6
79 12.5 0.0 31.3





#17
2-Methylphenol
Concen: 46.457 ng
RT: 7.140 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :
BNA_F
ClientSampleId :
VNJ-258MS

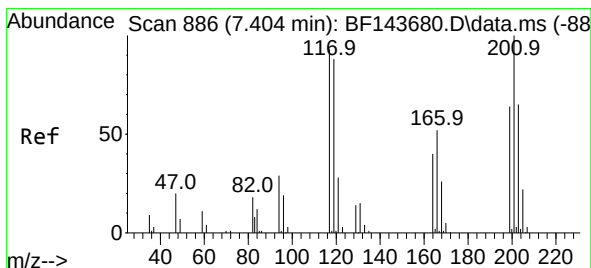
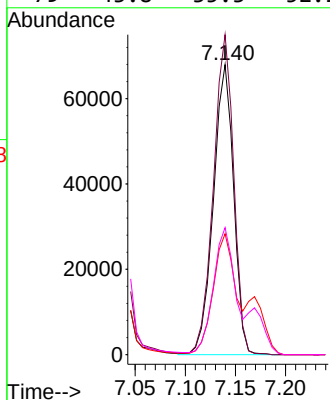
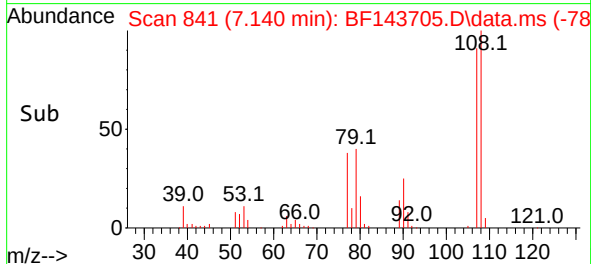


Tgt Ion:107 Resp: 95740

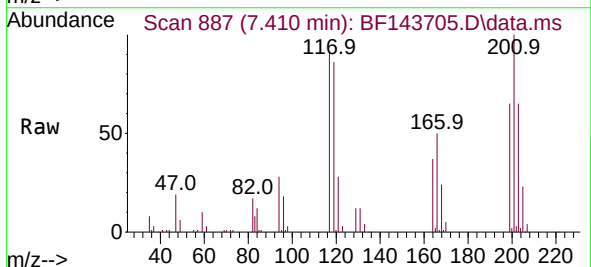
Ion	Ratio	Lower	Upper
107	100		
108	110.4	90.9	136.3
77	41.7	34.4	51.6
79	43.8	35.3	52.9

Manual Integrations
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Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

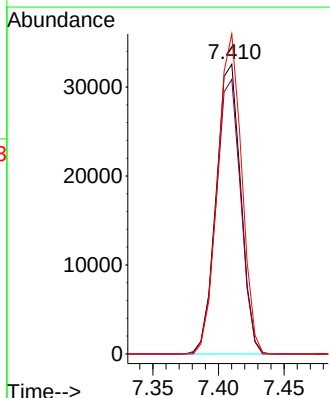
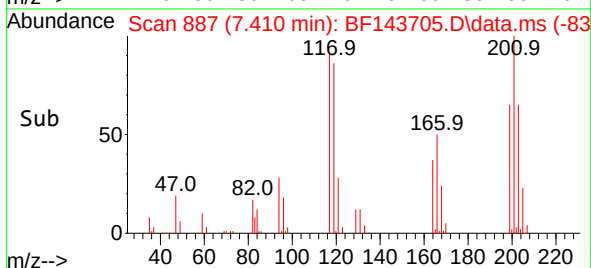


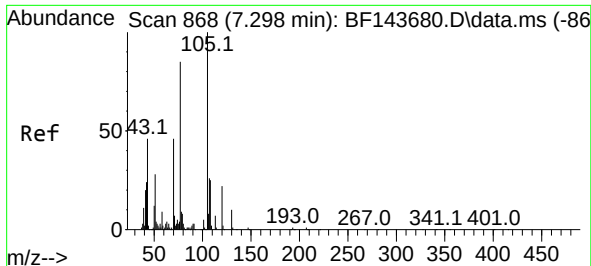
#18
Hexachloroethane
Concen: 44.503 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion:117 Resp: 42514

Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.2	114.2
201	110.4	86.4	129.6





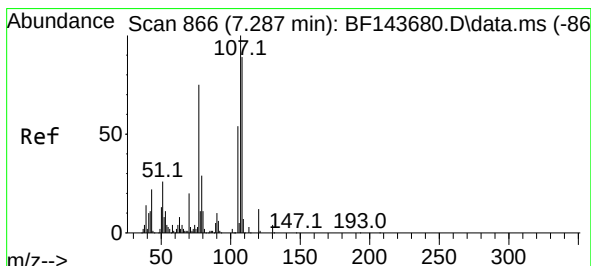
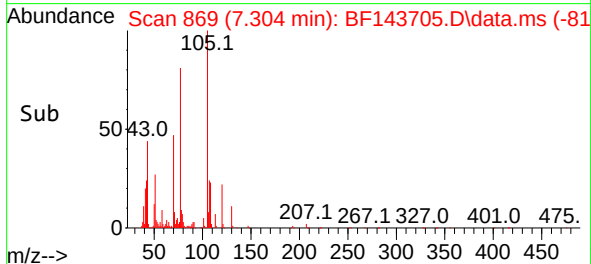
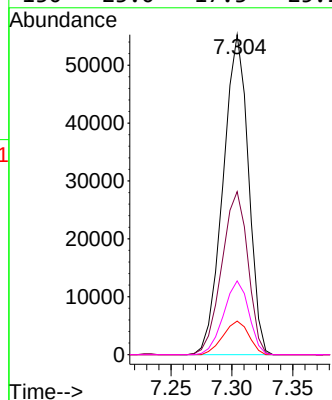
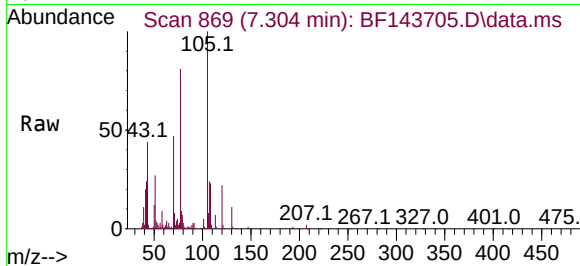
#19
n-Nitroso-di-n-propylamine
Concen: 45.042 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :
BNA_F
ClientSampleId :
VNJ-258MS

Tgt Ion: 70	Resp: 79896
Ion Ratio	Lower Upper
70 100	
42 50.9	41.4 62.2
101 10.5	8.1 12.1
130 23.0	17.3 25.9

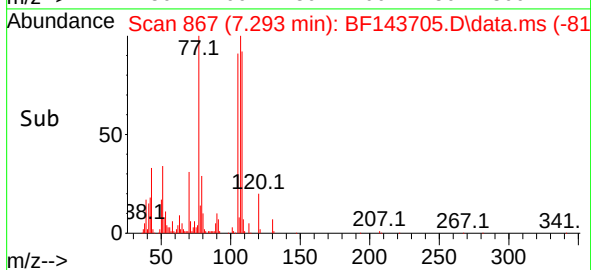
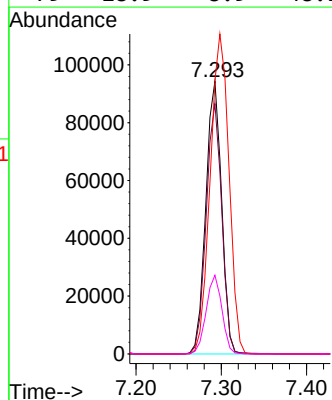
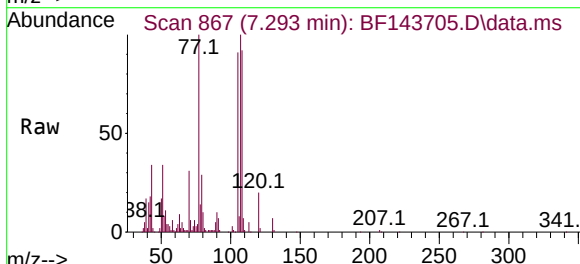
Manual Integrations
APPROVED

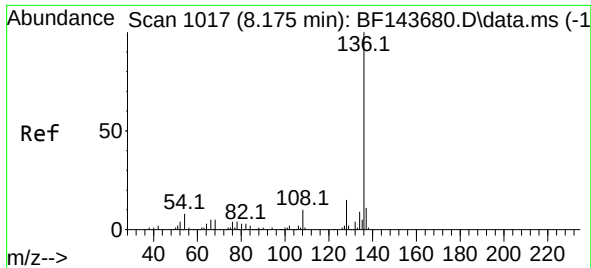
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#20
3+4-Methylphenols
Concen: 44.695 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

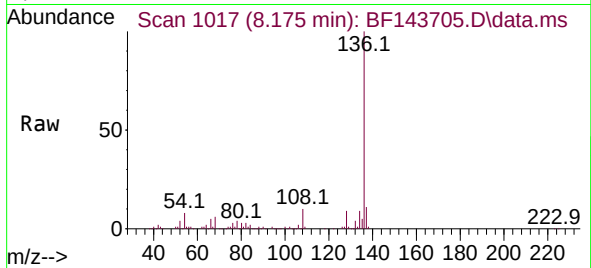
Tgt Ion: 107	Resp: 121295
Ion Ratio	Lower Upper
107 100	
108 91.8	68.6 108.6
77 100.2	54.6 94.6#
79 28.9	8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

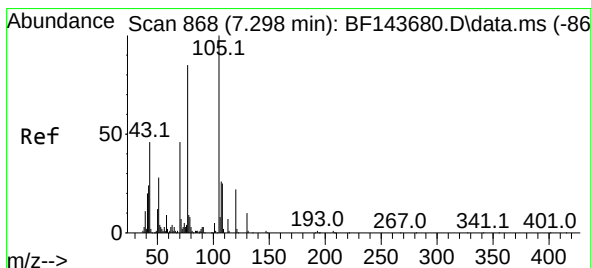
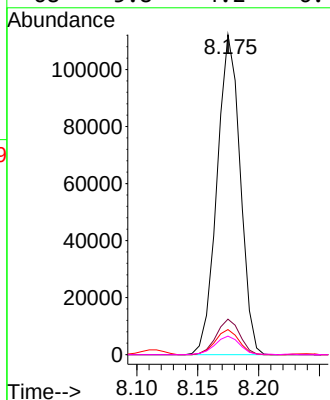
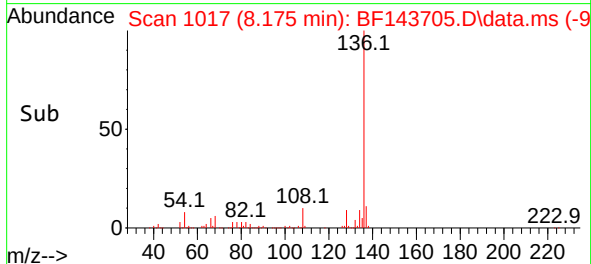
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



Tgt Ion:136 Resp: 148470
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.8 6.2 9.2
68 5.8 4.2 6.4

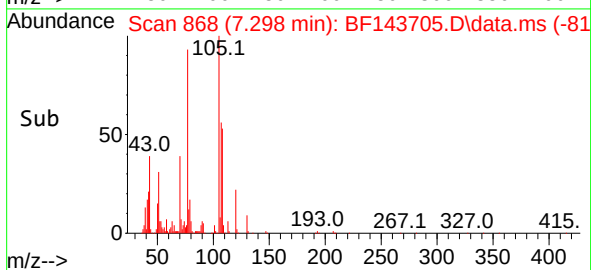
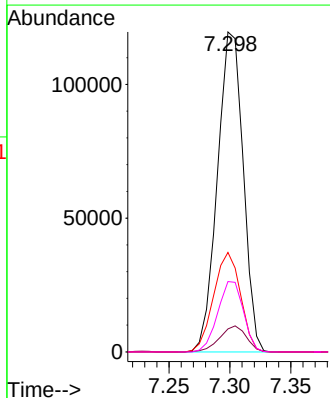
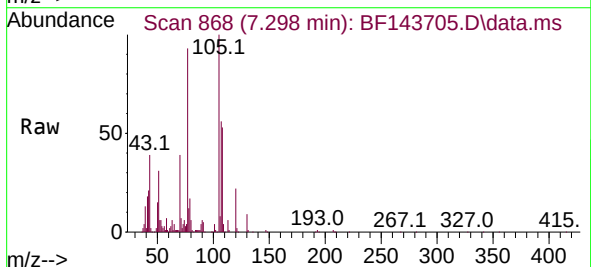
Manual Integrations
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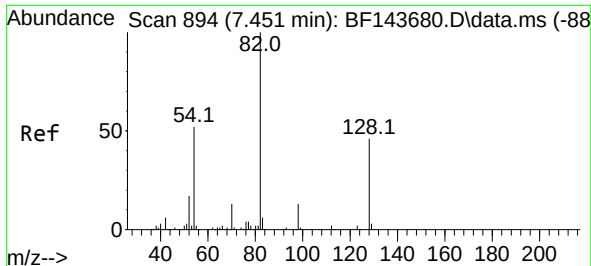
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#22
Acetophenone
Concen: 52.460 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Tgt Ion:105 Resp: 175910
Ion Ratio Lower Upper
105 100
71 7.2 5.9 8.9
51 31.1 22.4 33.6
120 22.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 72.660 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

VNJ-258MS

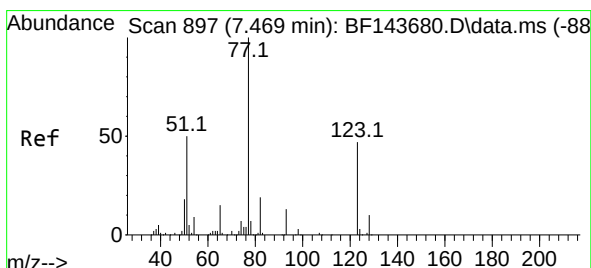
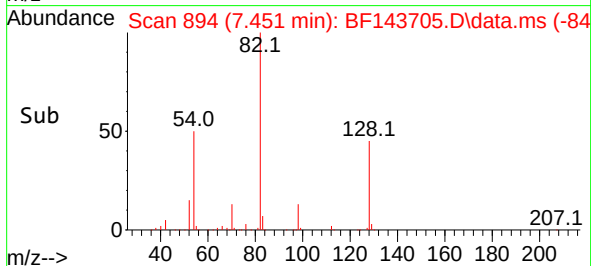
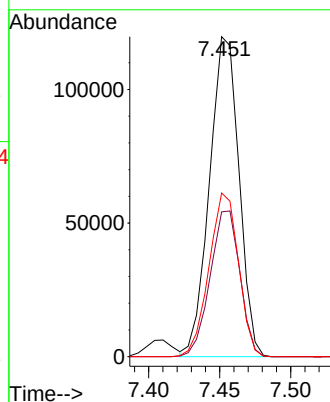
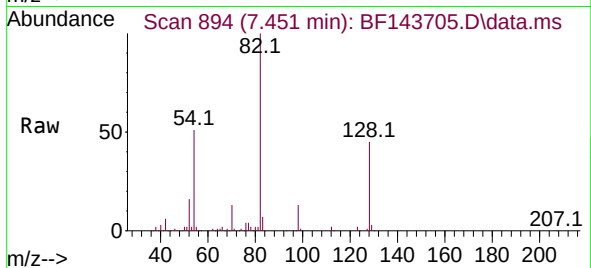
Tgt Ion: 82	Resp: 17343
Ion Ratio	Lower Upper
82 100	
128 45.3	37.0 55.4
54 51.1	41.8 62.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#24

Nitrobenzene

Concen: 46.691 ng

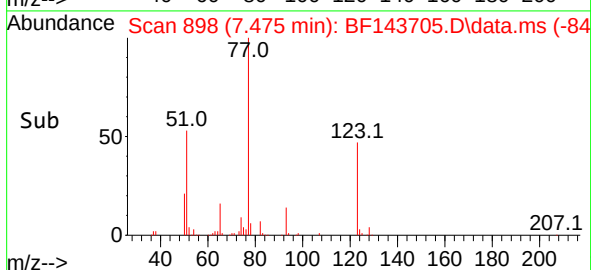
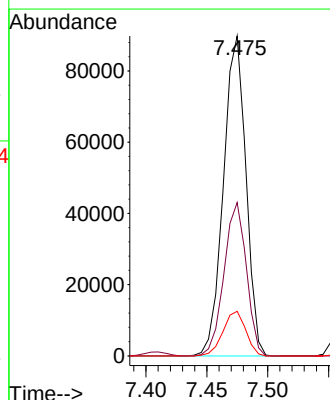
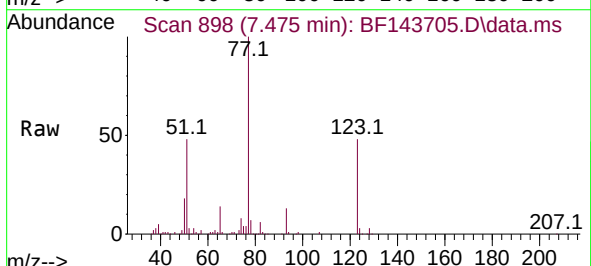
RT: 7.475 min Scan# 898

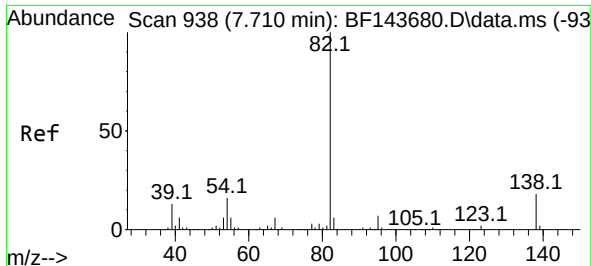
Delta R.T. 0.006 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

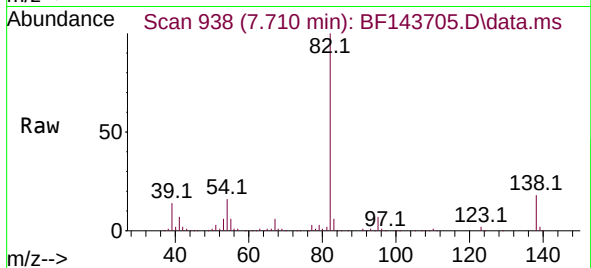
Tgt Ion: 77	Resp: 115561
Ion Ratio	Lower Upper
77 100	
123 47.9	37.4 56.0
65 14.0	11.6 17.4





#25
Isophorone
Concen: 47.284 ng
RT: 7.710 min Scan# 938
Delta R.T. -0.000 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

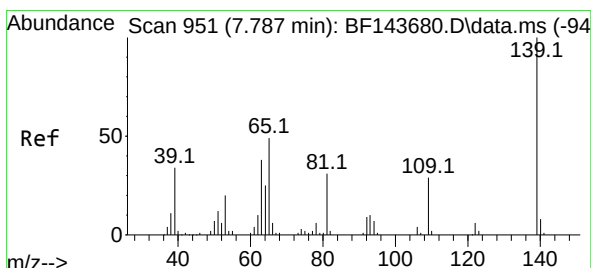
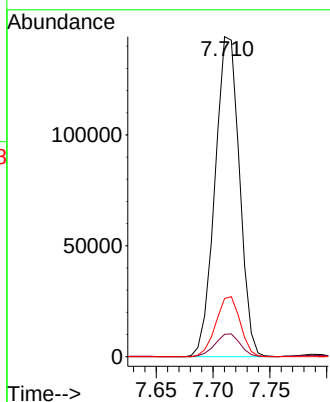
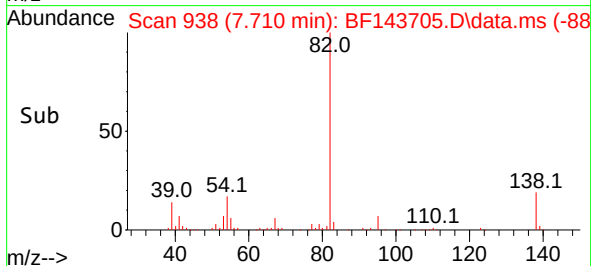
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



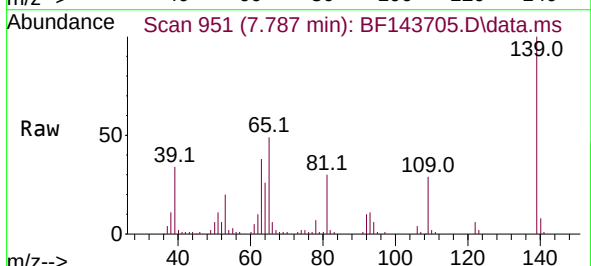
Tgt Ion: 82 Resp: 216421
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.2 14.8 22.2

Manual Integrations
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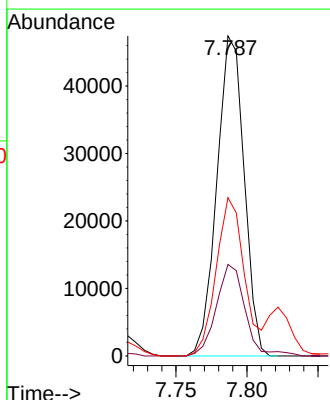
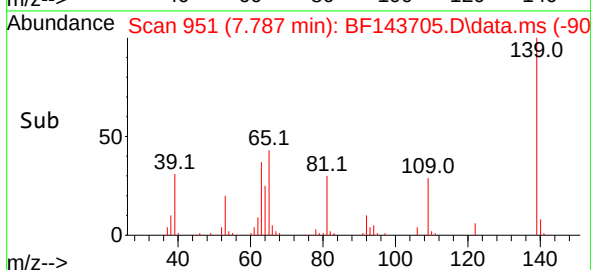
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

