

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141155.D
 Acq On : 14 Jan 2025 19:30
 Operator : RC/JU
 Sample : Q1074-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HACKENSACK-DGAMS

Quant Time: Jan 15 00:13:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	149157	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	589764	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	314174	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	517353	20.000	ng	0.00
76) Chrysene-d12	13.986	240	318547	20.000	ng	0.00
86) Perylene-d12	15.451	264	339877	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	919166	95.197	ng	0.01
7) Phenol-d6	6.446	99	1160605	94.893	ng	0.00
23) Nitrobenzene-d5	7.381	82	747053	67.146	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	379541	106.023	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1329576	64.624	ng	0.00
79) Terphenyl-d14	12.927	244	1275051	59.492	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	188244	43.781	ng	100
3) Pyridine	3.381	79	462554	43.869	ng	98
4) n-Nitrosodimethylamine	3.334	42	257594	49.965	ng	98
6) Aniline	6.481	93	313171	28.840	ng	96
8) 2-Chlorophenol	6.604	128	547681	52.870	ng	97
9) Benzaldehyde	6.369	77	67588	9.383	ng	96
10) Phenol	6.463	94	651141	49.734	ng	98
11) bis(2-Chloroethyl)ether	6.557	93	494630	50.694	ng	97
12) 1,3-Dichlorobenzene	6.763	146	565663	48.960	ng	99
13) 1,4-Dichlorobenzene	6.840	146	567827	48.771	ng	99
14) 1,2-Dichlorobenzene	6.987	146	548361	50.493	ng	98
15) Benzyl Alcohol	6.963	79	477951	54.112	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	681551	50.057	ng	95
17) 2-Methylphenol	7.075	107	439249	52.521	ng	98
18) Hexachloroethane	7.334	117	213682	50.752	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	367688	51.035	ng	99
20) 3+4-Methylphenols	7.222	107	531530	50.376	ng	# 90
22) Acetophenone	7.228	105	706240	50.373	ng	# 94
24) Nitrobenzene	7.404	77	566792	48.880	ng	99
25) Isophorone	7.645	82	1007494	52.988	ng	98
26) 2-Nitrophenol	7.716	139	289536	54.892	ng	96
27) 2,4-Dimethylphenol	7.757	122	444057	62.414	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	616626	51.676	ng	100
29) 2,4-Dichlorophenol	7.957	162	450458	53.309	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	472430	48.913	ng	98
31) Naphthalene	8.128	128	1551955	49.899	ng	100
32) Benzoic acid	7.881	122	371262	54.398	ng	98
33) 4-Chloroaniline	8.169	127	148650	13.820	ng	100
34) Hexachlorobutadiene	8.240	225	299921	51.534	ng	99
35) Caprolactam	8.545	113	133452m	48.240	ng	
36) 4-Chloro-3-methylphenol	8.657	107	499316	54.031	ng	98
37) 2-Methylnaphthalene	8.816	142	1029781	51.959	ng	100
38) 1-Methylnaphthalene	8.916	142	959745	49.136	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	469672	52.085	ng	98
41) Hexachlorocyclopentadiene	8.969	237	505876	171.472	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	342619	56.336	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	324139	50.465	ng	99
46) 1,1'-Biphenyl	9.281	154	1257968	51.559	ng	99
47) 2-Chloronaphthalene	9.304	162	955471	50.279	ng	99
48) 2-Nitroaniline	9.398	65	301413	53.506	ng	98
49) Acenaphthylene	9.722	152	1471436	54.196	ng	100
50) Dimethylphthalate	9.587	163	1151444	54.592	ng	100
51) 2,6-Dinitrotoluene	9.645	165	255418	52.075	ng	97
52) Acenaphthene	9.892	154	1083026	57.096	ng	100
53) 3-Nitroaniline	9.810	138	142051	28.500	ng	100
54) 2,4-Dinitrophenol	9.916	184	242406	103.977	ng	93
55) Dibenzofuran	10.069	168	1338688	51.885	ng	99
56) 4-Nitrophenol	9.975	139	413821	106.012	ng	96
57) 2,4-Dinitrotoluene	10.045	165	343993	54.421	ng	97
58) Fluorene	10.410	166	1039986	51.883	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	290101	54.337	ng	98
60) Diethylphthalate	10.286	149	1117805	54.286	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	512543	52.463	ng	99
62) 4-Nitroaniline	10.428	138	229456	47.035	ng	95
63) Azobenzene	10.563	77	1127723	55.505	ng	98
65) 4,6-Dinitro-2-methylph...	10.451	198	172096	57.405	ng	99
66) n-Nitrosodiphenylamine	10.522	169	918082	55.018	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	336484	56.492	ng	99
68) Hexachlorobenzene	10.957	284	366593	55.289	ng	98
69) Atrazine	11.051	200	312767	69.611	ng	100
70) Pentachlorophenol	11.151	266	447040	105.281	ng	98
71) Phenanthrene	11.369	178	1532033	55.159	ng	100
72) Anthracene	11.422	178	1522421	56.371	ng	100
73) Carbazole	11.575	167	1287360	51.986	ng	100
74) Di-n-butylphthalate	11.910	149	1636720	57.753	ng	100
75) Fluoranthene	12.557	202	1459523	52.658	ng	98
77) Benzidine	12.680	184	371547	62.897	ng	99
78) Pyrene	12.786	202	1471050	48.349	ng	100
80) Butylbenzylphthalate	13.410	149	567947	55.988	ng	100
81) Benzo(a)anthracene	13.974	228	1184166	54.623	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	286811	41.549	ng	99
83) Chrysene	14.016	228	1029725	50.763	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	728582	59.860	ng	99
85) Di-n-octyl phthalate	14.592	149	1208869	65.772	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1211686	48.661	ng	98
88) Benzo(b)fluoranthene	15.027	252	1252812	57.163	ng	100
89) Benzo(k)fluoranthene	15.057	252	941332	50.824	ng	100
90) Benzo(a)pyrene	15.392	252	1042377	57.647	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	963802	47.856	ng	98
92) Benzo(g,h,i)perylene	17.351	276	886683	42.327	ng	98

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

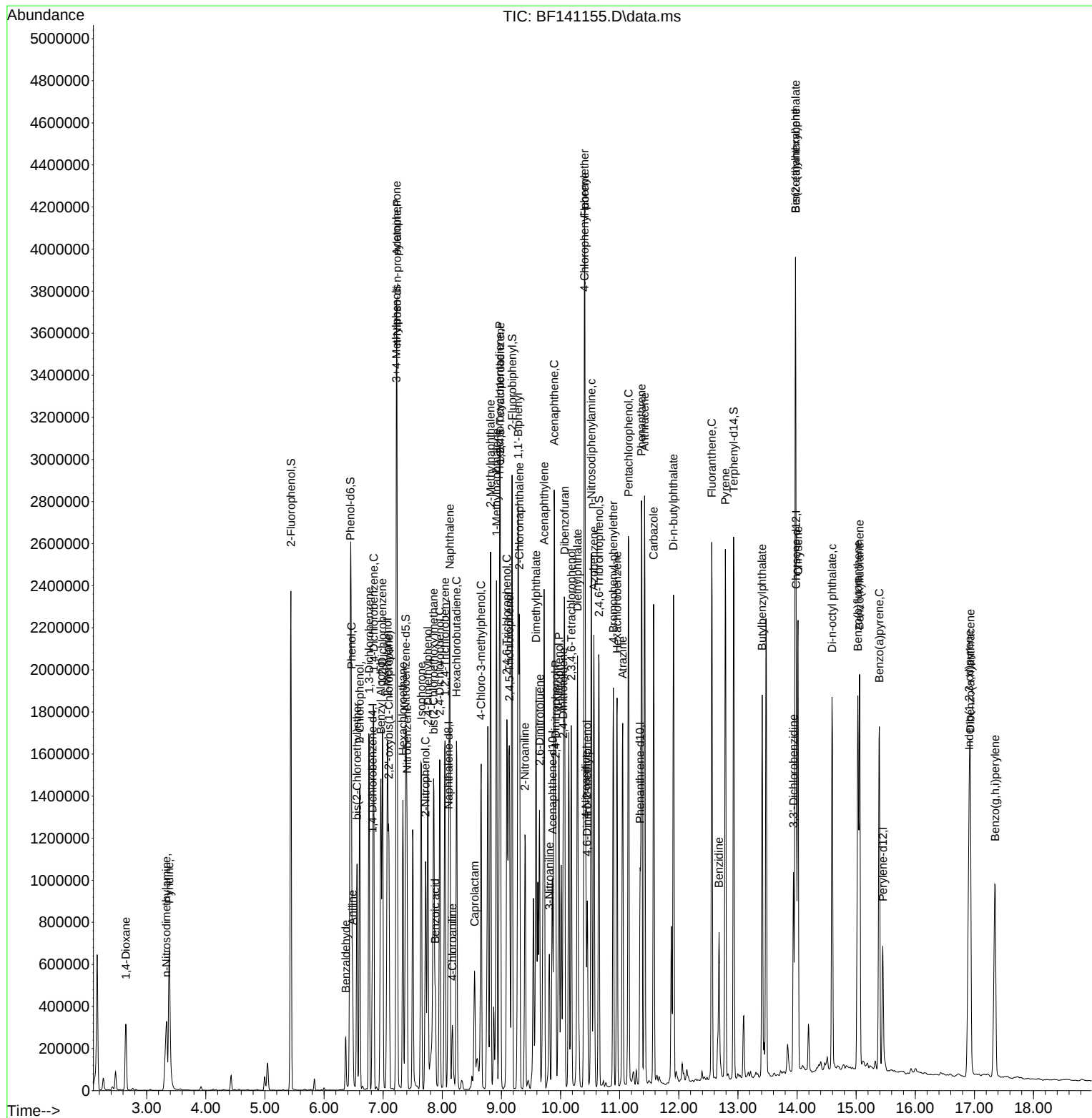
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
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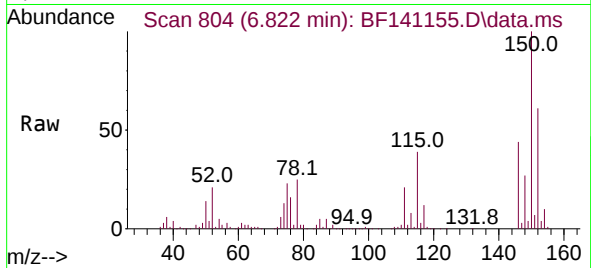
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141155.D
 Acq: 14 Jan 2025 19:30

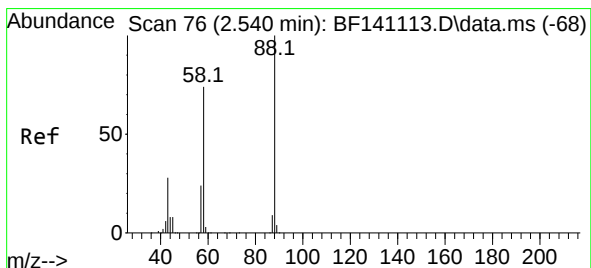
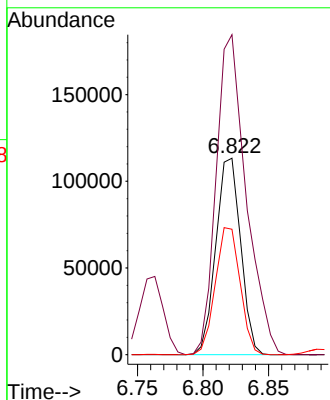
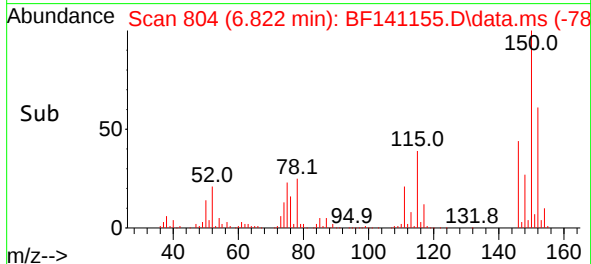
Instrument :
 BNA_F
 ClientSampleId :
 HACKENSACK-DGAMS



Tgt Ion:152 Resp: 14915
 Ion Ratio Lower Upper
 152 100
 150 162.9 125.8 188.8
 115 63.8 51.4 77.2

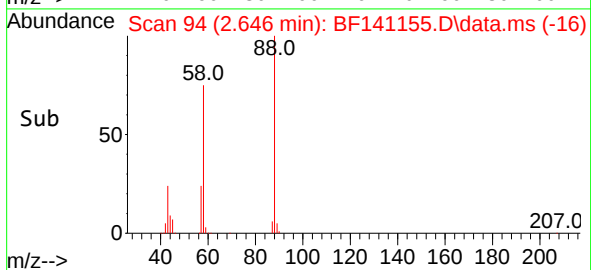
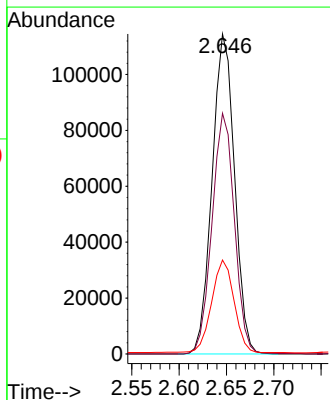
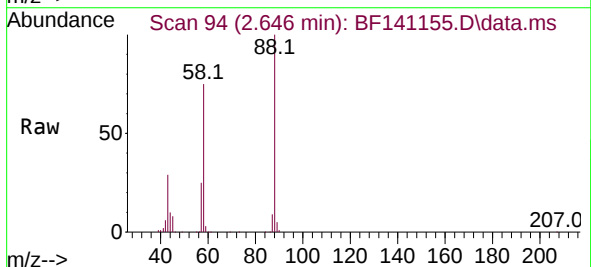
Manual Integrations
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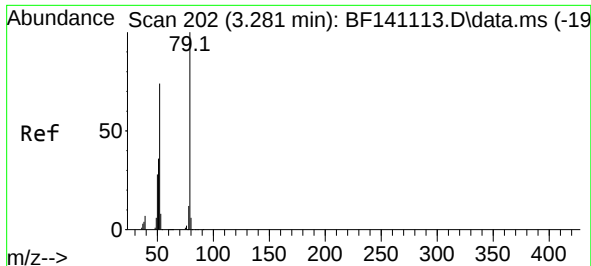
Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025



#2
 1,4-Dioxane
 Concen: 43.781 ng
 RT: 2.646 min Scan# 94
 Delta R.T. 0.106 min
 Lab File: BF141155.D
 Acq: 14 Jan 2025 19:30

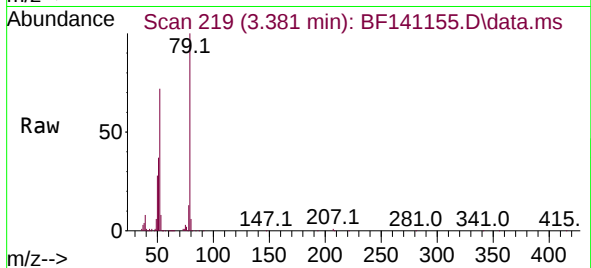
Tgt Ion: 88 Resp: 188244
 Ion Ratio Lower Upper
 88 100
 58 75.2 60.1 90.1
 43 29.5 23.1 34.7





#3
Pyridine
Concen: 43.869 ng
RT: 3.381 min Scan# 211
Delta R.T. 0.100 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

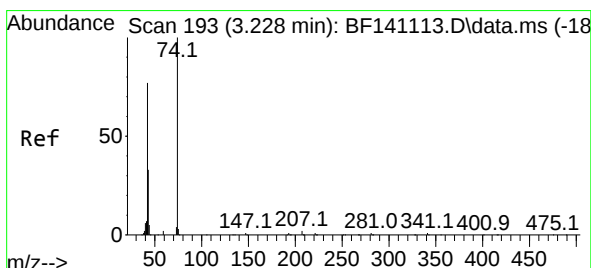
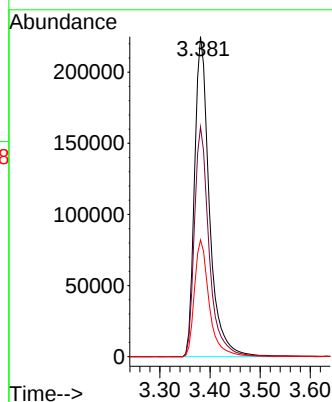
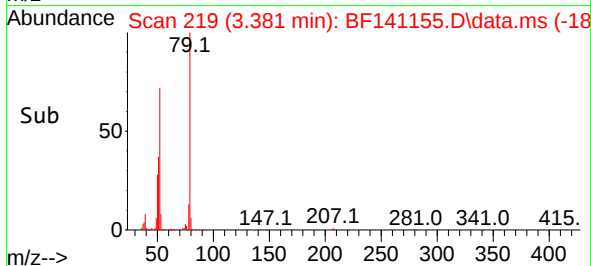
Instrument :
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ClientSampleId :
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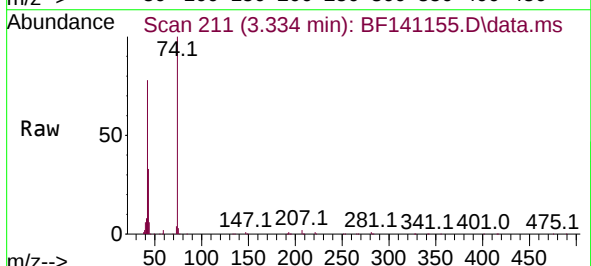
Tgt Ion: 79 Resp: 462554
Ion Ratio Lower Upper
79 100
52 71.8 58.9 88.3
51 36.5 29.1 43.7

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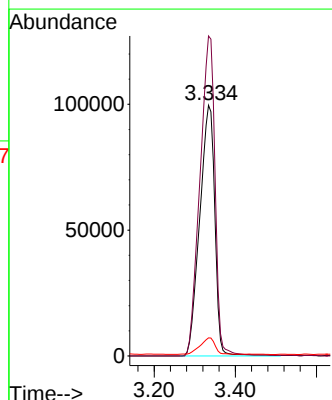
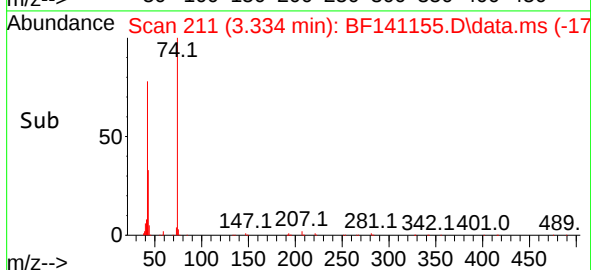
Reviewed By :Yogesh Patel 01/15/2025
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#4
n-Nitrosodimethylamine
Concen: 49.965 ng
RT: 3.334 min Scan# 211
Delta R.T. 0.106 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



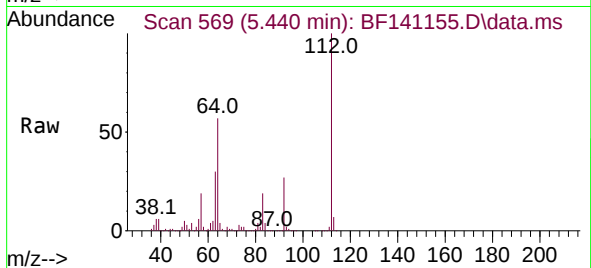
Tgt Ion: 42 Resp: 257594
Ion Ratio Lower Upper
42 100
74 127.6 103.8 155.6
44 7.2 5.3 7.9





#5
2-Fluorophenol
Concen: 95.197 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

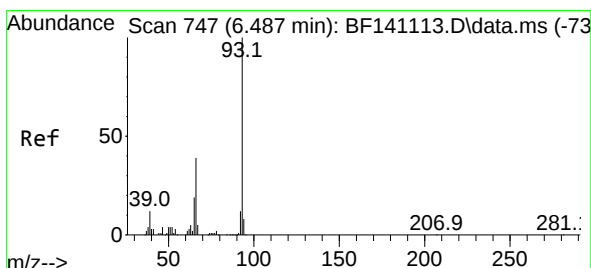
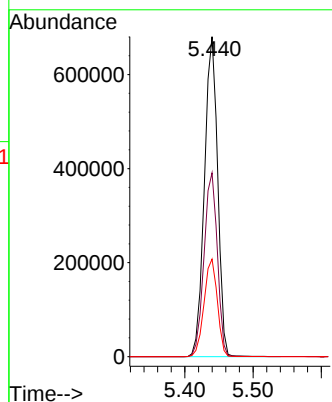
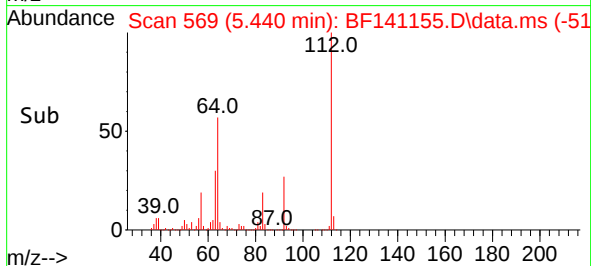
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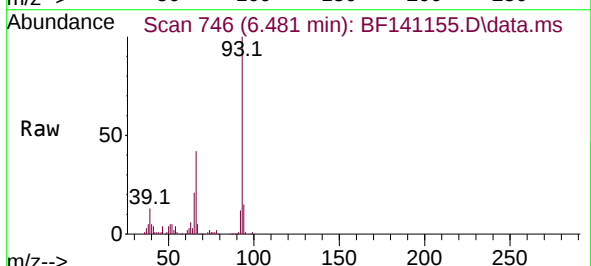
Tgt Ion: 112 Resp: 919160
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 30.5 24.2 36.2

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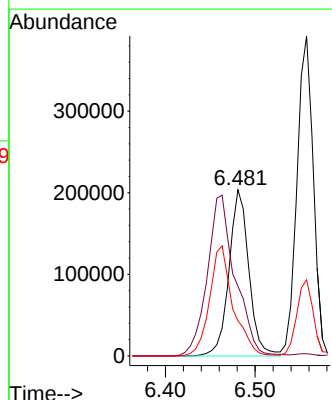
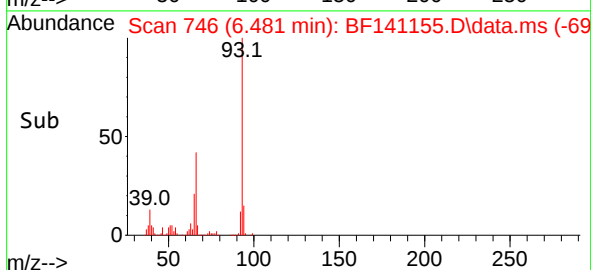
Reviewed By :Yogesh Patel 01/15/2025
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#6
Aniline
Concen: 28.840 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



Tgt Ion: 93 Resp: 313171
Ion Ratio Lower Upper
93 100
66 42.1 31.5 47.3
65 21.1 15.3 22.9





#7

Phenol-d6

Concen: 94.893 ng

RT: 6.446 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 116060

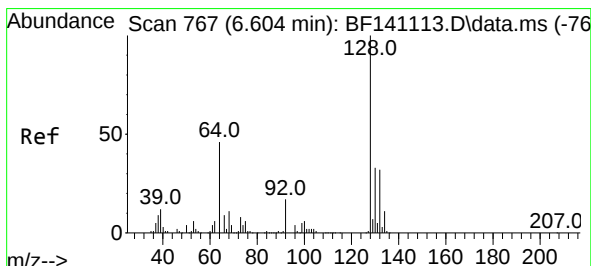
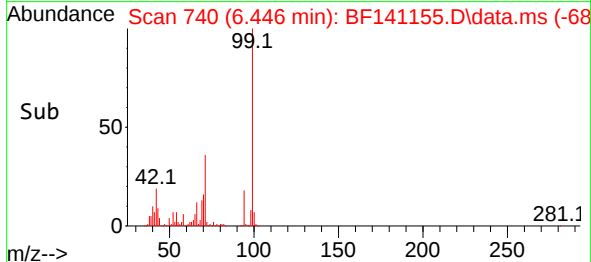
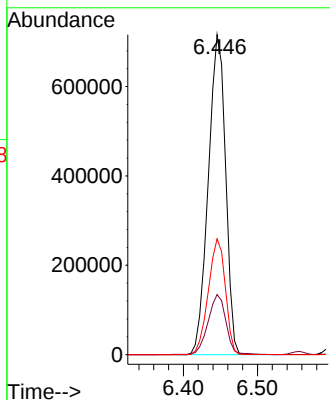
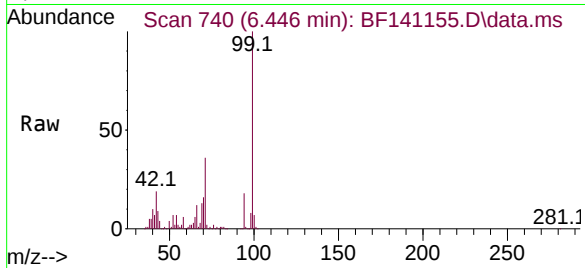
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	36.2	27.6	41.4

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#8

2-Chlorophenol

Concen: 52.870 ng

RT: 6.604 min Scan# 767

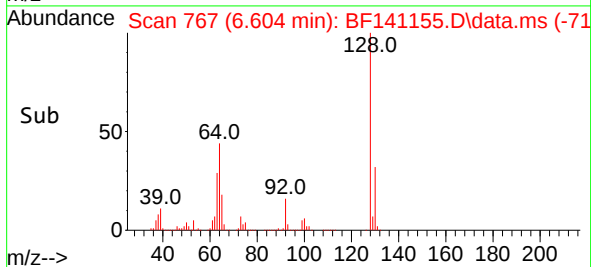
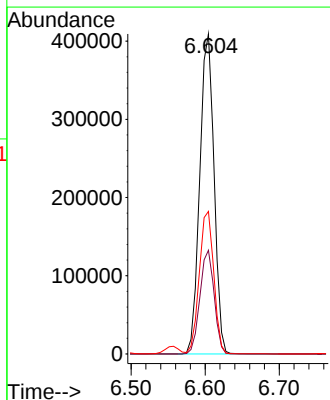
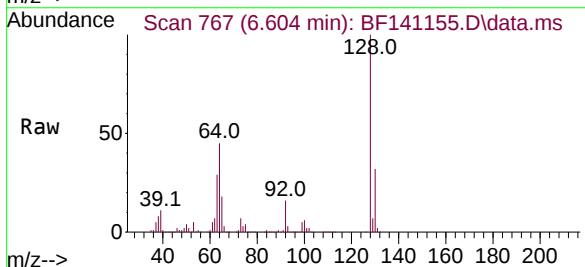
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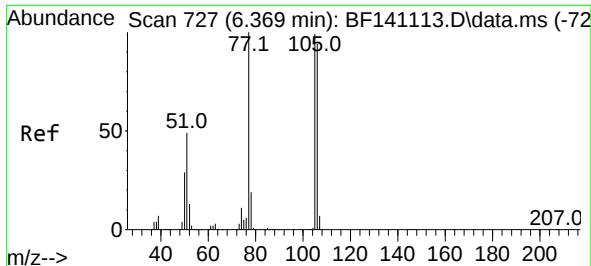
Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

