

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143612.D
 Acq On : 28 Aug 2025 16:15
 Operator : RC/JU
 Sample : Q2954-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-SOUTHMSD

Quant Time: Aug 28 17:54:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	107987	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	422707	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	244144	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	401500	20.000	ng	0.00
76) Chrysene-d12	14.051	240	228377	20.000	ng	0.00
86) Perylene-d12	15.527	264	228721	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	719872	113.459	ng	0.01
7) Phenol-d6	6.510	99	936948	119.228	ng	0.00
23) Nitrobenzene-d5	7.451	82	540290	91.262	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	276202	144.665	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1051946	73.669	ng	0.00
79) Terphenyl-d14	12.998	244	983583	77.286	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	129469	41.711	ng	96
3) Pyridine	3.510	79	342674	43.964	ng	94
4) n-Nitrosodimethylamine	3.463	42	172091	46.399	ng	95
6) Aniline	6.551	93	370673	33.787	ng	100
8) 2-Chlorophenol	6.675	128	338599	50.442	ng	96
9) Benzaldehyde	6.439	77	163531	27.656	ng	99
10) Phenol	6.528	94	443638	50.335	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	315442	46.706	ng	96
12) 1,3-Dichlorobenzene	6.834	146	371806	48.220	ng	99
13) 1,4-Dichlorobenzene	6.910	146	373686	48.063	ng	99
14) 1,2-Dichlorobenzene	7.063	146	361069	48.959	ng	99
15) Benzyl Alcohol	7.028	79	315618	53.590	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	538937	43.231	ng	97
17) 2-Methylphenol	7.134	107	290653	51.005	ng	98
18) Hexachloroethane	7.404	117	125265	50.705	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	248024	49.821	ng	97
20) 3+4-Methylphenols	7.287	107	362734	51.827	ng	96
22) Acetophenone	7.298	105	468715	49.237	ng	98
24) Nitrobenzene	7.475	77	359588	56.654	ng	97
25) Isophorone	7.710	82	685730	49.496	ng	99
26) 2-Nitrophenol	7.786	139	172143	61.019	ng	99
27) 2,4-Dimethylphenol	7.822	122	321482	53.332	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	406259	48.467	ng	99
29) 2,4-Dichlorophenol	8.028	162	304795	52.480	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	314041	51.788	ng	99
31) Naphthalene	8.198	128	978238	47.899	ng	100
32) Benzoic acid	7.939	122	221585	64.832	ng	98
33) 4-Chloroaniline	8.239	127	106154	14.713	ng	97
34) Hexachlorobutadiene	8.310	225	189285	49.537	ng	99
35) Caprolactam	8.616	113	99253m	60.154	ng	
36) 4-Chloro-3-methylphenol	8.716	107	326094	53.705	ng	99
37) 2-Methylnaphthalene	8.886	142	604007	44.783	ng	98
38) 1-Methylnaphthalene	8.986	142	622450	47.819	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	300073	47.253	ng	99
41) Hexachlorocyclopentadiene	9.039	237	398579	127.585	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	232936	55.510	ng	100

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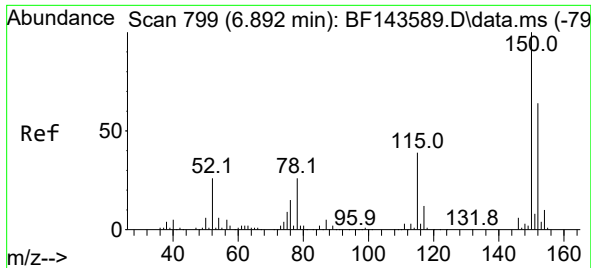
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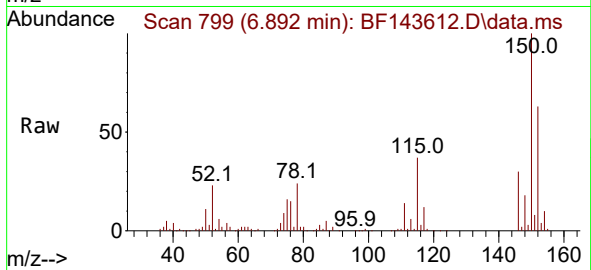
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	224349	52.909	ng	98
46) 1,1'-Biphenyl	9.351	154	833181	49.183	ng	100
47) 2-Chloronaphthalene	9.375	162	639659	47.800	ng	99
48) 2-Nitroaniline	9.469	65	215319	57.039	ng	97
49) Acenaphthylene	9.792	152	1056703	54.272	ng	100
50) Dimethylphthalate	9.651	163	790432	52.636	ng	99
51) 2,6-Dinitrotoluene	9.710	165	166496	64.215	ng	93
52) Acenaphthene	9.963	154	682713	53.530	ng	99
53) 3-Nitroaniline	9.875	138	99175	34.550	ng	# 98
54) 2,4-Dinitrophenol	9.980	184	140184	110.658	ng	# 16
55) Dibenzofuran	10.139	168	925806	49.511	ng	98
56) 4-Nitrophenol	10.033	139	283884	107.867	ng	98
57) 2,4-Dinitrotoluene	10.116	165	224768	65.853	ng	96
58) Fluorene	10.480	166	701167	49.943	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	194816	62.144	ng	99
60) Diethylphthalate	10.351	149	752068	53.440	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	344723	50.207	ng	98
62) 4-Nitroaniline	10.498	138	169012	59.659	ng	97
63) Azobenzene	10.633	77	777078	54.460	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	98446	64.664	ng	87
66) n-Nitrosodiphenylamine	10.586	169	635890	49.792	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	220093	50.679	ng	99
68) Hexachlorobenzene	11.022	284	230624	49.647	ng	97
69) Atrazine	11.116	200	201153	54.795	ng	99
70) Pentachlorophenol	11.216	266	287054	108.158	ng	98
71) Phenanthrene	11.439	178	1048214	48.761	ng	100
72) Anthracene	11.492	178	1070983	49.436	ng	100
73) Carbazole	11.645	167	928315	49.573	ng	100
74) Di-n-butylphthalate	11.974	149	1132143	59.356	ng	99
75) Fluoranthene	12.627	202	961028	48.962	ng	99
77) Benzidine	12.745	184	236398	44.961	ng	99
78) Pyrene	12.857	202	952876	49.855	ng	100
80) Butylbenzylphthalate	13.474	149	365625	66.232	ng	96
81) Benzo(a)anthracene	14.039	228	711203	49.499	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	100188	26.008	ng	99
83) Chrysene	14.080	228	686498	51.269	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	463415	65.059	ng	100
85) Di-n-octyl phthalate	14.645	149	738258	55.350	ng	95
87) Indeno(1,2,3-cd)pyrene	17.021	276	738849	47.480	ng	98
88) Benzo(b)fluoranthene	15.092	252	699899	53.556	ng	99
89) Benzo(k)fluoranthene	15.121	252	592019	48.451	ng	100
90) Benzo(a)pyrene	15.462	252	625460	54.169	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	605340	47.529	ng	98
92) Benzo(g,h,i)perylene	17.474	276	566219	44.906	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

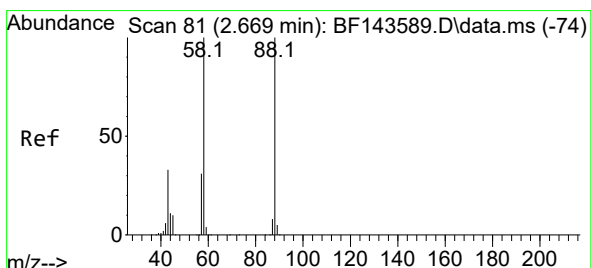
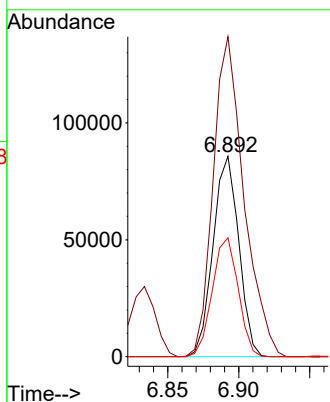
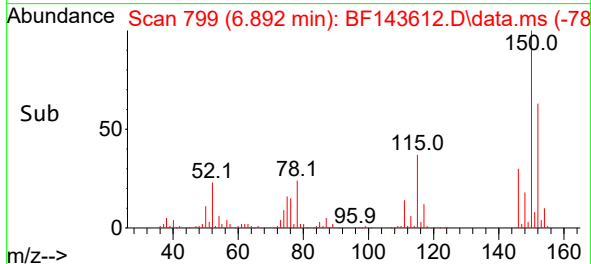
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion:152 Resp: 10798
Ion Ratio Lower Upper
152 100
150 159.8 124.9 187.3
115 59.3 48.0 72.0

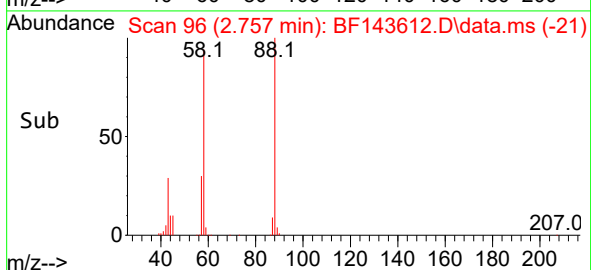
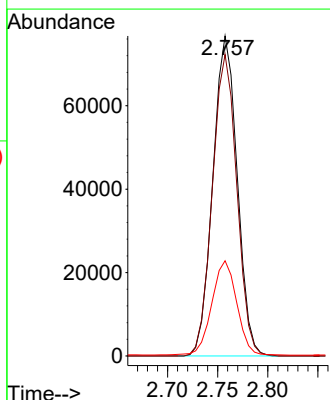
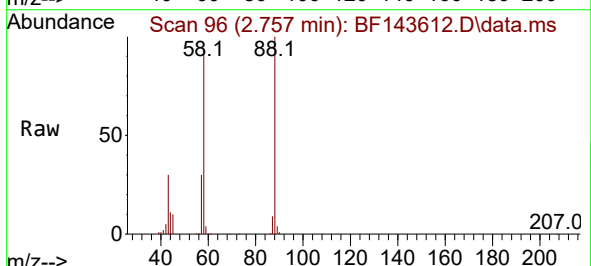
Manual Integrations
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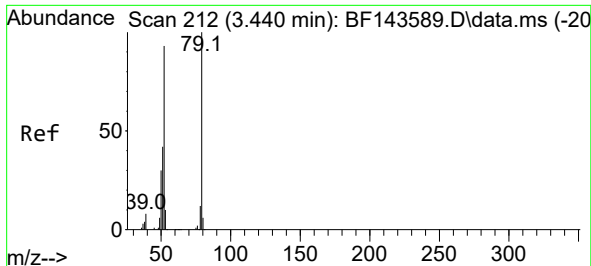
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#2
1,4-Dioxane
Concen: 41.711 ng
RT: 2.757 min Scan# 96
Delta R.T. 0.088 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

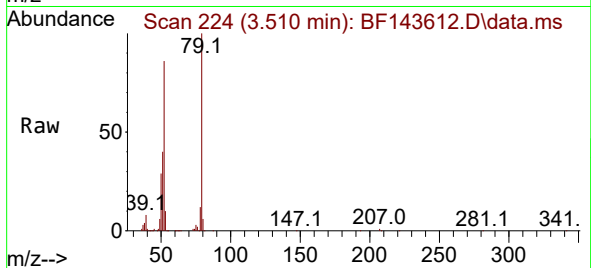
Tgt Ion: 88 Resp: 129469
Ion Ratio Lower Upper
88 100
58 94.6 79.2 118.8
43 30.2 26.2 39.2





#3
Pyridine
Concen: 43.964 ng
RT: 3.510 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

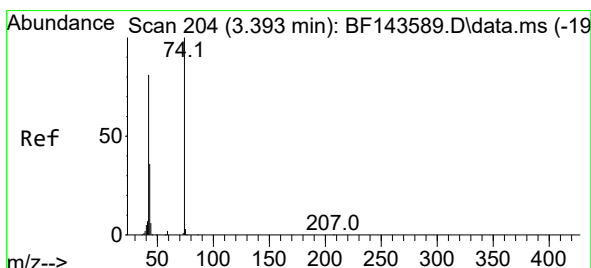
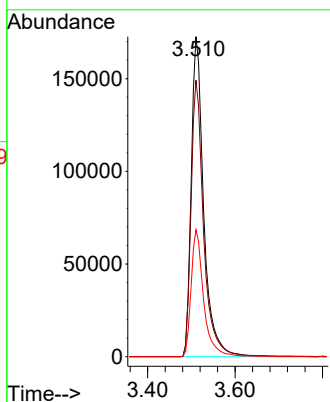
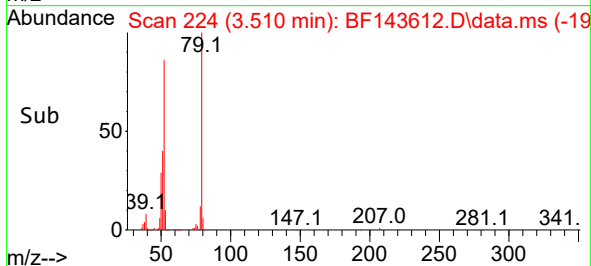
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



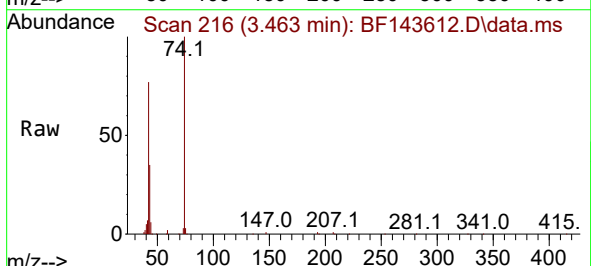
Tgt Ion: 79 Resp: 342674
Ion Ratio Lower Upper
79 100
52 86.4 74.3 111.5
51 39.7 33.5 50.3

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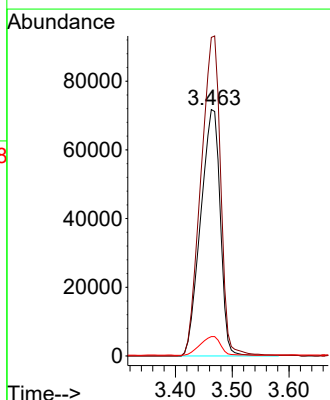
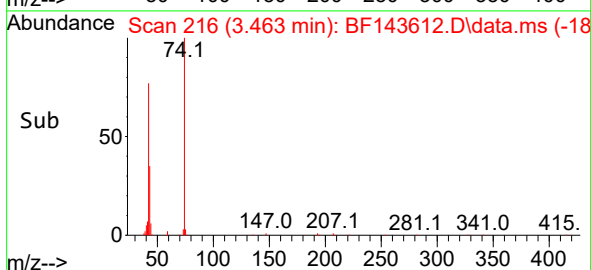
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Supervised By :Jagrut Upadhyay 08/29/2025

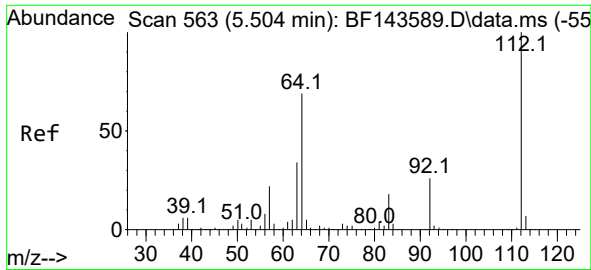


#4
n-Nitrosodimethylamine
Concen: 46.399 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.071 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



Tgt Ion: 42 Resp: 172091
Ion Ratio Lower Upper
42 100
74 129.3 98.9 148.3
44 7.9 7.0 10.4





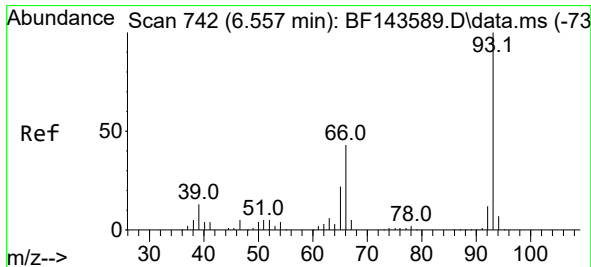
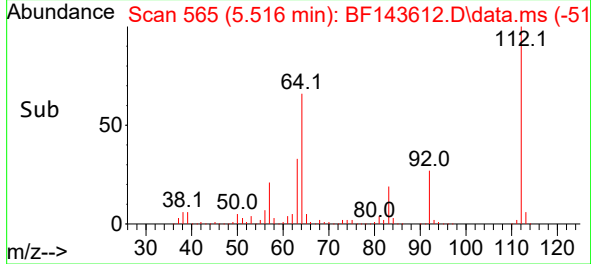
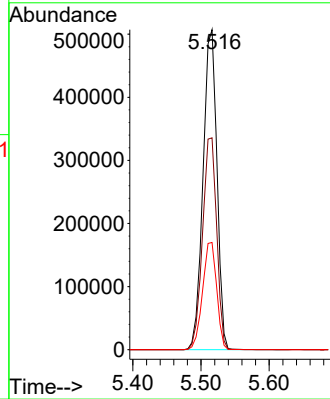
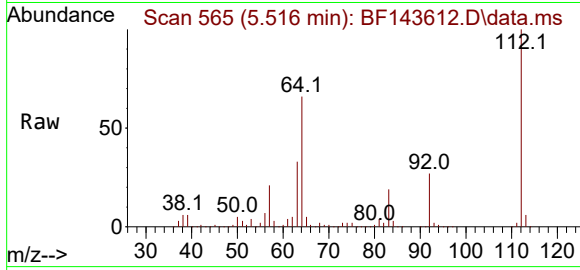
#5
2-Fluorophenol
Concen: 113.459 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD

Tgt Ion:112 Resp: 719872
Ion Ratio Lower Upper
112 100
64 66.2 54.8 82.2
63 33.5 27.6 41.4

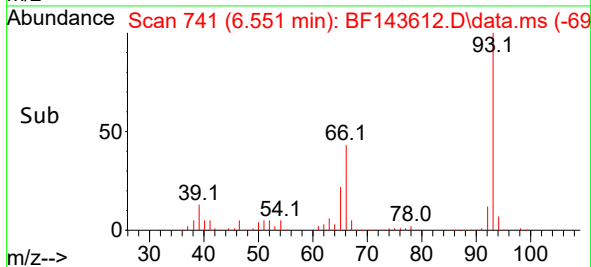
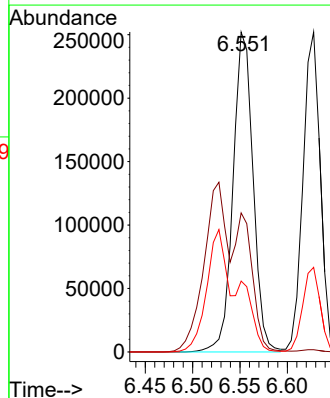
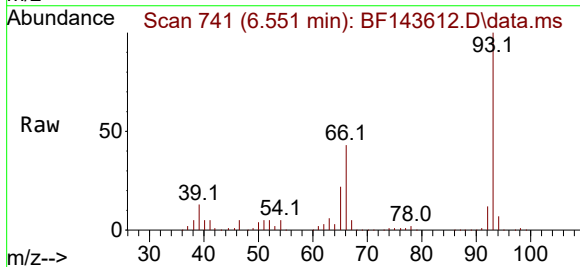
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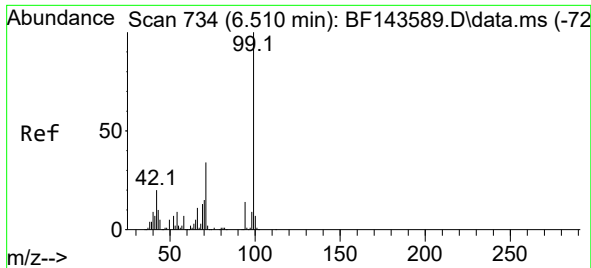
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#6
Aniline
Concen: 33.787 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

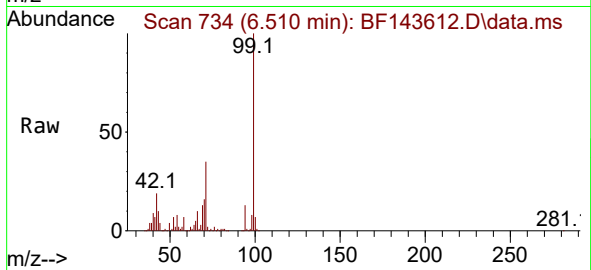
Tgt Ion: 93 Resp: 370673
Ion Ratio Lower Upper
93 100
66 43.5 35.0 52.4
65 22.2 17.5 26.3





#7
Phenol-d6
Concen: 119.228 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

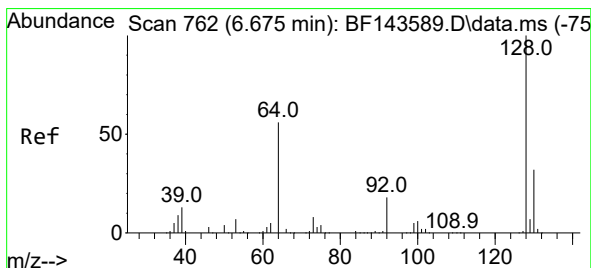
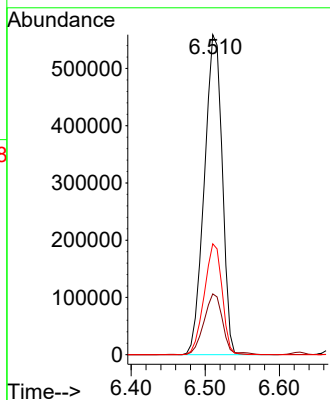
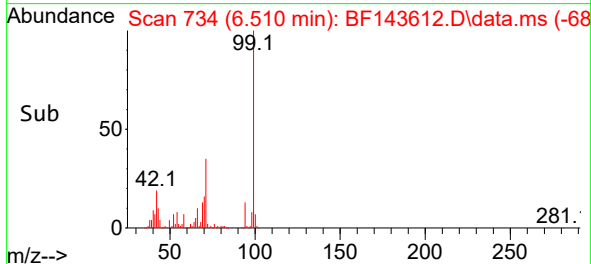
Instrument :
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BRIDGE-SOUTHMSD



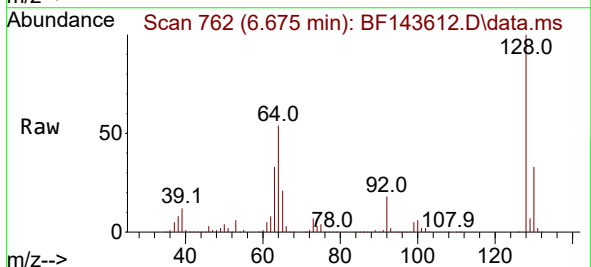
Tgt Ion: 99 Resp: 936948
Ion Ratio Lower Upper
99 100
42 19.0 15.9 23.9
71 34.6 27.2 40.8

Manual Integrations
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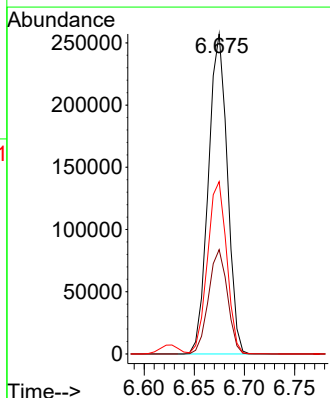
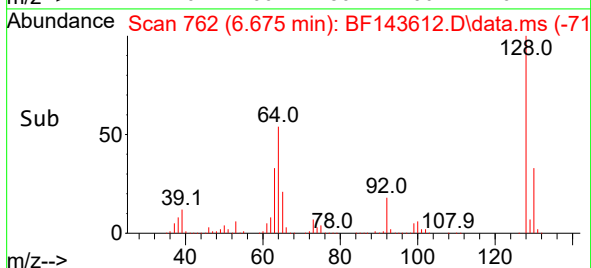
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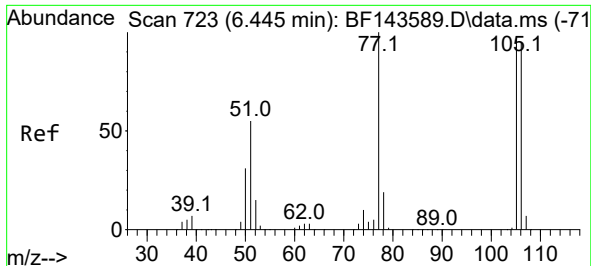


#8
2-Chlorophenol
Concen: 50.442 ng
RT: 6.675 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



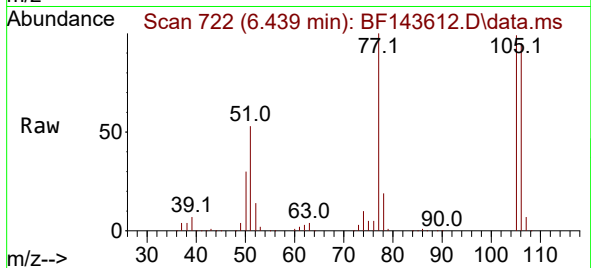
Tgt Ion:128 Resp: 338599
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 53.9 38.4 78.4





#9
Benzaldehyde
Concen: 27.656 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

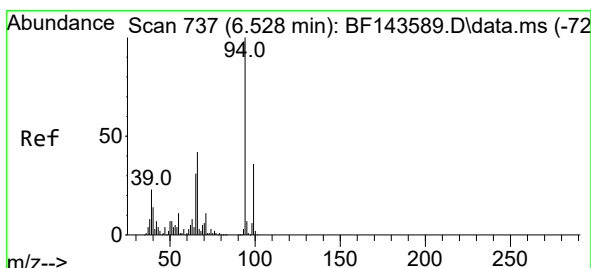
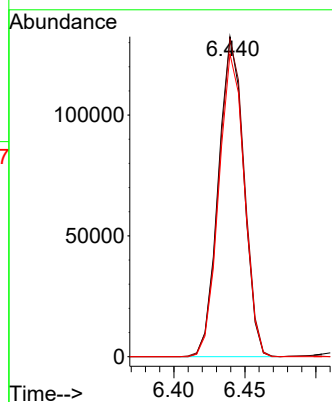
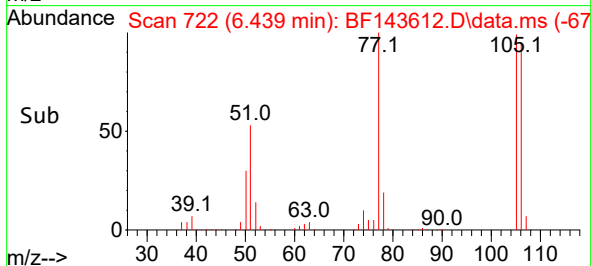
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion: 77 Resp: 16353
Ion Ratio Lower Upper
77 100
105 99.3 77.9 117.9
106 94.6 74.9 114.9