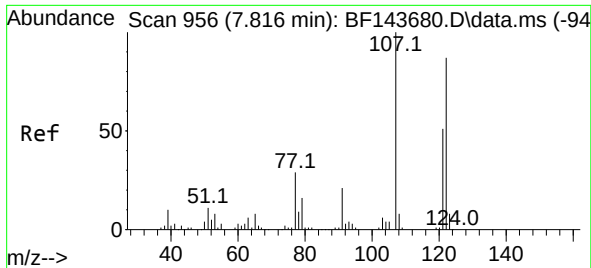


#26
2-Nitrophenol
Concen: 52.055 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



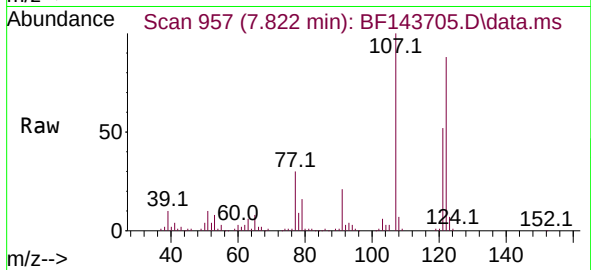
Tgt Ion:139 Resp: 63346
Ion Ratio Lower Upper
139 100
109 28.6 22.8 34.2
65 49.4 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 49.953 ng
RT: 7.822 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

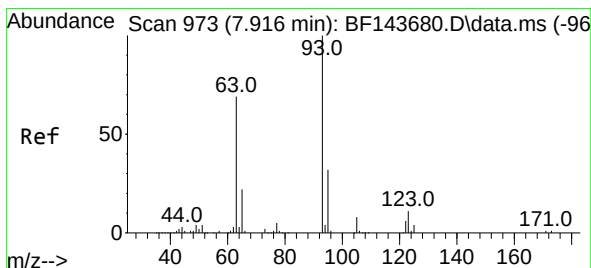
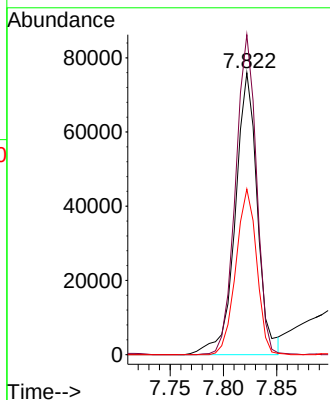
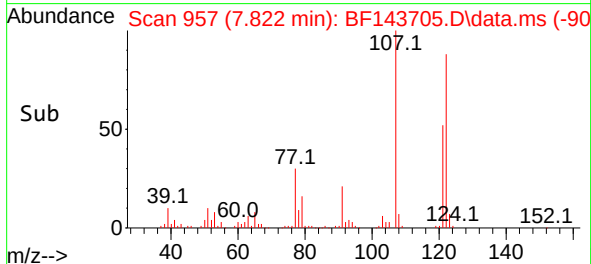
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



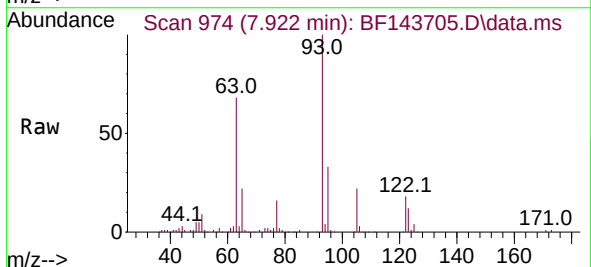
Tgt Ion:122 Resp: 109126
Ion Ratio Lower Upper
122 100
107 113.6 92.1 138.1
121 58.7 46.9 70.3

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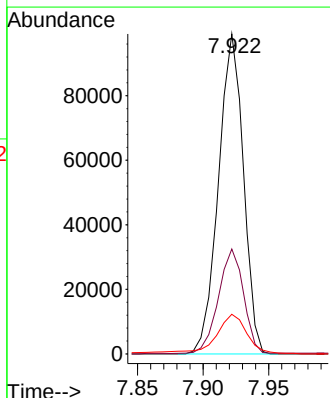
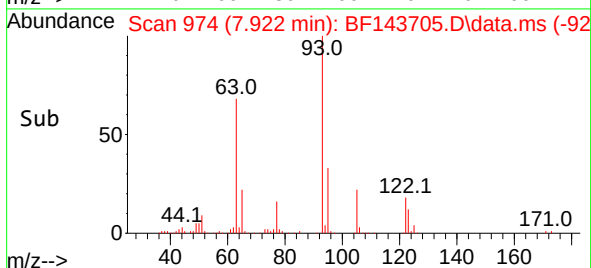
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

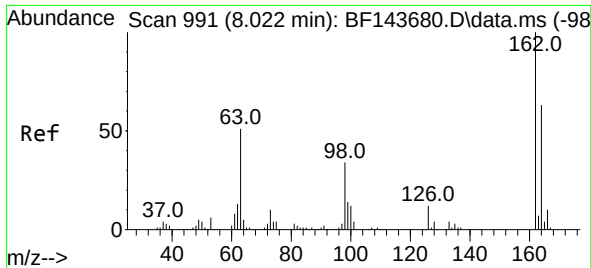


#28
bis(2-Chloroethoxy)methane
Concen: 46.725 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion: 93 Resp: 131429
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 46.438 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

VNJ-258MS

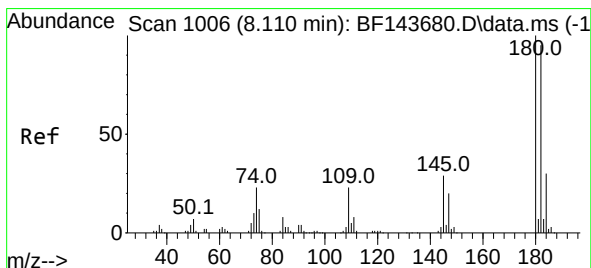
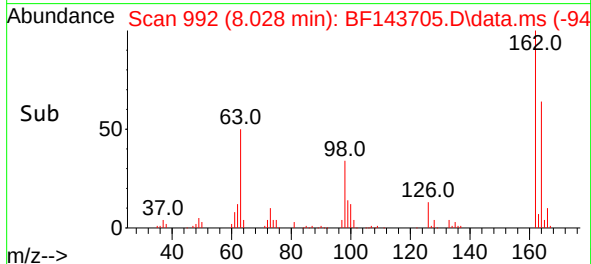
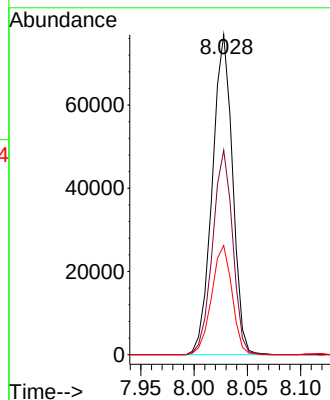
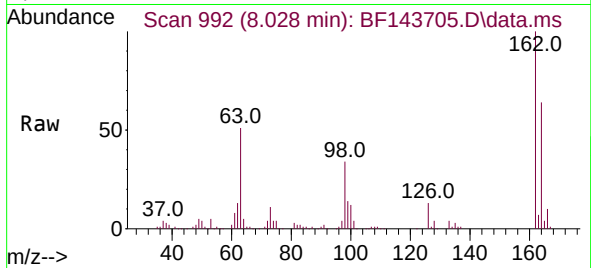
Tgt Ion:162 Resp: 102049
 Ion Ratio Lower Upper
 162 100
 164 63.9 43.0 83.0
 98 34.1 13.8 53.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.063 ng

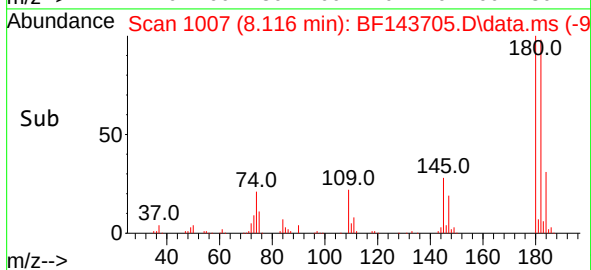
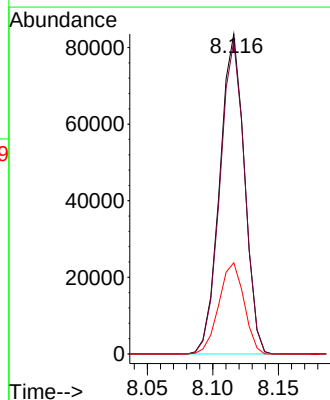
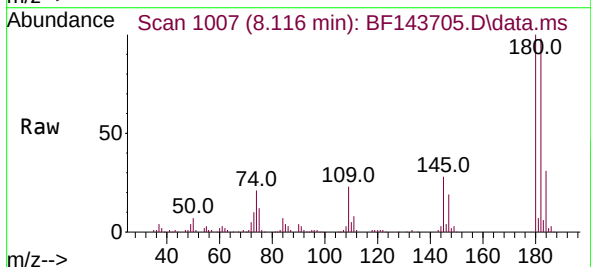
RT: 8.116 min Scan# 1007

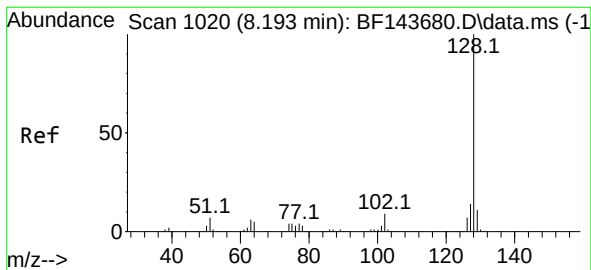
Delta R.T. 0.006 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Tgt Ion:180 Resp: 109421
 Ion Ratio Lower Upper
 180 100
 182 97.8 76.2 114.4
 145 28.5 23.2 34.8





#31

Naphthalene

Concen: 45.723 ng

RT: 8.198 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

VNJ-258MS

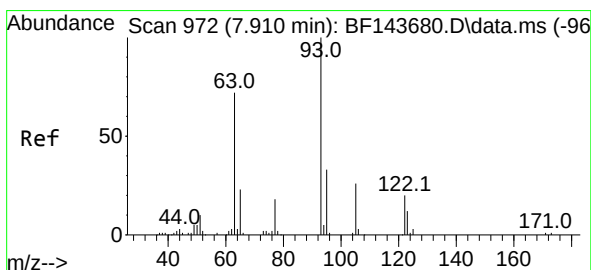
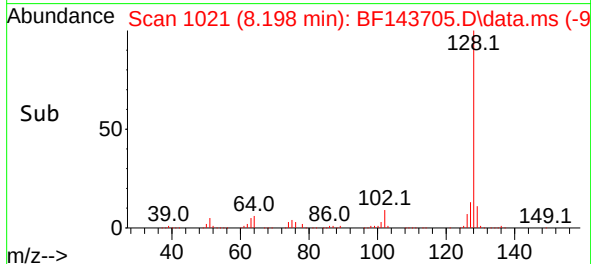
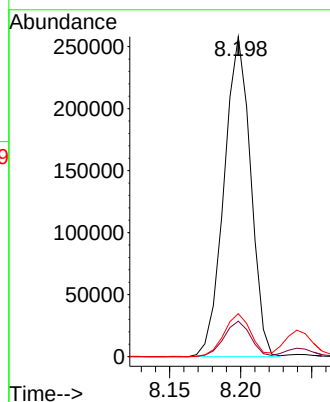
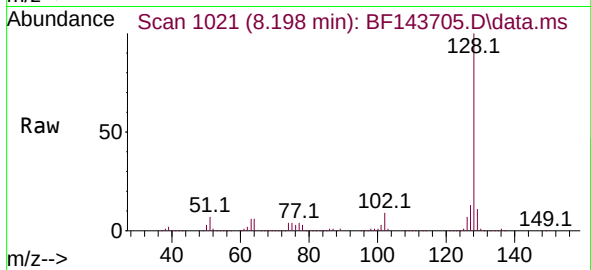
Tgt Ion:128	Resp: 33605
Ion Ratio	Lower Upper
128	100
129	11.1 8.8 13.2
127	13.4 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#32

Benzoic acid

Concen: 58.227 ng

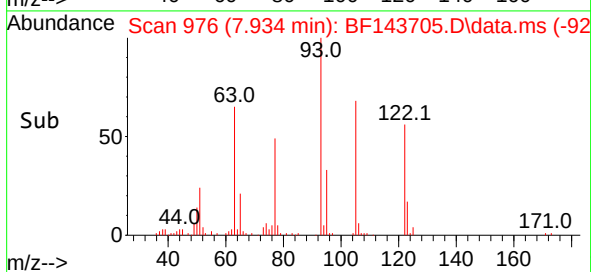
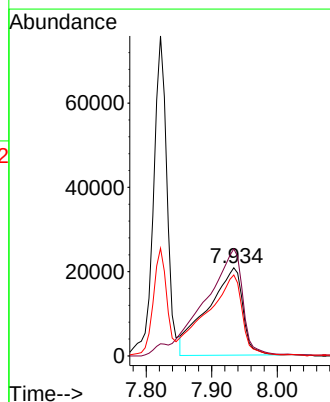
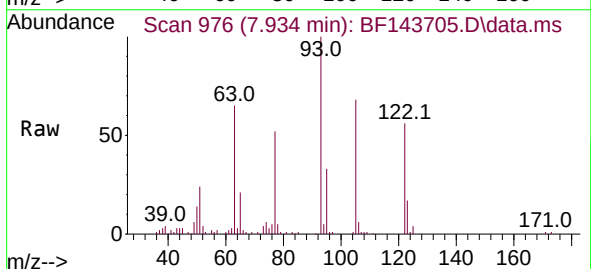
RT: 7.934 min Scan# 976

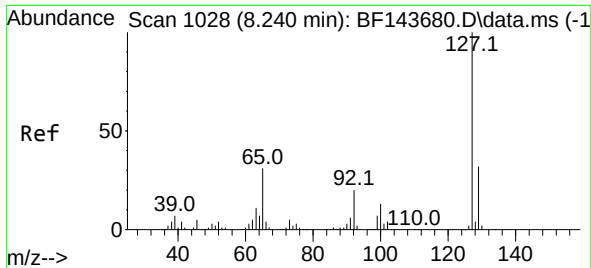
Delta R.T. 0.023 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Tgt Ion:122	Resp: 77605
Ion Ratio	Lower Upper
122	100
105	121.3 105.2 145.2
77	91.8 72.0 112.0





#33
4-Chloroaniline
Concen: 11.490 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

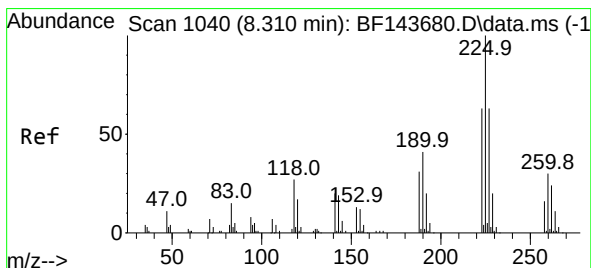
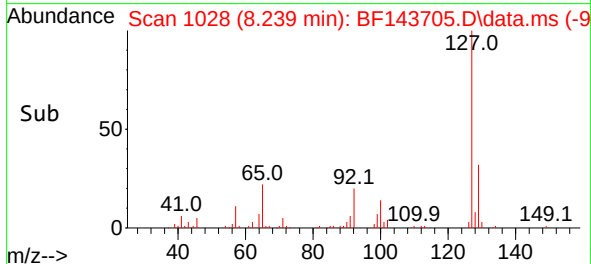
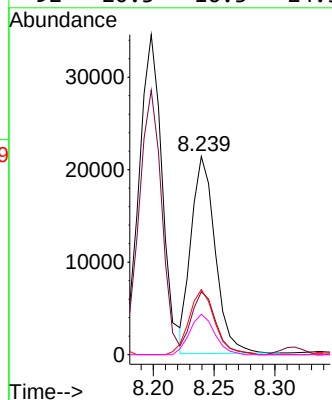
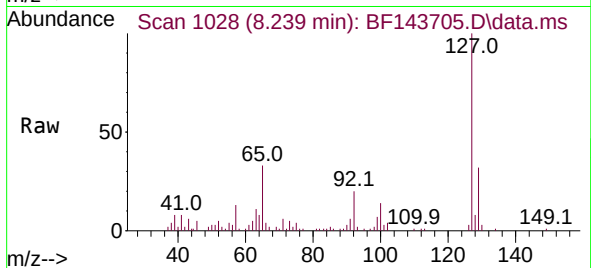
VNJ-258MS

Tgt Ion:127 Resp: 29399
Ion Ratio Lower Upper
127 100
129 31.7 26.0 39.0
65 32.8 24.6 36.8
92 20.3 16.3 24.5

Manual Integrations

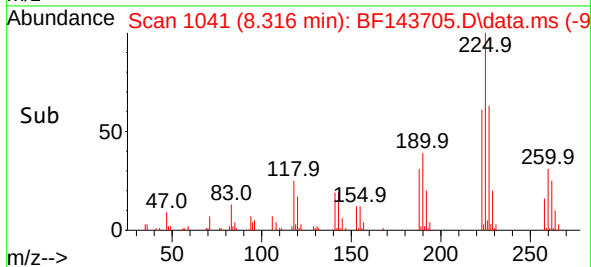
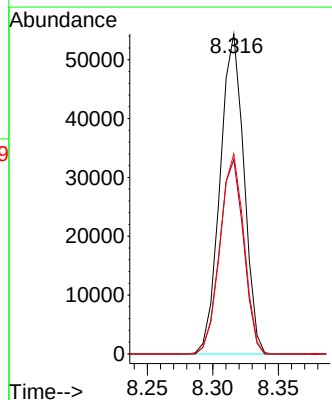
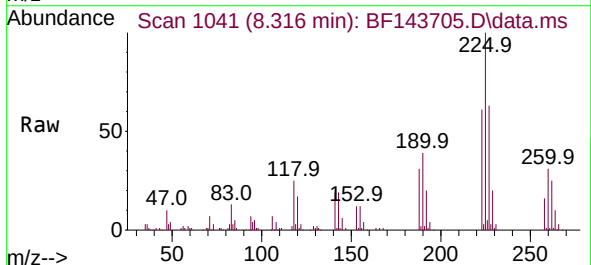
APPROVED

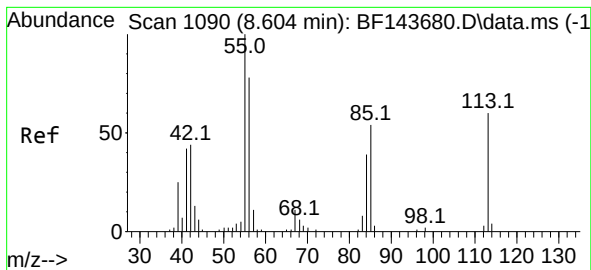
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 46.347 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Tgt Ion:225 Resp: 68822
Ion Ratio Lower Upper
225 100
223 60.7 50.6 76.0
227 62.5 50.8 76.2





#35

Caprolactam

Concen: 51.674 ng

RT: 8.616 min Scan# 1092

Delta R.T. 0.012 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

VNJ-258MS

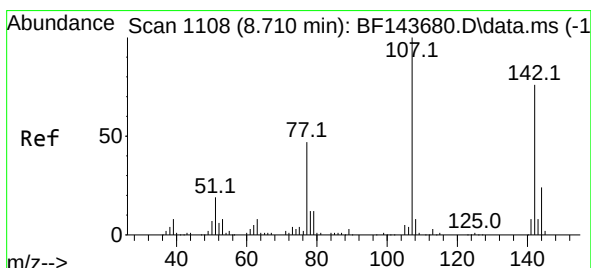
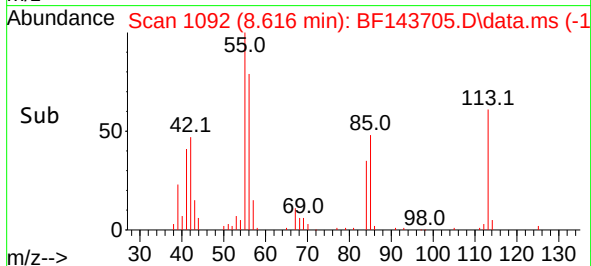
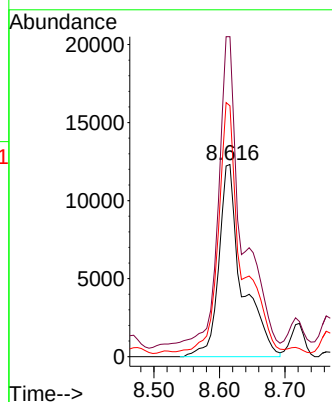
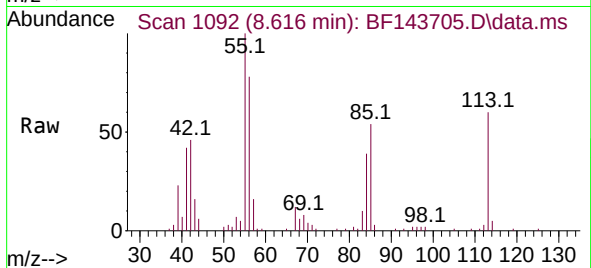
Tgt Ion:113	Resp: 30223
Ion Ratio	Lower Upper
113 100	
55 166.5	148.9 188.9
56 130.5	112.8 152.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#36

