

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142032.D
 Acq On : 21 Mar 2025 16:21
 Operator : RC/JU
 Sample : Q1619-09MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025

Quant Time: Mar 21 16:49:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	138871	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	533642	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	287013	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	449886	20.000	ng	0.00
76) Chrysene-d12	14.039	240	279718	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	329737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	643421	77.327	ng	0.00
7) Phenol-d6	6.498	99	878405	82.914	ng	0.00
23) Nitrobenzene-d5	7.434	82	561624	59.227	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	244579	67.171	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1105944	58.601	ng	-0.01
79) Terphenyl-d14	12.980	244	992229	52.444	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	162405	46.582	ng	98
3) Pyridine	3.475	79	356654	41.704	ng	99
4) n-Nitrosodimethylamine	3.422	42	172902	42.413	ng	96
6) Aniline	6.534	93	263467	25.209	ng	98
8) 2-Chlorophenol	6.657	128	418967	45.400	ng	99
9) Benzaldehyde	6.422	77	107698	18.177	ng	99
10) Phenol	6.516	94	492276	44.168	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	369934	44.203	ng	97
12) 1,3-Dichlorobenzene	6.816	146	458658	46.036	ng	98
13) 1,4-Dichlorobenzene	6.892	146	464234	46.053	ng	99
14) 1,2-Dichlorobenzene	7.045	146	442418	46.596	ng	98
15) Benzyl Alcohol	7.010	79	361908	42.255	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	413540	40.930	ng	98
17) 2-Methylphenol	7.122	107	329408	44.894	ng	99
18) Hexachloroethane	7.387	117	172044	45.513	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	272929	40.093	ng	99
20) 3+4-Methylphenols	7.275	107	411532	43.787	ng	# 85
22) Acetophenone	7.281	105	625098	48.914	ng	98
24) Nitrobenzene	7.451	77	427221	45.320	ng	99
25) Isophorone	7.692	82	765384	45.662	ng	100
26) 2-Nitrophenol	7.769	139	223524	48.312	ng	98
27) 2,4-Dimethylphenol	7.804	122	347124	54.487	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	464565	44.188	ng	99
29) 2,4-Dichlorophenol	8.010	162	352425	44.568	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	401357	46.057	ng	98
31) Naphthalene	8.181	128	1225504	44.706	ng	100
32) Benzoic acid	7.875	122	92221	16.468	ng	97
33) 4-Chloroaniline	8.222	127	149760	15.476	ng	98
34) Hexachlorobutadiene	8.292	225	271150	47.711	ng	99
35) Caprolactam	8.586	113	96479m	40.019	ng	
36) 4-Chloro-3-methylphenol	8.704	107	374923	42.503	ng	98
37) 2-Methylnaphthalene	8.869	142	773443	42.212	ng	99
38) 1-Methylnaphthalene	8.969	142	761794	43.085	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	464171	53.119	ng	99
41) Hexachlorocyclopentadiene	9.022	237	542258	158.562	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	262735	46.006	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	275390	47.612	ng	99
46) 1,1'-Biphenyl	9.333	154	1119369	51.329	ng	99
47) 2-Chloronaphthalene	9.357	162	755810	46.499	ng	99
48) 2-Nitroaniline	9.451	65	214754	45.631	ng	99
49) Acenaphthylene	9.775	152	1165157	48.305	ng	100
50) Dimethylphthalate	9.633	163	895675	44.564	ng	100
51) 2,6-Dinitrotoluene	9.692	165	194878	46.568	ng	94
52) Acenaphthene	9.945	154	815935	48.135	ng	100
53) 3-Nitroaniline	9.857	138	103816	24.457	ng	100
54) 2,4-Dinitrophenol	9.969	184	127526	55.801	ng	# 48
55) Dibenzofuran	10.116	168	1067059	44.055	ng	99
56) 4-Nitrophenol	10.022	139	273919	85.568	ng	97
57) 2,4-Dinitrotoluene	10.098	165	261243	47.797	ng	97
58) Fluorene	10.463	166	842272	45.093	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	228205	43.358	ng	98
60) Diethylphthalate	10.333	149	875974	43.709	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	438773	45.057	ng	97
62) 4-Nitroaniline	10.475	138	162615	39.349	ng	98
63) Azobenzene	10.610	77	829033	44.494	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	105407	39.302	ng	98
66) n-Nitrosodiphenylamine	10.569	169	710587	48.809	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	276011	48.851	ng	99
68) Hexachlorobenzene	11.010	284	313211	50.544	ng	93
69) Atrazine	11.092	200	268438	60.147	ng	99
70) Pentachlorophenol	11.198	266	308058	80.685	ng	99
71) Phenanthrene	11.422	178	1321815	54.396	ng	100
72) Anthracene	11.475	178	1194884	49.013	ng	100
73) Carbazole	11.627	167	944706	44.933	ng	100
74) Di-n-butylphthalate	11.957	149	1233741	44.224	ng	100
75) Fluoranthene	12.610	202	1334642	51.778	ng	100
77) Benzidine	12.727	184	226922	58.146	ng	100
78) Pyrene	12.839	202	1272063	52.573	ng	99
80) Butylbenzylphthalate	13.457	149	408585	43.144	ng	97
81) Benzo(a)anthracene	14.027	228	985416	53.686	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	148504	27.996	ng	100
83) Chrysene	14.063	228	861906	51.802	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	555814	42.566	ng	100
85) Di-n-octyl phthalate	14.627	149	935501	51.491	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1081142	50.686	ng	98
88) Benzo(b)fluoranthene	15.080	252	1064459	47.103	ng	100
89) Benzo(k)fluoranthene	15.110	252	936795	48.440	ng	99
90) Benzo(a)pyrene	15.451	252	957883	54.171	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	840086	47.735	ng	99
92) Benzo(g,h,i)perylene	17.456	276	831254	47.797	ng	98