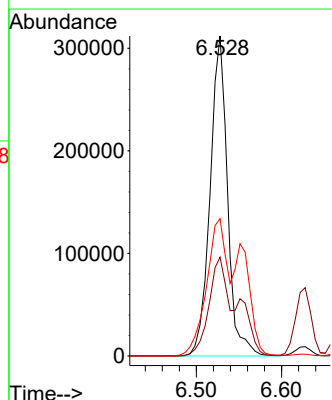
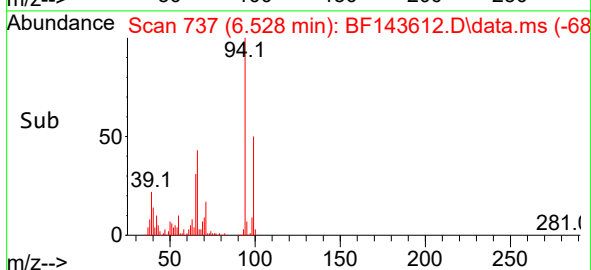
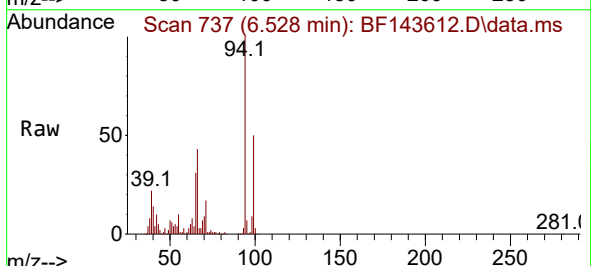
Manual Integrations
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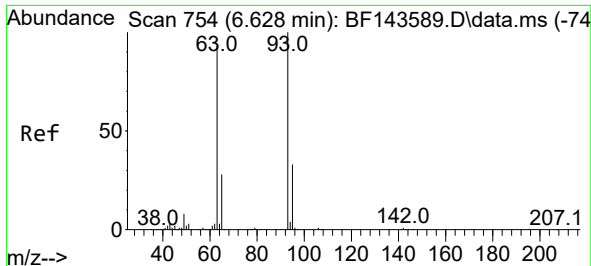
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#10
Phenol
Concen: 50.335 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

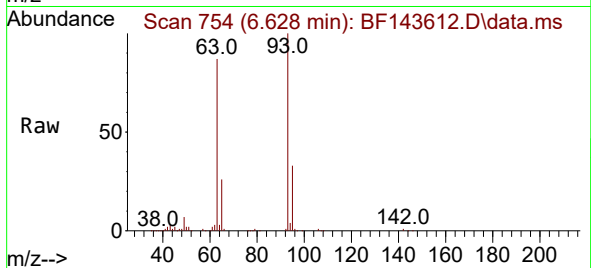
Tgt Ion: 94 Resp: 443638
Ion Ratio Lower Upper
94 100
65 30.9 11.0 51.0
66 42.9 22.1 62.1





#11
bis(2-Chloroethyl)ether
Concen: 46.706 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

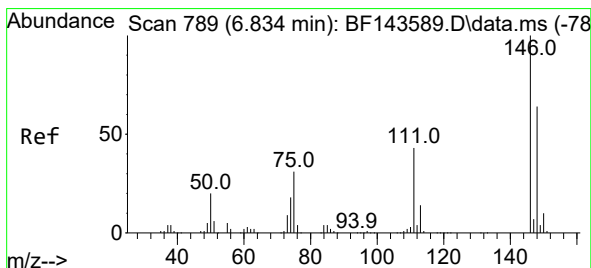
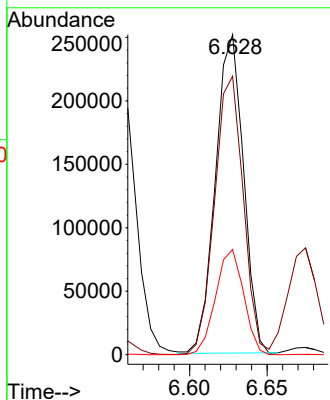
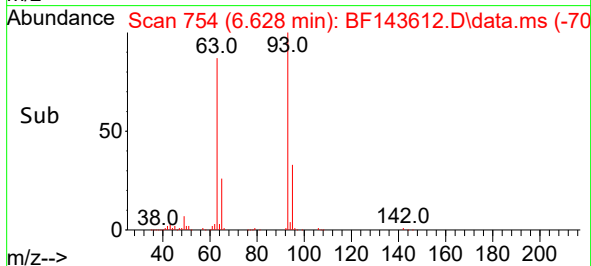
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



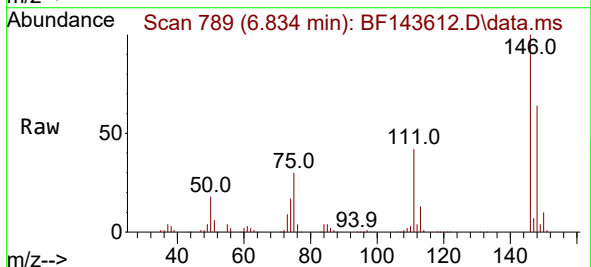
Tgt Ion: 93 Resp: 31544
Ion Ratio Lower Upper
93 100
63 87.1 72.1 112.1
95 32.9 12.8 52.8

Manual Integrations
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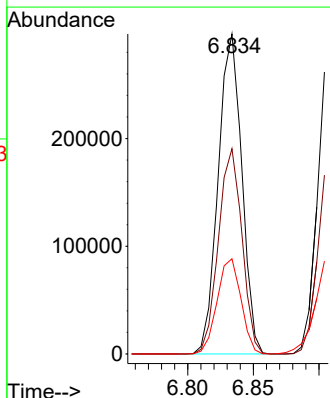
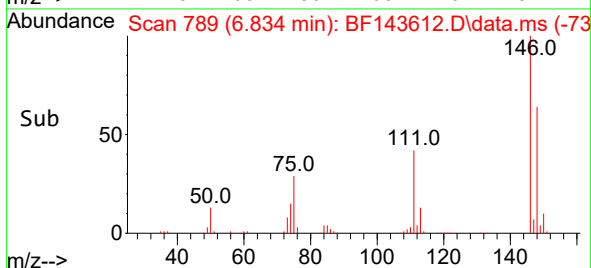
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

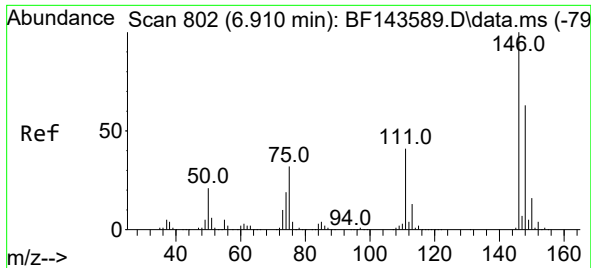


#12
1,3-Dichlorobenzene
Concen: 48.220 ng
RT: 6.834 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



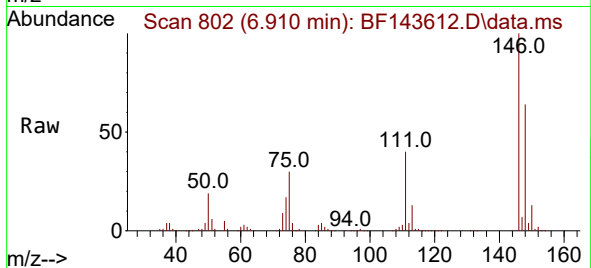
Tgt Ion:146 Resp: 371806
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
75 29.8 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 48.063 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

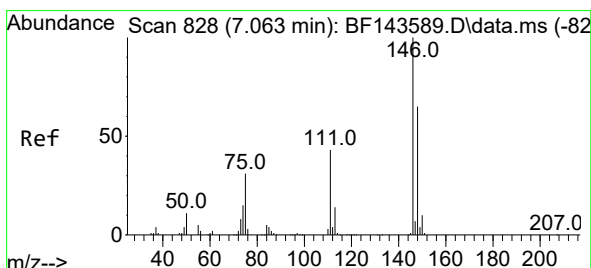
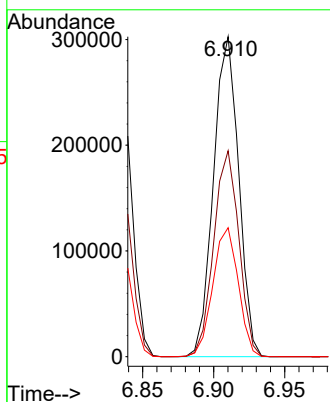
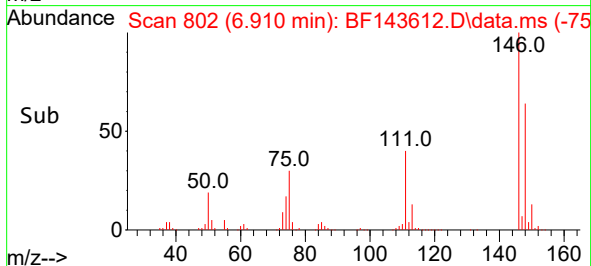
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



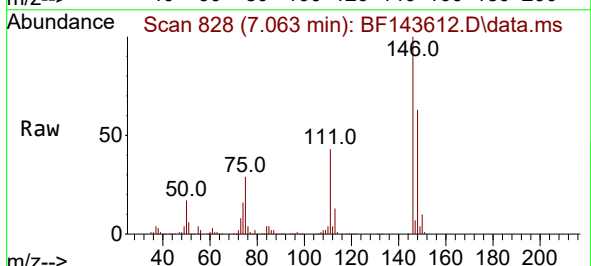
Tgt Ion:146 Resp: 373680
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
111 40.3 32.4 48.6

Manual Integrations
APPROVED

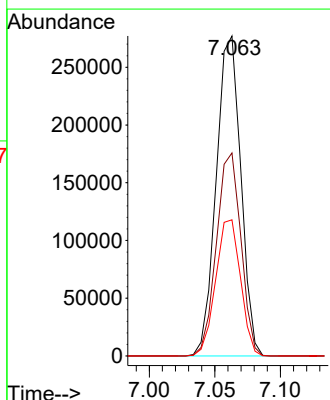
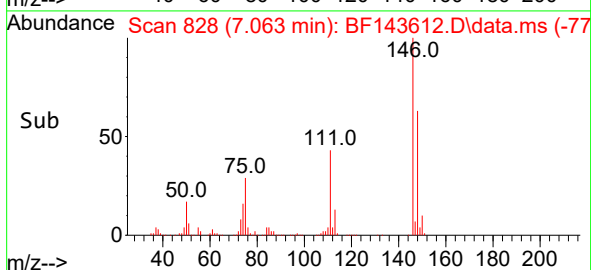
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

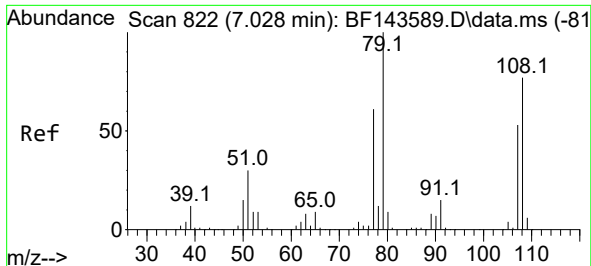


#14
1,2-Dichlorobenzene
Concen: 48.959 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



Tgt Ion:146 Resp: 361069
Ion Ratio Lower Upper
146 100
148 63.5 51.7 77.5
111 42.6 34.7 52.1





#15

Benzyl Alcohol

Concen: 53.590 ng

RT: 7.028 min Scan# 822

Delta R.T. 0.000 min

Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMSD

Tgt Ion: 79 Resp: 315618

Ion Ratio Lower Upper

79 100

108 75.8 61.3 91.9

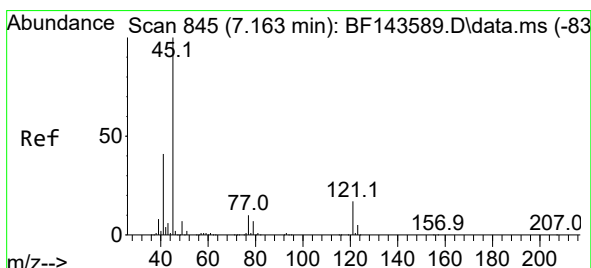
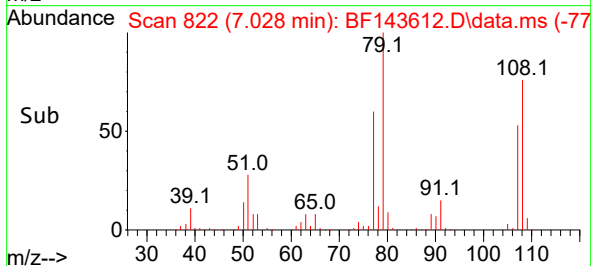
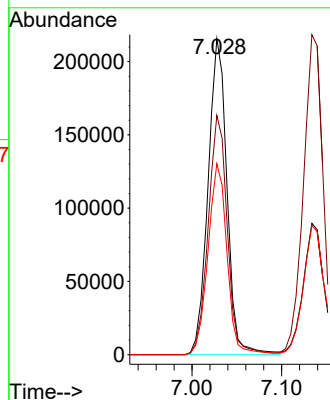
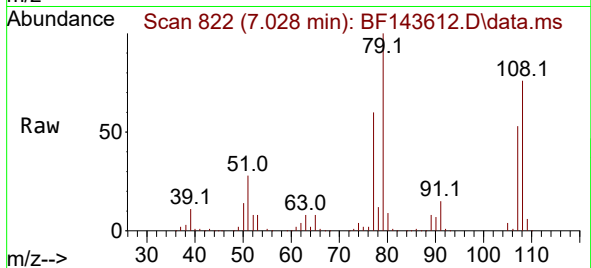
77 60.5 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.231 ng

RT: 7.163 min Scan# 845

Delta R.T. 0.000 min

Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

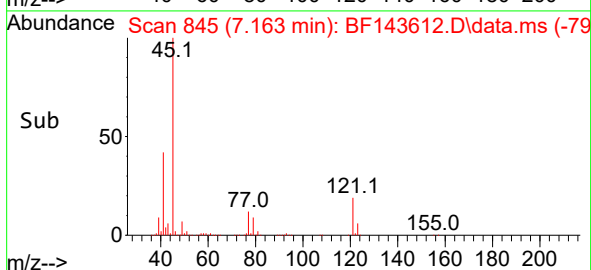
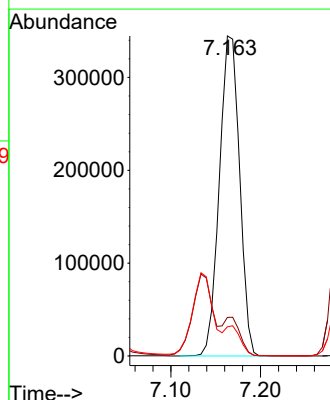
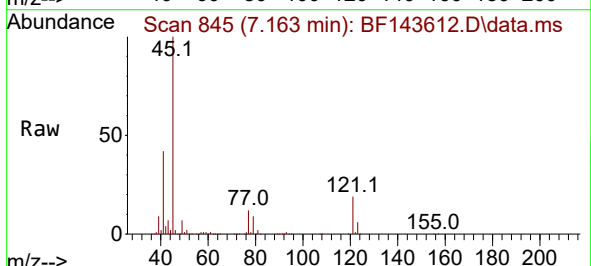
Tgt Ion: 45 Resp: 538937

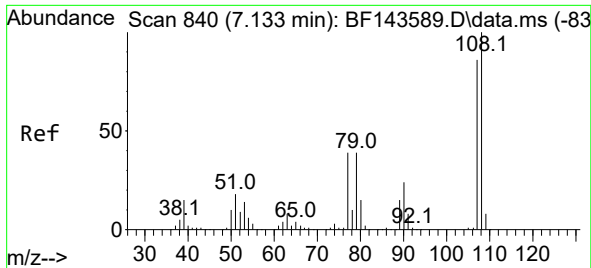
Ion Ratio Lower Upper

45 100

77 12.0 0.0 31.1

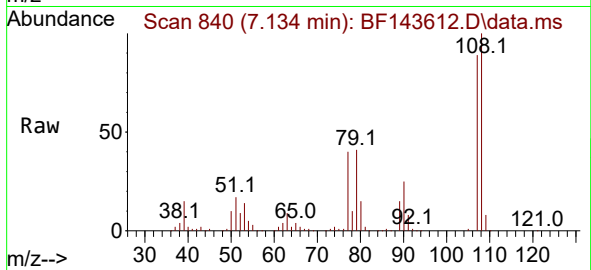
79 9.1 0.0 28.1





#17
2-Methylphenol
Concen: 51.005 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

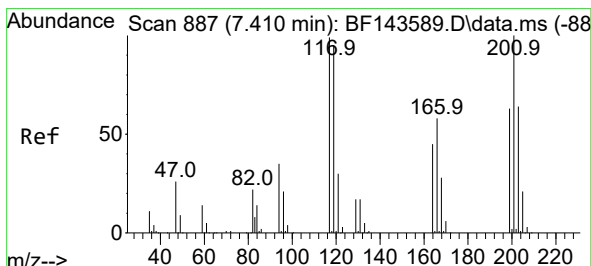
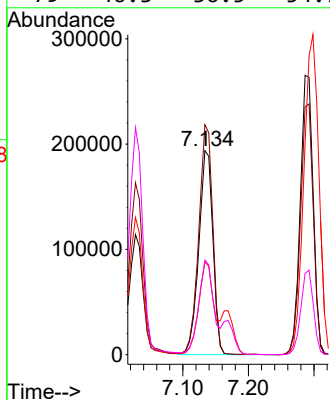
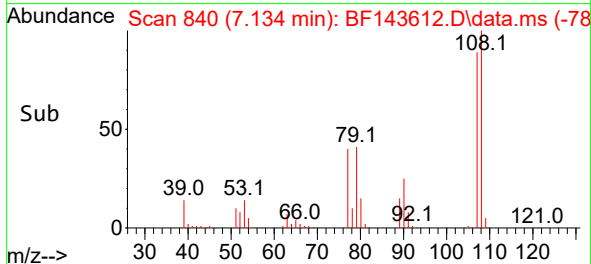
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion:107 Resp: 29065
Ion Ratio Lower Upper
107 100
108 112.7 92.6 138.8
77 45.5 36.3 54.5
79 46.3 36.5 54.7

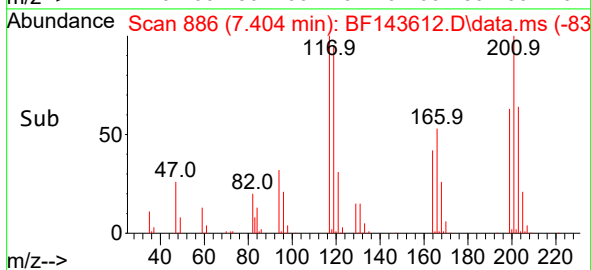
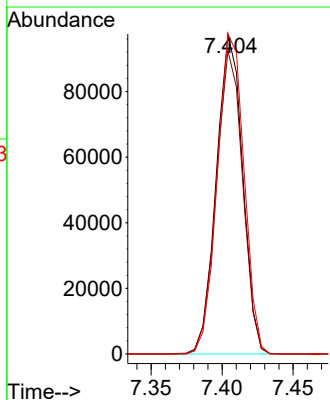
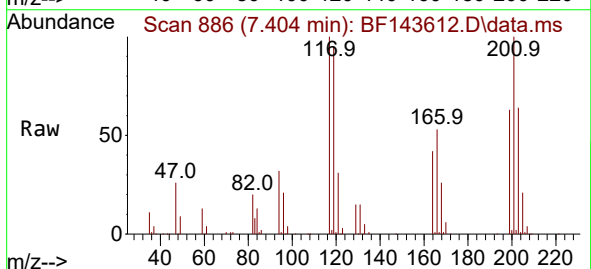
Manual Integrations
APPROVED

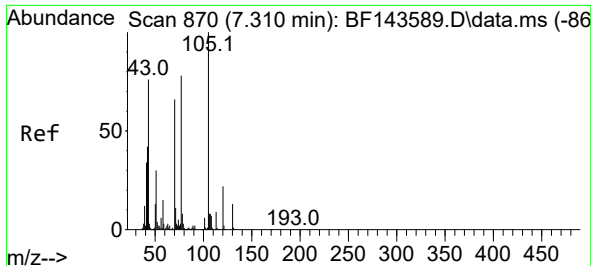
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#18
Hexachloroethane
Concen: 50.705 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

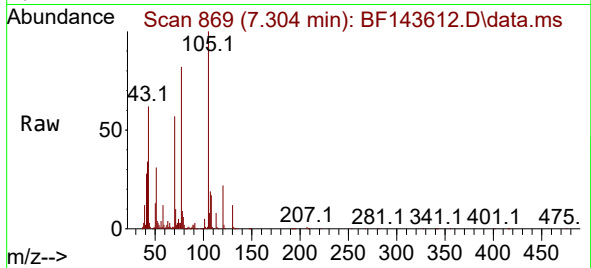
Tgt Ion:117 Resp: 125265
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0
201 100.0 81.0 121.4





#19
n-Nitroso-di-n-propylamine
Concen: 49.821 ng
RT: 7.304 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

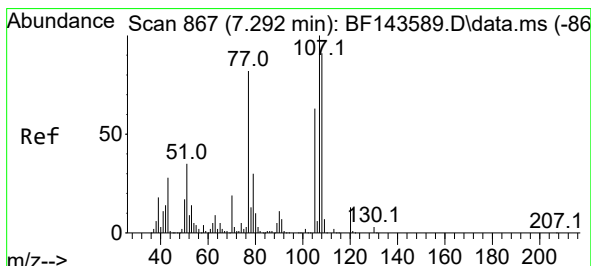
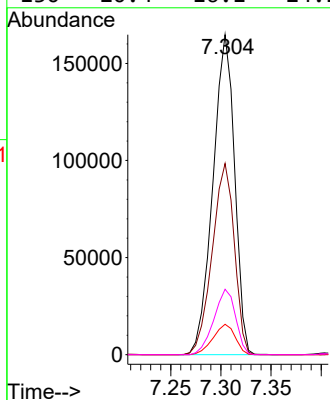
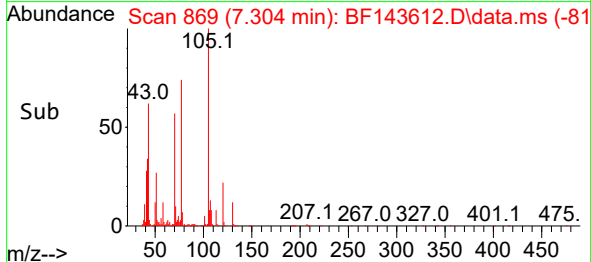
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion: 70 Resp: 248024
Ion Ratio Lower Upper
70 100
42 59.8 50.6 75.8
101 9.5 7.5 11.3
130 20.4 16.1 24.1

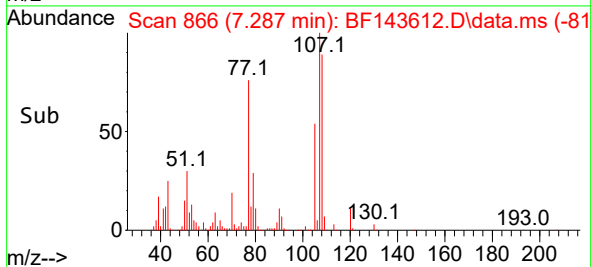
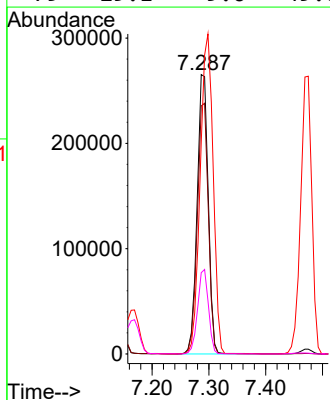
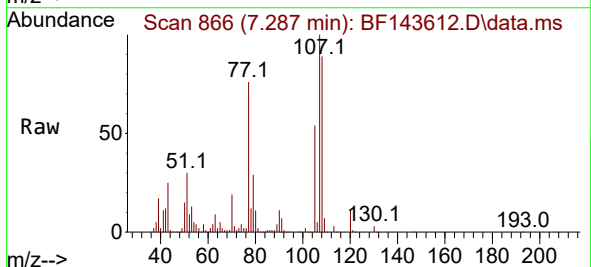
Manual Integrations
APPROVED

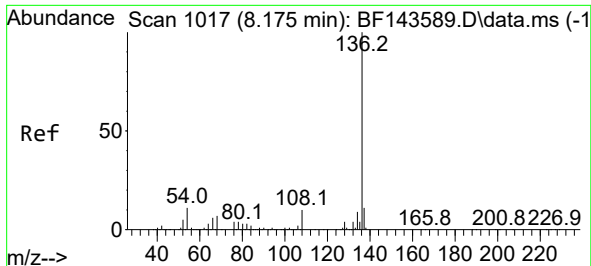
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#20
3+4-Methylphenols
Concen: 51.827 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

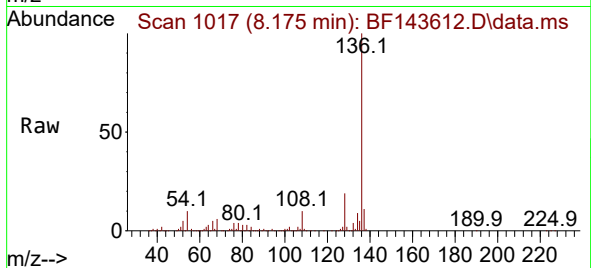
Tgt Ion:107 Resp: 362734
Ion Ratio Lower Upper
107 100
108 88.7 71.1 111.1
77 75.8 62.5 102.5
79 29.1 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