4-Chloro-3-methylphenol

Concen: 47.359 ng

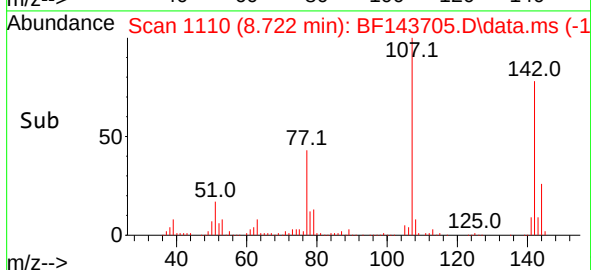
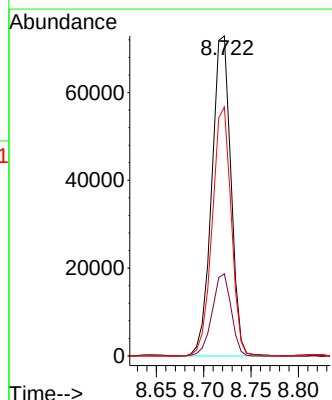
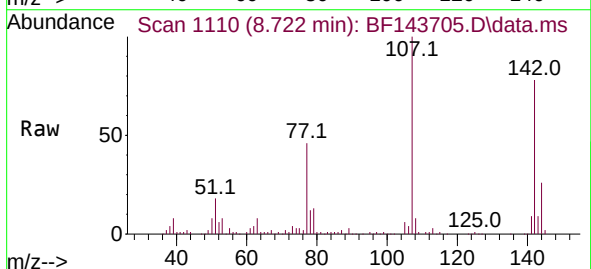
RT: 8.722 min Scan# 1110

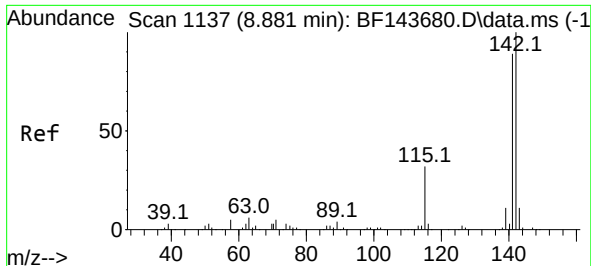
Delta R.T. 0.012 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Tgt Ion:107	Resp: 102616
Ion Ratio	Lower Upper
107 100	
144 25.7	19.4 29.2
142 77.8	60.6 91.0





#37

2-Methylnaphthalene

Concen: 41.825 ng

RT: 8.887 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

VNJ-258MS

Tgt Ion:142 Resp: 21043

Ion Ratio Lower Upper

142 100

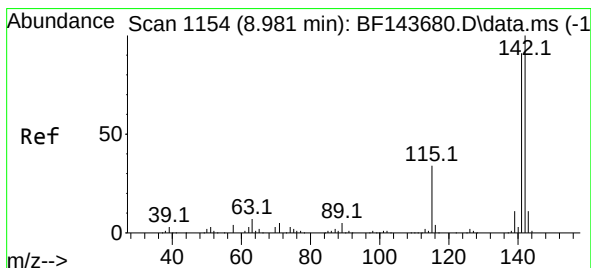
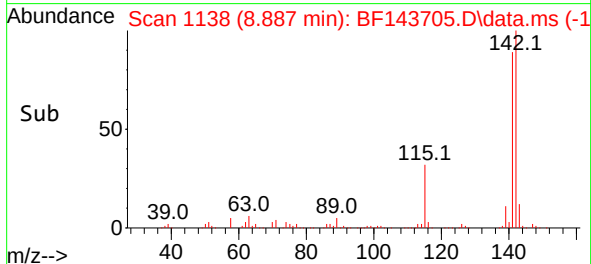
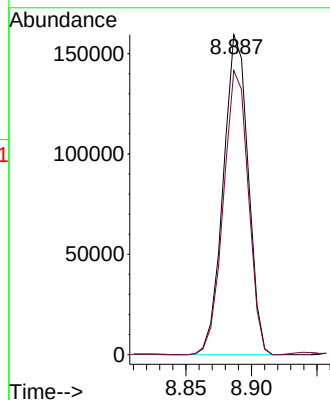
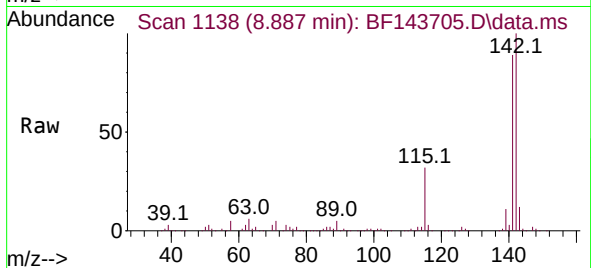
141 88.8 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#38

1-Methylnaphthalene

Concen: 45.249 ng

RT: 8.987 min Scan# 1155

Delta R.T. 0.006 min

Lab File: BF143705.D

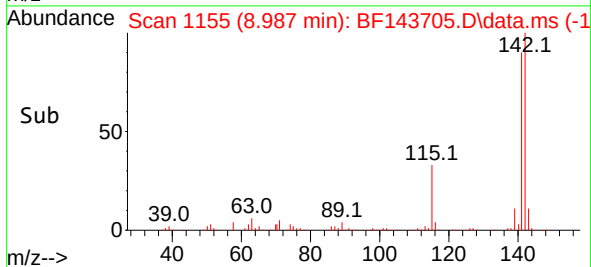
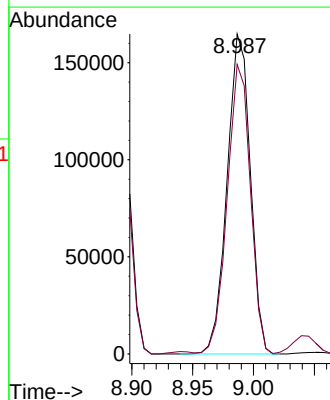
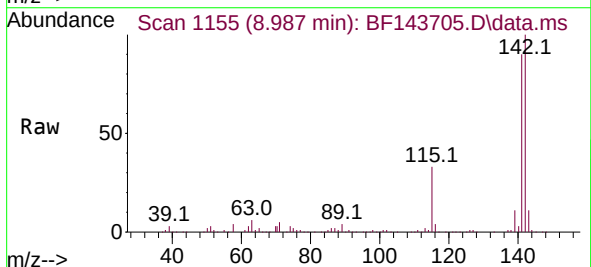
Acq: 11 Sep 2025 14:33

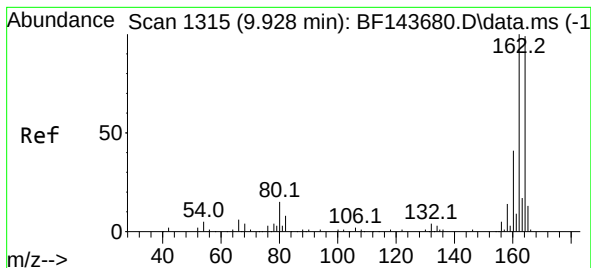
Tgt Ion:142 Resp: 218476

Ion Ratio Lower Upper

142 100

141 90.4 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

VNJ-258MS

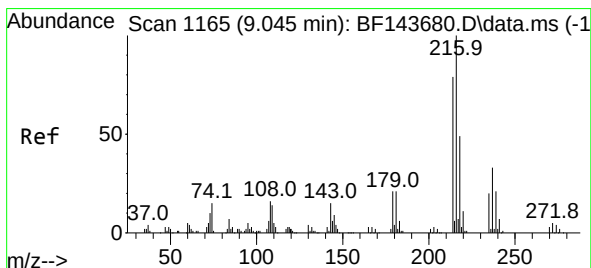
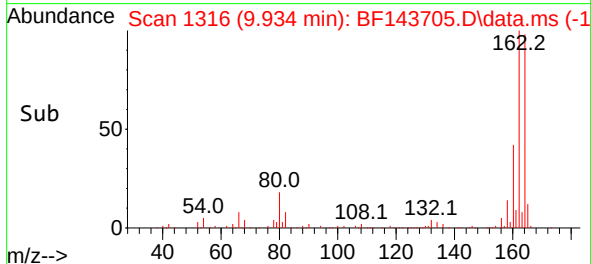
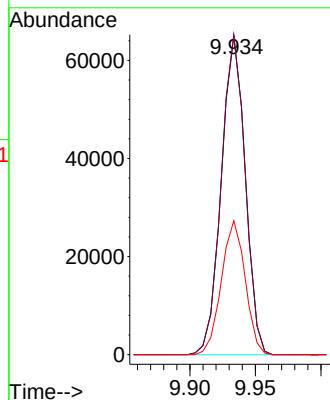
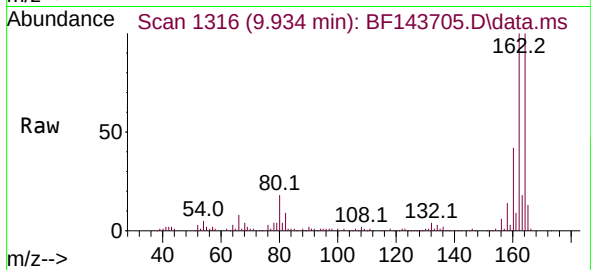
Tgt Ion:164	Resp:	8263
Ion Ratio	Lower	Upper
164	100	
162	100.5	80.6 121.0
160	42.0	33.0 49.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.653 ng

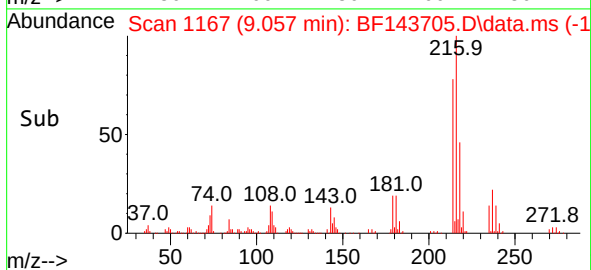
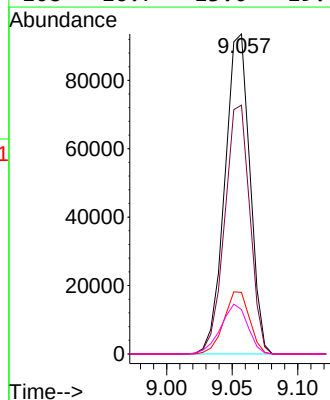
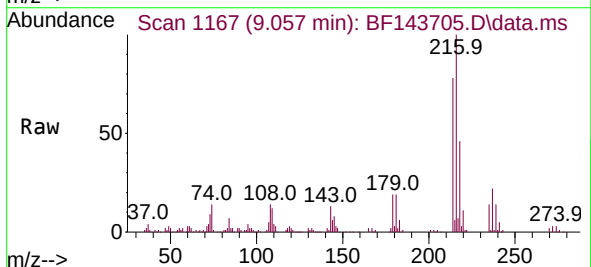
RT: 9.057 min Scan# 1167

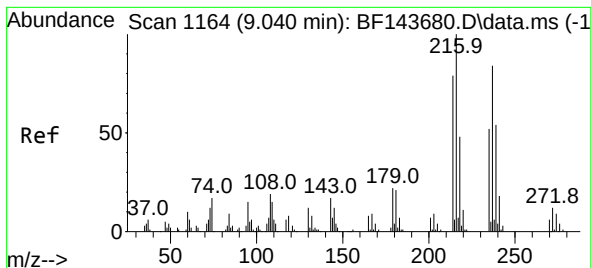
Delta R.T. 0.012 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Tgt Ion:216	Resp:	124564
Ion Ratio	Lower	Upper
216	100	
214	77.9	63.2 94.8
179	19.7	16.8 25.2
108	16.7	13.0 19.6





#41

Hexachlorocyclopentadiene

Concen: 95.647 ng

RT: 9.045 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

VNJ-258MS

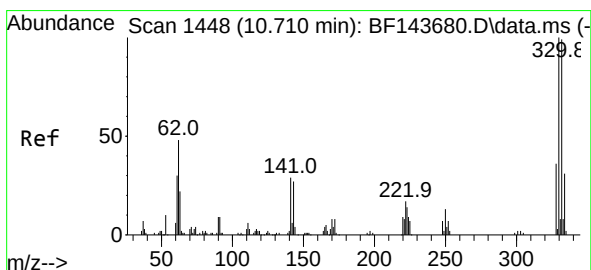
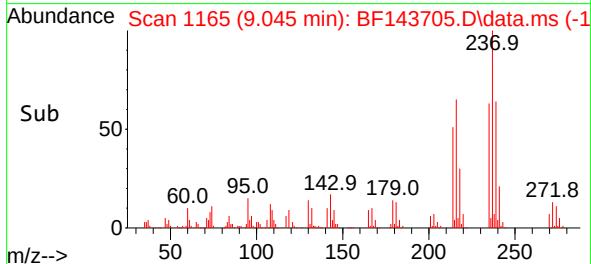
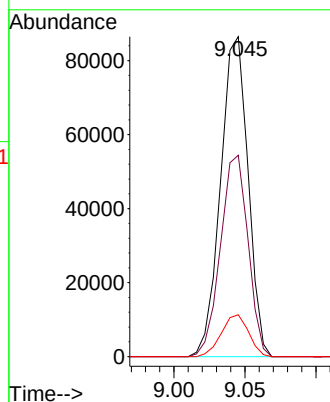
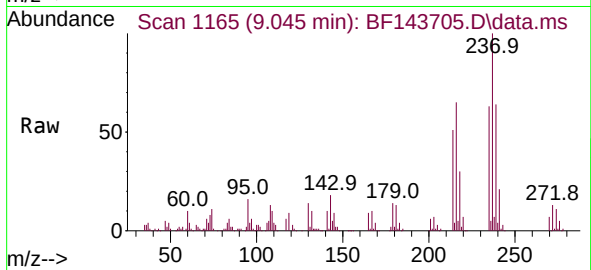
Tgt Ion:	237	Resp:	116170
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.6	81.6
272	13.1	0.0	33.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#42

2,4,6-Tribromophenol

Concen: 96.851 ng

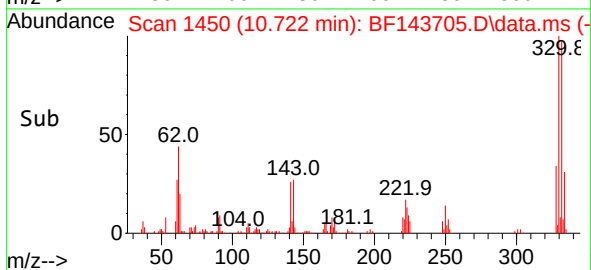
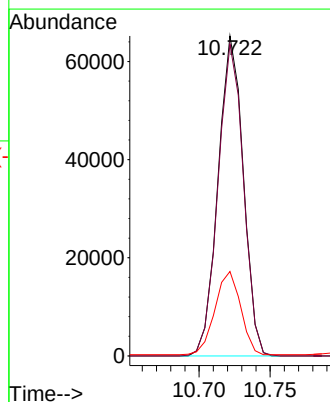
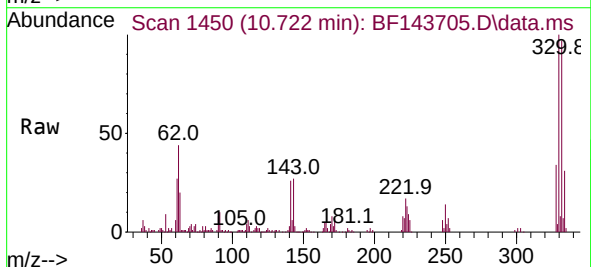
RT: 10.722 min Scan# 1450

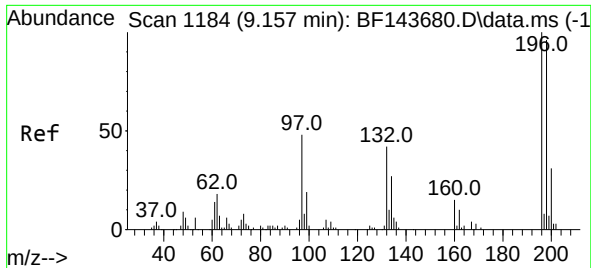
Delta R.T. 0.012 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

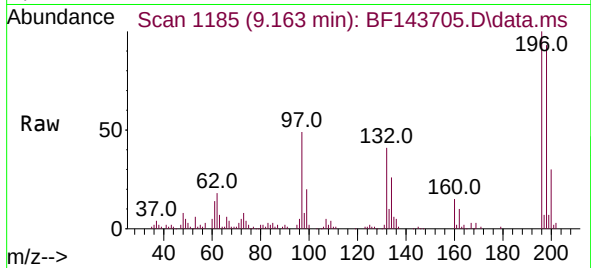
Tgt Ion:	330	Resp:	80657
Ion Ratio	Lower	Upper	
330	100		
332	97.9	79.2	118.8
141	26.5	22.2	33.4





#43
2,4,6-Trichlorophenol
Concen: 49.353 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

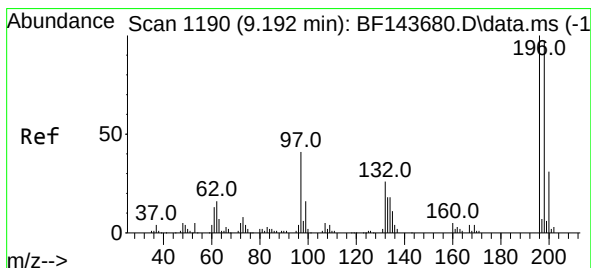
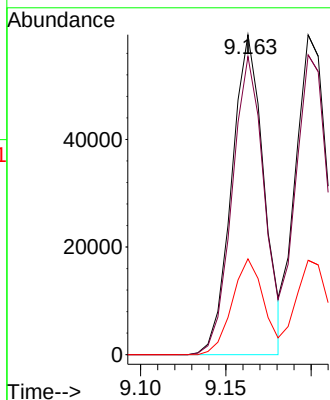
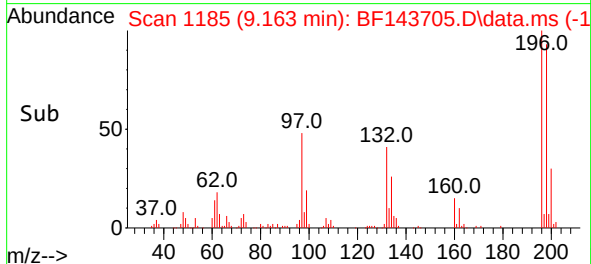
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



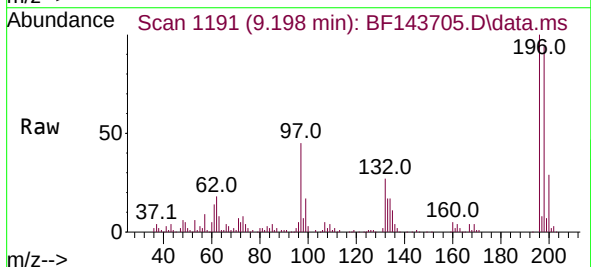
Tgt Ion:196 Resp: 77965
Ion Ratio Lower Upper
196 100
198 93.2 76.5 114.7
200 29.9 24.5 36.7

Manual Integrations
APPROVED

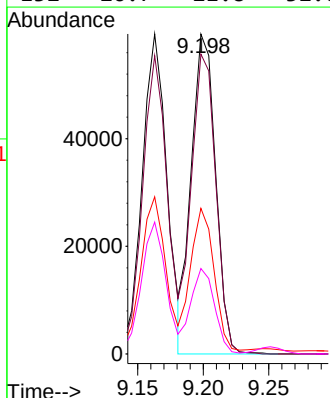
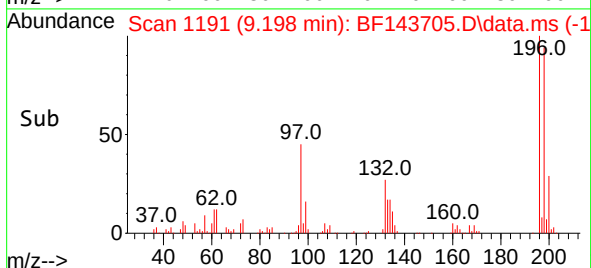
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

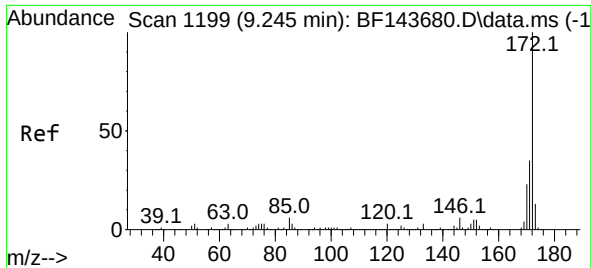


#44
2,4,5-Trichlorophenol
Concen: 47.676 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



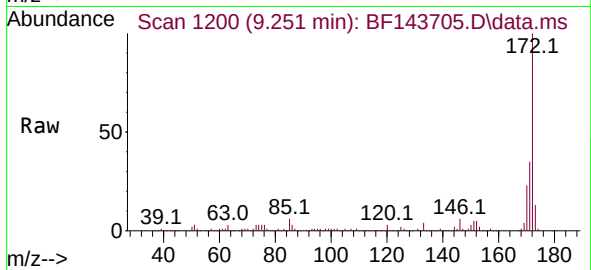
Tgt Ion:196 Resp: 76566
Ion Ratio Lower Upper
196 100
198 93.7 77.0 115.6
97 45.5 34.2 51.4
132 26.7 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 67.925 ng
RT: 9.251 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