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

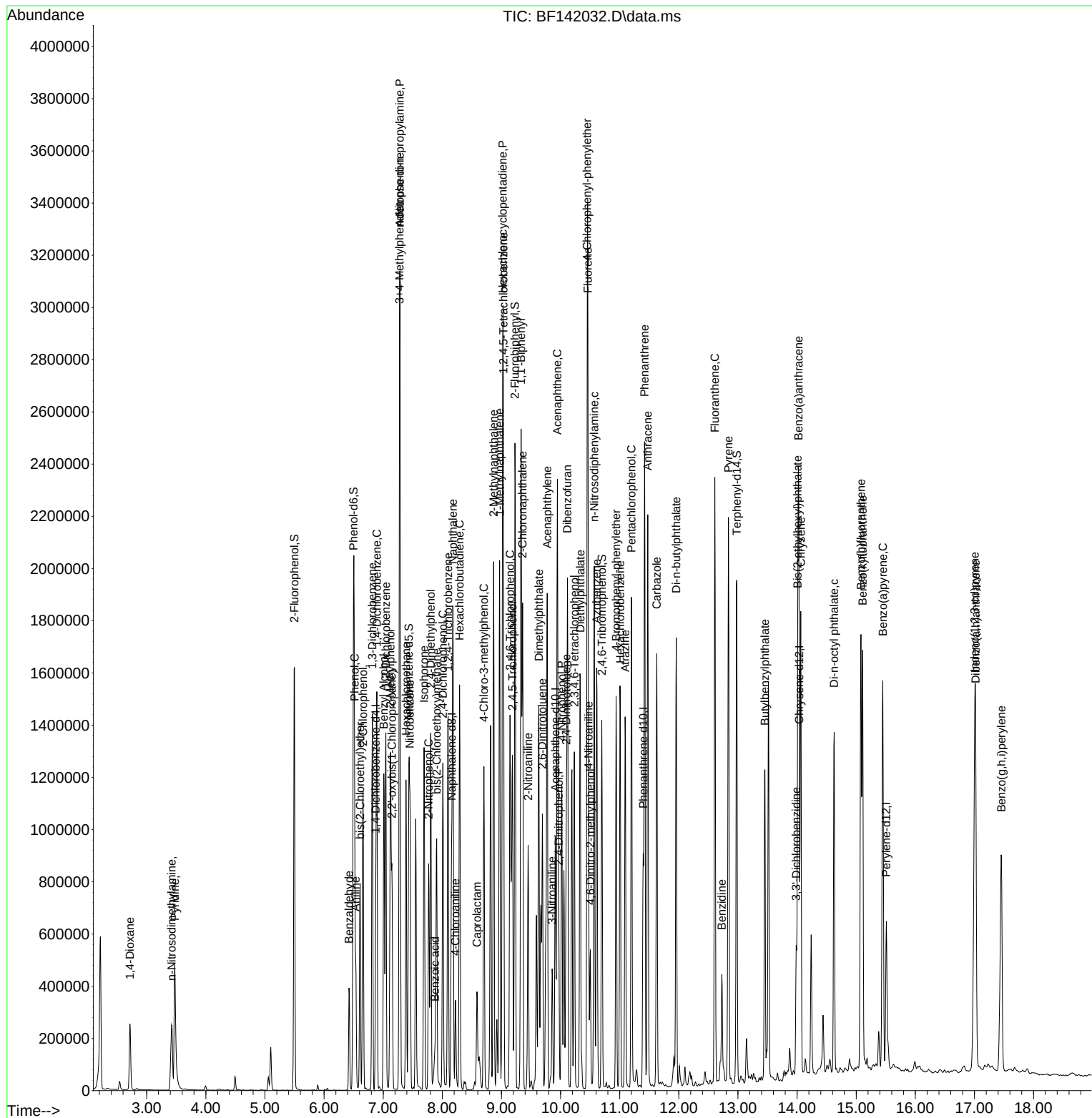
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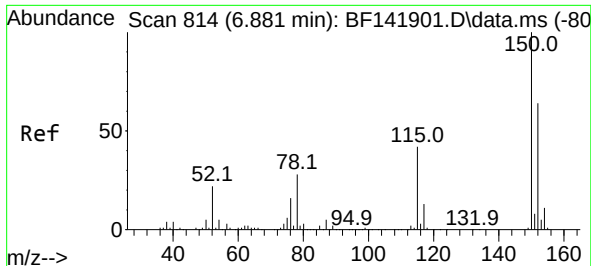
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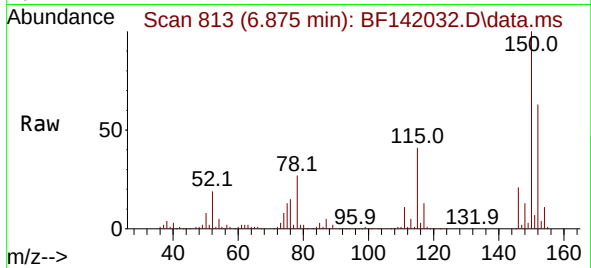
Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