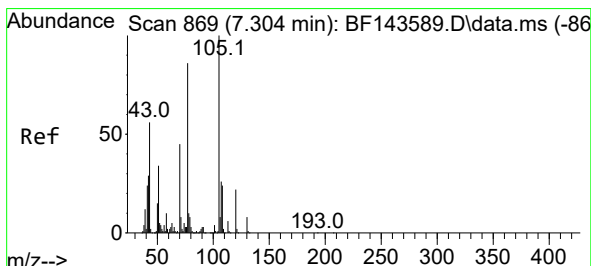
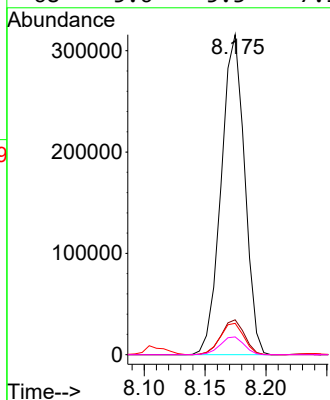
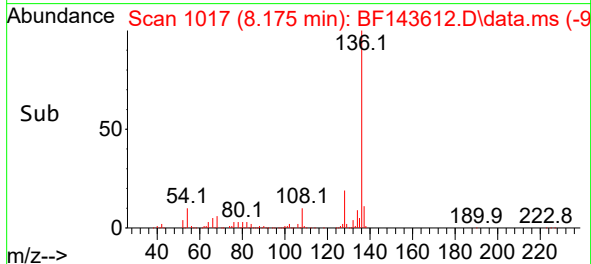
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion:136 Resp: 42270
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.8 9.0 13.6
68 5.6 5.3 7.9

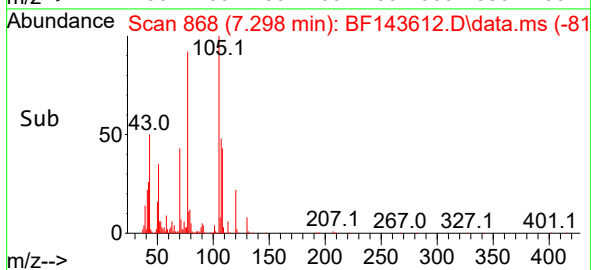
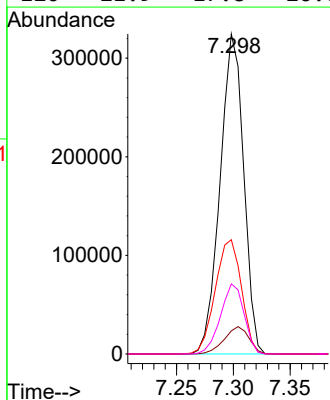
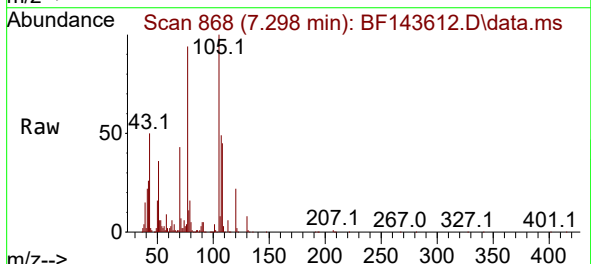
Manual Integrations
APPROVED

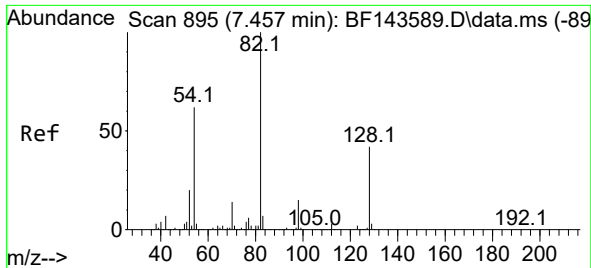
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#22
Acetophenone
Concen: 49.237 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

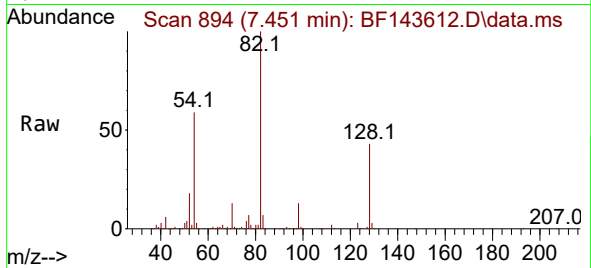
Tgt Ion:105 Resp: 468715
Ion Ratio Lower Upper
105 100
71 7.2 6.0 9.0
51 35.7 27.0 40.6
120 21.9 17.8 26.6





#23
Nitrobenzene-d5
Concen: 91.262 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

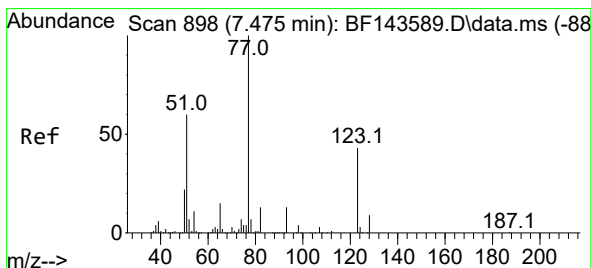
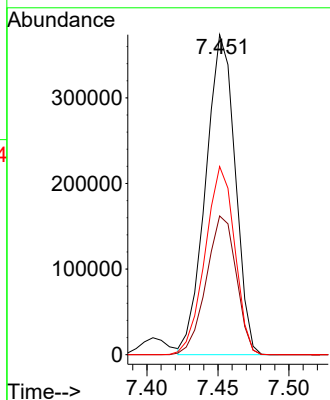
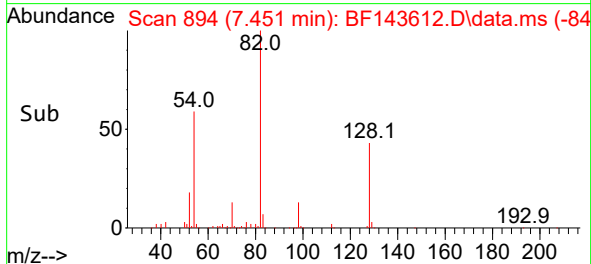
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion: 82 Resp: 540290
Ion Ratio Lower Upper
82 100
128 43.3 33.4 50.2
54 58.8 49.3 73.9

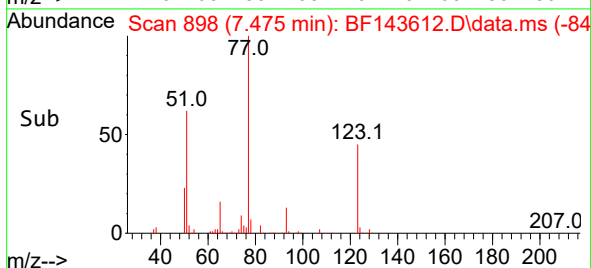
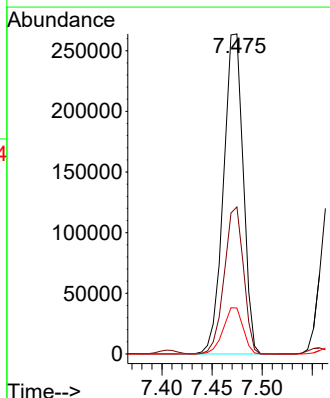
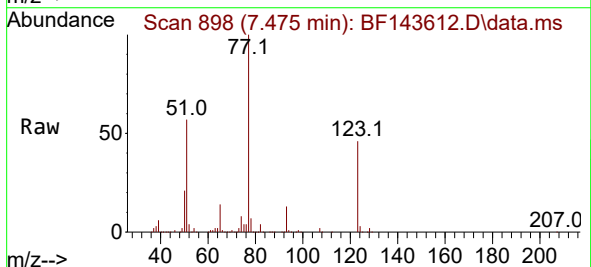
Manual Integrations
APPROVED

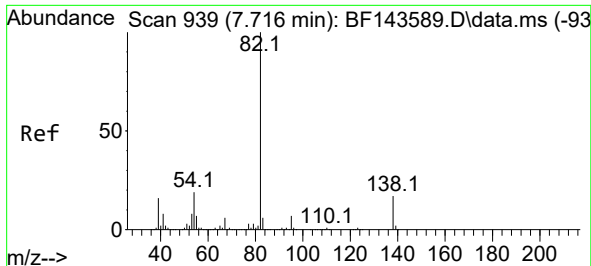
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#24
Nitrobenzene
Concen: 56.654 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

Tgt Ion: 77 Resp: 359588
Ion Ratio Lower Upper
77 100
123 45.9 34.9 52.3
65 14.3 12.0 18.0





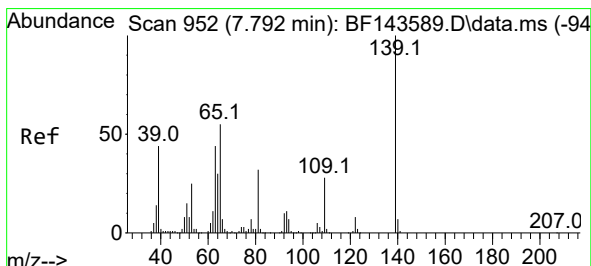
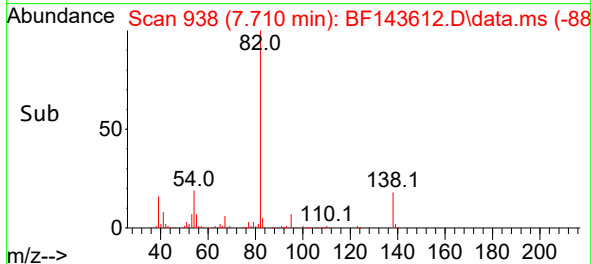
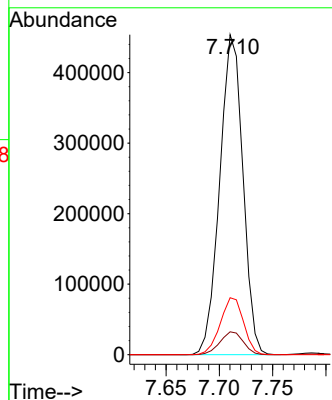
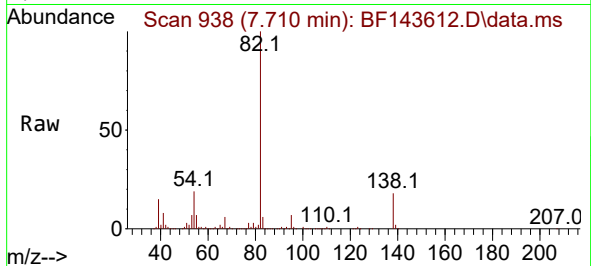
#25
Isophorone
Concen: 49.496 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD

Tgt Ion: 82 Resp: 685730
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.8 13.8 20.8

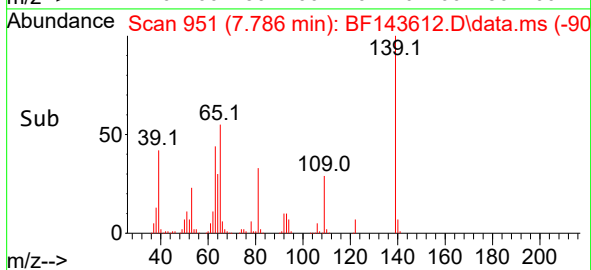
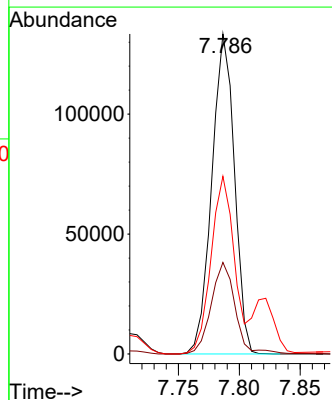
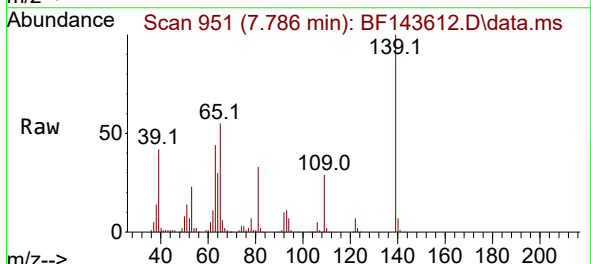
Manual Integrations
APPROVED

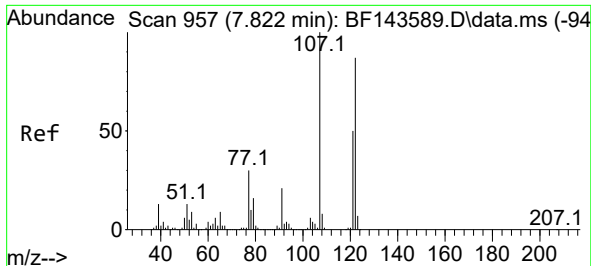
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#26
2-Nitrophenol
Concen: 61.019 ng
RT: 7.786 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

Tgt Ion:139 Resp: 172143
Ion Ratio Lower Upper
139 100
109 28.6 22.3 33.5
65 55.5 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 53.332 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143612.D

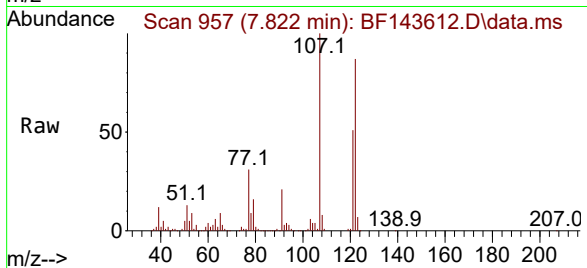
Acq: 28 Aug 2025 16:15

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMSD



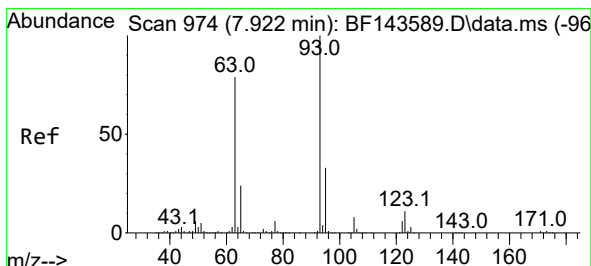
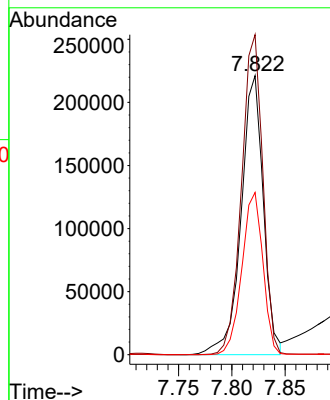
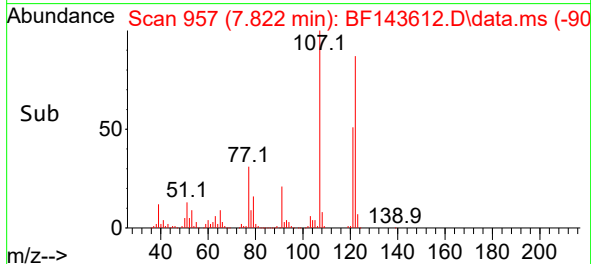
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.7	92.1	138.1
121	58.1	46.2	69.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 48.467 ng

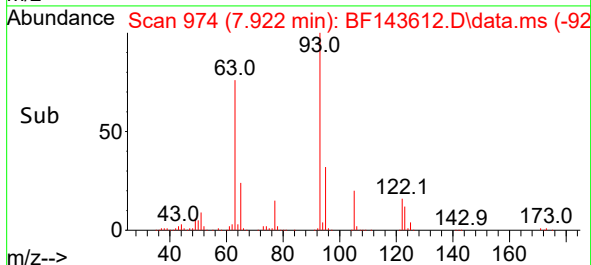
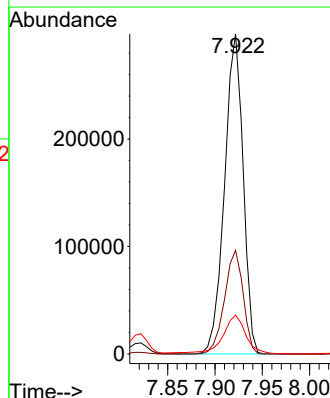
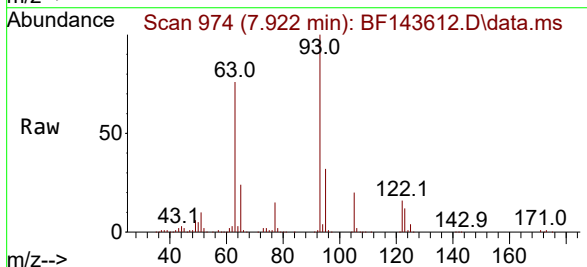
RT: 7.922 min Scan# 974

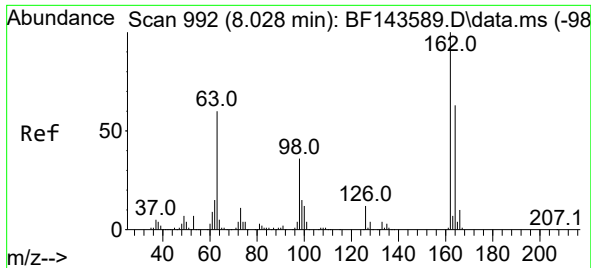
Delta R.T. 0.000 min

Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

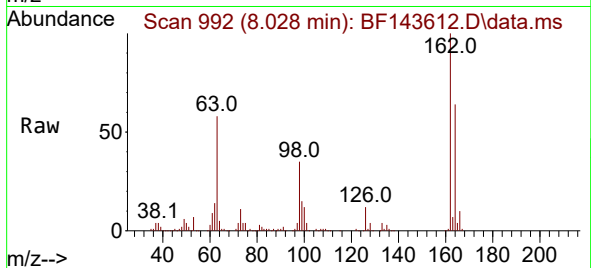
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.2
123	12.2	9.3	13.9





#29
2,4-Dichlorophenol
Concen: 52.480 ng
RT: 8.028 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

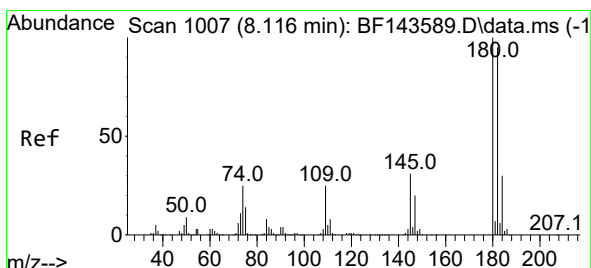
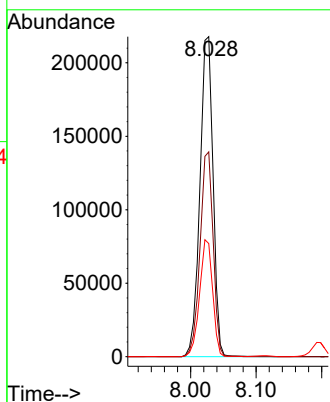
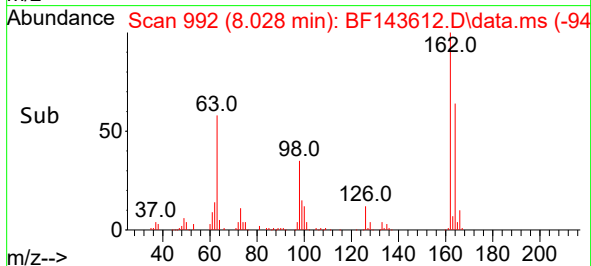
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



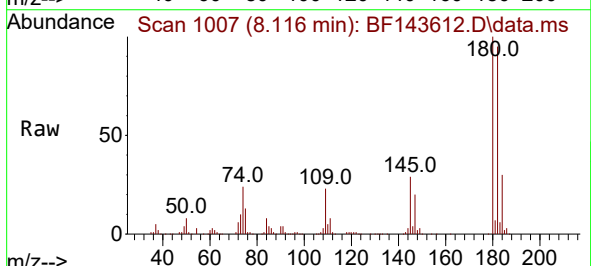
Tgt Ion:162 Resp: 304795
Ion Ratio Lower Upper
162 100
164 64.0 43.3 83.3
98 35.3 16.1 56.1

Manual Integrations
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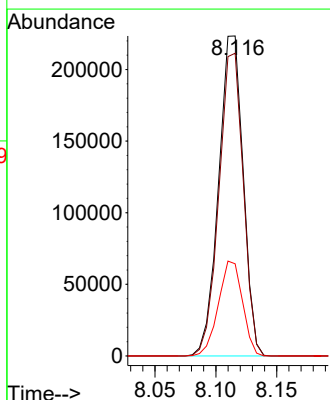
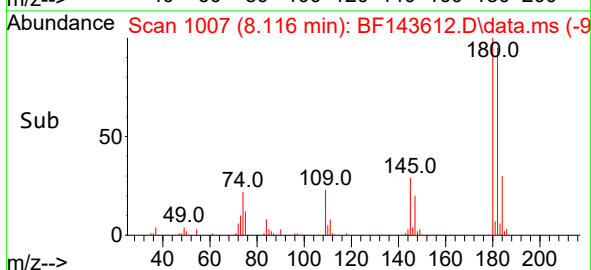
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

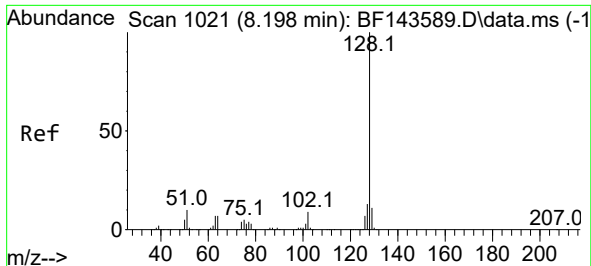


#30
1,2,4-Trichlorobenzene
Concen: 51.788 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



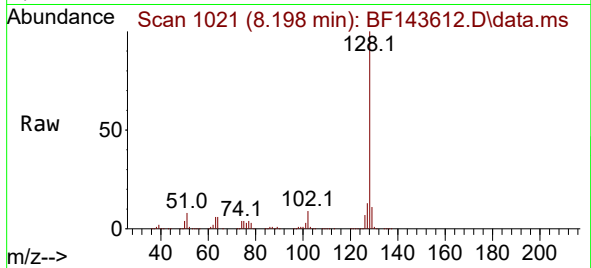
Tgt Ion:180 Resp: 314041
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.6
145 28.8 24.5 36.7





#31
Naphthalene
Concen: 47.899 ng
RT: 8.198 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

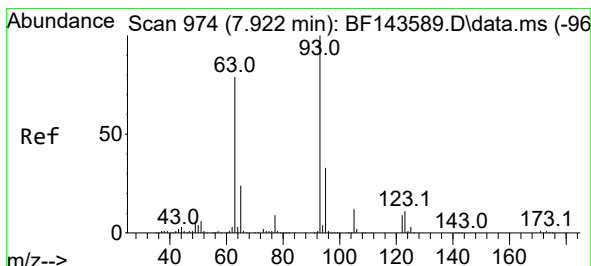
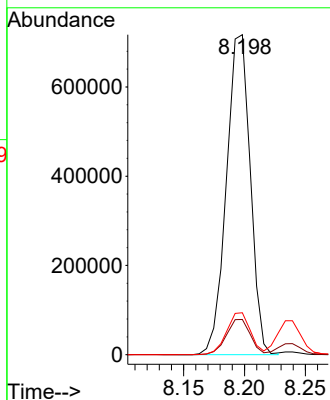
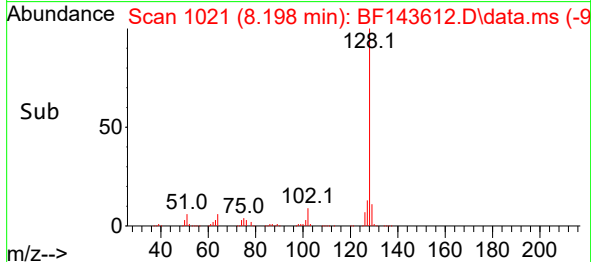
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion:128 Resp: 978238
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.6 15.8

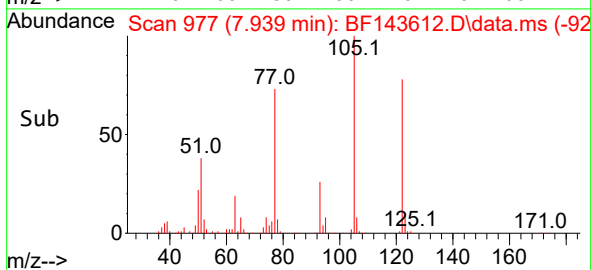
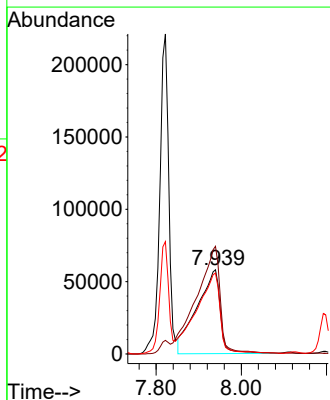
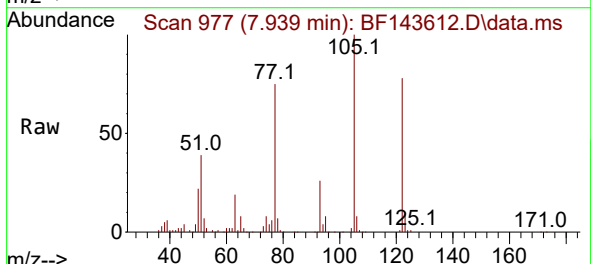
Manual Integrations
APPROVED

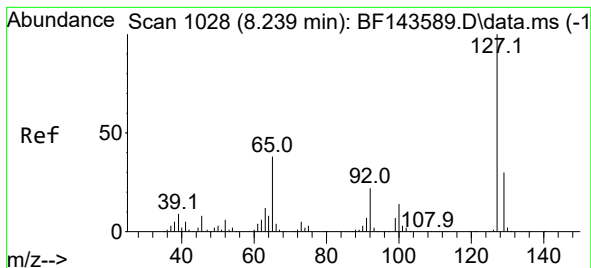
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#32
Benzoic acid
Concen: 64.832 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.017 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

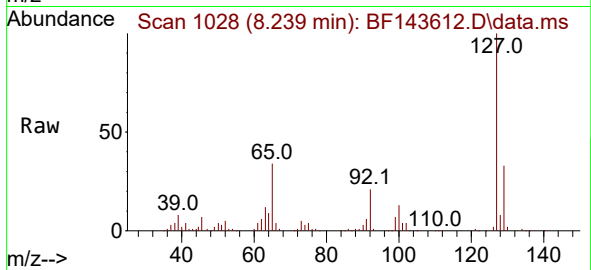
Tgt Ion:122 Resp: 221585
Ion Ratio Lower Upper
122 100
105 128.1 106.4 146.4
77 96.3 79.3 119.3





#33
4-Chloroaniline
Concen: 14.713 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