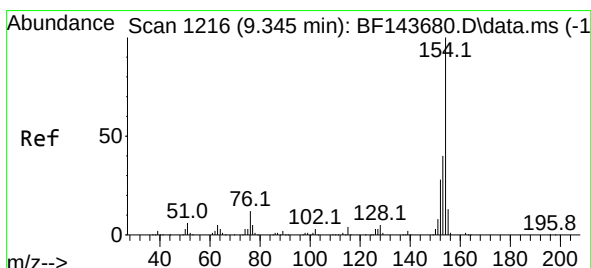
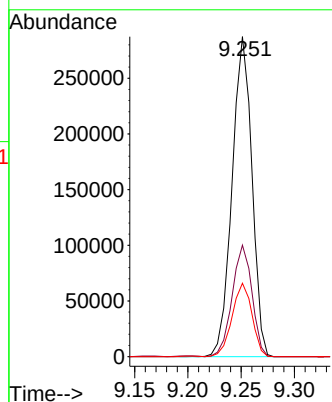
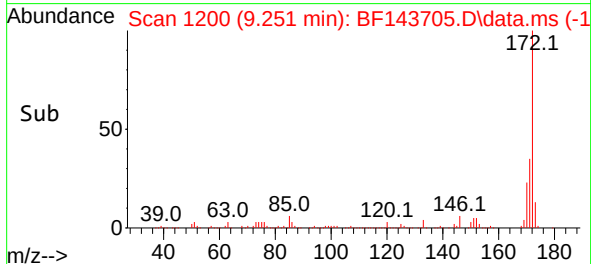
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



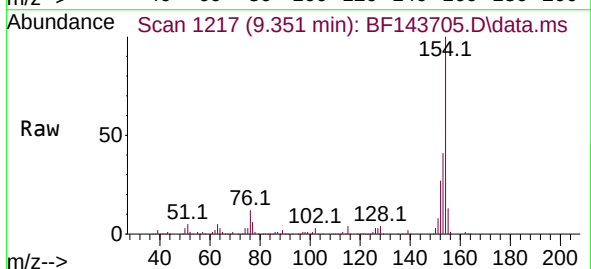
Tgt Ion:172 Resp: 37158
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 22.9 18.6 27.8

Manual Integrations
APPROVED

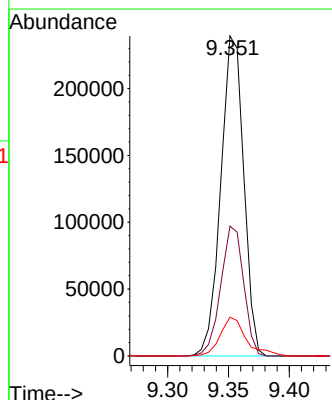
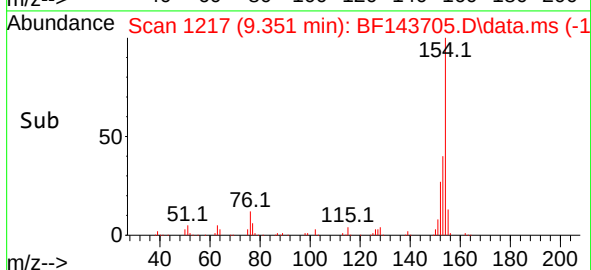
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

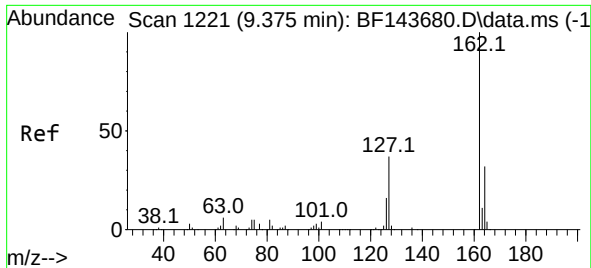


#46
1,1'-Biphenyl
Concen: 52.849 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion:154 Resp: 314412
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 12.1 0.0 31.6





#47

2-Chloronaphthalene

Concen: 46.668 ng

RT: 9.381 min Scan# 1222

Delta R.T. 0.006 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

VNJ-258MS

Tgt Ion:162 Resp: 217656

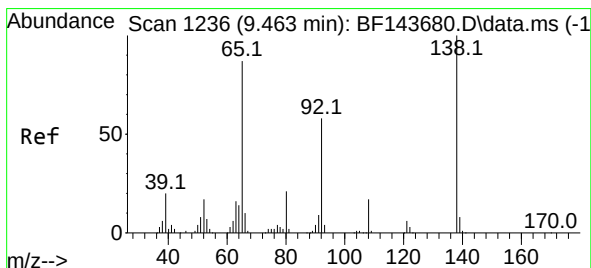
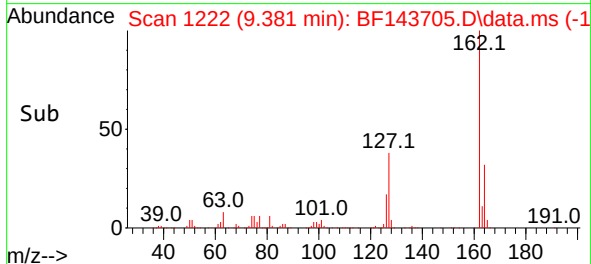
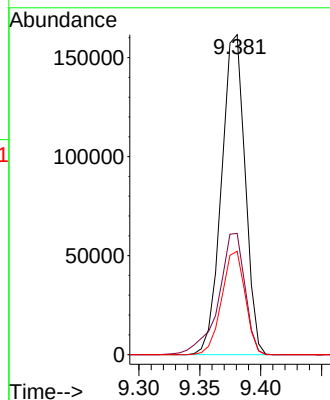
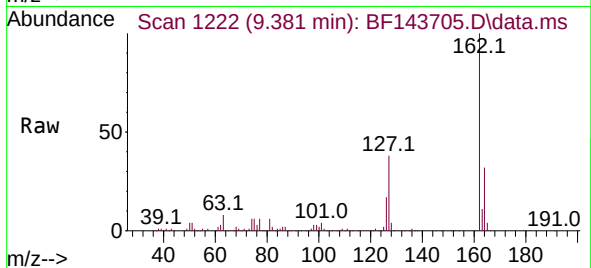
Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.6	45.8
164	32.3	25.8	38.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 49.151 ng

RT: 9.469 min Scan# 1237

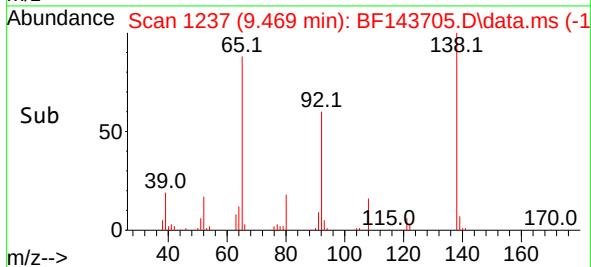
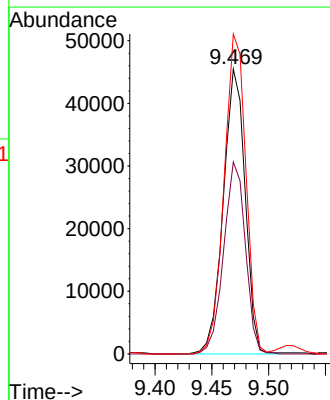
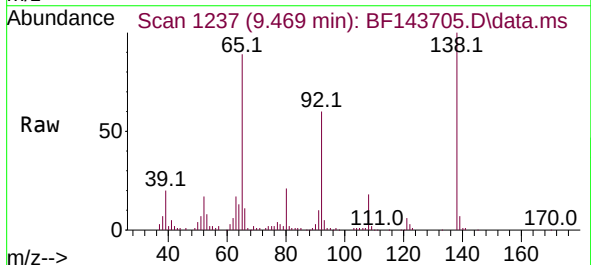
Delta R.T. 0.006 min

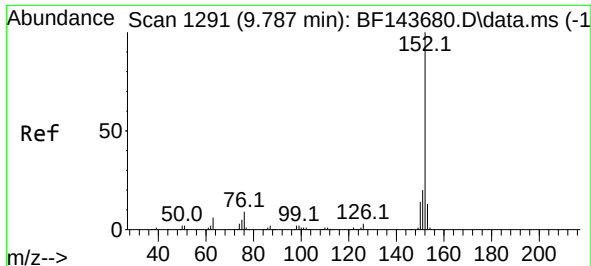
Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Tgt Ion: 65 Resp: 60665

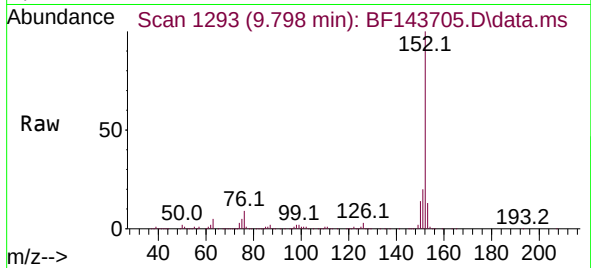
Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.3	79.9
138	112.3	92.1	138.1





#49
Acenaphthylene
Concen: 55.507 ng
RT: 9.798 min Scan# 1293
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

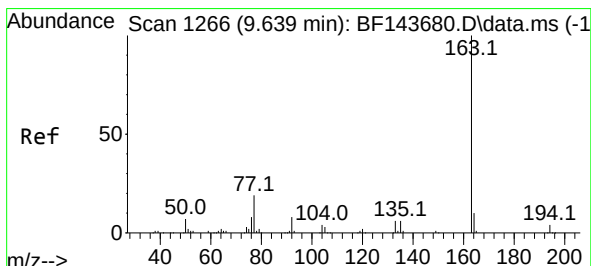
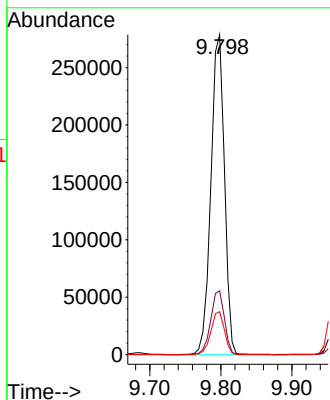
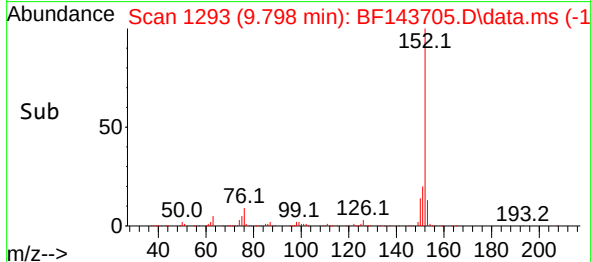
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



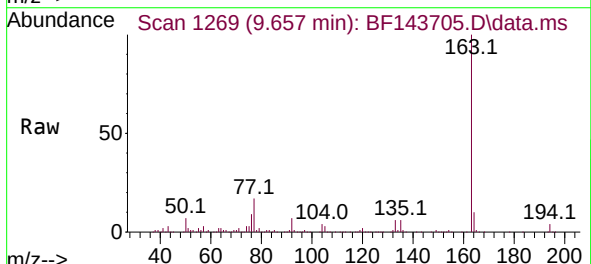
Tgt Ion:152 Resp: 370830
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.4 10.4 15.6

Manual Integrations
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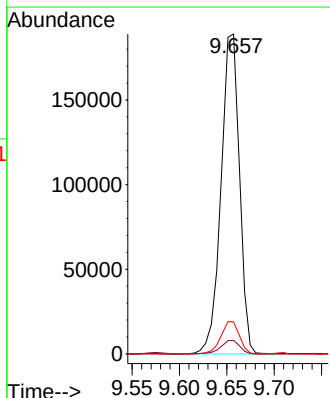
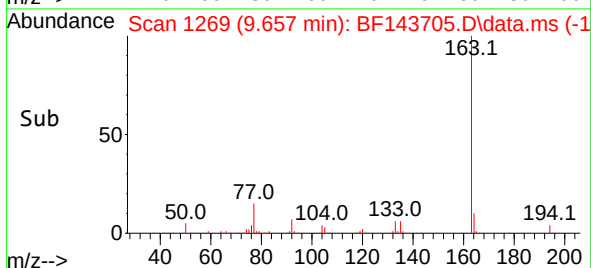
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

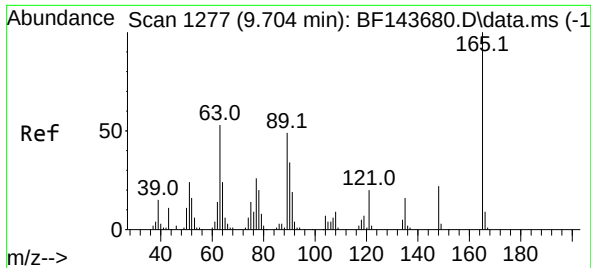


#50
Dimethylphthalate
Concen: 47.599 ng
RT: 9.657 min Scan# 1269
Delta R.T. 0.018 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



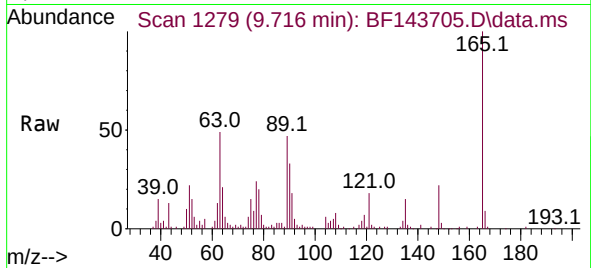
Tgt Ion:163 Resp: 255923
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 52.164 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

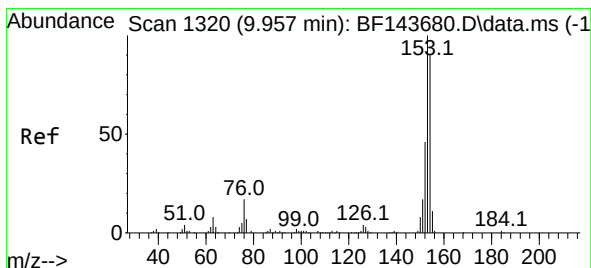
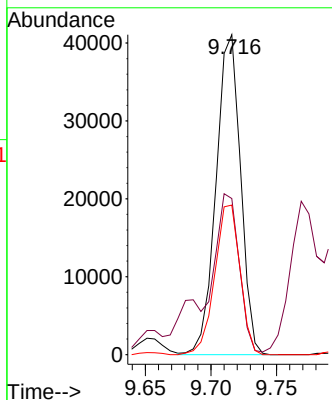
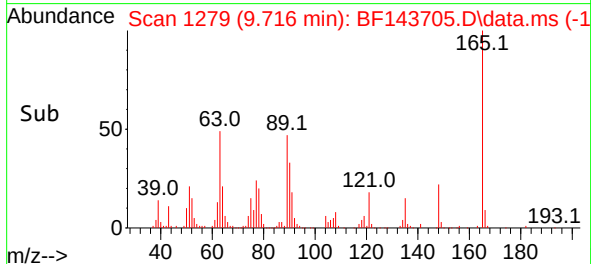
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



Tgt Ion:165 Resp: 53624
Ion Ratio Lower Upper
165 100
63 48.8 42.2 63.4
89 46.7 39.3 58.9

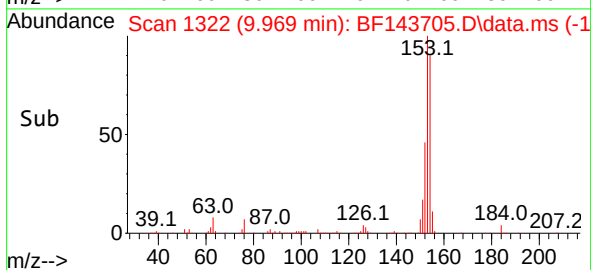
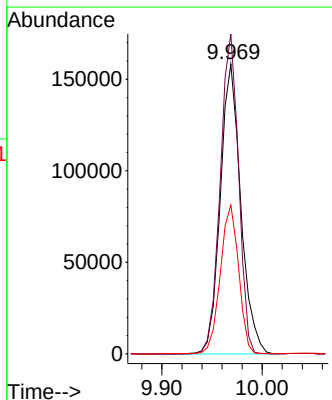
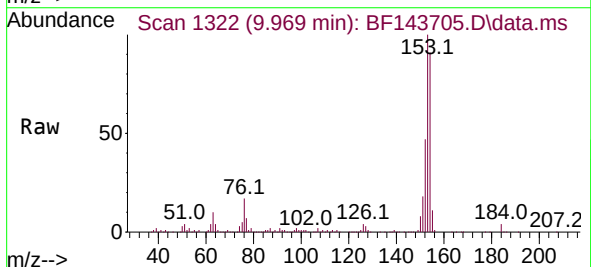
Manual Integrations
APPROVED

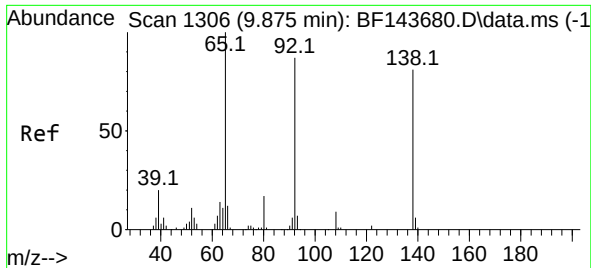
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 48.943 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Tgt Ion:154 Resp: 225317
Ion Ratio Lower Upper
154 100
153 110.4 89.4 134.0
152 51.4 41.2 61.8





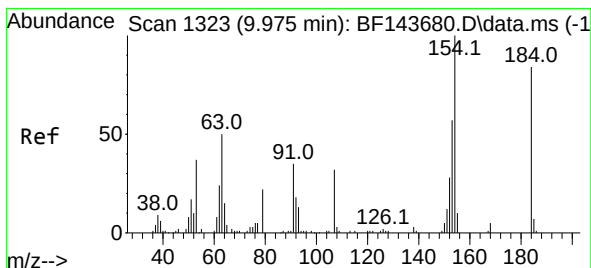
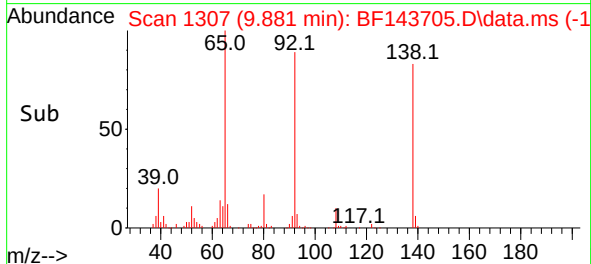
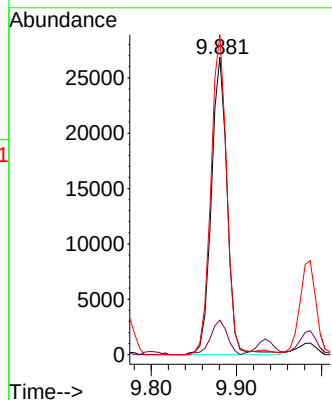
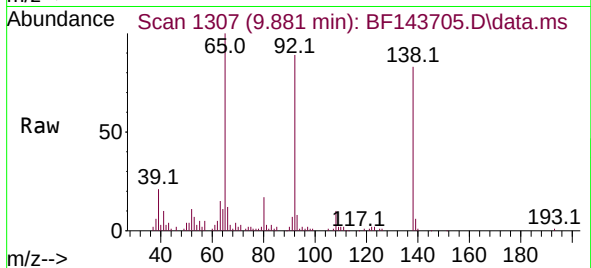
#53
3-Nitroaniline
Concen: 31.237 ng
RT: 9.881 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :
BNA_F
ClientSampleId :
VNJ-258MS

Tgt Ion:138 Resp: 3455
Ion Ratio Lower Upper
138 100
108 11.6 8.6 12.8
92 107.6 85.5 128.3

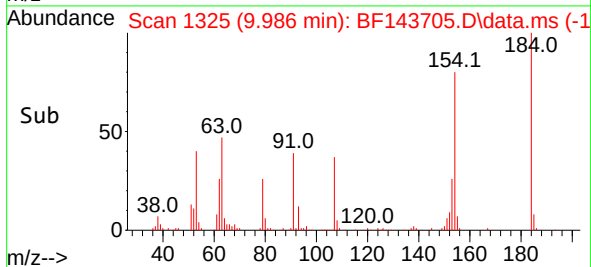
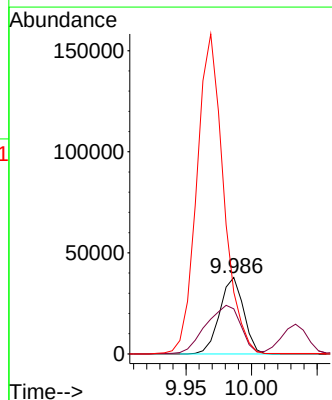
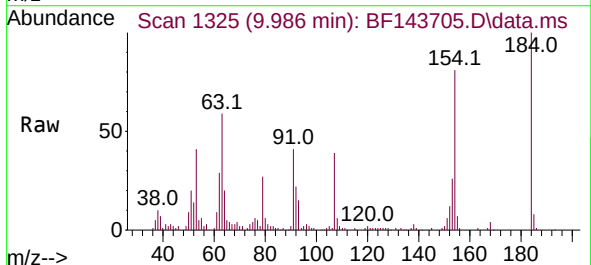
Manual Integrations
APPROVED

