

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143739.D
 Acq On : 12 Sep 2025 18:08
 Operator : RC/JU
 Sample : Q3072-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMPMS

Quant Time: Sep 12 18:29:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul
 Chavli

09/15/2025

Supervised By :Jagrut

Upadhyay
 09/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	29682	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	104295	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	52180	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	78890	20.000	ng	0.01
76) Chrysene-d12	14.063	240	72216	20.000	ng	0.02
86) Perylene-d12	15.545	264	74429	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	229209	131.751	ng	0.03
7) Phenol-d6	6.522	99	254708	120.243	ng	0.02
23) Nitrobenzene-d5	7.457	82	163126	97.287	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	72439	137.754	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	341566	98.884	ng	0.00
79) Terphenyl-d14	13.004	244	256304	57.514	ng	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.881	88	36000	46.390	ng	# 84
3) Pyridine	3.581	79	79024	39.420	ng	96
4) n-Nitrosodimethylamine	3.522	42	37622	49.406	ng	99
6) Aniline	6.557	93	35735	12.737	ng	97
8) 2-Chlorophenol	6.681	128	87910	46.787	ng	96
9) Benzaldehyde	6.451	77	46678	27.312	ng	98
10) Phenol	6.534	94	99463	42.478	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	84087	48.083	ng	95
12) 1,3-Dichlorobenzene	6.840	146	104558	48.657	ng	99
13) 1,4-Dichlorobenzene	6.916	146	104739	48.290	ng	99
14) 1,2-Dichlorobenzene	7.063	146	100499	49.066	ng	99
15) Benzyl Alcohol	7.034	79	74187	48.146	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	96628	42.233	ng	95
17) 2-Methylphenol	7.140	107	70979	46.960	ng	99
18) Hexachloroethane	7.410	117	30324	43.280	ng	94
19) n-Nitroso-di-n-propyla...	7.304	70	61471	47.250	ng	97
20) 3+4-Methylphenols	7.293	107	90929	45.684	ng	91
22) Acetophenone	7.304	105	135820	57.661	ng	99
24) Nitrobenzene	7.475	77	86993	50.036	ng	96
25) Isophorone	7.716	82	160934	50.053	ng	99
26) 2-Nitrophenol	7.792	139	45096	52.755	ng	96
27) 2,4-Dimethylphenol	7.822	122	80104	52.199	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	99728	50.472	ng	99
29) 2,4-Dichlorophenol	8.028	162	74450	48.229	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	82123	51.351	ng	99
31) Naphthalene	8.198	128	252120	48.833	ng	99
32) Benzoic acid	7.904	122	33609m	35.898	ng	
33) 4-Chloroaniline	8.240	127	19275	10.724	ng	97
34) Hexachlorobutadiene	8.316	225	51031	48.922	ng	98
35) Caprolactam	8.604	113	17915	43.604	ng	93
36) 4-Chloro-3-methylphenol	8.722	107	69537	45.685	ng	98
37) 2-Methylnaphthalene	8.887	142	154732	43.781	ng	99
38) 1-Methylnaphthalene	8.987	142	157299	46.377	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	87248	58.406	ng	99
41) Hexachlorocyclopentadiene	9.039	237	67782	88.381	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	51470	51.599	ng	100

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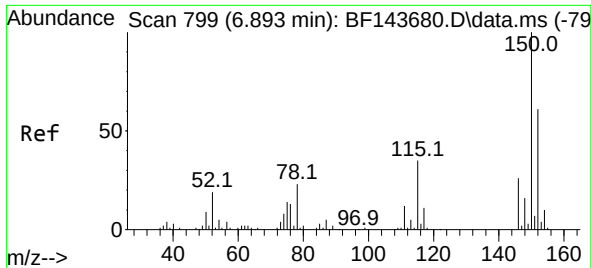
Reviewed By :Rahul
 Chavli

09/15/2025

Supervised By :Jagrut
 Upadhyay
 09/15/2025

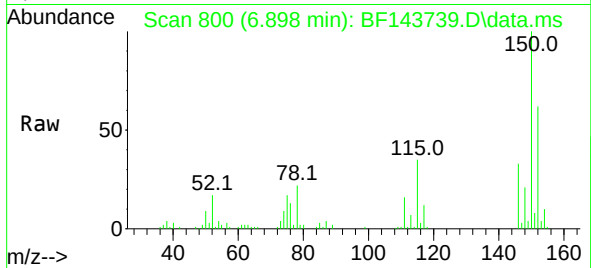
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	50937	50.231	ng	99
46) 1,1'-Biphenyl	9.351	154	227949	60.680	ng	99
47) 2-Chloronaphthalene	9.381	162	152835	51.897	ng	99
48) 2-Nitroaniline	9.469	65	42102	54.022	ng	98
49) Acenaphthylene	9.798	152	247757	58.731	ng	100
50) Dimethylphthalate	9.651	163	178939	52.707	ng	100
51) 2,6-Dinitrotoluene	9.716	165	38070	58.649	ng	92
52) Acenaphthene	9.969	154	144763	49.799	ng	97
53) 3-Nitroaniline	9.881	138	18630	26.670	ng	99
54) 2,4-Dinitrophenol	9.981	184	9298	30.359	ng	# 1
55) Dibenzofuran	10.139	168	212550	50.849	ng	98
56) 4-Nitrophenol	10.034	139	45311	81.532	ng	98
57) 2,4-Dinitrotoluene	10.116	165	48771	55.205	ng	98
58) Fluorene	10.481	166	164196	50.181	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	39285	47.777	ng	# 98
60) Diethylphthalate	10.351	149	166802	52.333	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	83071	50.059	ng	98
62) 4-Nitroaniline	10.492	138	34430	52.040	ng	98
63) Azobenzene	10.633	77	141518	50.223	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	7462	18.578	ng	96
66) n-Nitrosodiphenylamine	10.592	169	141008	54.560	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	49865	52.416	ng	98
68) Hexachlorobenzene	11.028	284	52157	51.922	ng	97
69) Atrazine	11.116	200	45345	55.958	ng	100
70) Pentachlorophenol	11.222	266	44322	72.990	ng	98
71) Phenanthrene	11.445	178	227737	52.393	ng	99
72) Anthracene	11.498	178	233995	53.538	ng	99
73) Carbazole	11.651	167	203595	56.879	ng	99
74) Di-n-butylphthalate	11.980	149	252086	58.497	ng	100
75) Fluoranthene	12.633	202	233578	58.536	ng	98
77) Benzidine	12.751	184	43510	18.476	ng	98
78) Pyrene	12.863	202	239640	41.503	ng	99
80) Butylbenzylphthalate	13.480	149	103530	57.227	ng	99
81) Benzo(a)anthracene	14.051	228	259841	55.929	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	32573	22.789	ng	97
83) Chrysene	14.092	228	221261	51.999	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	151306	58.618	ng	99
85) Di-n-octyl phthalate	14.657	149	268310	58.006	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	194986	38.386	ng	98
88) Benzo(b)fluoranthene	15.110	252	274384	61.929	ng	99
89) Benzo(k)fluoranthene	15.139	252	208175	52.061	ng	99
90) Benzo(a)pyrene	15.480	252	217117	55.779	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	165749	39.329	ng	98
92) Benzo(g,h,i)perylene	17.498	276	142639	36.184	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. 0.005 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



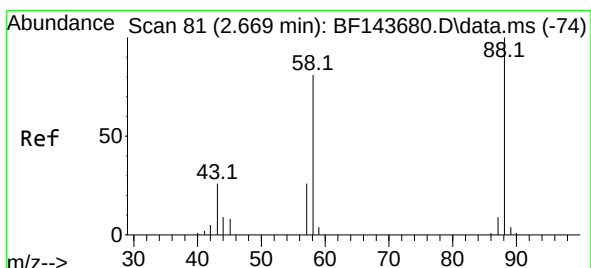
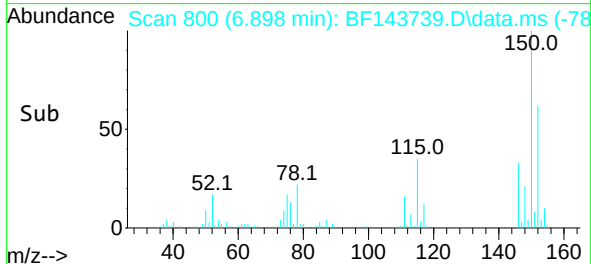
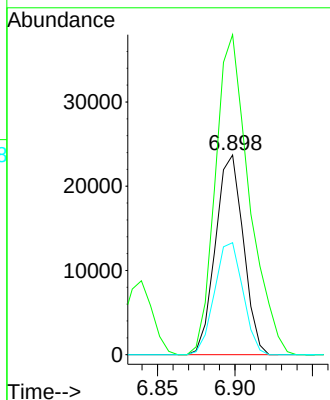
Tgt Ion:152 Resp: 2968
Ion Ratio Lower Upper
152 100
150 160.3 130.7 196.1
115 56.1 45.9 68.9

Manual Integrations
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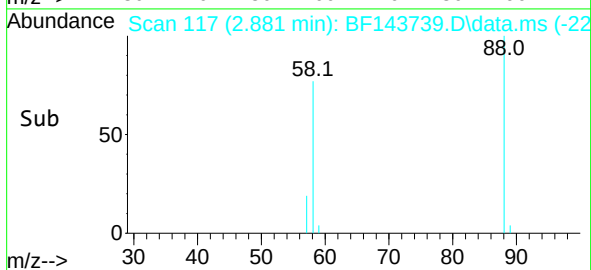
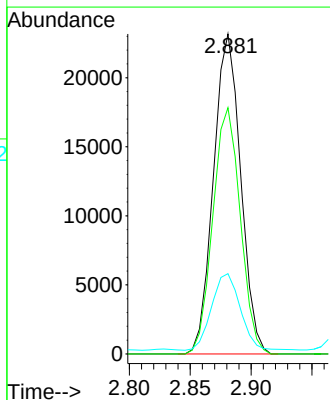
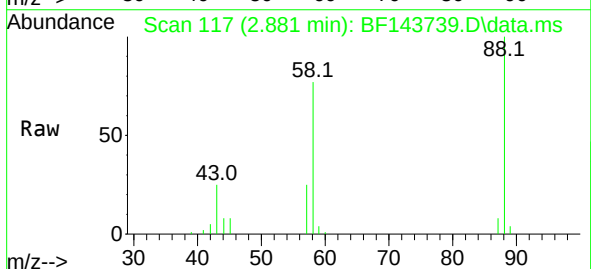
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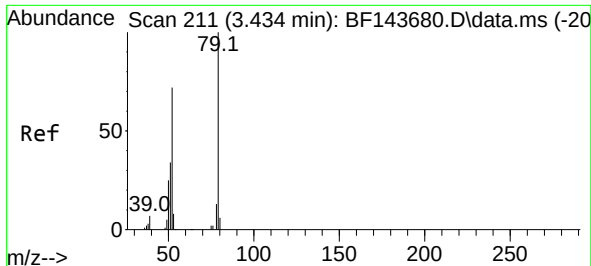
Supervised By :Jagrut
Upadhyay
09/15/2025



#2
1,4-Dioxane
Concen: 46.390 ng
RT: 2.881 min Scan# 117
Delta R.T. 0.212 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

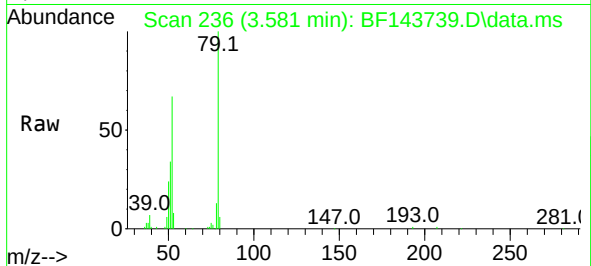
Tgt Ion: 88 Resp: 36000
Ion Ratio Lower Upper
88 100
58 77.4 65.8 98.6
43 0.0 20.6 31.0#





#3
Pyridine
Concen: 39.420 ng
RT: 3.581 min Scan# 211
Delta R.T. 0.147 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



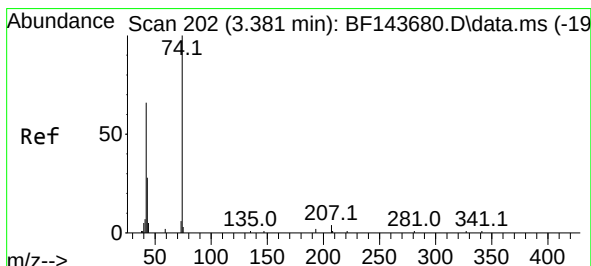
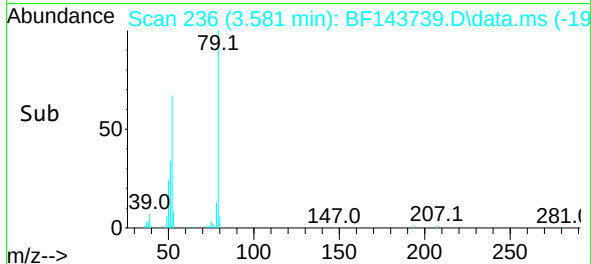
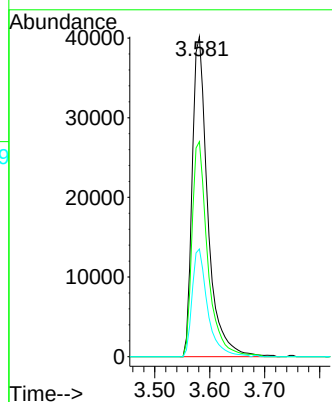
Tgt Ion: 79 Resp: 79024
Ion Ratio Lower Upper
79 100
52 67.2 57.2 85.8
51 33.6 27.0 40.6

Manual Integrations
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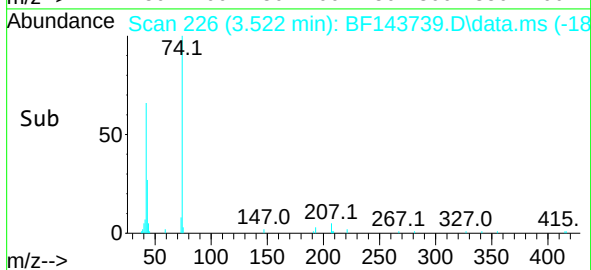
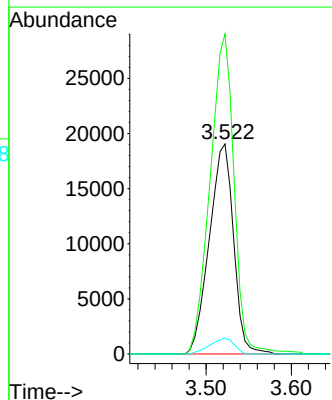
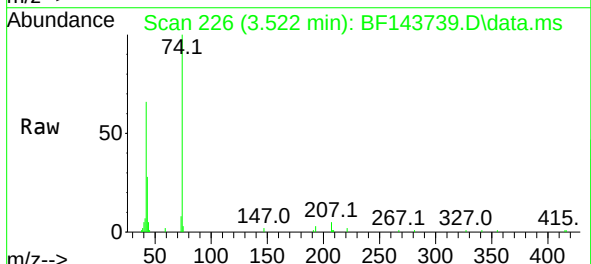
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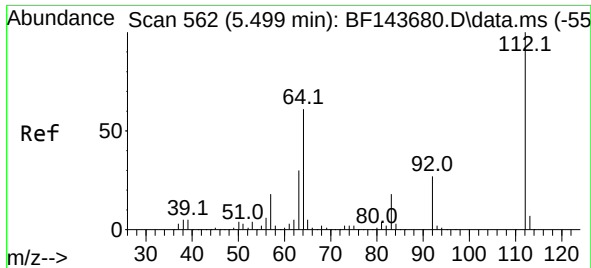
Supervised By :Jagrut
Upadhyay
09/15/2025



#4
n-Nitrosodimethylamine
Concen: 49.406 ng
RT: 3.522 min Scan# 226
Delta R.T. 0.141 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

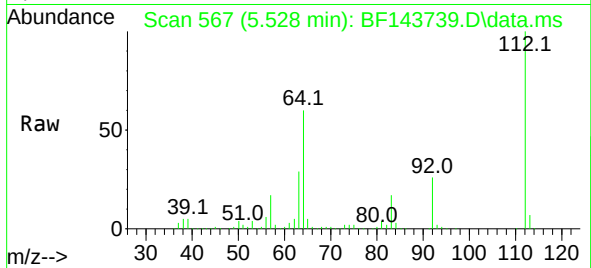
Tgt Ion: 42 Resp: 37622
Ion Ratio Lower Upper
42 100
74 152.4 120.9 181.3
44 7.6 6.5 9.7





#5
2-Fluorophenol
Concen: 131.751 ng
RT: 5.528 min Scan# 50
Delta R.T. 0.029 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



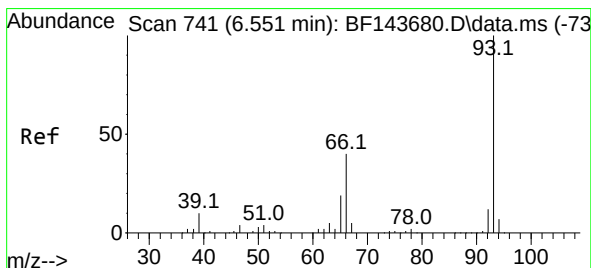
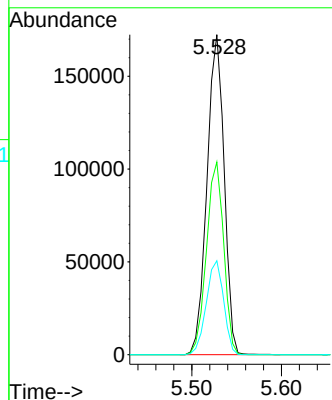
Tgt Ion:112 Resp: 229209
Ion Ratio Lower Upper
112 100
64 60.2 49.0 73.4
63 29.3 24.3 36.5

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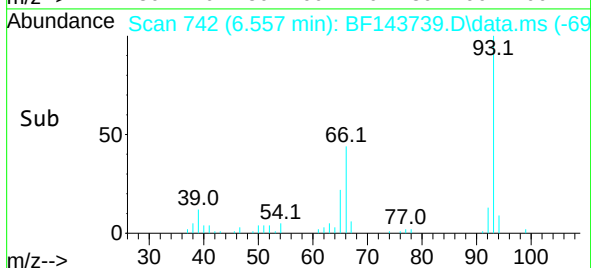
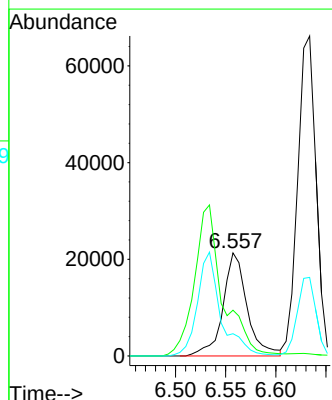
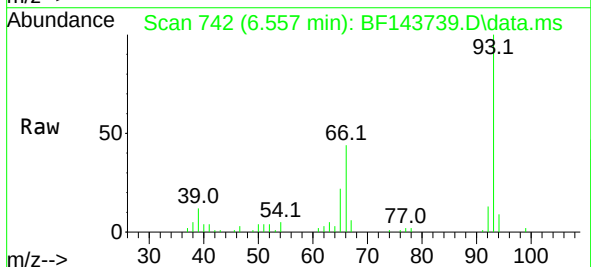
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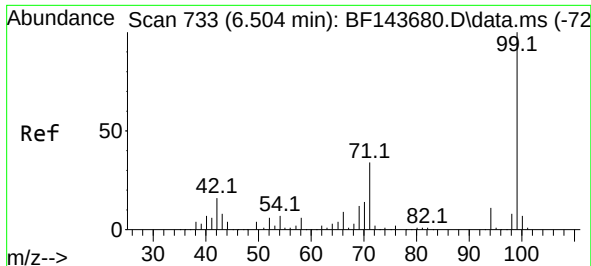
Supervised By :Jagrut
Upadhyay
09/15/2025



#6
Aniline
Concen: 12.737 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Tgt Ion: 93 Resp: 35735
Ion Ratio Lower Upper
93 100
66 44.4 34.1 51.1
65 21.5 16.1 24.1





#7

Phenol-d6

Concen: 120.243 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.018 min

Lab File: BF143739.D

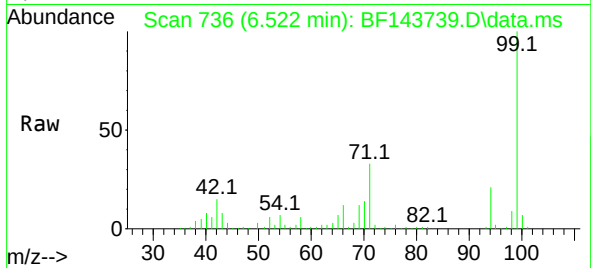
Acq: 12 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMS



Tgt Ion: 99 Resp: 254708

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.0	19.4
71	32.6	27.4	41.2

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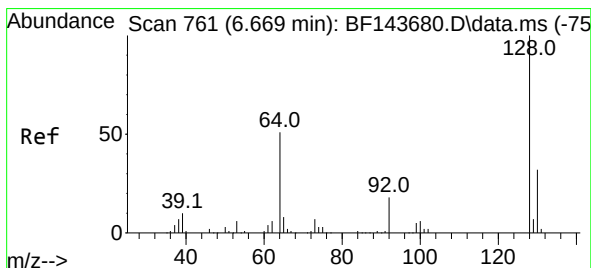
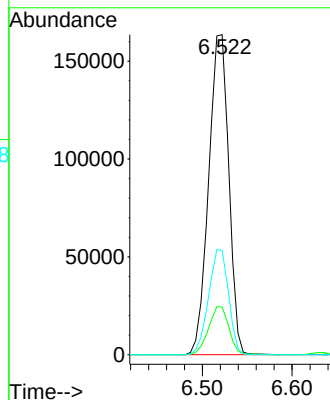
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#8

2-Chlorophenol

Concen: 46.787 ng

RT: 6.681 min Scan# 763

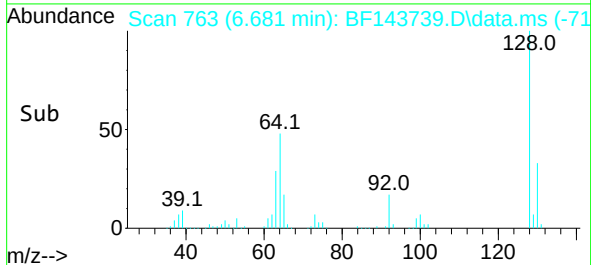
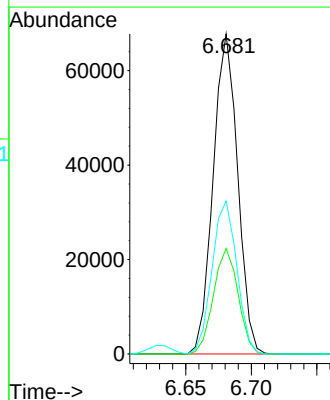
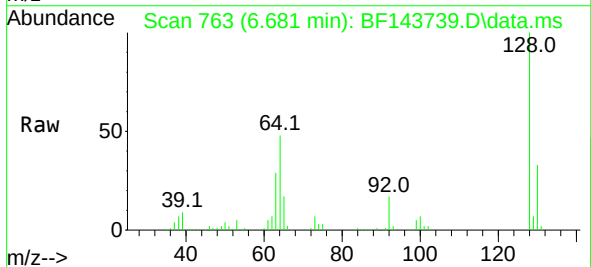
Delta R.T. 0.012 min

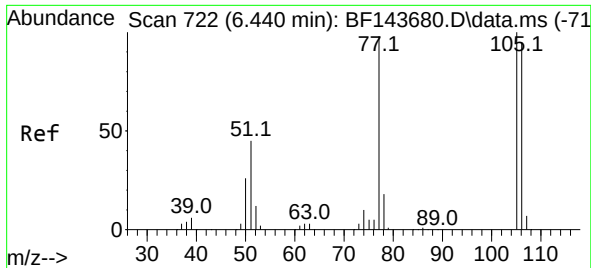
Lab File: BF143739.D

Acq: 12 Sep 2025 18:08

Tgt Ion:128 Resp: 87910

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.0	52.0
64	47.8	31.9	71.9





#9

Benzaldehyde

Concen: 27.312 ng

RT: 6.451 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF143739.D

Acq: 12 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMS

Tgt Ion: 77	Resp: 46678
Ion Ratio	Lower Upper
77 100	
105 104.5	81.7 121.7
106 98.4	76.9 116.9

Manual Integrations

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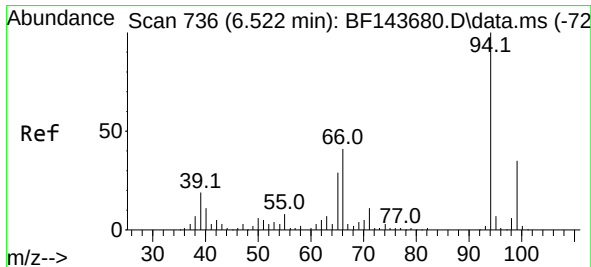
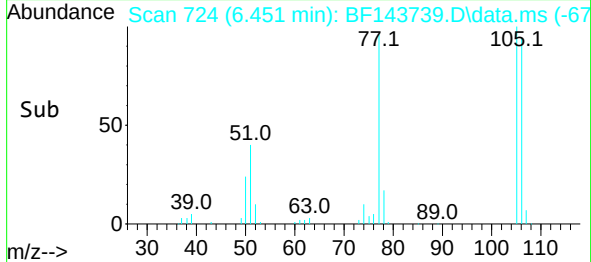
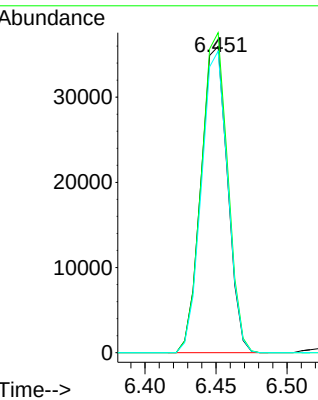
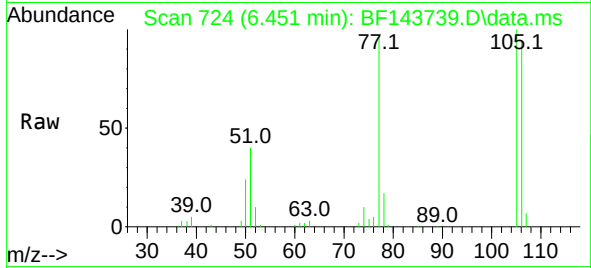
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Upadhyay