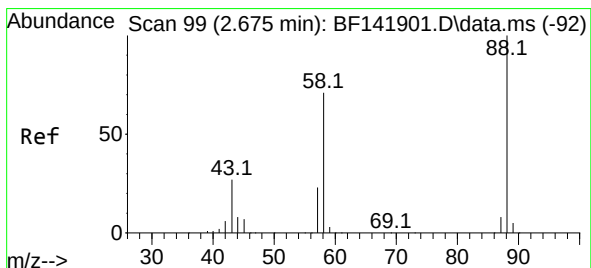
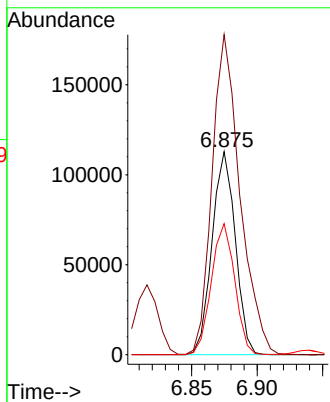
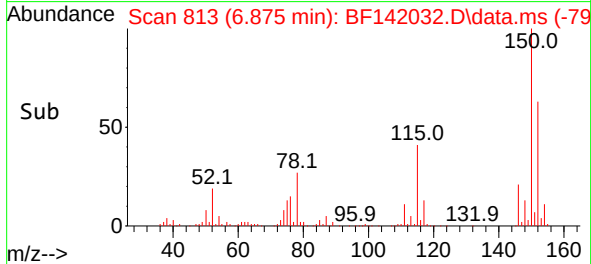
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD



Tgt Ion:152 Resp: 13887
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.4 191.2
 115 64.5 51.9 77.9

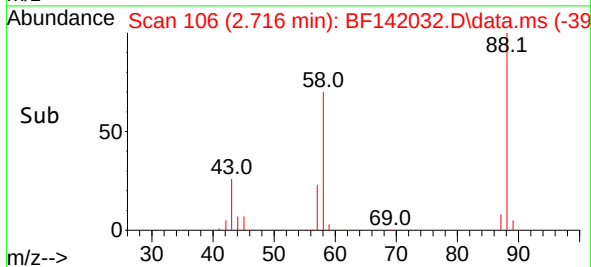
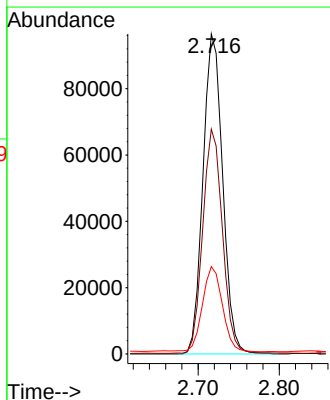
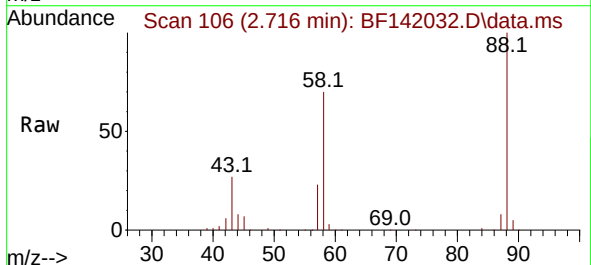
Manual Integrations
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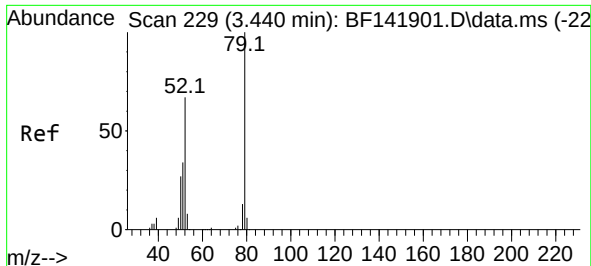
Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025



#2
 1,4-Dioxane
 Concen: 46.582 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.041 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

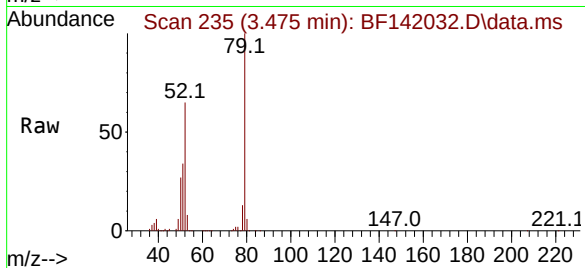
Tgt Ion: 88 Resp: 162405
 Ion Ratio Lower Upper
 88 100
 58 70.1 57.4 86.2
 43 27.0 21.5 32.3