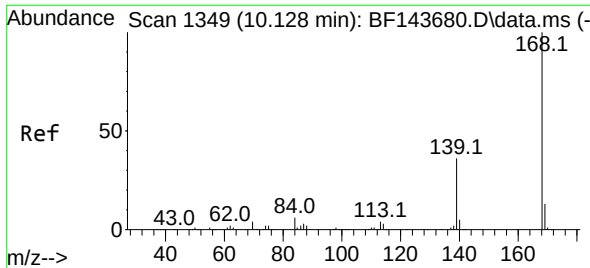
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#54
2,4-Dinitrophenol
Concen: 86.166 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

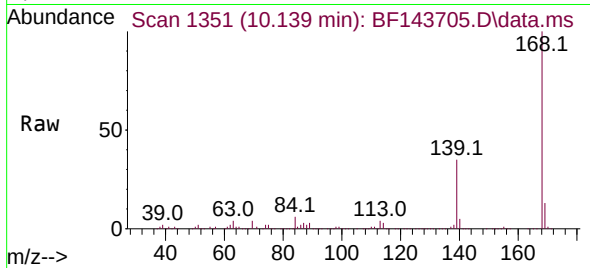
Tgt Ion:184 Resp: 47909
Ion Ratio Lower Upper
184 100
63 59.0 52.7 79.1
154 80.7 136.6 204.8#





#55
Dibenzofuran
Concen: 45.864 ng
RT: 10.139 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

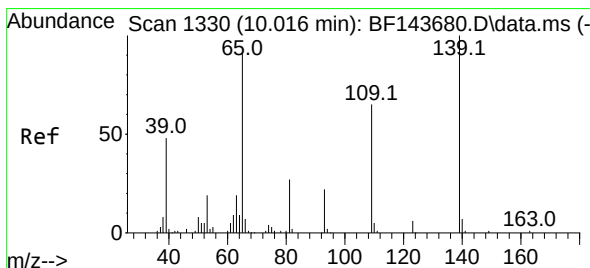
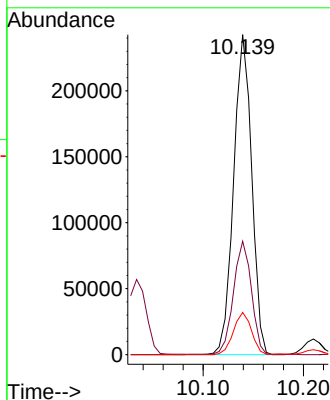
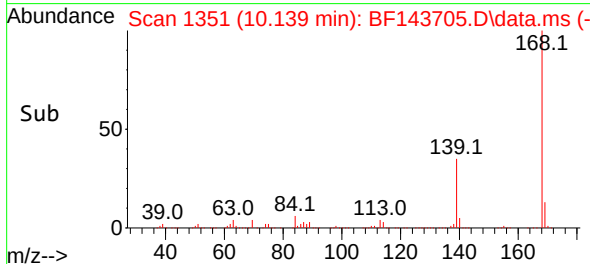
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



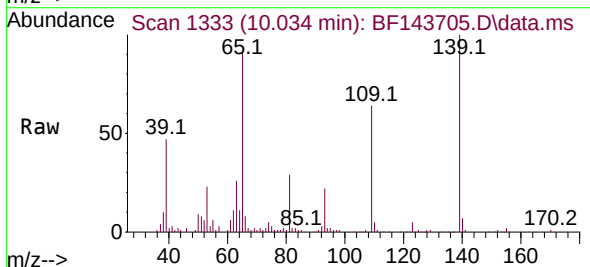
Tgt Ion:168 Resp: 303616
Ion Ratio Lower Upper
168 100
139 35.4 29.0 43.4
169 13.2 10.8 16.2

Manual Integrations
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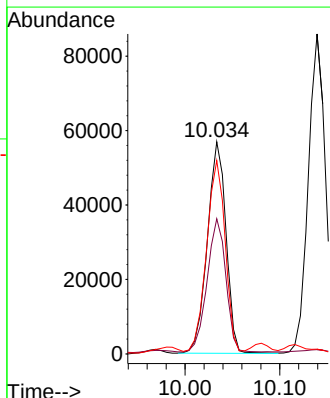
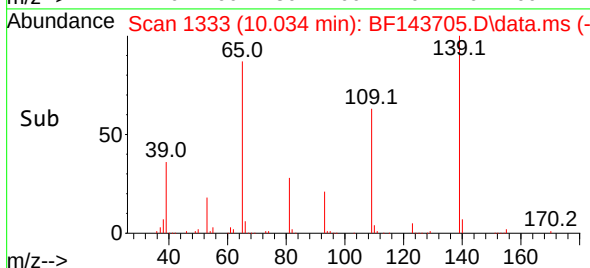
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

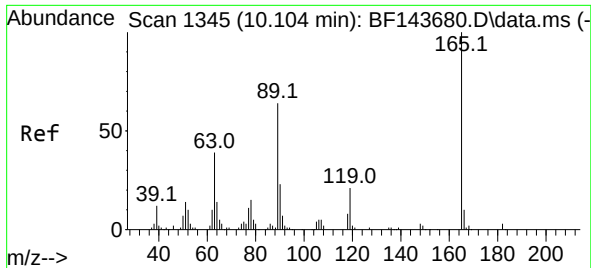


#56
4-Nitrophenol
Concen: 88.616 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.018 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



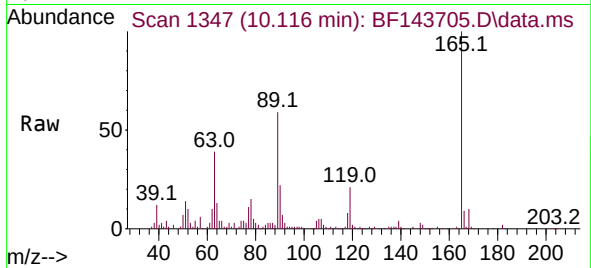
Tgt Ion:139 Resp: 77994
Ion Ratio Lower Upper
139 100
109 63.7 45.2 85.2
65 91.1 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 51.044 ng
RT: 10.116 min Scan# 1345
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

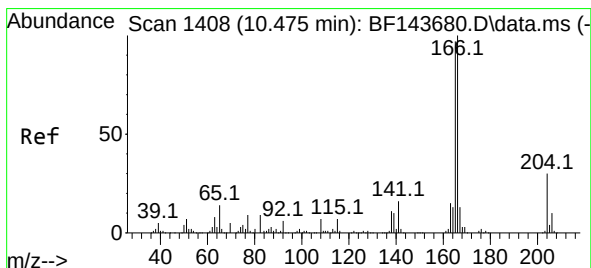
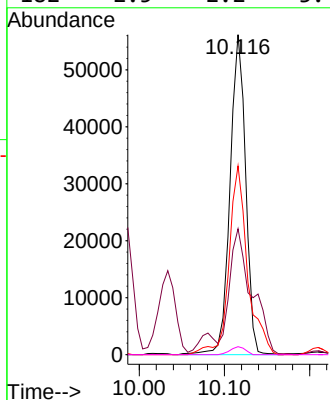
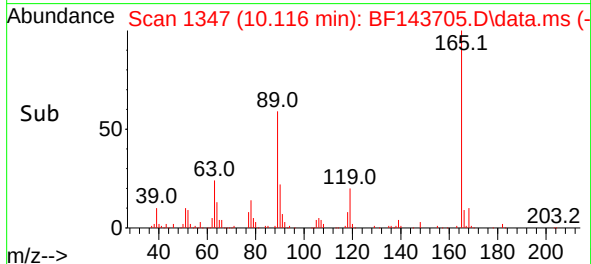
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



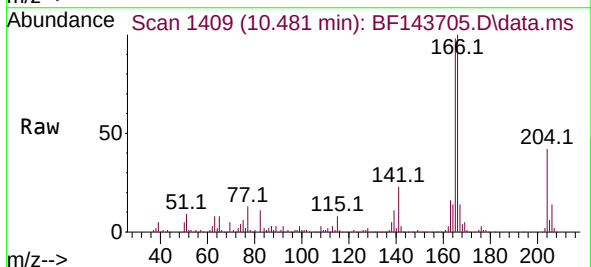
Tgt Ion:165 Resp: 71416
Ion Ratio Lower Upper
165 100
63 39.3 31.5 47.3
89 59.0 51.3 76.9
182 2.5 2.2 3.4

Manual Integrations
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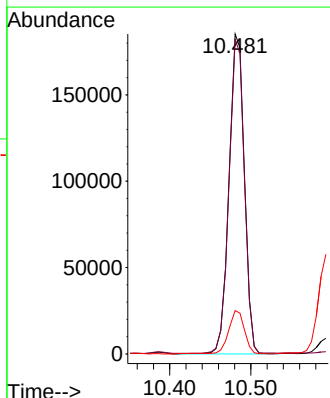
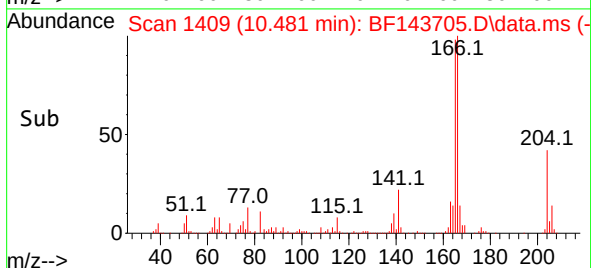
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

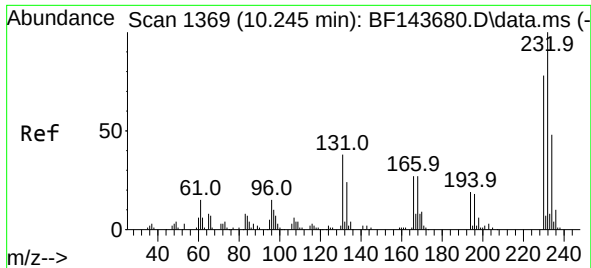


#58
Fluorene
Concen: 47.116 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



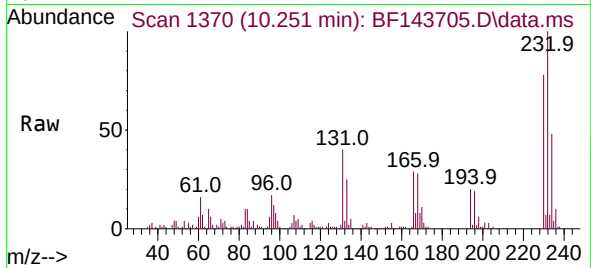
Tgt Ion:166 Resp: 244151
Ion Ratio Lower Upper
166 100
165 98.2 77.5 116.3
167 13.5 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.844 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

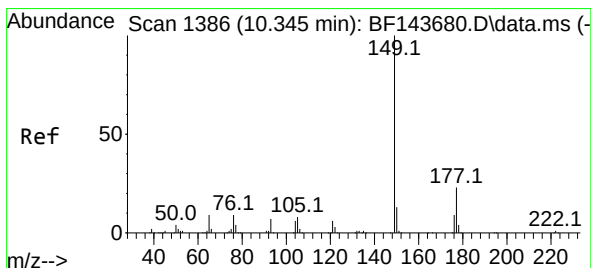
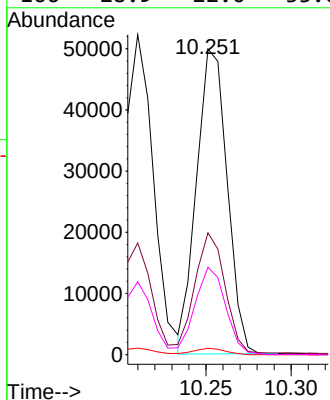
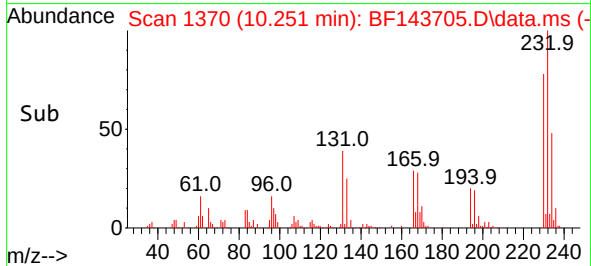
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



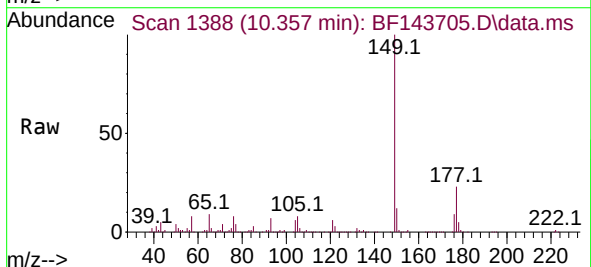
Tgt Ion:232 Resp: 62302
Ion Ratio Lower Upper
232 100
131 40.5 31.9 47.9
130 2.1 1.4 2.0
166 28.9 22.0 33.0

Manual Integrations
APPROVED

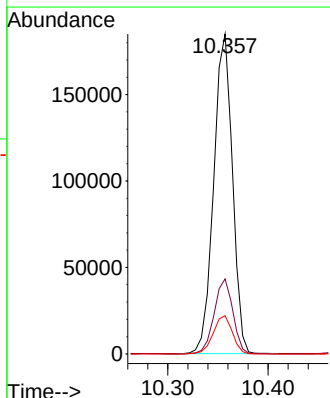
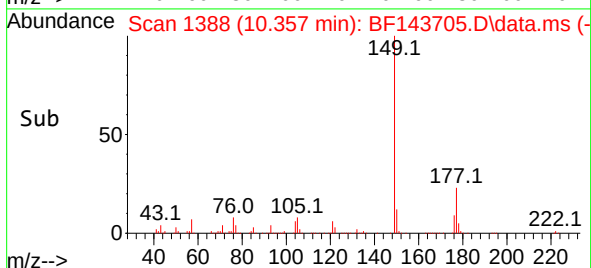
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

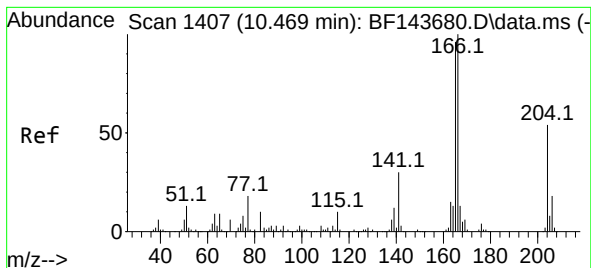


#60
Diethylphthalate
Concen: 47.570 ng
RT: 10.357 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion:149 Resp: 240120
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 11.9 10.0 15.0





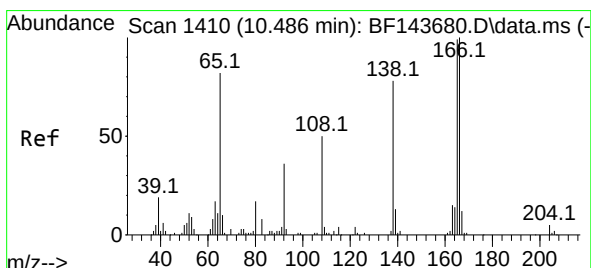
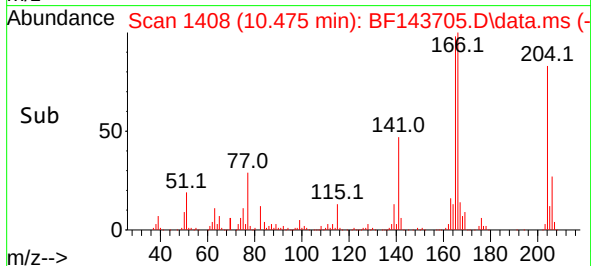
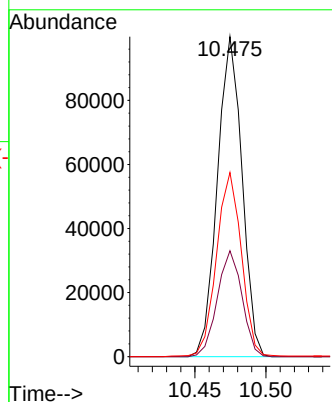
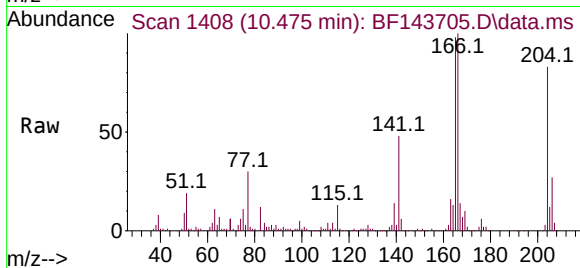
#61
4-Chlorophenyl-phenylether
Concen: 45.811 ng
RT: 10.475 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :
BNA_F
ClientSampleId :
VNJ-258MS

Tgt Ion:204 Resp: 120394
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 57.5 44.8 67.2

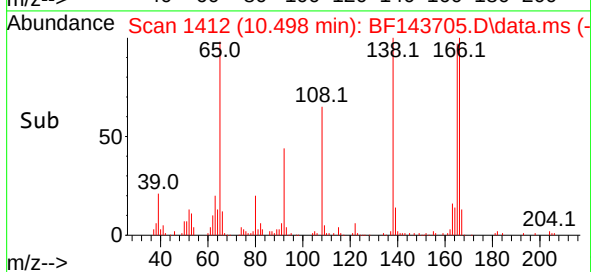
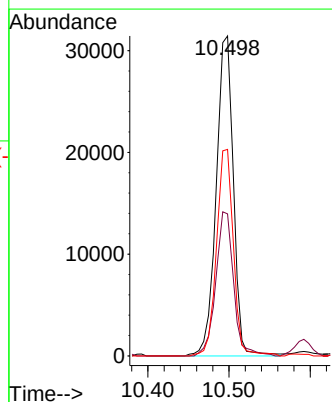
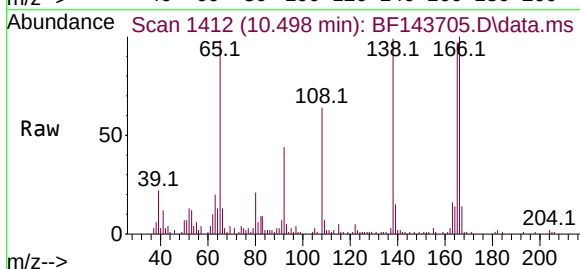
Manual Integrations
APPROVED

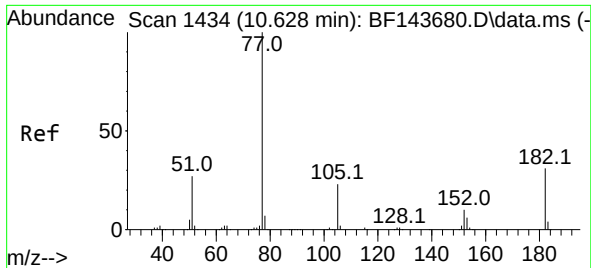
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 44.069 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

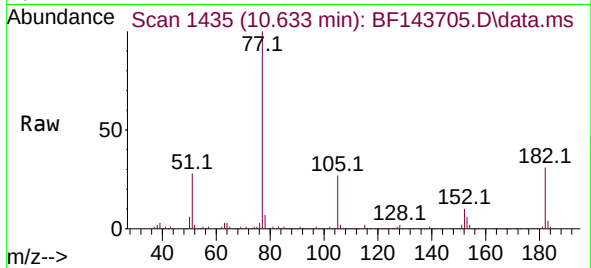
Tgt Ion:138 Resp: 46175
Ion Ratio Lower Upper
138 100
92 44.4 26.4 66.4
108 64.5 44.3 84.3





#63
Azobenzene
Concen: 49.294 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

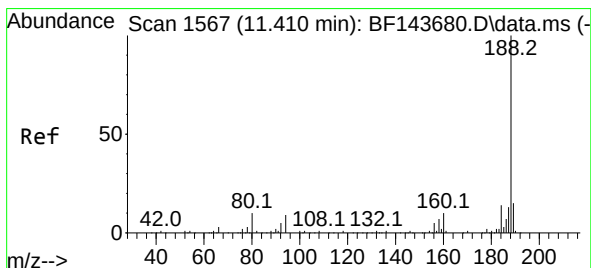
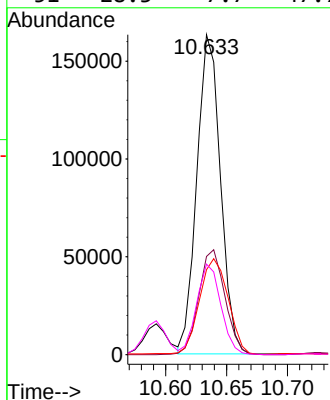
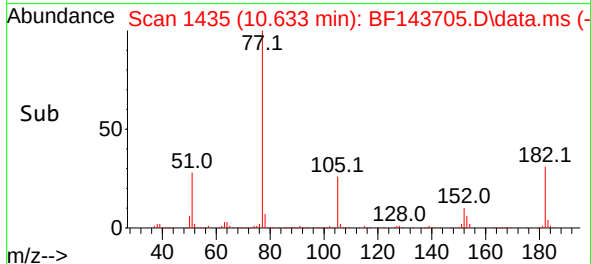
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