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#10

Phenol

Concen: 42.478 ng

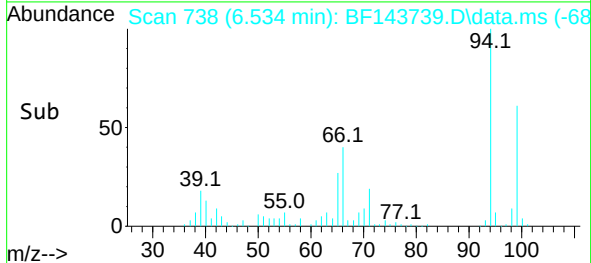
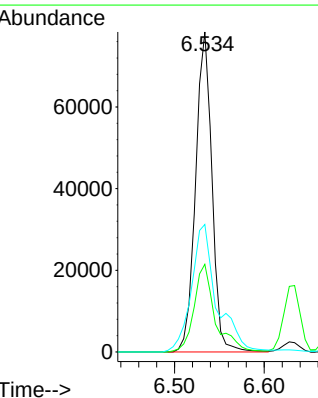
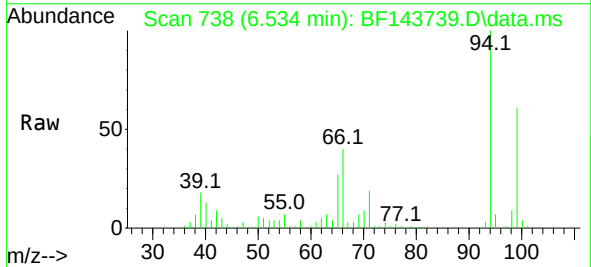
RT: 6.534 min Scan# 738

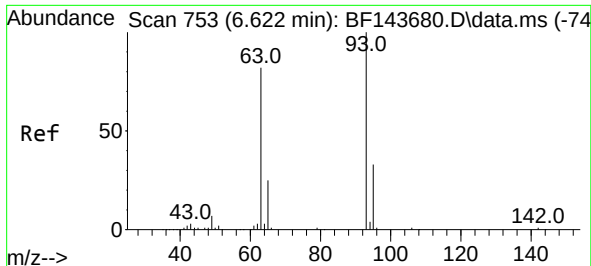
Delta R.T. 0.012 min

Lab File: BF143739.D

Acq: 12 Sep 2025 18:08

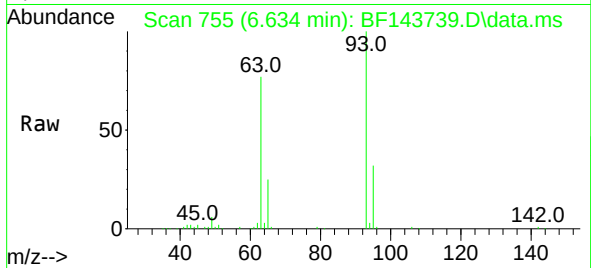
Tgt Ion: 94	Resp: 99463
Ion Ratio	Lower Upper
94 100	
65 27.4	9.1 49.1
66 39.9	20.8 60.8





#11
bis(2-Chloroethyl)ether
Concen: 48.083 ng
RT: 6.634 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

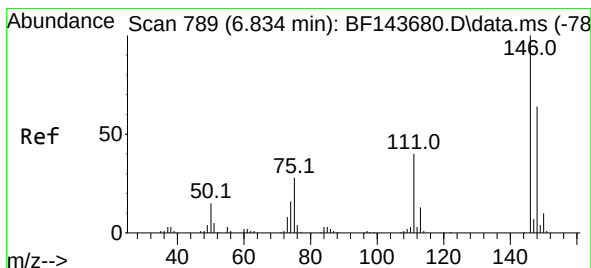
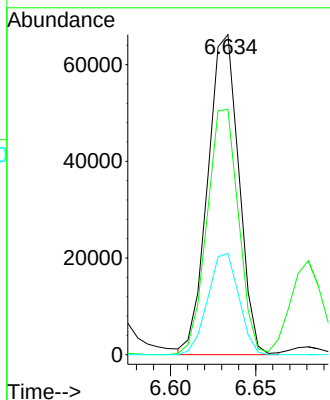
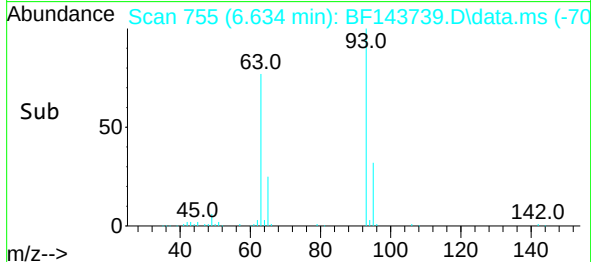


Tgt Ion: 93 Resp: 8408
Ion Ratio Lower Upper
93 100
63 76.6 61.8 101.8
95 31.7 12.6 52.6

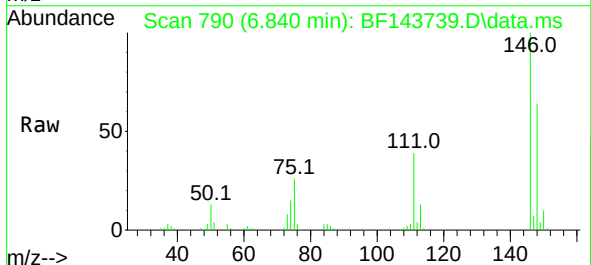
Manual Integrations
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Reviewed By :Rahul
Chavli
09/15/2025

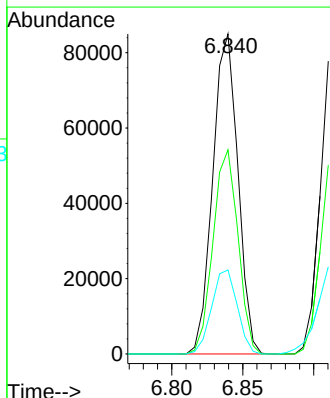
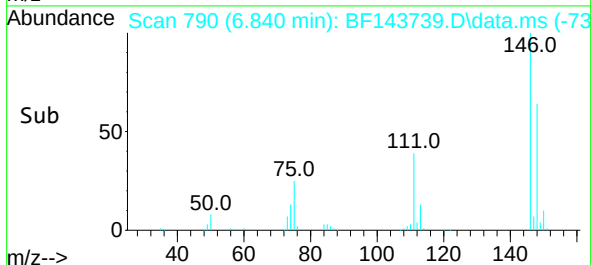
Supervised By :Jagrut
Upadhyay
09/15/2025

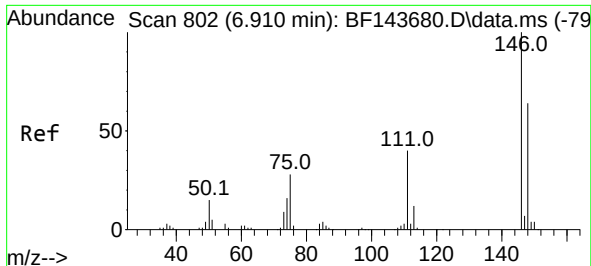


#12
1,3-Dichlorobenzene
Concen: 48.657 ng
RT: 6.840 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08



Tgt Ion:146 Resp: 104558
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 26.2 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 48.290 ng

RT: 6.916 min Scan# 802

Delta R.T. 0.006 min

Lab File: BF143739.D

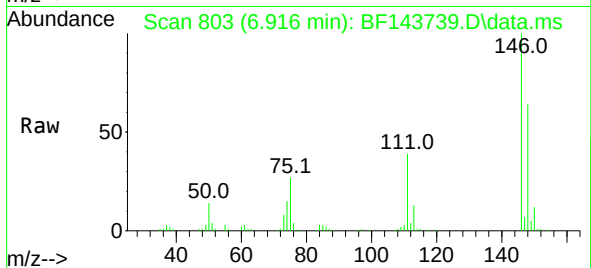
Acq: 12 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMS



Tgt Ion:146 Resp: 104739

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

111 38.5 31.8 47.8

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Reviewed By :Rahul

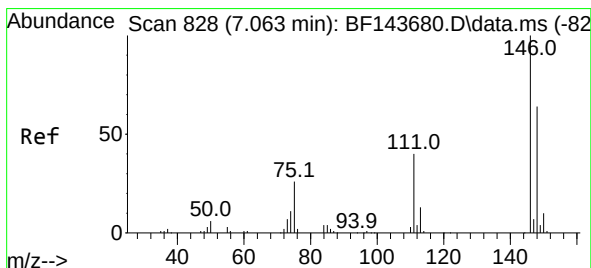
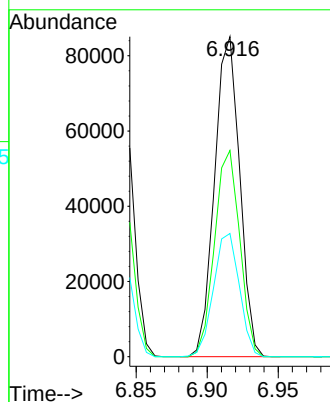
Chavli

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Upadhyay

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#14

1,2-Dichlorobenzene

Concen: 49.066 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143739.D

Acq: 12 Sep 2025 18:08

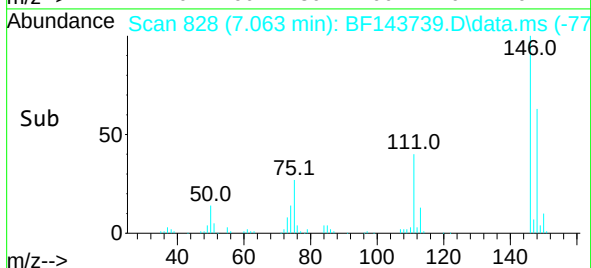
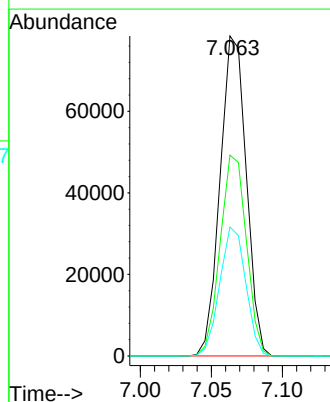
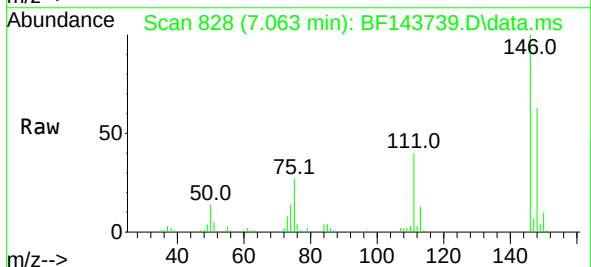
Tgt Ion:146 Resp: 100499

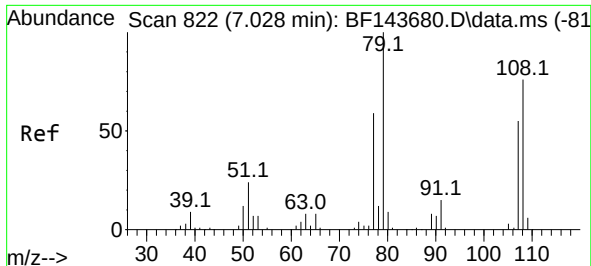
Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.4

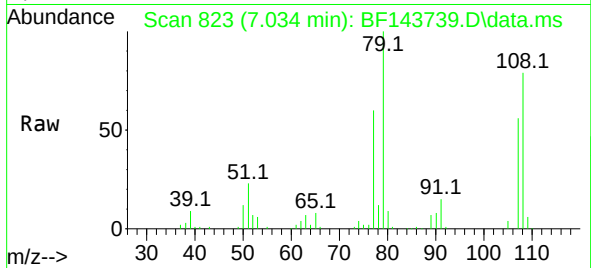
111 40.3 32.3 48.5





#15
Benzyl Alcohol
Concen: 48.146 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



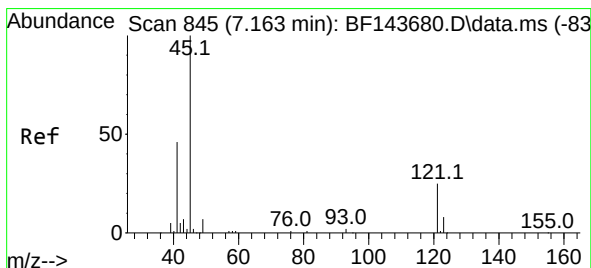
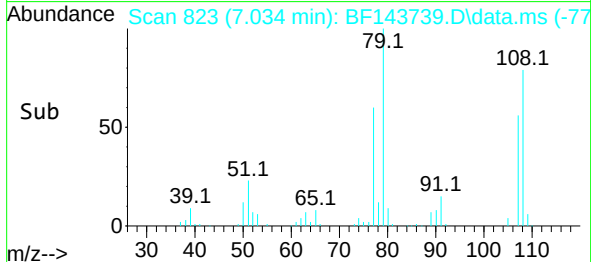
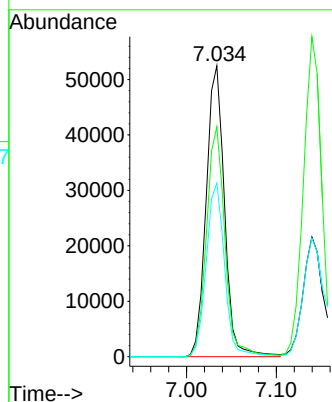
Tgt Ion: 79 Resp: 7418
Ion Ratio Lower Upper
79 100
108 79.0 60.9 91.3
77 59.7 47.4 71.2

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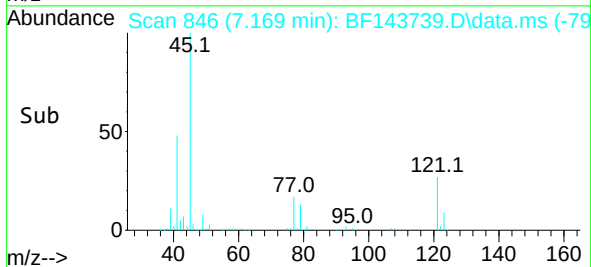
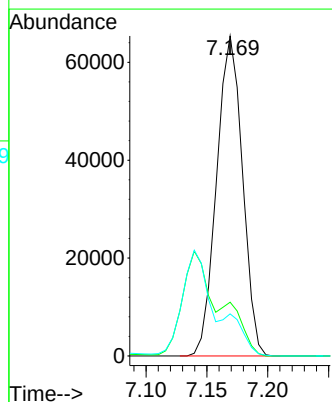
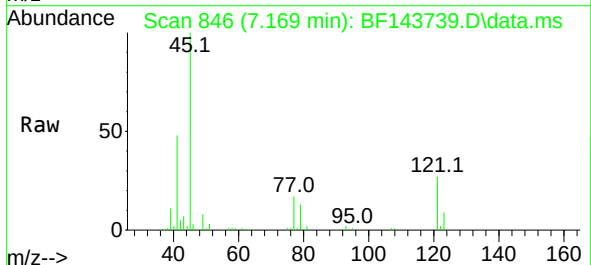
09/15/2025

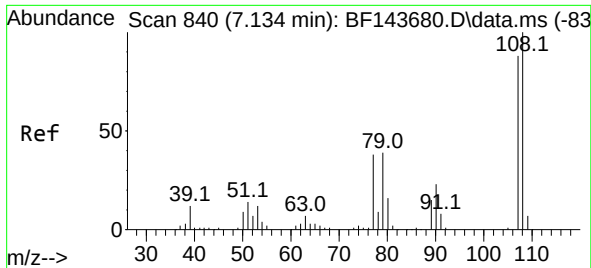
Supervised By :Jagrut
Upadhyay
09/15/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.233 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

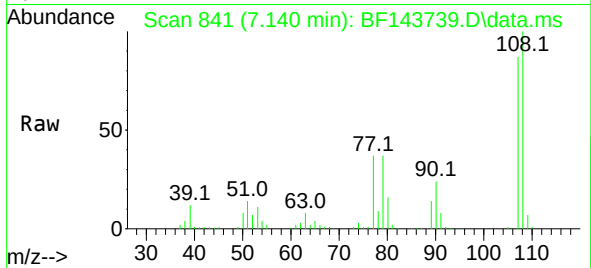
Tgt Ion: 45 Resp: 96628
Ion Ratio Lower Upper
45 100
77 16.8 0.0 34.6
79 13.2 0.0 31.3





#17
2-Methylphenol
Concen: 46.960 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

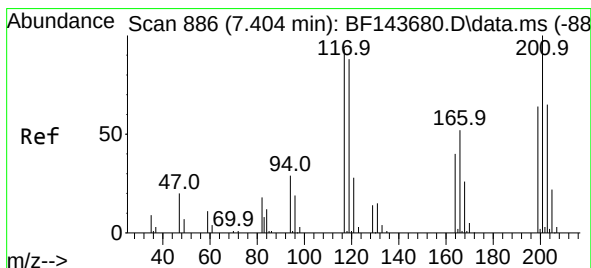
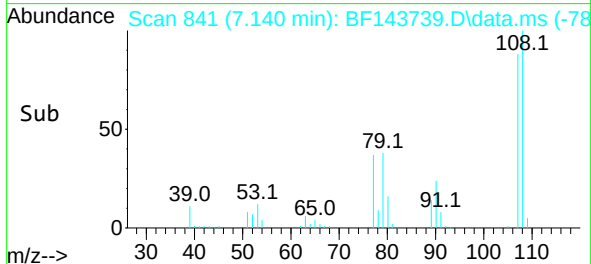
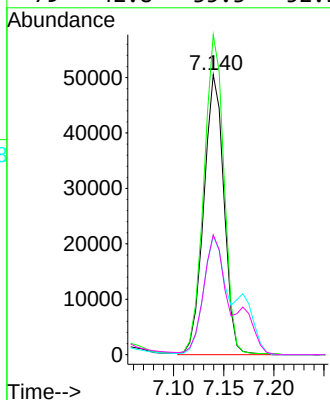


Tgt Ion:107 Resp: 70979
Ion Ratio Lower Upper
107 100
108 114.3 90.9 136.3
77 42.4 34.4 51.6
79 42.8 35.3 52.9

Manual Integrations
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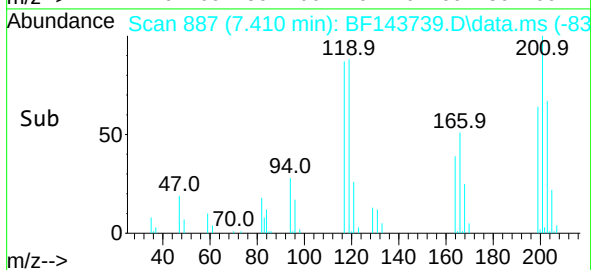
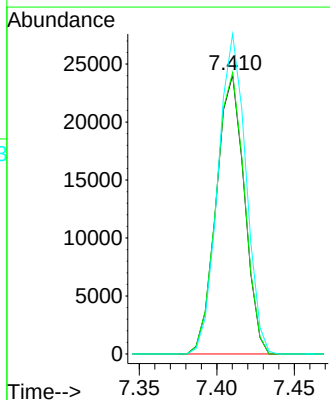
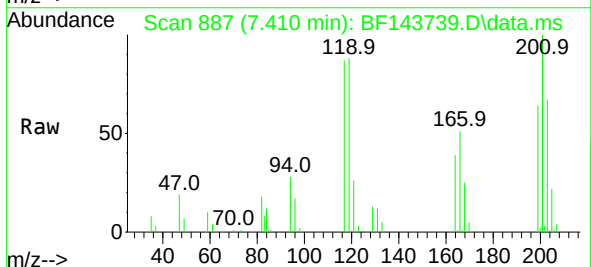
Reviewed By :Rahul
Chavli
09/15/2025

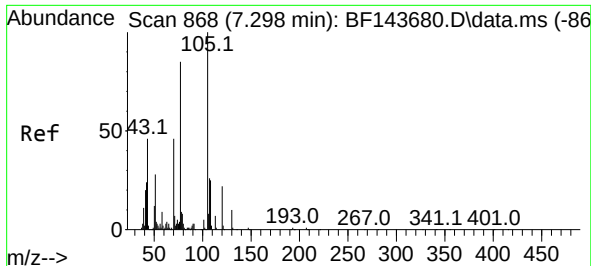
Supervised By :Jagrut
Upadhyay
09/15/2025



#18
Hexachloroethane
Concen: 43.280 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

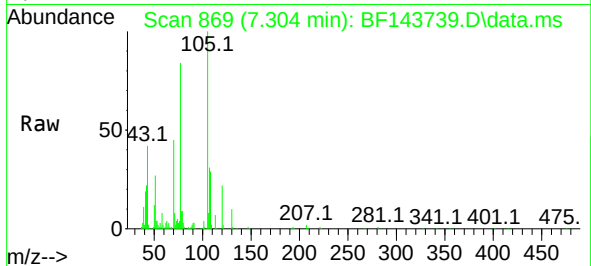
Tgt Ion:117 Resp: 30324
Ion Ratio Lower Upper
117 100
119 100.8 76.2 114.2
201 114.7 86.4 129.6





#19
n-Nitroso-di-n-propylamine
Concen: 47.250 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

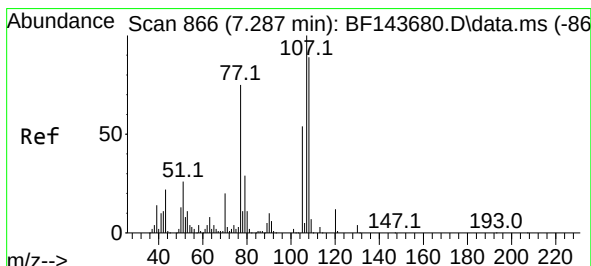
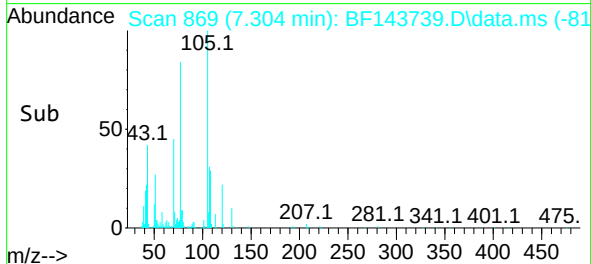
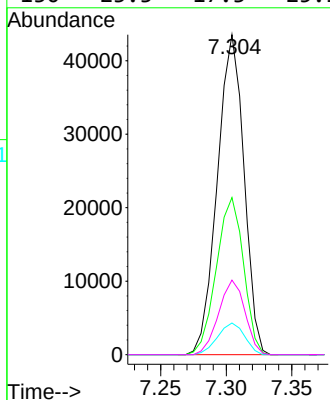


Tgt Ion:	70	Resp:	6147
Ion	Ratio	Lower	Upper
70	100		
42	49.1	41.4	62.2
101	9.9	8.1	12.1
130	23.3	17.3	25.9

Manual Integrations
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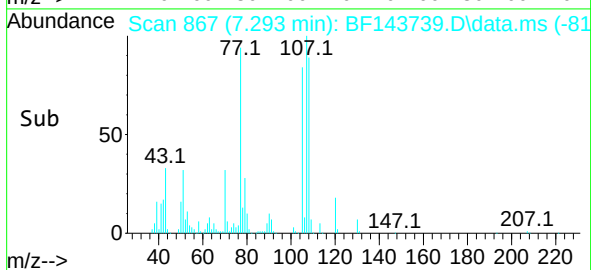
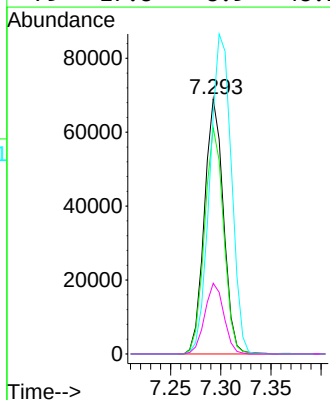
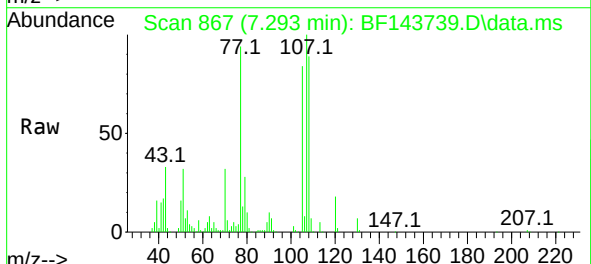
Reviewed By :Rahul
Chavli
09/15/2025

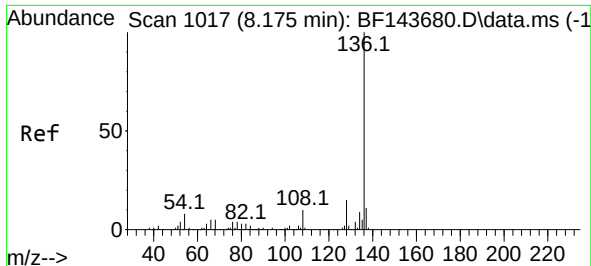
Supervised By :Jagrut
Upadhyay
09/15/2025



#20
3+4-Methylphenols
Concen: 45.684 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

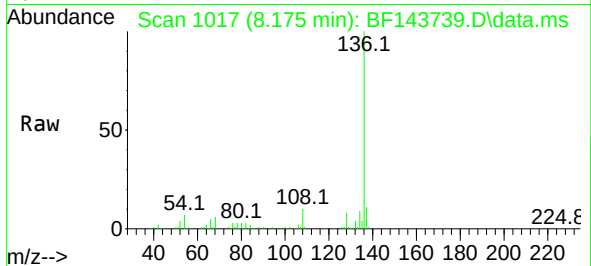
Tgt Ion:	107	Resp:	90929
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.6	108.6
77	94.0	54.6	94.6
79	27.8	8.9	48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

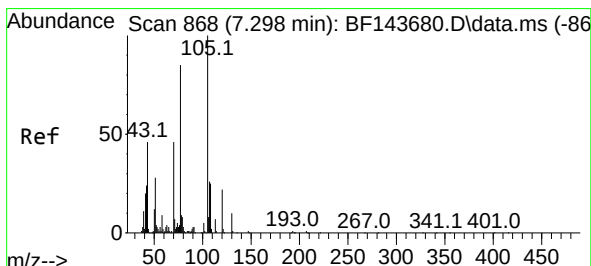
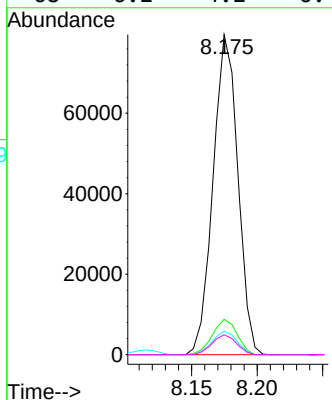