#3
Pyridine
Concen: 41.704 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

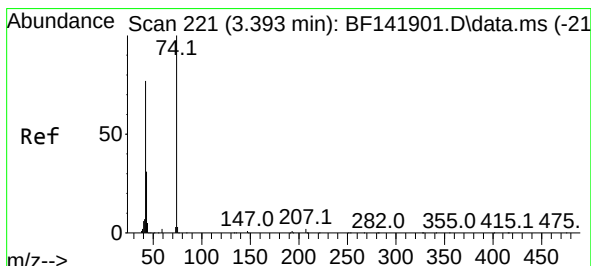
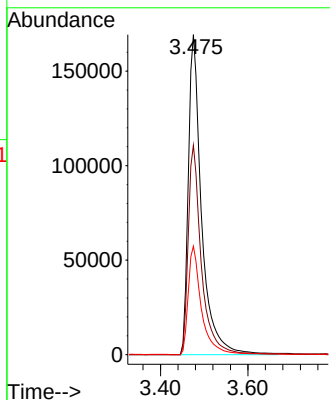
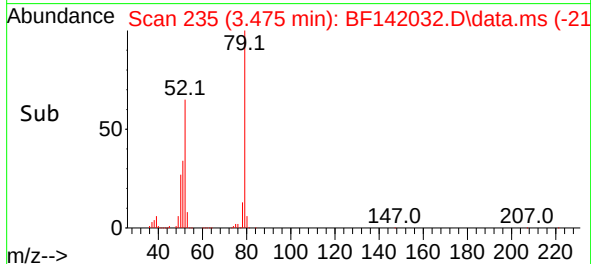
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



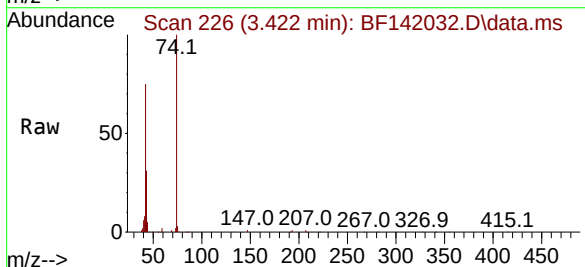
Tgt Ion: 79 Resp: 356654
Ion Ratio Lower Upper
79 100
52 65.5 53.3 79.9
51 33.9 27.6 41.4

Manual Integrations
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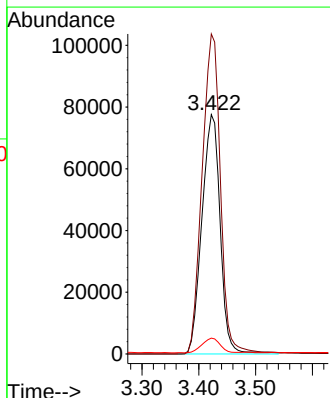
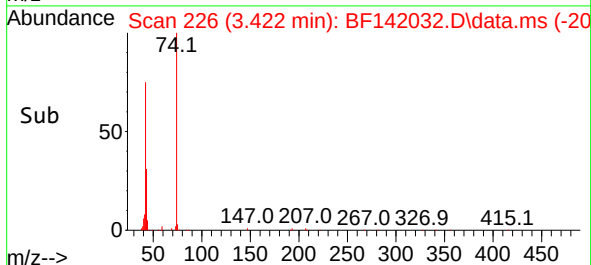
Reviewed By :Anahy Claudio 03/24/2025
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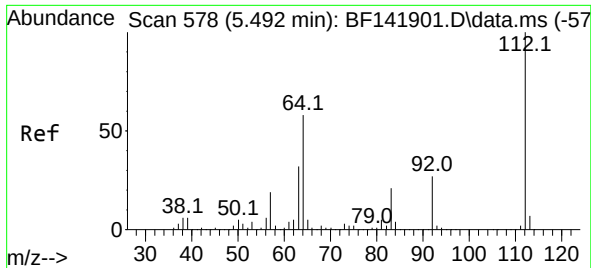


#4
n-Nitrosodimethylamine
Concen: 42.413 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.030 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21



Tgt Ion: 42 Resp: 172902
Ion Ratio Lower Upper
42 100
74 133.7 103.4 155.0
44 6.6 5.0 7.4