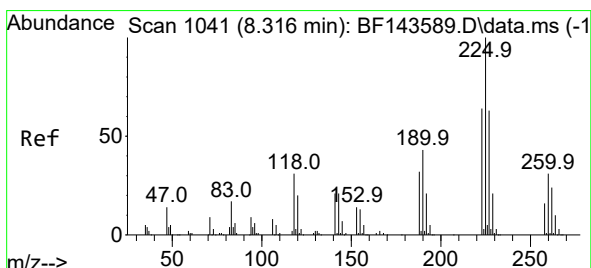
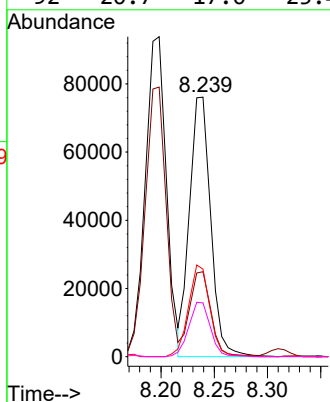
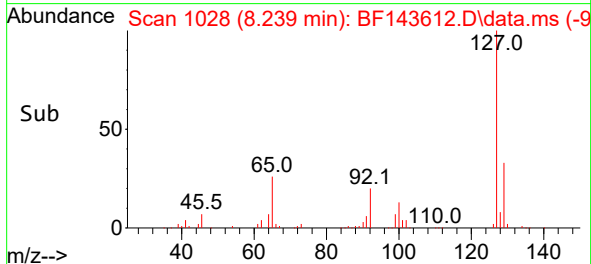
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion:	127	Resp:	106154
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.8	38.6
65	33.7	29.7	44.5
92	20.7	17.0	25.4

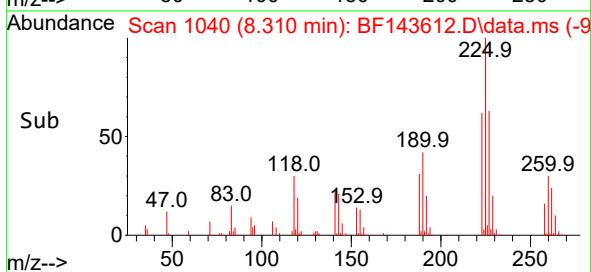
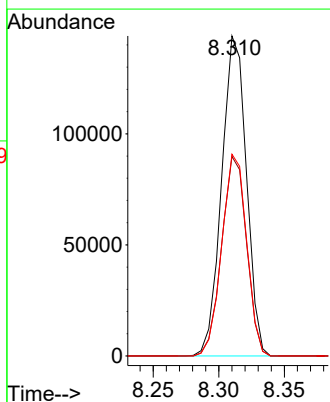
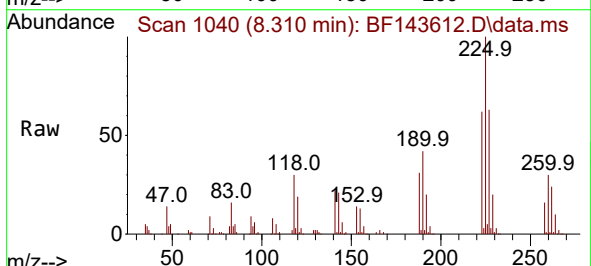
Manual Integrations
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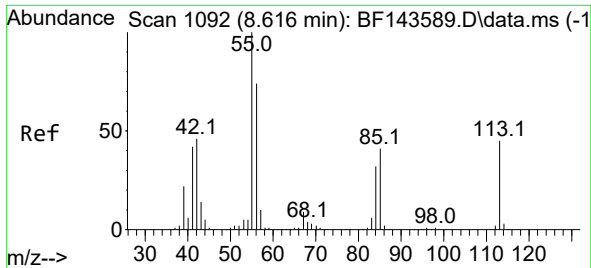
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#34
Hexachlorobutadiene
Concen: 49.537 ng
RT: 8.310 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

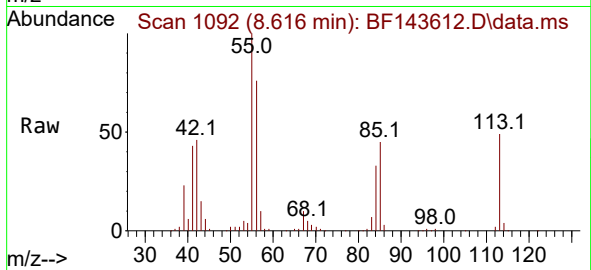
Tgt Ion:	225	Resp:	189285
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.8	76.2
227	63.1	50.6	76.0





#35
 Caprolactam
 Concen: 60.154 ng m
 RT: 8.616 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: BF143612.D
 Acq: 28 Aug 2025 16:15

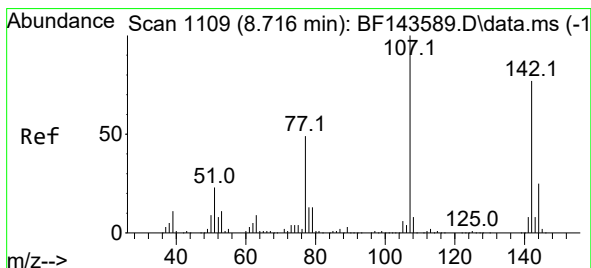
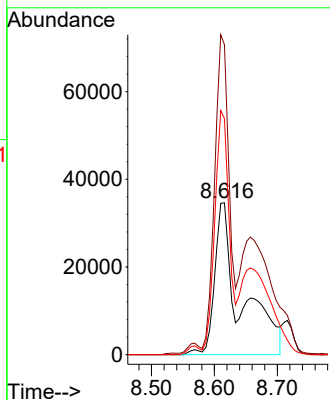
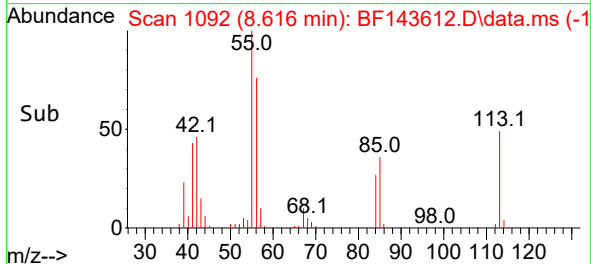
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-SOUTHMSD



Tgt Ion:113 Resp: 9925
 Ion Ratio Lower Upper
 113 100
 55 204.2 202.1 242.1
 56 155.5 145.4 185.4

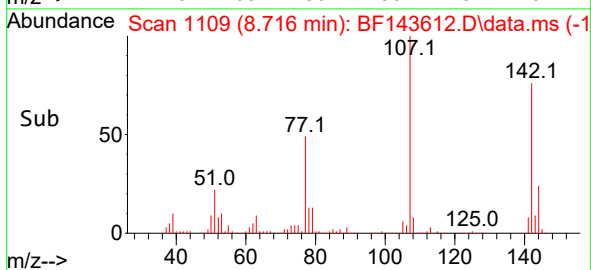
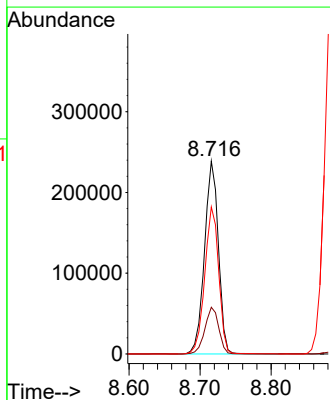
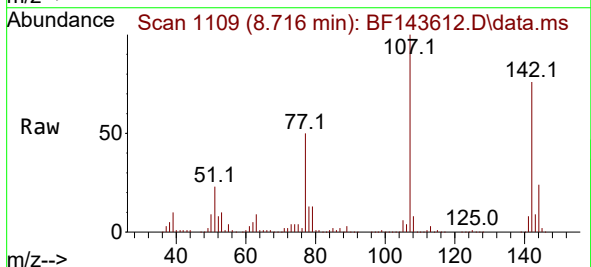
Manual Integrations
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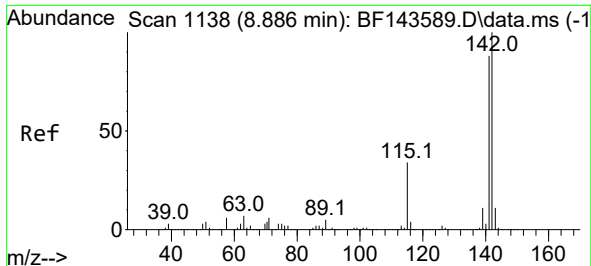
Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025



#36
 4-Chloro-3-methylphenol
 Concen: 53.705 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF143612.D
 Acq: 28 Aug 2025 16:15

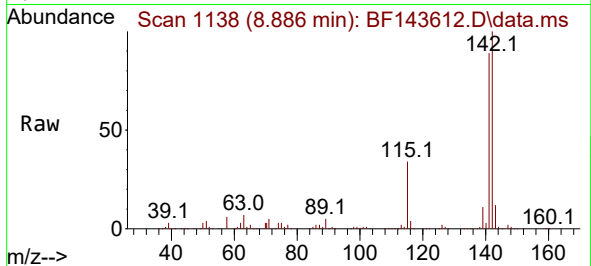
Tgt Ion:107 Resp: 326094
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.8 29.6
 142 76.3 61.7 92.5





#37
2-Methylnaphthalene
Concen: 44.783 ng
RT: 8.886 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

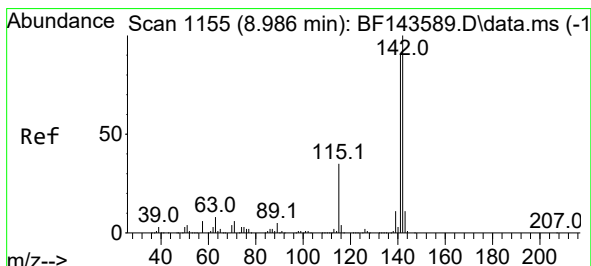
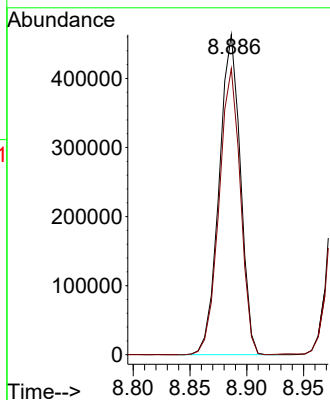
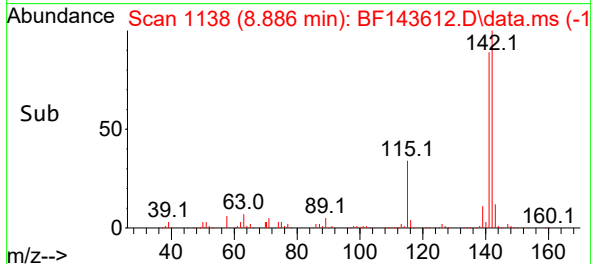
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion:142 Resp: 60400
Ion Ratio Lower Upper
142 100
141 89.4 70.2 105.4

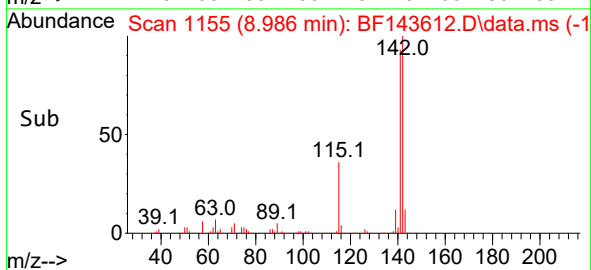
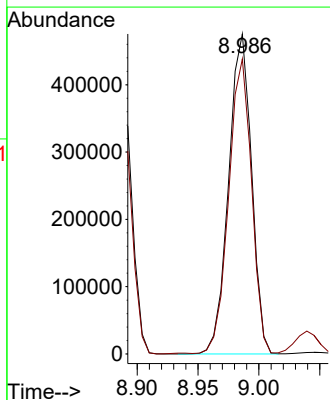
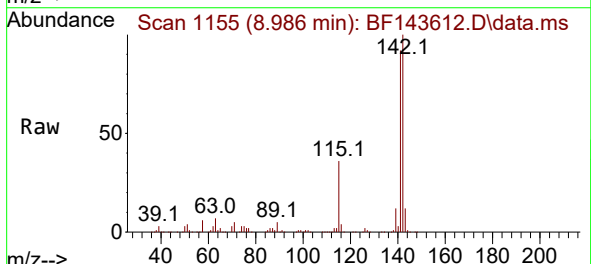
Manual Integrations
APPROVED

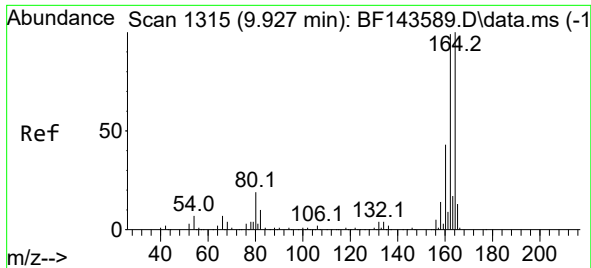
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#38
1-Methylnaphthalene
Concen: 47.819 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

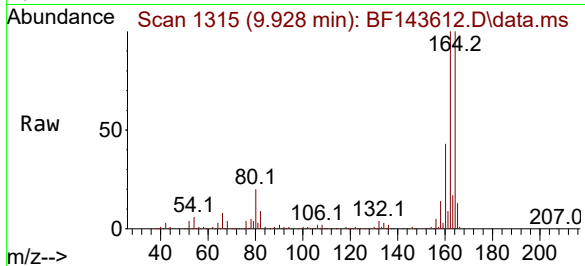
Tgt Ion:142 Resp: 622450
Ion Ratio Lower Upper
142 100
141 92.2 72.6 109.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1165
Delta R.T. 0.001 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

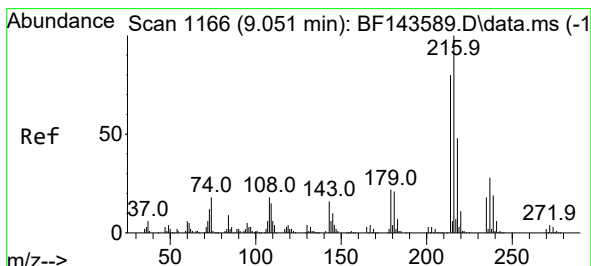
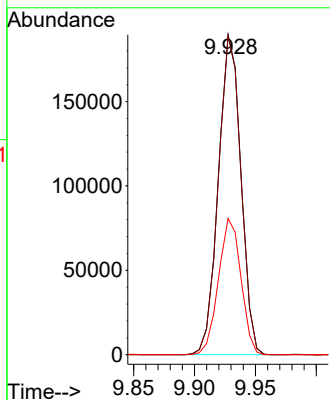
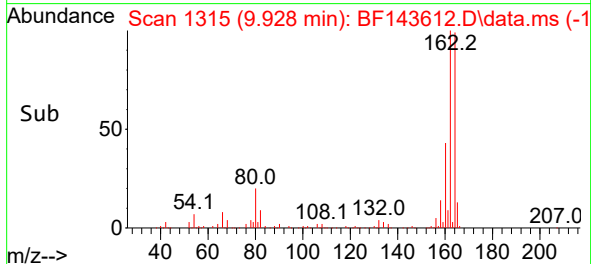
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion:164 Resp: 24414
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 42.5 34.2 51.4

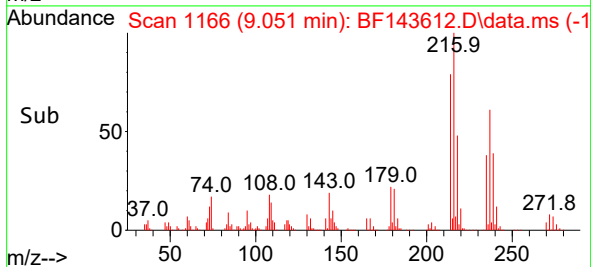
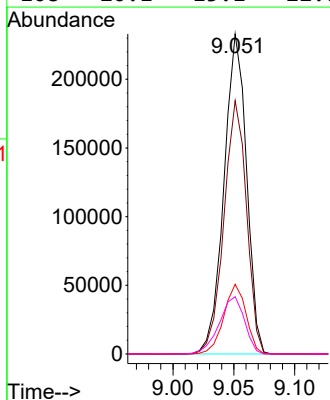
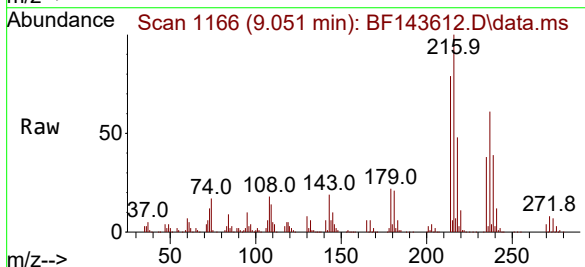
Manual Integrations
APPROVED

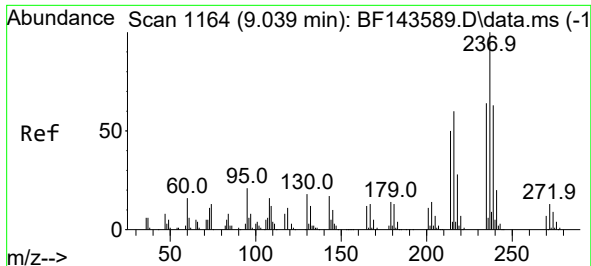
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.253 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

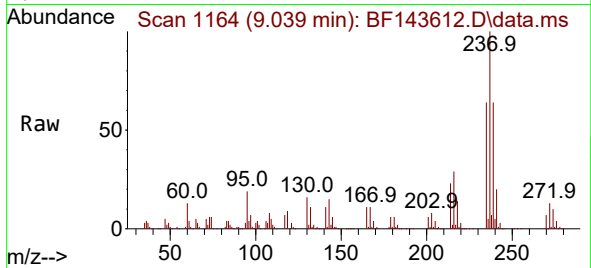
Tgt Ion:216 Resp: 300073
Ion Ratio Lower Upper
216 100
214 79.1 64.1 96.1
179 21.5 17.4 26.0
108 20.1 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 127.585 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

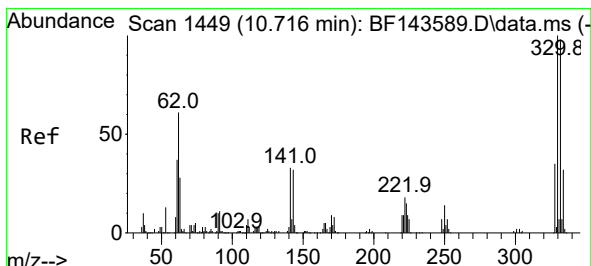
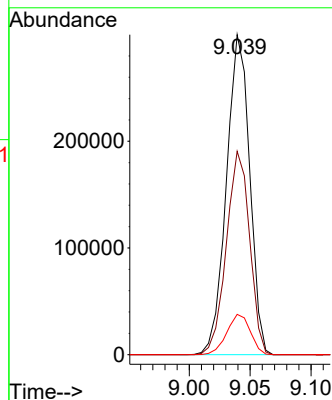
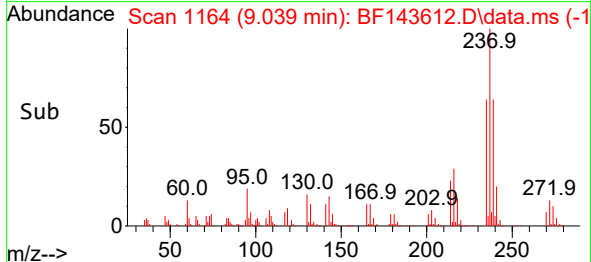
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



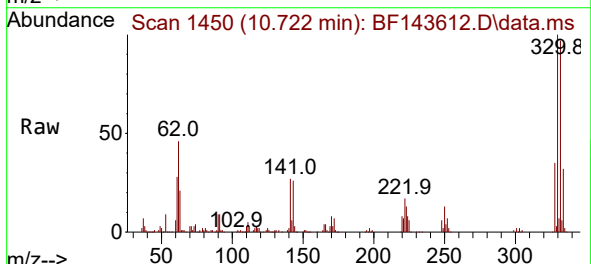
Tgt Ion:237 Resp: 398579
Ion Ratio Lower Upper
237 100
235 63.5 43.8 83.8
272 12.6 0.0 32.8

Manual Integrations
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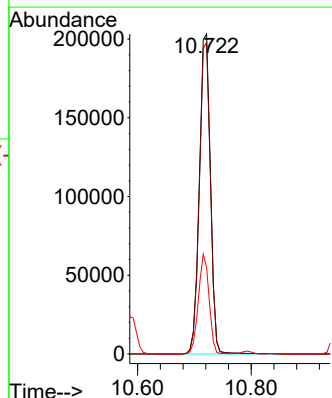
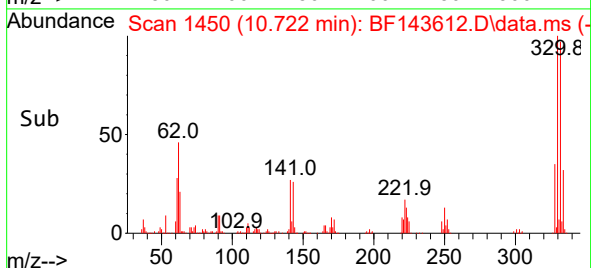
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

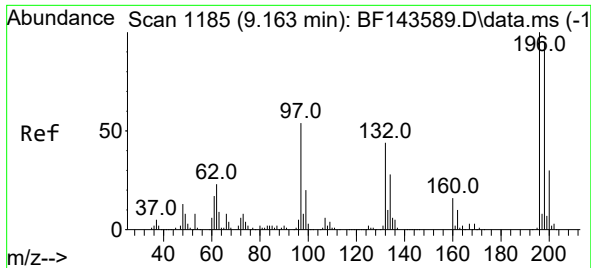


#42
2,4,6-Tribromophenol
Concen: 144.665 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



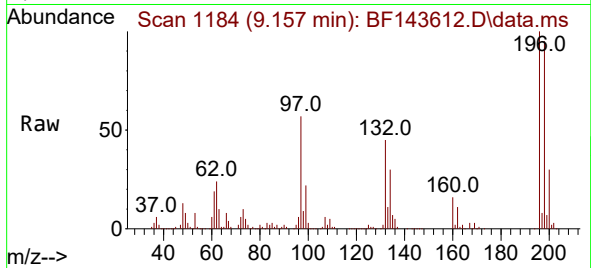
Tgt Ion:330 Resp: 276202
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.4
141 30.1 25.4 38.0





#43
2,4,6-Trichlorophenol
Concen: 55.510 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

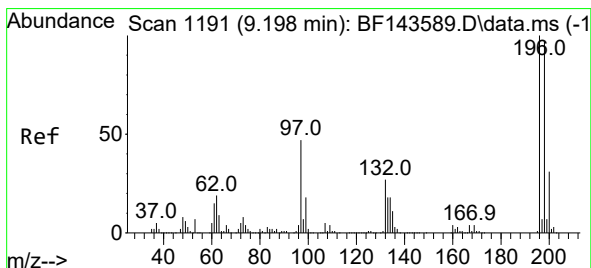
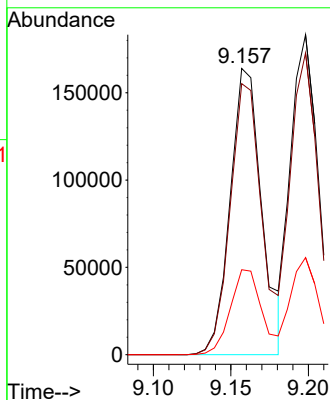
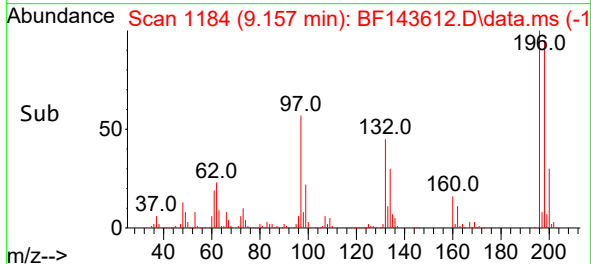
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



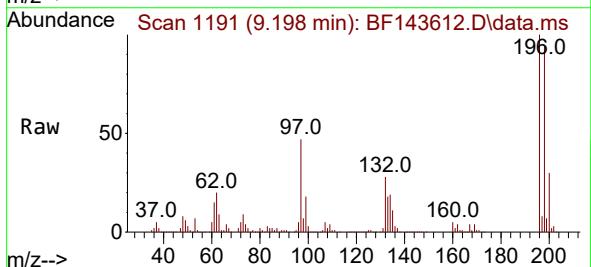
Tgt Ion:196 Resp: 232930
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.6
200 29.7 24.2 36.4

Manual Integrations
APPROVED

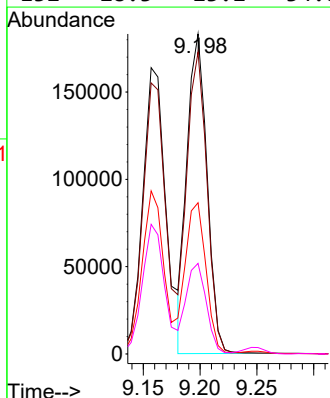
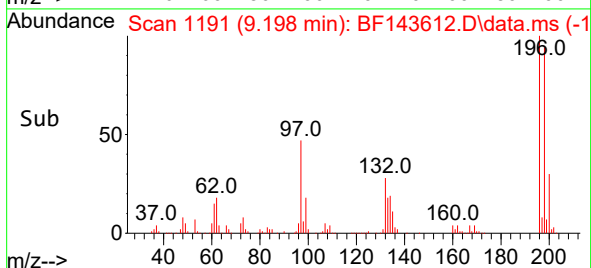
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

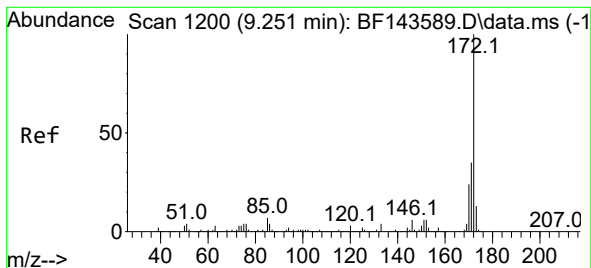


#44
2,4,5-Trichlorophenol
Concen: 52.909 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