Tgt Ion:136	Resp: 10429
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 7.4	6.2 9.2
68 6.2	4.2 6.4

Manual Integrations
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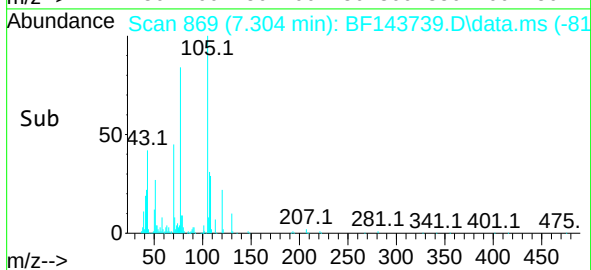
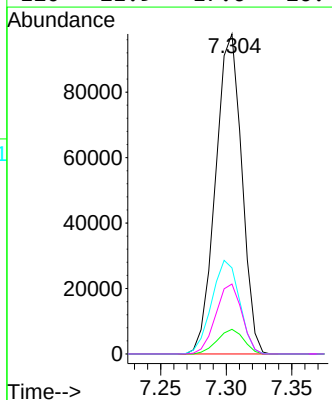
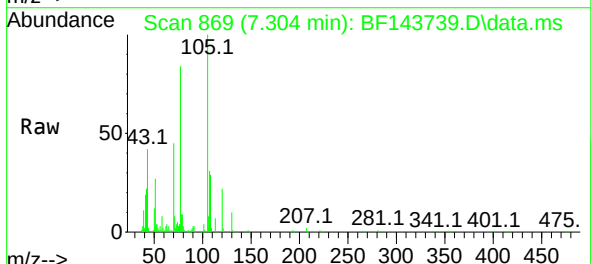
Reviewed By :Rahul
Chavli
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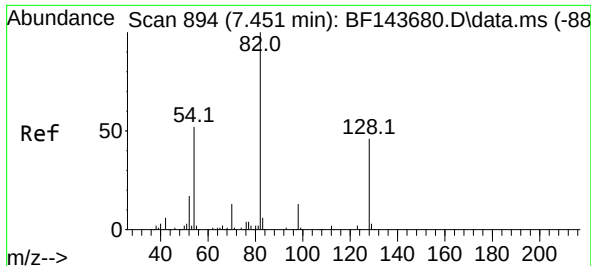
Supervised By :Jagrut
Upadhyay
09/15/2025



#22
Acetophenone
Concen: 57.661 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

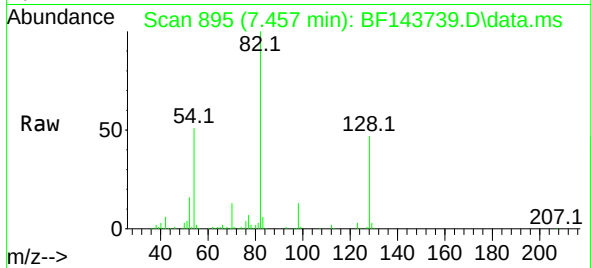
Tgt Ion:105	Resp: 135820
Ion Ratio	Lower Upper
105 100	
71 7.7	5.9 8.9
51 26.9	22.4 33.6
120 21.9	17.6 26.4





#23
Nitrobenzene-d5
Concen: 97.287 ng
RT: 7.457 min Scan# 894
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

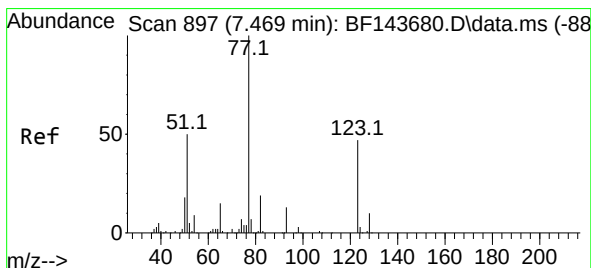
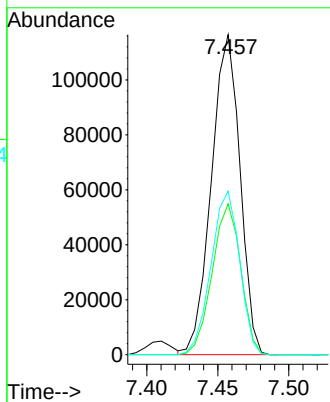
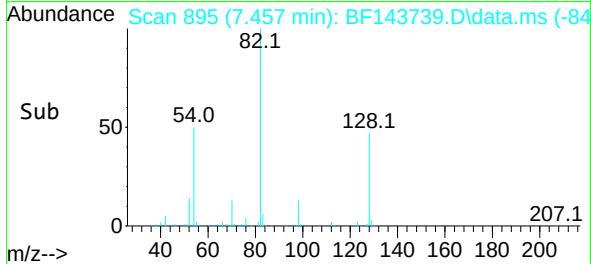


Tgt Ion: 82 Resp: 163120
Ion Ratio Lower Upper
82 100
128 47.2 37.0 55.4
54 51.1 41.8 62.8

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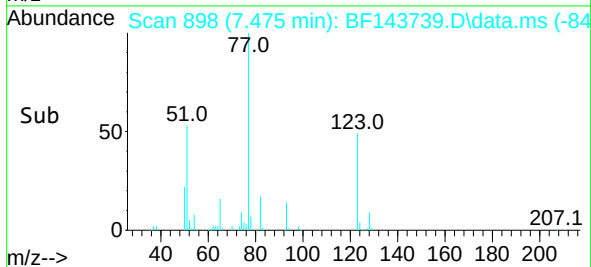
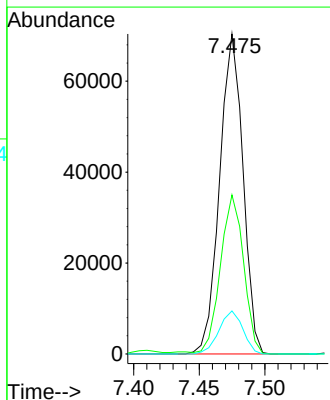
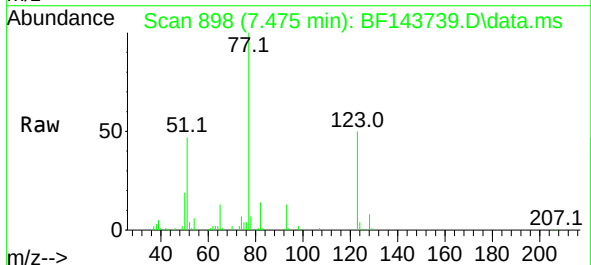
Reviewed By :Rahul
Chavli
09/15/2025

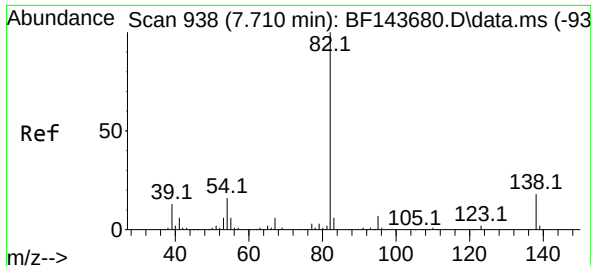
Supervised By :Jagrut
Upadhyay
09/15/2025



#24
Nitrobenzene
Concen: 50.036 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

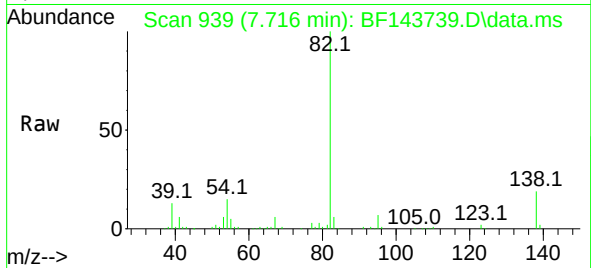
Tgt Ion: 77 Resp: 86993
Ion Ratio Lower Upper
77 100
123 49.7 37.4 56.0
65 13.4 11.6 17.4





#25
Isophorone
Concen: 50.053 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

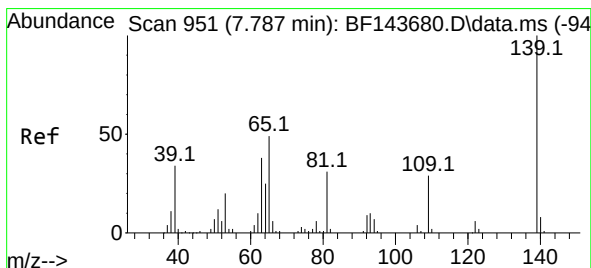
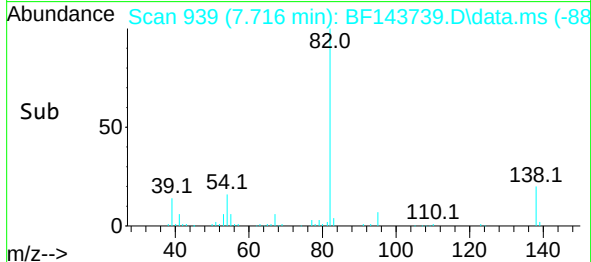
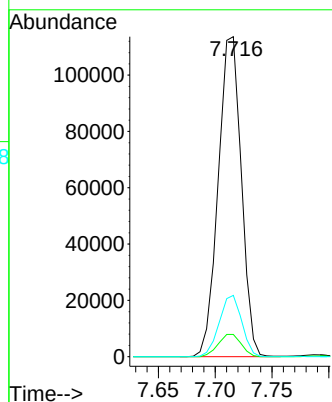


Tgt Ion: 82 Resp: 160934
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.1 14.8 22.2

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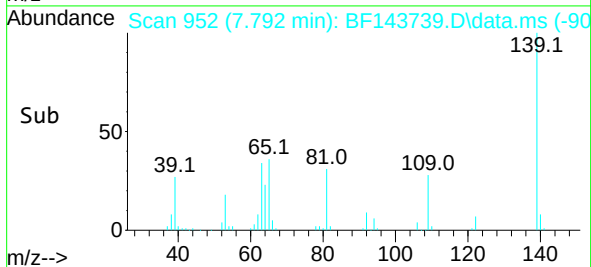
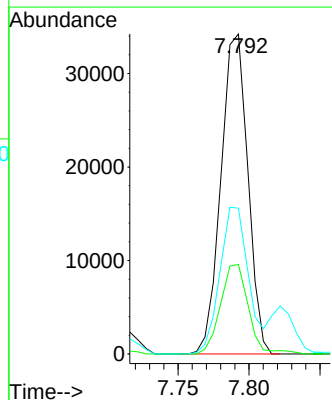
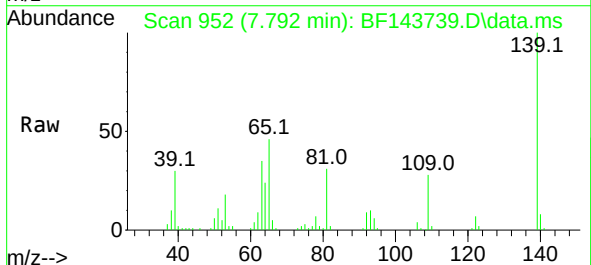
Reviewed By :Rahul
Chavli
09/15/2025

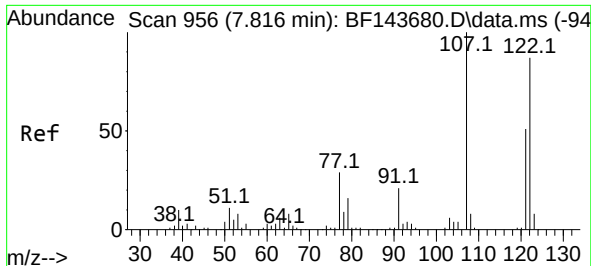
Supervised By :Jagrut
Upadhyay
09/15/2025



#26
2-Nitrophenol
Concen: 52.755 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

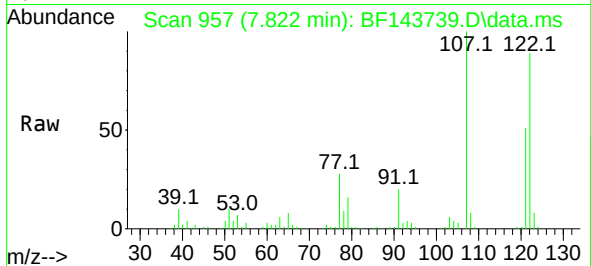
Tgt Ion:139 Resp: 45096
Ion Ratio Lower Upper
139 100
109 28.0 22.8 34.2
65 45.6 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 52.199 ng
RT: 7.822 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



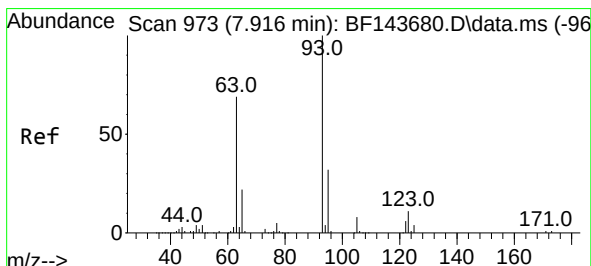
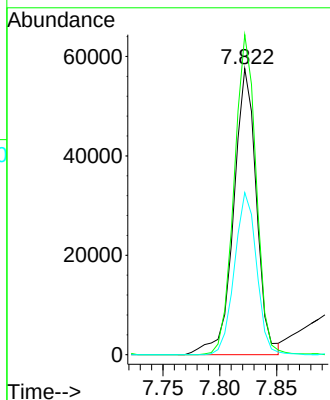
Tgt Ion:122 Resp: 80104
Ion Ratio Lower Upper
122 100
107 111.9 92.1 138.1
121 56.7 46.9 70.3

Manual Integrations
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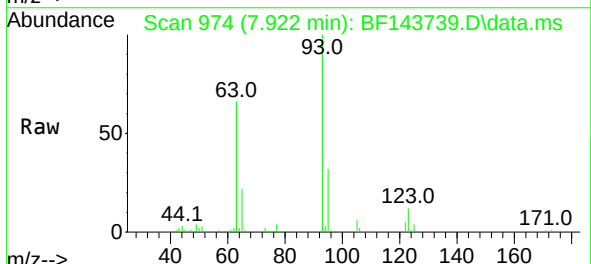
Reviewed By :Rahul
Chavli

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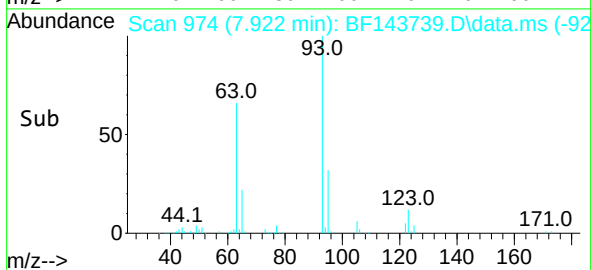
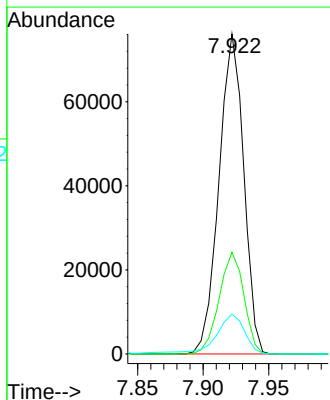
Supervised By :Jagrut
Upadhyay
09/15/2025

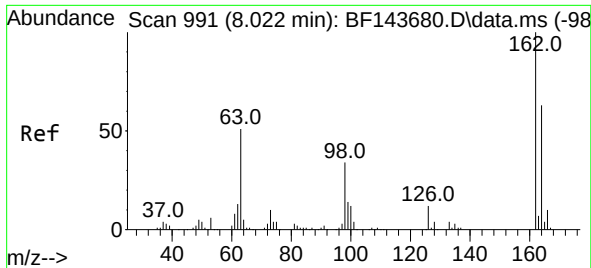


#28
bis(2-Chloroethoxy)methane
Concen: 50.472 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08



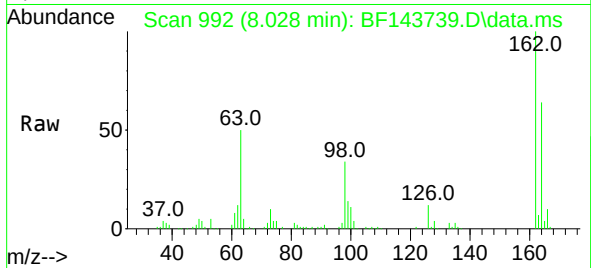
Tgt Ion: 93 Resp: 99728
Ion Ratio Lower Upper
93 100
95 31.8 26.0 39.0
123 12.5 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 48.229 ng
RT: 8.028 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



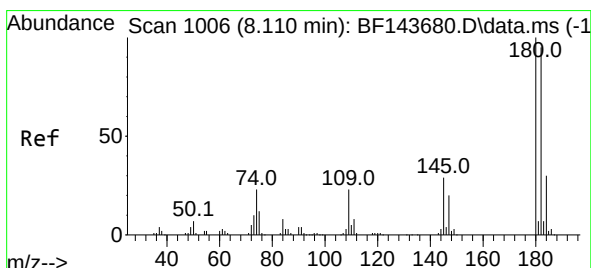
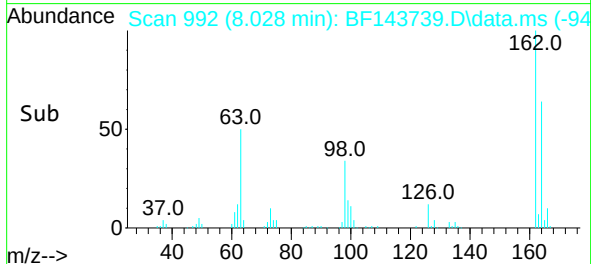
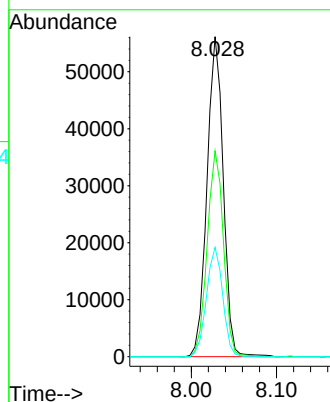
Tgt Ion:162 Resp: 74450
Ion Ratio Lower Upper
162 100
164 64.3 43.0 83.0
98 34.2 13.8 53.8

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Chavli

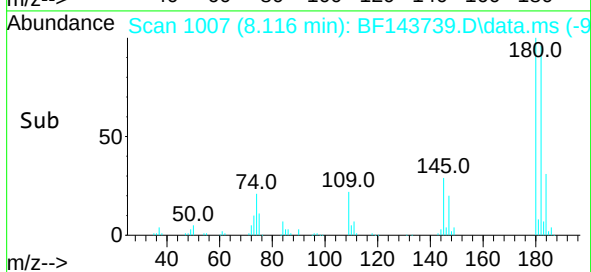
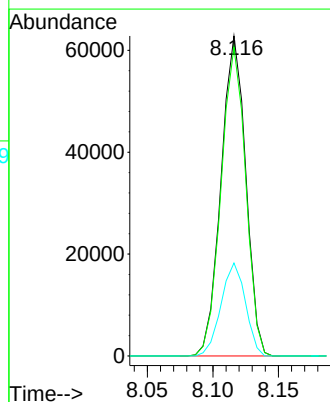
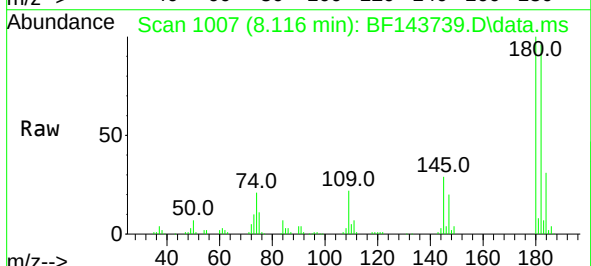
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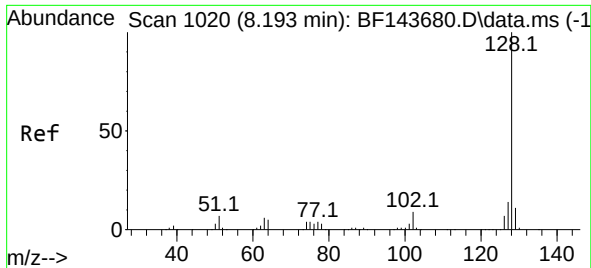
Supervised By :Jagrut
Upadhyay
09/15/2025



#30
1,2,4-Trichlorobenzene
Concen: 51.351 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

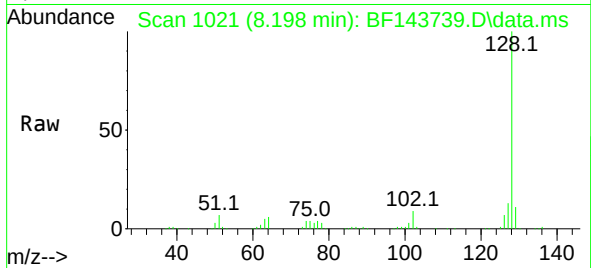
Tgt Ion:180 Resp: 82123
Ion Ratio Lower Upper
180 100
182 96.4 76.2 114.4
145 29.0 23.2 34.8





#31
Naphthalene
Concen: 48.833 ng
RT: 8.198 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

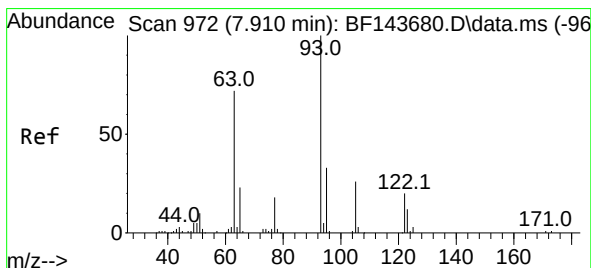
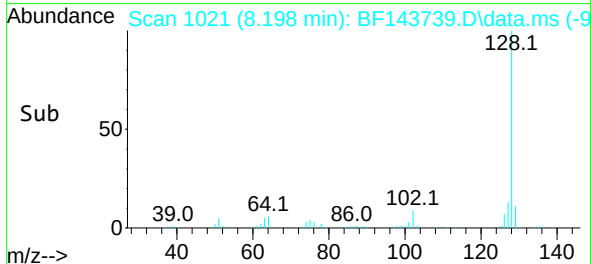
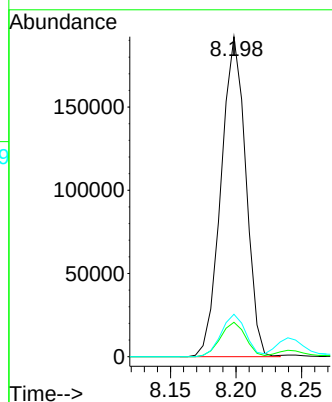


Tgt Ion:128 Resp: 252120
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.9 16.3

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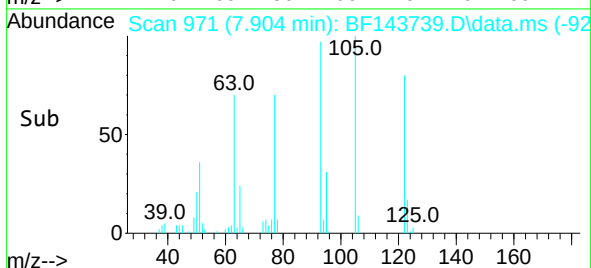
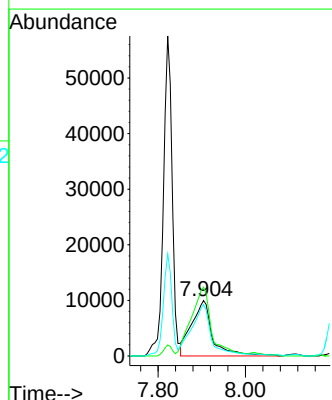
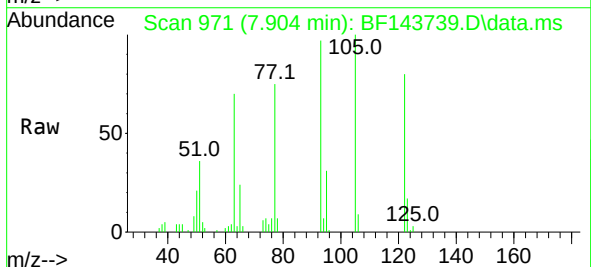
Reviewed By :Rahul
Chavli
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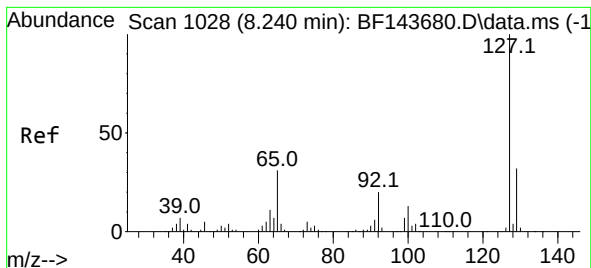
Supervised By :Jagrut
Upadhyay
09/15/2025



#32
Benzoic acid
Concen: 35.898 ng m
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

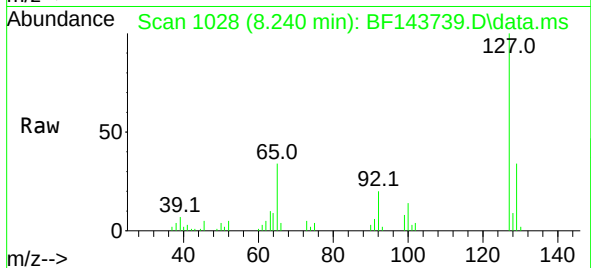
Tgt Ion:122 Resp: 33609
Ion Ratio Lower Upper
122 100
105 124.3 105.2 145.2
77 92.7 72.0 112.0





#33
4-Chloroaniline
Concen: 10.724 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

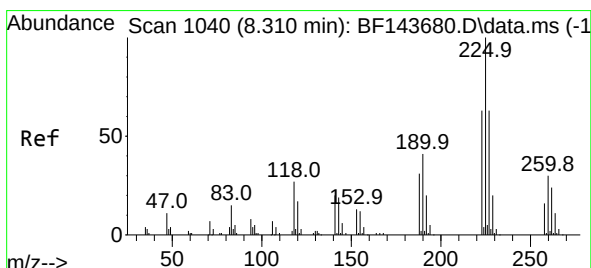
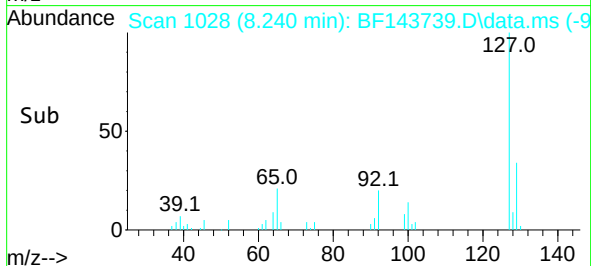
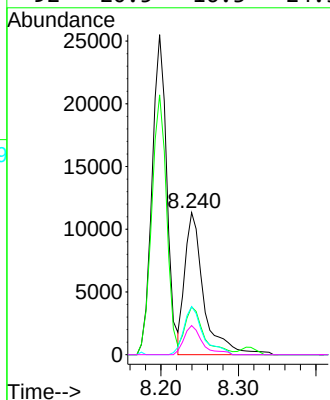