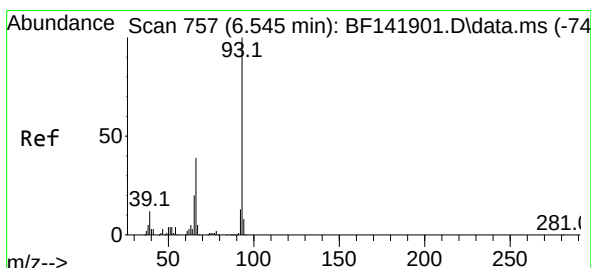
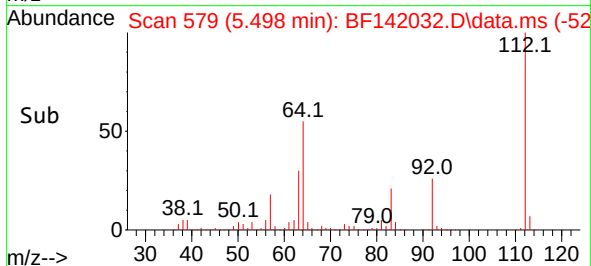
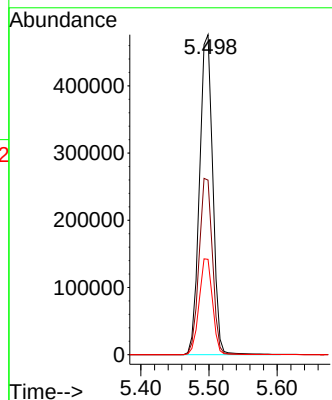
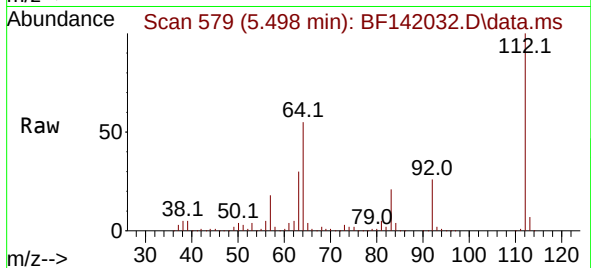
#5
2-Fluorophenol
Concen: 77.327 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 112 Resp: 64342
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 29.8 25.4 38.2

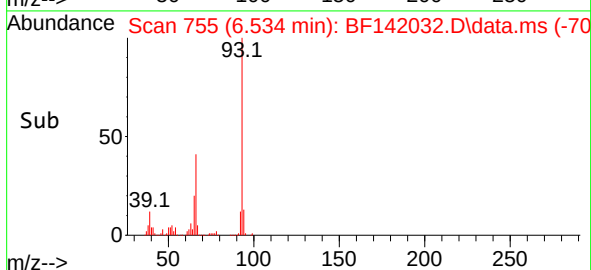
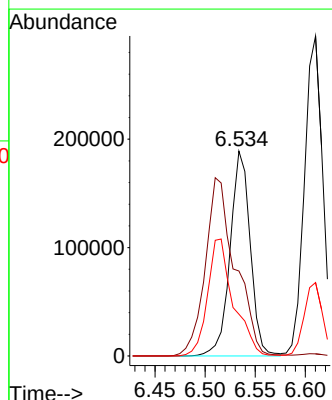
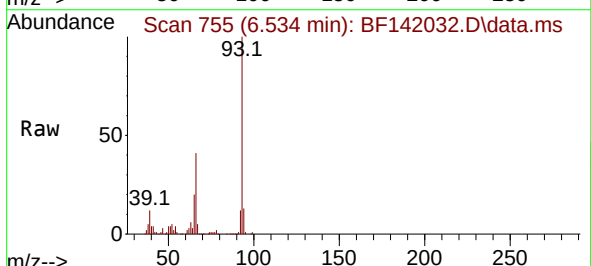
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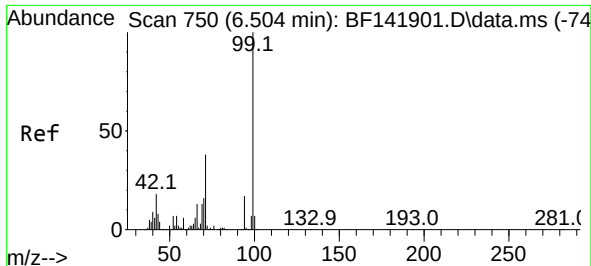
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#6
Aniline
Concen: 25.209 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

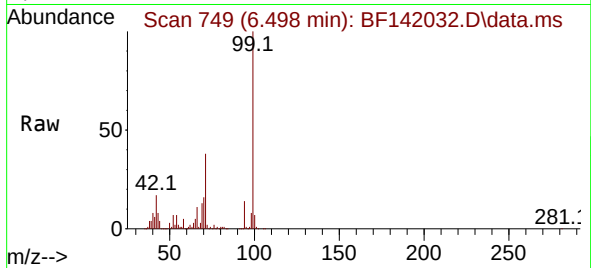
Tgt Ion: 93 Resp: 263467
Ion Ratio Lower Upper
93 100
66 41.5 31.9 47.9
65 20.4 15.8 23.6





#7
Phenol-d6
Concen: 82.914 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

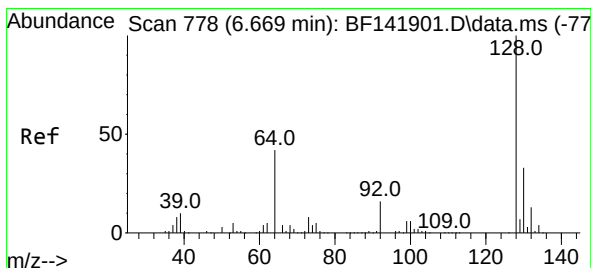
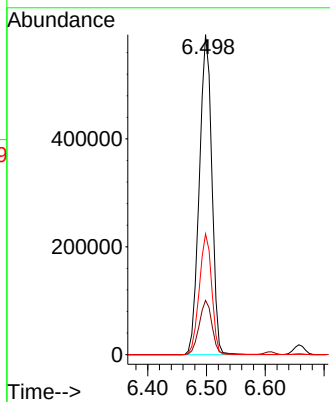
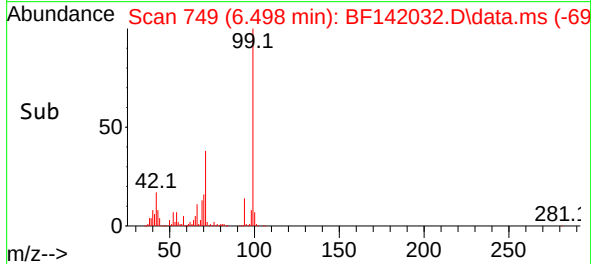
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 878405
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 37.8 30.8 46.2