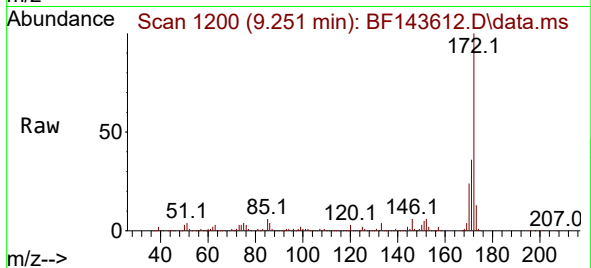
Tgt Ion:196 Resp: 224349
Ion Ratio Lower Upper
196 100
198 94.3 77.0 115.6
97 47.3 39.3 58.9
132 28.3 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 73.669 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

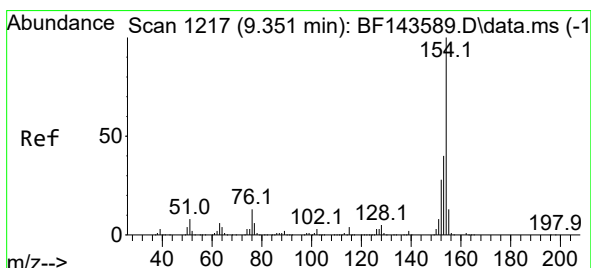
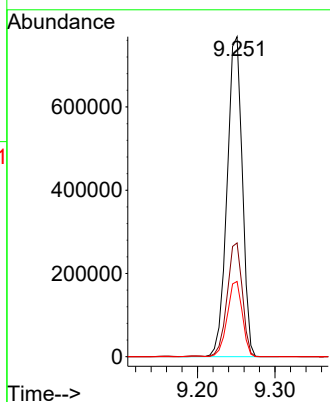
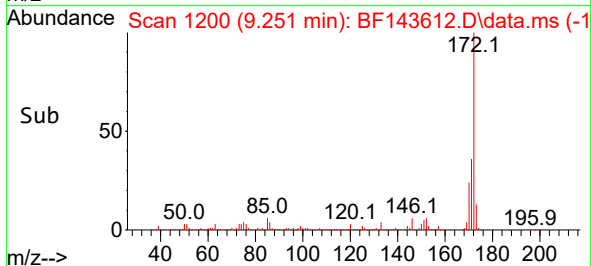
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



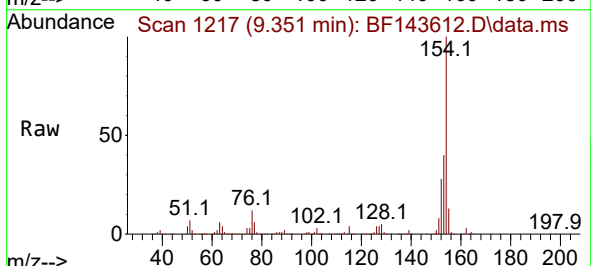
Tgt Ion:172 Resp: 1051940
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 19.0 28.4

Manual Integrations
APPROVED

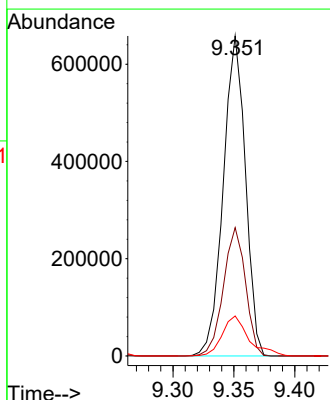
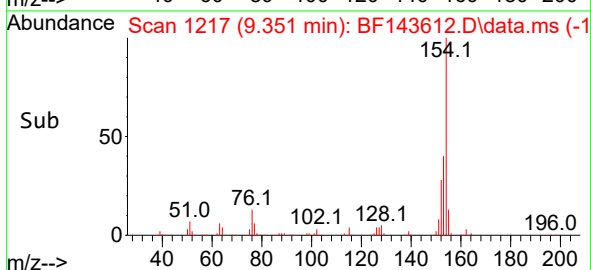
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

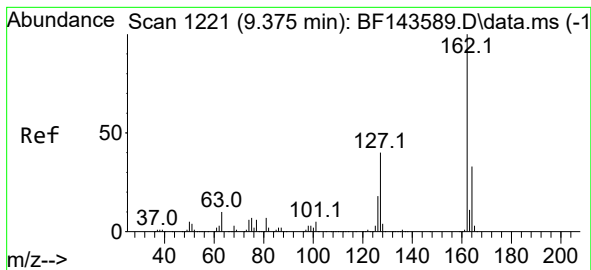


#46
1,1'-Biphenyl
Concen: 49.183 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



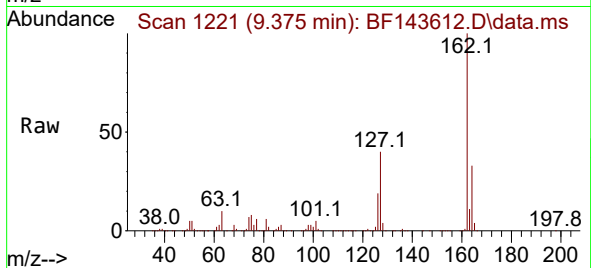
Tgt Ion:154 Resp: 833181
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 12.5 0.0 33.0





#47
2-Chloronaphthalene
Concen: 47.800 ng
RT: 9.375 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

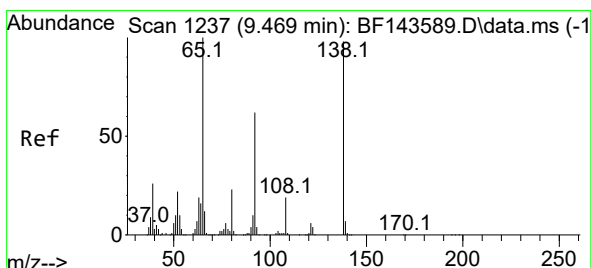
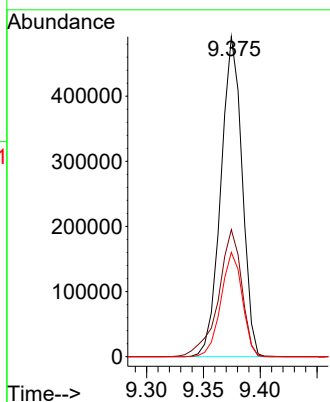
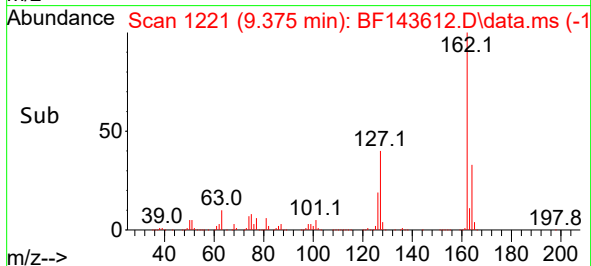
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion:162 Resp: 639659
Ion Ratio Lower Upper
162 100
127 39.7 32.6 48.8
164 32.6 26.1 39.1

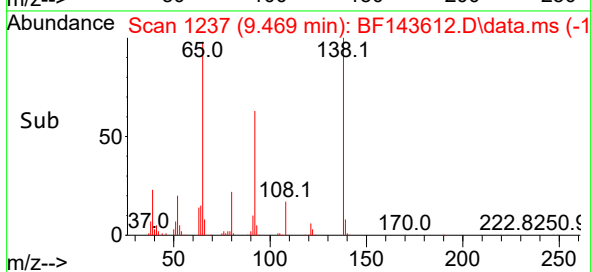
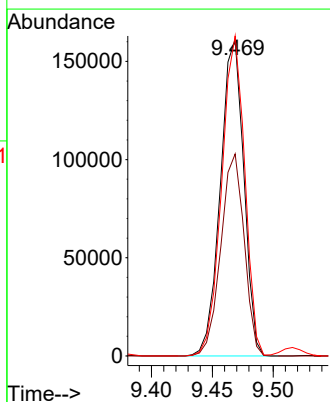
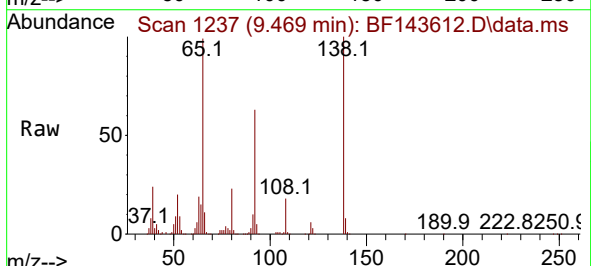
Manual Integrations
APPROVED

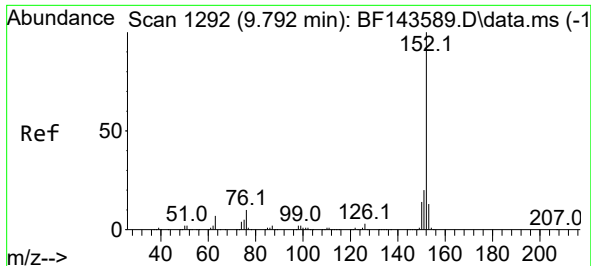
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#48
2-Nitroaniline
Concen: 57.039 ng
RT: 9.469 min Scan# 1237
Delta R.T. -0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

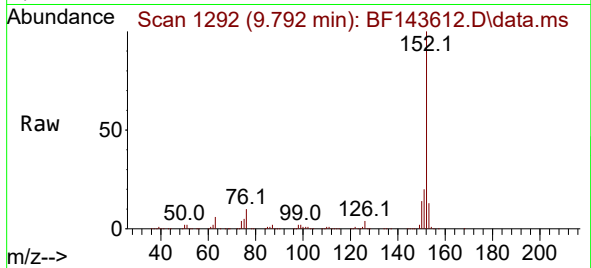
Tgt Ion: 65 Resp: 215319
Ion Ratio Lower Upper
65 100
92 63.8 49.6 74.4
138 101.0 78.6 118.0





#49
Acenaphthylene
Concen: 54.272 ng
RT: 9.792 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

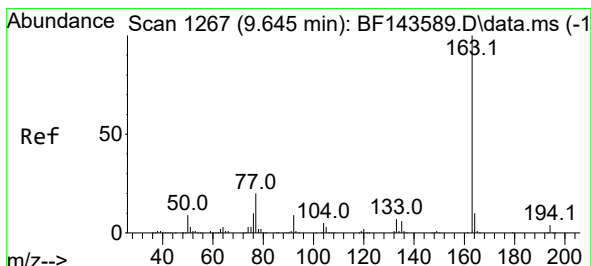
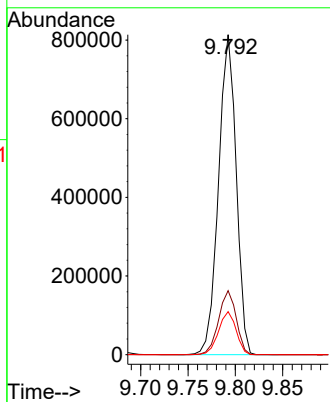
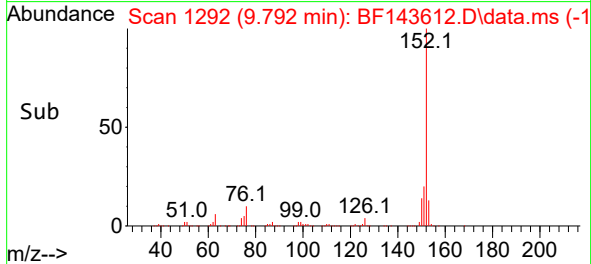
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



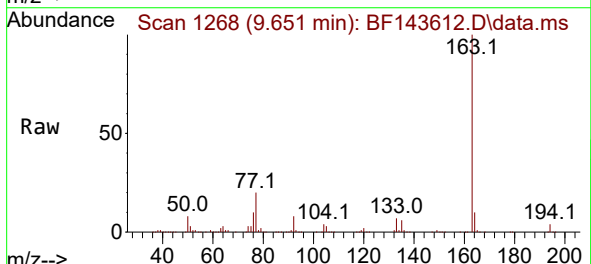
Tgt Ion:152 Resp: 105670
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.5 10.6 15.8

Manual Integrations
APPROVED

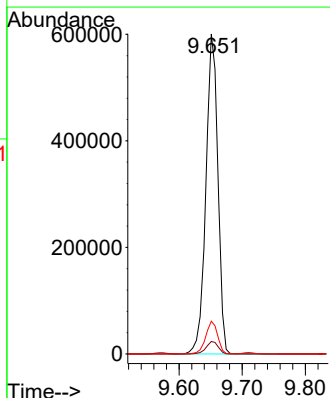
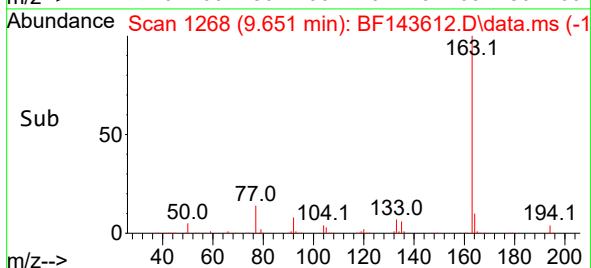
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

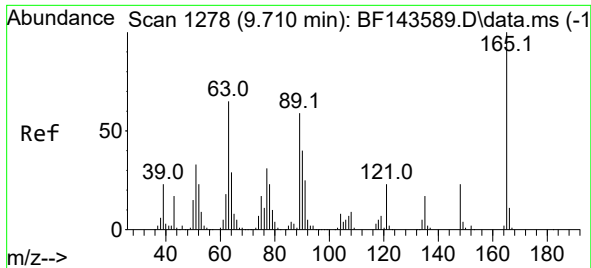


#50
Dimethylphthalate
Concen: 52.636 ng
RT: 9.651 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



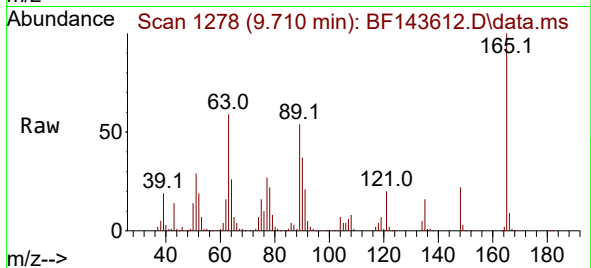
Tgt Ion:163 Resp: 790432
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 64.215 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

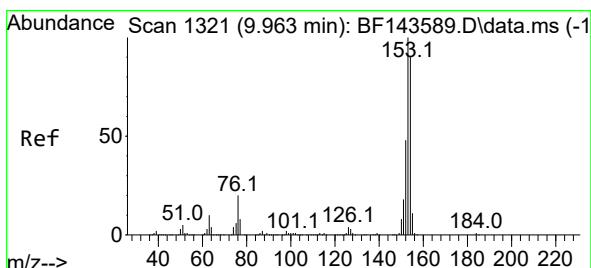
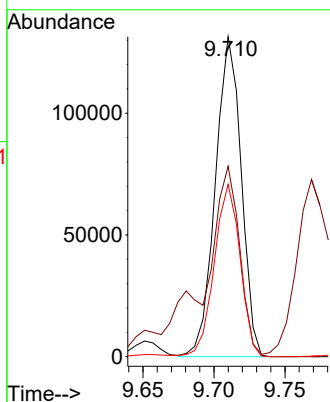
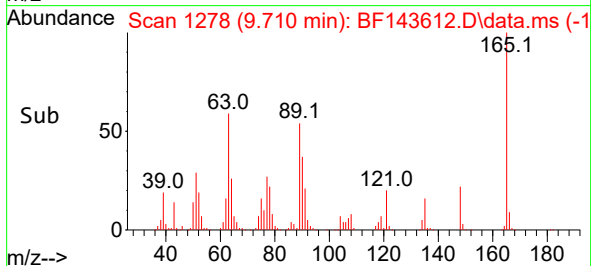
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion:165 Resp: 166490
Ion Ratio Lower Upper
165 100
63 59.5 51.8 77.6
89 53.9 47.4 71.2

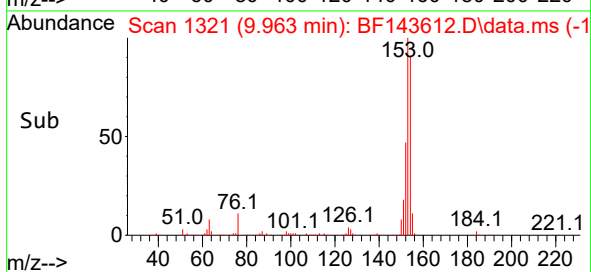
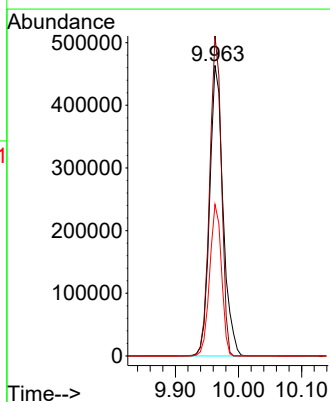
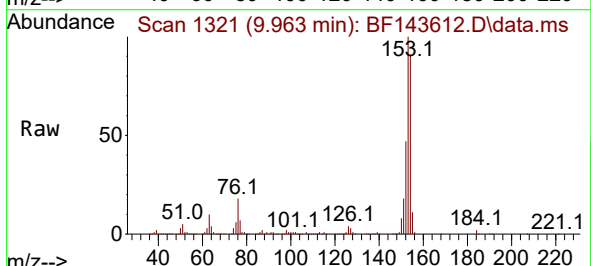
Manual Integrations
APPROVED

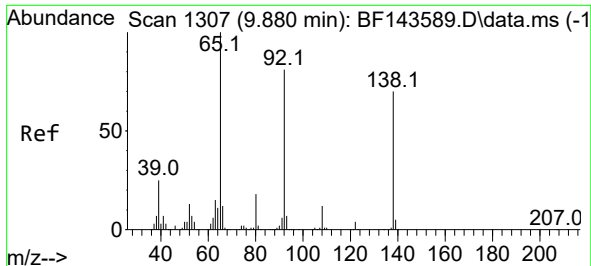
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#52
Acenaphthene
Concen: 53.530 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

Tgt Ion:154 Resp: 682713
Ion Ratio Lower Upper
154 100
153 110.1 89.0 133.4
152 52.2 42.9 64.3





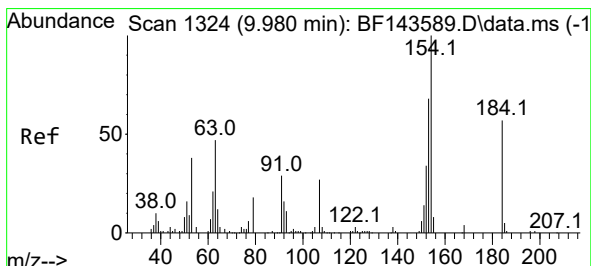
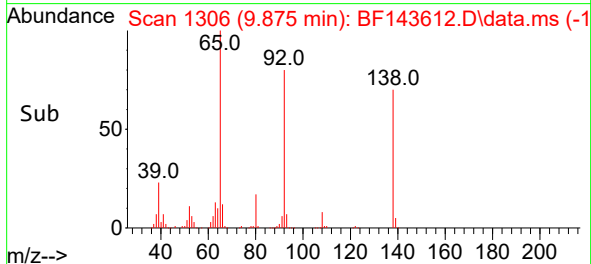
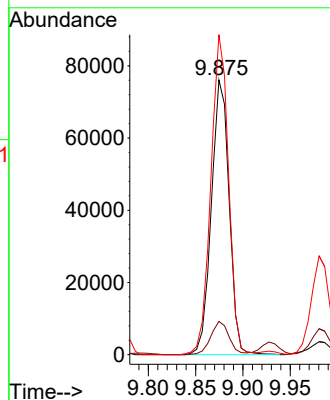
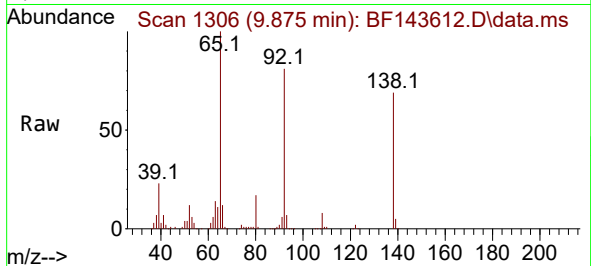
#53
3-Nitroaniline
Concen: 34.550 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD

Tgt Ion:138 Resp: 9917
Ion Ratio Lower Upper
138 100
108 12.1 13.8 20.8
92 116.5 92.6 139.0

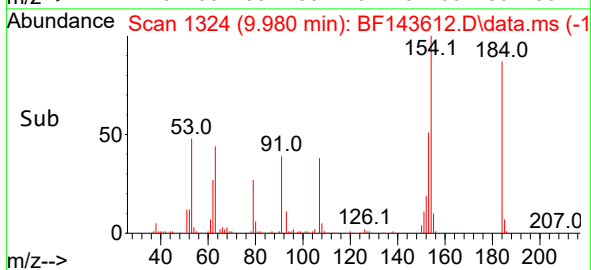
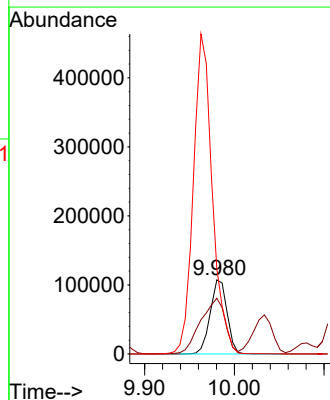
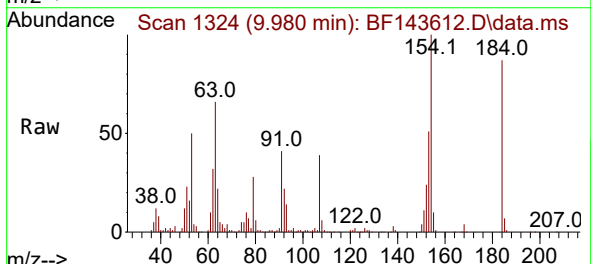
Manual Integrations
APPROVED

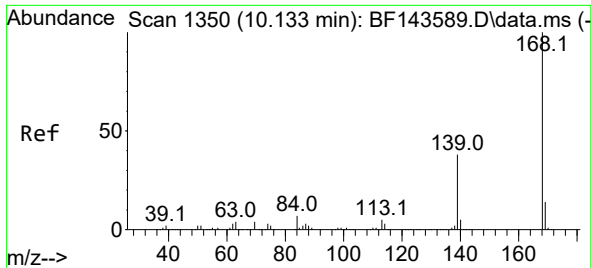
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#54
2,4-Dinitrophenol
Concen: 110.658 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

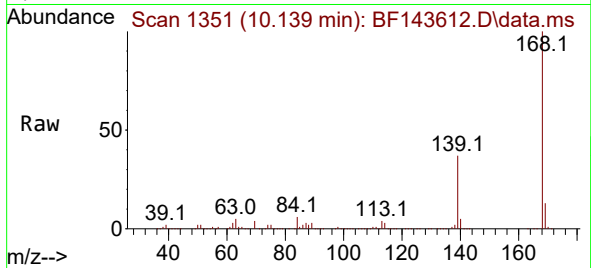
Tgt Ion:184 Resp: 140184
Ion Ratio Lower Upper
184 100
63 75.2 80.9 121.3#
154 114.8 262.0 393.0#





#55
Dibenzenofuran
Concen: 49.511 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

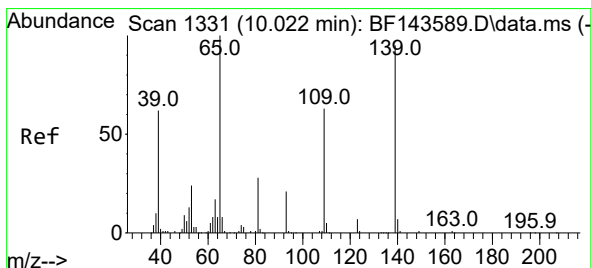
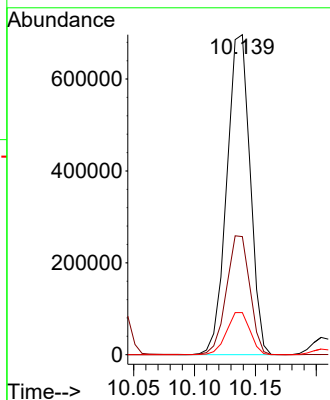
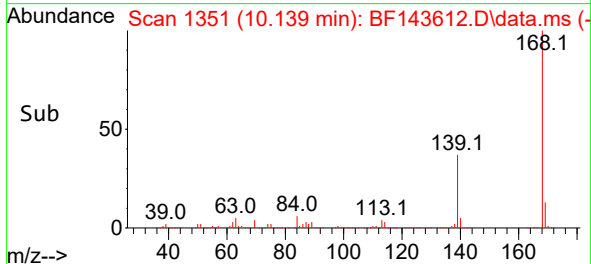
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



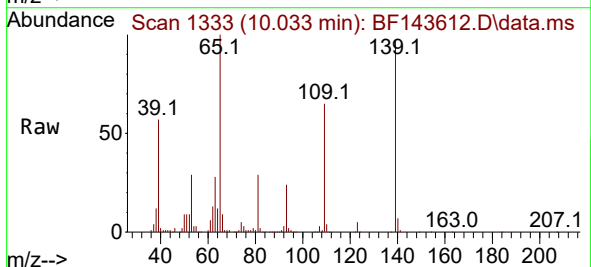
Tgt Ion:168 Resp: 925800
Ion Ratio Lower Upper
168 100
139 36.9 30.6 46.0
169 13.1 10.9 16.3

Manual Integrations
APPROVED

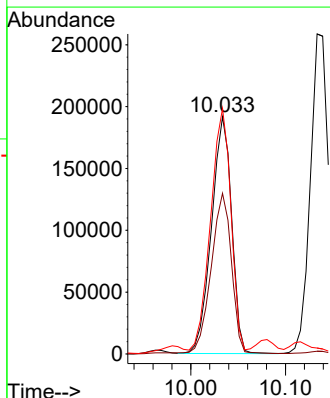
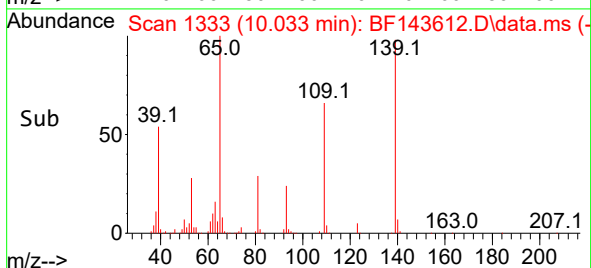
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

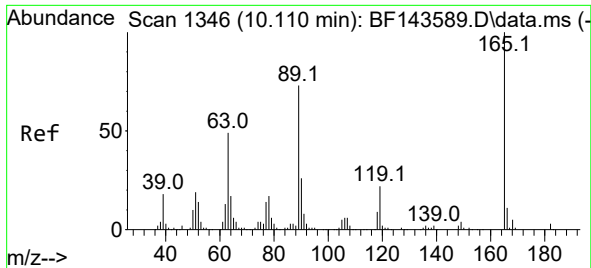


#56
4-Nitrophenol
Concen: 107.867 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.011 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