Tgt Ion:127 Resp: 1927
Ion Ratio Lower Upper
127 100
129 33.7 26.0 39.0
65 33.9 24.6 36.8
92 20.5 16.3 24.5

Manual Integrations
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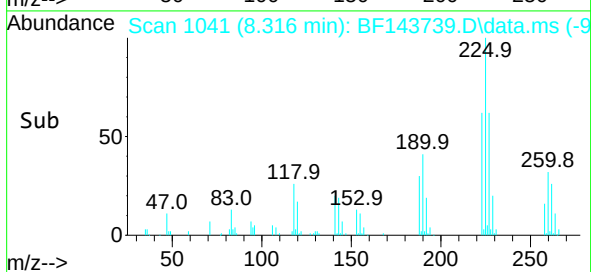
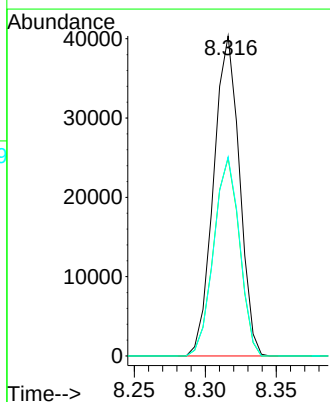
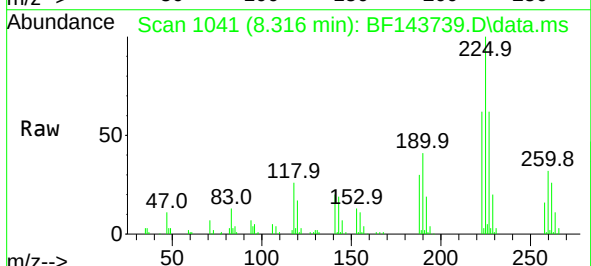
Reviewed By :Rahul
Chavli
09/15/2025

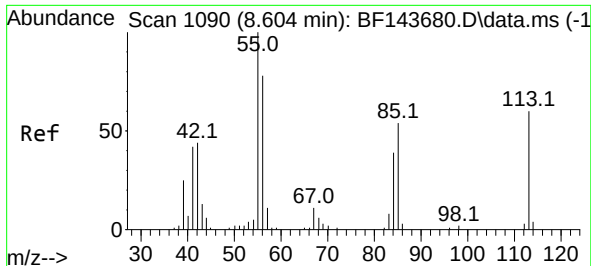
Supervised By :Jagrut
Upadhyay
09/15/2025



#34
Hexachlorobutadiene
Concen: 48.922 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

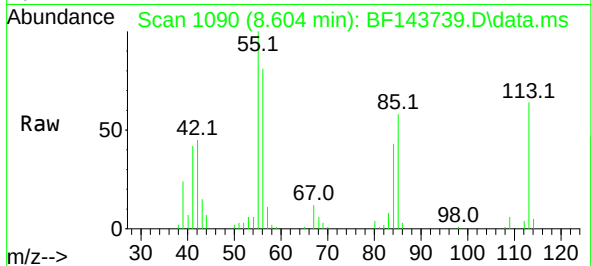
Tgt Ion:225 Resp: 51031
Ion Ratio Lower Upper
225 100
223 61.9 50.6 76.0
227 62.2 50.8 76.2





#35
 Caprolactam
 Concen: 43.604 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF143739.D
 Acq: 12 Sep 2025 18:08

Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMPMS



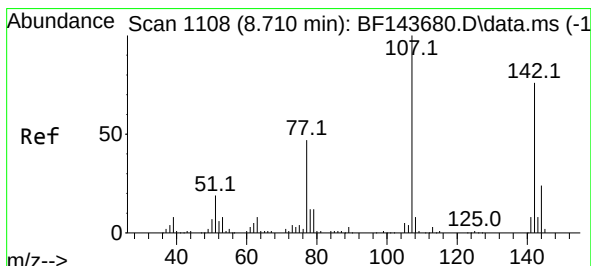
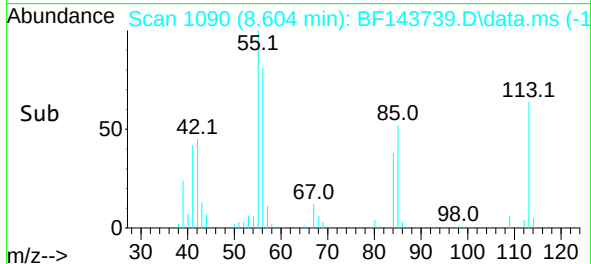
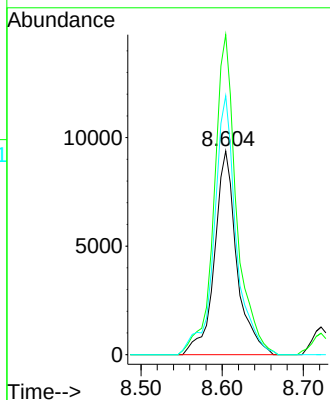
Tgt Ion:113 Resp: 17915
 Ion Ratio Lower Upper
 113 100
 55 157.1 148.9 188.9
 56 127.0 112.8 152.8

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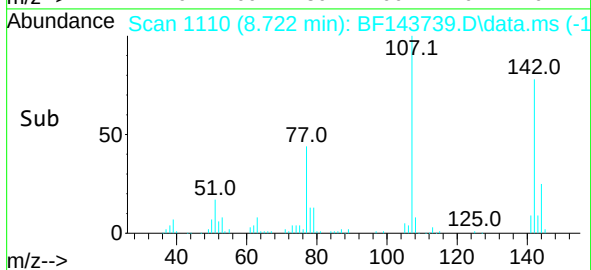
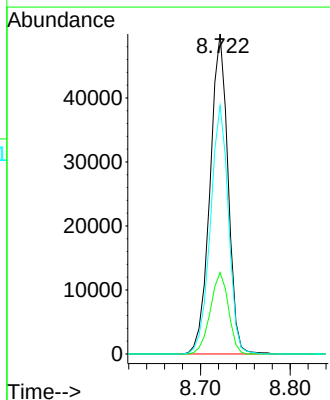
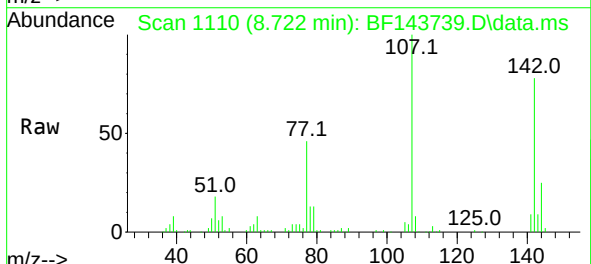
09/15/2025

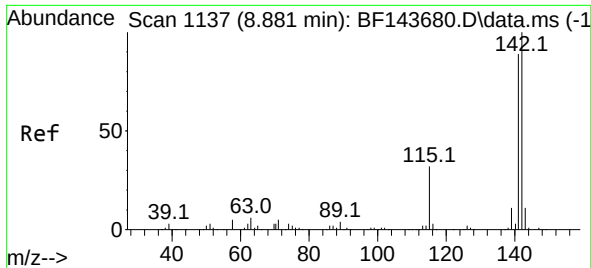
Supervised By :Jagrut
 Upadhyay
 09/15/2025



#36
 4-Chloro-3-methylphenol
 Concen: 45.685 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF143739.D
 Acq: 12 Sep 2025 18:08

Tgt Ion:107 Resp: 69537
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.4 29.2
 142 77.6 60.6 91.0





#37
2-Methylnaphthalene
Concen: 43.781 ng
RT: 8.887 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

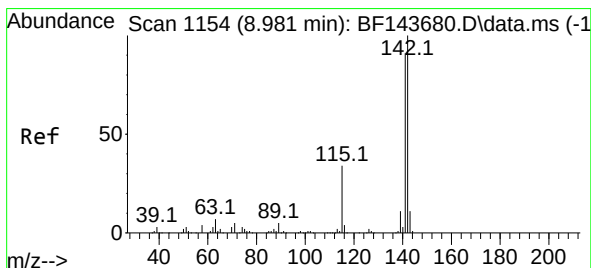
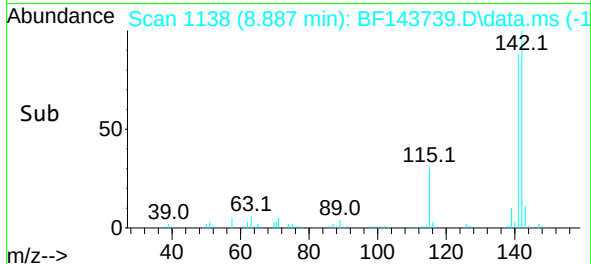
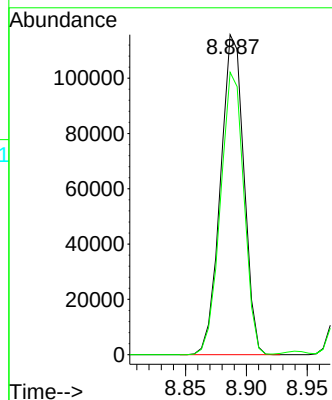
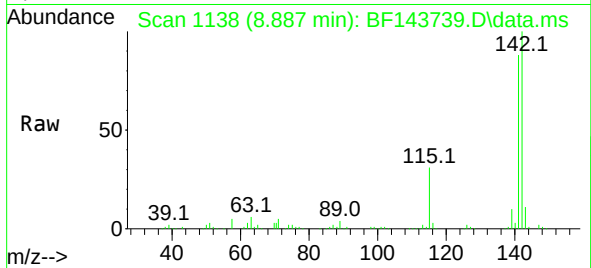
Tgt Ion:142 Resp: 15473
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7

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Chavli

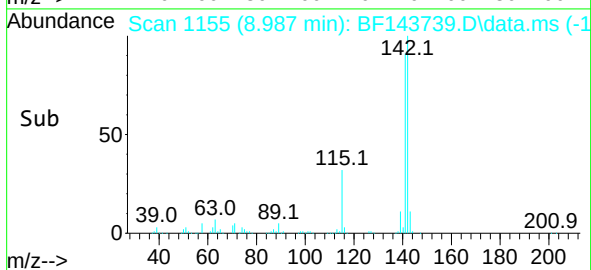
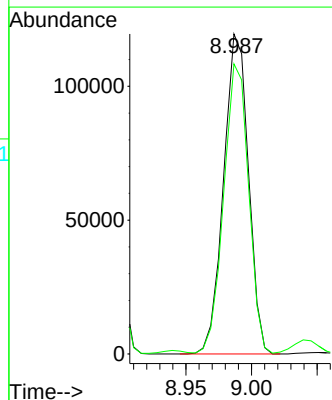
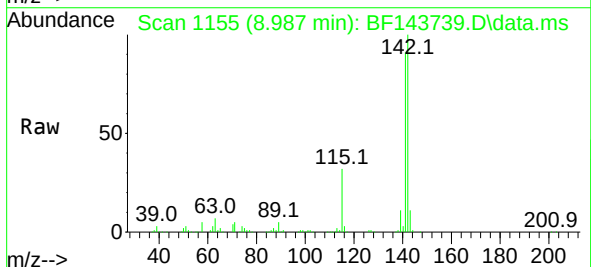
09/15/2025

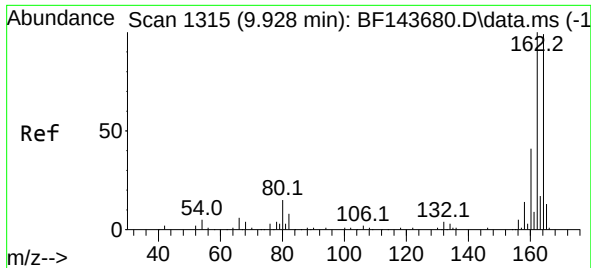
Supervised By :Jagrut
Upadhyay
09/15/2025



#38
1-Methylnaphthalene
Concen: 46.377 ng
RT: 8.987 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

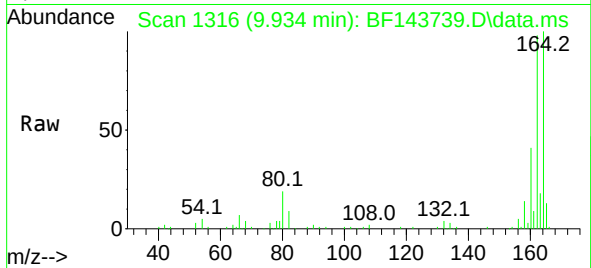
Tgt Ion:142 Resp: 157299
Ion Ratio Lower Upper
142 100
141 90.6 72.9 109.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



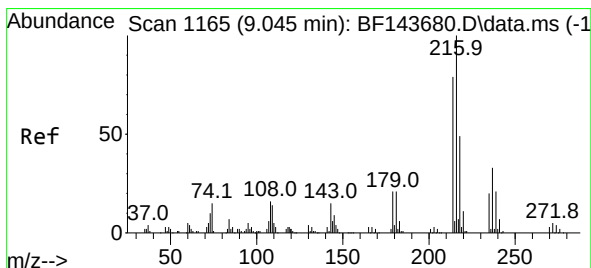
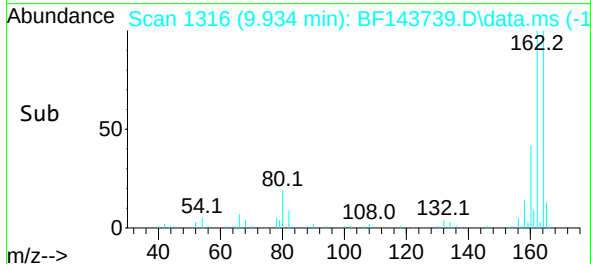
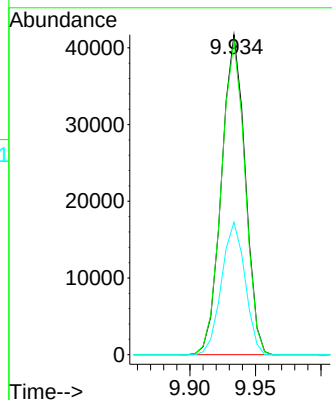
Tgt Ion:164 Resp: 52180
Ion Ratio Lower Upper
164 100
162 97.9 80.6 121.0
160 41.4 33.0 49.4

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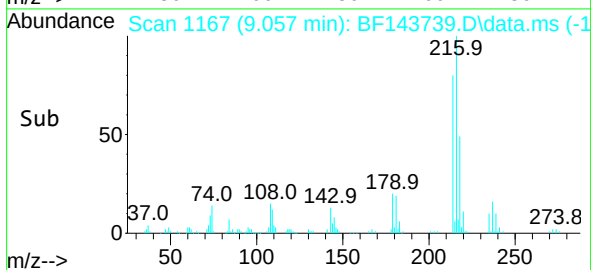
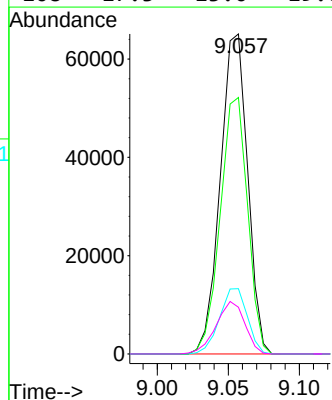
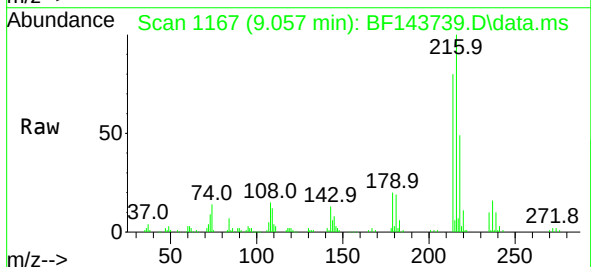
09/15/2025

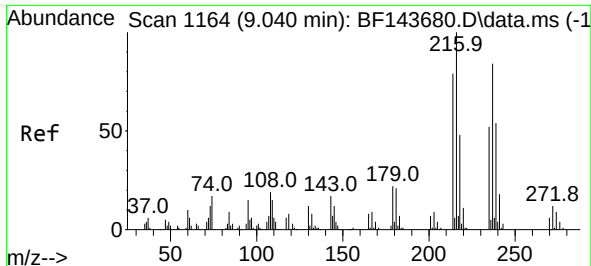
Supervised By :Jagrut
Upadhyay
09/15/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.406 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

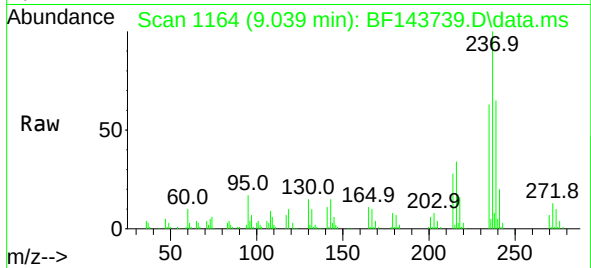
Tgt Ion:216 Resp: 87248
Ion Ratio Lower Upper
216 100
214 80.2 63.2 94.8
179 20.8 16.8 25.2
108 17.3 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 88.381 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



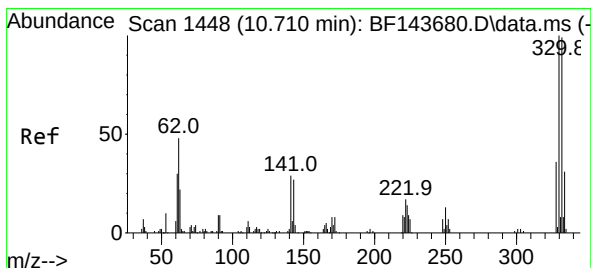
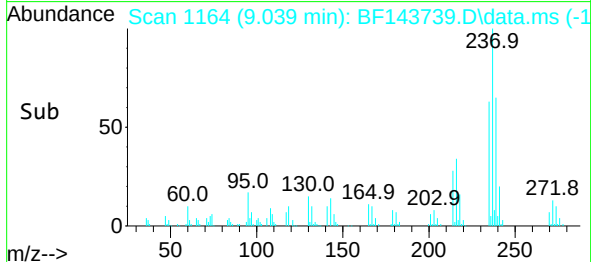
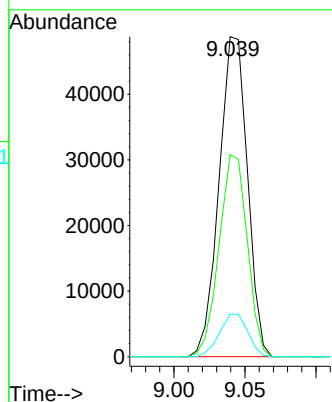
Tgt Ion:237 Resp: 6778
Ion Ratio Lower Upper
237 100
235 63.1 41.6 81.6
272 13.2 0.0 33.9

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Chavli

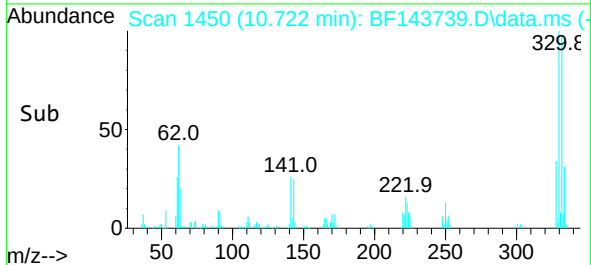
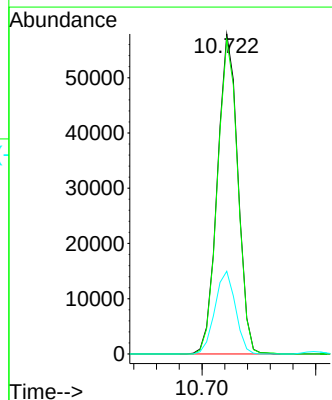
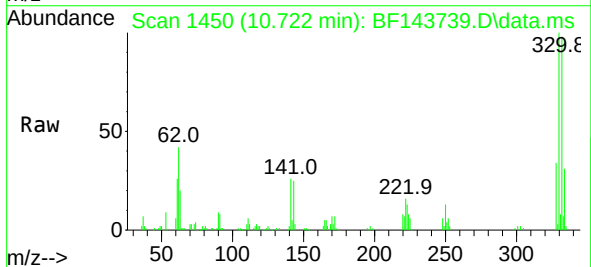
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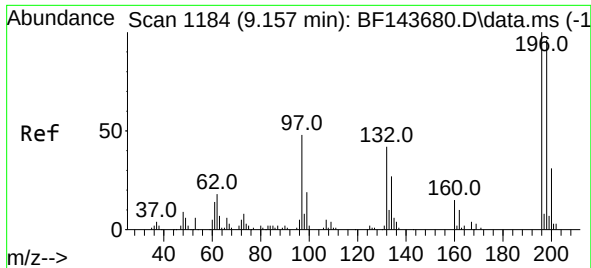
Supervised By :Jagrut
Upadhyay
09/15/2025



#42
2,4,6-Tribromophenol
Concen: 137.754 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

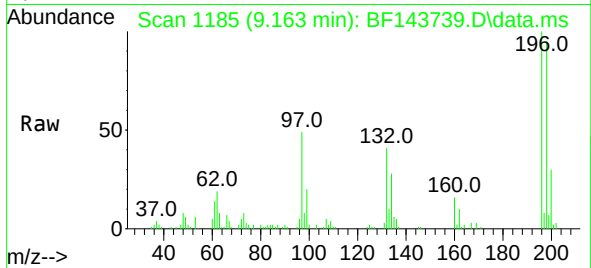
Tgt Ion:330 Resp: 72439
Ion Ratio Lower Upper
330 100
332 97.9 79.2 118.8
141 25.9 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 51.599 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

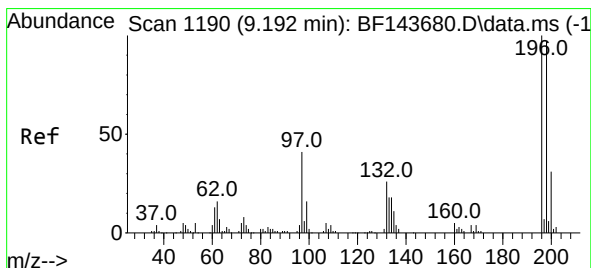
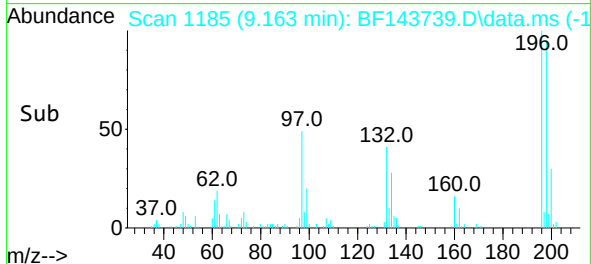
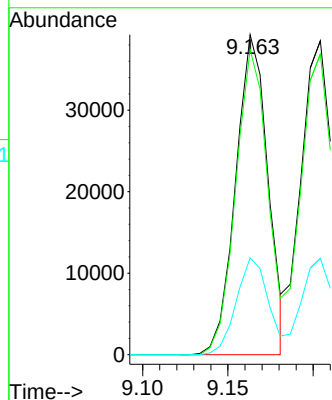


Tgt Ion:196 Resp: 51470
Ion Ratio Lower Upper
196 100
198 95.4 76.5 114.7
200 30.3 24.5 36.7

Manual Integrations
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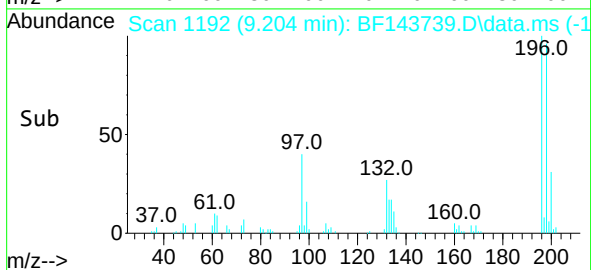
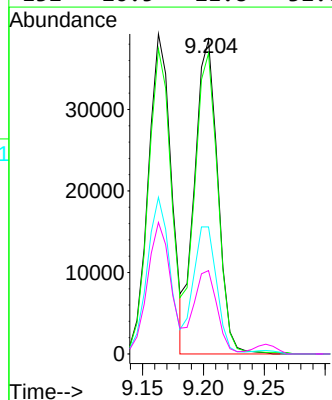
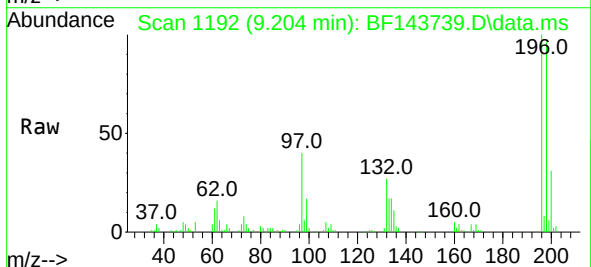
Reviewed By :Rahul
Chavli
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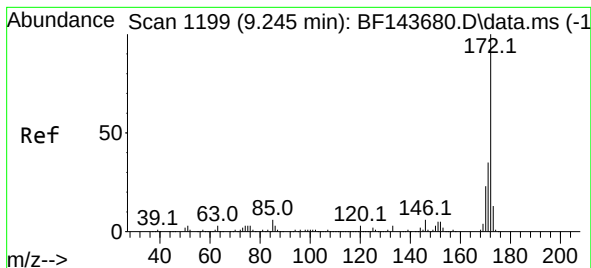
Supervised By :Jagrut
Upadhyay
09/15/2025



#44
2,4,5-Trichlorophenol
Concen: 50.231 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

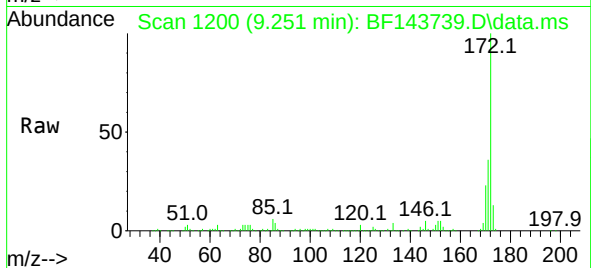
Tgt Ion:196 Resp: 50937
Ion Ratio Lower Upper
196 100
198 95.8 77.0 115.6
97 40.5 34.2 51.4
132 26.5 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 98.884 ng
RT: 9.251 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