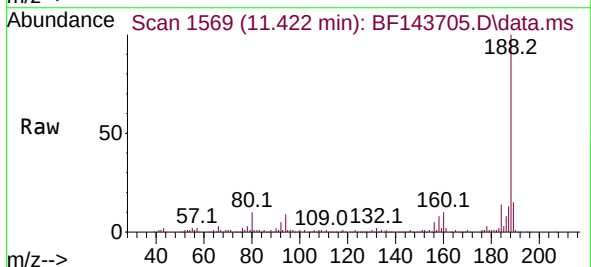
Tgt Ion: 77 Resp: 219974
Ion Ratio Lower Upper
77 100
182 30.7 10.8 50.8
105 26.5 3.2 43.2
51 28.3 7.7 47.7

Manual Integrations
APPROVED

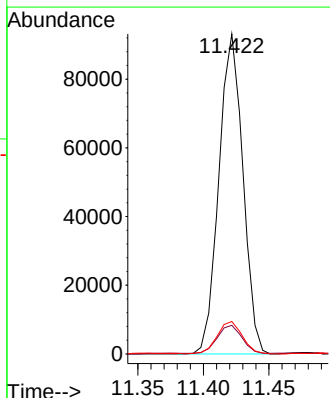
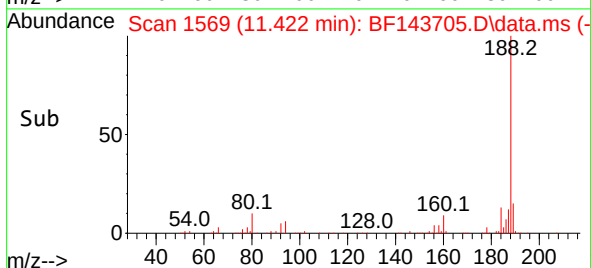
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

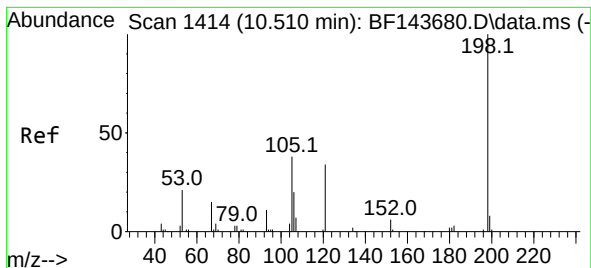


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion:188 Resp: 118815
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 10.1 7.7 11.5





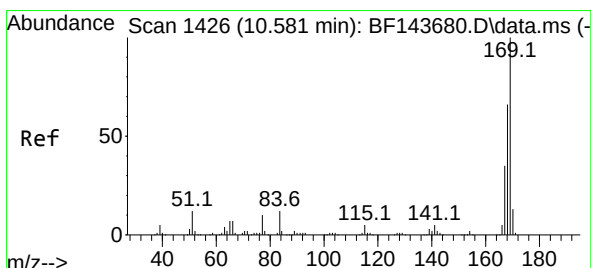
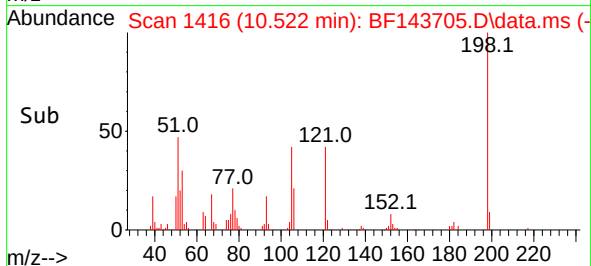
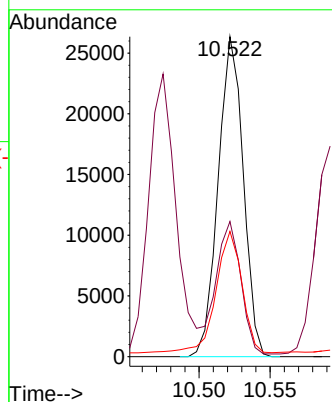
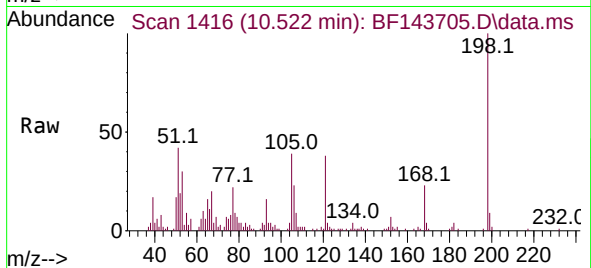
#65
4,6-Dinitro-2-methylphenol
Concen: 53.494 ng
RT: 10.522 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :
BNA_F
ClientSampleId :
VNJ-258MS

Tgt Ion:198 Resp: 32360
Ion Ratio Lower Upper
198 100
51 42.2 21.2 61.2
105 39.1 19.0 59.0

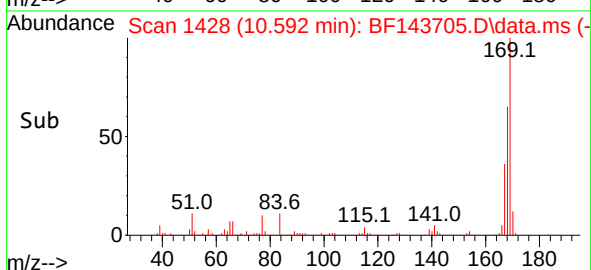
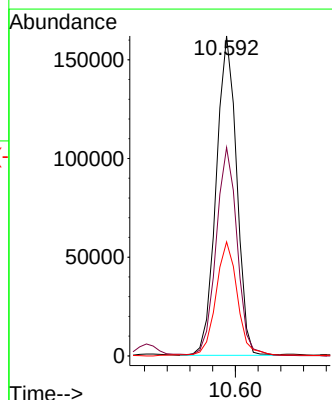
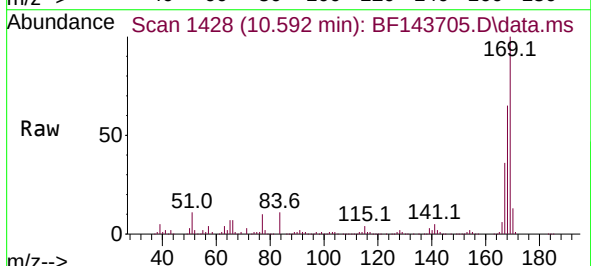
Manual Integrations
APPROVED

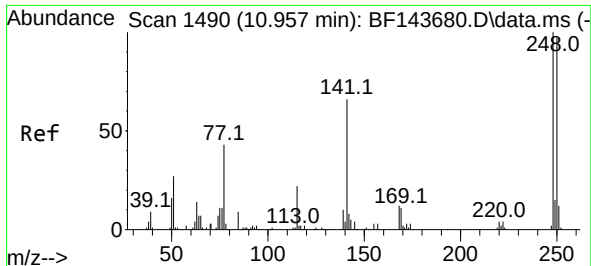
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#66
n-Nitrosodiphenylamine
Concen: 51.961 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

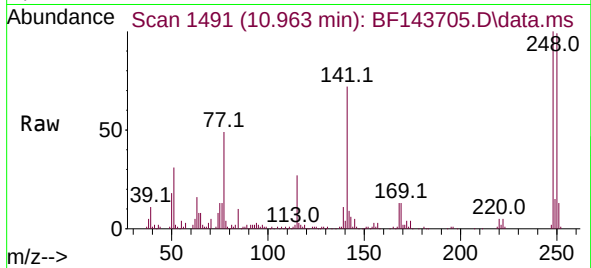
Tgt Ion:169 Resp: 202251
Ion Ratio Lower Upper
169 100
168 65.1 53.0 79.6
167 35.6 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 49.082 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

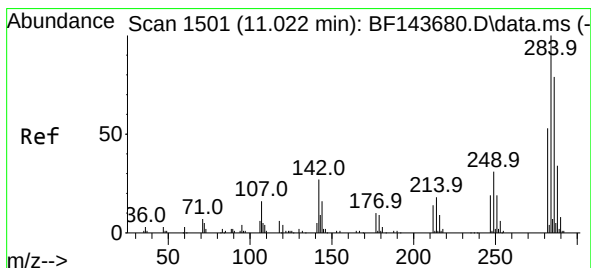
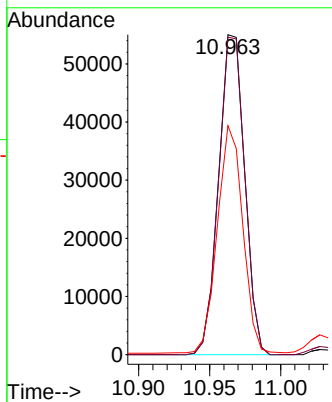
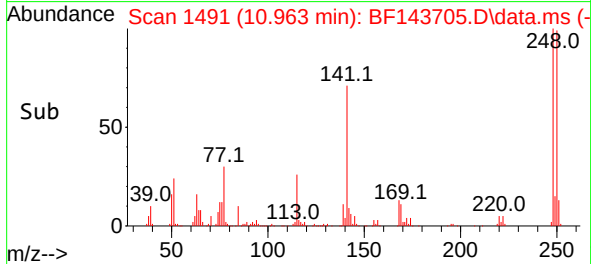
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



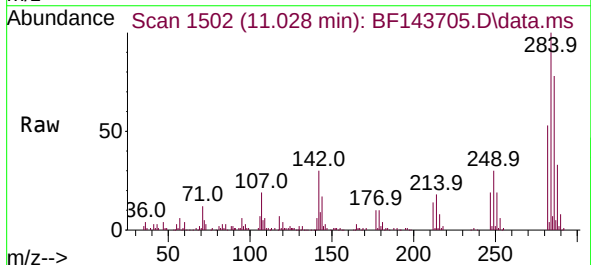
Tgt Ion:248 Resp: 70324
Ion Ratio Lower Upper
248 100
250 99.2 77.5 116.3
141 71.5 52.6 79.0

Manual Integrations
APPROVED

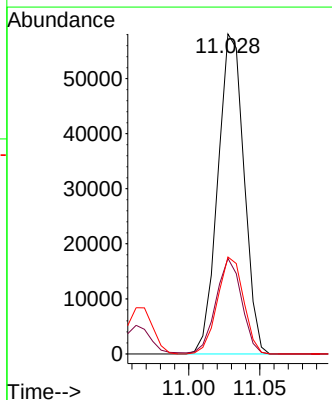
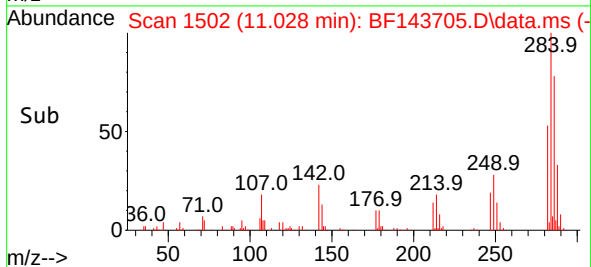
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

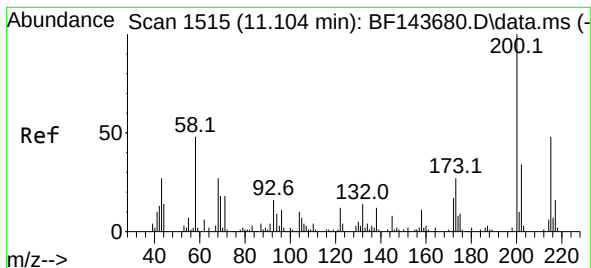


#68
Hexachlorobenzene
Concen: 49.214 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion:284 Resp: 74455
Ion Ratio Lower Upper
284 100
142 29.8 21.3 31.9
249 30.3 25.0 37.4





#69

Atrazine

Concen: 50.638 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

VNJ-258MS

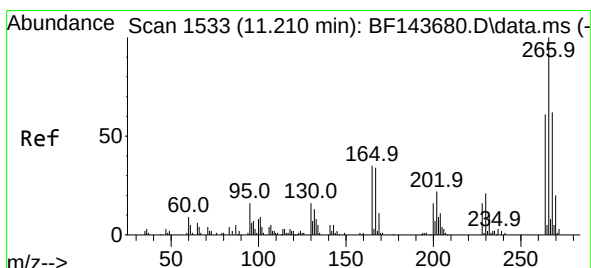
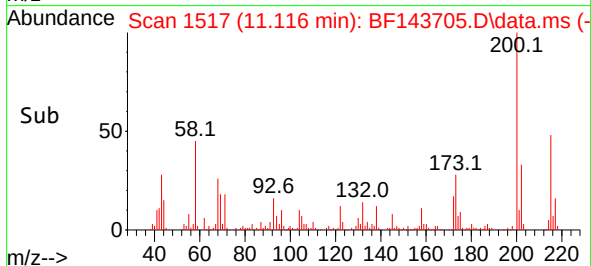
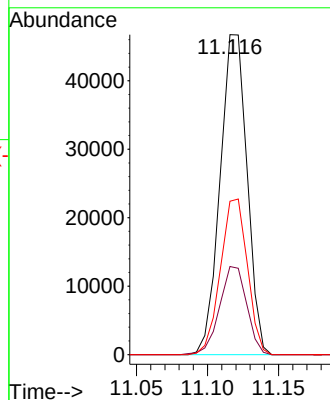
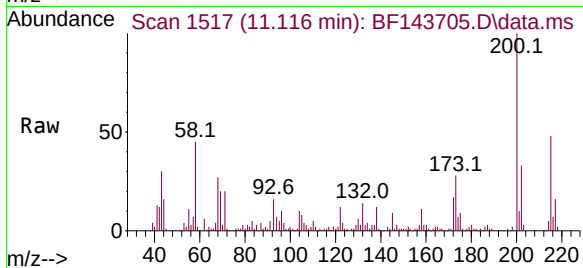
Tgt Ion:200 Resp: 61800
 Ion Ratio Lower Upper
 200 100
 173 27.5 7.3 47.3
 215 47.9 28.5 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#70

Pentachlorophenol

Concen: 115.060 ng

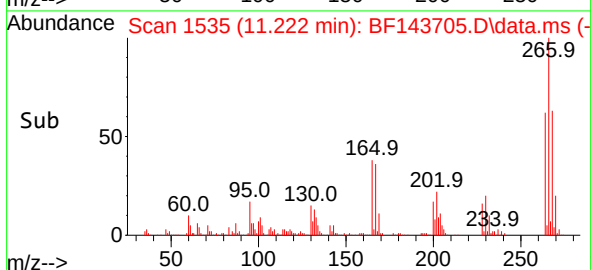
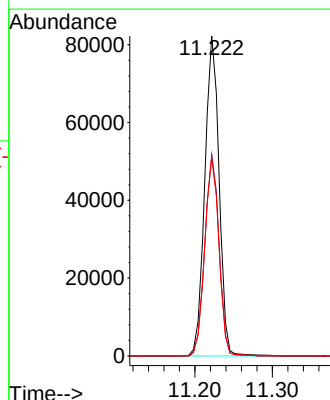
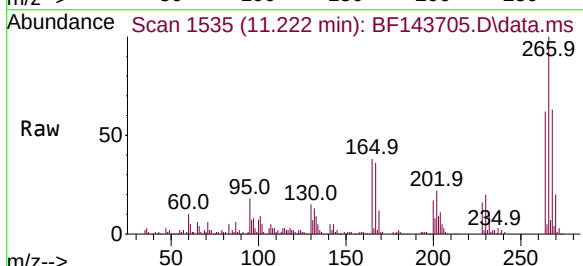
RT: 11.222 min Scan# 1535

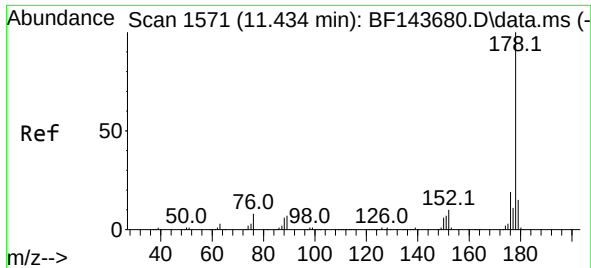
Delta R.T. 0.012 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

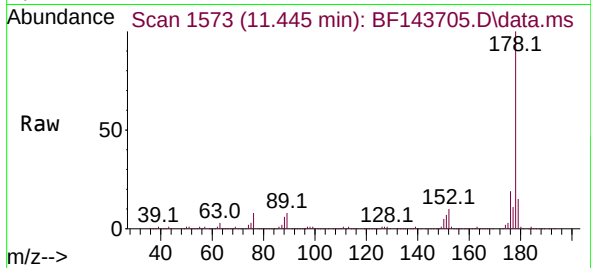
Tgt Ion:266 Resp: 105228
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.2 73.8
 264 61.9 48.6 73.0





#71
Phenanthrene
Concen: 52.202 ng
RT: 11.445 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

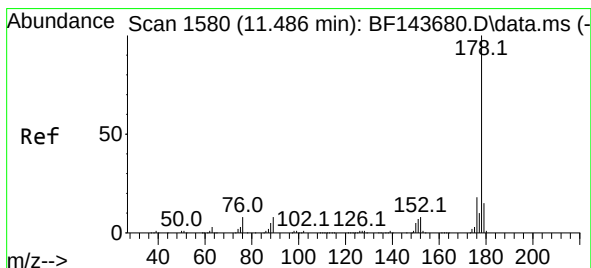
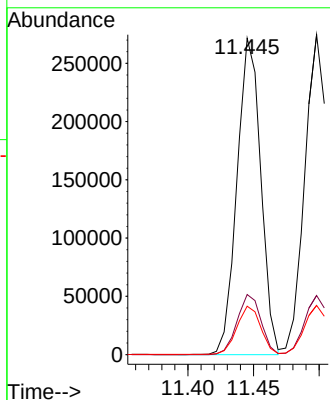
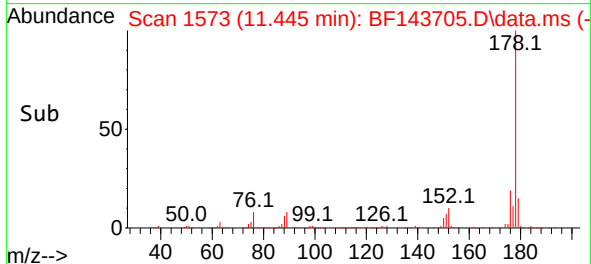
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



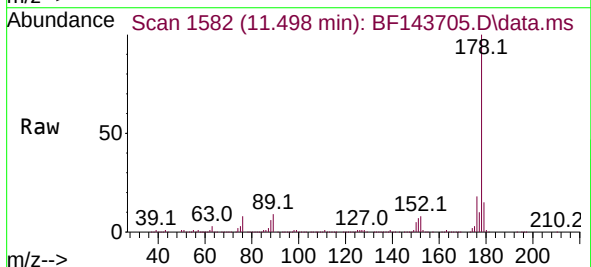
Tgt Ion:178 Resp: 341731
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.3 12.2 18.2

Manual Integrations
APPROVED

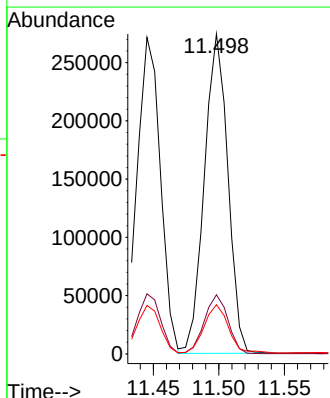
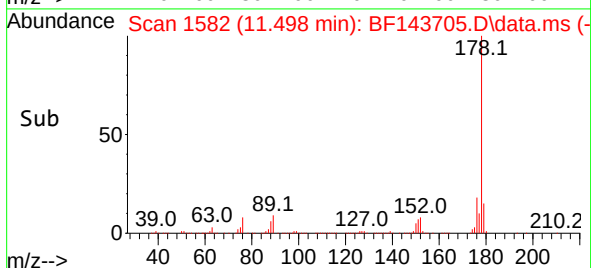
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

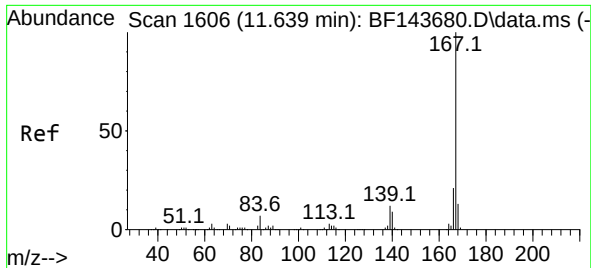


#72
Anthracene
Concen: 51.895 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



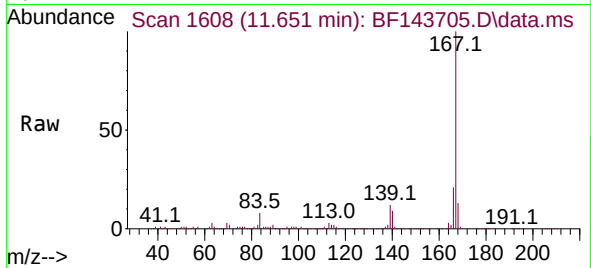
Tgt Ion:178 Resp: 341605
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 47.034 ng
 RT: 11.651 min Scan# 1608
 Delta R.T. 0.012 min
 Lab File: BF143705.D
 Acq: 11 Sep 2025 14:33