Tgt Ion:128 Resp: 547681

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.5	52.5
64	44.5	28.3	68.3





#9

Benzaldehyde

Concen: 9.383 ng

RT: 6.369 min Scan# 727

Delta R.T. 0.000 min

Lab File: BF141155.D

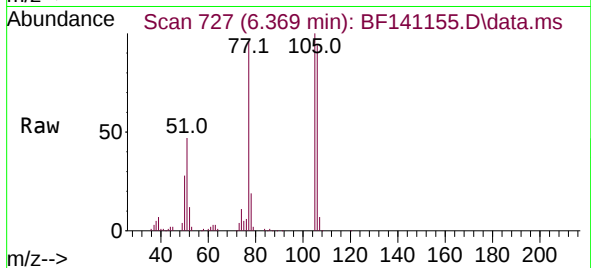
Acq: 14 Jan 2025 19:30

Instrument :

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ClientSampleId :

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Tgt Ion: 77 Resp: 6758

Ion Ratio Lower Upper

77 100

105 103.8 78.9 118.9

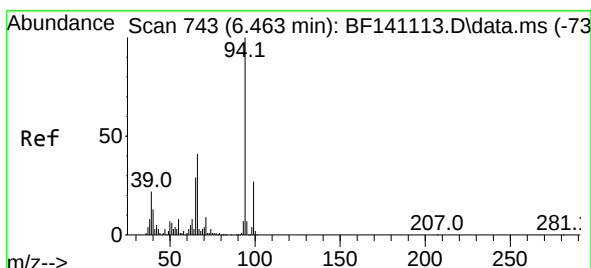
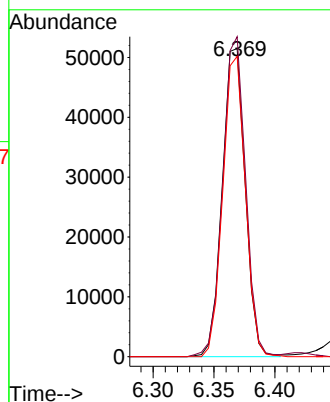
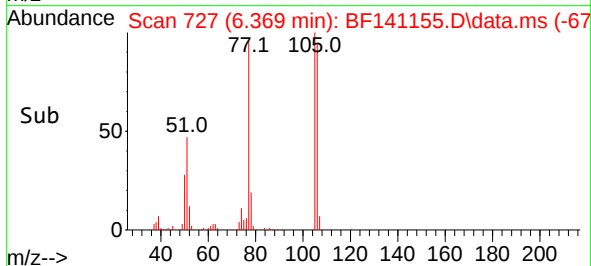
106 97.4 73.6 113.6

Manual Integrations

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#10

Phenol

Concen: 49.734 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.000 min

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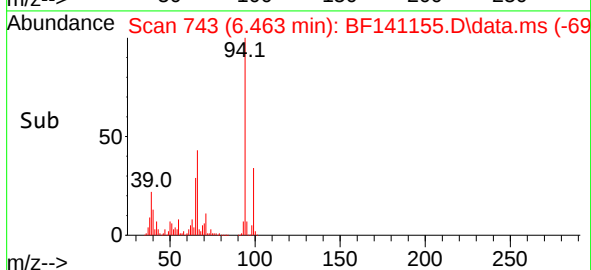
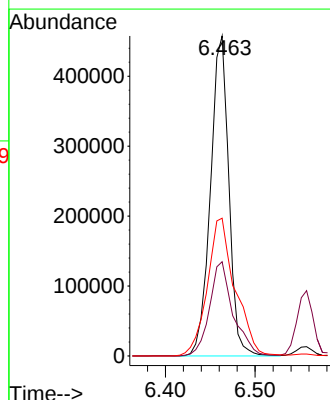
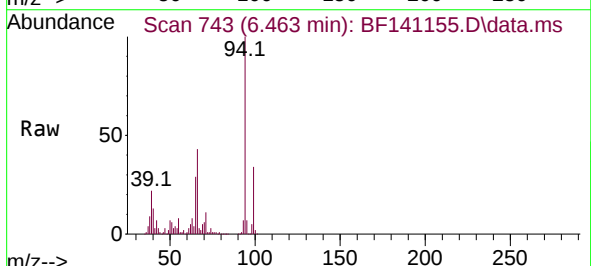
Tgt Ion: 94 Resp: 651141

Ion Ratio Lower Upper

94 100

65 29.5 8.9 48.9

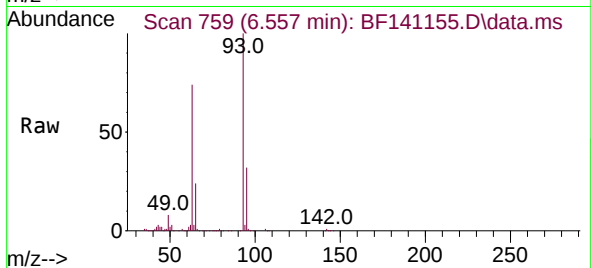
66 43.0 21.2 61.2





#11
bis(2-Chloroethyl)ether
Concen: 50.694 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

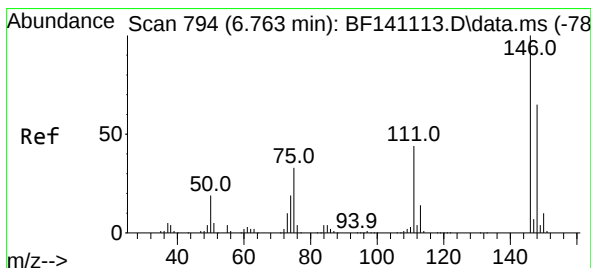
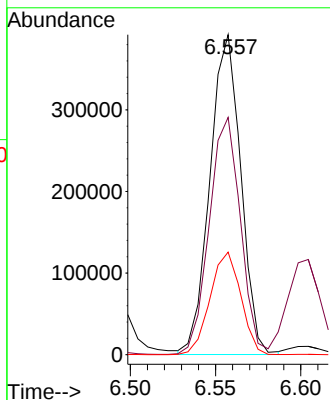
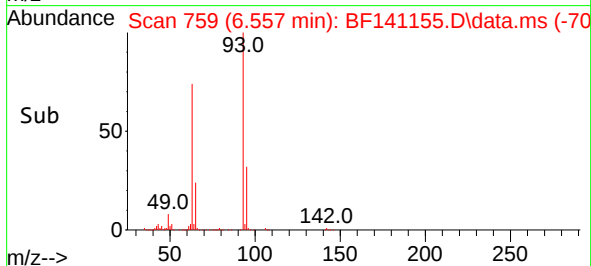
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



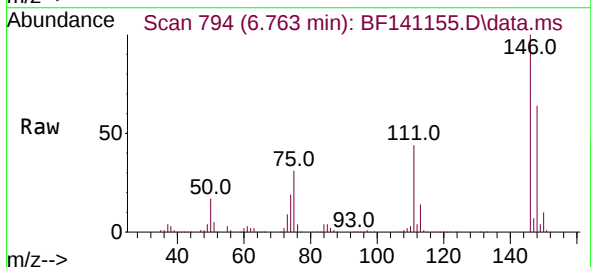
Tgt Ion: 93 Resp: 494630
Ion Ratio Lower Upper
93 100
63 74.1 58.0 98.0
95 32.1 12.5 52.5

Manual Integrations
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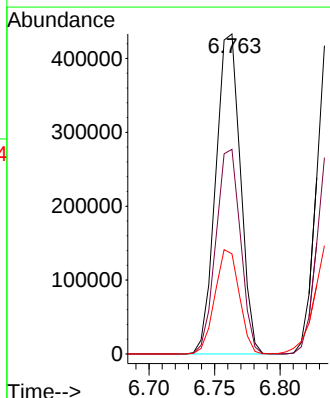
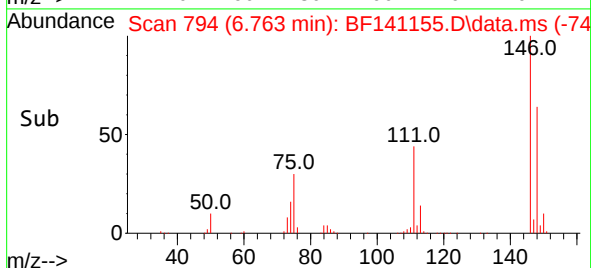
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

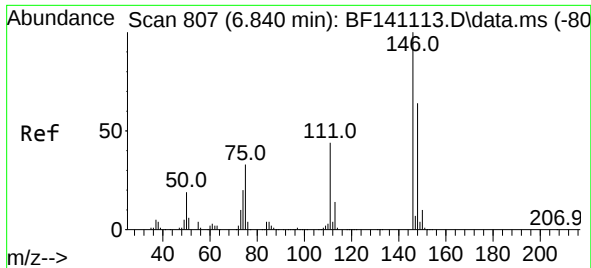


#12
1,3-Dichlorobenzene
Concen: 48.960 ng
RT: 6.763 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



Tgt Ion:146 Resp: 565663
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
75 31.3 26.2 39.2





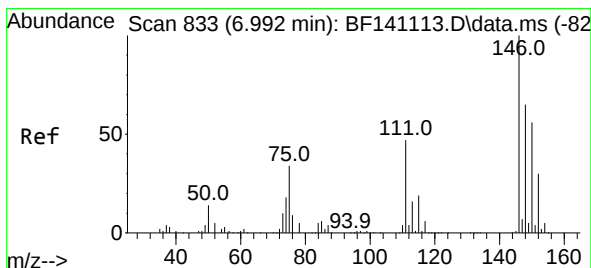
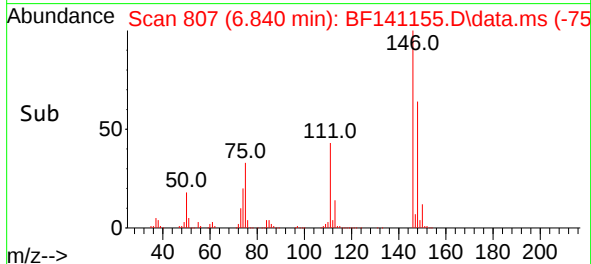
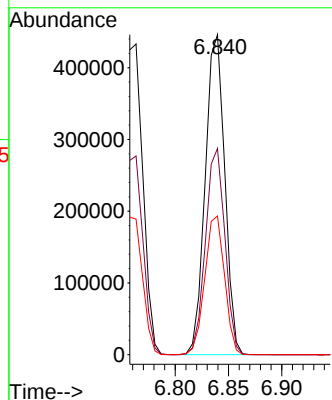
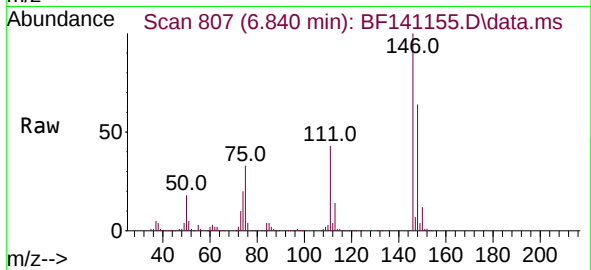
#13
1,4-Dichlorobenzene
Concen: 48.771 ng
RT: 6.840 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS

Tgt Ion:146 Resp: 56782
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 43.4 34.9 52.3

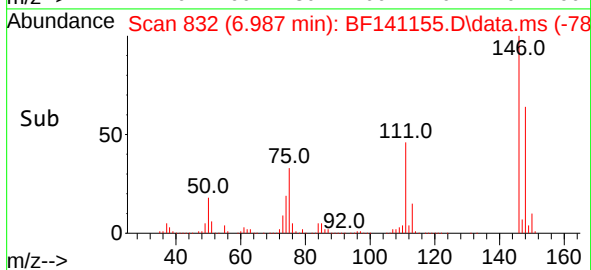
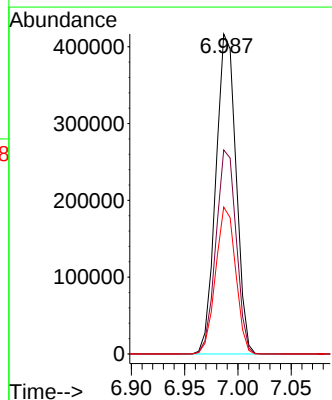
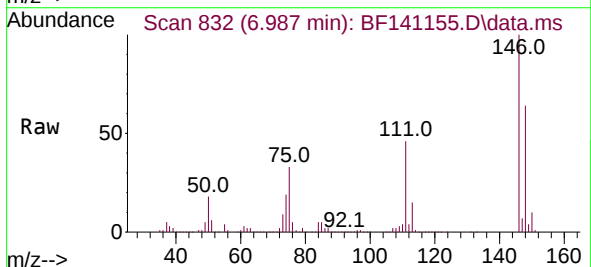
Manual Integrations
APPROVED

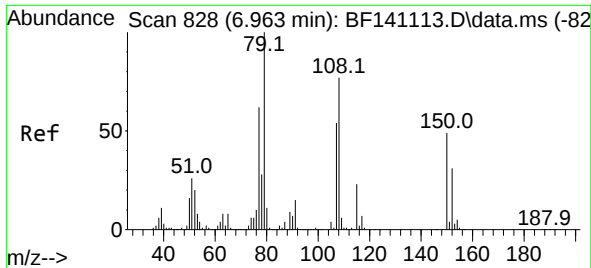
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#14
1,2-Dichlorobenzene
Concen: 50.493 ng
RT: 6.987 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

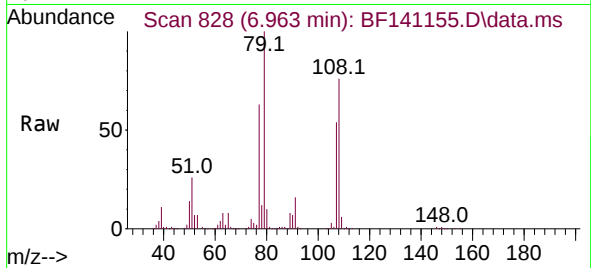
Tgt Ion:146 Resp: 548361
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
111 45.9 37.5 56.3





#15
Benzyl Alcohol
Concen: 54.112 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

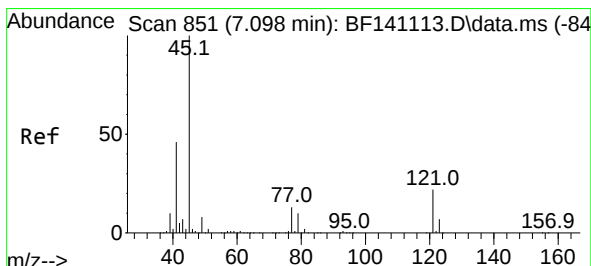
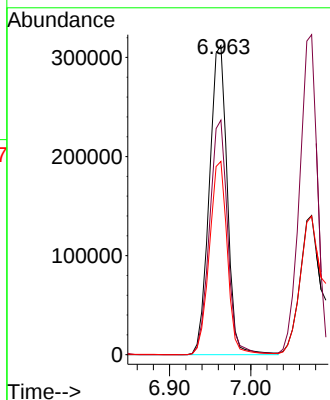
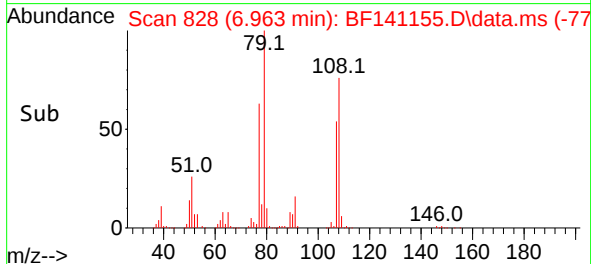
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



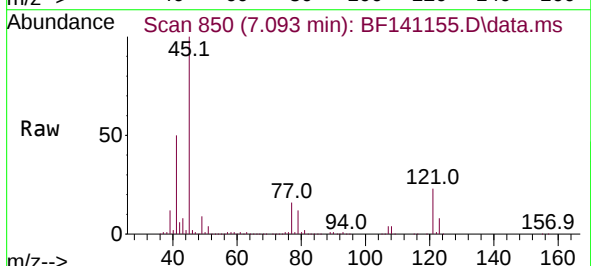
Tgt Ion: 79 Resp: 47795
Ion Ratio Lower Upper
79 100
108 75.9 61.4 92.0
77 62.5 49.8 74.6

Manual Integrations
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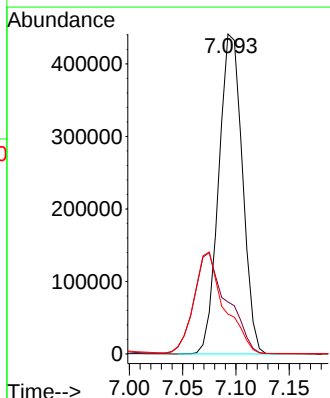
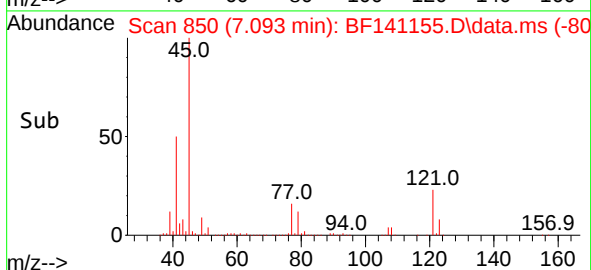
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

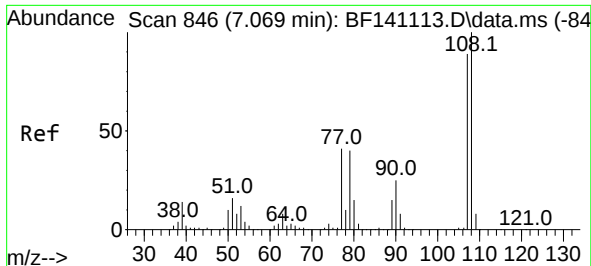


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.057 ng
RT: 7.093 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



Tgt Ion: 45 Resp: 681551
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.1
79 12.4 0.0 31.0





#17

2-Methylphenol

Concen: 52.521 ng

RT: 7.075 min Scan# 846

Delta R.T. 0.006 min

Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

Instrument :

BNA_F

ClientSampleId :

HACKENSACK-DGAMS

Tgt Ion:107 Resp: 439249

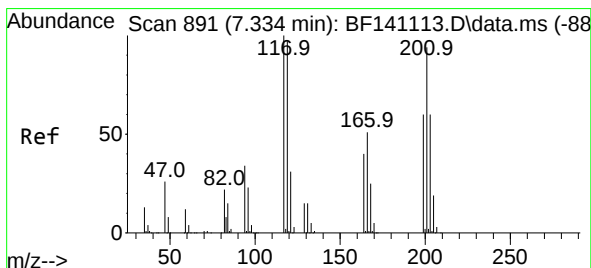
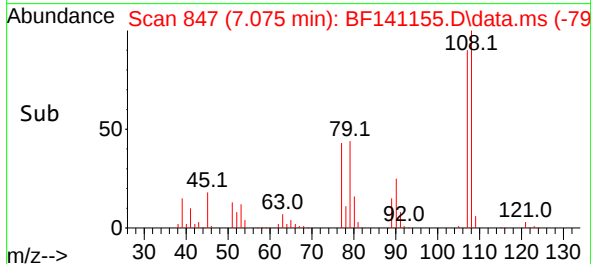
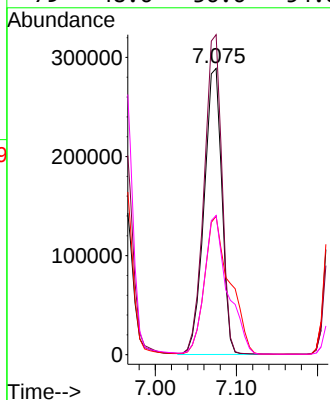
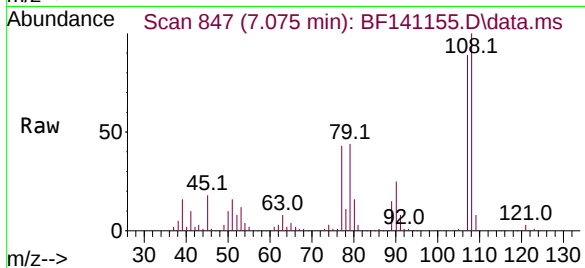
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.1	135.1
77	48.4	36.6	55.0
79	48.6	36.6	54.8

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#18

Hexachloroethane

Concen: 50.752 ng

RT: 7.334 min Scan# 891

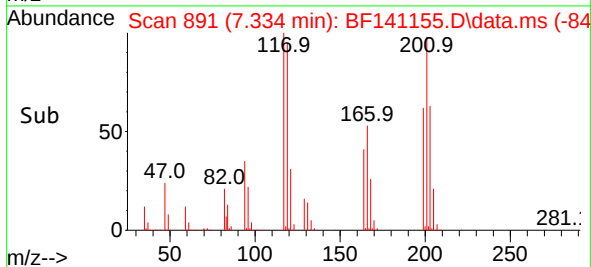
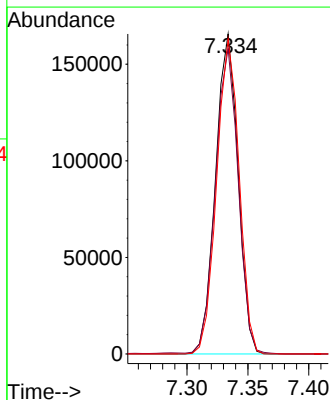
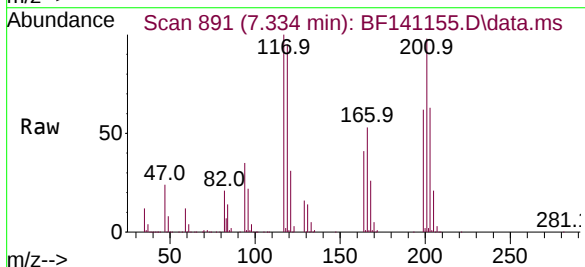
Delta R.T. 0.000 min

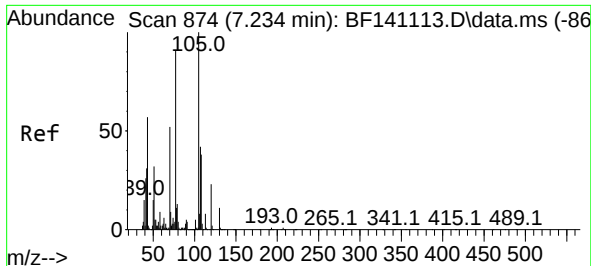
Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

Tgt Ion:117 Resp: 213682

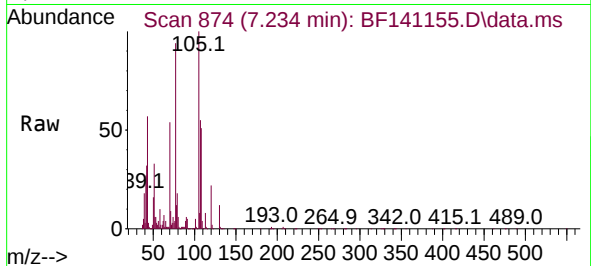
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.6	116.4
201	98.5	75.1	112.7





#19
n-Nitroso-di-n-propylamine
Concen: 51.035 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

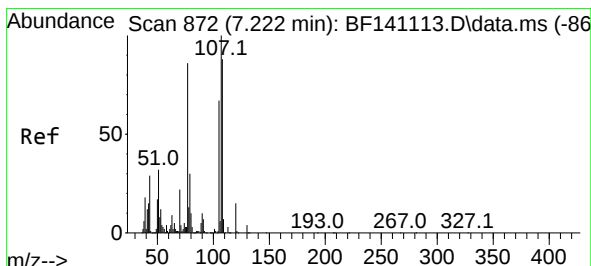
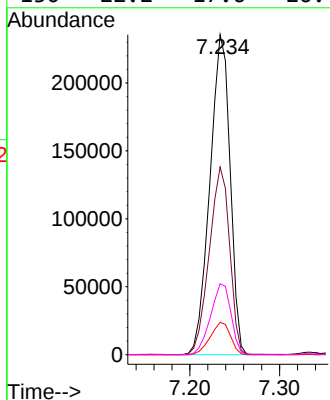
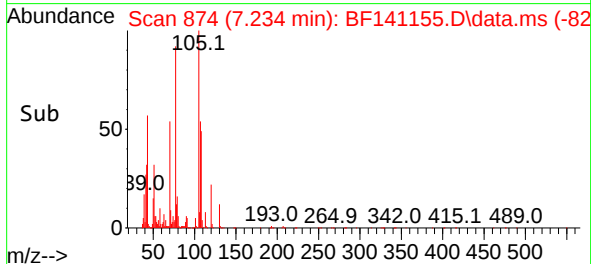
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



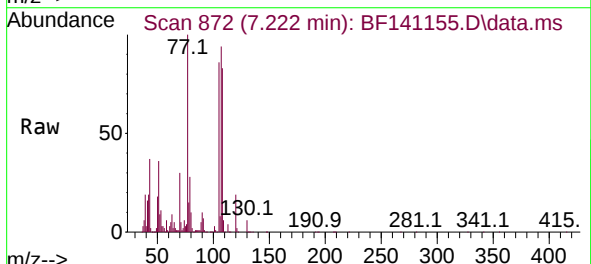
Tgt Ion: 70 Resp: 36768
Ion Ratio Lower Upper
70 100
42 58.7 47.8 71.6
101 10.1 7.9 11.9
130 22.2 17.6 26.4