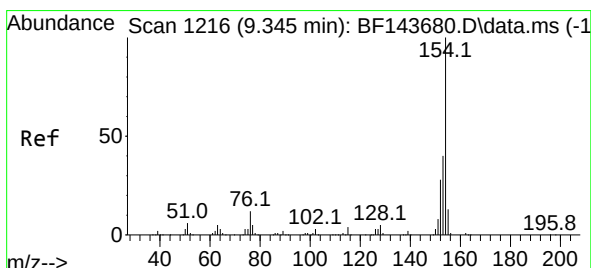
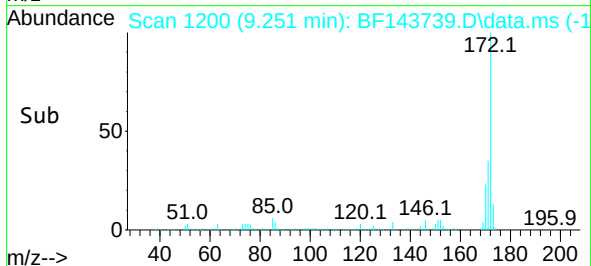
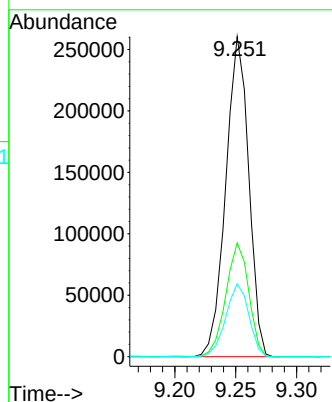
Tgt Ion:172 Resp: 341560
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 22.8 18.6 27.8

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Chavli

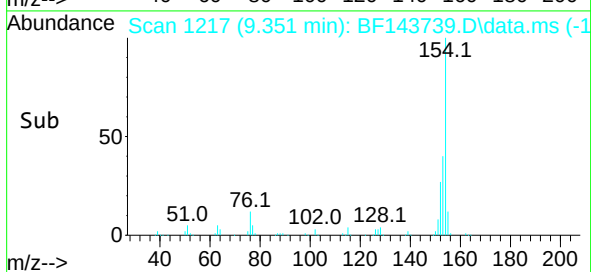
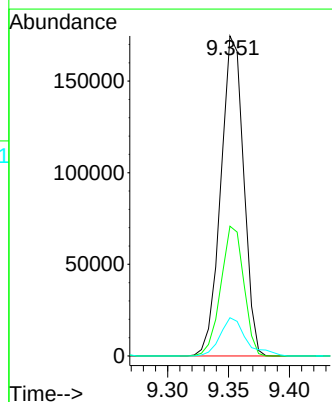
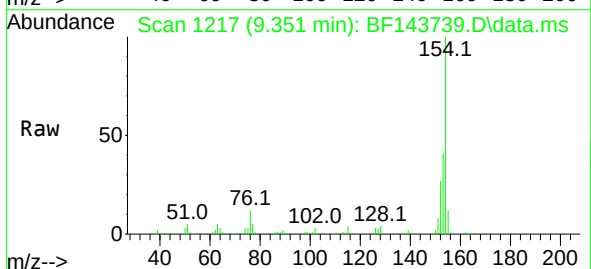
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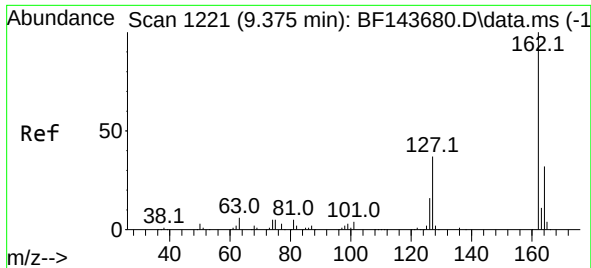
Supervised By :Jagrut
Upadhyay
09/15/2025



#46
1,1'-Biphenyl
Concen: 60.680 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

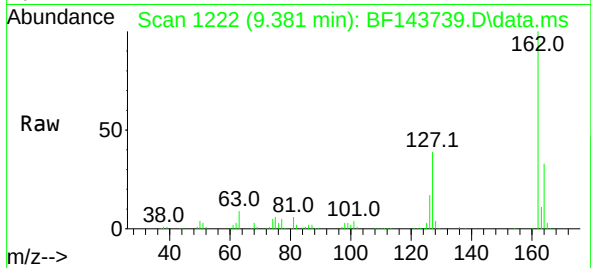
Tgt Ion:154 Resp: 227949
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 11.9 0.0 31.6





#47
2-Chloronaphthalene
Concen: 51.897 ng
RT: 9.381 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



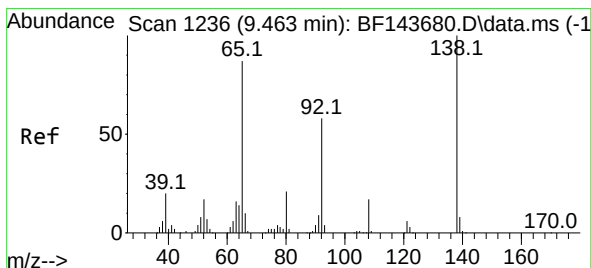
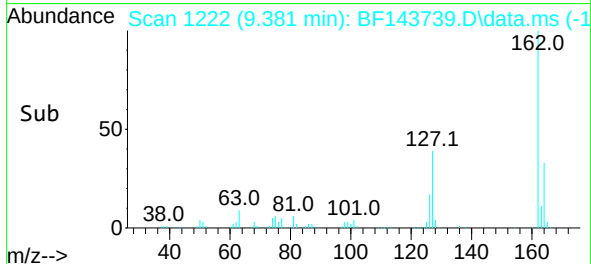
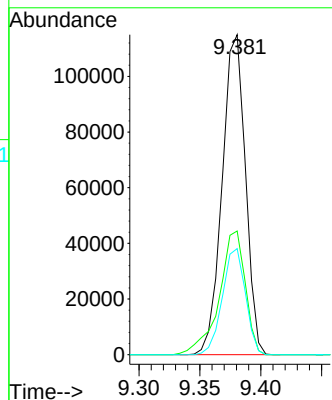
Tgt Ion:162 Resp: 15283
Ion Ratio Lower Upper
162 100
127 38.6 30.6 45.8
164 33.1 25.8 38.8

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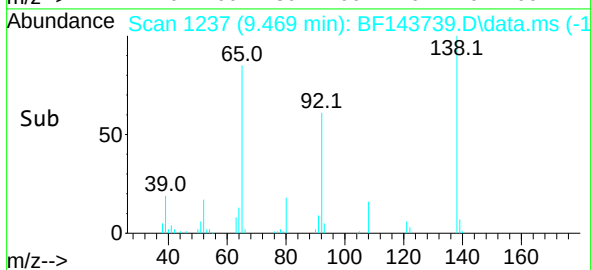
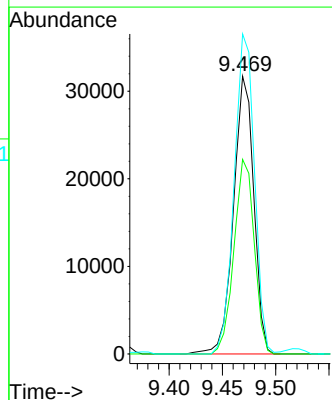
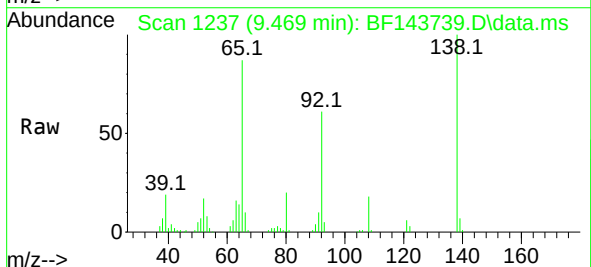
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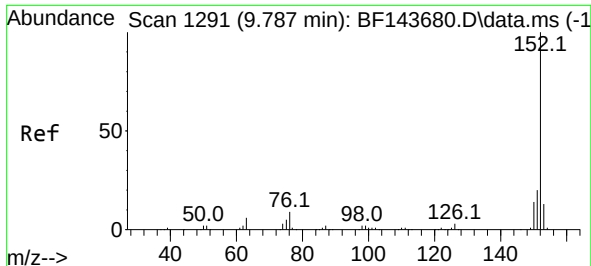
Supervised By :Jagrut
Upadhyay
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#48
2-Nitroaniline
Concen: 54.022 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

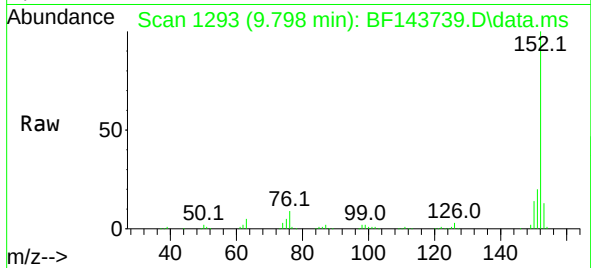
Tgt Ion: 65 Resp: 42102
Ion Ratio Lower Upper
65 100
92 70.1 53.3 79.9
138 115.2 92.1 138.1





#49
Acenaphthylene
Concen: 58.731 ng
RT: 9.798 min Scan# 1293
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



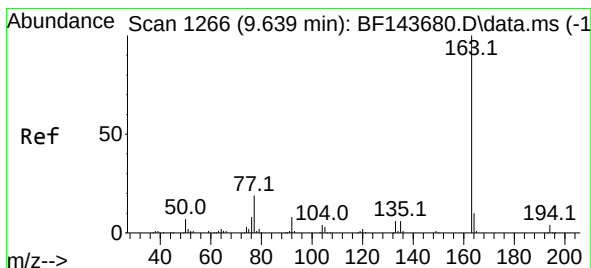
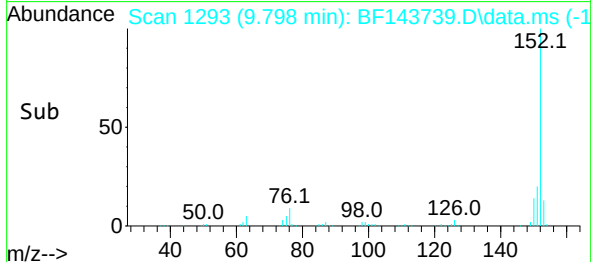
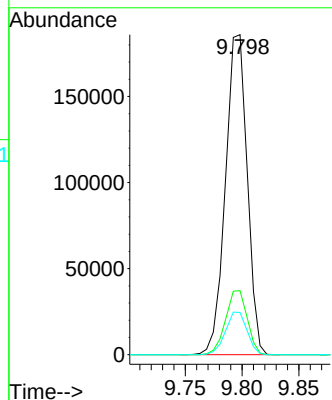
Tgt Ion:152 Resp: 24775
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.2 10.4 15.6

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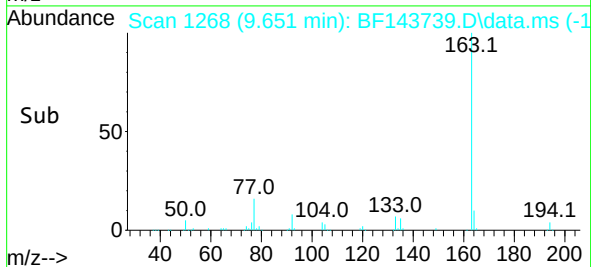
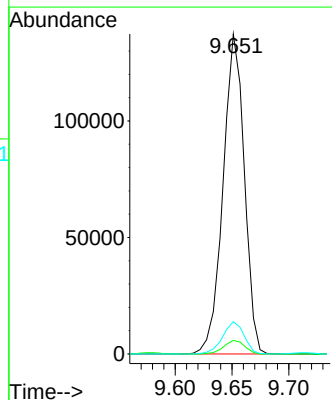
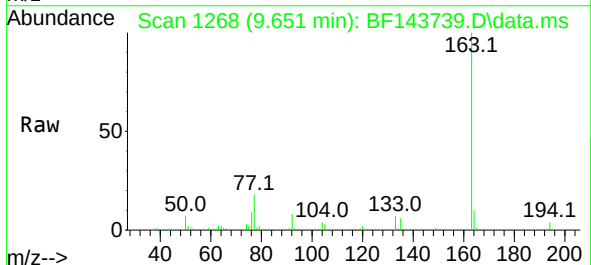
09/15/2025

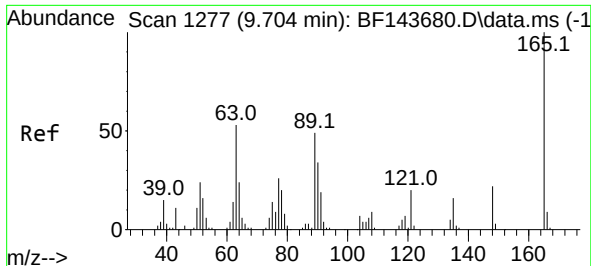
Supervised By :Jagrut
Upadhyay
09/15/2025



#50
Dimethylphthalate
Concen: 52.707 ng
RT: 9.651 min Scan# 1268
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

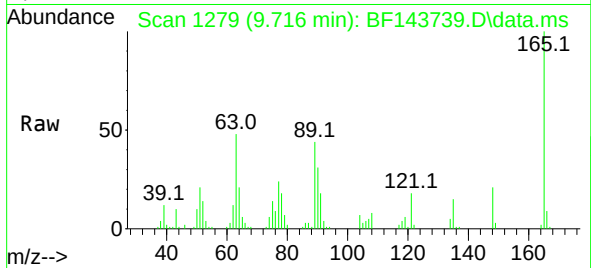
Tgt Ion:163 Resp: 178939
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 58.649 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



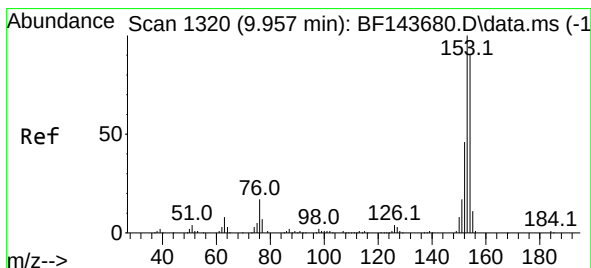
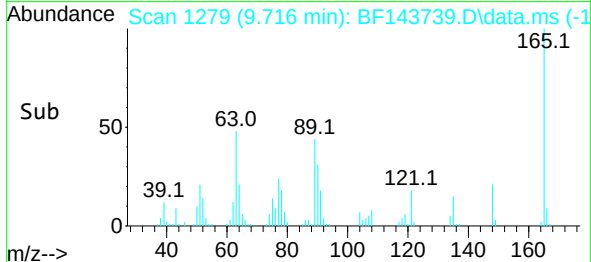
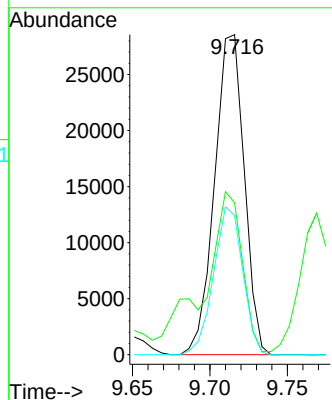
Tgt Ion:165 Resp: 38070
Ion Ratio Lower Upper
165 100
63 47.5 42.2 63.4
89 43.5 39.3 58.9

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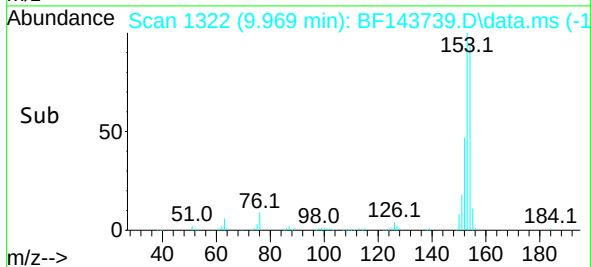
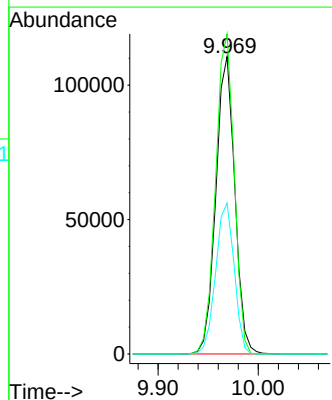
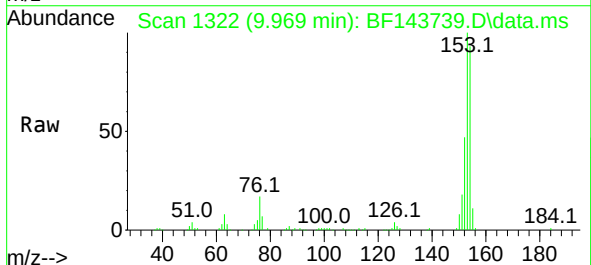
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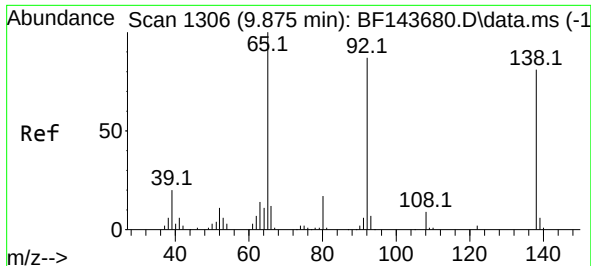
Supervised By :Jagrut
Upadhyay
09/15/2025



#52
Acenaphthene
Concen: 49.799 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

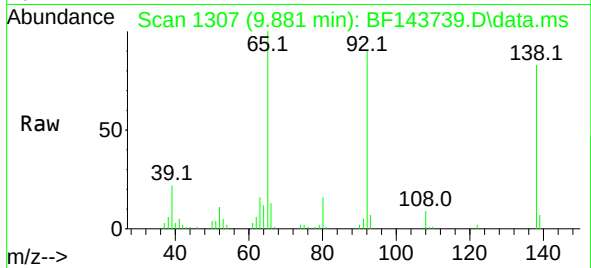
Tgt Ion:154 Resp: 144763
Ion Ratio Lower Upper
154 100
153 107.6 89.4 134.0
152 50.7 41.2 61.8





#53
3-Nitroaniline
Concen: 26.670 ng
RT: 9.881 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



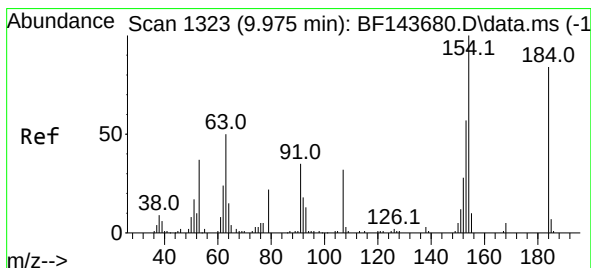
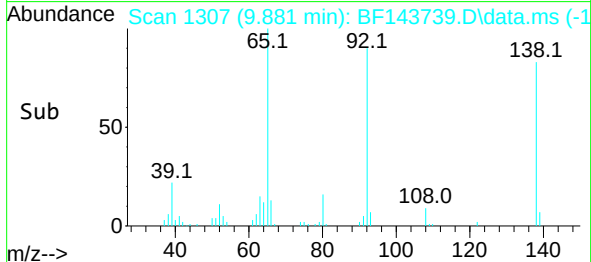
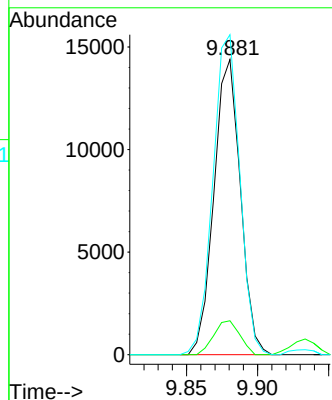
Tgt Ion:138 Resp: 18630
Ion Ratio Lower Upper
138 100
108 11.5 8.6 12.8
92 108.4 85.5 128.3

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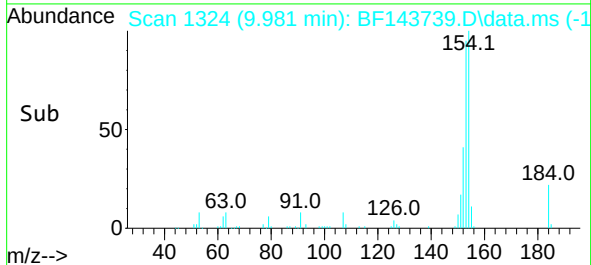
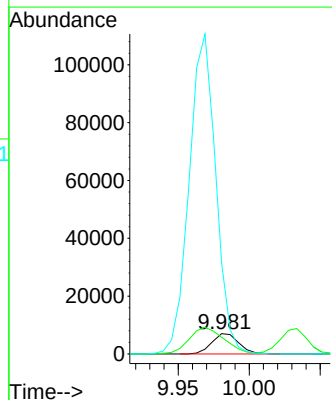
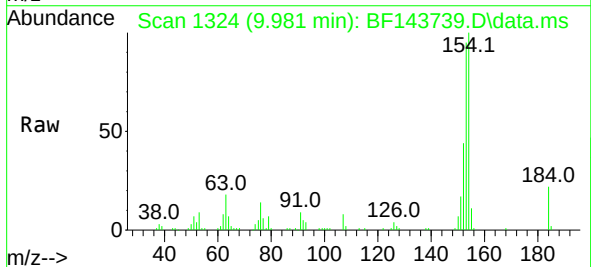
09/15/2025

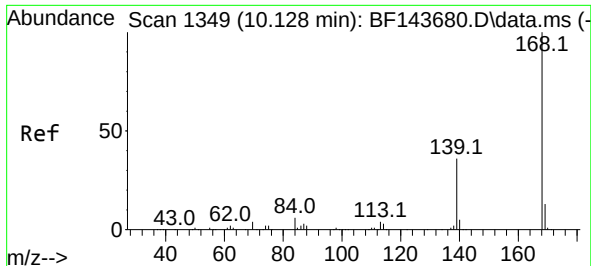
Supervised By :Jagrut
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#54
2,4-Dinitrophenol
Concen: 30.359 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

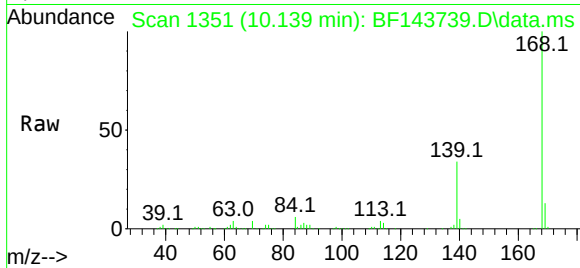
Tgt Ion:184 Resp: 9298
Ion Ratio Lower Upper
184 100
63 81.9 52.7 79.1#
154 446.1 136.6 204.8#





#55
Dibenzofuran
Concen: 50.849 ng
RT: 10.139 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



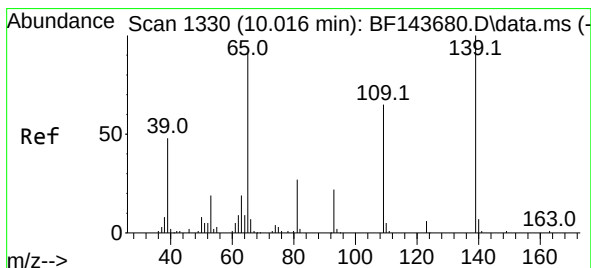
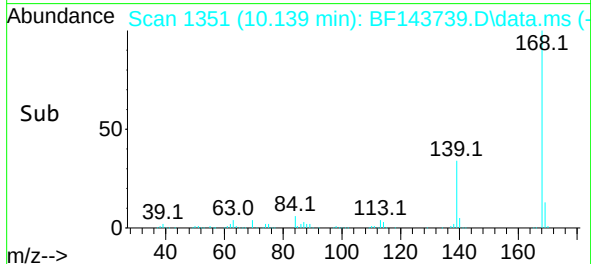
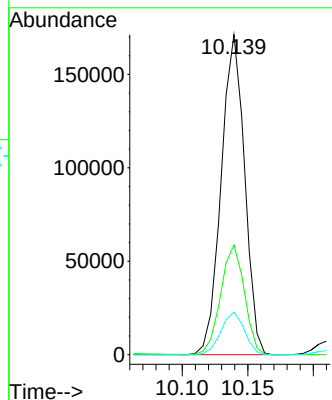
Tgt Ion:168 Resp: 212550
Ion Ratio Lower Upper
168 100
139 34.3 29.0 43.4
169 13.3 10.8 16.2

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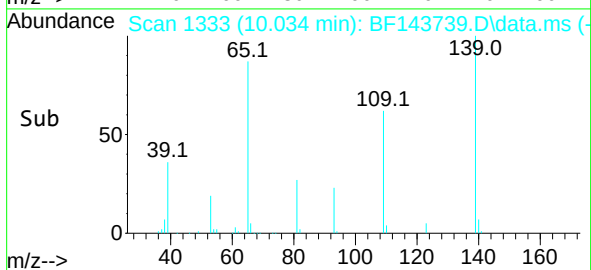
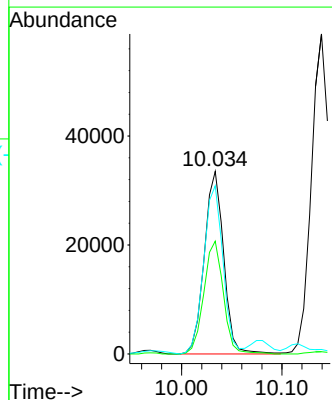
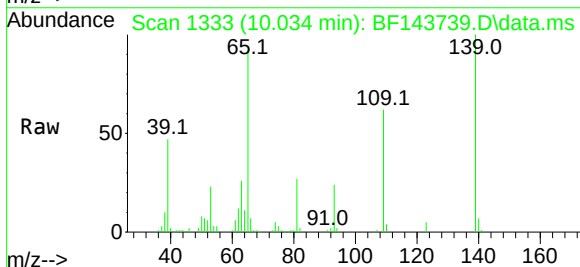
09/15/2025

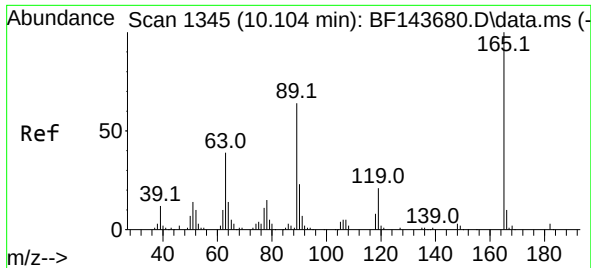
Supervised By :Jagrut
Upadhyay
09/15/2025