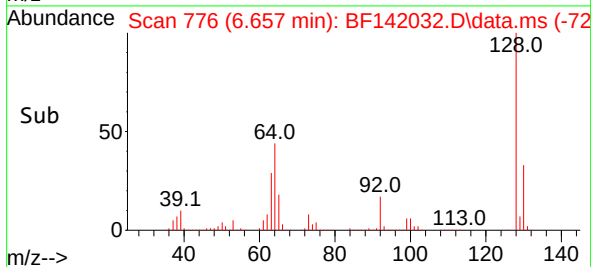
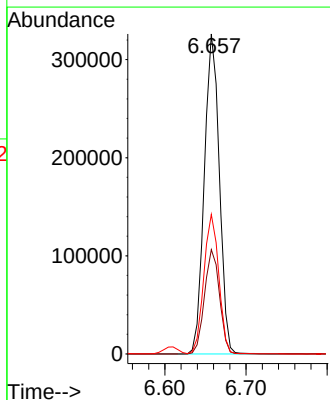
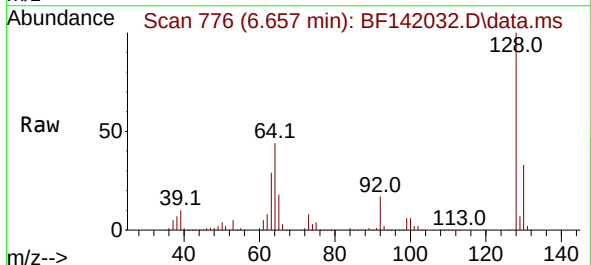
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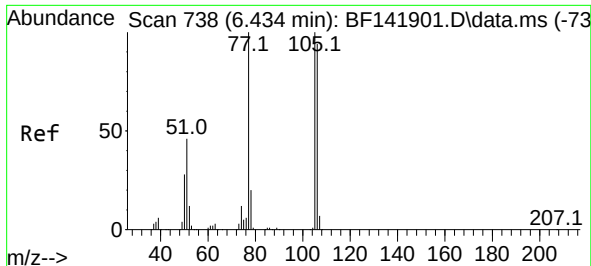
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#8
2-Chlorophenol
Concen: 45.400 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

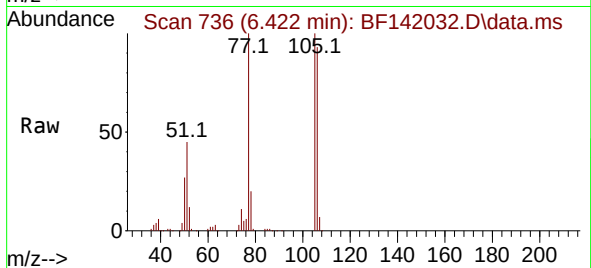
Tgt Ion:128 Resp: 418967
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 43.6 24.4 64.4





#9
Benzaldehyde
Concen: 18.177 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142032.D
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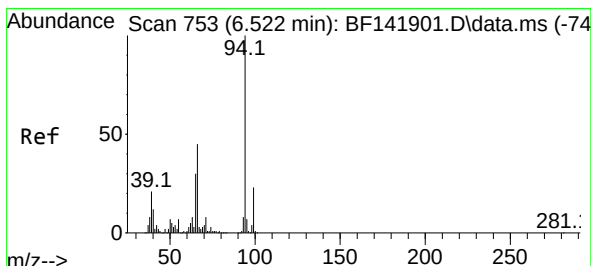
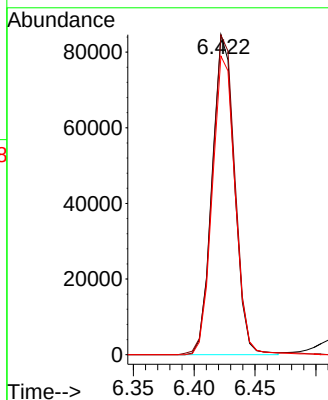
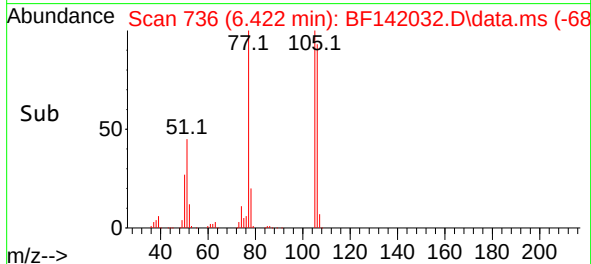
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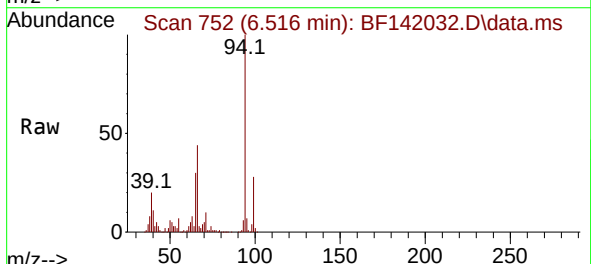
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Ion Ratio Lower Upper
77 100
105 99.8 80.0 120.0
106 93.3 74.5 114.5