Manual Integrations
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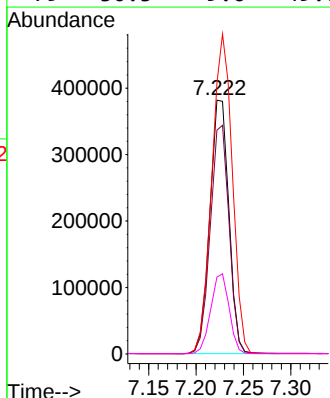
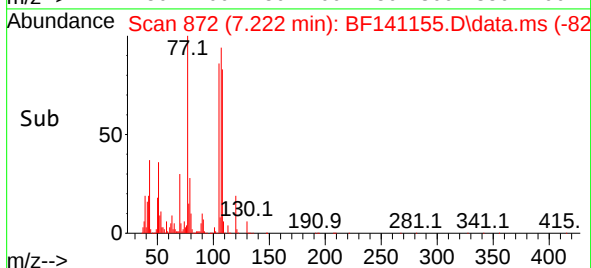
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

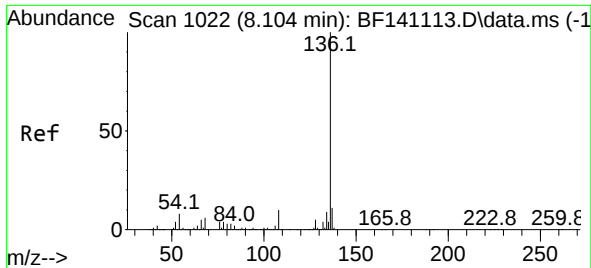


#20
3+4-Methylphenols
Concen: 50.376 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



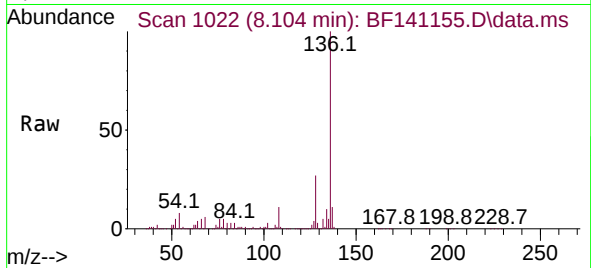
Tgt Ion:107 Resp: 531530
Ion Ratio Lower Upper
107 100
108 88.2 68.3 108.3
77 106.6 66.4 106.4#
79 30.3 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

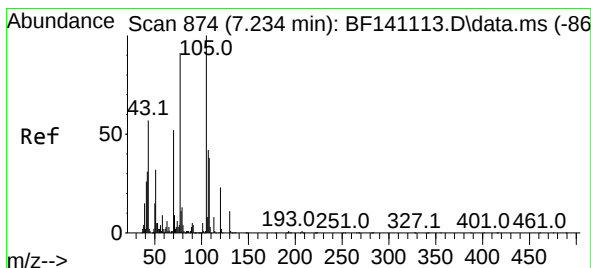
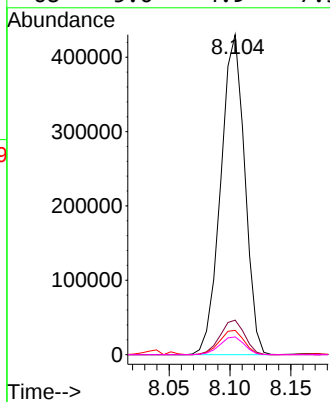
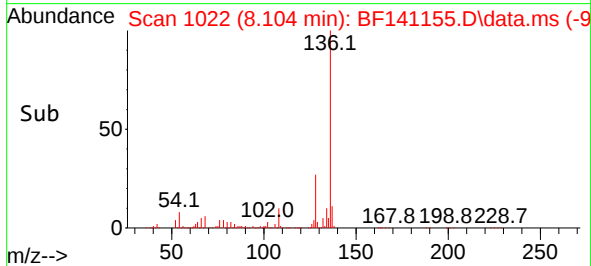
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:136 Resp: 589764
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 6.3 9.5
68 5.6 4.9 7.3

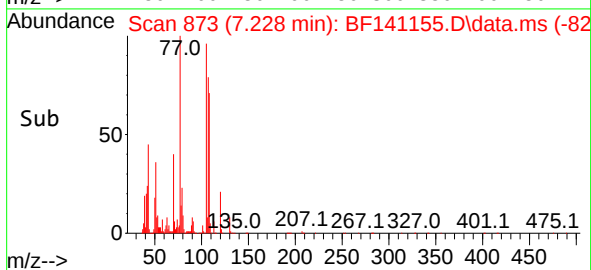
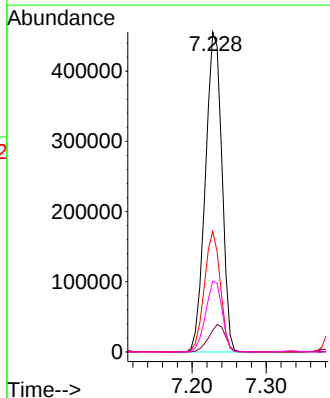
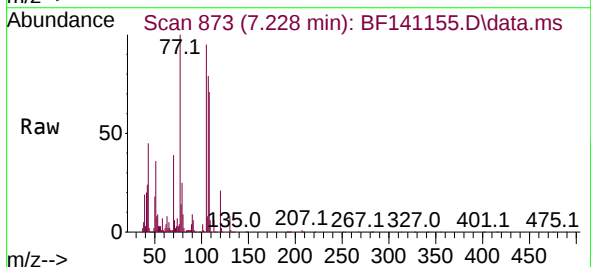
Manual Integrations
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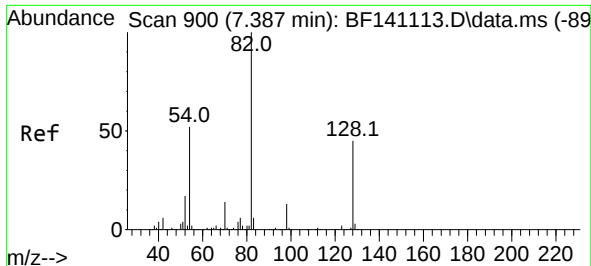
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#22
Acetophenone
Concen: 50.373 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

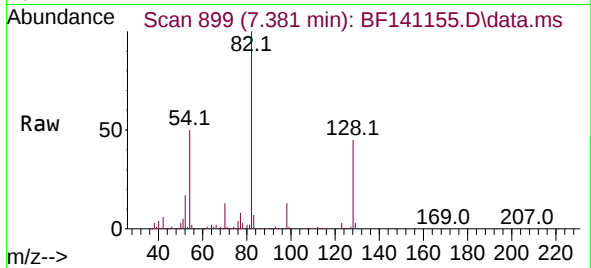
Tgt Ion:105 Resp: 706240
Ion Ratio Lower Upper
105 100
71 6.8 7.1 10.7#
51 37.7 25.4 38.2
120 22.1 18.0 27.0





#23
Nitrobenzene-d5
Concen: 67.146 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

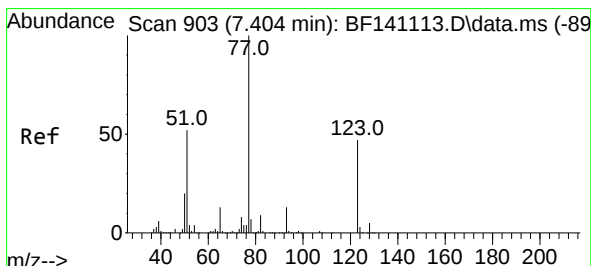
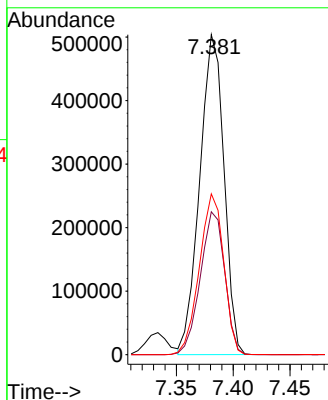
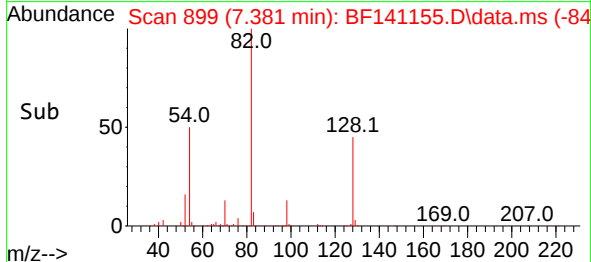
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion: 82 Resp: 74705
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 50.3 41.0 61.4

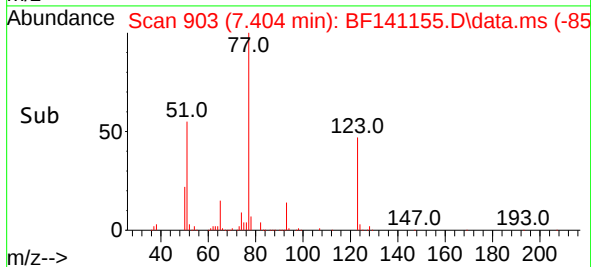
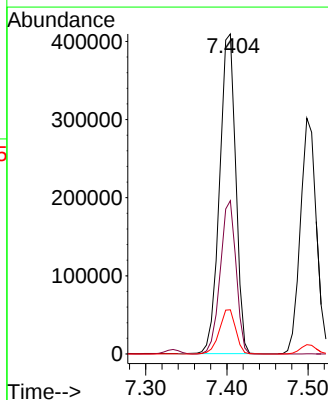
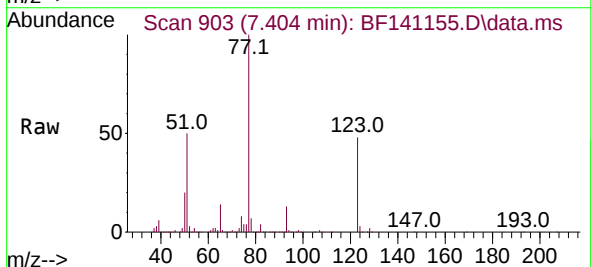
Manual Integrations
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Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#24
Nitrobenzene
Concen: 48.880 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

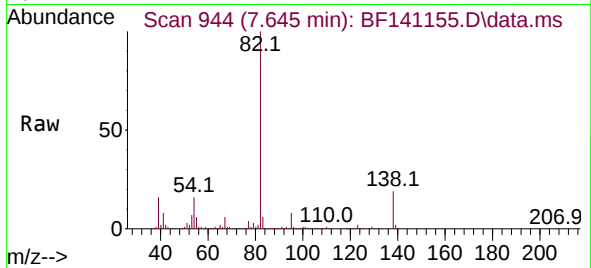
Tgt Ion: 77 Resp: 566792
Ion Ratio Lower Upper
77 100
123 47.9 37.7 56.5
65 13.8 10.6 16.0





#25
Isophorone
Concen: 52.988 ng
RT: 7.645 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

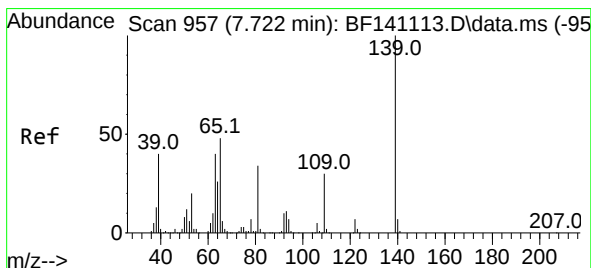
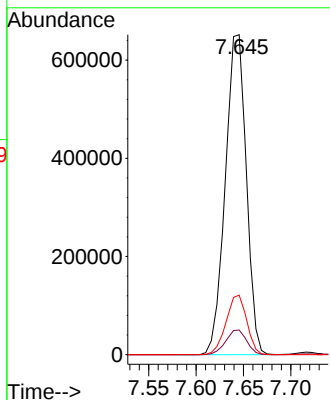
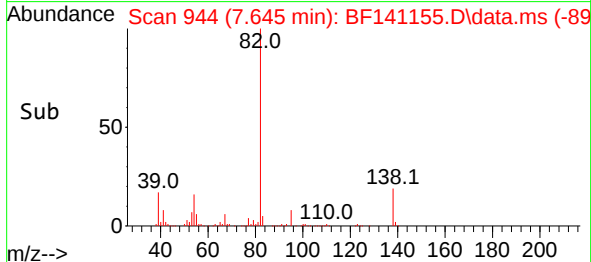
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion: 82 Resp: 1007494
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.6 14.2 21.2

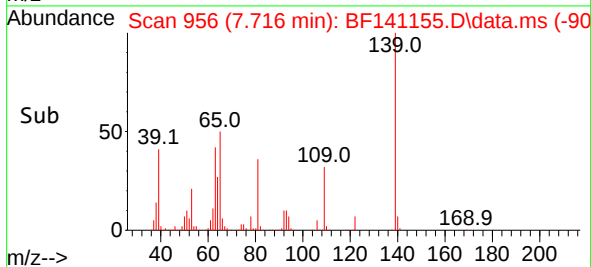
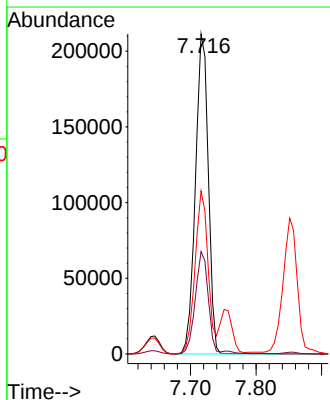
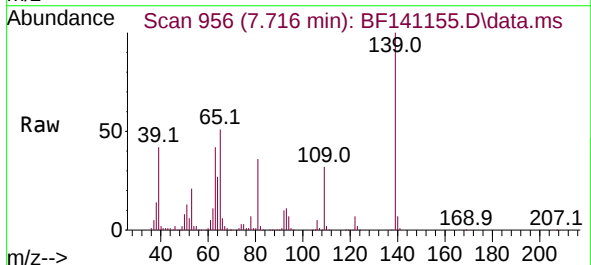
Manual Integrations
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Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#26
2-Nitrophenol
Concen: 54.892 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

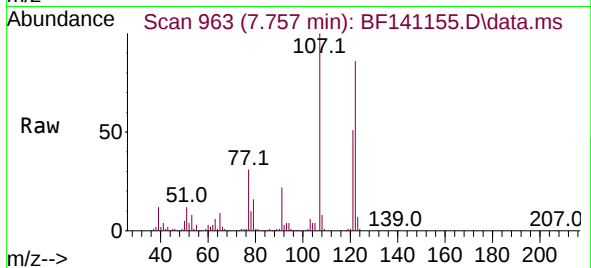
Tgt Ion:139 Resp: 289536
Ion Ratio Lower Upper
139 100
109 32.0 23.8 35.6
65 51.0 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 62.414 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

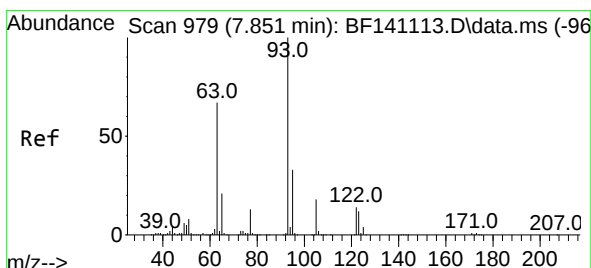
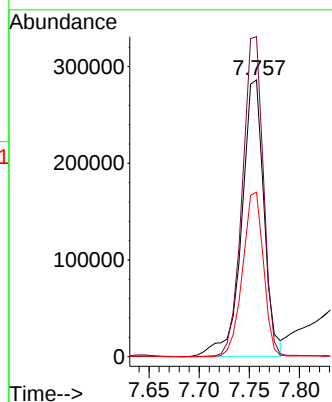
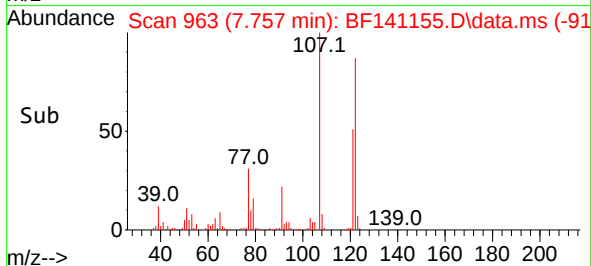
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:122 Resp: 44405
Ion Ratio Lower Upper
122 100
107 115.6 90.3 135.5
121 59.4 46.5 69.7

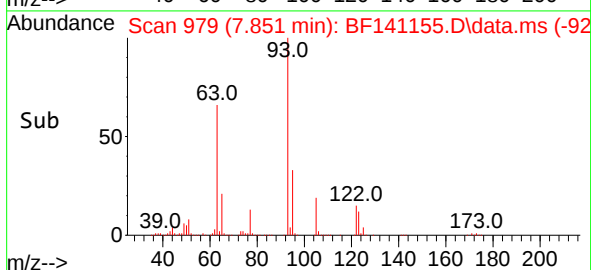
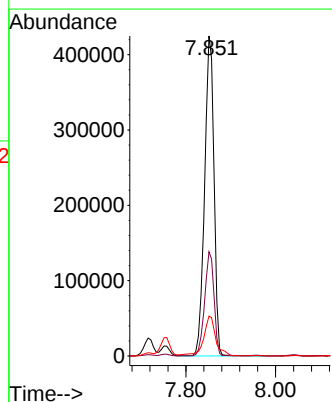
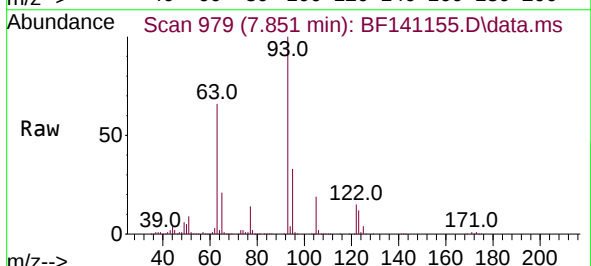
Manual Integrations
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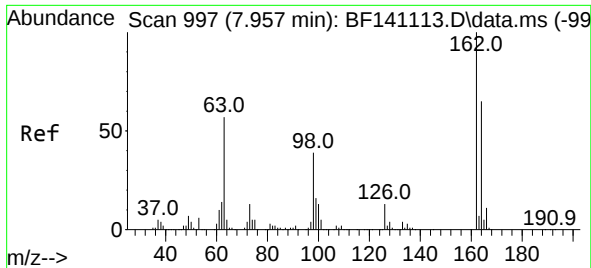
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 51.676 ng
RT: 7.851 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

Tgt Ion: 93 Resp: 616626
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 12.5 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 53.309 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF141155.D

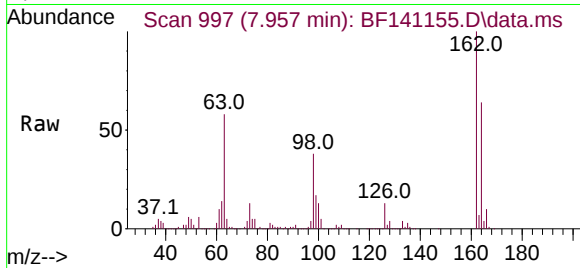
Acq: 14 Jan 2025 19:30

Instrument :

BNA_F

ClientSampleId :

HACKENSACK-DGAMS



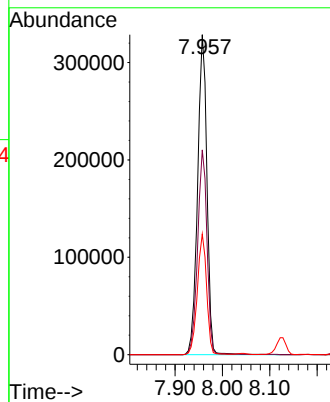
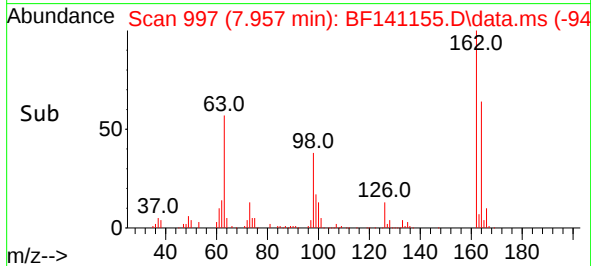
Tgt Ion:	162	Resp:	450458
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.5	84.5
98	37.7	18.5	58.5

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#30

1,2,4-Trichlorobenzene

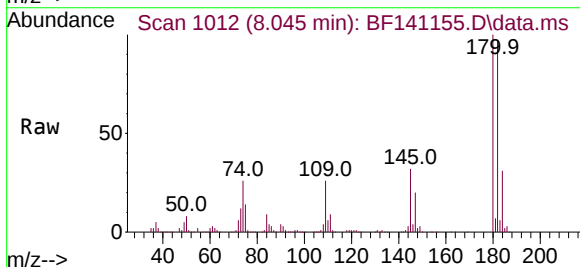
Concen: 48.913 ng

RT: 8.045 min Scan# 1012

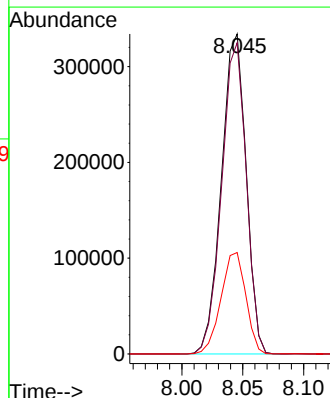
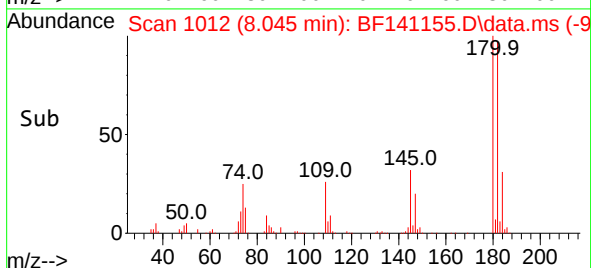
Delta R.T. 0.000 min

Lab File: BF141155.D

Acq: 14 Jan 2025 19:30



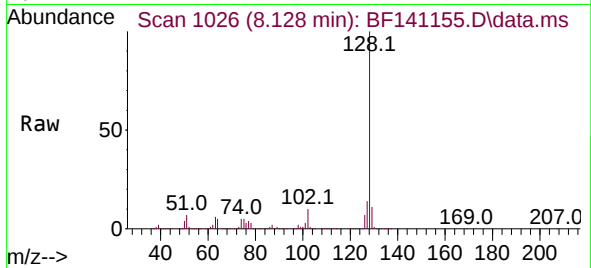
Tgt Ion:	180	Resp:	472430
Ion Ratio	Lower	Upper	
180	100		
182	97.2	76.2	114.2
145	31.7	25.3	37.9





#31
Naphthalene
Concen: 49.899 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

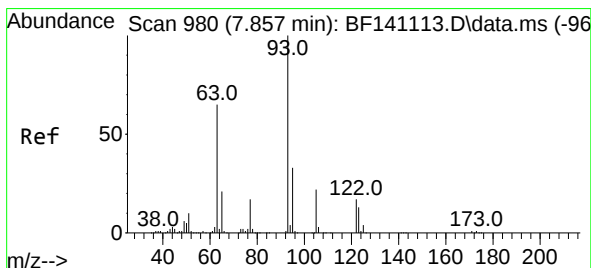
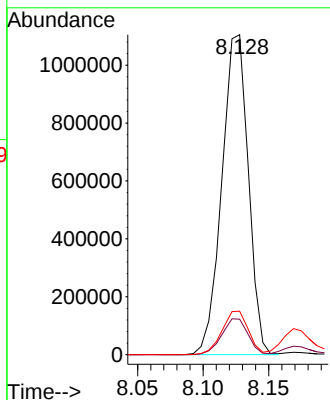
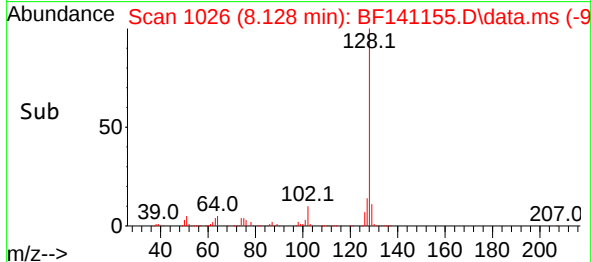
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:128 Resp: 155195
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.6 10.8 16.2

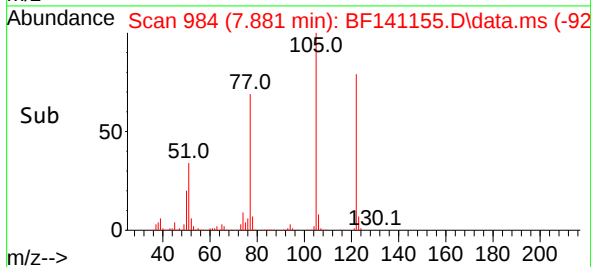
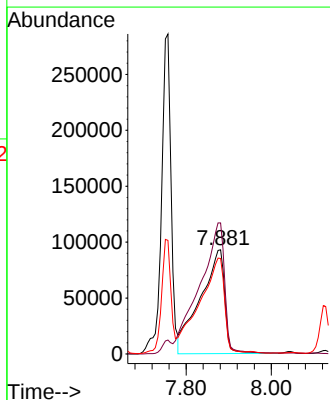
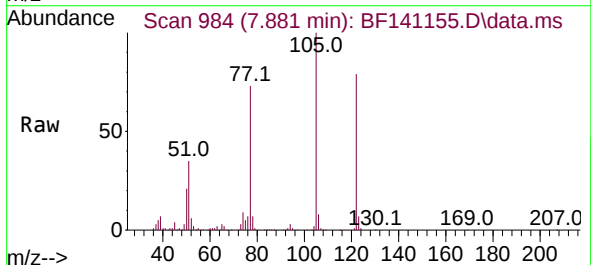
Manual Integrations
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Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#32
Benzoic acid
Concen: 54.398 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.024 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