#56
4-Nitrophenol
Concen: 81.532 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.018 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

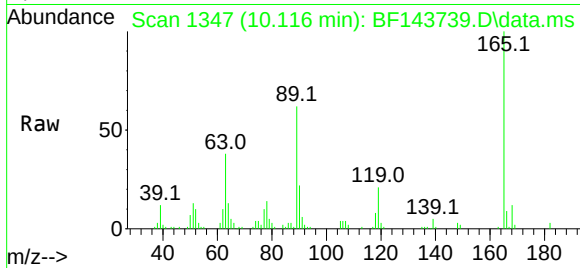
Tgt Ion:139 Resp: 45311
Ion Ratio Lower Upper
139 100
109 61.8 45.2 85.2
65 92.1 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 55.205 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

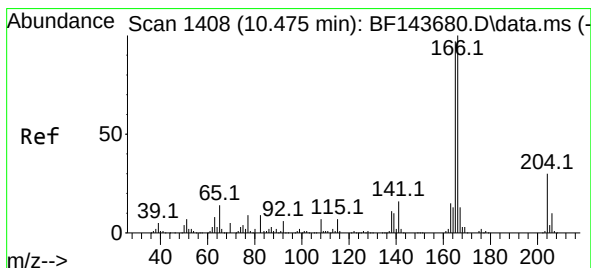
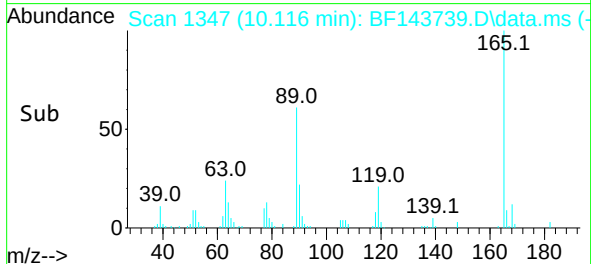
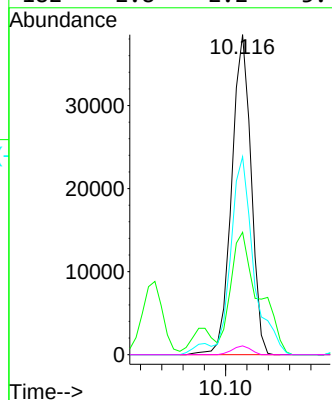


Tgt Ion:165 Resp: 4877
Ion Ratio Lower Upper
165 100
63 38.3 31.5 47.3
89 61.8 51.3 76.9
182 2.8 2.2 3.4

Manual Integrations
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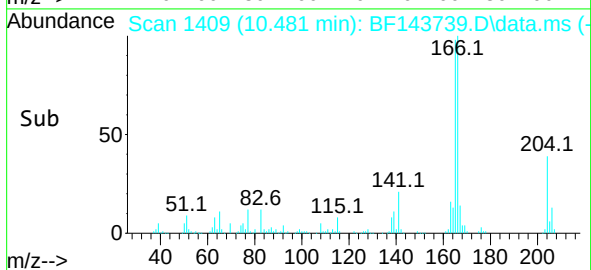
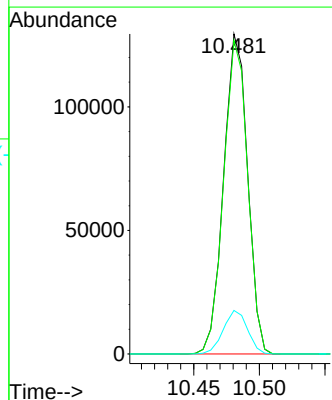
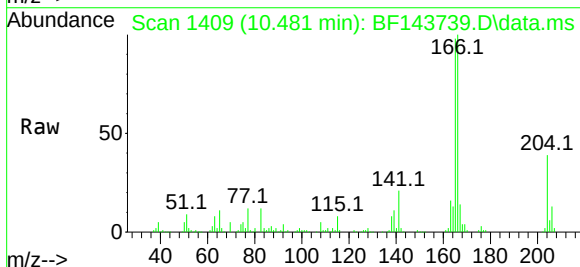
Reviewed By :Rahul
Chavli
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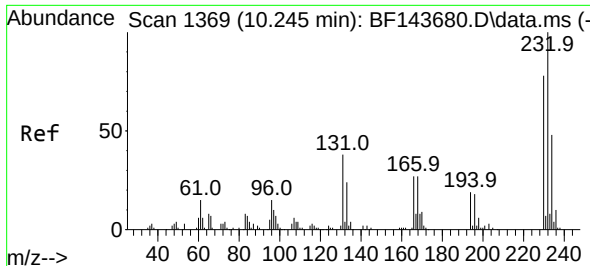
Supervised By :Jagrut
Upadhyay
09/15/2025



#58
Fluorene
Concen: 50.181 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

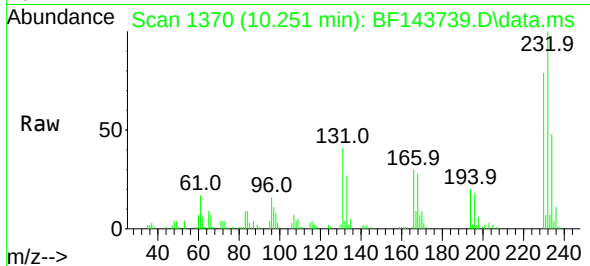
Tgt Ion:166 Resp: 164196
Ion Ratio Lower Upper
166 100
165 97.9 77.5 116.3
167 13.6 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.777 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

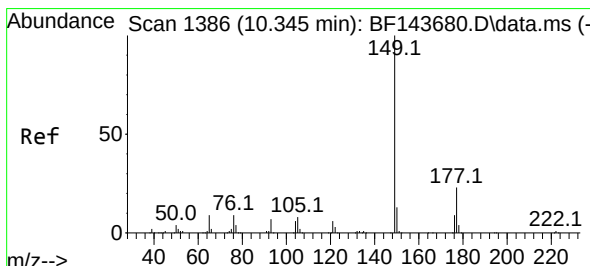
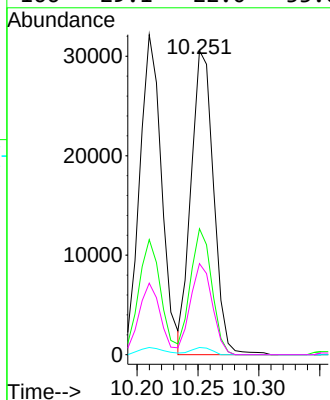
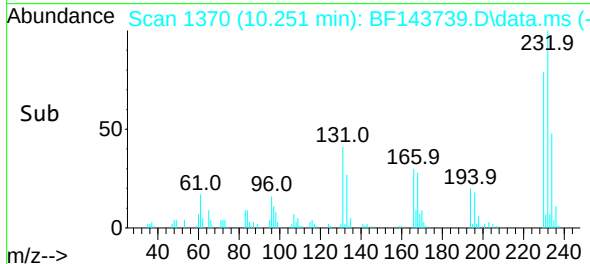


Tgt Ion:232 Resp: 3928
Ion Ratio Lower Upper
232 100
131 39.2 31.9 47.9
130 2.2 1.4 2.0
166 29.1 22.0 33.0

Manual Integrations
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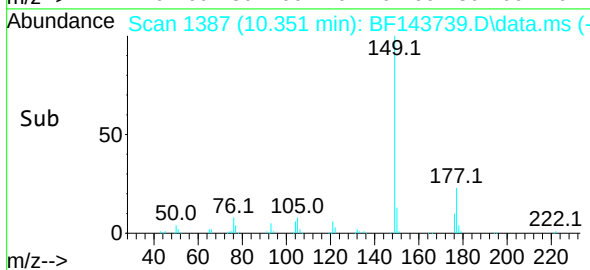
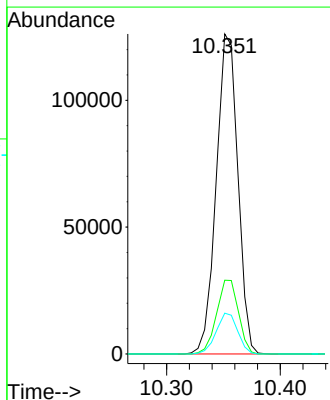
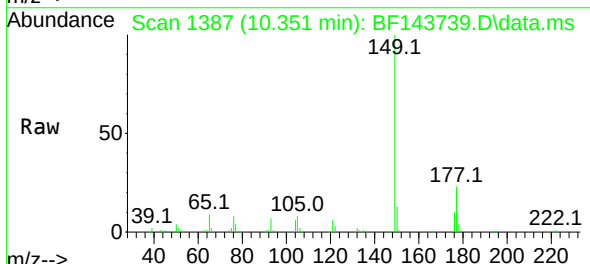
Reviewed By :Rahul
Chavli
09/15/2025

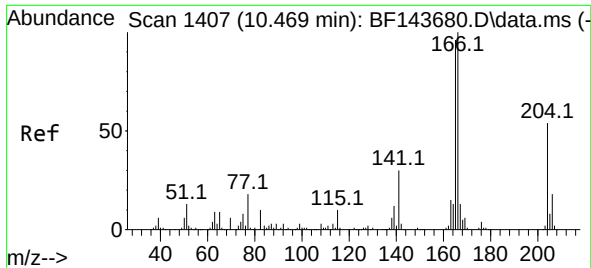
Supervised By :Jagrut
Upadhyay
09/15/2025



#60
Diethylphthalate
Concen: 52.333 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

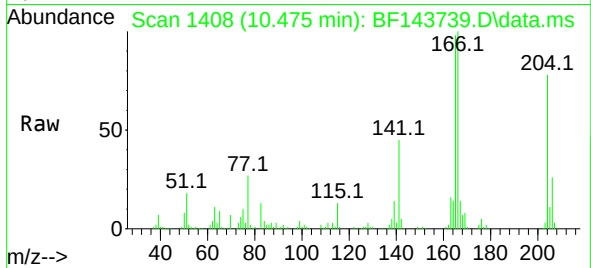
Tgt Ion:149 Resp: 166802
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 50.059 ng
RT: 10.475 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



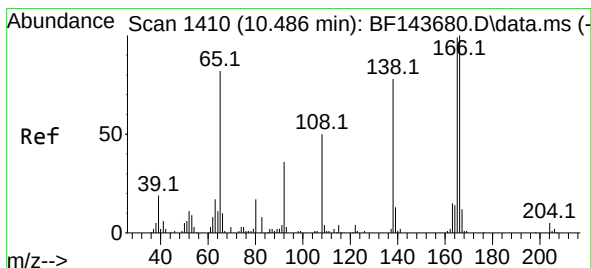
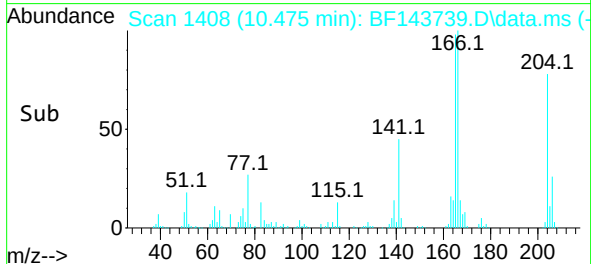
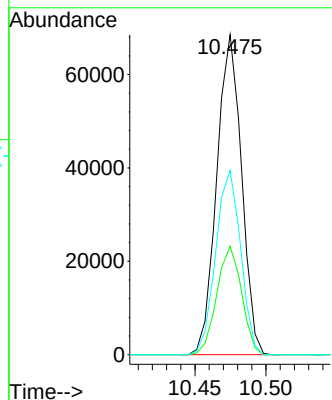
Tgt Ion:204 Resp: 8307
Ion Ratio Lower Upper
204 100
206 33.9 26.0 39.0
141 57.6 44.8 67.2

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Reviewed By :Rahul
Chavli

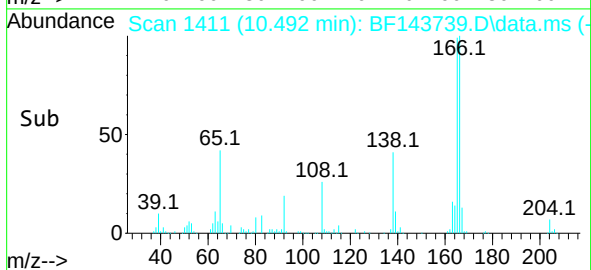
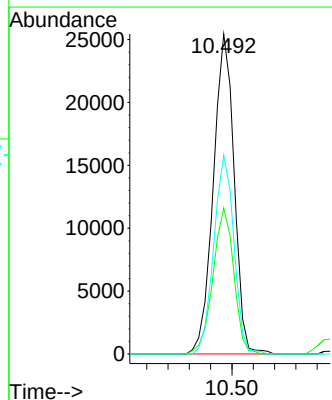
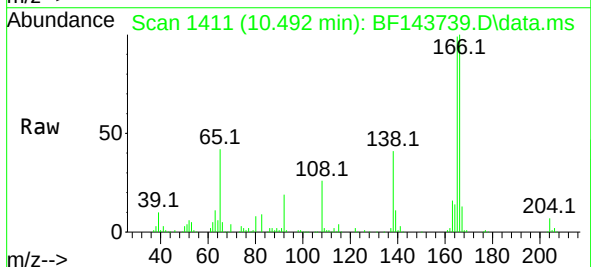
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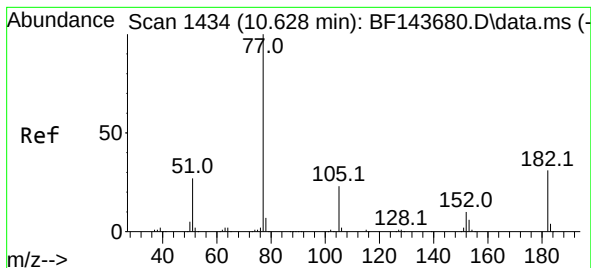
Supervised By :Jagrut
Upadhyay
09/15/2025



#62
4-Nitroaniline
Concen: 52.040 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

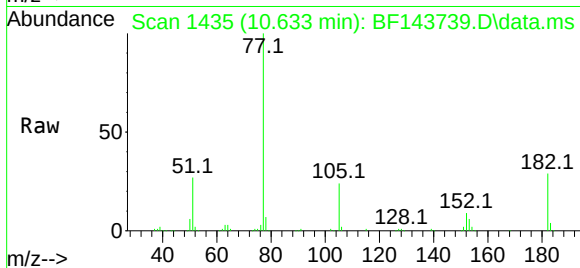
Tgt Ion:138 Resp: 34430
Ion Ratio Lower Upper
138 100
92 45.5 26.4 66.4
108 62.1 44.3 84.3





#63
Azobenzene
Concen: 50.223 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

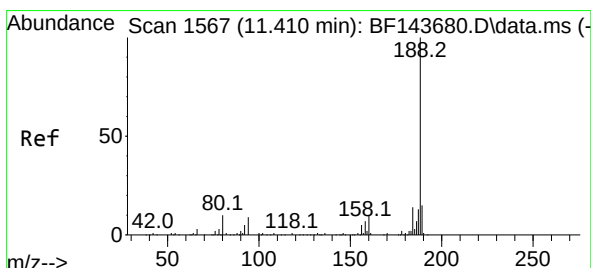
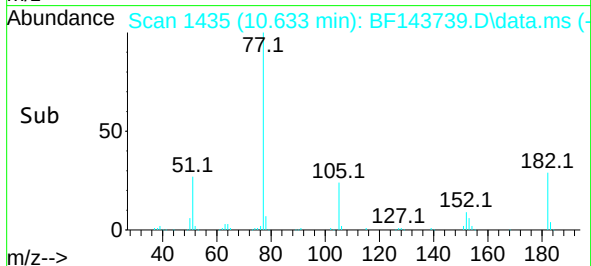
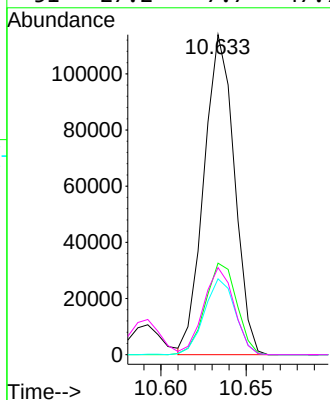


Tgt Ion: 77 Resp: 141518
Ion Ratio Lower Upper
77 100
182 28.6 10.8 50.8
105 23.7 3.2 43.2
51 27.2 7.7 47.7

Manual Integrations
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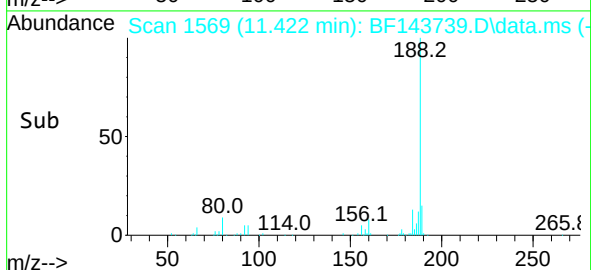
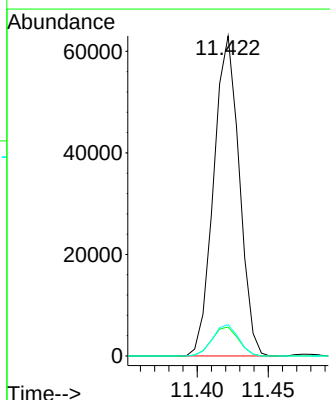
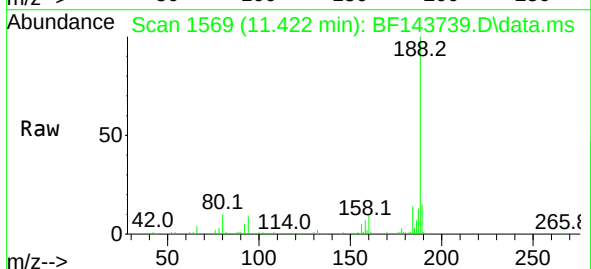
Reviewed By :Rahul
Chavli
09/15/2025

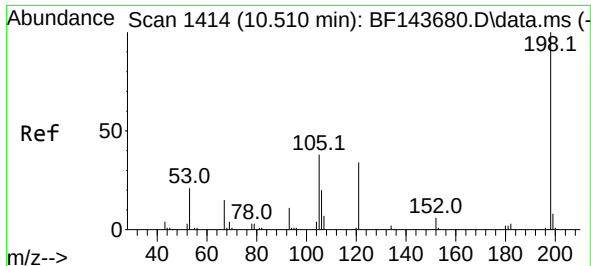
Supervised By :Jagrut
Upadhyay
09/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

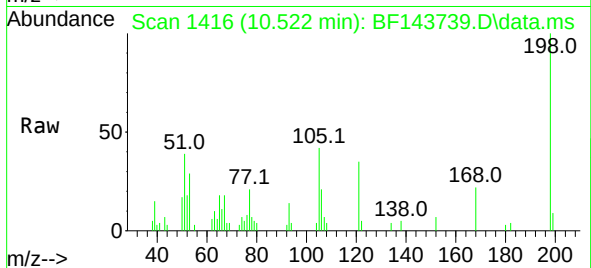
Tgt Ion:188 Resp: 78890
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.8 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 18.578 ng
RT: 10.522 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

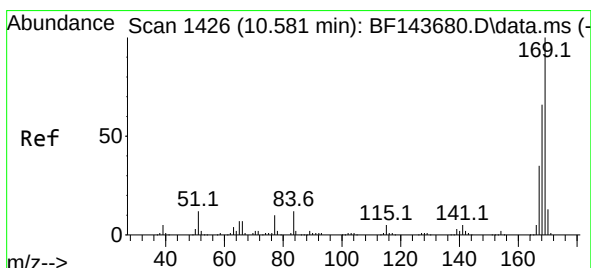
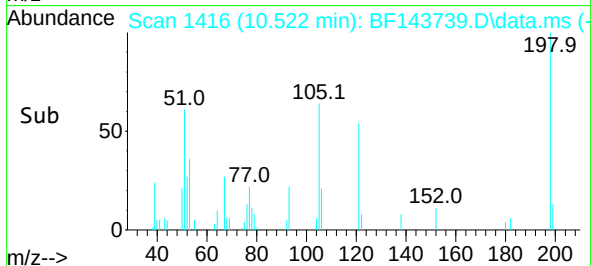
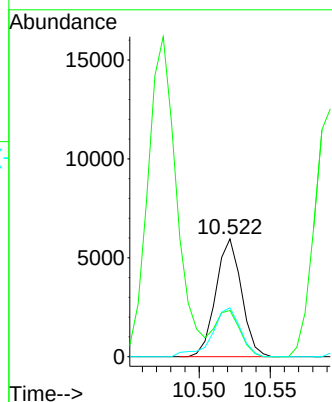


Tgt Ion:198 Resp: 7462
Ion Ratio Lower Upper
198 100
51 39.3 21.2 61.2
105 41.6 19.0 59.0

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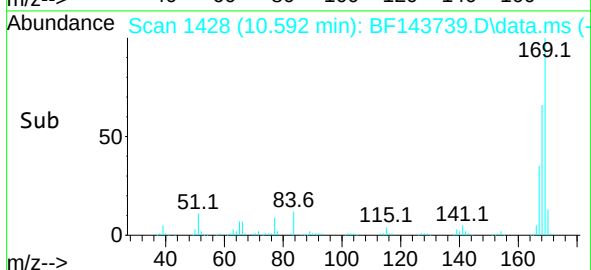
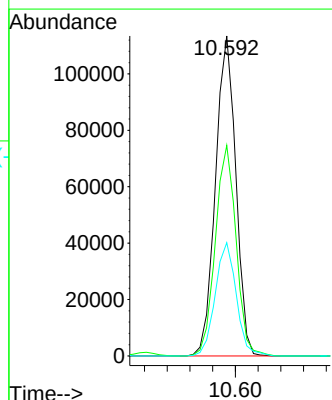
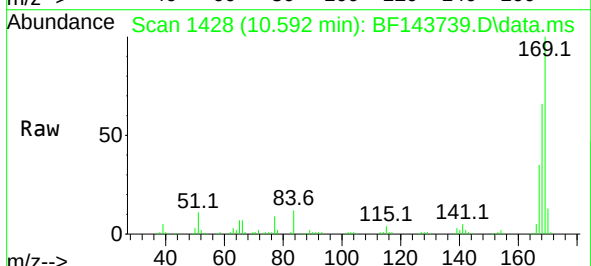
Reviewed By :Rahul
Chavli
09/15/2025

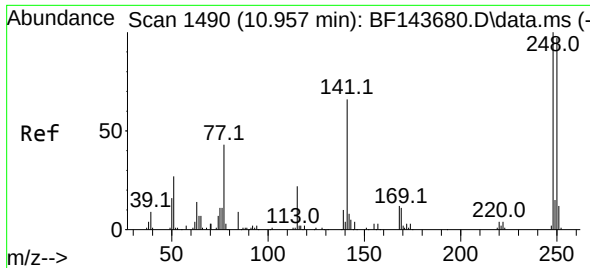
Supervised By :Jagrut
Upadhyay
09/15/2025



#66
n-Nitrosodiphenylamine
Concen: 54.560 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

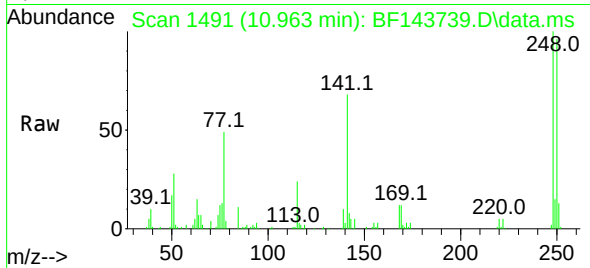
Tgt Ion:169 Resp: 141008
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 35.4 28.1 42.1





#67
4-Bromophenyl-phenylether
Concen: 52.416 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



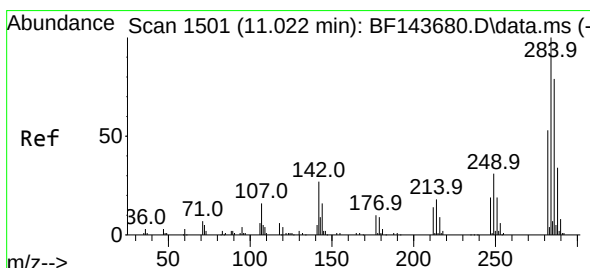
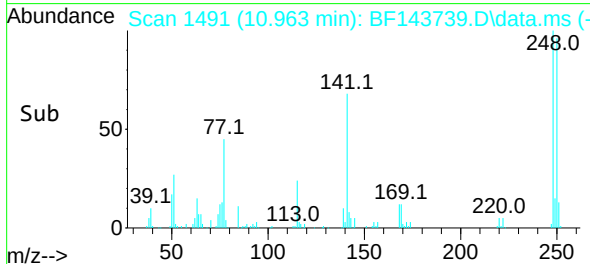
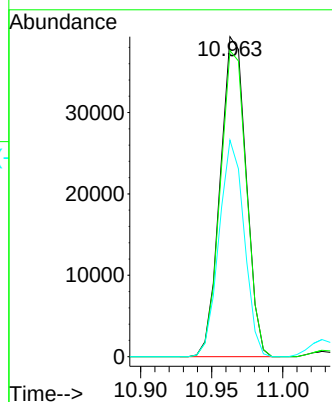
Tgt Ion:248 Resp: 4986
Ion Ratio Lower Upper
248 100
250 95.7 77.5 116.3
141 67.7 52.6 79.0

Manual Integrations
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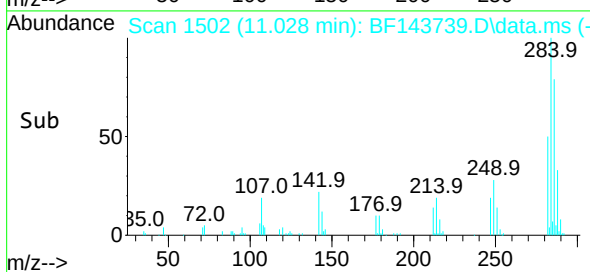
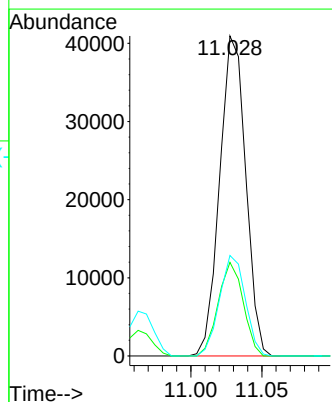
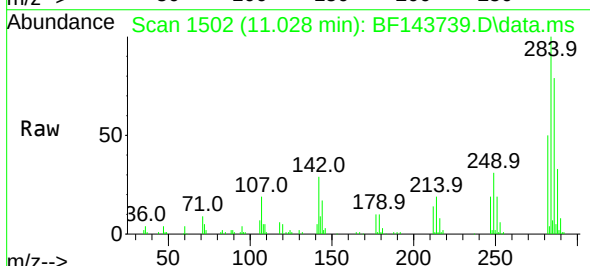
09/15/2025