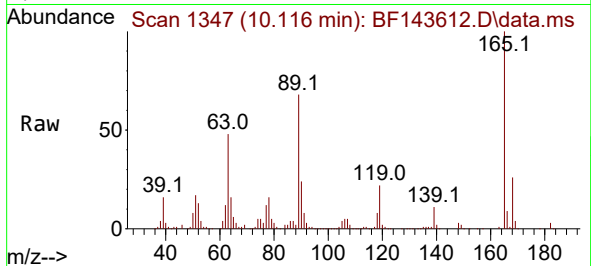
Tgt Ion:139 Resp: 283884
Ion Ratio Lower Upper
139 100
109 67.8 47.3 87.3
65 103.6 86.8 126.8





#57
2,4-Dinitrotoluene
Concen: 65.853 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

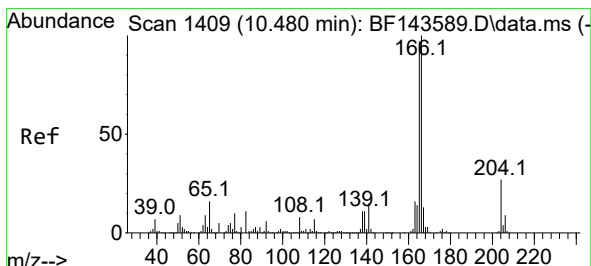
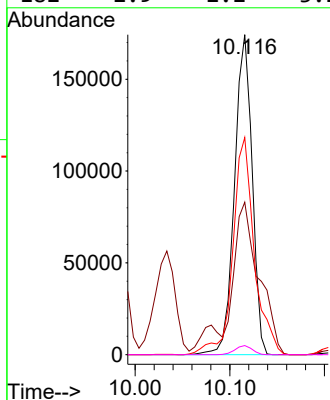
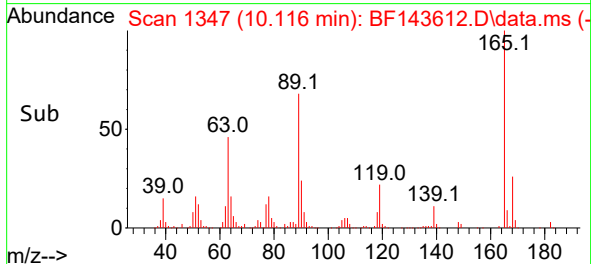
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



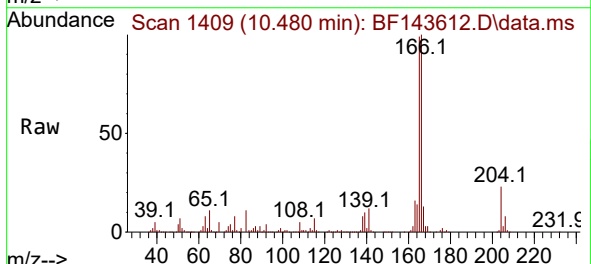
Tgt Ion:165 Resp: 224768
Ion Ratio Lower Upper
165 100
63 47.6 39.5 59.3
89 67.9 58.1 87.1
182 2.9 2.2 3.2

Manual Integrations
APPROVED

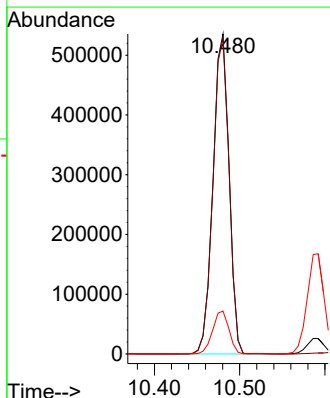
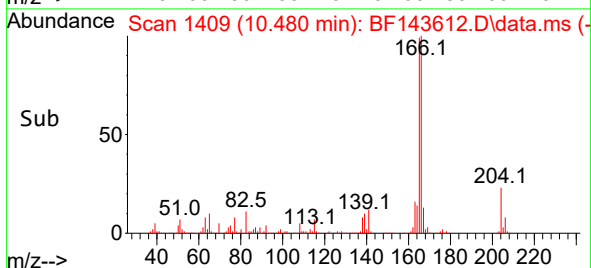
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

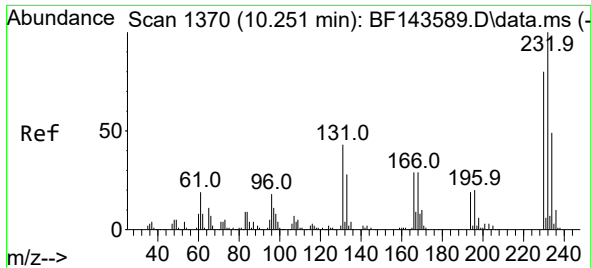


#58
Fluorene
Concen: 49.943 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



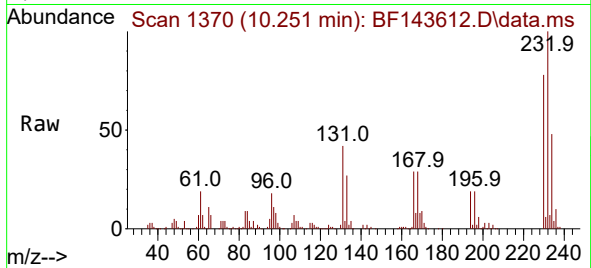
Tgt Ion:166 Resp: 701167
Ion Ratio Lower Upper
166 100
165 98.7 77.7 116.5
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 62.144 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

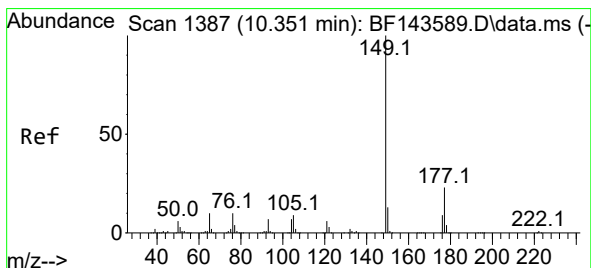
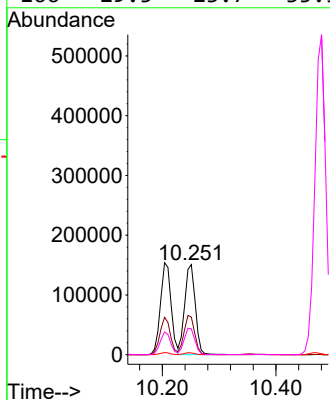
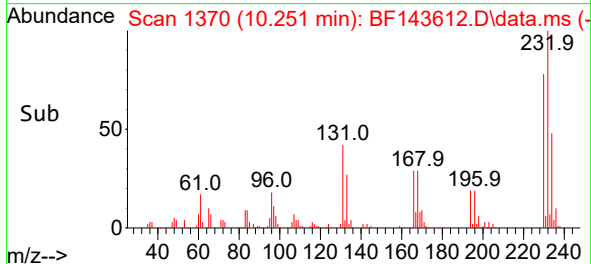
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



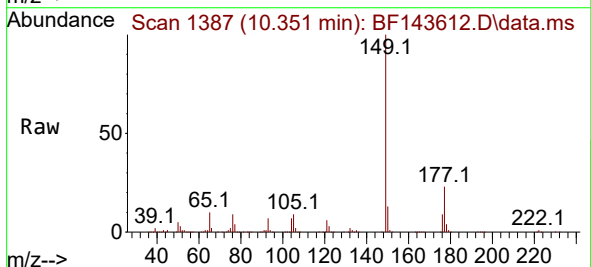
Tgt Ion:232 Resp: 194810
Ion Ratio Lower Upper
232 100
131 43.5 35.9 53.9
130 2.1 1.8 2.8
166 29.5 23.7 35.5

Manual Integrations
APPROVED

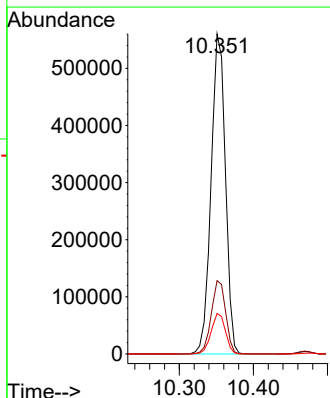
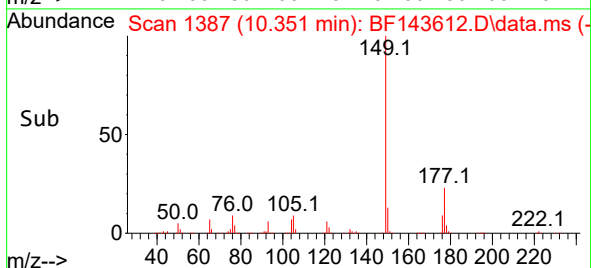
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

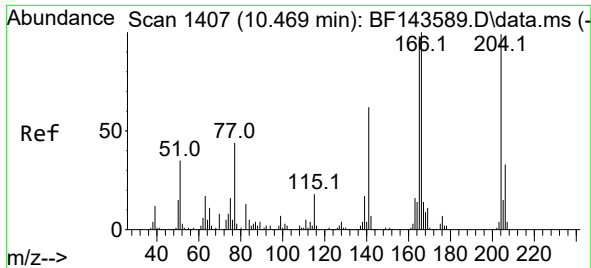


#60
Diethylphthalate
Concen: 53.440 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



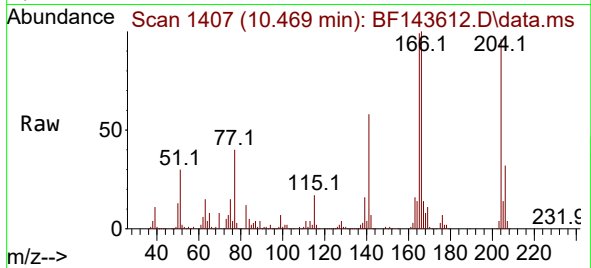
Tgt Ion:149 Resp: 752068
Ion Ratio Lower Upper
149 100
177 22.9 18.1 27.1
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.207 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

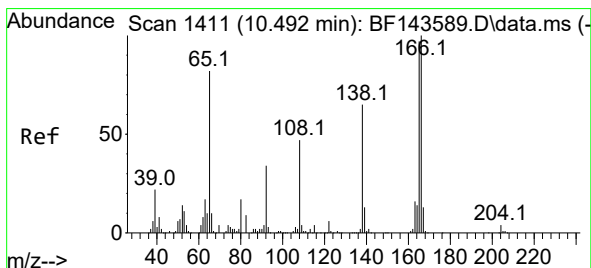
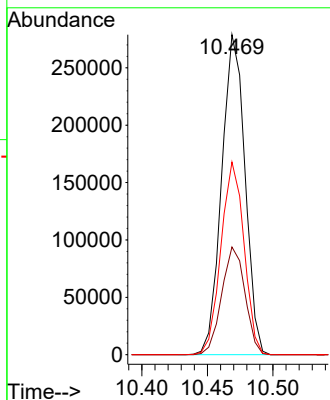
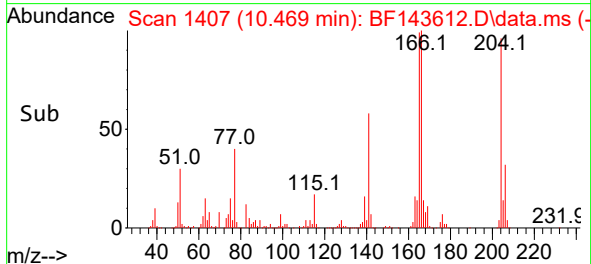
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



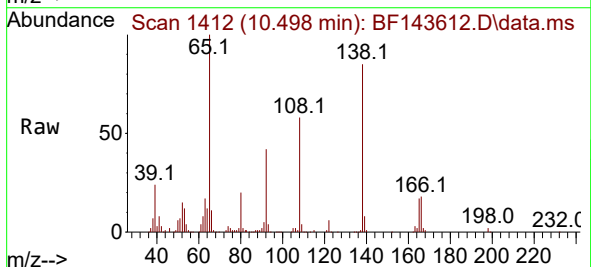
Tgt Ion:204 Resp: 34472
Ion Ratio Lower Upper
204 100
206 33.6 27.0 40.6
141 60.2 50.2 75.2

Manual Integrations
APPROVED

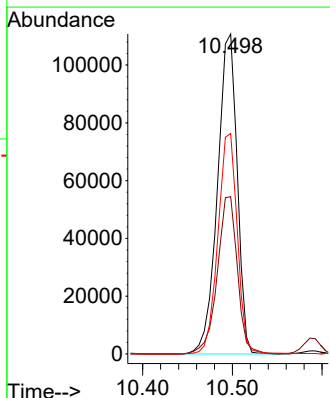
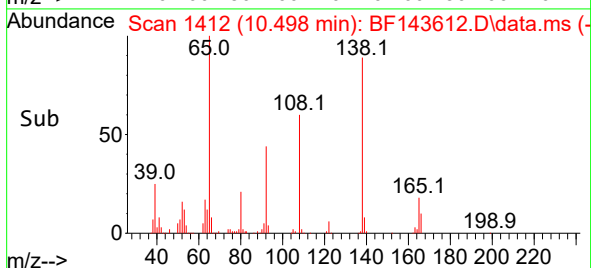
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

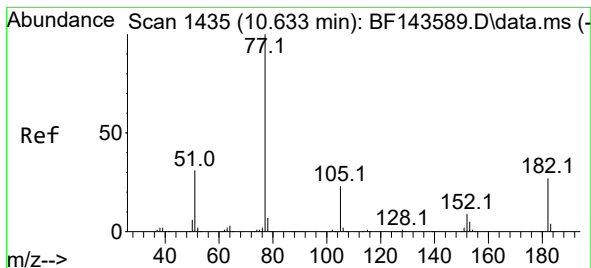


#62
4-Nitroaniline
Concen: 59.659 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



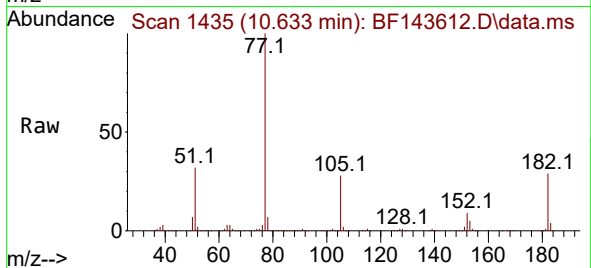
Tgt Ion:138 Resp: 169012
Ion Ratio Lower Upper
138 100
92 49.2 31.3 71.3
108 68.9 51.6 91.6





#63
Azobenzene
Concen: 54.460 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

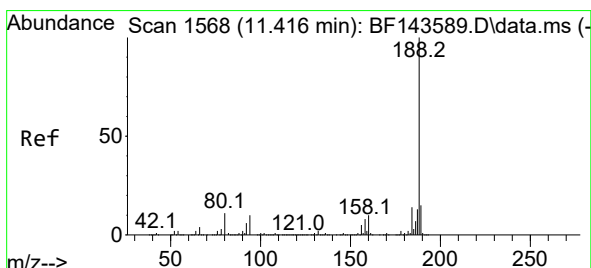
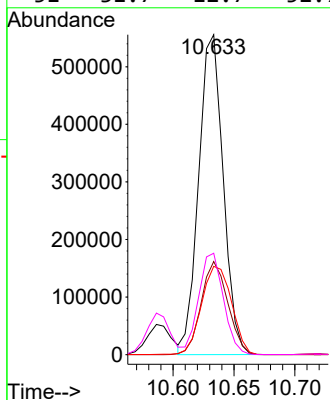
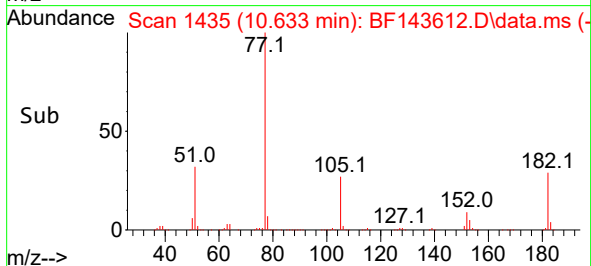
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



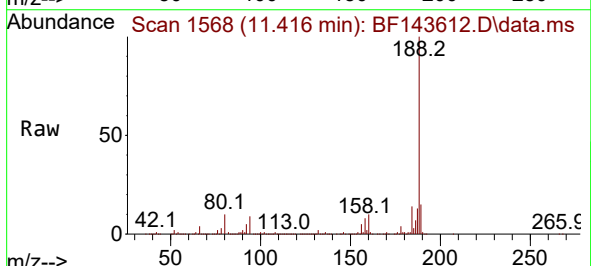
Tgt Ion: 77 Resp: 777078
Ion Ratio Lower Upper
77 100
182 29.1 6.3 46.3
105 27.6 2.4 42.4
51 31.7 12.7 52.7

Manual Integrations
APPROVED

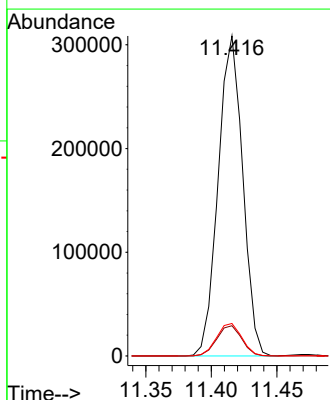
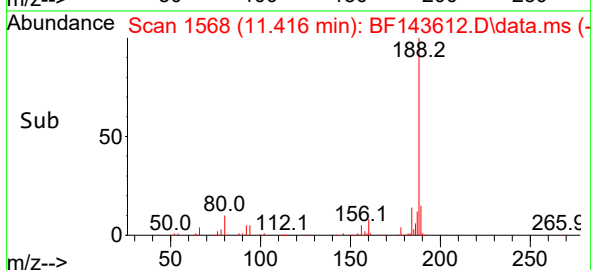
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

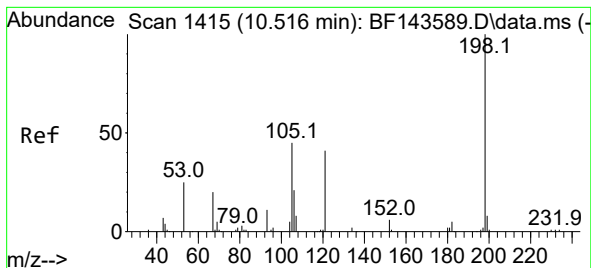


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



Tgt Ion:188 Resp: 401500
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.4
80 10.1 8.9 13.3





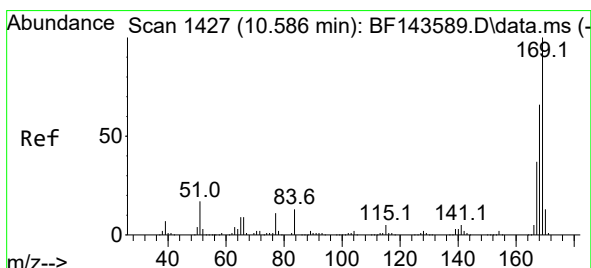
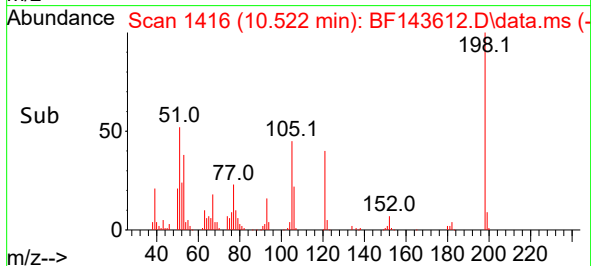
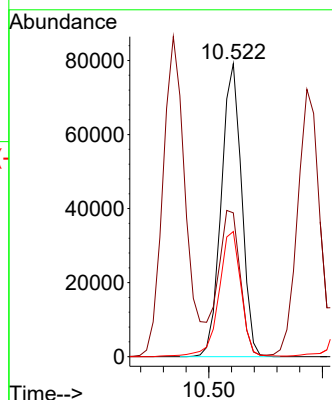
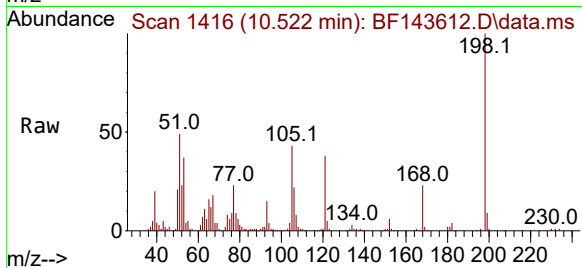
#65
4,6-Dinitro-2-methylphenol
Concen: 64.664 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD

Tgt Ion:198 Resp: 98440
Ion Ratio Lower Upper
198 100
51 49.1 41.5 81.5
105 42.7 28.2 68.2

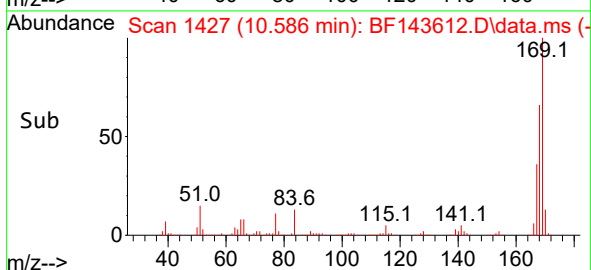
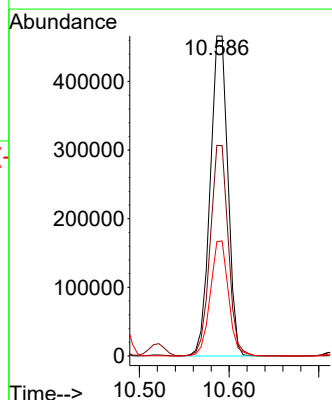
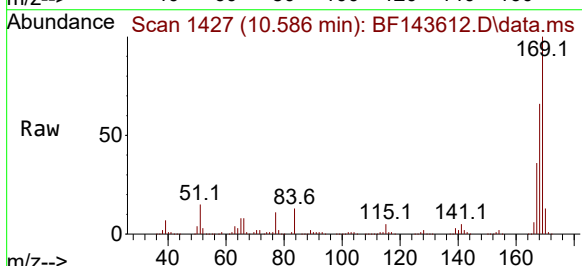
Manual Integrations
APPROVED

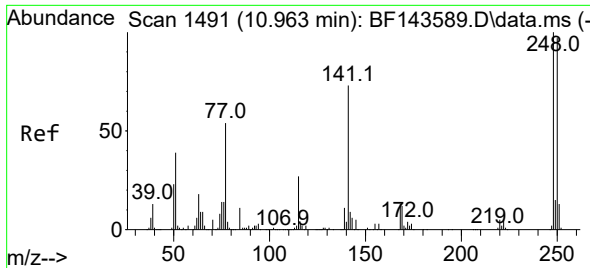
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#66
n-Nitrosodiphenylamine
Concen: 49.792 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

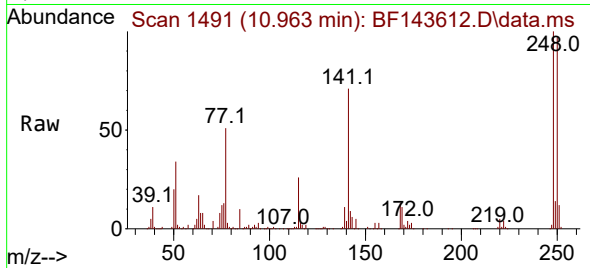
Tgt Ion:169 Resp: 635890
Ion Ratio Lower Upper
169 100
168 65.8 53.1 79.7
167 35.7 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 50.679 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

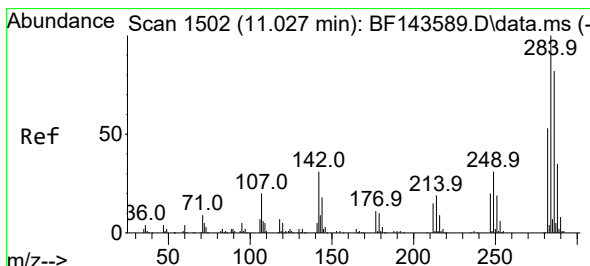
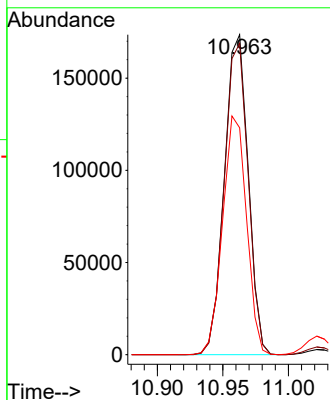
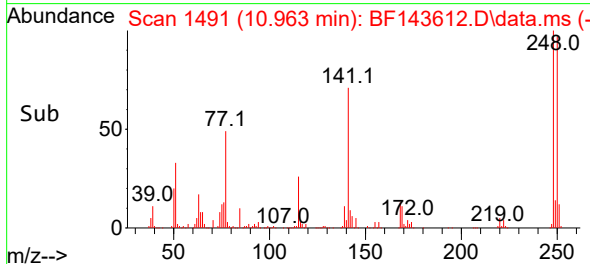
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



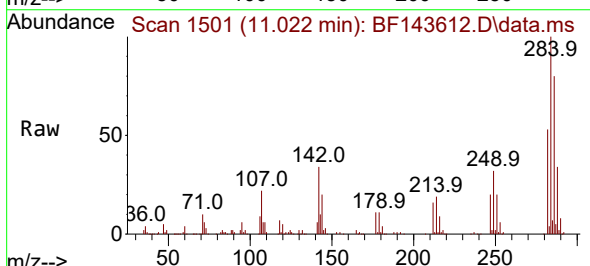
Tgt Ion:248 Resp: 220093
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 70.9 58.5 87.7

Manual Integrations
APPROVED

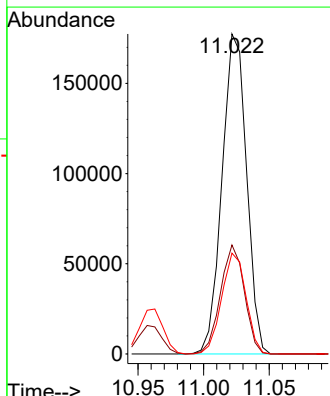
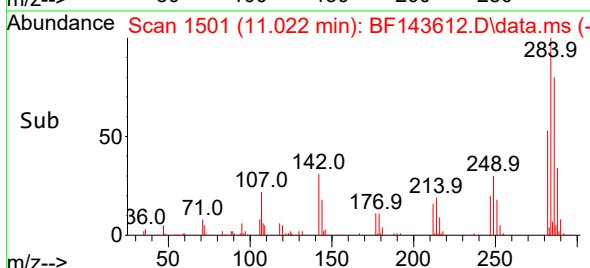
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