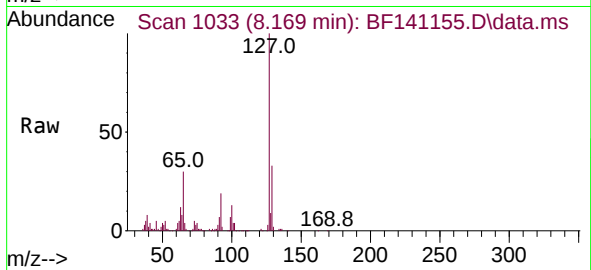
Tgt Ion:122 Resp: 371262
Ion Ratio Lower Upper
122 100
105 125.8 105.5 145.5
77 91.6 75.1 115.1





#33
4-Chloroaniline
Concen: 13.820 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

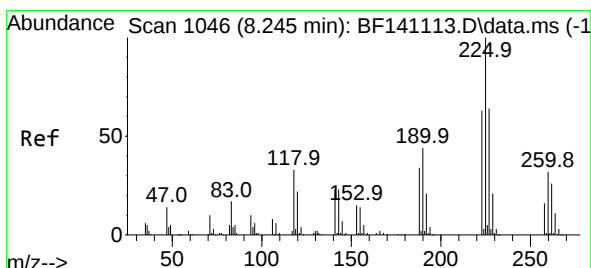
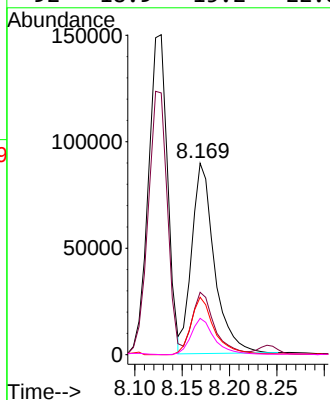
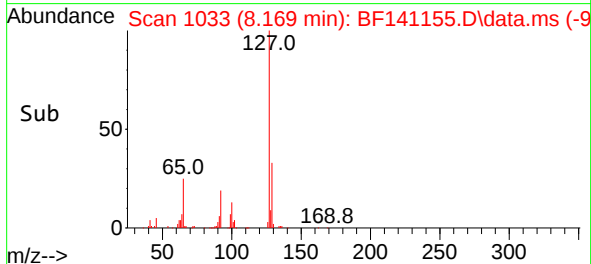
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:127 Resp: 148650
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9
65 30.0 23.8 35.8
92 18.9 15.2 22.8

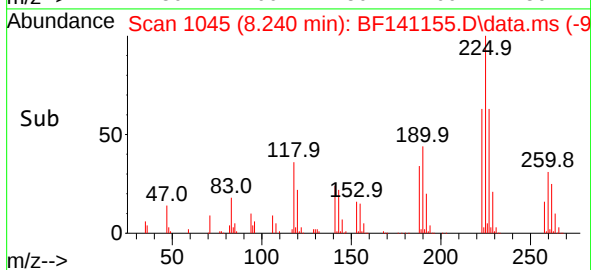
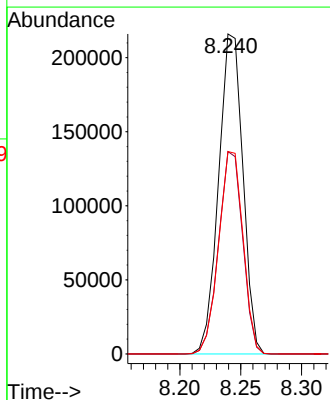
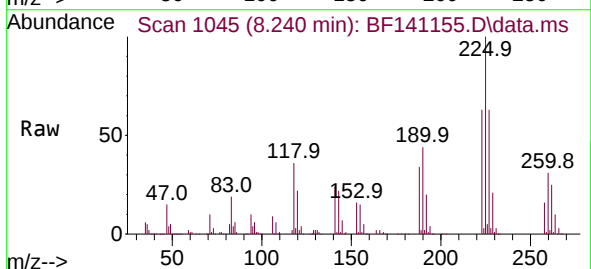
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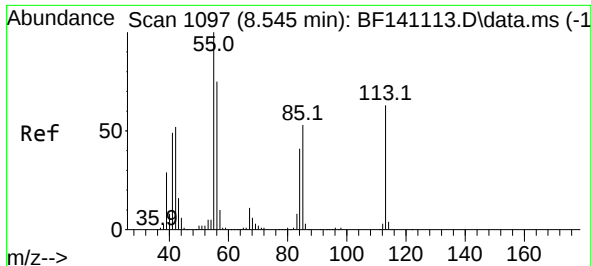
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#34
Hexachlorobutadiene
Concen: 51.534 ng
RT: 8.240 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

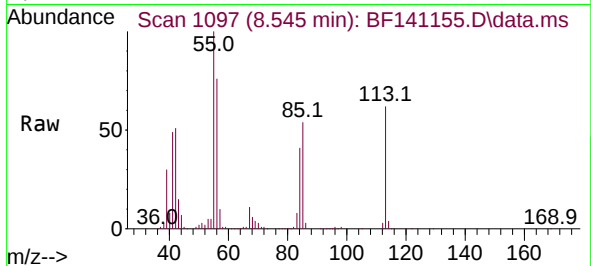
Tgt Ion:225 Resp: 299921
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 63.3 51.6 77.4





#35
Caprolactam
Concen: 48.240 ng m
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

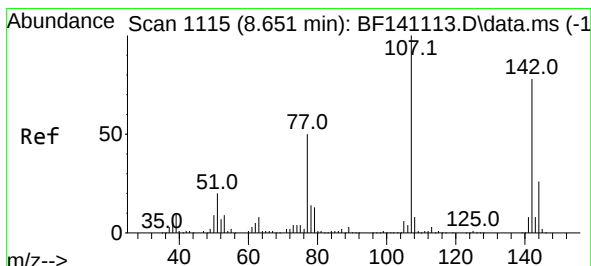
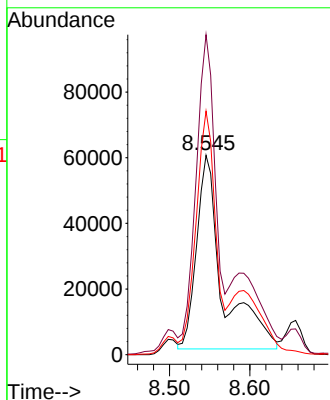
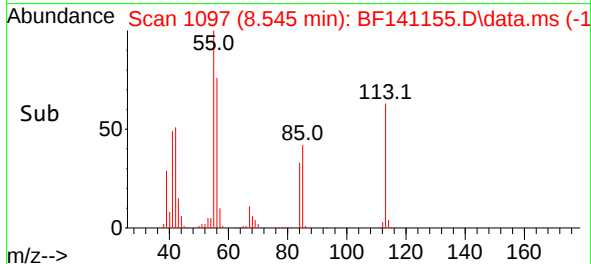
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:113 Resp: 133452
Ion Ratio Lower Upper
113 100
55 160.5 139.7 179.7
56 122.1 99.4 139.4

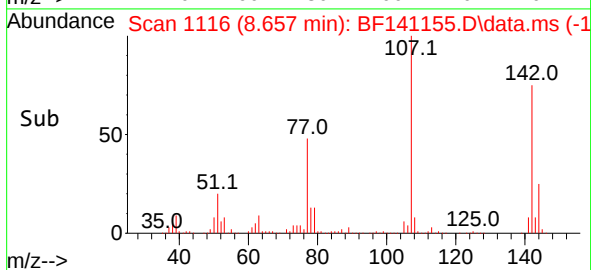
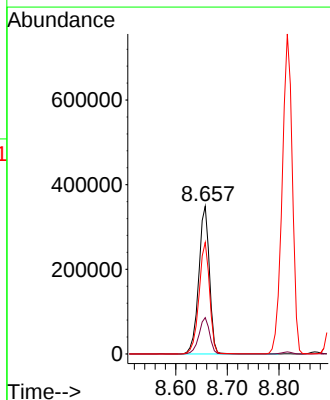
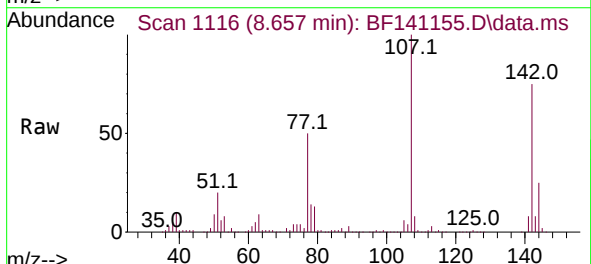
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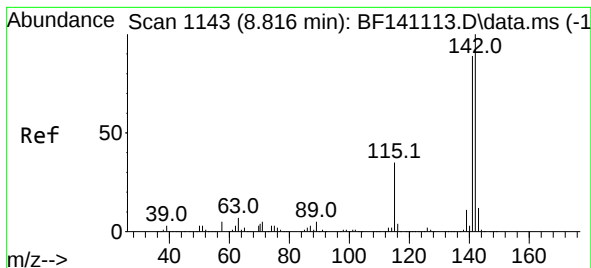
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#36
4-Chloro-3-methylphenol
Concen: 54.031 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

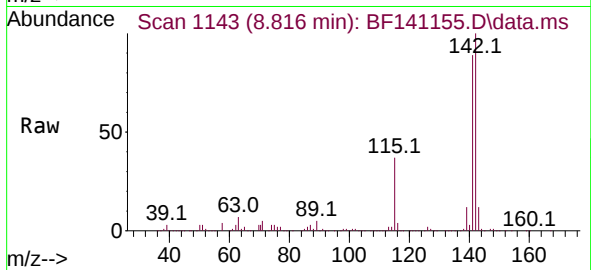
Tgt Ion:107 Resp: 499316
Ion Ratio Lower Upper
107 100
144 24.6 20.4 30.6
142 75.5 62.2 93.2





#37
2-Methylnaphthalene
Concen: 51.959 ng
RT: 8.816 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

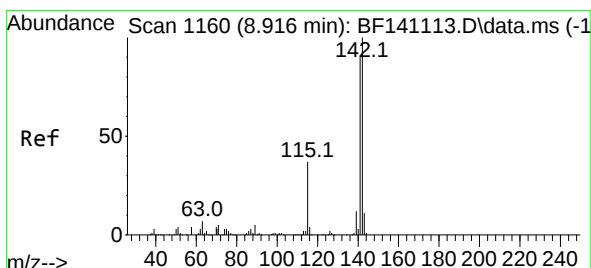
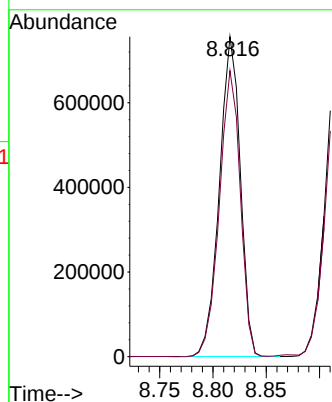
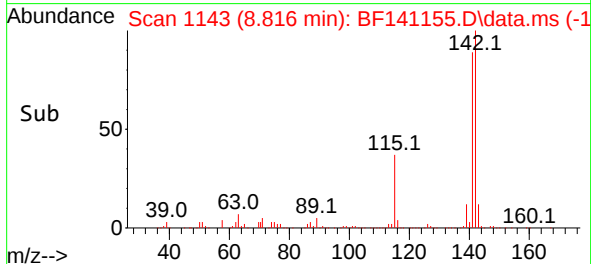
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:142 Resp: 102978
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9

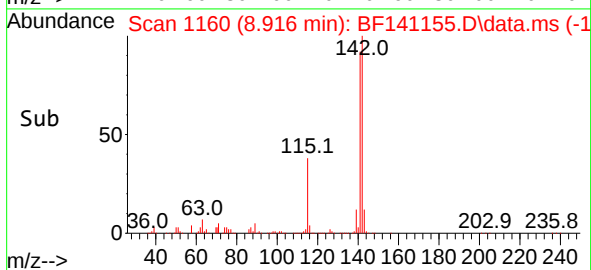
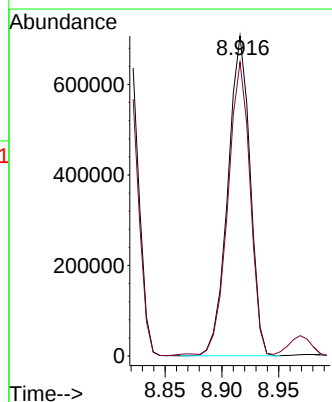
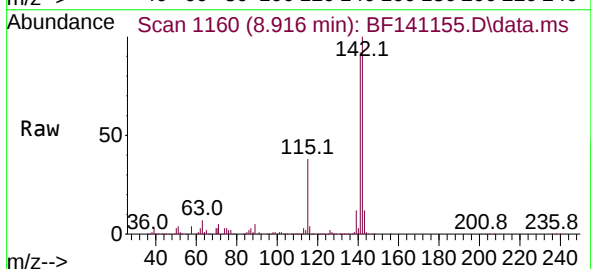
Manual Integrations
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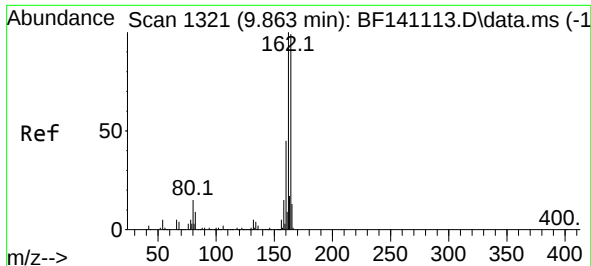
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#38
1-Methylnaphthalene
Concen: 49.136 ng
RT: 8.916 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

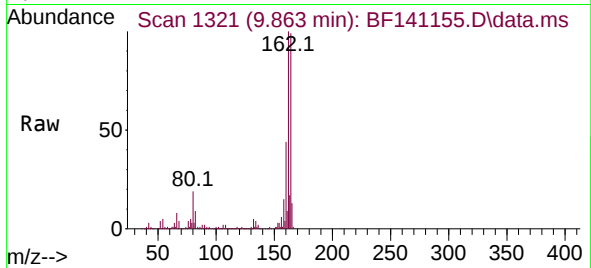
Tgt Ion:142 Resp: 959745
Ion Ratio Lower Upper
142 100
141 91.9 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

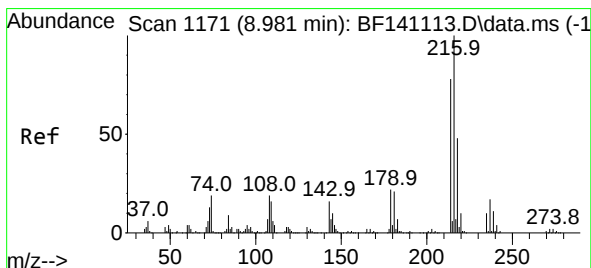
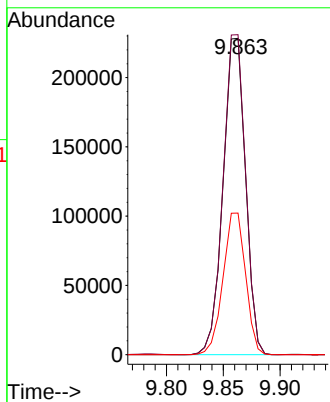
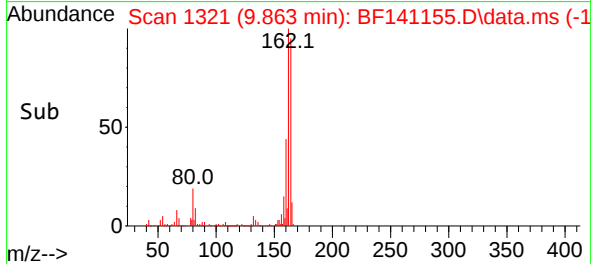
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:164 Resp: 314174
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 44.8 36.1 54.1

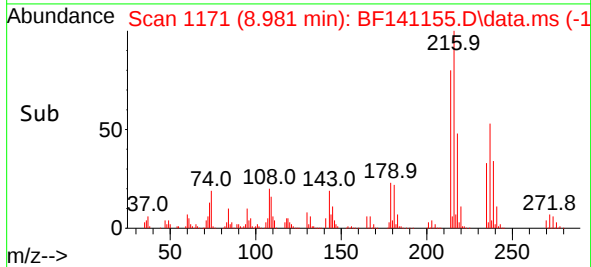
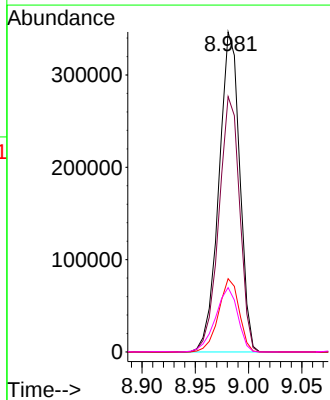
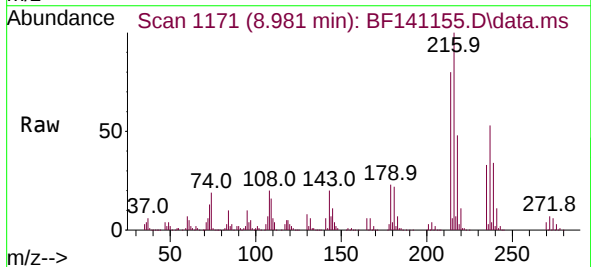
Manual Integrations
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Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.085 ng
RT: 8.981 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

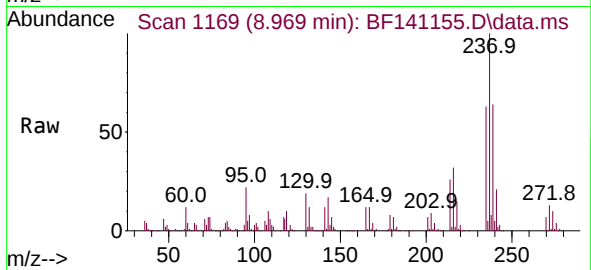
Tgt Ion:216 Resp: 469672
Ion Ratio Lower Upper
216 100
214 79.8 62.6 94.0
179 22.6 17.7 26.5
108 21.7 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 171.472 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

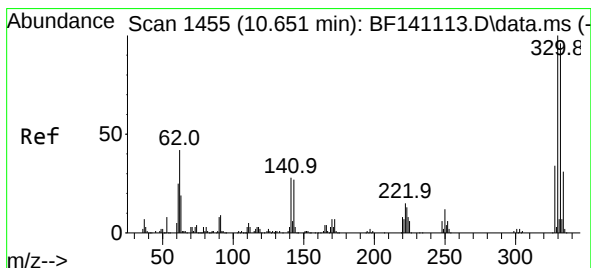
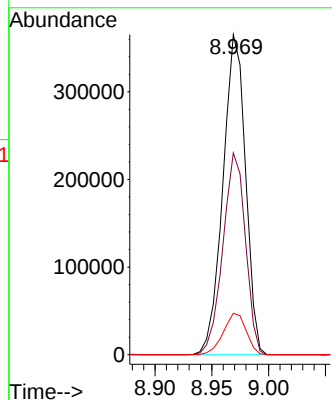
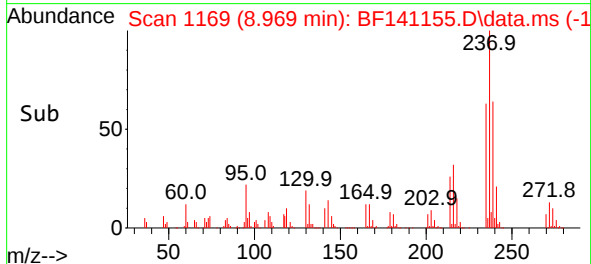
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



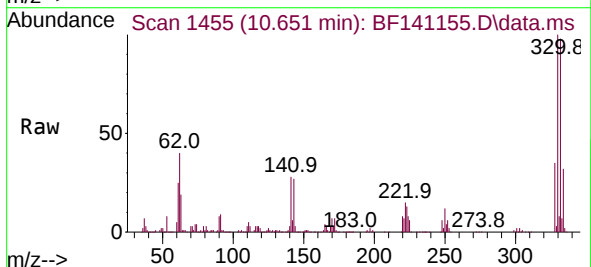
Tgt Ion:237 Resp: 505870
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 13.0 0.0 33.0

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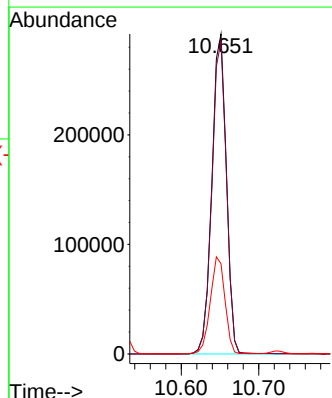
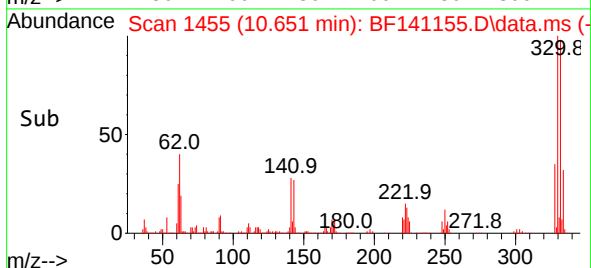
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#42
2,4,6-Tribromophenol
Concen: 106.023 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



Tgt Ion:330 Resp: 379541
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 30.6 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 56.336 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

Instrument :

BNA_F

ClientSampleId :

HACKENSACK-DGAMS

Tgt Ion:196 Resp: 342619

Ion Ratio Lower Upper

196 100

198 100.6 80.8 121.2

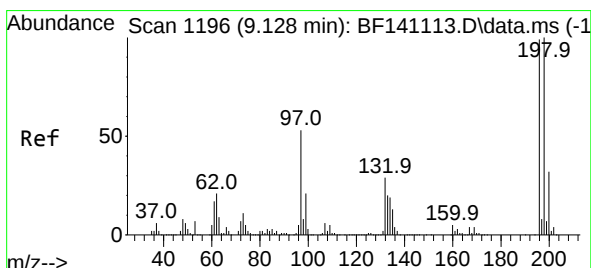
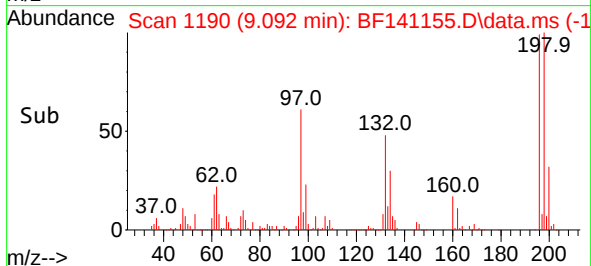
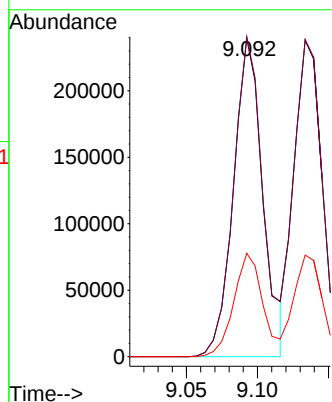
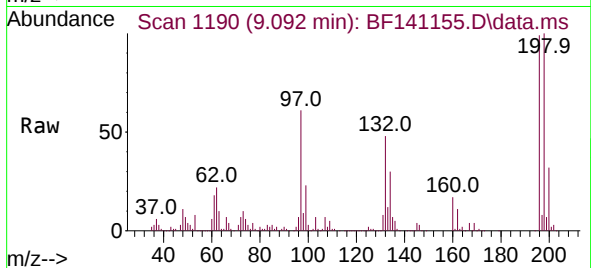
200 32.5 25.7 38.5

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#44

2,4,5-Trichlorophenol

Concen: 50.465 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

Tgt Ion:196 Resp: 324139

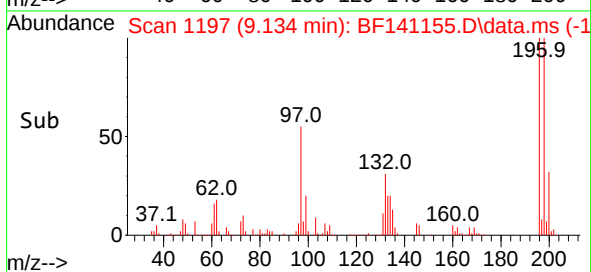
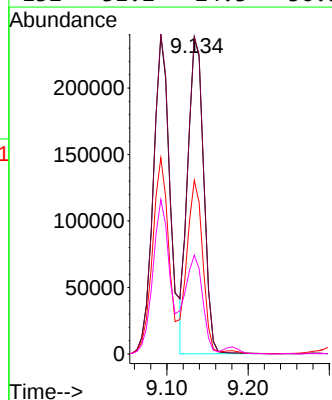
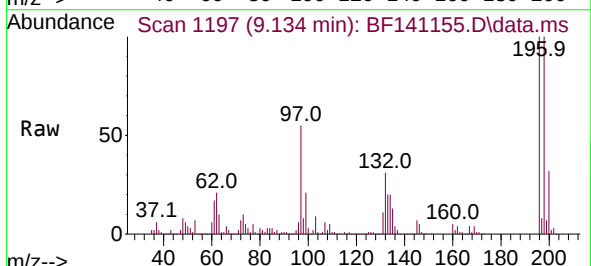
Ion Ratio Lower Upper

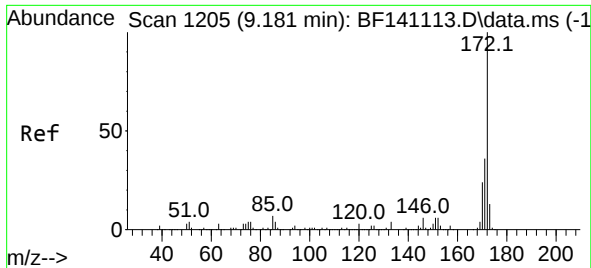
196 100

198 100.3 80.6 120.8

97 54.9 43.1 64.7

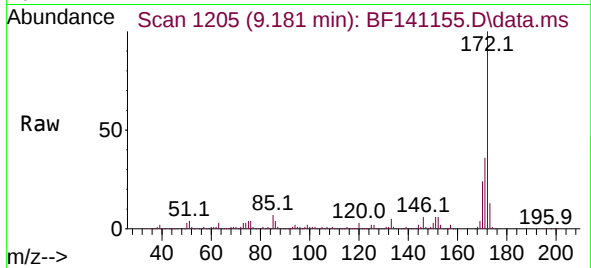
132 31.2 24.3 36.5





#45
2-Fluorobiphenyl
Concen: 64.624 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