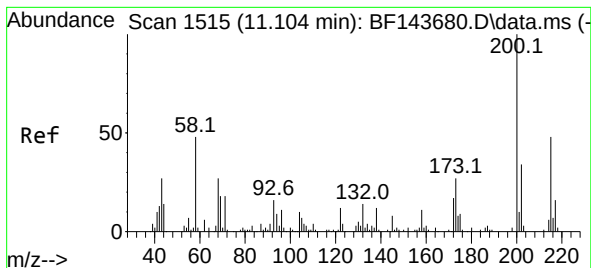
Supervised By :Jagrut
Upadhyay
09/15/2025



#68
Hexachlorobenzene
Concen: 51.922 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Tgt Ion:284 Resp: 52157
Ion Ratio Lower Upper
284 100
142 29.2 21.3 31.9
249 31.4 25.0 37.4





#69

Atrazine

Concen: 55.958 ng

RT: 11.116 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF143739.D

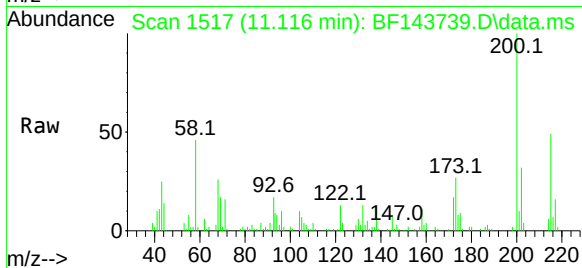
Acq: 12 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMS



Tgt Ion:200	Resp:	4534
Ion Ratio	Lower	Upper
200	100	
173	27.4	7.3 47.3
215	48.7	28.5 68.5

Manual Integrations

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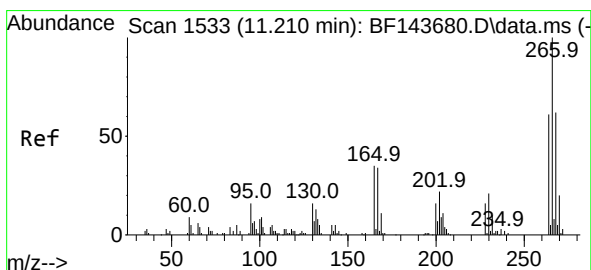
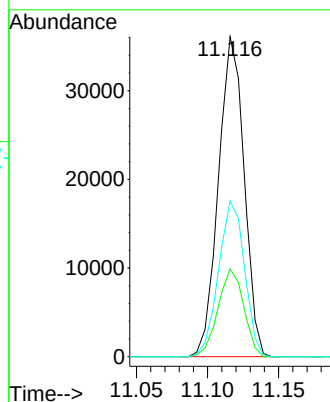
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#70

Pentachlorophenol

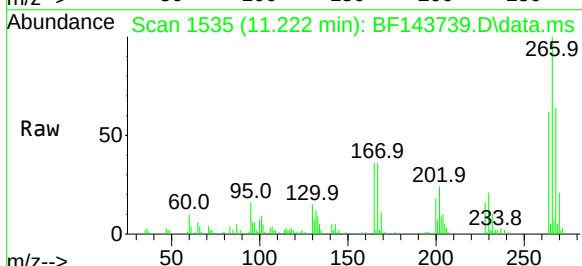
Concen: 72.990 ng

RT: 11.222 min Scan# 1535

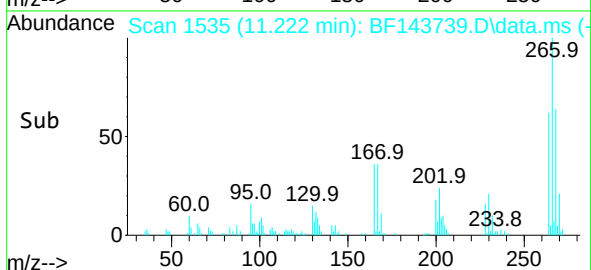
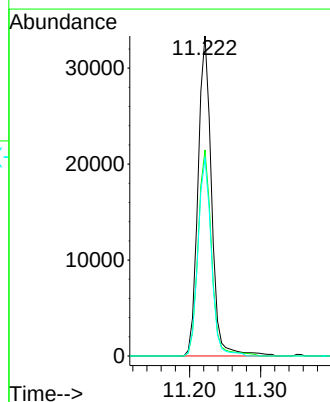
Delta R.T. 0.012 min

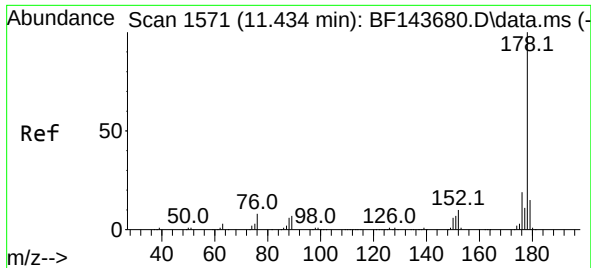
Lab File: BF143739.D

Acq: 12 Sep 2025 18:08



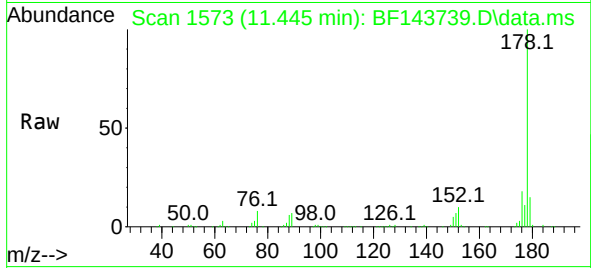
Tgt Ion:266	Resp:	44322
Ion Ratio	Lower	Upper
266	100	
268	64.4	49.2 73.8
264	61.7	48.6 73.0





#71
Phenanthrene
Concen: 52.393 ng
RT: 11.445 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



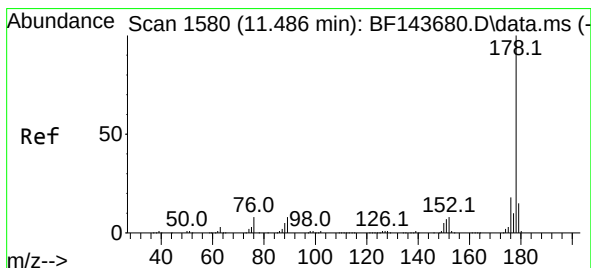
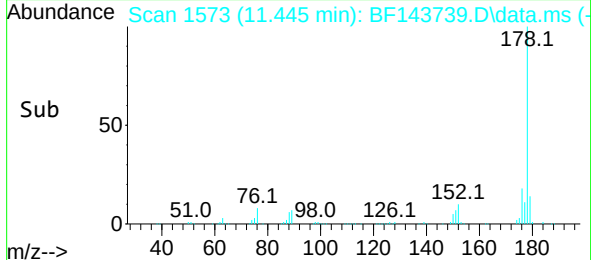
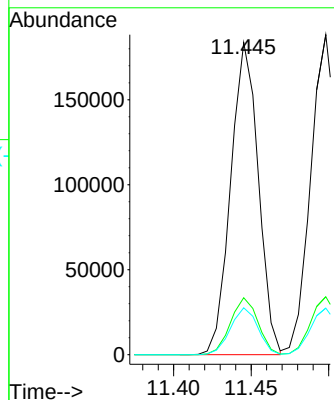
Tgt Ion:178 Resp: 22773
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.0 12.2 18.2

Manual Integrations
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Chavli

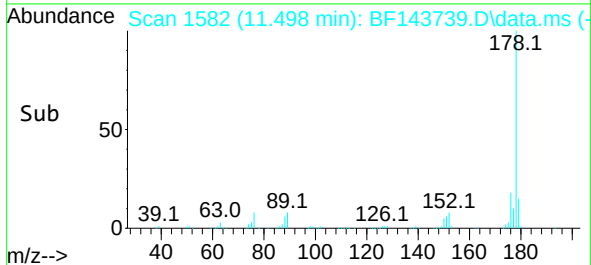
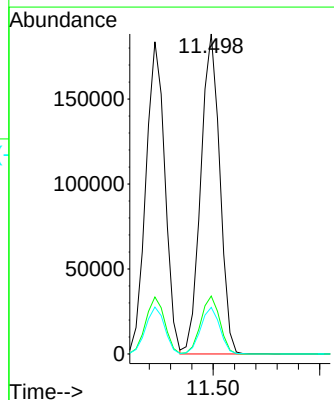
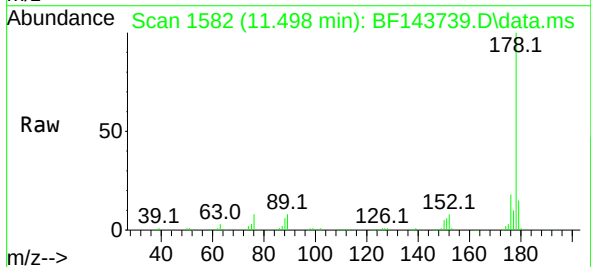
09/15/2025

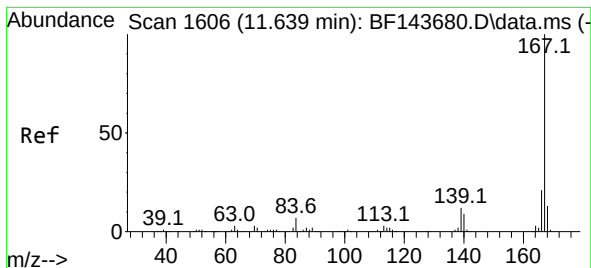
Supervised By :Jagrut
Upadhyay
09/15/2025



#72
Anthracene
Concen: 53.538 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Tgt Ion:178 Resp: 233995
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 14.6 12.2 18.2





#73

Carbazole

Concen: 56.879 ng

RT: 11.651 min Scan# 1608

Delta R.T. 0.012 min

Lab File: BF143739.D

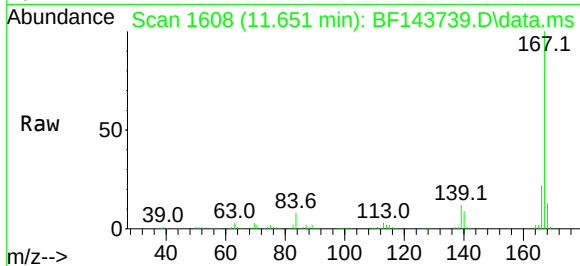
Acq: 12 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMS



Tgt Ion:167 Resp: 20359

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.4

139 11.7 9.7 14.5

Manual Integrations

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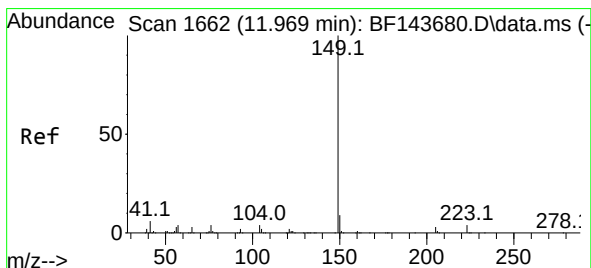
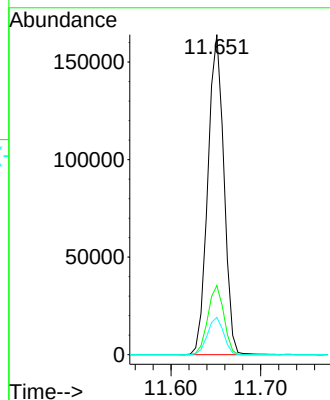
Chavli

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#74

Di-n-butylphthalate

Concen: 58.497 ng

RT: 11.980 min Scan# 1664

Delta R.T. 0.012 min

Lab File: BF143739.D

Acq: 12 Sep 2025 18:08

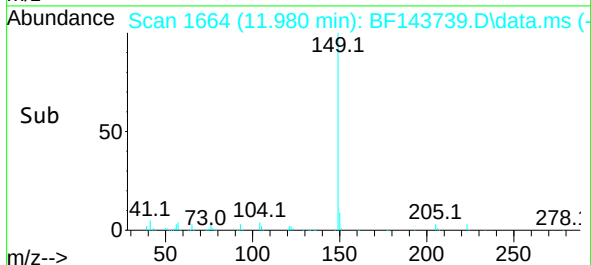
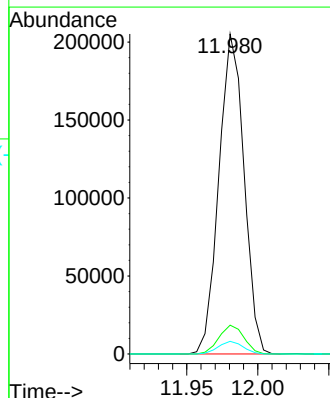
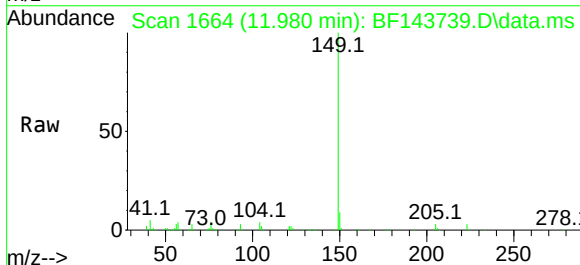
Tgt Ion:149 Resp: 252086

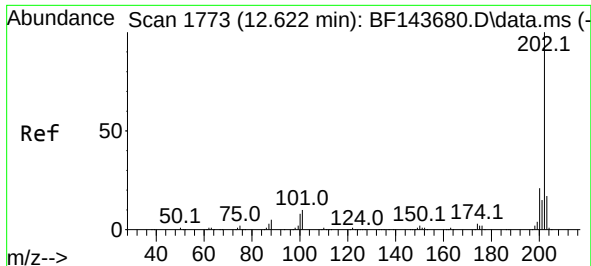
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

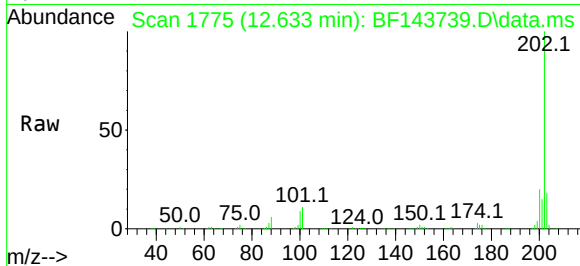
104 3.9 3.3 4.9





#75
Fluoranthene
Concen: 58.536 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



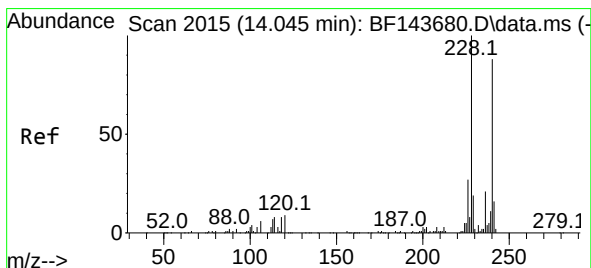
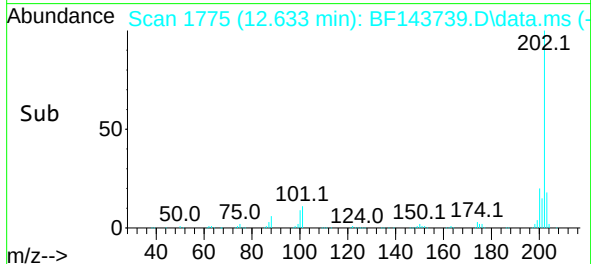
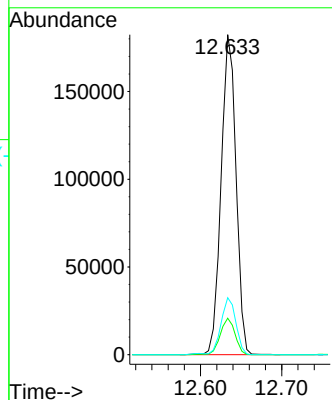
Tgt Ion:202 Resp: 233578
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.5
203 17.8 0.0 37.1

Manual Integrations
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Chavli

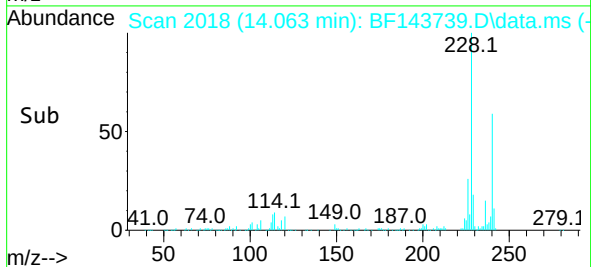
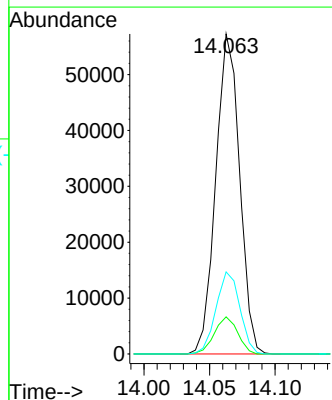
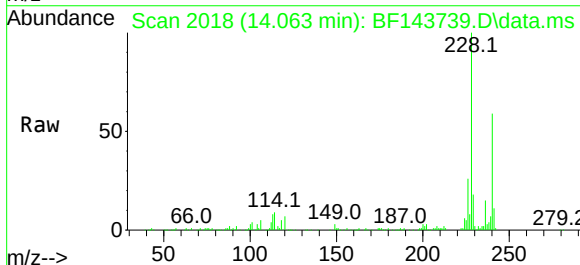
09/15/2025

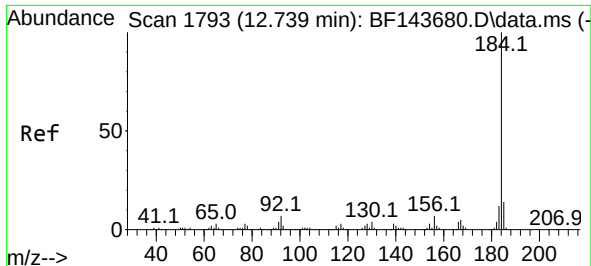
Supervised By :Jagrut
Upadhyay
09/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

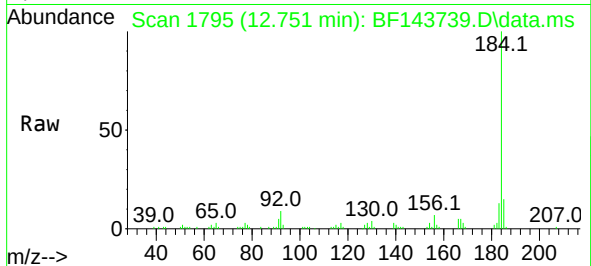
Tgt Ion:240 Resp: 72216
Ion Ratio Lower Upper
240 100
120 11.6 8.4 12.6
236 25.6 18.6 28.0





#77
Benzidine
Concen: 18.476 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

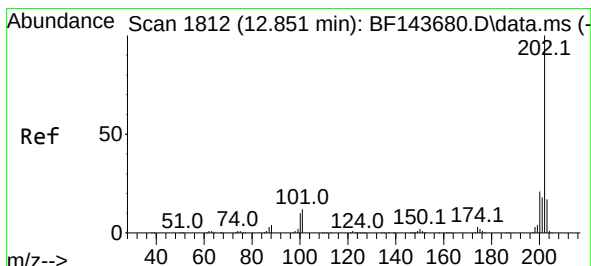
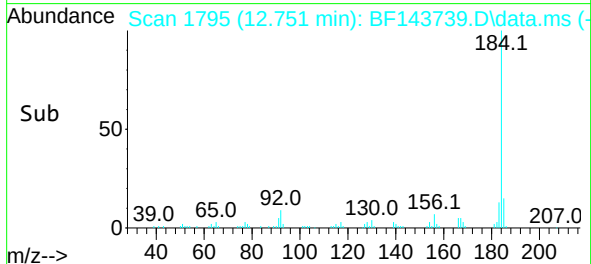
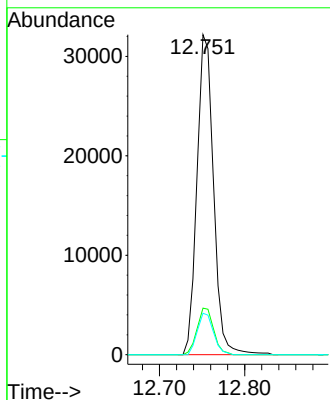


Tgt Ion:184 Resp: 43510
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 12.9 9.4 14.2

Manual Integrations
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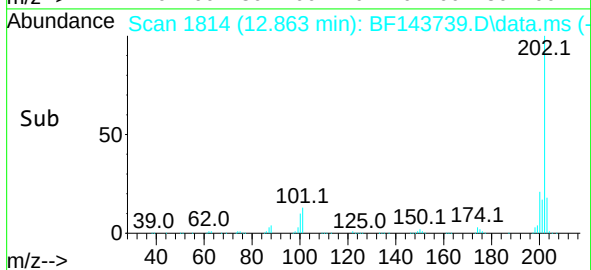
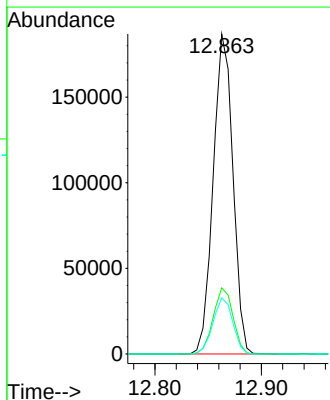
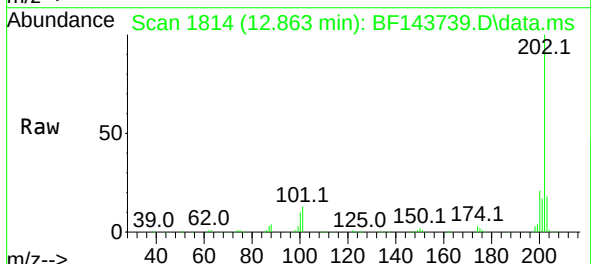
Reviewed By :Rahul
Chavli
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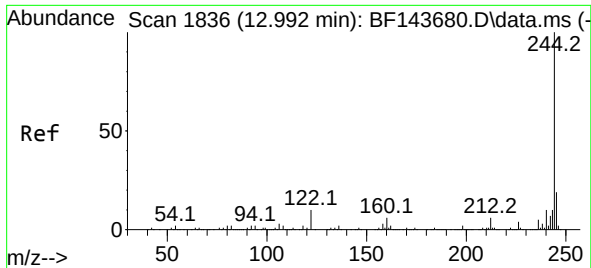
Supervised By :Jagrut
Upadhyay
09/15/2025



#78
Pyrene
Concen: 41.503 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.012 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

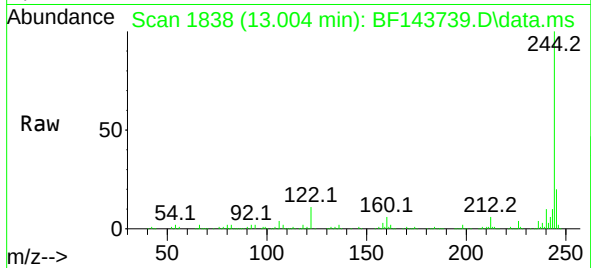
Tgt Ion:202 Resp: 239640
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.5 13.5 20.3





#79
 Terphenyl-d14
 Concen: 57.514 ng
 RT: 13.004 min Scan# 1836
 Delta R.T. 0.012 min
 Lab File: BF143739.D
 Acq: 12 Sep 2025 18:08

Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMPMS



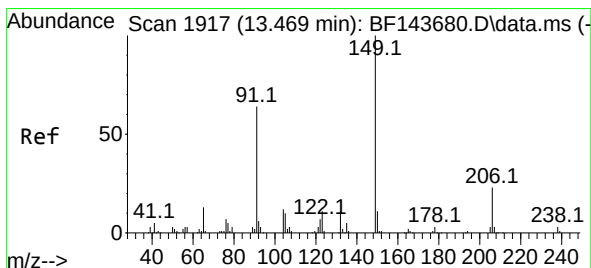
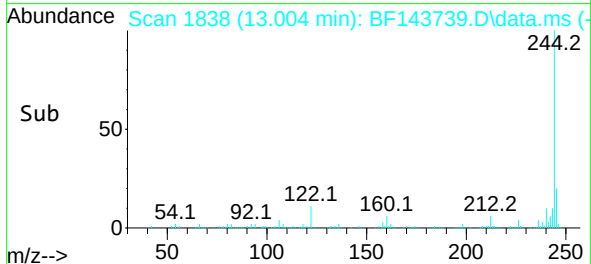
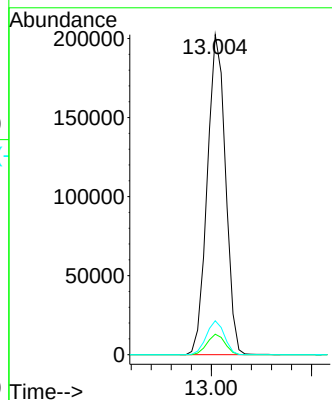
Tgt Ion:244 Resp: 256304
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 10.6 7.9 11.9

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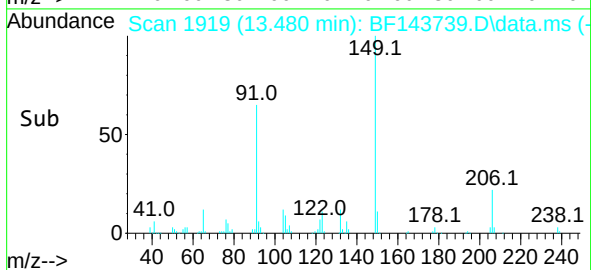
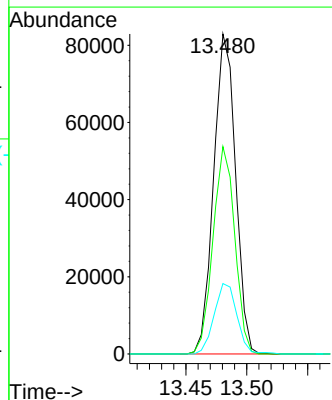
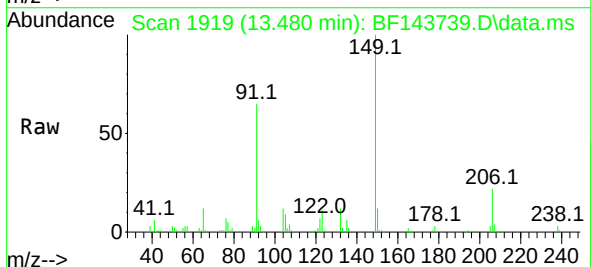
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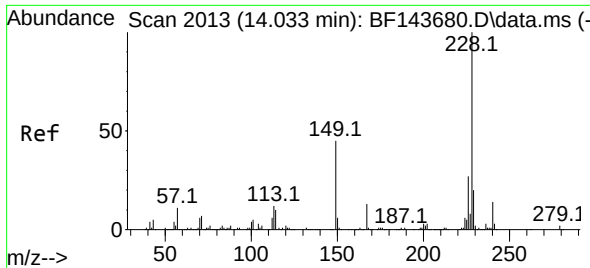
Supervised By :Jagrut
 Upadhyay
 09/15/2025