Manual Integrations
APPROVED

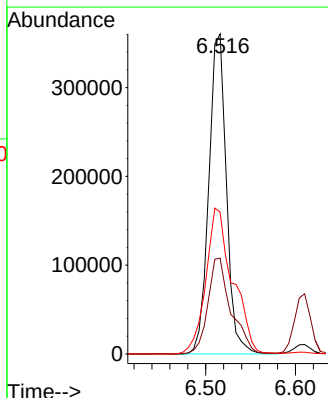
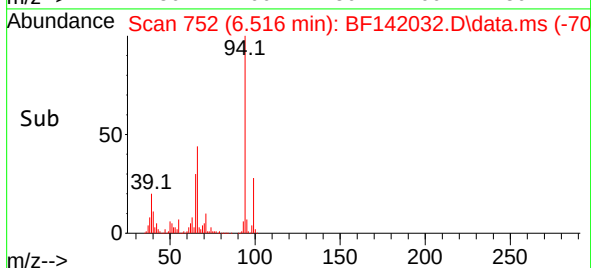
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

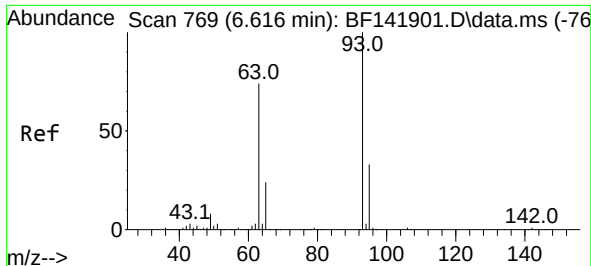


#10
Phenol
Concen: 44.168 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21



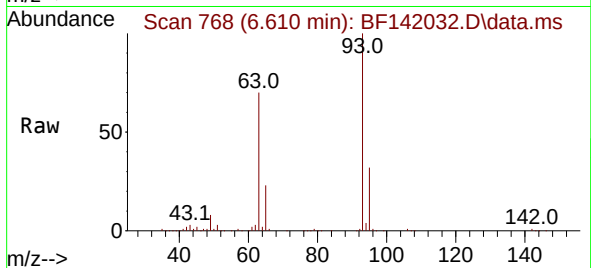
Tgt Ion: 94 Resp: 492276
Ion Ratio Lower Upper
94 100
65 29.9 10.5 50.5
66 44.3 25.8 65.8





#11
bis(2-Chloroethyl)ether
Concen: 44.203 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

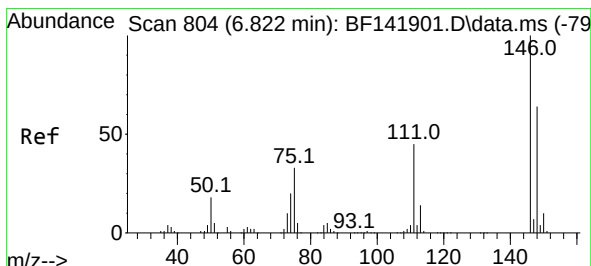
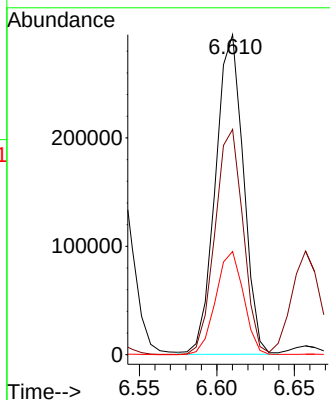
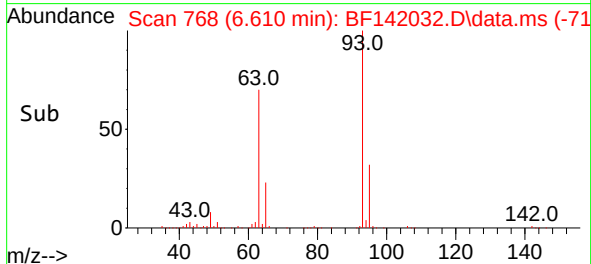
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 93 Resp: 369934
Ion Ratio Lower Upper
93 100
63 70.4 53.0 93.0
95 32.2 12.9 52.9