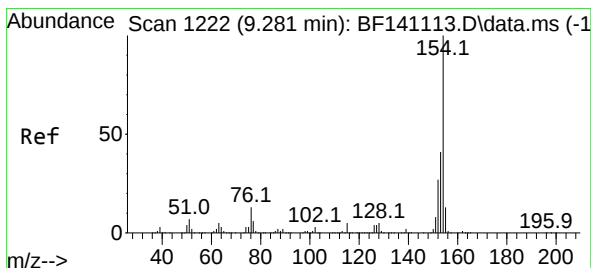
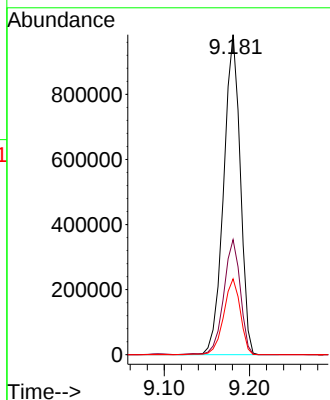
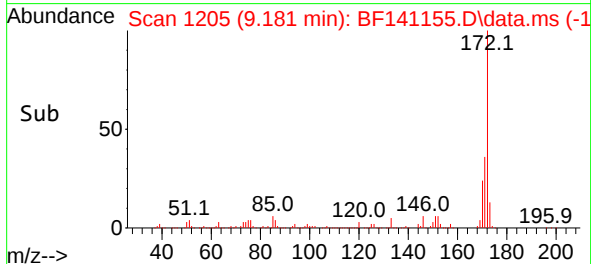
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



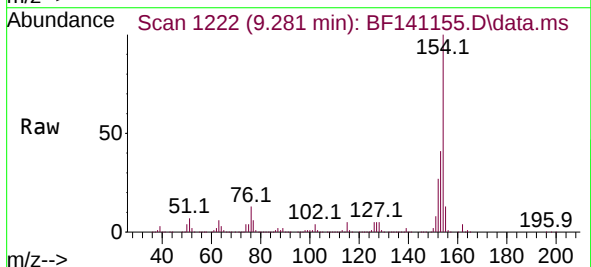
Tgt Ion:172 Resp: 1329570
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.7 19.0 28.6

Manual Integrations
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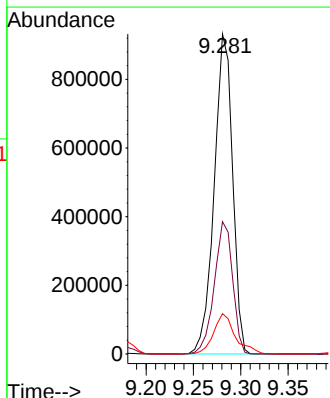
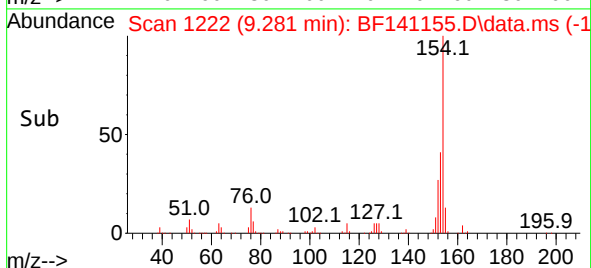
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

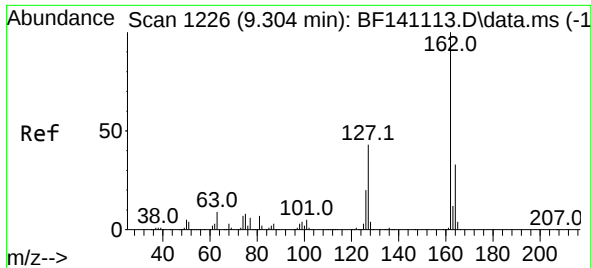


#46
1,1'-Biphenyl
Concen: 51.559 ng
RT: 9.281 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



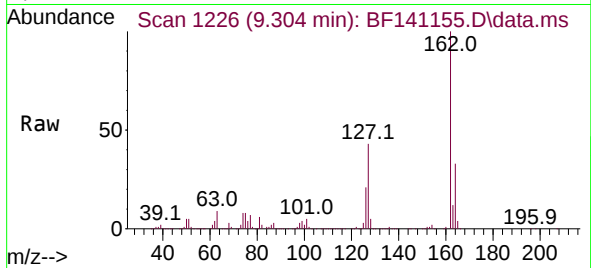
Tgt Ion:154 Resp: 1257968
Ion Ratio Lower Upper
154 100
153 41.3 20.7 60.7
76 12.6 0.0 33.1





#47
2-Chloronaphthalene
Concen: 50.279 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

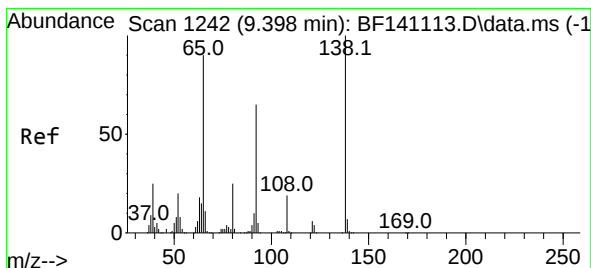
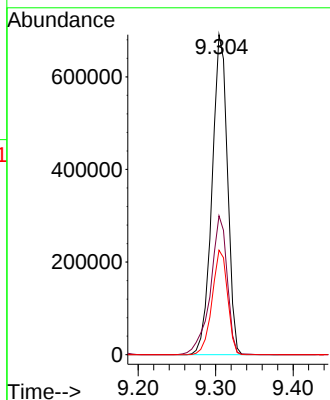
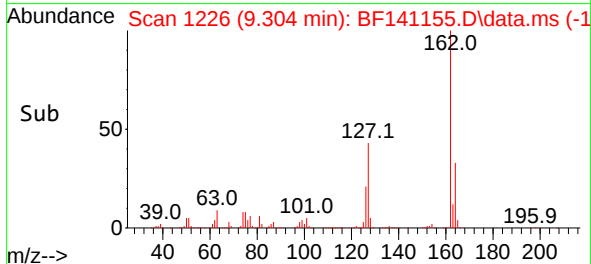
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:162 Resp: 95547
Ion Ratio Lower Upper
162 100
127 43.4 34.6 51.8
164 32.7 26.5 39.7

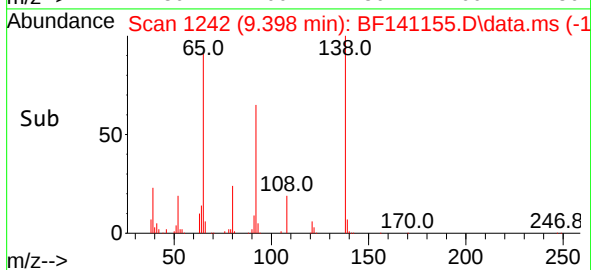
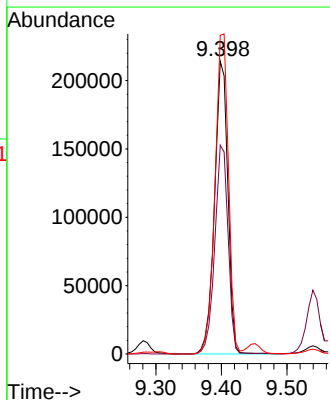
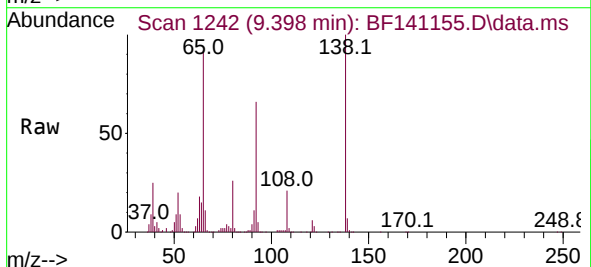
Manual Integrations
APPROVED

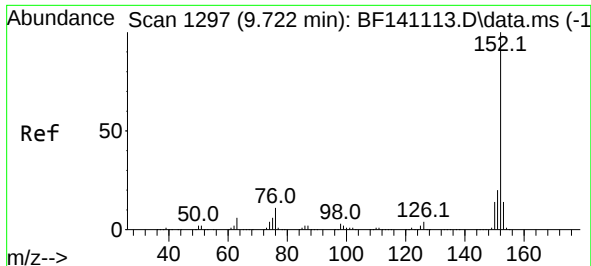
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#48
2-Nitroaniline
Concen: 53.506 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

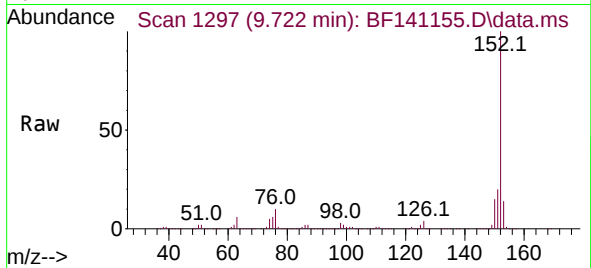
Tgt Ion: 65 Resp: 301413
Ion Ratio Lower Upper
65 100
92 71.3 58.3 87.5
138 108.9 89.1 133.7





#49
Acenaphthylene
Concen: 54.196 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

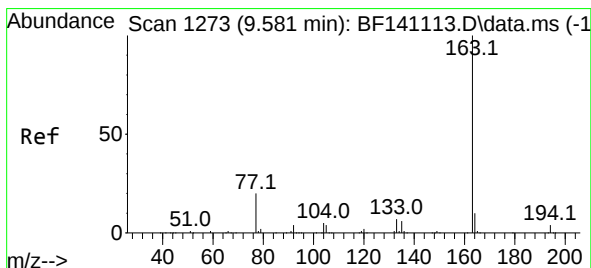
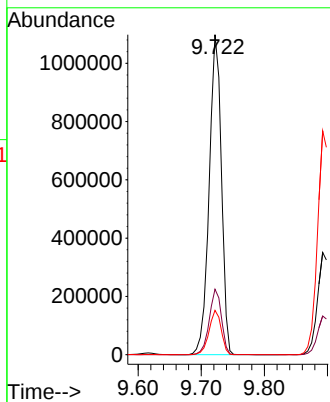
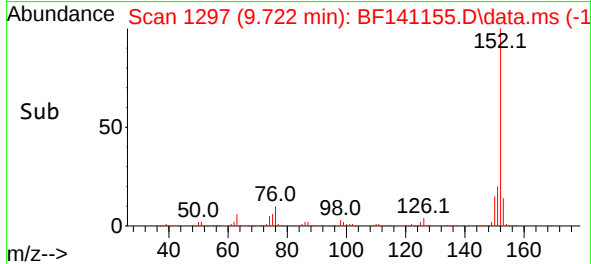
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



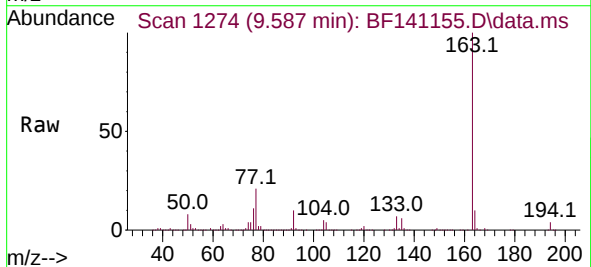
Tgt Ion:152 Resp: 1471430
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.9 11.1 16.7

Manual Integrations
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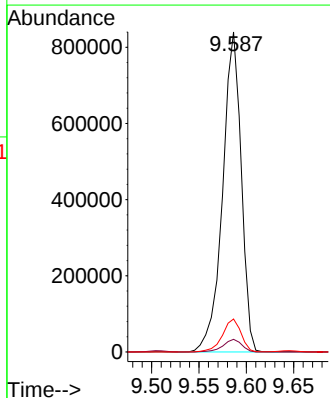
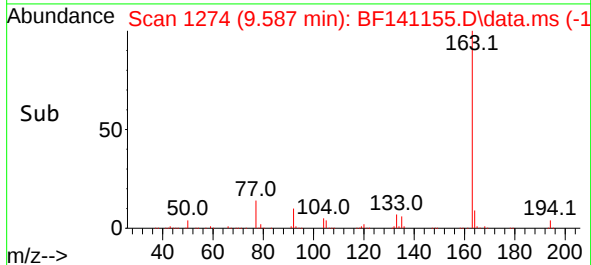
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

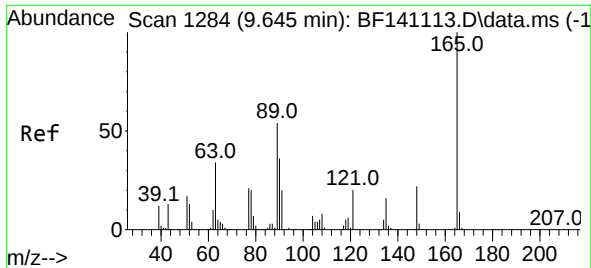


#50
Dimethylphthalate
Concen: 54.592 ng
RT: 9.587 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



Tgt Ion:163 Resp: 1151444
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.4





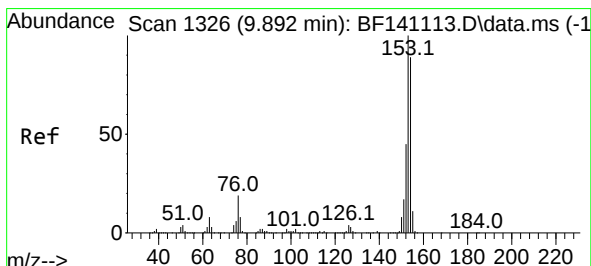
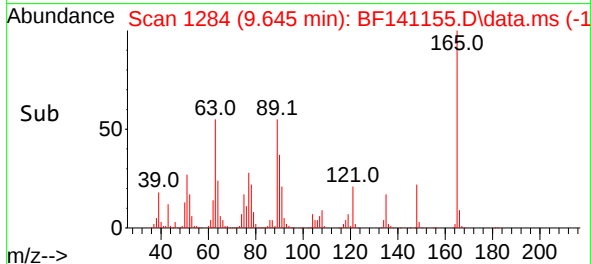
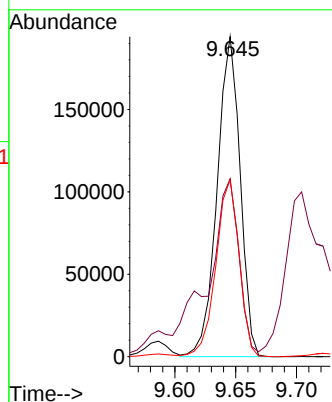
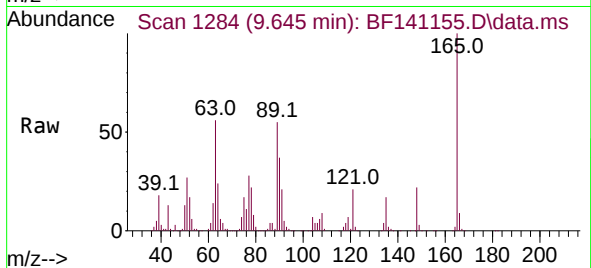
#51
2,6-Dinitrotoluene
Concen: 52.075 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS

Tgt Ion:165 Resp: 255418
Ion Ratio Lower Upper
165 100
63 55.6 42.3 63.5
89 55.3 43.1 64.7

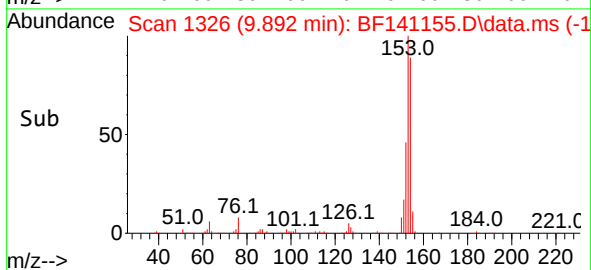
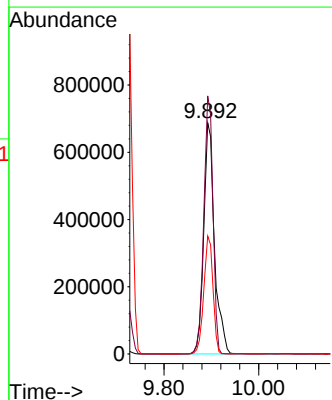
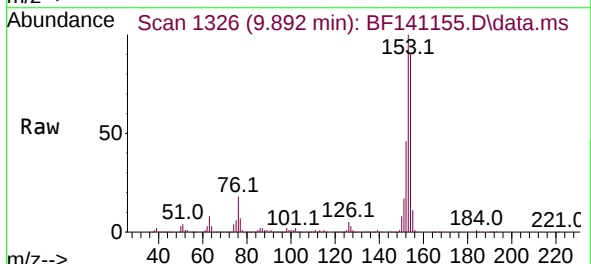
Manual Integrations
APPROVED

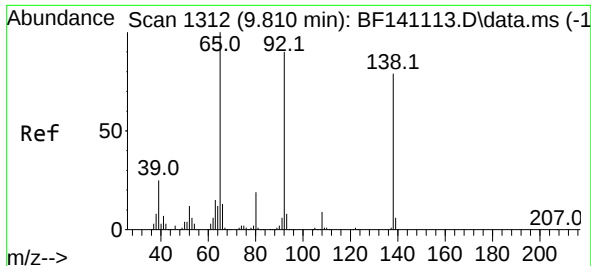
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#52
Acenaphthene
Concen: 57.096 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

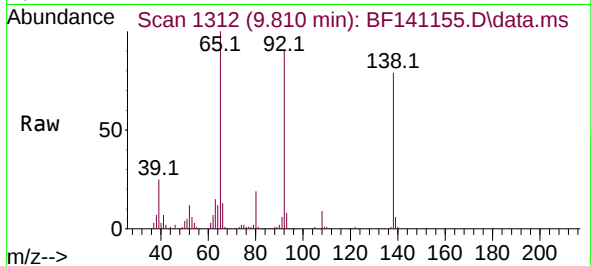
Tgt Ion:154 Resp: 1083026
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.6
152 51.0 40.8 61.2





#53
3-Nitroaniline
Concen: 28.500 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

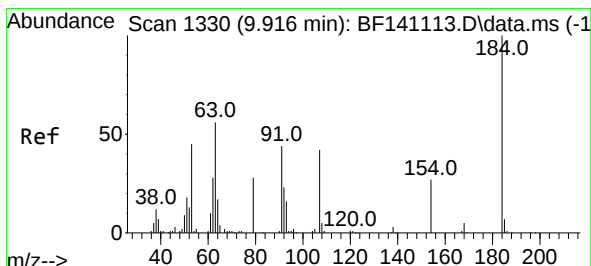
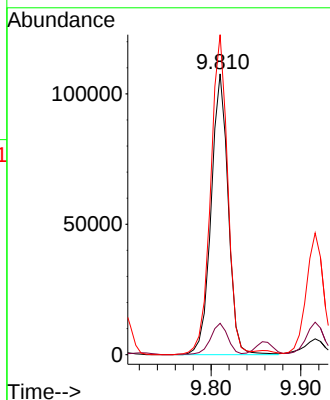
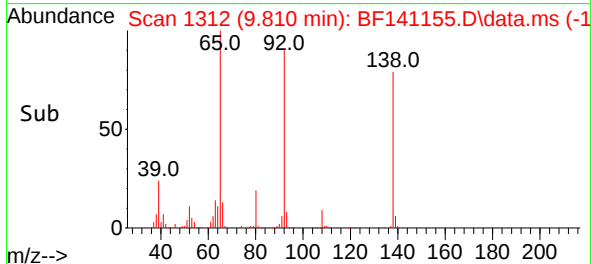
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:138 Resp: 14205
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 113.9 91.3 136.9

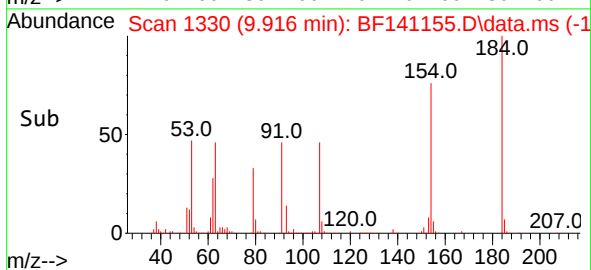
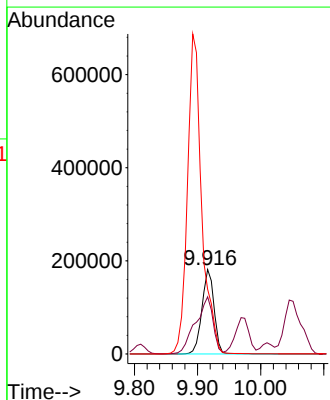
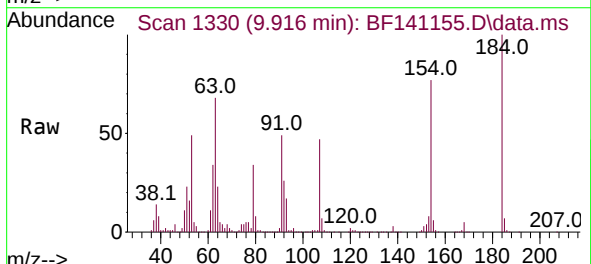
Manual Integrations
APPROVED

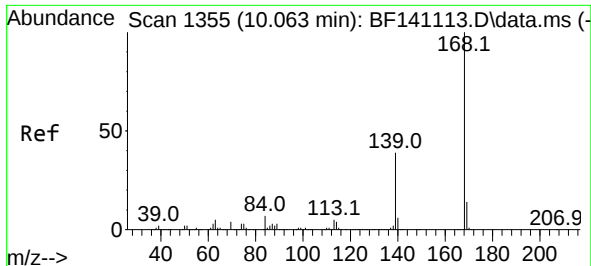
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#54
2,4-Dinitrophenol
Concen: 103.977 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

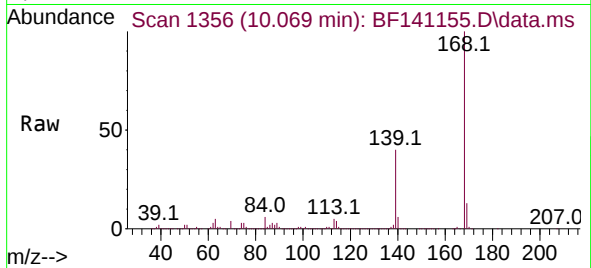
Tgt Ion:184 Resp: 242406
Ion Ratio Lower Upper
184 100
63 67.6 48.7 73.1
154 76.5 57.1 85.7





#55
Dibenzenofuran
Concen: 51.885 ng
RT: 10.069 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

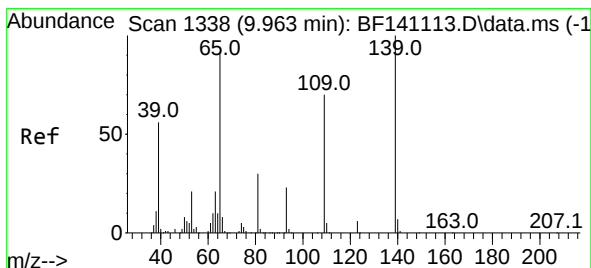
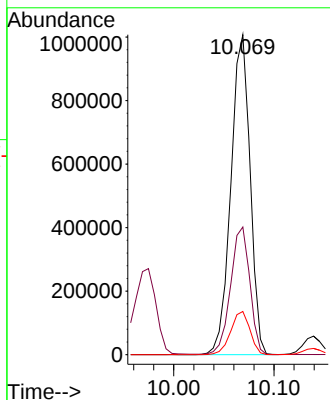
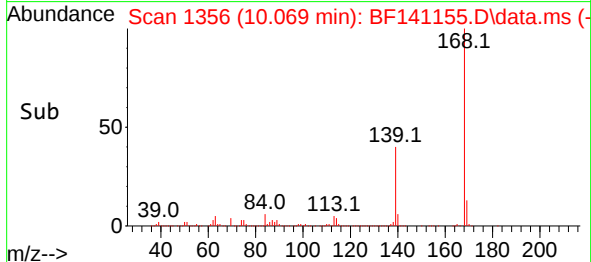
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:168 Resp: 133868
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.0
169 13.5 10.9 16.3

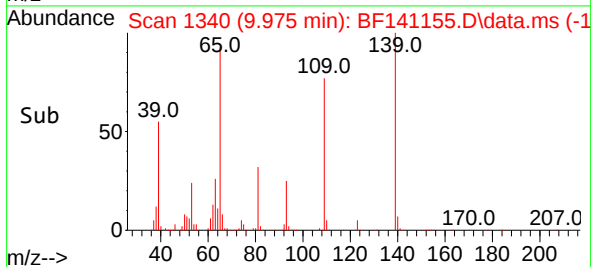
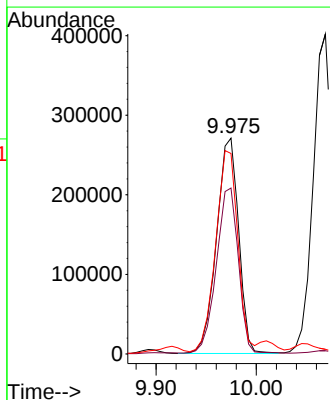
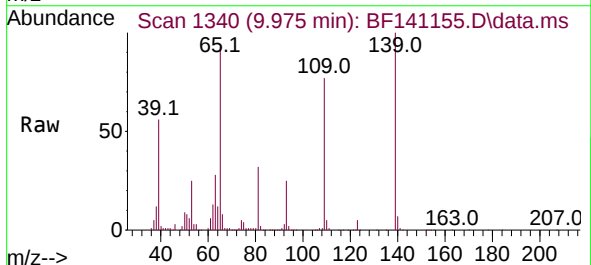
Manual Integrations
APPROVED