#80
 Butylbenzylphthalate
 Concen: 57.227 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.012 min
 Lab File: BF143739.D
 Acq: 12 Sep 2025 18:08

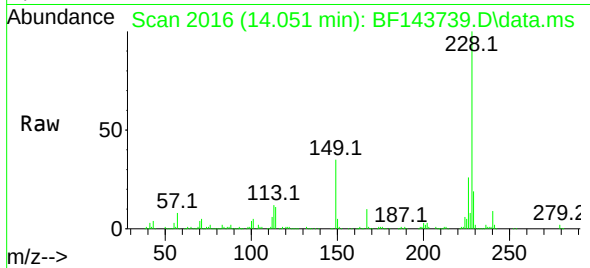
Tgt Ion:149 Resp: 103530
 Ion Ratio Lower Upper
 149 100
 91 64.8 50.9 76.3
 206 22.0 18.2 27.2





#81
Benzo(a)anthracene
Concen: 55.929 ng
RT: 14.051 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



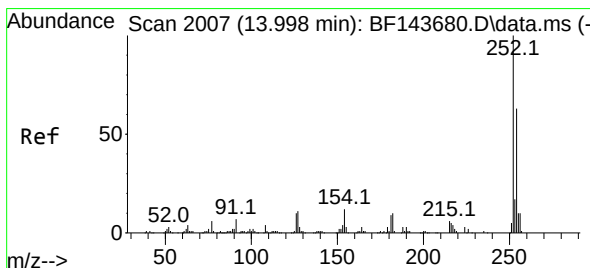
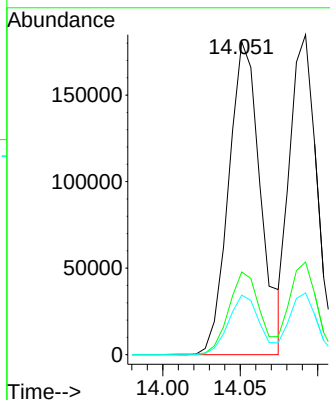
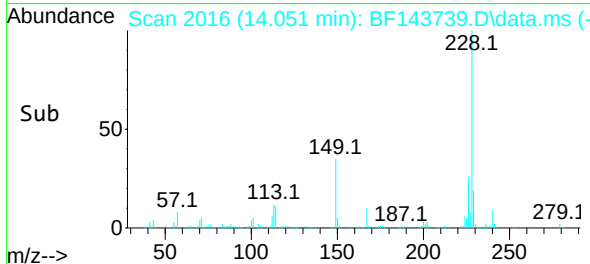
Tgt Ion:228 Resp: 25984
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 19.0 15.7 23.5

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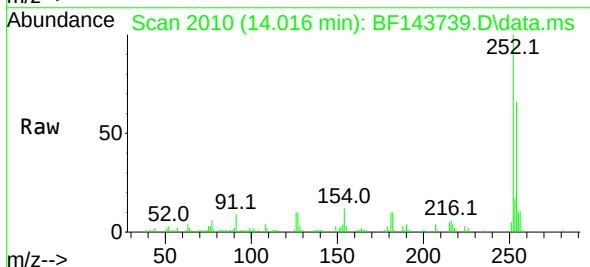
Reviewed By :Rahul
Chavli

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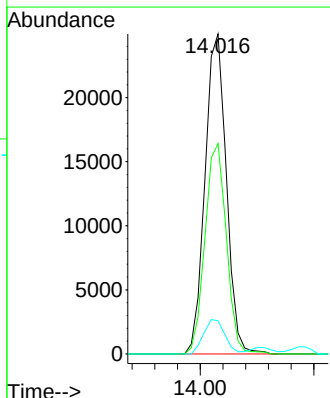
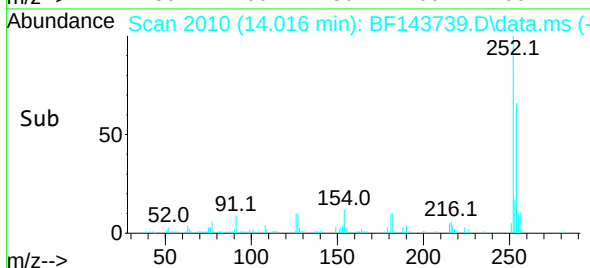
Supervised By :Jagrut
Upadhyay
09/15/2025

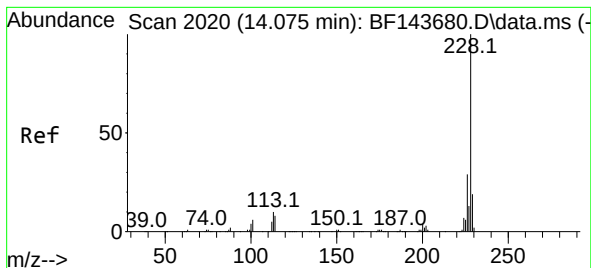


#82
3,3'-Dichlorobenzidine
Concen: 22.789 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08



Tgt Ion:252 Resp: 32573
Ion Ratio Lower Upper
252 100
254 65.7 50.5 75.7
126 10.4 8.2 12.4





#83

Chrysene

Concen: 51.999 ng

RT: 14.092 min Scan# 2020

Delta R.T. 0.018 min

Lab File: BF143739.D

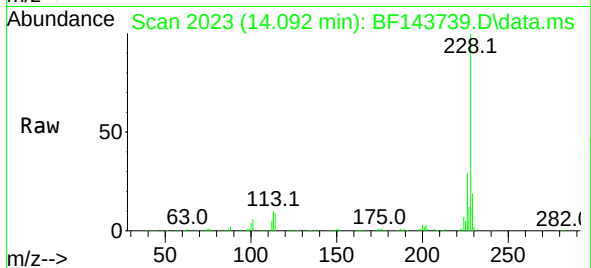
Acq: 12 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:228 Resp: 22126

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

229 19.3 15.1 22.7

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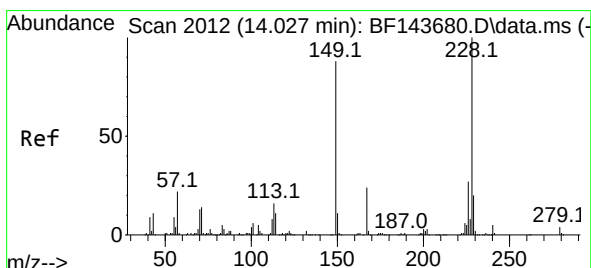
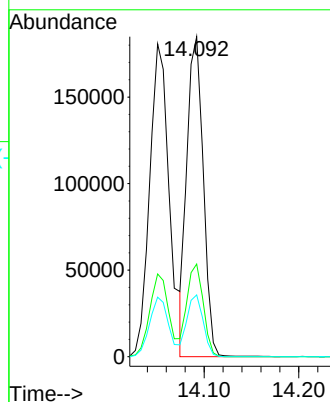
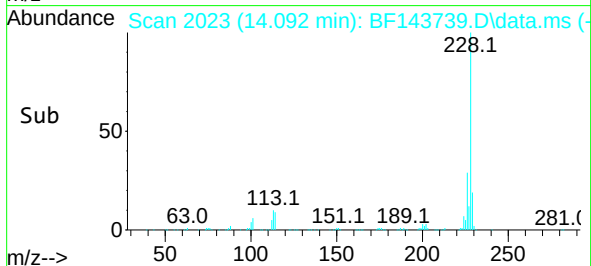
Chavli

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Upadhyay

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#84

Bis(2-ethylhexyl)phthalate

Concen: 58.618 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.012 min

Lab File: BF143739.D

Acq: 12 Sep 2025 18:08

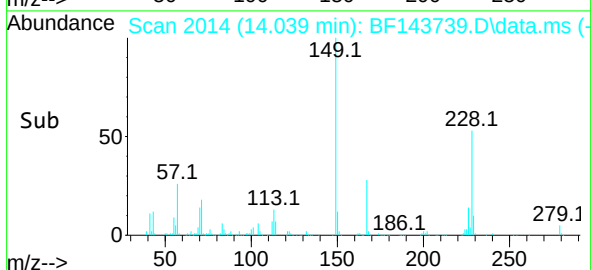
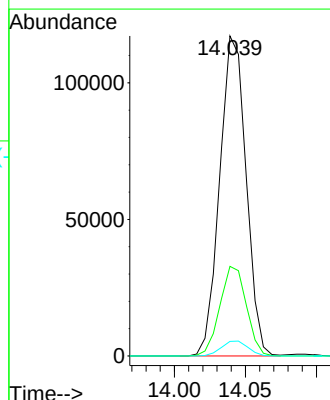
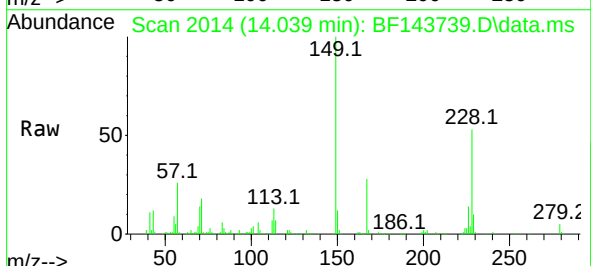
Tgt Ion:149 Resp: 151306

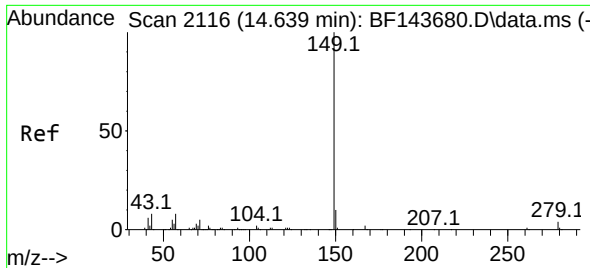
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

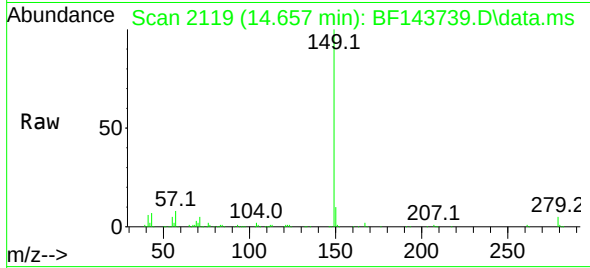
279 4.5 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 58.006 ng
RT: 14.657 min Scan# 2116
Delta R.T. 0.018 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS

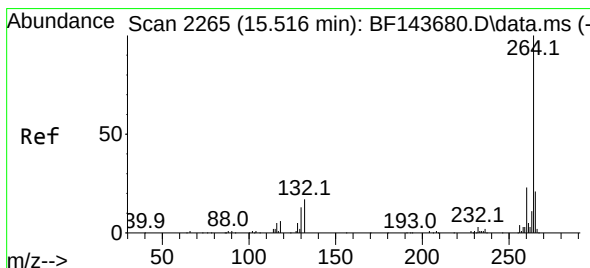
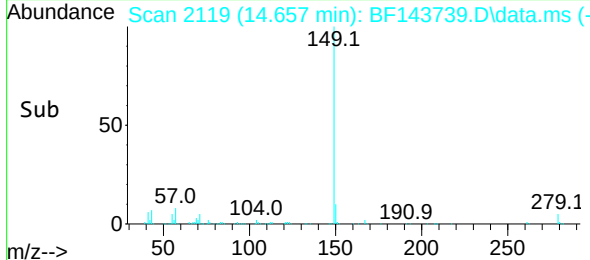
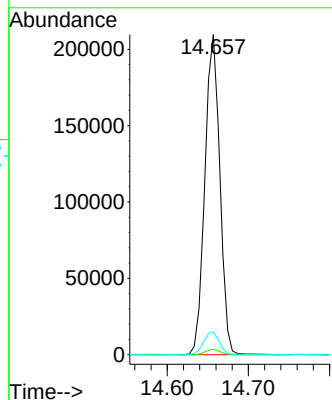


Tgt Ion:149 Resp: 268310
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.2 6.2 9.2

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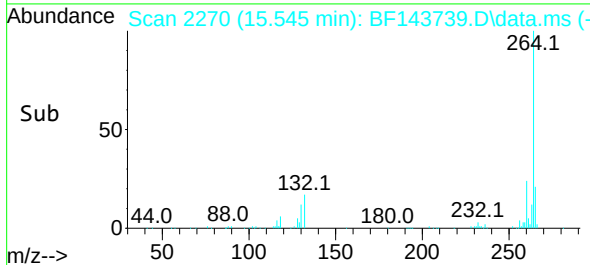
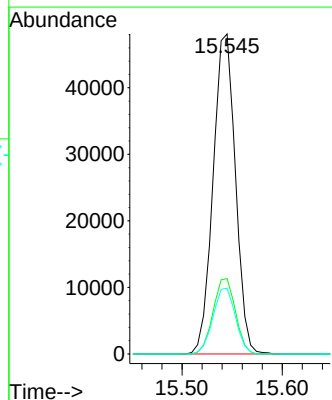
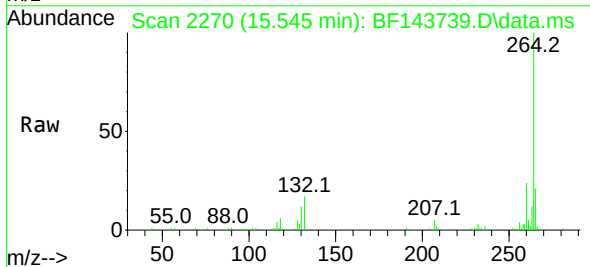
Reviewed By :Rahul
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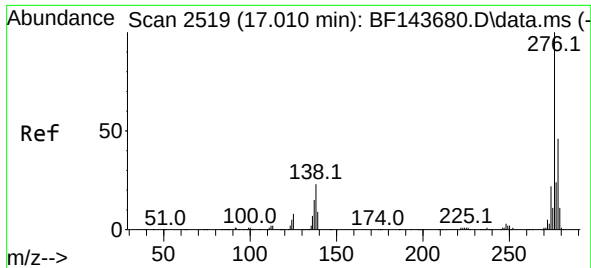
Supervised By :Jagrut
Upadhyay
09/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.029 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

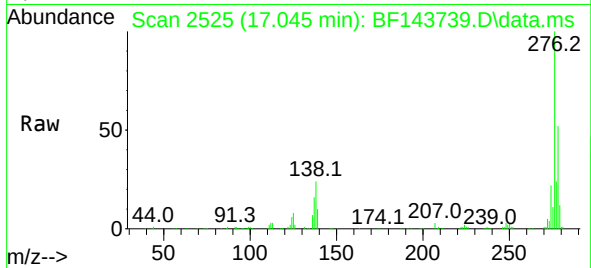
Tgt Ion:264 Resp: 74429
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 20.5 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.386 ng
RT: 17.045 min Scan# 2196
Delta R.T. 0.035 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



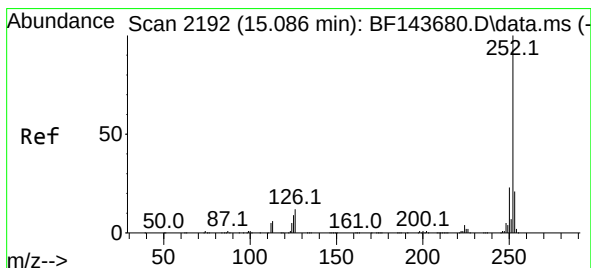
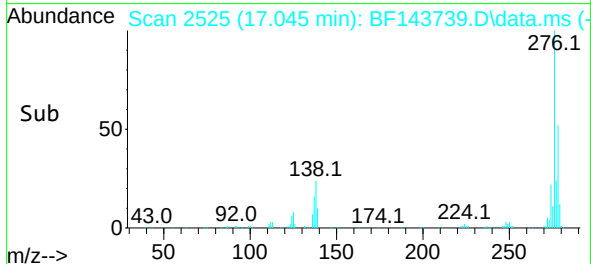
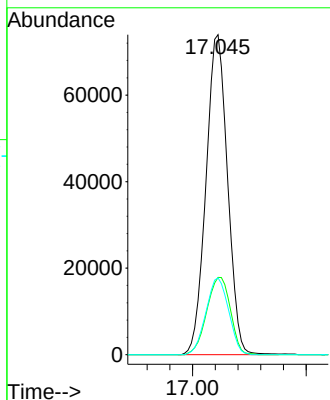
Tgt Ion:276 Resp: 194980
Ion Ratio Lower Upper
276 100
138 26.5 19.7 29.5
277 25.2 20.2 30.2

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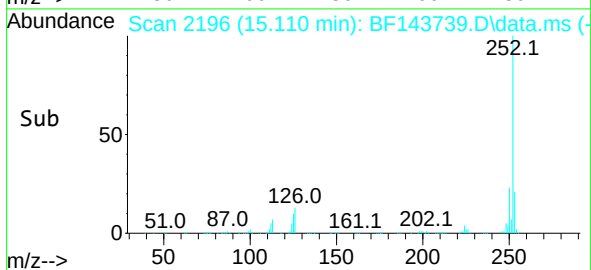
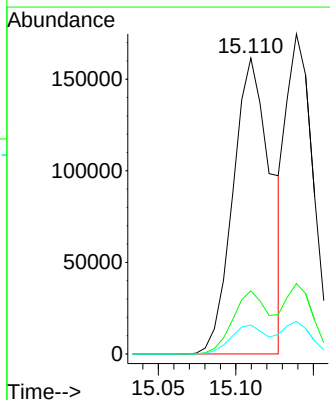
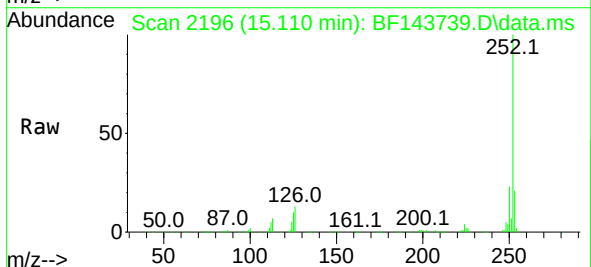
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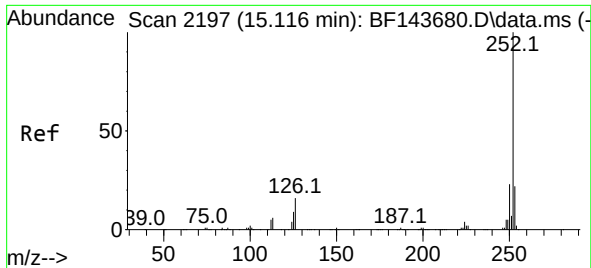
Supervised By :Jagrut
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#88
Benzo(b)fluoranthene
Concen: 61.929 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.023 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

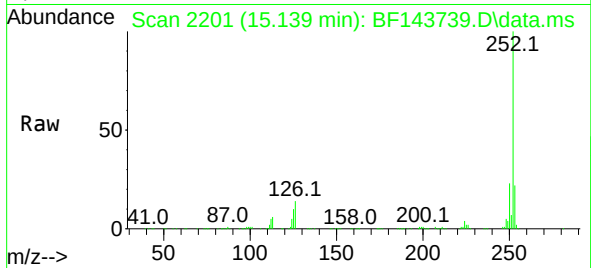
Tgt Ion:252 Resp: 274384
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.4
125 9.8 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 52.061 ng
RT: 15.139 min Scan# 2197
Delta R.T. 0.023 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



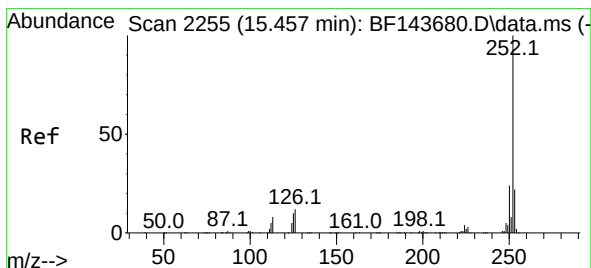
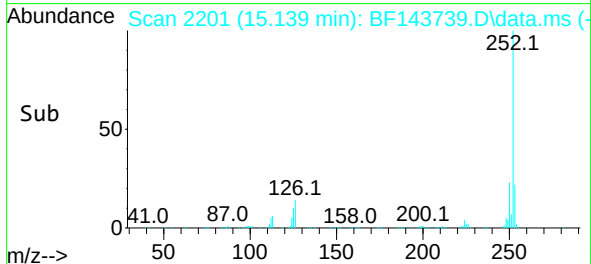
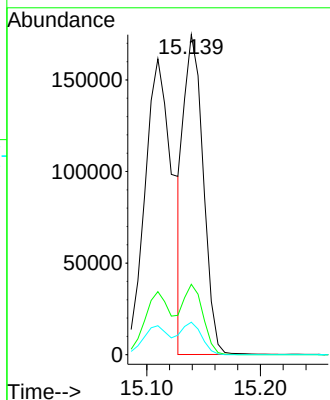
Tgt Ion:252 Resp: 20817
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.1 7.3 10.9

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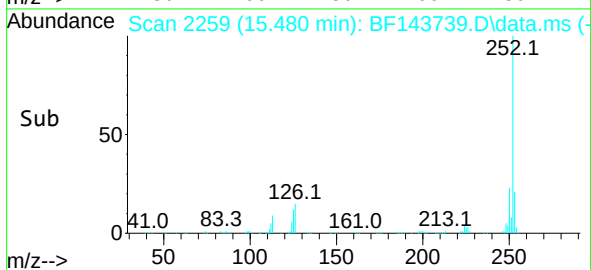
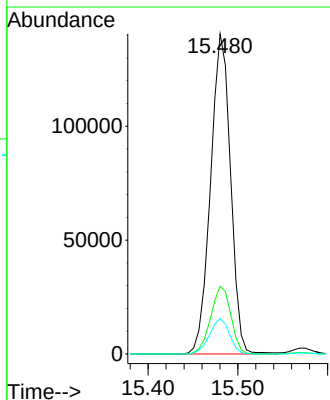
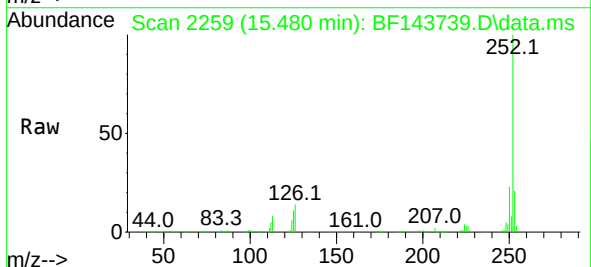
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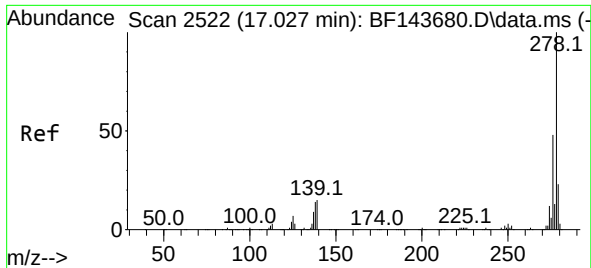
Supervised By :Jagrut
Upadhyay
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#90
Benzo(a)pyrene
Concen: 55.779 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.023 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

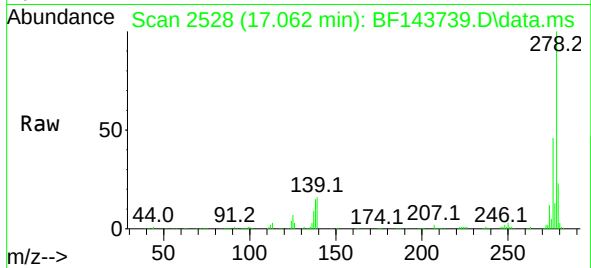
Tgt Ion:252 Resp: 217117
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 11.1 8.2 12.4





#91
Dibenzo(a,h)anthracene
Concen: 39.329 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMS



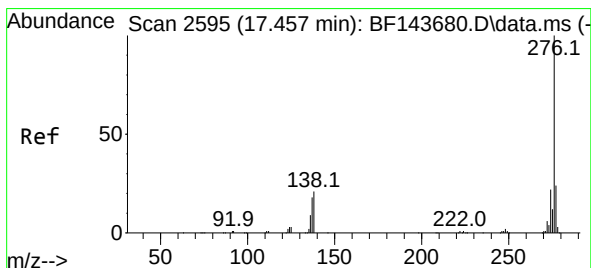
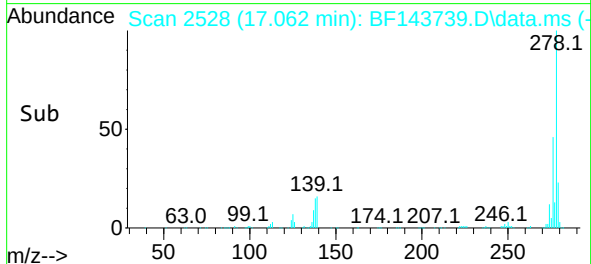
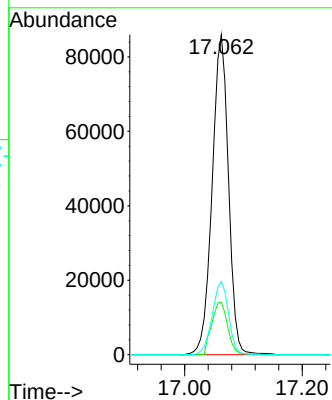
Tgt Ion:278 Resp: 165749
Ion Ratio Lower Upper
278 100
139 16.4 12.2 18.4
279 22.8 18.7 28.1

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#92
Benzo(g,h,i)perylene
Concen: 36.184 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.041 min
Lab File: BF143739.D
Acq: 12 Sep 2025 18:08

Tgt Ion:276 Resp: 142639
Ion Ratio Lower Upper
276 100
277 24.5 19.2 28.8
138 21.9 17.0 25.4