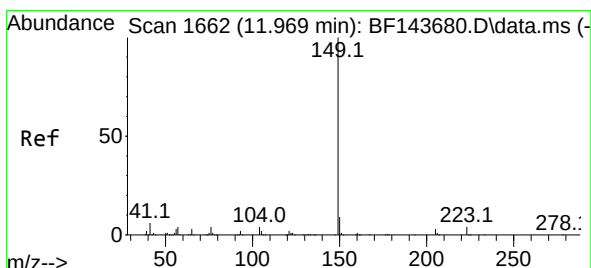
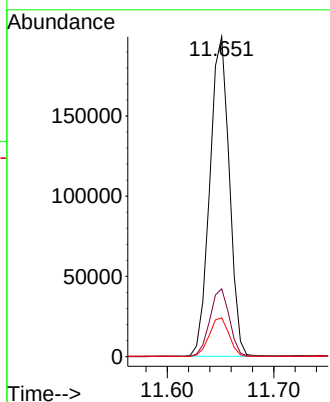
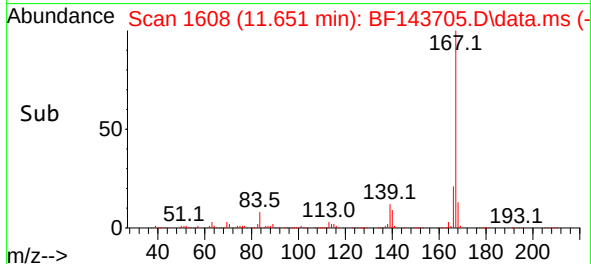
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MS



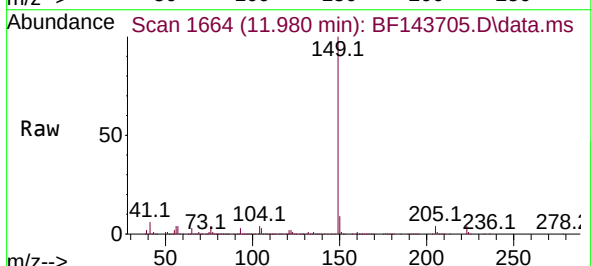
Tgt Ion:167 Resp: 253558
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.1 9.7 14.5

Manual Integrations
 APPROVED

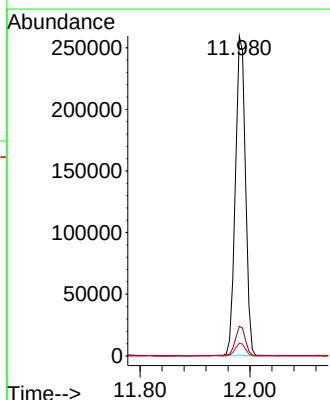
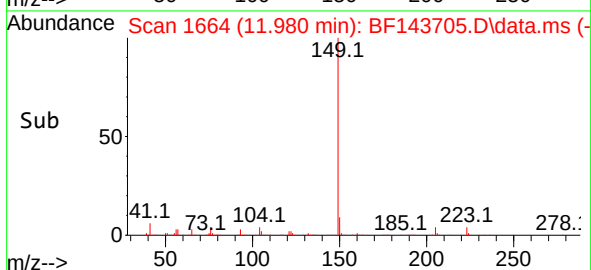
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

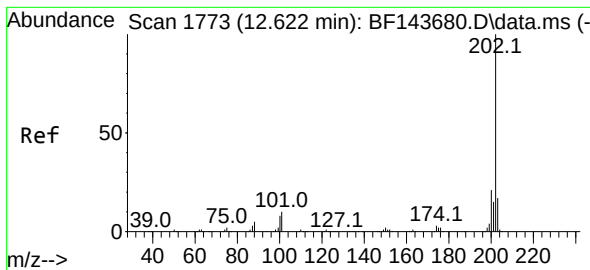


#74
 Di-n-butylphthalate
 Concen: 50.746 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. 0.012 min
 Lab File: BF143705.D
 Acq: 11 Sep 2025 14:33



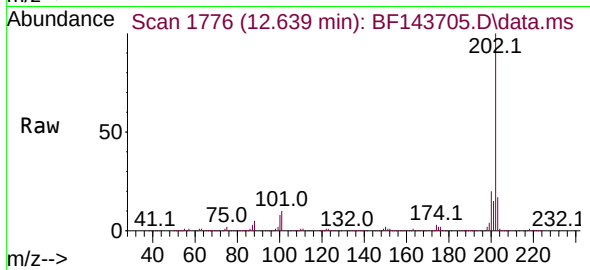
Tgt Ion:149 Resp: 329354
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.0 3.3 4.9





#75
Fluoranthene
Concen: 69.718 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

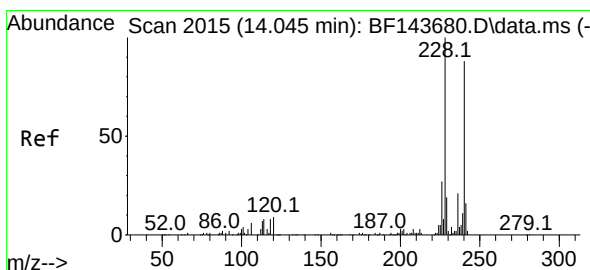
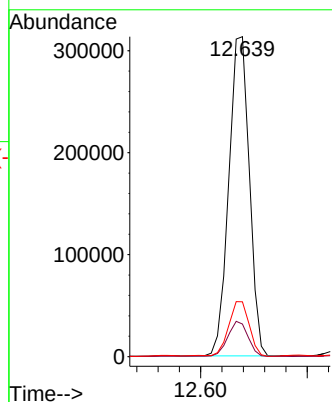
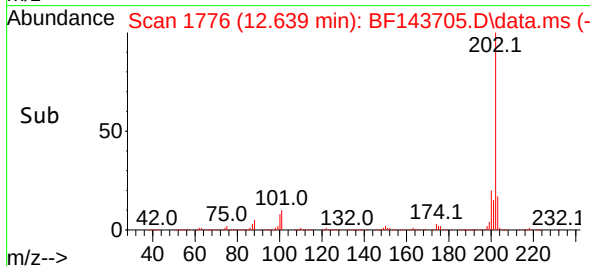
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



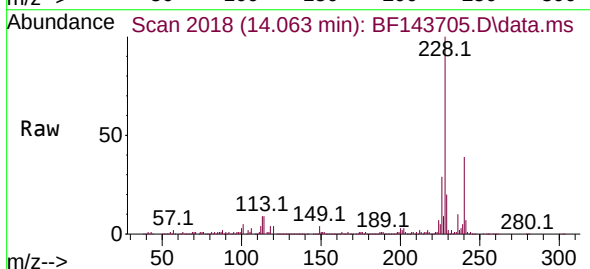
Tgt Ion:202 Resp: 418991
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.5
203 17.1 0.0 37.1

Manual Integrations
APPROVED

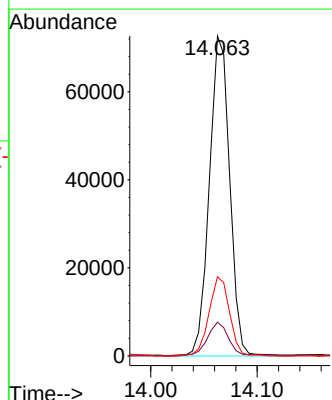
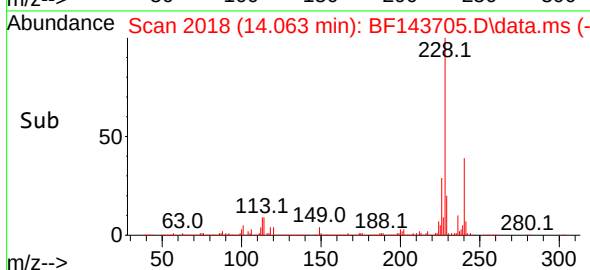
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

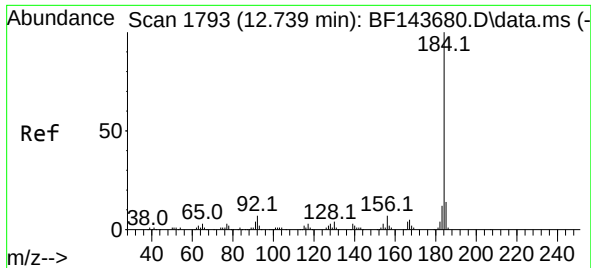


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion:240 Resp: 96375
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 24.7 18.6 28.0





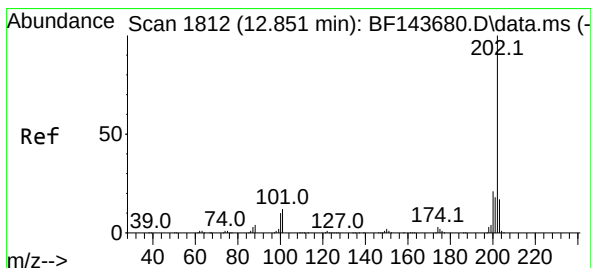
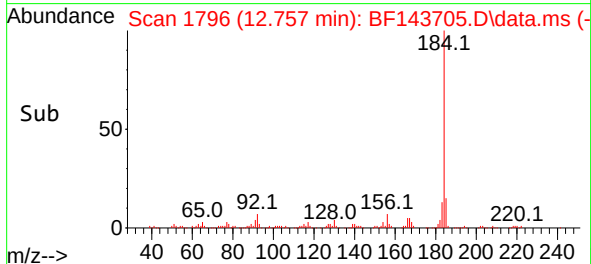
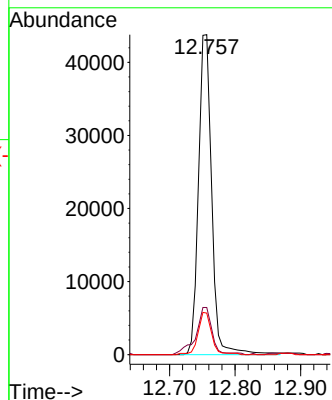
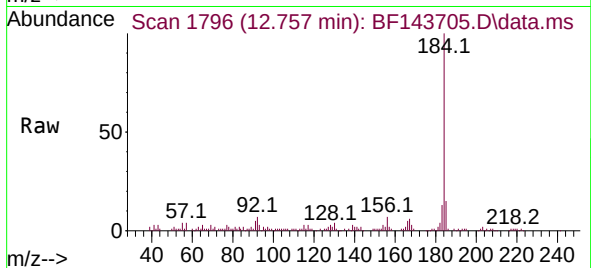
#77
Benzidine
Concen: 19.407 ng
RT: 12.757 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :
BNA_F
ClientSampleId :
VNJ-258MS

Tgt Ion:184 Resp: 60992
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 13.0 9.4 14.2

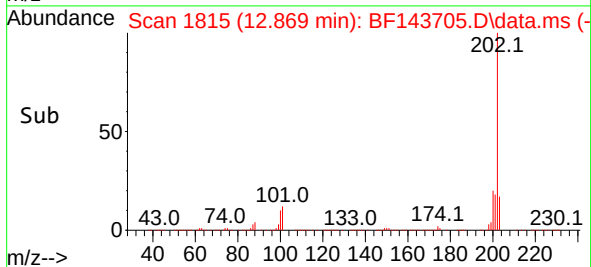
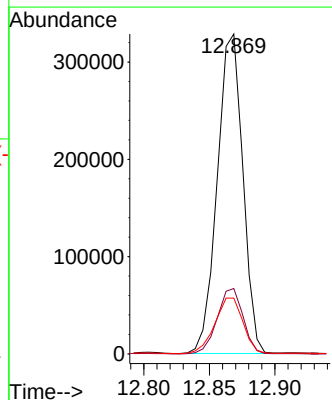
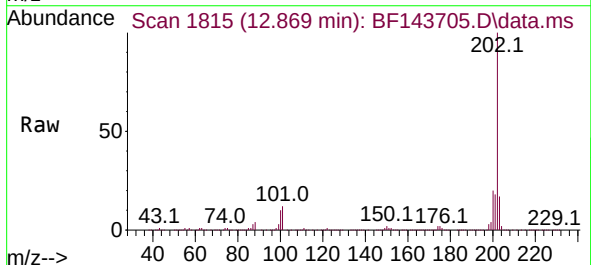
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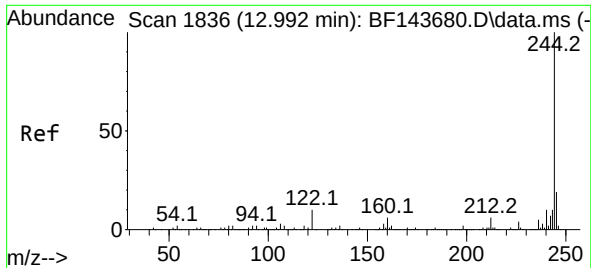
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#78
Pyrene
Concen: 58.021 ng
RT: 12.869 min Scan# 1815
Delta R.T. 0.018 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

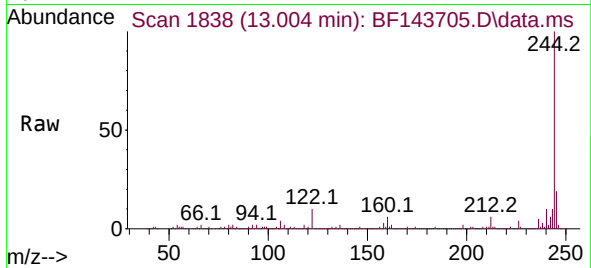
Tgt Ion:202 Resp: 447083
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.4 13.5 20.3





#79
 Terphenyl-d14
 Concen: 52.578 ng
 RT: 13.004 min Scan# 1836
 Delta R.T. 0.012 min
 Lab File: BF143705.D
 Acq: 11 Sep 2025 14:33

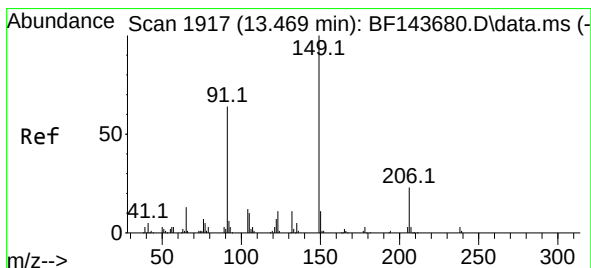
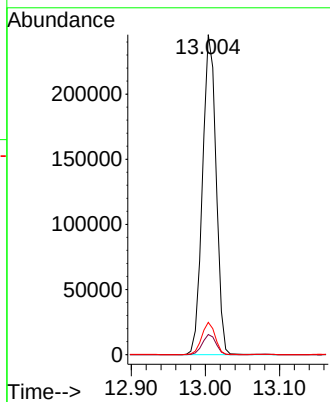
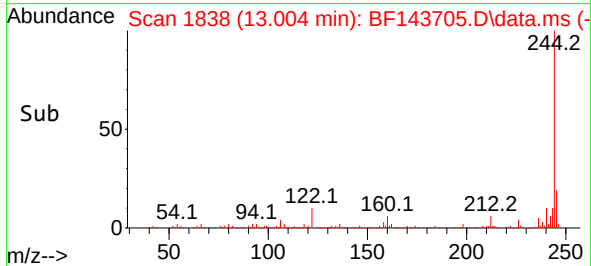
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-258MS



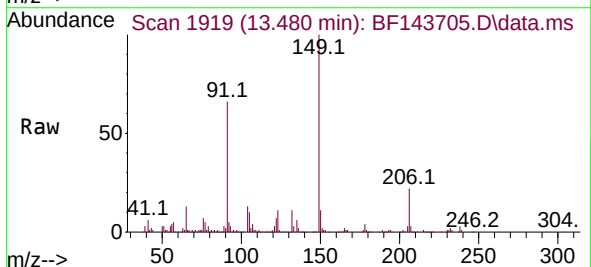
Tgt Ion:244 Resp: 312690
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 10.1 7.9 11.9

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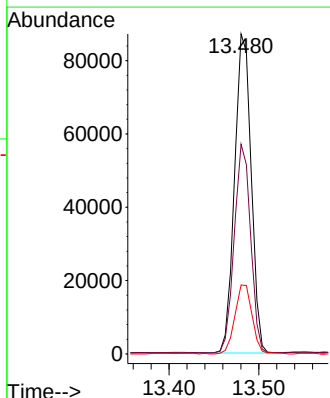
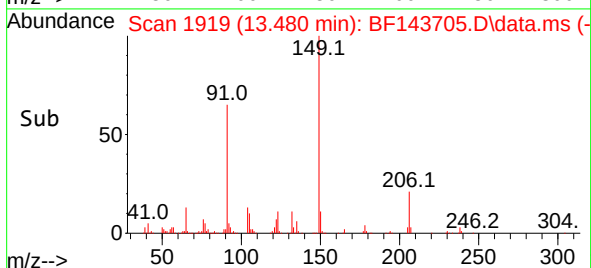
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

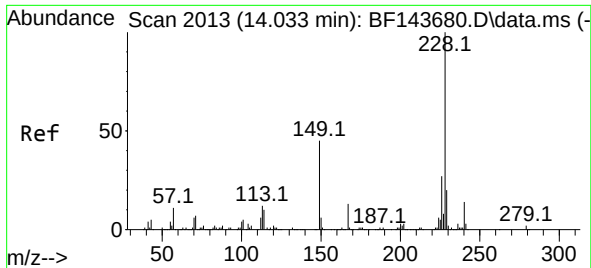


#80
 Butylbenzylphthalate
 Concen: 46.430 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.012 min
 Lab File: BF143705.D
 Acq: 11 Sep 2025 14:33



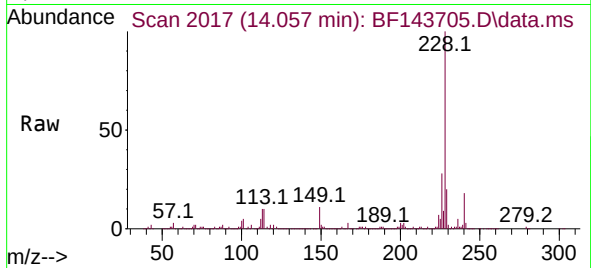
Tgt Ion:149 Resp: 112096
 Ion Ratio Lower Upper
 149 100
 91 65.6 50.9 76.3
 206 21.5 18.2 27.2





#81
Benzo(a)anthracene
Concen: 68.842 ng
RT: 14.057 min Scan# 2010
Delta R.T. 0.023 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

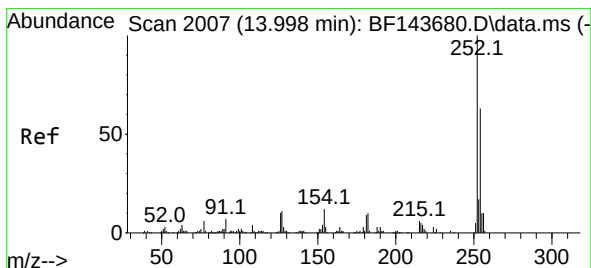
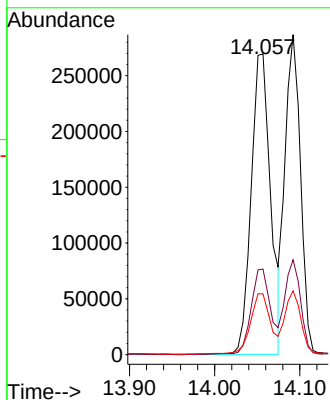
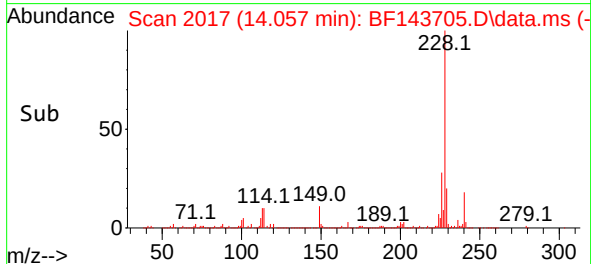
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



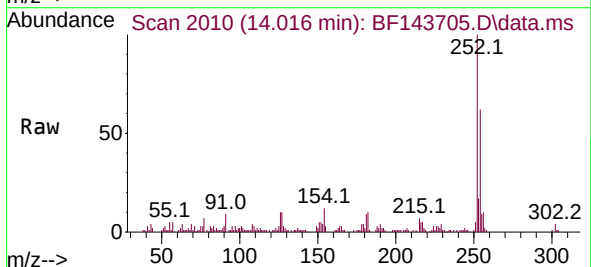
Tgt Ion:228 Resp: 426834
Ion Ratio Lower Upper
228 100
226 28.4 21.6 32.4
229 20.2 15.7 23.5

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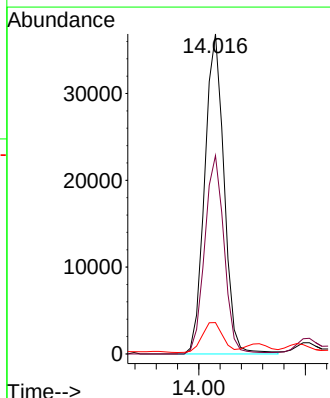
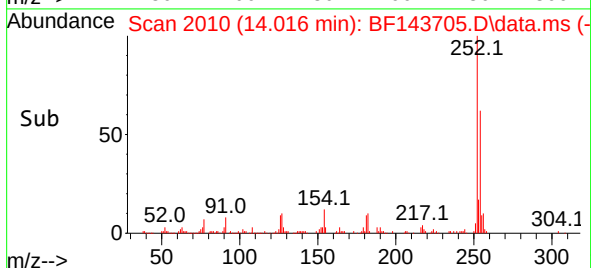
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

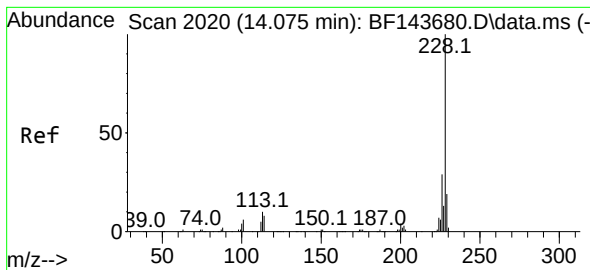


#82
3,3'-Dichlorobenzidine
Concen: 24.368 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion:252 Resp: 46480
Ion Ratio Lower Upper
252 100
254 62.0 50.5 75.7
126 9.8 8.2 12.4