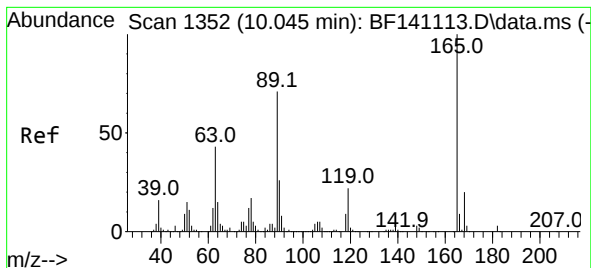
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#56
4-Nitrophenol
Concen: 106.012 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

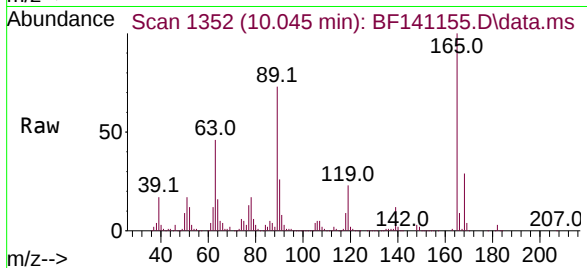
Tgt Ion:139 Resp: 413821
Ion Ratio Lower Upper
139 100
109 76.9 50.2 90.2
65 92.9 72.1 112.1





#57
2,4-Dinitrotoluene
Concen: 54.421 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

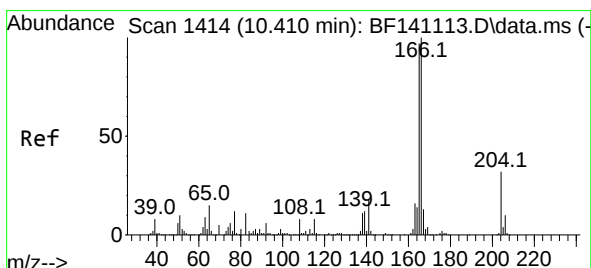
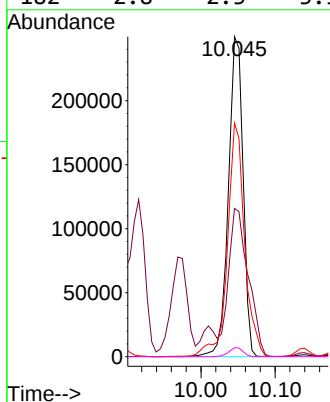
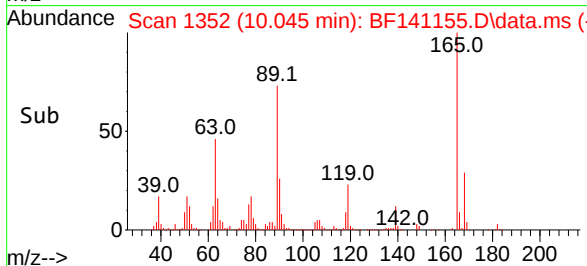
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



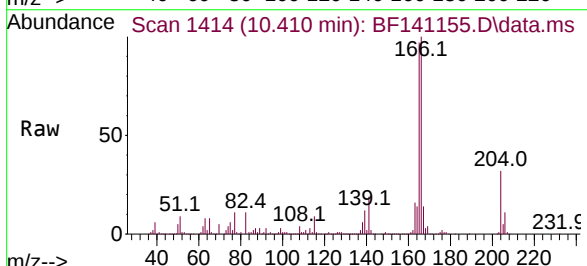
Tgt Ion:165 Resp: 343998
Ion Ratio Lower Upper
165 100
63 46.4 35.0 52.4
89 73.0 56.7 85.1
182 2.8 2.3 3.5

Manual Integrations
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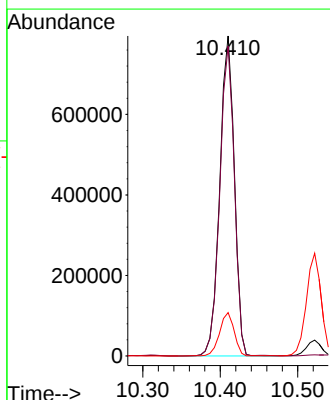
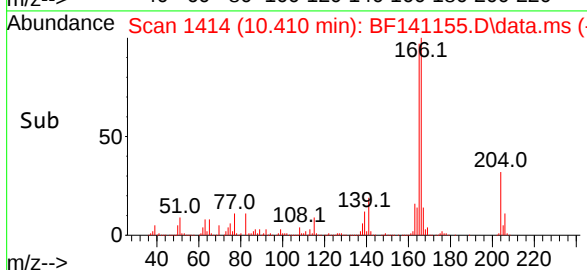
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#58
Fluorene
Concen: 51.883 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



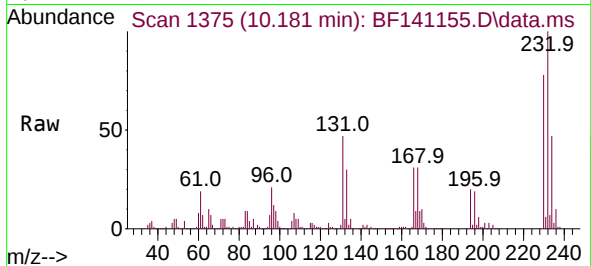
Tgt Ion:166 Resp: 1039986
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.8
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.337 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

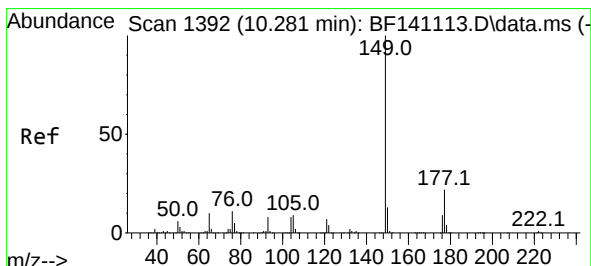
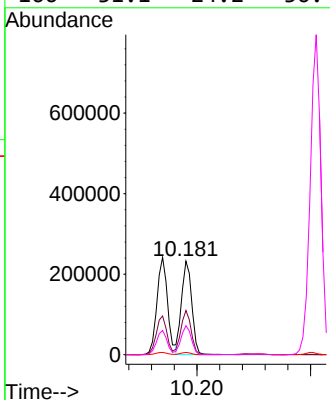
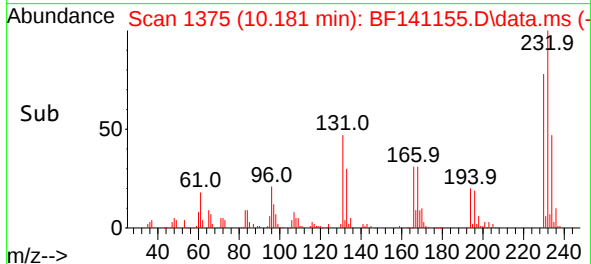
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



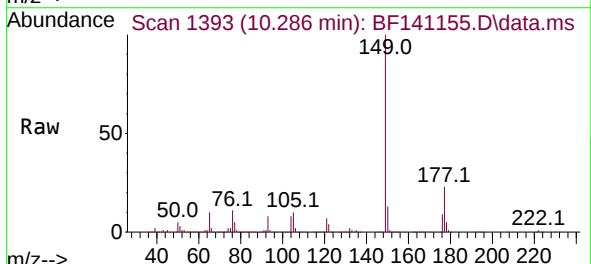
Tgt Ion:232 Resp: 29010
Ion Ratio Lower Upper
232 100
131 47.4 36.2 54.4
130 2.5 2.0 3.0
166 31.1 24.2 36.4

Manual Integrations
APPROVED

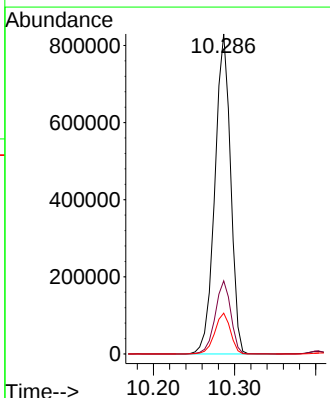
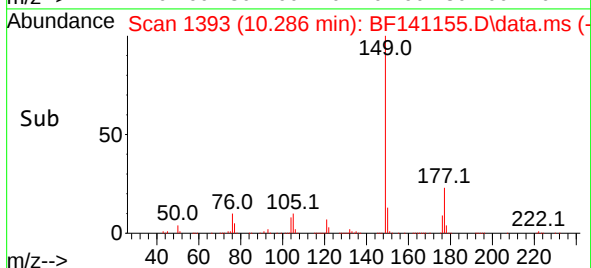
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

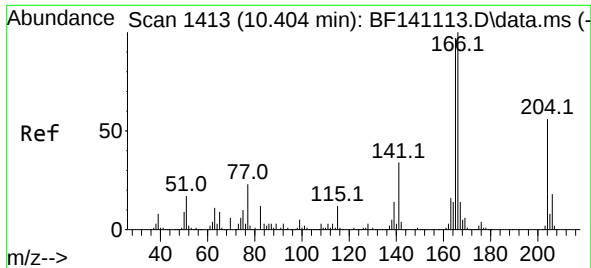


#60
Diethylphthalate
Concen: 54.286 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



Tgt Ion:149 Resp: 1117805
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.8 10.2 15.2





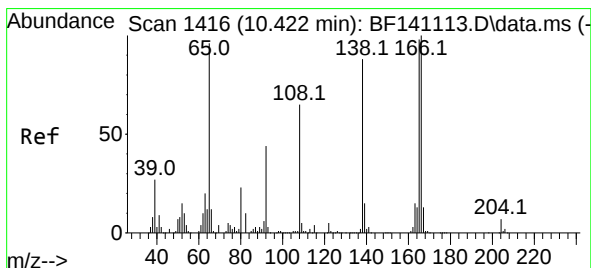
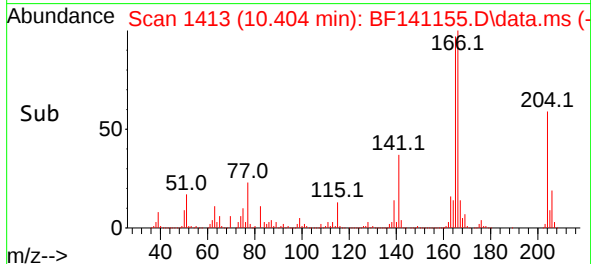
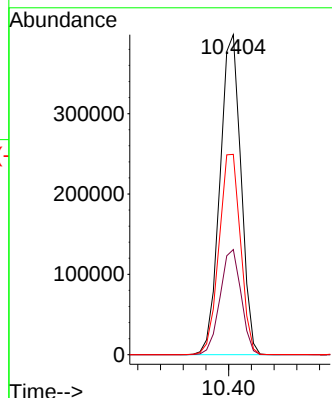
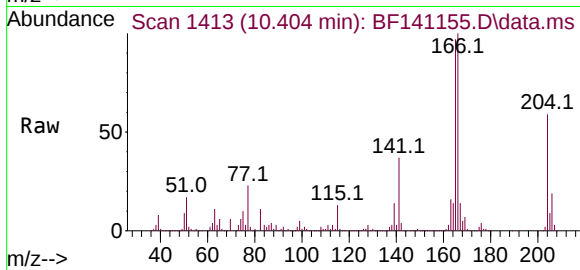
#61
4-Chlorophenyl-phenylether
Concen: 52.463 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:204 Resp: 51254
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 62.6 49.1 73.7

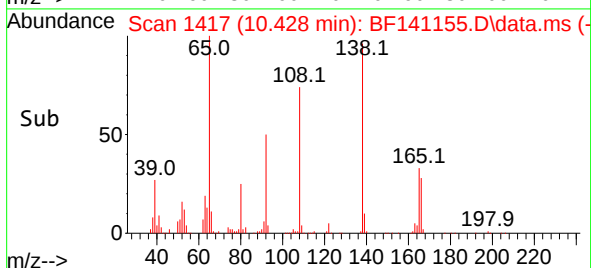
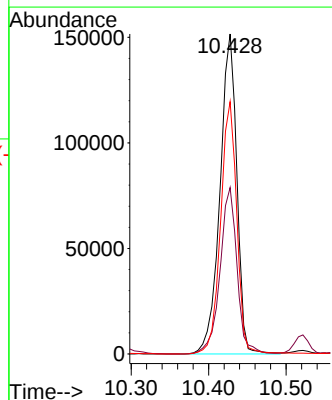
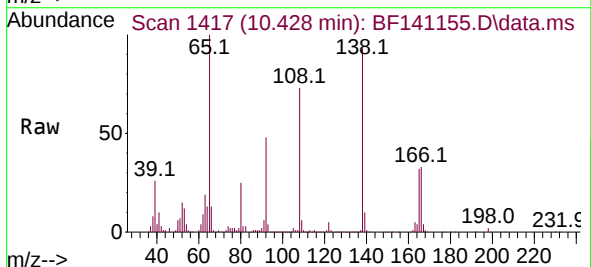
Manual Integrations
APPROVED

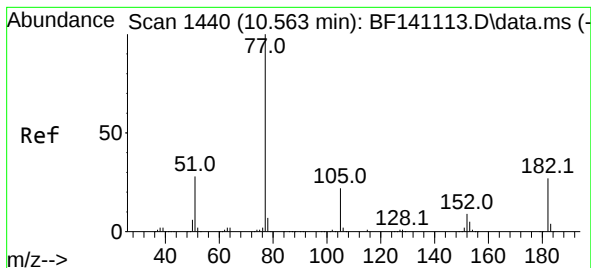
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#62
4-Nitroaniline
Concen: 47.035 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

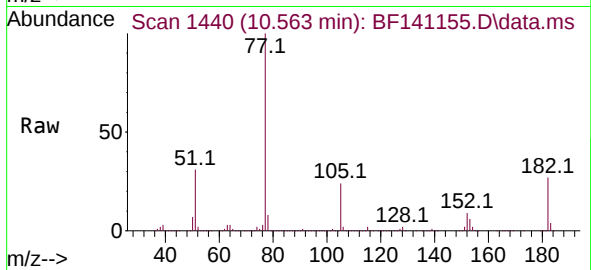
Tgt Ion:138 Resp: 229456
Ion Ratio Lower Upper
138 100
92 52.0 29.4 69.4
108 78.8 53.7 93.7





#63
Azobenzene
Concen: 55.505 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

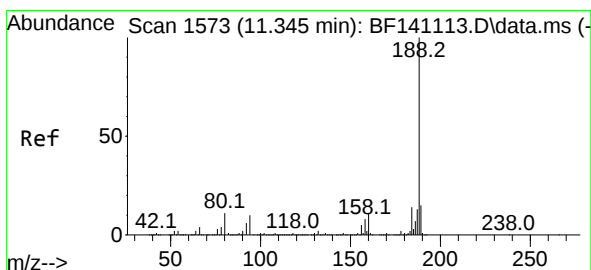
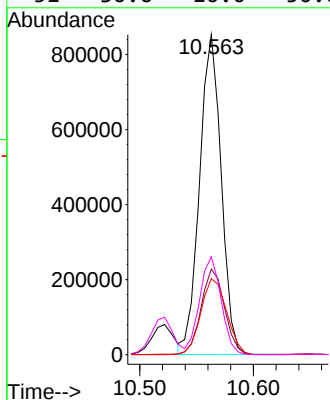
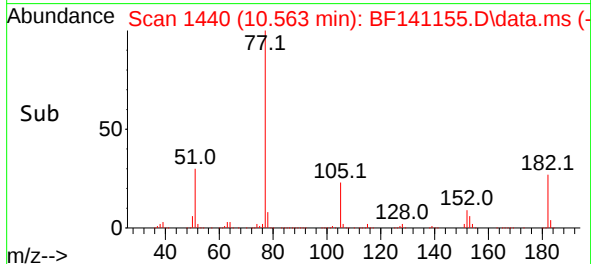
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



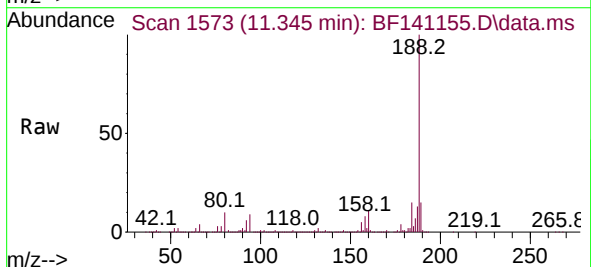
Tgt Ion: 77 Resp: 112772
Ion Ratio Lower Upper
77 100
182 26.8 6.1 46.1
105 23.7 2.1 42.1
51 30.6 10.0 50.0

Manual Integrations
APPROVED

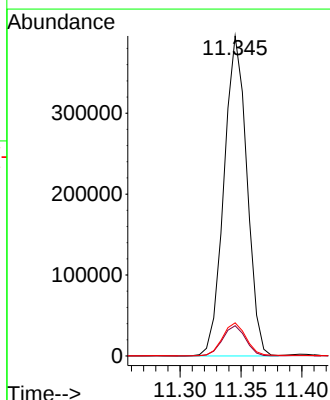
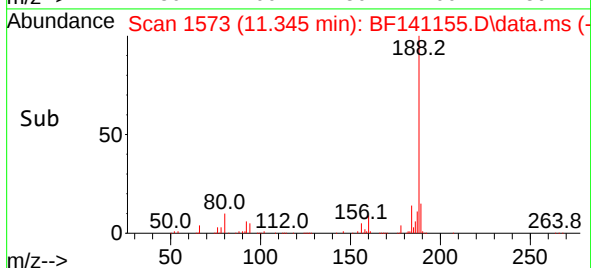
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

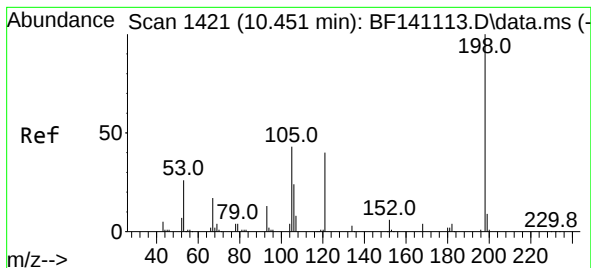


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



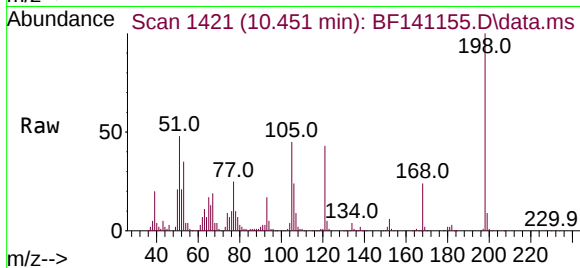
Tgt Ion:188 Resp: 517353
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 10.3 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 57.405 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

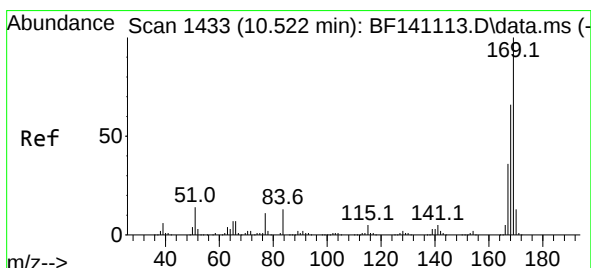
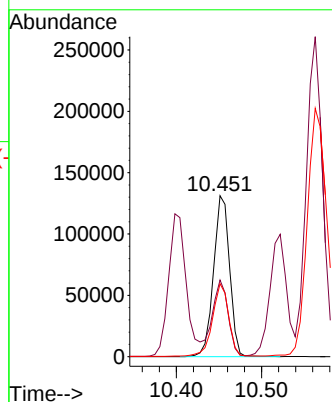
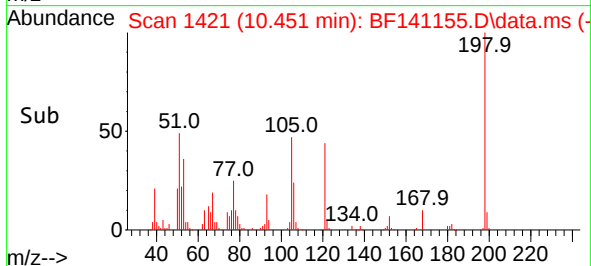
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



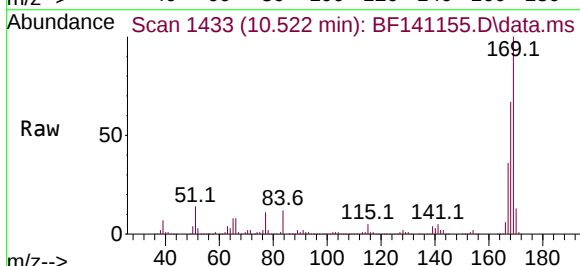
Tgt Ion:198 Resp: 172090
Ion Ratio Lower Upper
198 100
51 47.7 27.1 67.1
105 45.3 24.2 64.2

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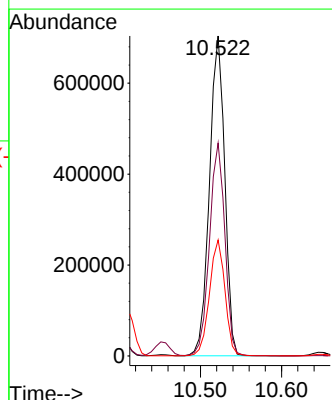
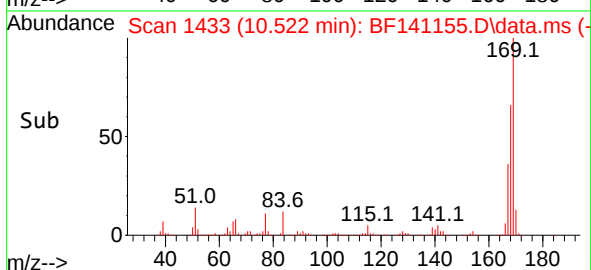
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

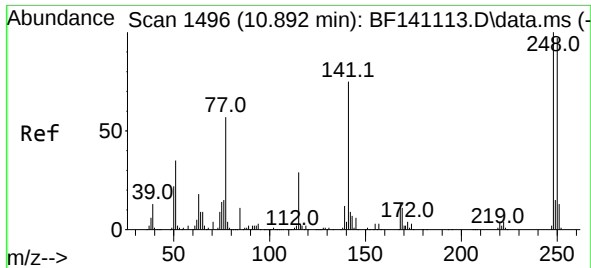


#66
n-Nitrosodiphenylamine
Concen: 55.018 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



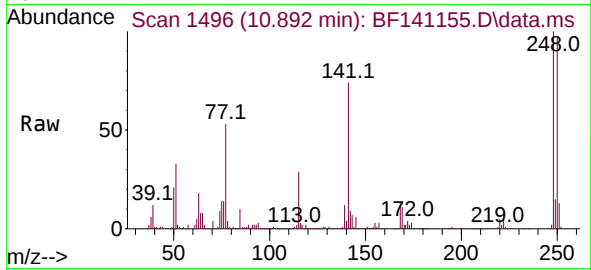
Tgt Ion:169 Resp: 918082
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 36.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 56.492 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

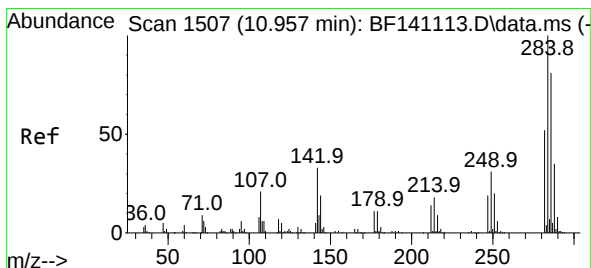
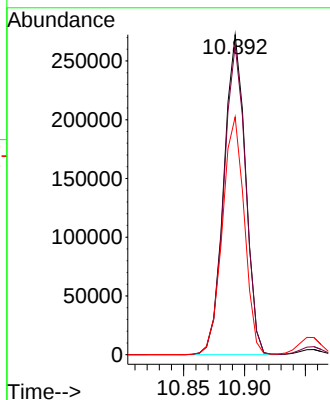
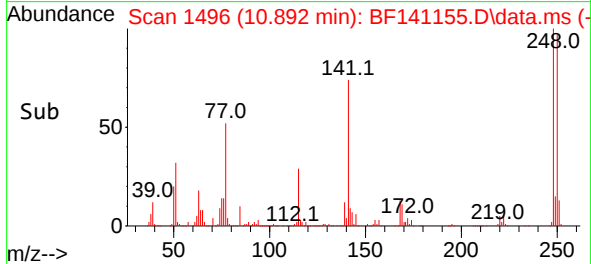
Instrument :
BNA_F
ClientSampleId :
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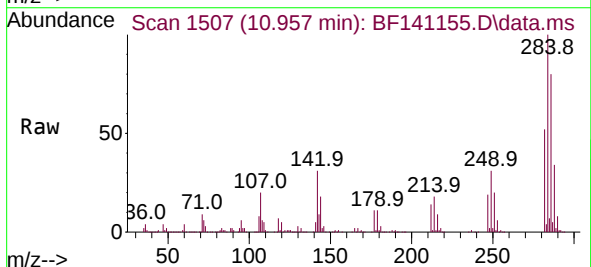
Tgt Ion:248 Resp: 336484
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 74.3 59.9 89.9

Manual Integrations
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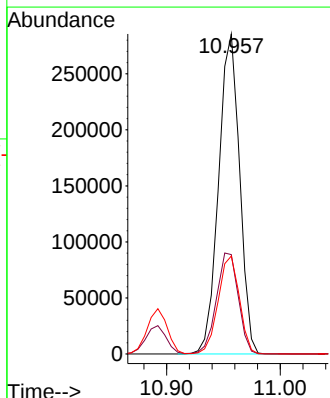
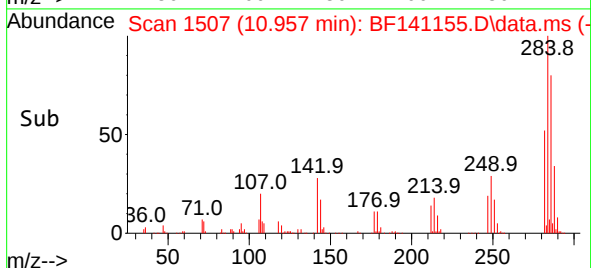
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