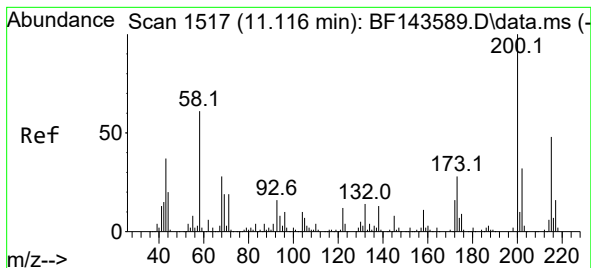


#68
Hexachlorobenzene
Concen: 49.647 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.005 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



Tgt Ion:284 Resp: 230624
Ion Ratio Lower Upper
284 100
142 34.0 24.7 37.1
249 31.5 25.0 37.6





#69

Atrazine

Concen: 54.795 ng

RT: 11.116 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF143612.D

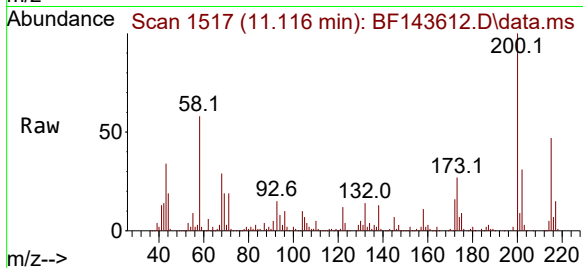
Acq: 28 Aug 2025 16:15

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMSD



Tgt Ion:200 Resp: 20115

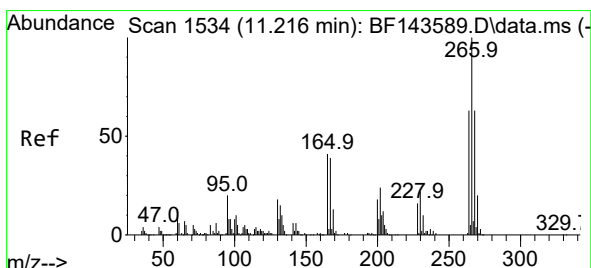
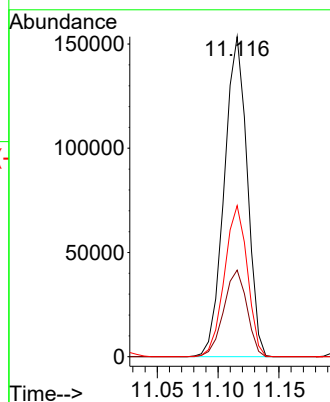
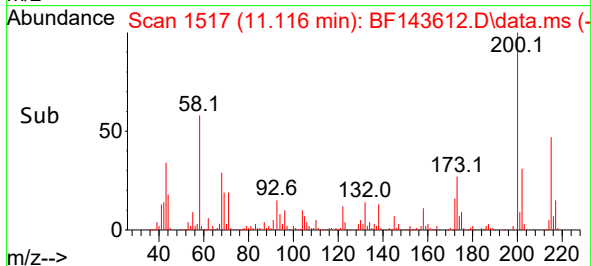
Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.6	47.6
215	47.2	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#70

Pentachlorophenol

Concen: 108.158 ng

RT: 11.216 min Scan# 1534

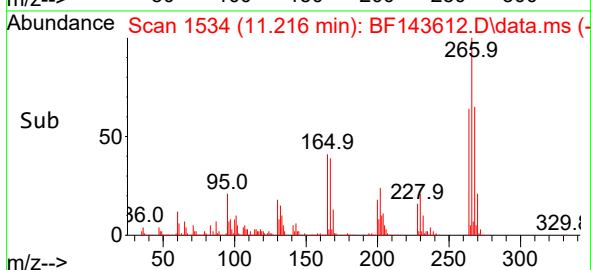
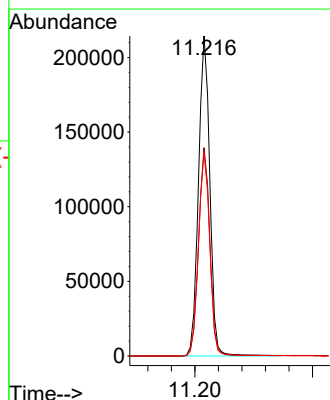
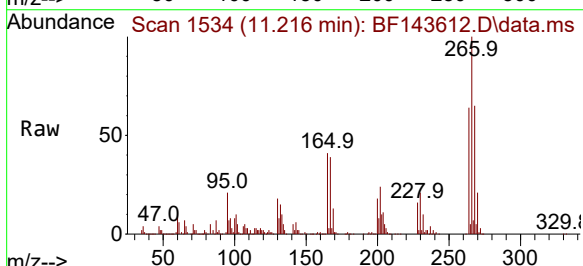
Delta R.T. -0.000 min

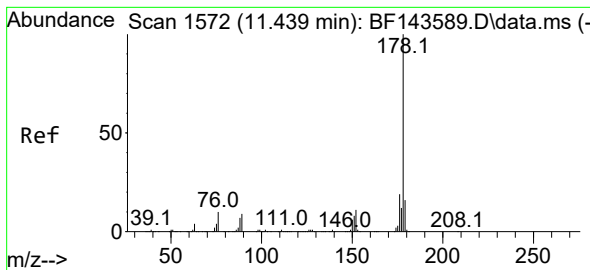
Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

Tgt Ion:266 Resp: 287054

Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.4	75.6
264	63.5	50.1	75.1





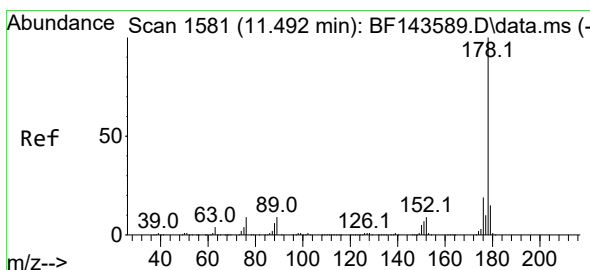
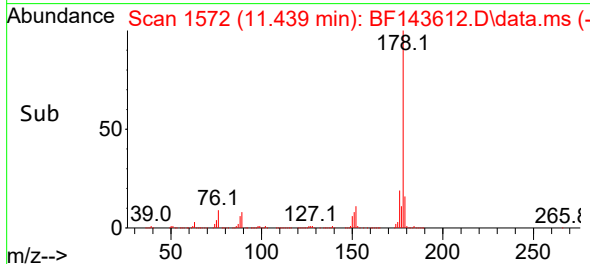
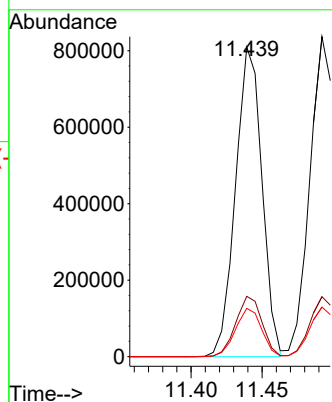
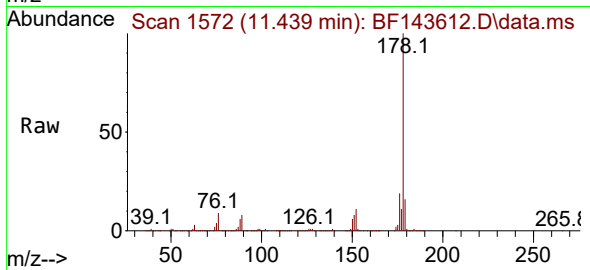
#71
Phenanthrene
Concen: 48.761 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD

Tgt Ion:178 Resp: 1048214
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.6 12.5 18.7

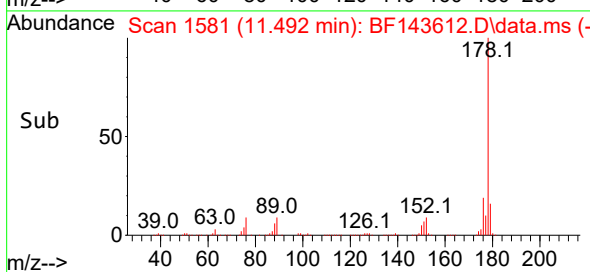
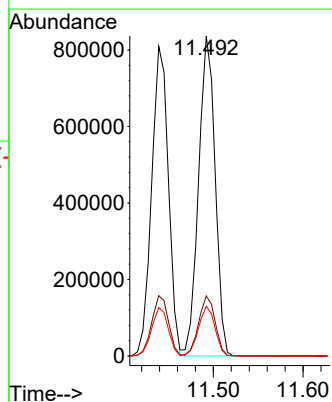
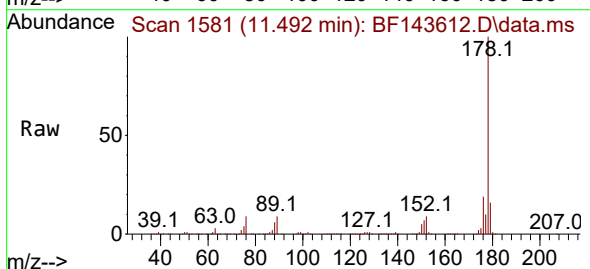
Manual Integrations
APPROVED

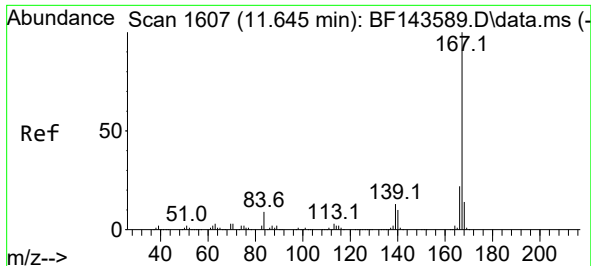
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#72
Anthracene
Concen: 49.436 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

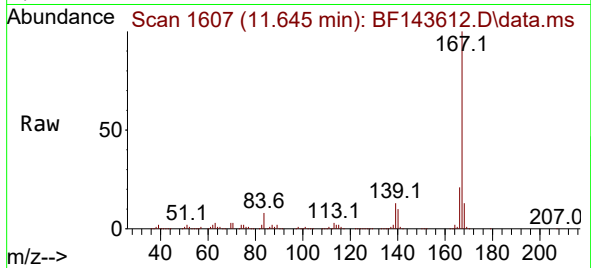
Tgt Ion:178 Resp: 1070983
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 49.573 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF143612.D
 Acq: 28 Aug 2025 16:15

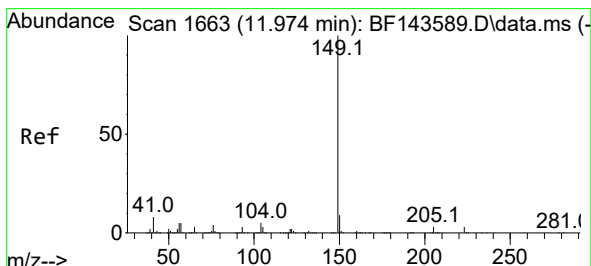
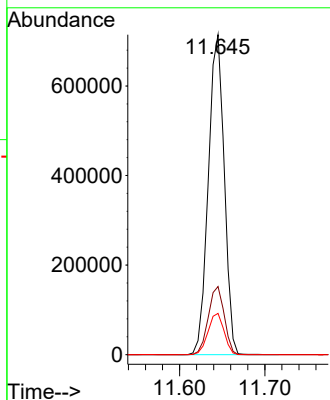
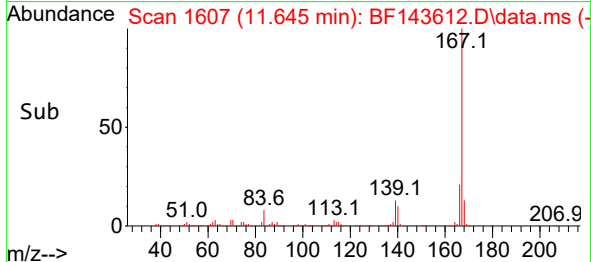
Instrument :
 BNA_F
 ClientSampleId :
 BRIDGE-SOUTHMSD



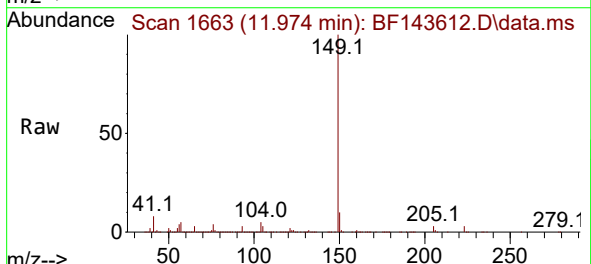
Tgt Ion:167 Resp: 928315
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 12.9 10.4 15.6

Manual Integrations
 APPROVED

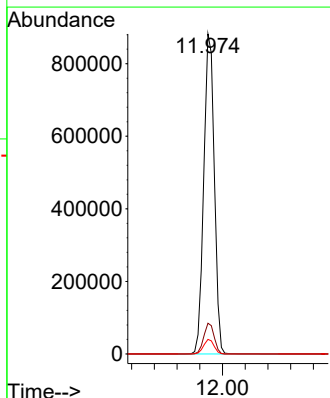
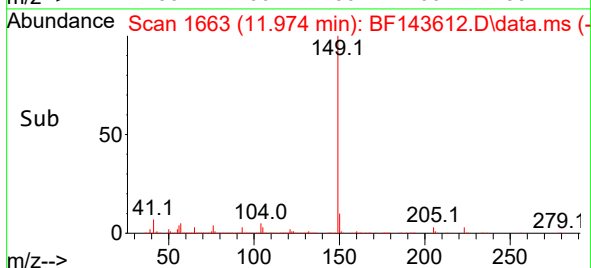
Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025

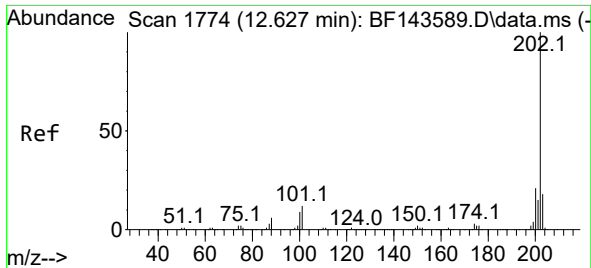


#74
 Di-n-butylphthalate
 Concen: 59.356 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143612.D
 Acq: 28 Aug 2025 16:15



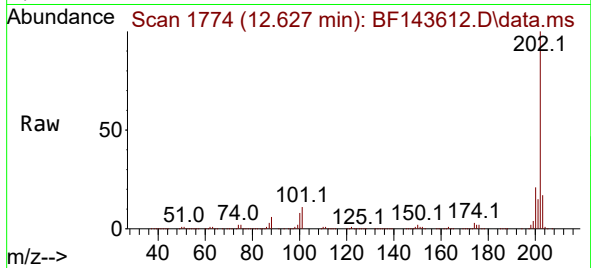
Tgt Ion:149 Resp: 1132143
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 48.962 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

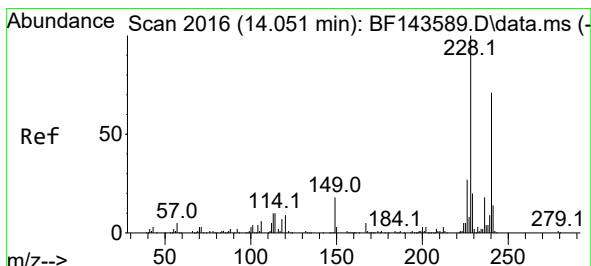
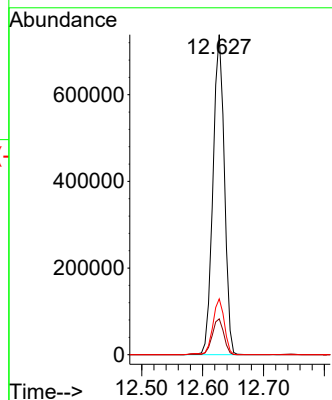
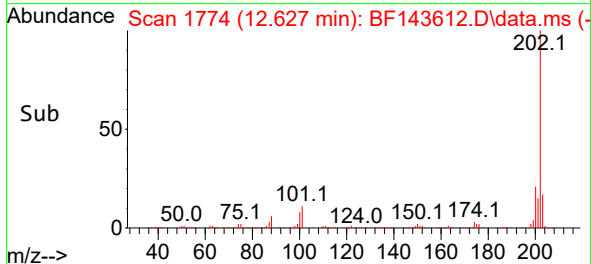
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



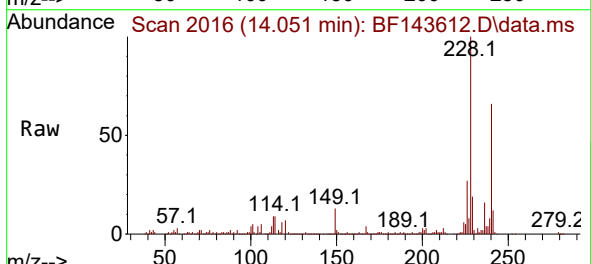
Tgt Ion:202 Resp: 961028
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.3
203 17.4 0.0 37.5

Manual Integrations
APPROVED

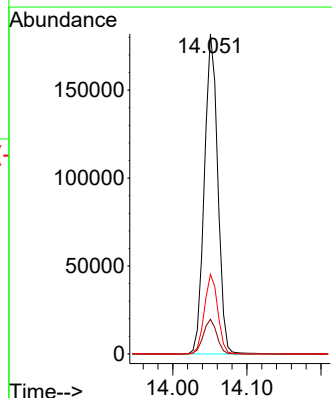
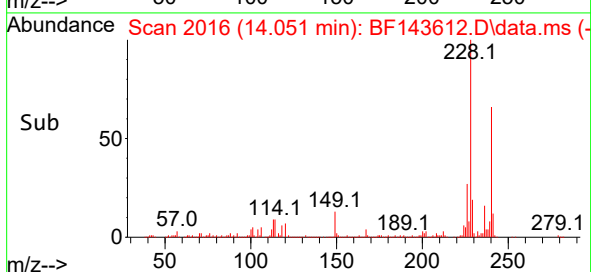
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

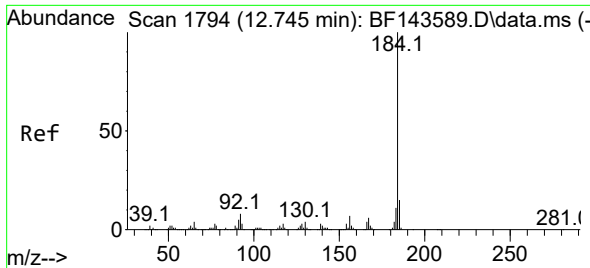


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



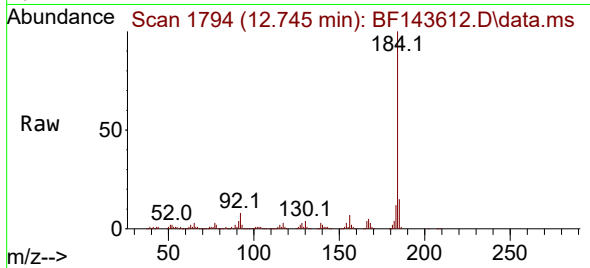
Tgt Ion:240 Resp: 228377
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 24.9 20.2 30.2





#77
Benzidine
Concen: 44.961 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

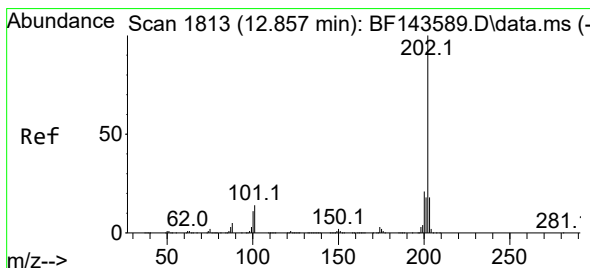
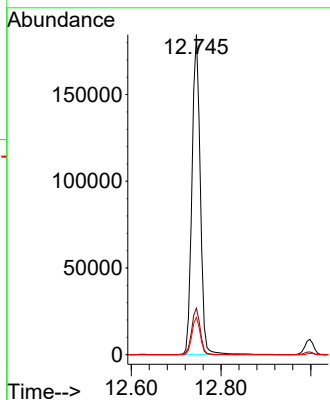
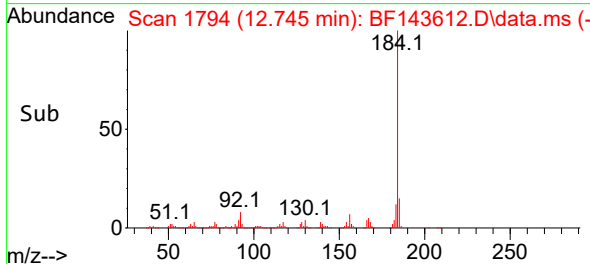
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



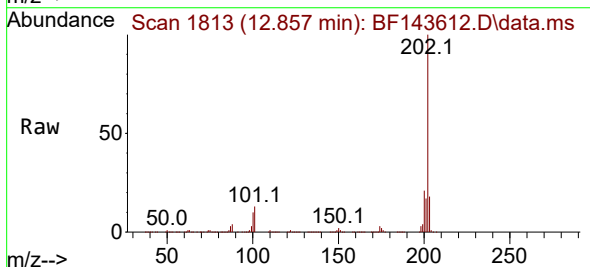
Tgt Ion:184 Resp: 236398
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 11.7 9.1 13.7

Manual Integrations
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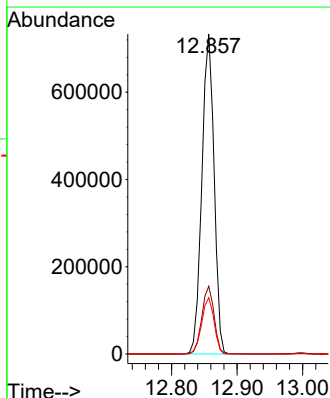
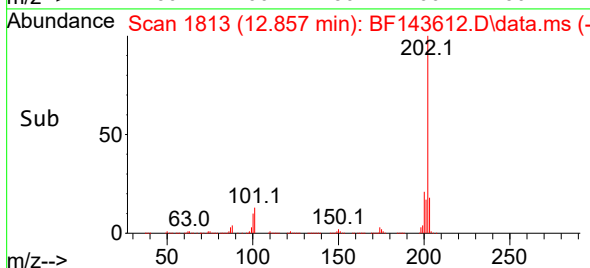
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

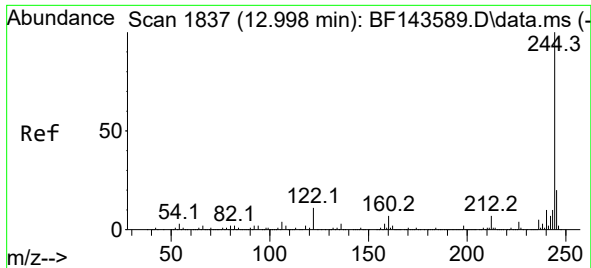


#78
Pyrene
Concen: 49.855 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



Tgt Ion:202 Resp: 952876
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.6 14.2 21.4





#79
 Terphenyl-d14
 Concen: 77.286 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF143612.D
 Acq: 28 Aug 2025 16:15

Instrument :

BNA_F

ClientSampleId :

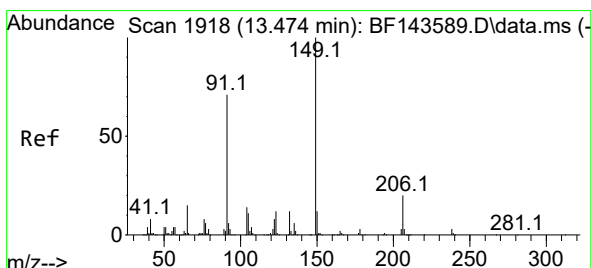
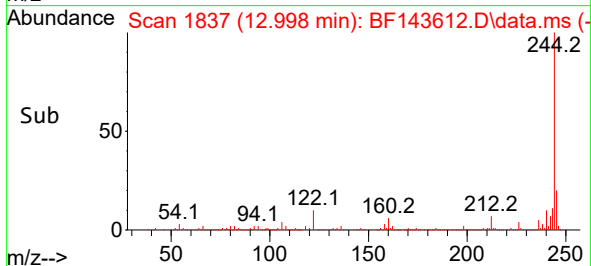
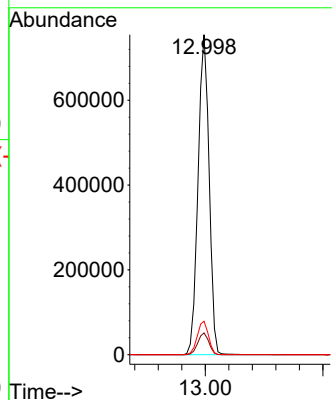
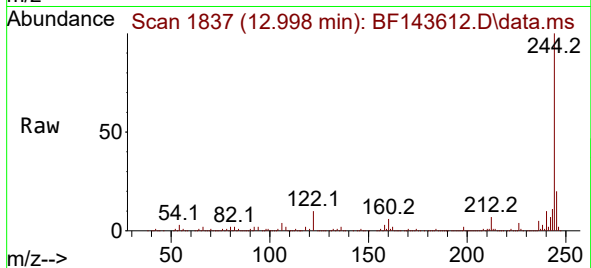
BRIDGE-SOUTHMSD

Tgt Ion:244 Resp: 98358
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.5 8.8 13.2

Manual Integrations

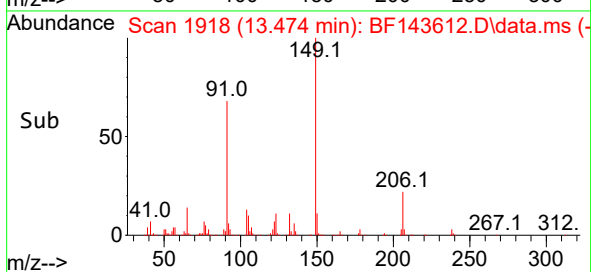
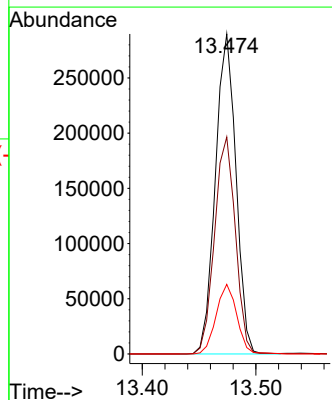
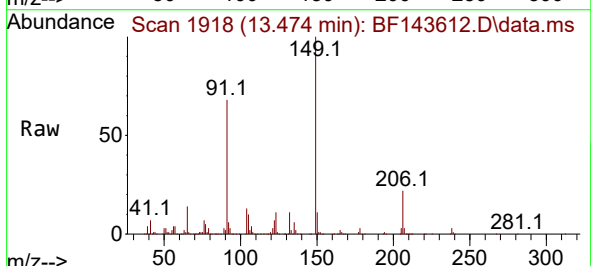
APPROVED