#83

Chrysene

Concen: 63.491 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

VNJ-258MS

Tgt Ion:228 Resp: 360538

Ion Ratio Lower Upper

228 100

226 29.6 22.7 34.1

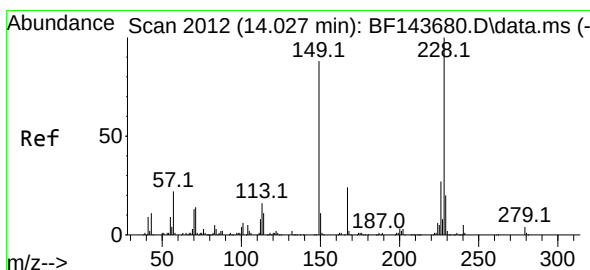
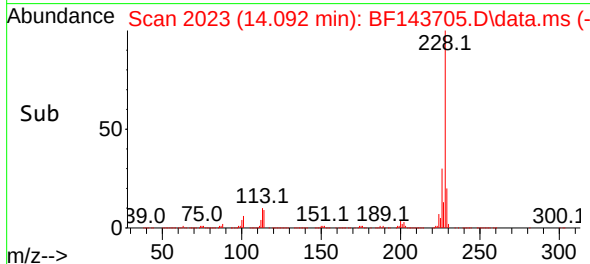
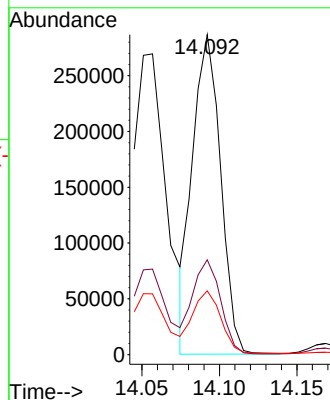
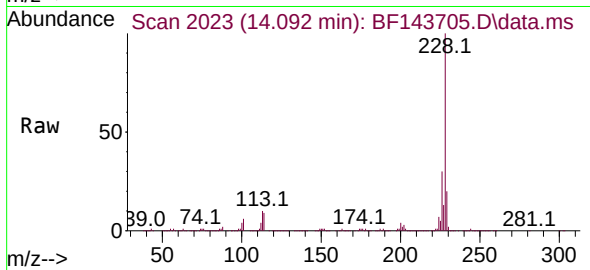
229 19.9 15.1 22.7

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.144 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.018 min

Lab File: BF143705.D

Acq: 11 Sep 2025 14:33

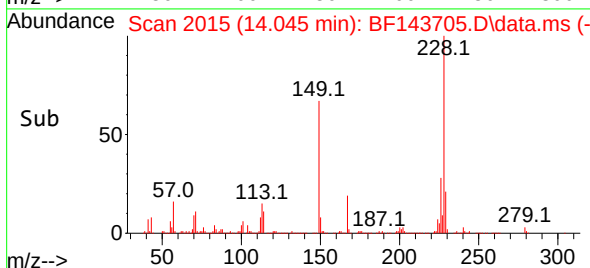
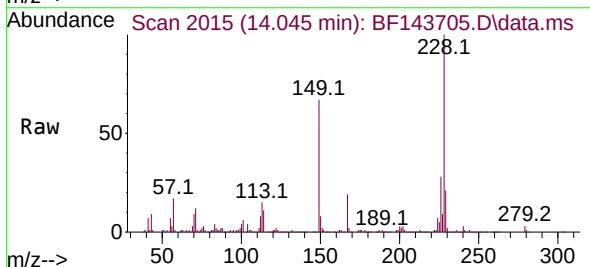
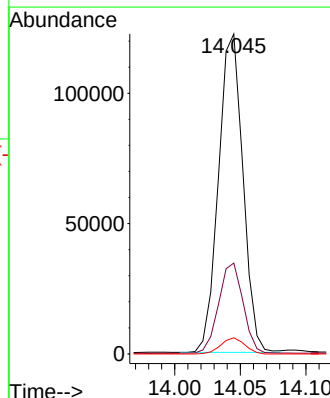
Tgt Ion:149 Resp: 158954

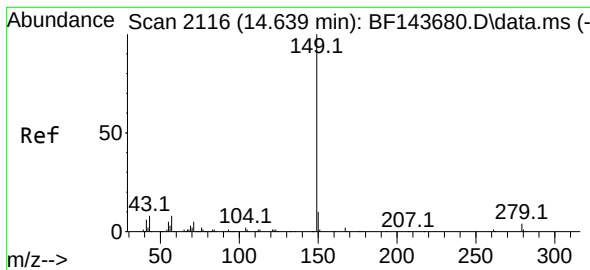
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

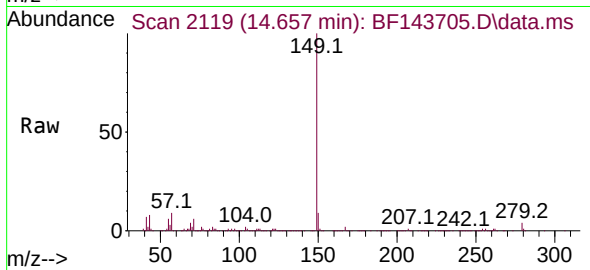
279 5.0 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 46.627 ng
RT: 14.657 min Scan# 2116
Delta R.T. 0.018 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

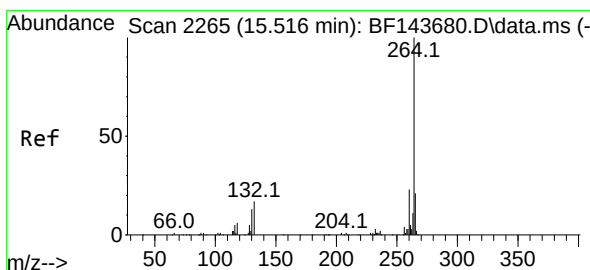
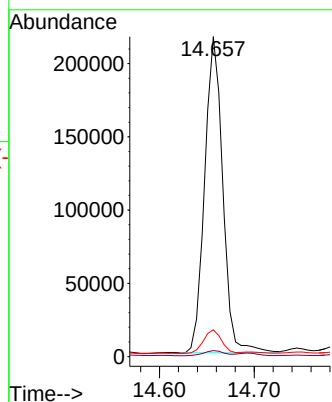
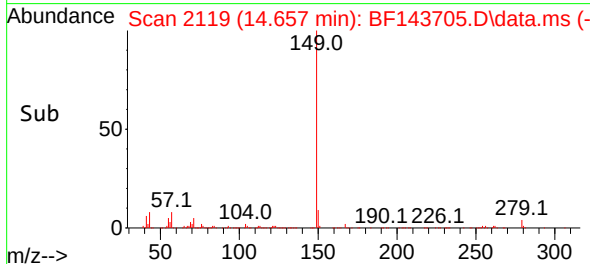
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



Tgt Ion:149 Resp: 287827
Ion Ratio Lower Upper
149 100
167 2.0 1.2 1.8
43 7.5 6.2 9.2

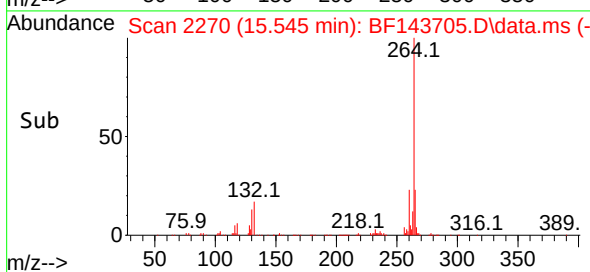
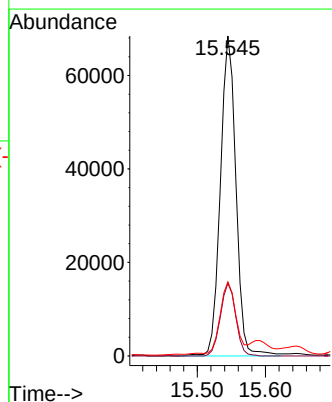
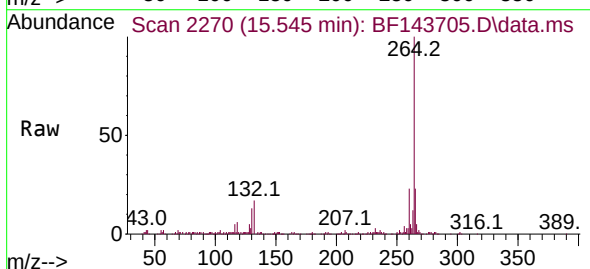
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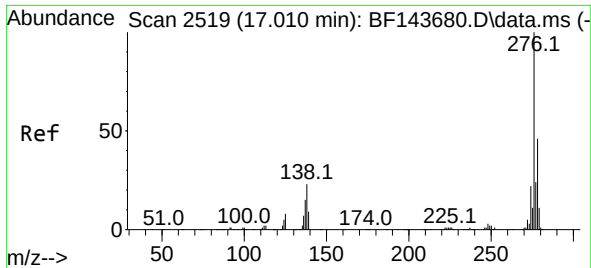
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.029 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Tgt Ion:264 Resp: 107767
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 23.1 17.1 25.7





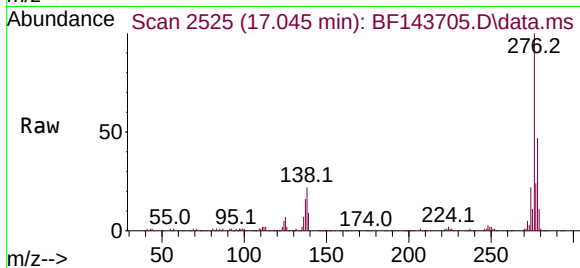
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.207 ng
RT: 17.045 min Scan# 2197
Delta R.T. 0.035 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :

BNA_F

ClientSampleId :

VNJ-258MS

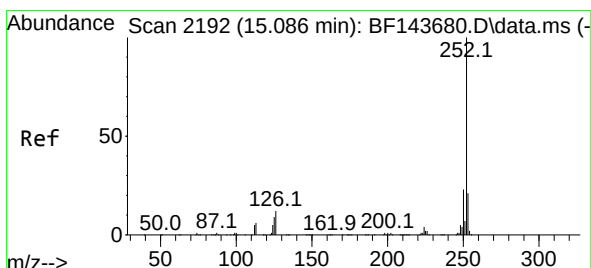
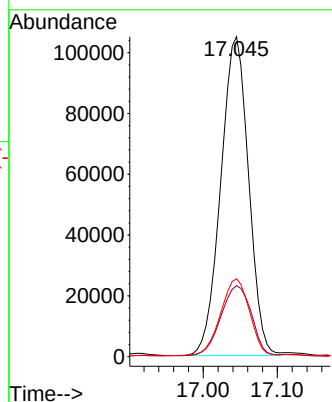
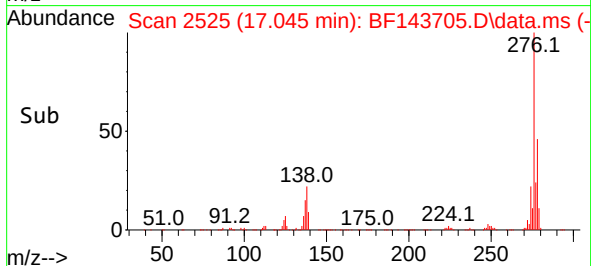


Tgt Ion:276 Resp: 273653
Ion Ratio Lower Upper
276 100
138 24.0 19.7 29.5
277 25.9 20.2 30.2

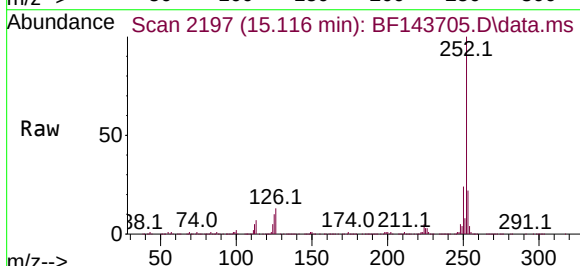
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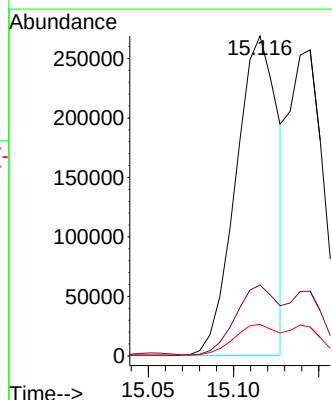
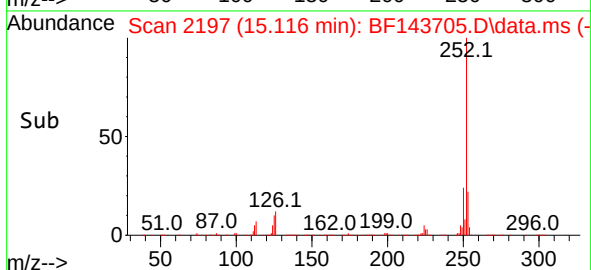
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

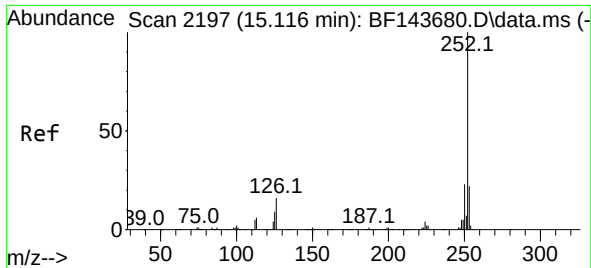


#88
Benzo(b)fluoranthene
Concen: 71.812 ng
RT: 15.116 min Scan# 2197
Delta R.T. 0.029 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion:252 Resp: 460684
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 9.9 7.4 11.0





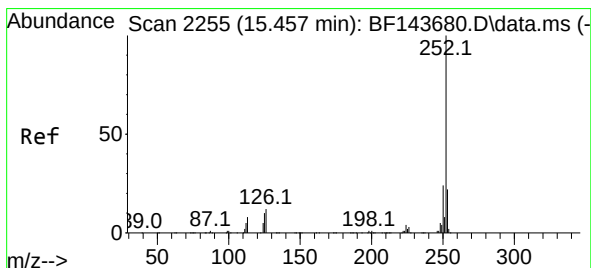
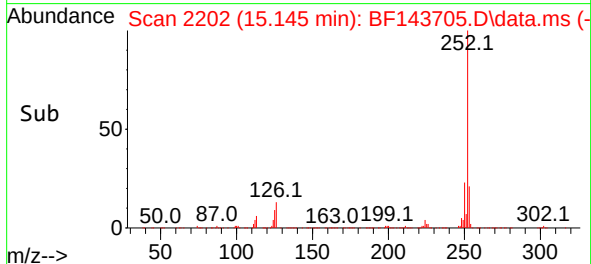
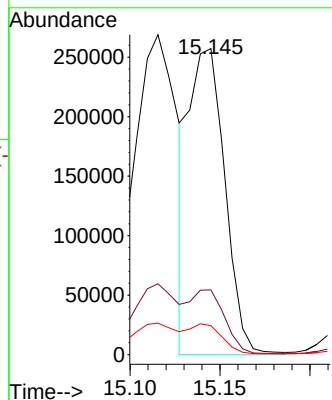
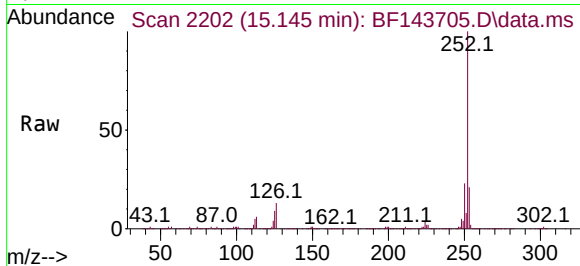
#89
Benzo(k)fluoranthene
Concen: 61.677 ng m
RT: 15.145 min Scan# 2197
Delta R.T. 0.029 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

Instrument :
BNA_F
ClientSampleId :
VNJ-258MS

Tgt Ion:252 Resp: 357094
Ion Ratio Lower Upper
252 100
253 21.1 17.3 25.9
125 9.5 7.3 10.9

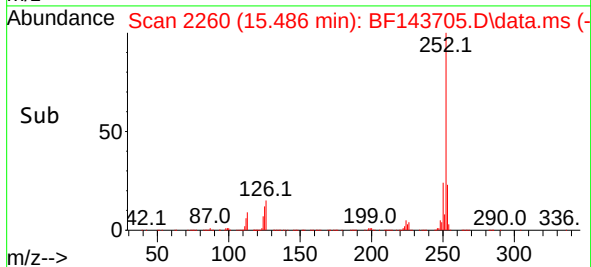
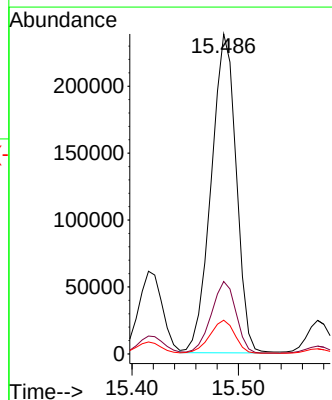
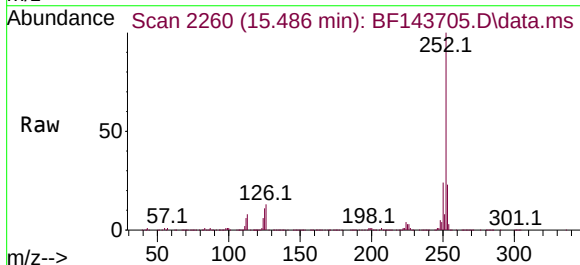
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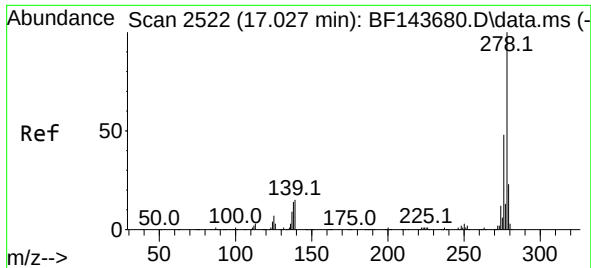
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#90
Benzo(a)pyrene
Concen: 69.057 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.029 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

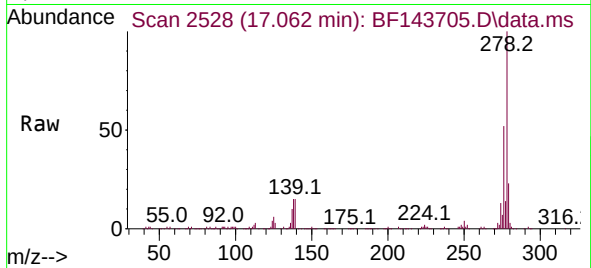
Tgt Ion:252 Resp: 389197
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 10.5 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 32.362 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33

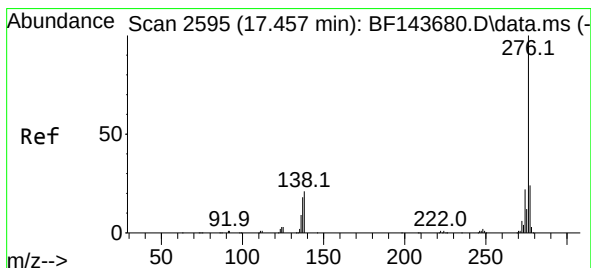
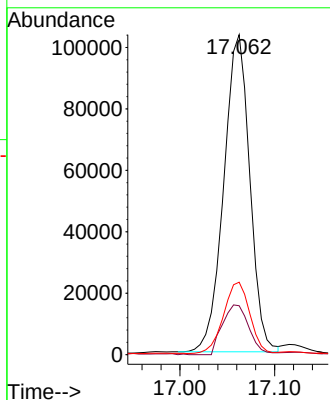
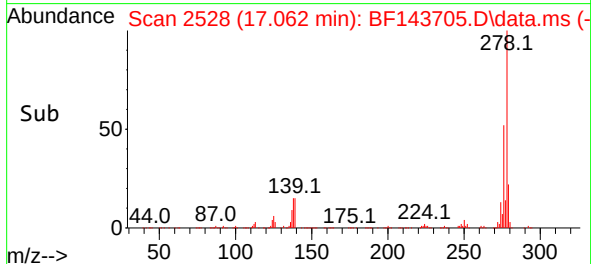
Instrument :
BNA_F
ClientSampleId :
VNJ-258MS



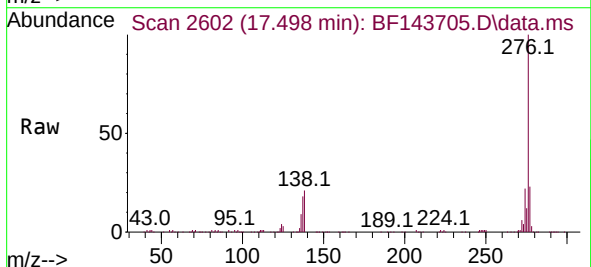
Tgt Ion:278 Resp: 197473
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 22.6 18.7 28.1

Manual Integrations
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Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 35.997 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.041 min
Lab File: BF143705.D
Acq: 11 Sep 2025 14:33



Tgt Ion:276 Resp: 205457
Ion Ratio Lower Upper
276 100
277 23.5 19.2 28.8
138 21.1 17.0 25.4