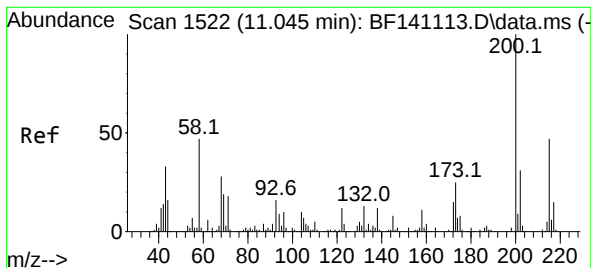


#68
Hexachlorobenzene
Concen: 55.289 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



Tgt Ion:284 Resp: 366593
Ion Ratio Lower Upper
284 100
142 31.1 26.3 39.5
249 30.6 24.9 37.3





#69

Atrazine

Concen: 69.611 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:200 Resp: 31276

Ion Ratio Lower Upper

200 100

173 25.3 5.4 45.4

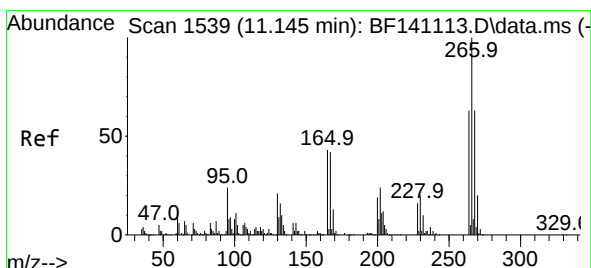
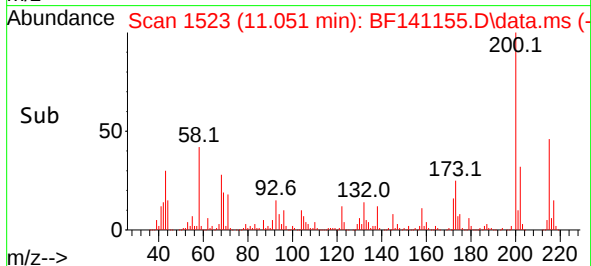
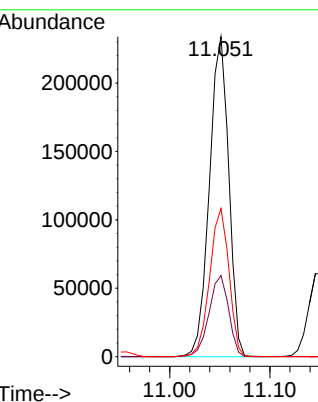
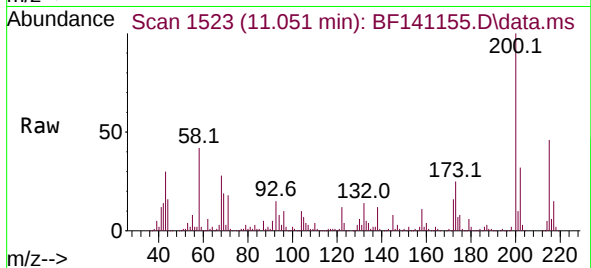
215 46.3 26.6 66.6

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#70

Pentachlorophenol

Concen: 105.281 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

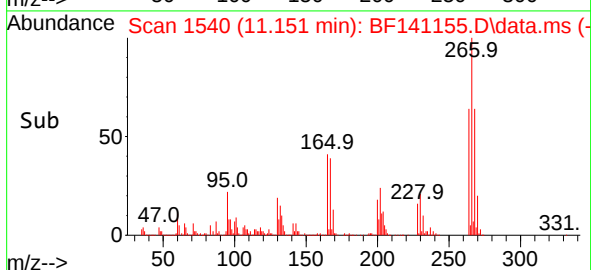
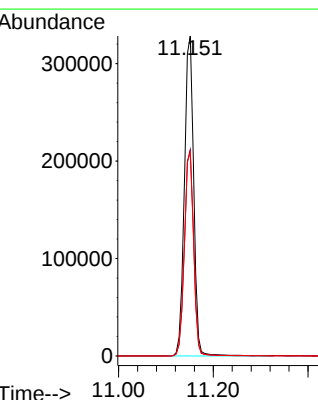
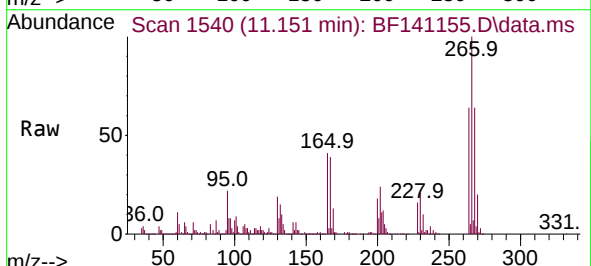
Tgt Ion:266 Resp: 447040

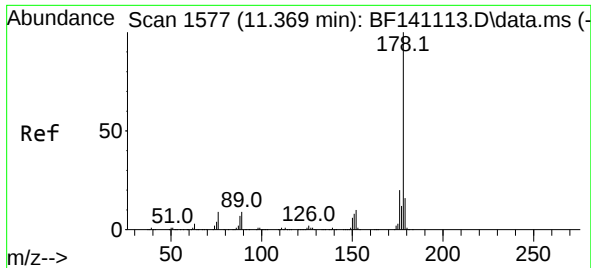
Ion Ratio Lower Upper

266 100

268 64.4 50.4 75.6

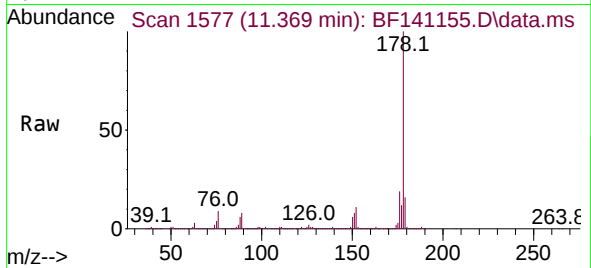
264 63.6 50.2 75.2





#71
Phenanthrene
Concen: 55.159 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

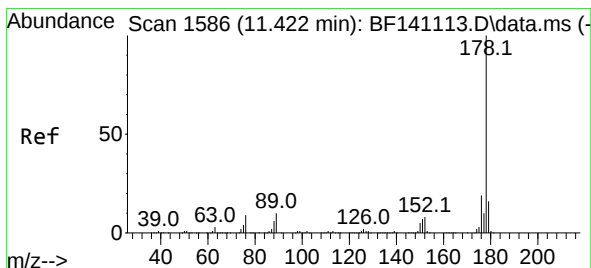
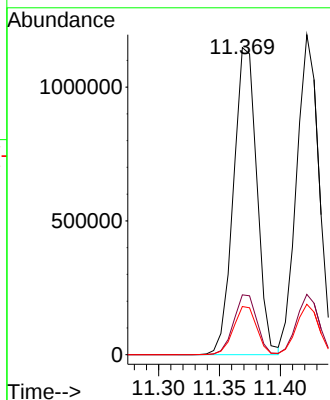
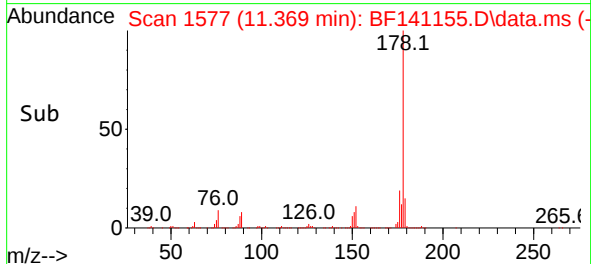
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



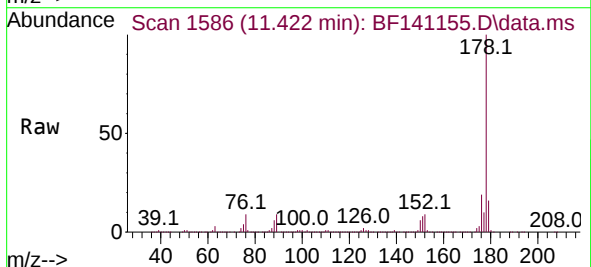
Tgt Ion:178 Resp: 1532033
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.7 12.6 19.0

Manual Integrations
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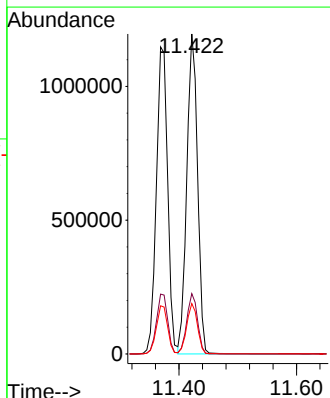
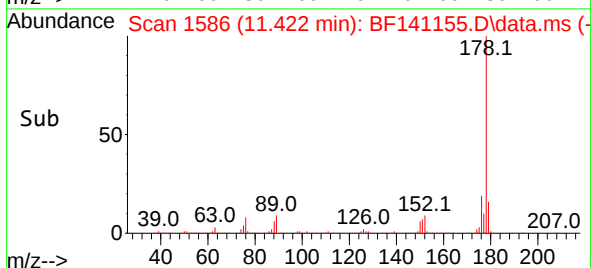
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

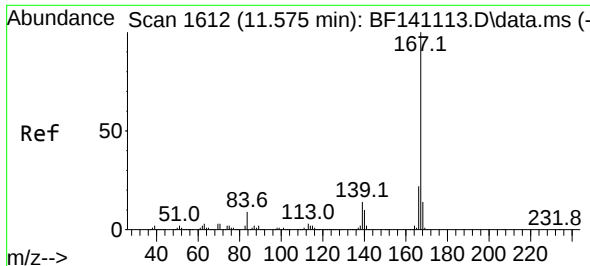


#72
Anthracene
Concen: 56.371 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



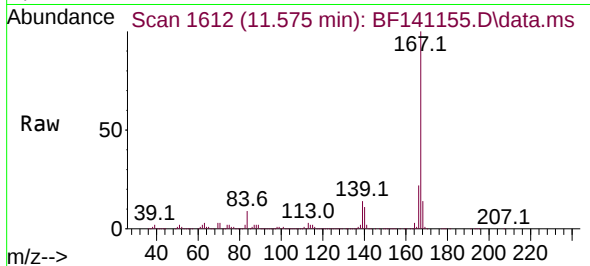
Tgt Ion:178 Resp: 1522421
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 51.986 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF141155.D
 Acq: 14 Jan 2025 19:30

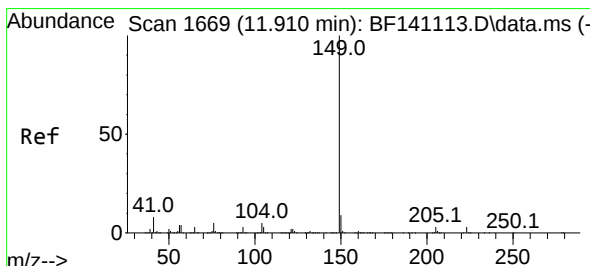
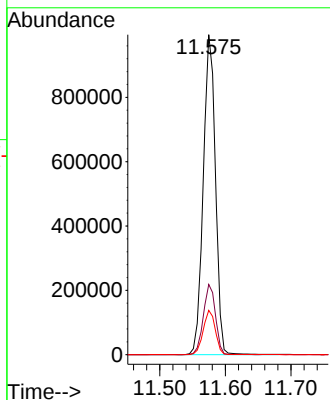
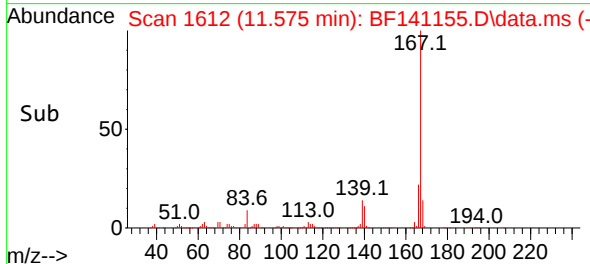
Instrument :
 BNA_F
 ClientSampleId :
 HACKENSACK-DGAMS



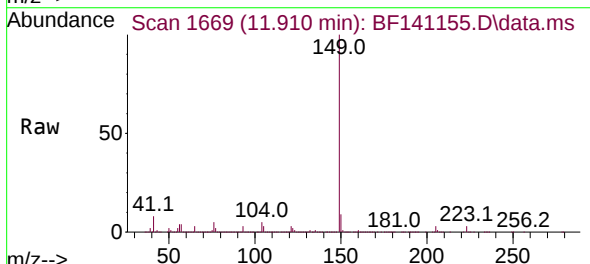
Tgt Ion:167 Resp: 1287360
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.8 10.9 16.3

Manual Integrations
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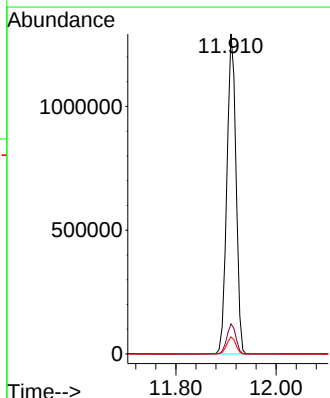
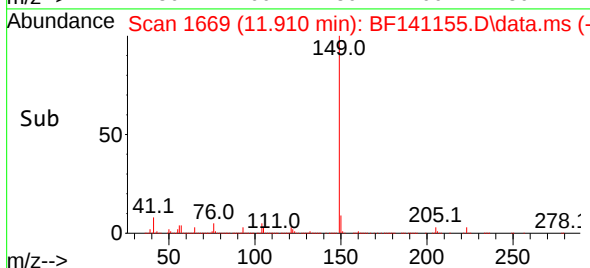
Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Jagrut Upadhyay 01/15/2025

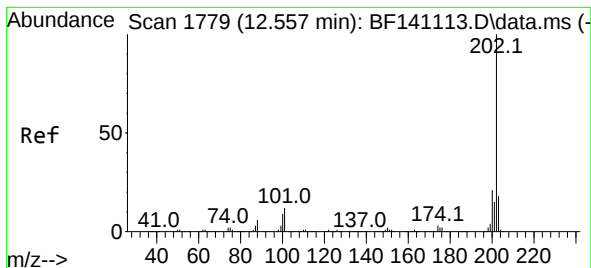


#74
 Di-n-butylphthalate
 Concen: 57.753 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF141155.D
 Acq: 14 Jan 2025 19:30



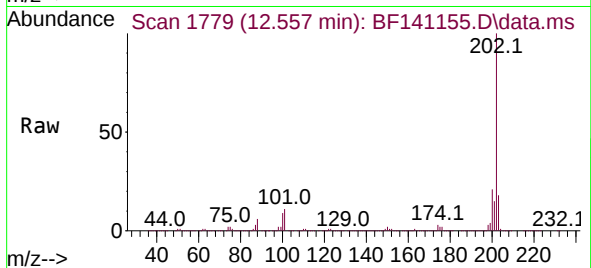
Tgt Ion:149 Resp: 1636720
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.4 4.2 6.2





#75
Fluoranthene
Concen: 52.658 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

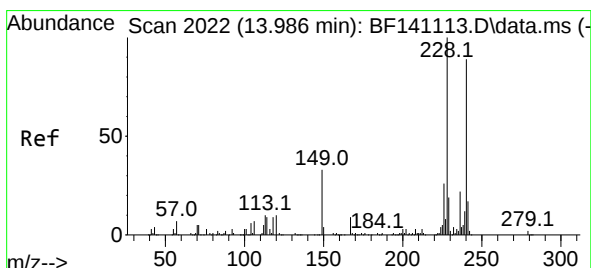
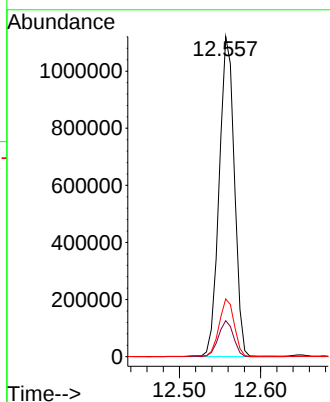
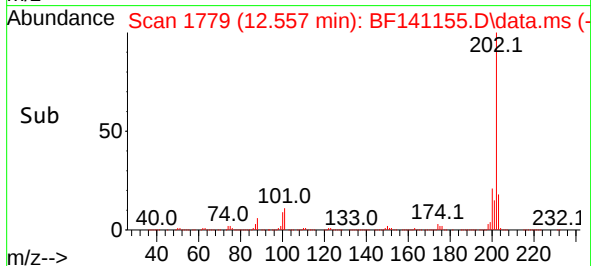
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



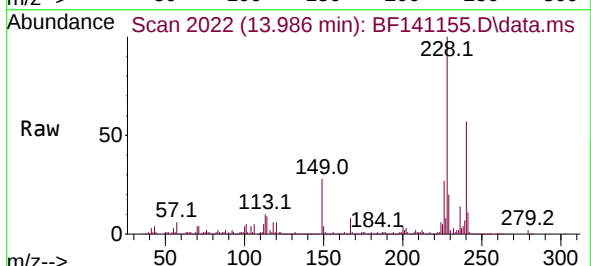
Tgt Ion:202 Resp: 145952
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.3
203 18.0 0.0 37.7

Manual Integrations
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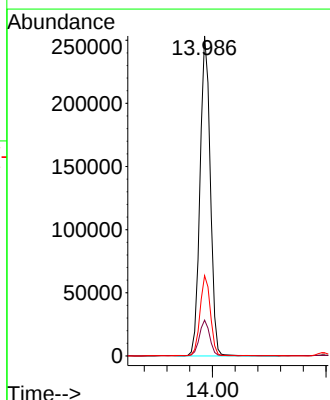
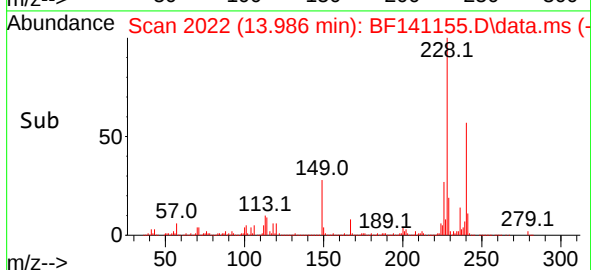
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

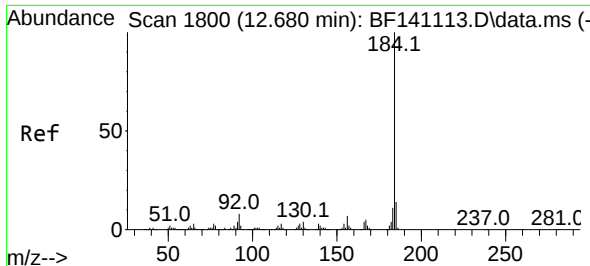


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



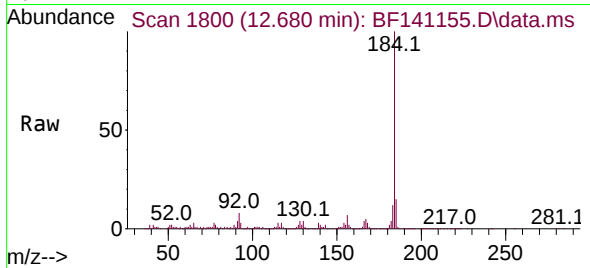
Tgt Ion:240 Resp: 318547
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 25.1 19.8 29.6





#77
Benzidine
Concen: 62.897 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

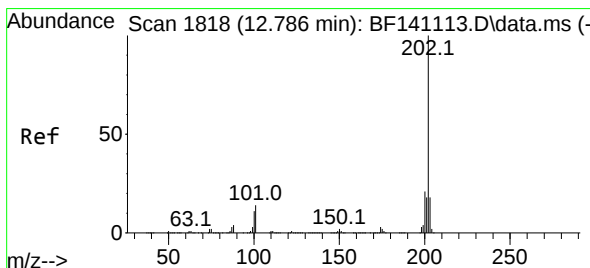
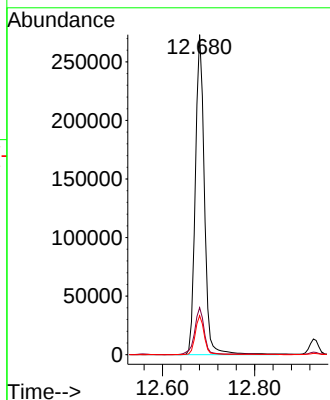
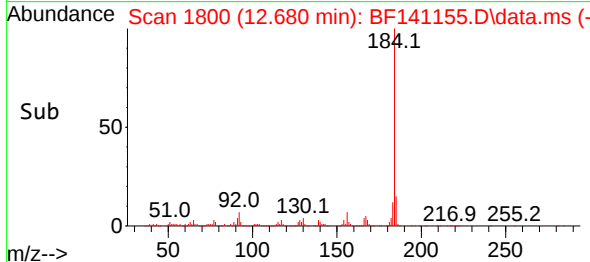
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:184 Resp: 37154
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.0
183 12.2 9.2 13.8

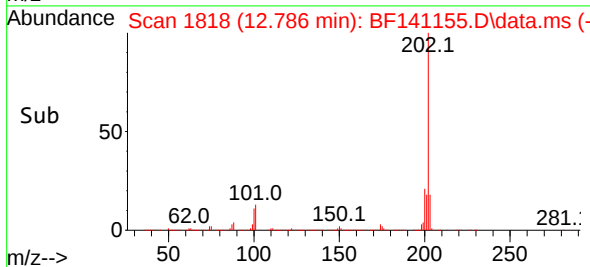
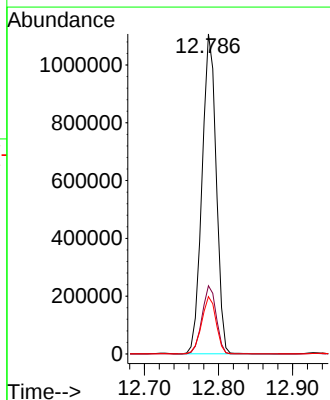
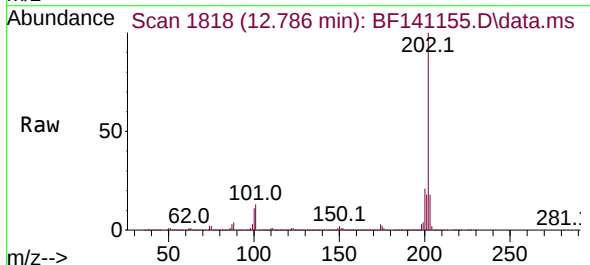
Manual Integrations
APPROVED

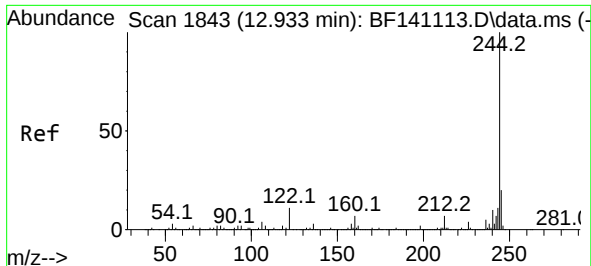
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#78
Pyrene
Concen: 48.349 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

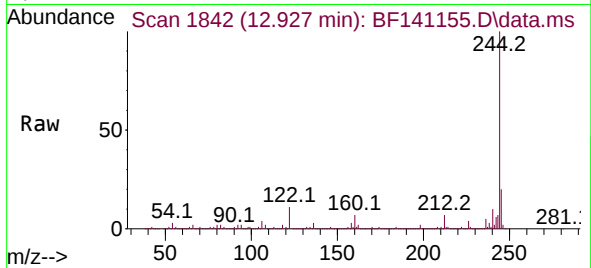
Tgt Ion:202 Resp: 1471050
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.9 14.3 21.5





#79
Terphenyl-d14
Concen: 59.492 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

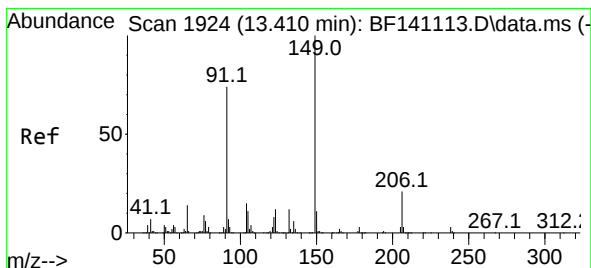
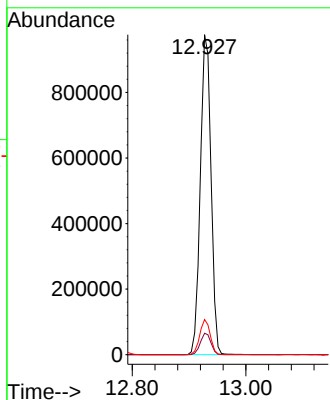
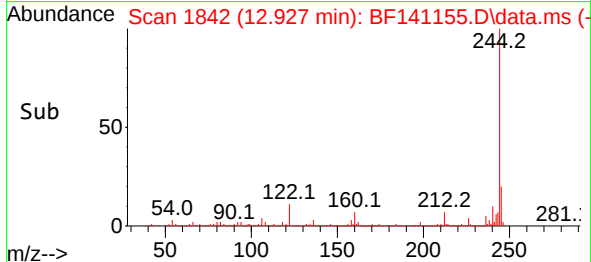
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



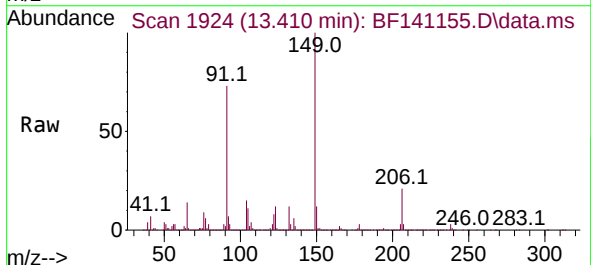
Tgt Ion:244 Resp: 127505
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 11.0 8.8 13.2