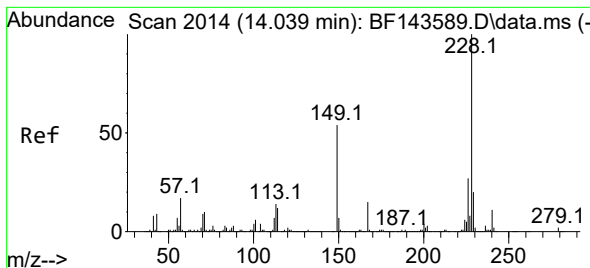
Reviewed By :Rahul Chavli 08/29/2025
 Supervised By :Jagrut Upadhyay 08/29/2025



#80
 Butylbenzylphthalate
 Concen: 66.232 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF143612.D
 Acq: 28 Aug 2025 16:15

Tgt Ion:149 Resp: 365625
 Ion Ratio Lower Upper
 149 100
 91 67.8 56.8 85.2
 206 21.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 49.499 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMSD

Tgt Ion:228 Resp: 71120

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

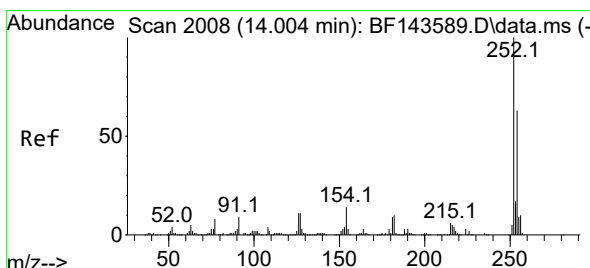
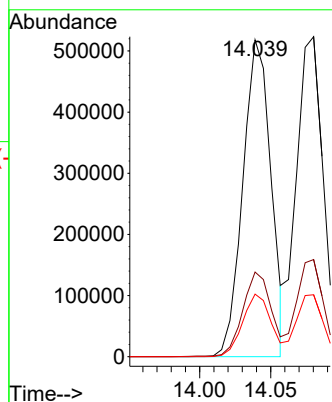
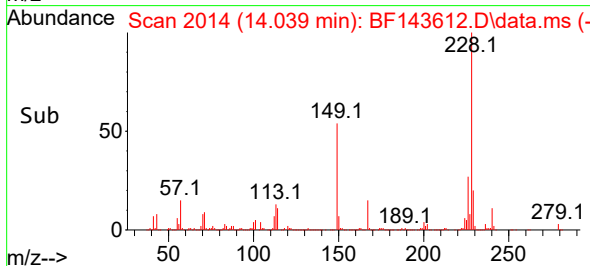
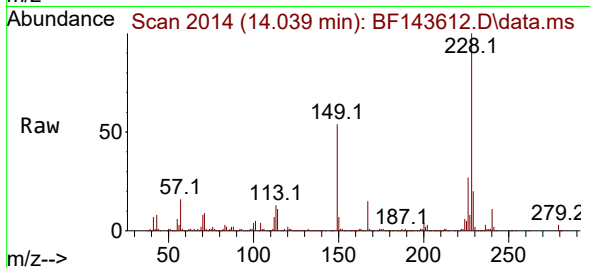
229 19.8 16.1 24.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#82

3,3'-Dichlorobenzidine

Concen: 26.008 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

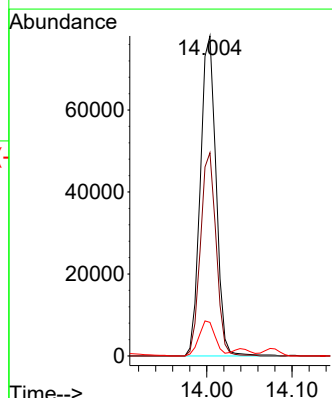
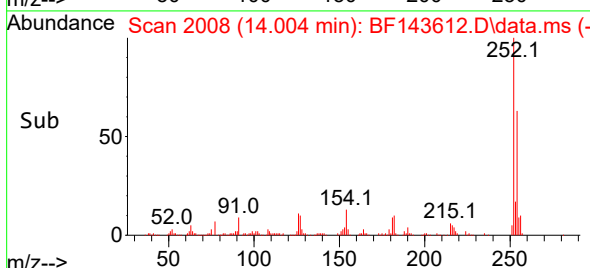
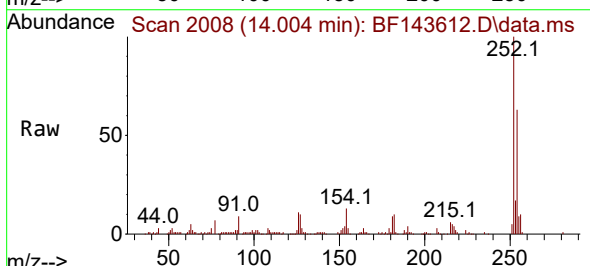
Tgt Ion:252 Resp: 100188

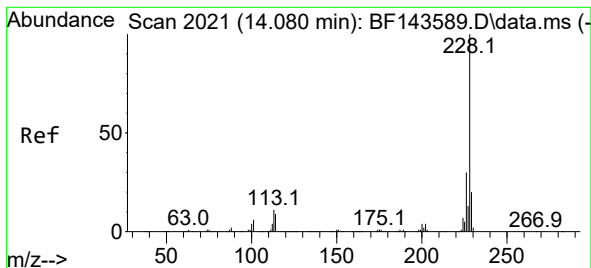
Ion Ratio Lower Upper

252 100

254 63.5 50.2 75.2

126 10.5 9.1 13.7





#83

Chrysene

Concen: 51.269 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMSD

Tgt Ion:228 Resp: 686498

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

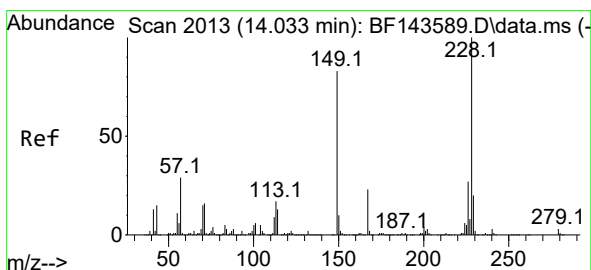
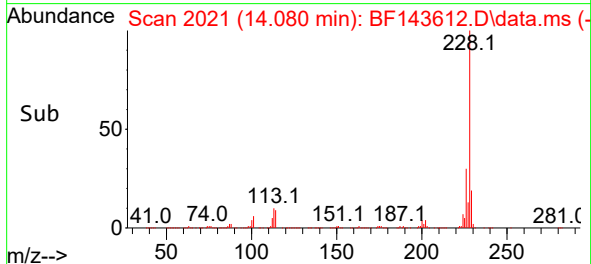
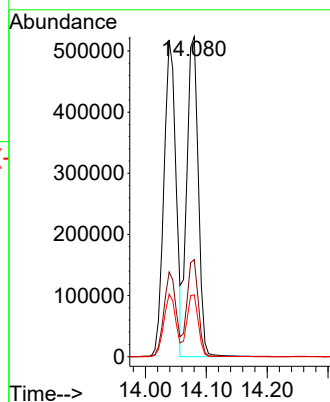
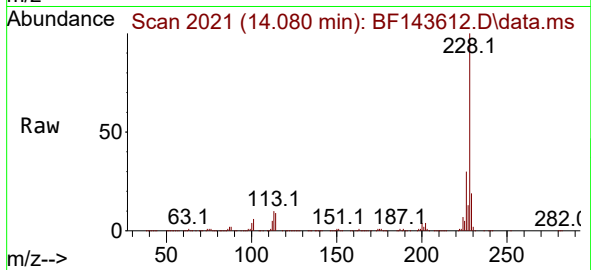
229 19.4 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.059 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

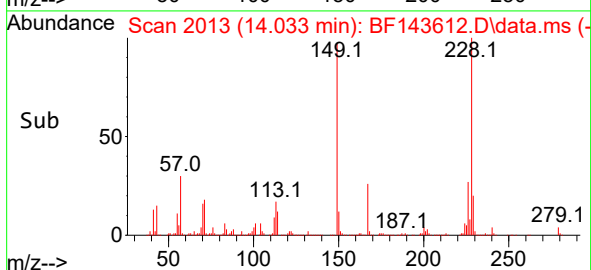
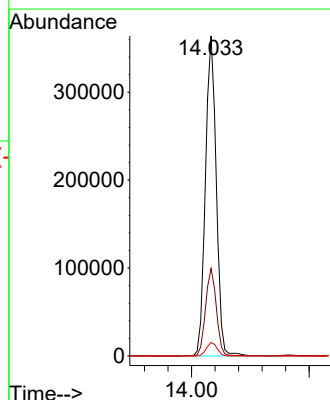
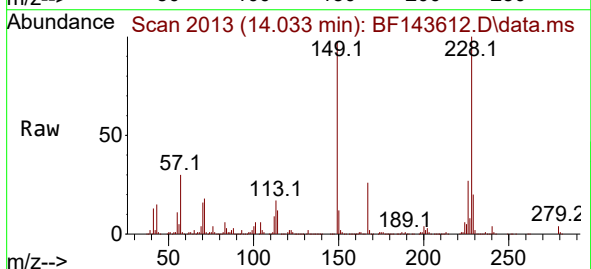
Tgt Ion:149 Resp: 463415

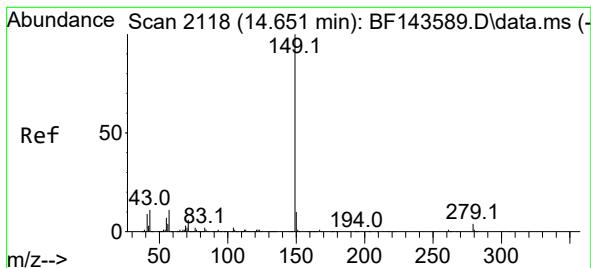
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.2 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 55.350 ng

RT: 14.645 min Scan# 2117

Delta R.T. -0.006 min

Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMSD

Tgt Ion:149 Resp: 738258

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

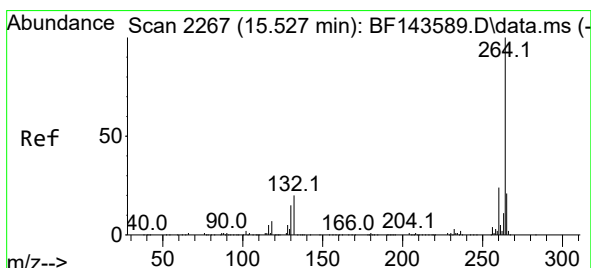
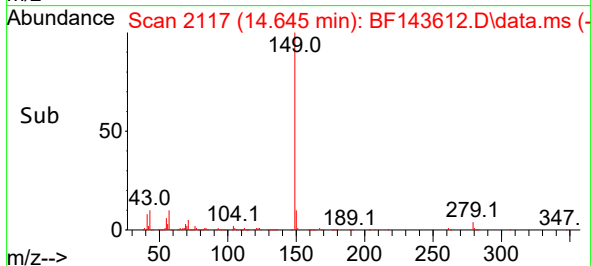
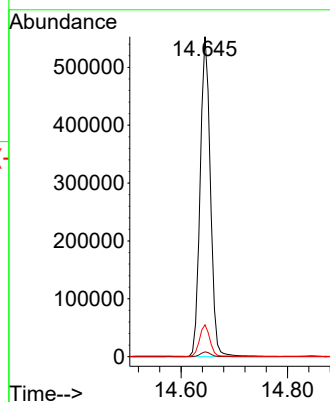
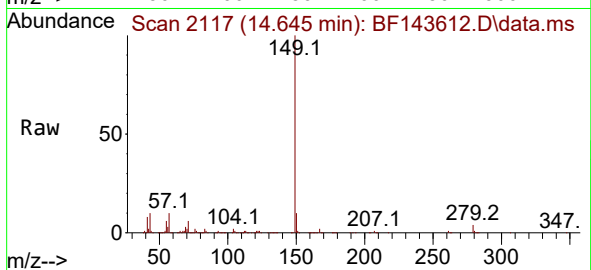
43 9.8 9.5 14.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

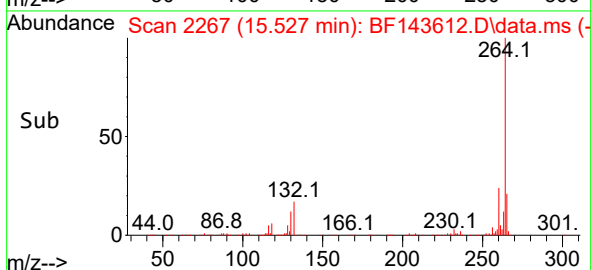
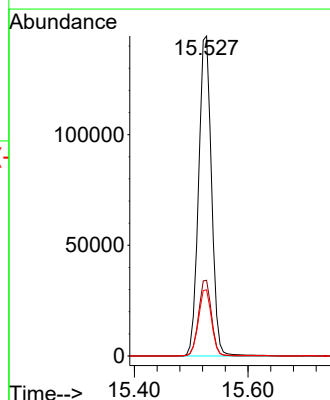
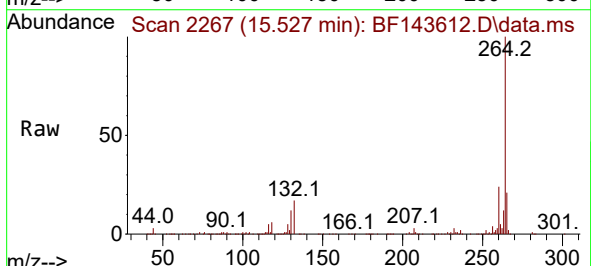
Tgt Ion:264 Resp: 228721

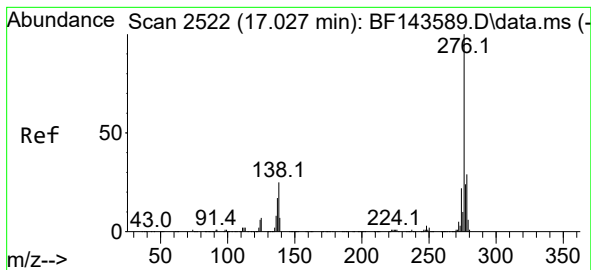
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 20.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.480 ng

RT: 17.021 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

Instrument :

BNA_F

ClientSampleId :

BRIDGE-SOUTHMSD

Tgt Ion:276 Resp: 738849

Ion Ratio Lower Upper

276 100

138 26.1 22.3 33.5

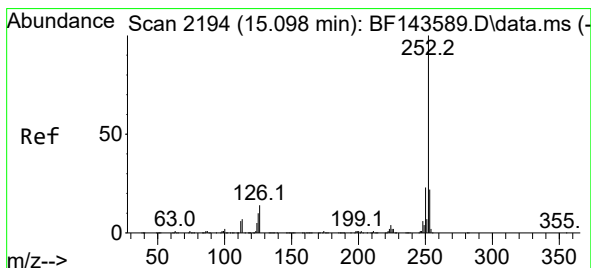
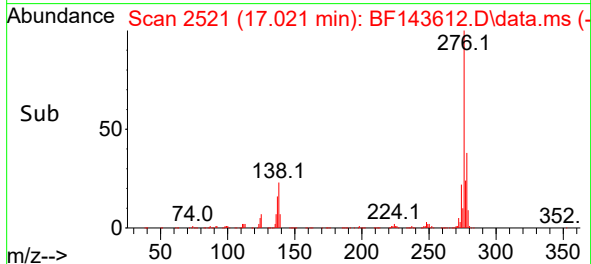
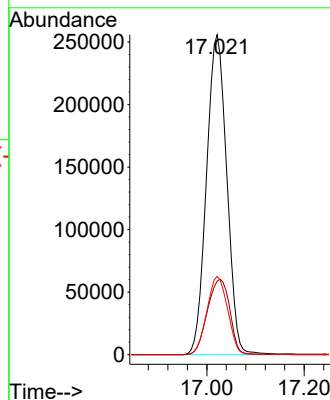
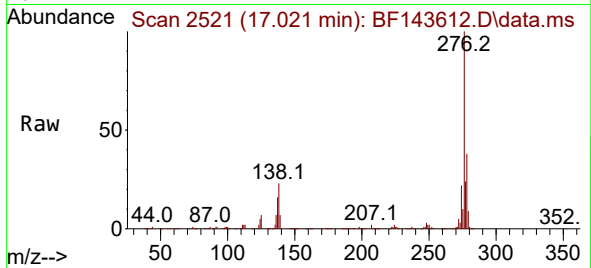
277 25.0 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#88

Benzo(b)fluoranthene

Concen: 53.556 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF143612.D

Acq: 28 Aug 2025 16:15

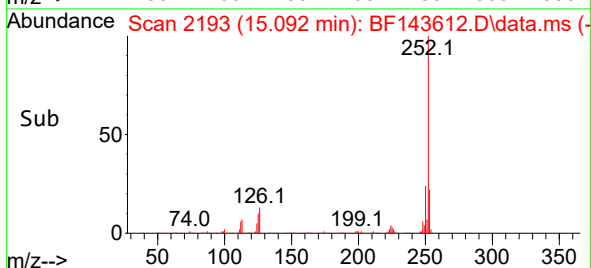
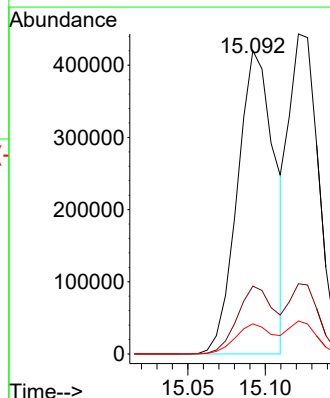
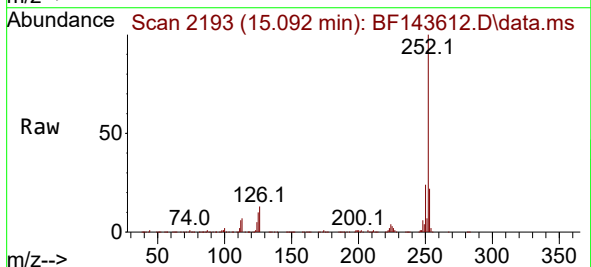
Tgt Ion:252 Resp: 699899

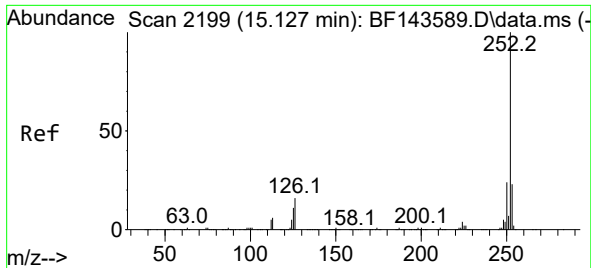
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

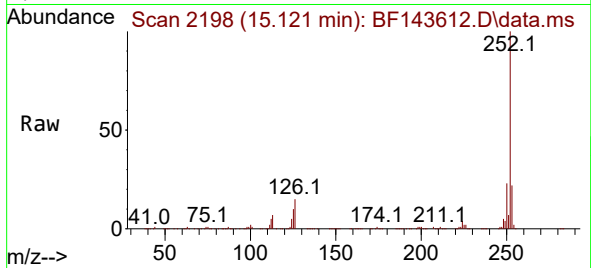
125 9.9 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 48.451 ng
RT: 15.121 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

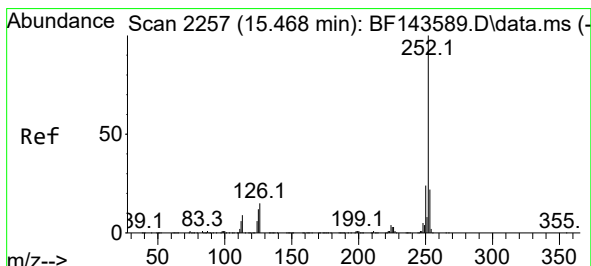
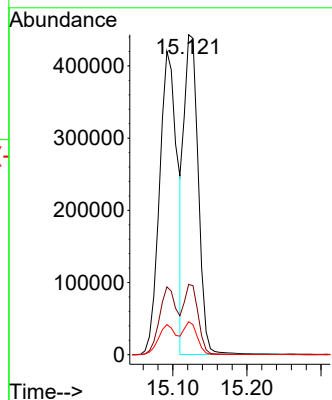
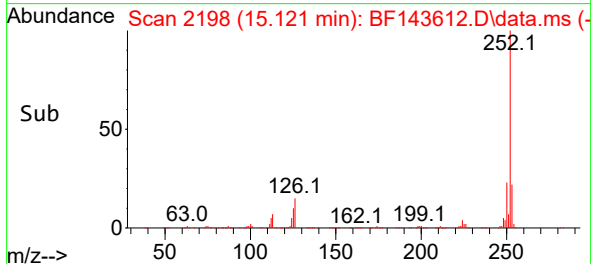
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



Tgt Ion:252 Resp: 592019
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.3 8.2 12.4

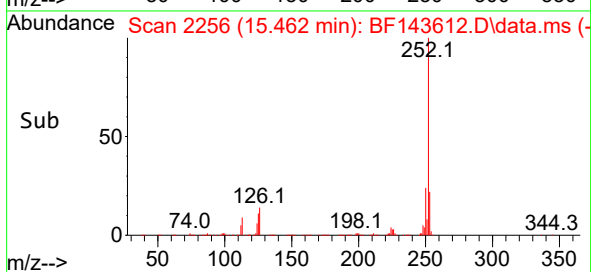
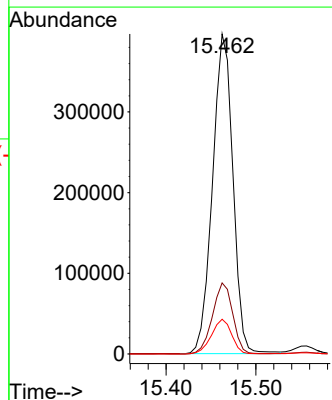
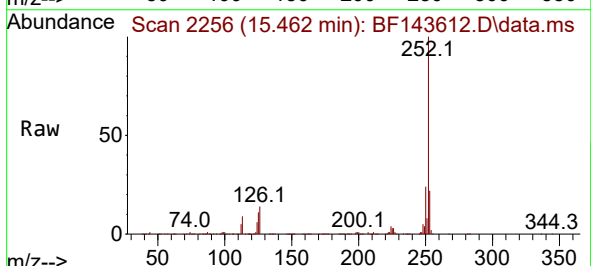
Manual Integrations
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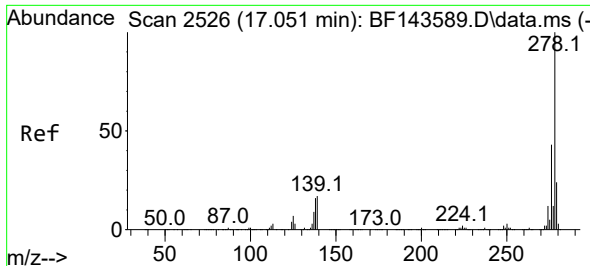
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#90
Benzo(a)pyrene
Concen: 54.169 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

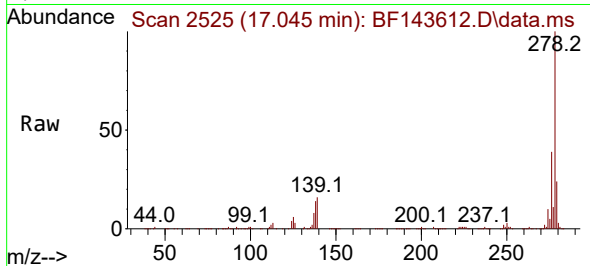
Tgt Ion:252 Resp: 625460
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.9 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 47.529 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15

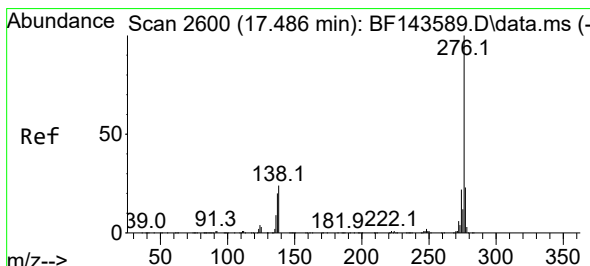
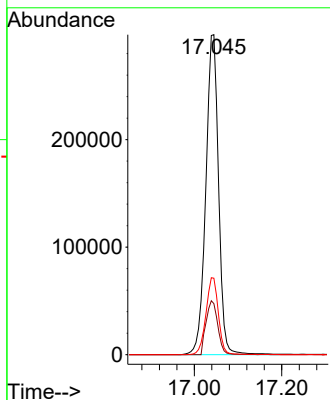
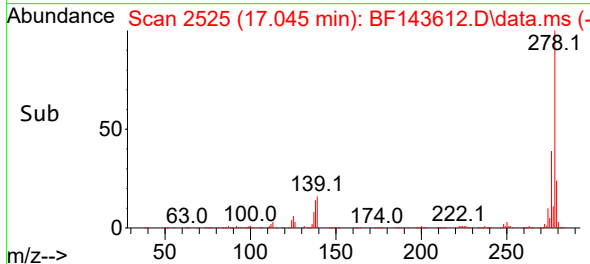
Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMSD



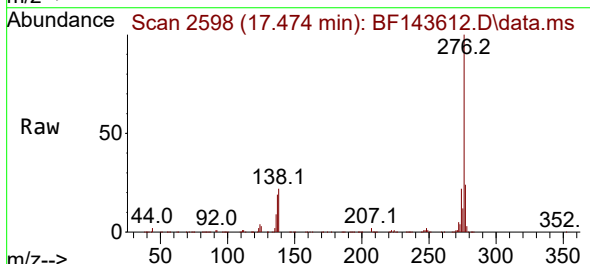
Tgt Ion:278 Resp: 605340
Ion Ratio Lower Upper
278 100
139 15.9 13.8 20.8
279 23.9 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



#92
Benzo(g,h,i)perylene
Concen: 44.906 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.012 min
Lab File: BF143612.D
Acq: 28 Aug 2025 16:15



Tgt Ion:276 Resp: 566219
Ion Ratio Lower Upper
276 100
277 23.6 18.6 27.8
138 22.3 19.1 28.7