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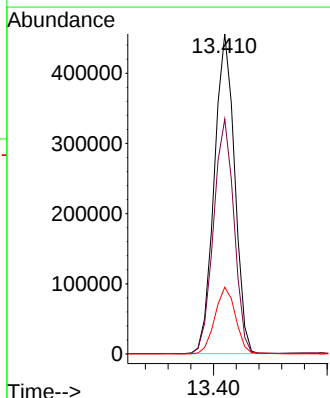
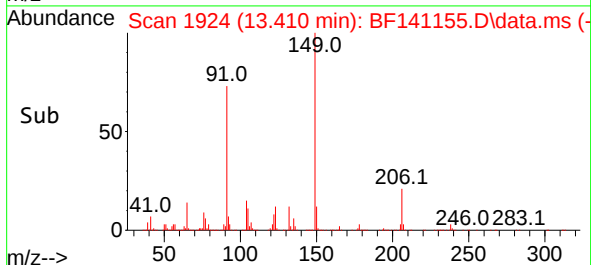
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

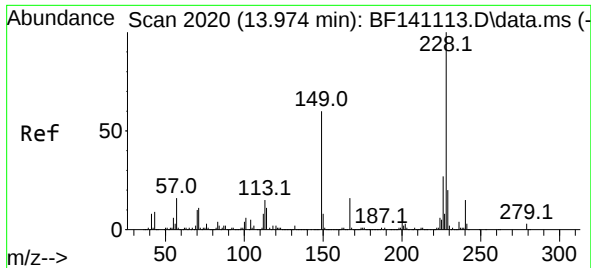


#80
Butylbenzylphthalate
Concen: 55.988 ng
RT: 13.410 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



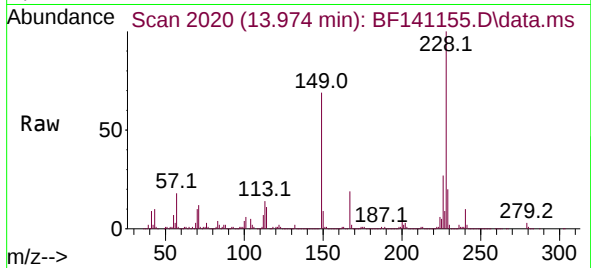
Tgt Ion:149 Resp: 567947
Ion Ratio Lower Upper
149 100
91 73.4 59.0 88.6
206 20.9 16.5 24.7





#81
Benzo(a)anthracene
Concen: 54.623 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

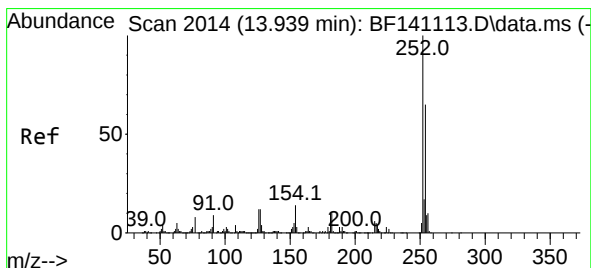
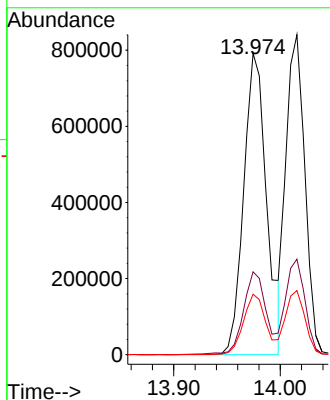
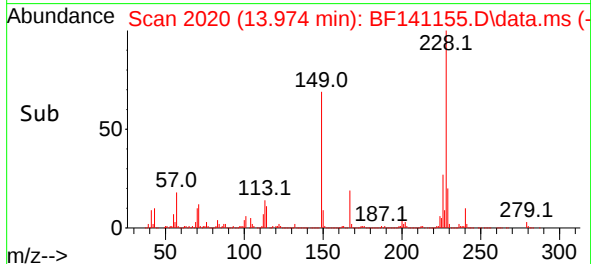
Instrument :
BNA_F
ClientSampleId :
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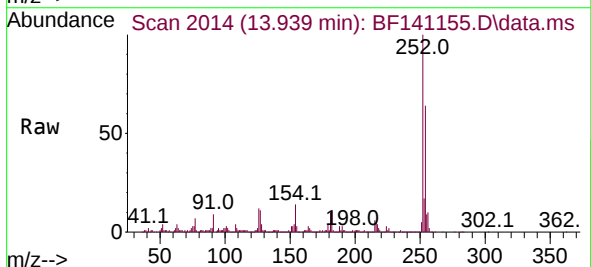
Tgt Ion:228 Resp: 118416
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.0 15.7 23.5

Manual Integrations
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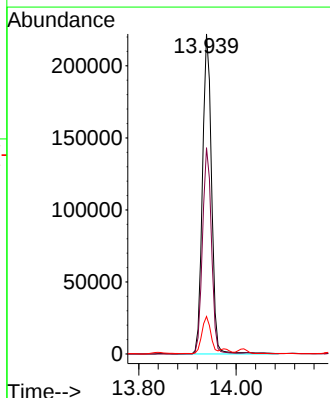
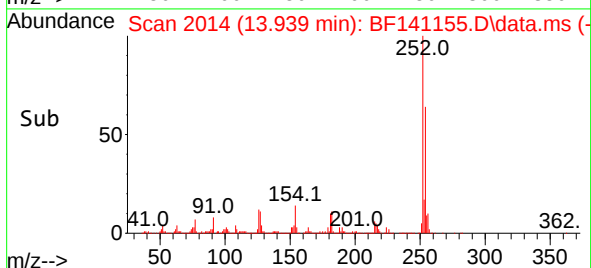
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

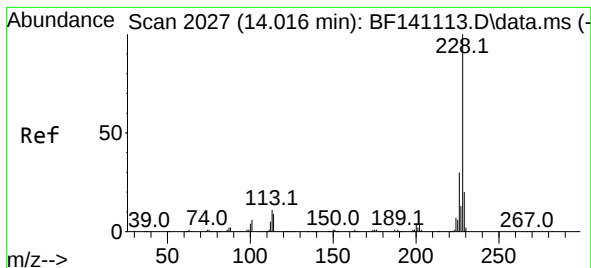


#82
3,3'-Dichlorobenzidine
Concen: 41.549 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



Tgt Ion:252 Resp: 286811
Ion Ratio Lower Upper
252 100
254 64.4 52.0 78.0
126 11.7 9.4 14.0





#83

Chrysene

Concen: 50.763 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

Instrument :

BNA_F

ClientSampleId :

HACKENSACK-DGAMS

Tgt Ion:228 Resp: 102972

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

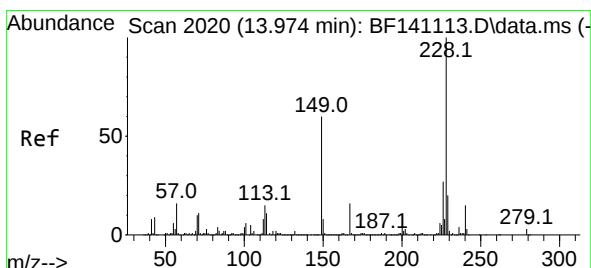
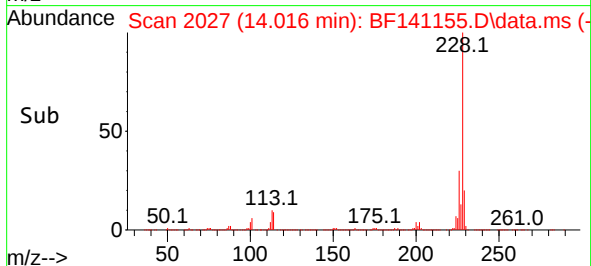
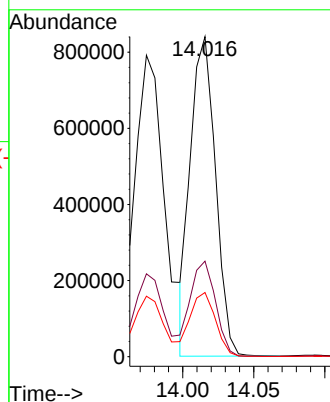
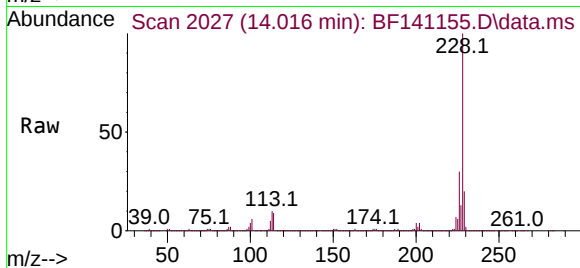
229 20.1 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.860 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

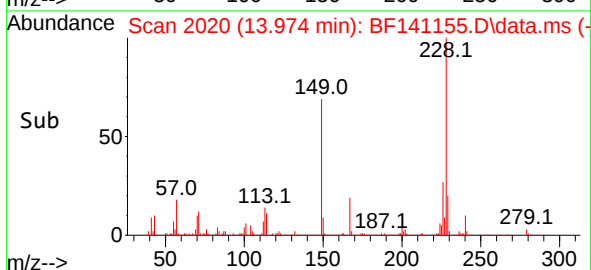
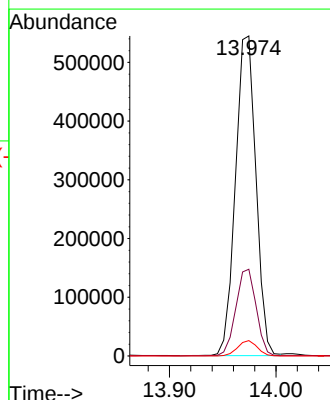
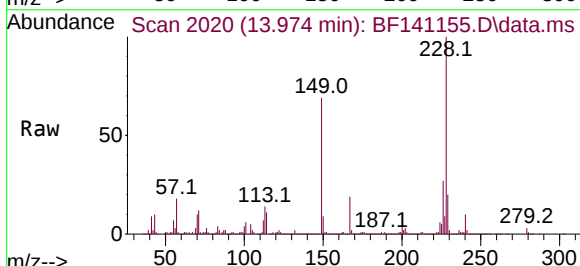
Tgt Ion:149 Resp: 728582

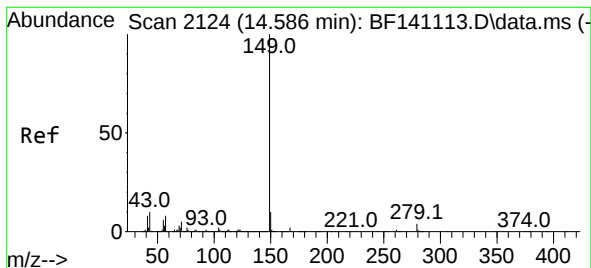
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.2

279 4.8 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 65.772 ng

RT: 14.592 min Scan# 2124

Delta R.T. 0.006 min

Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:149 Resp: 1208869

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

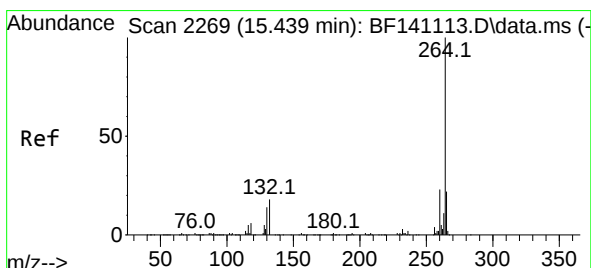
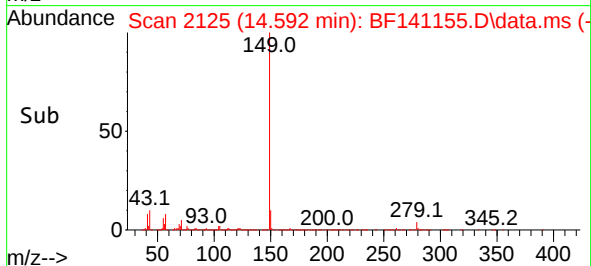
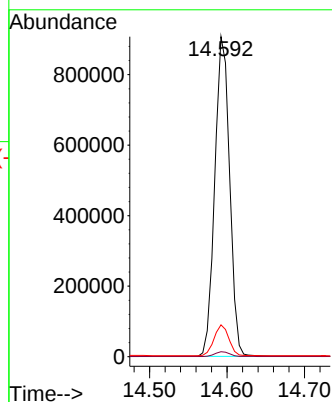
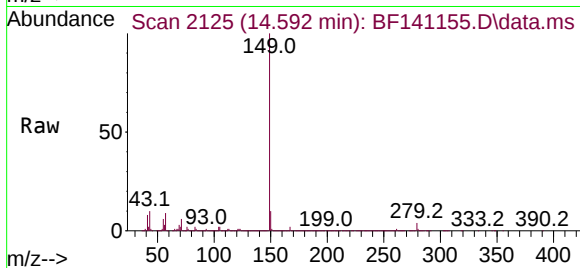
43 9.7 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Jagrut Upadhyay 01/15/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF141155.D

Acq: 14 Jan 2025 19:30

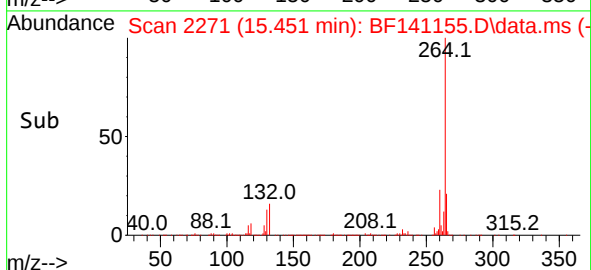
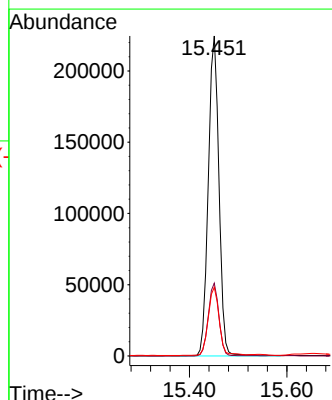
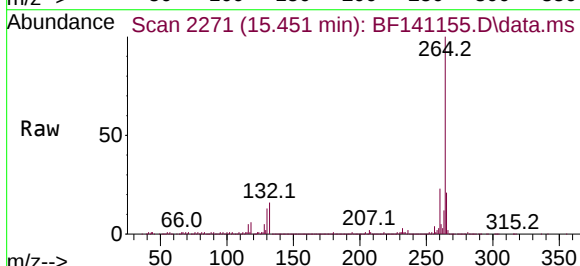
Tgt Ion:264 Resp: 339877

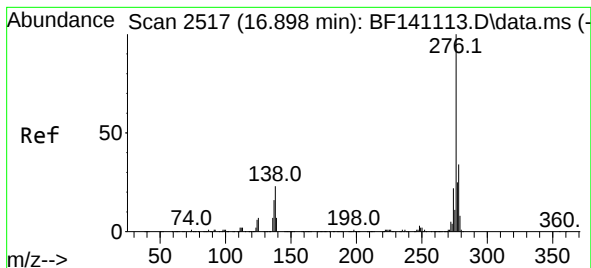
Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

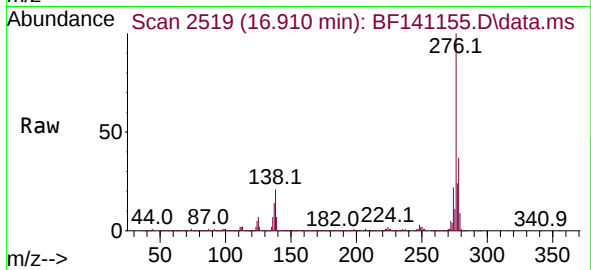
265 21.5 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.661 ng
RT: 16.910 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

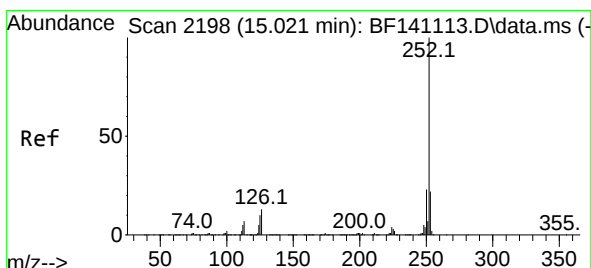
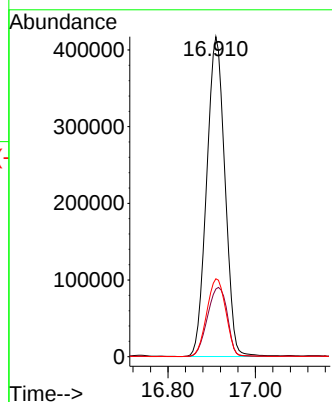
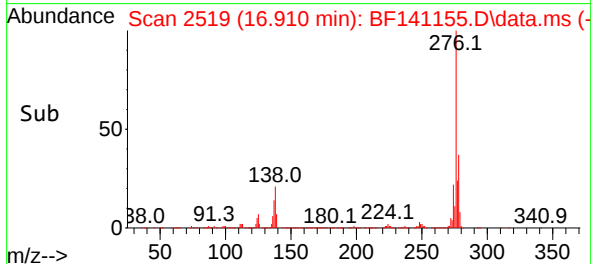
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



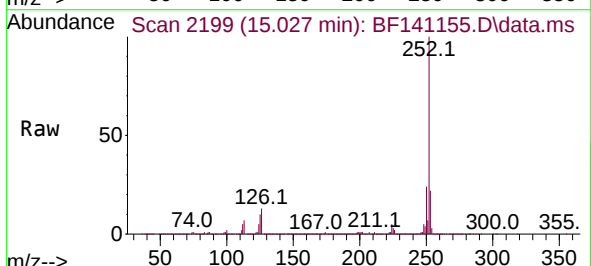
Tgt Ion:276 Resp: 1211680
Ion Ratio Lower Upper
276 100
138 23.7 20.7 31.1
277 25.5 20.6 30.8

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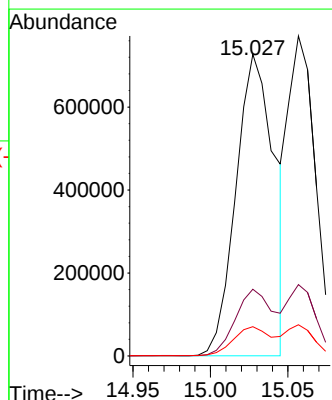
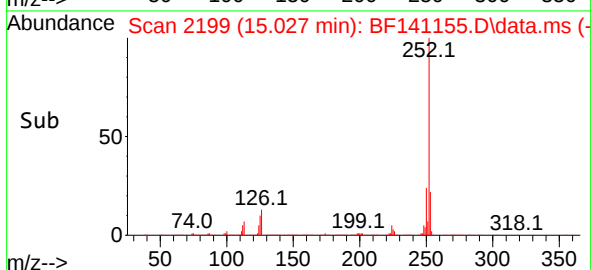
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

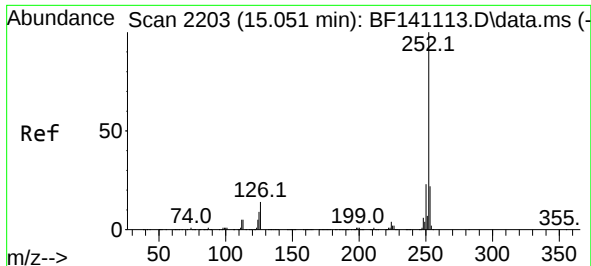


#88
Benzo(b)fluoranthene
Concen: 57.163 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30



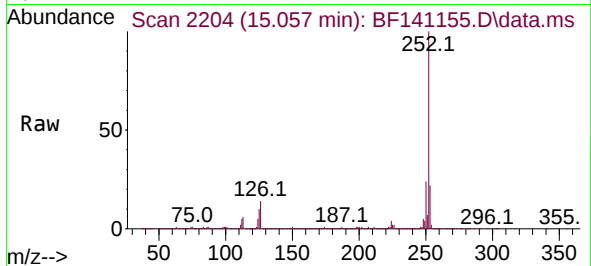
Tgt Ion:252 Resp: 1252812
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.7 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 50.824 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

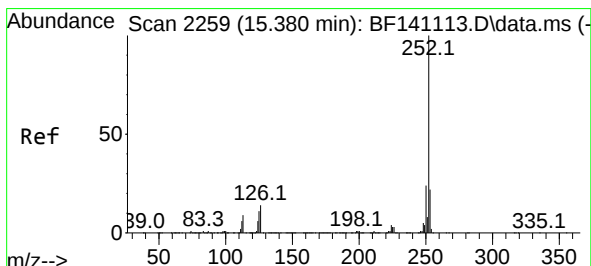
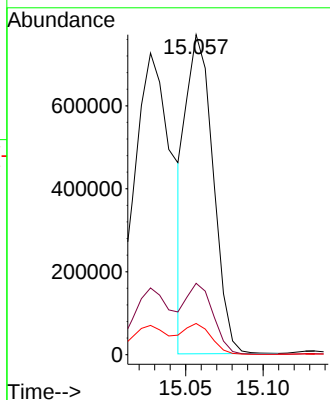
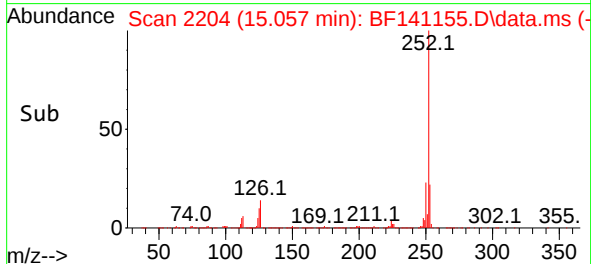
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:252 Resp: 941332
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.7 7.9 11.9

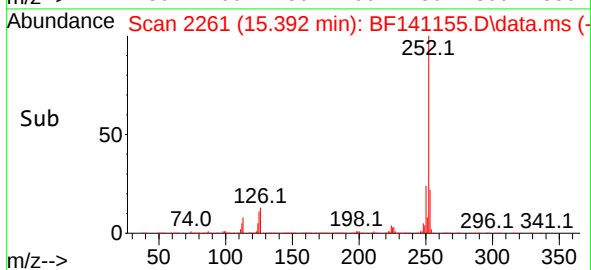
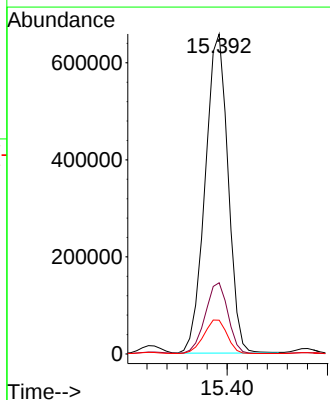
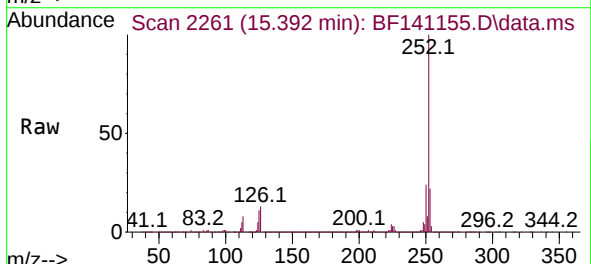
Manual Integrations
APPROVED

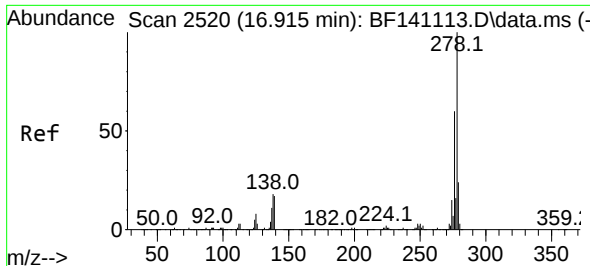
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#90
Benzo(a)pyrene
Concen: 57.647 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.012 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

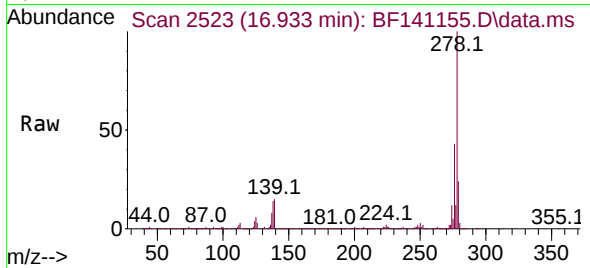
Tgt Ion:252 Resp: 1042377
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.6 9.1 13.7





#91
Dibenzo(a,h)anthracene
Concen: 47.856 ng
RT: 16.933 min Scan# 2520
Delta R.T. 0.018 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

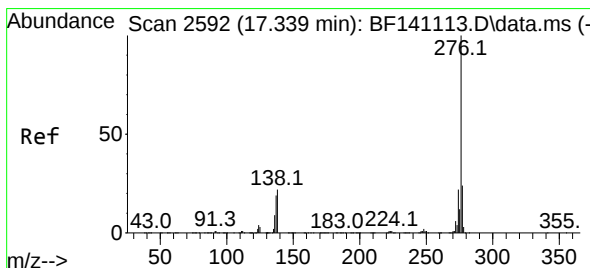
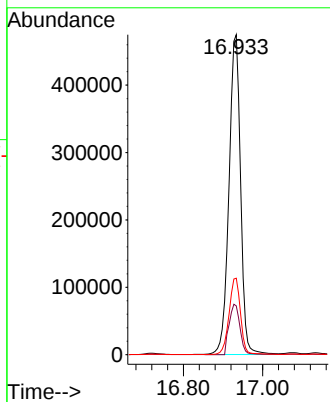
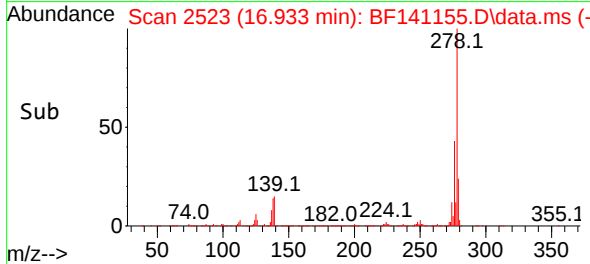
Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS



Tgt Ion:278 Resp: 96380
Ion Ratio Lower Upper
278 100
139 15.2 13.8 20.6
279 23.9 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025



#92
Benzo(g,h,i)perylene
Concen: 42.327 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF141155.D
Acq: 14 Jan 2025 19:30

Tgt Ion:276 Resp: 886683
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 20.0 17.4 26.2