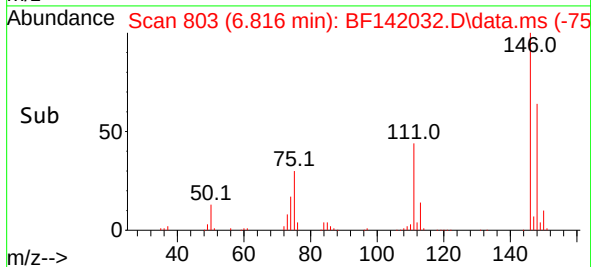
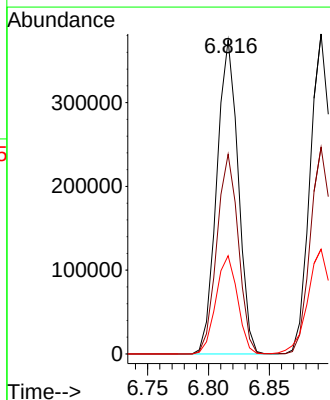
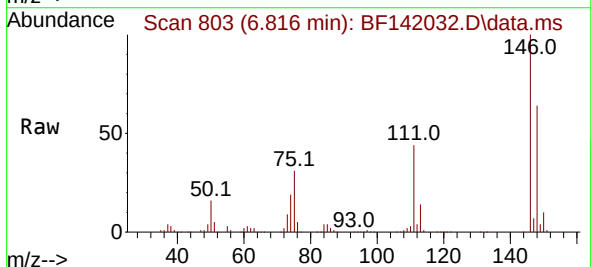
Manual Integrations
APPROVED

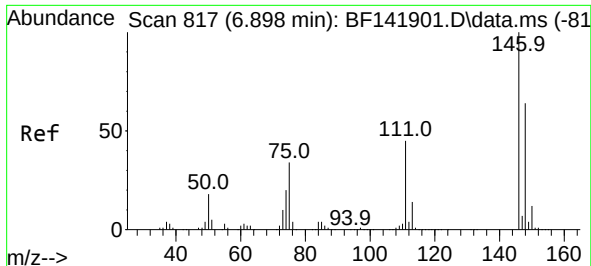
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#12
1,3-Dichlorobenzene
Concen: 46.036 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:146 Resp: 458658
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 31.3 26.6 40.0





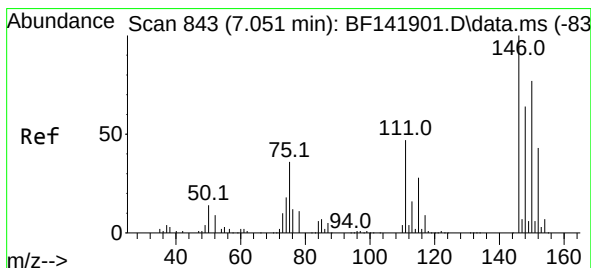
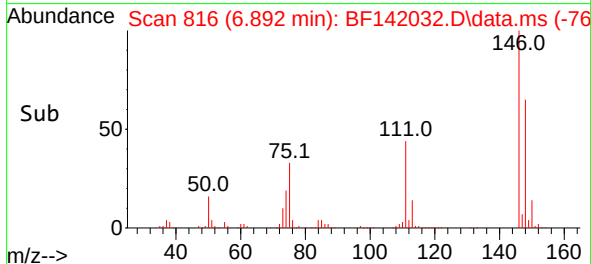
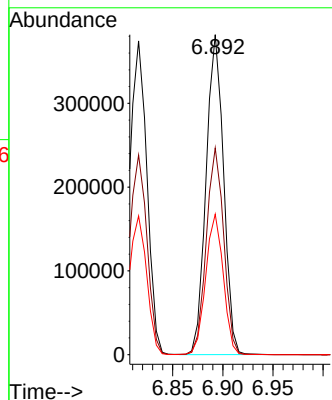
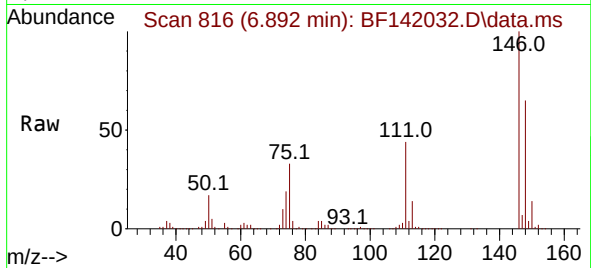
#13
1,4-Dichlorobenzene
Concen: 46.053 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:146 Resp: 464234
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 43.9 35.7 53.5

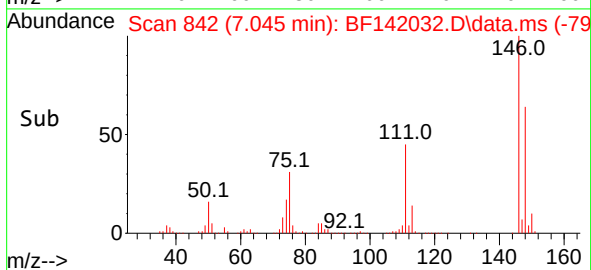
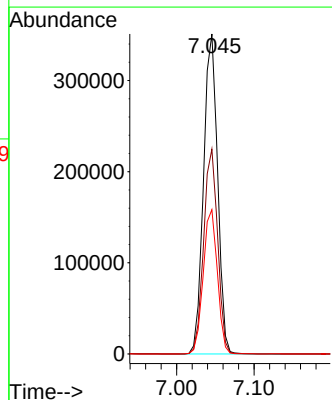
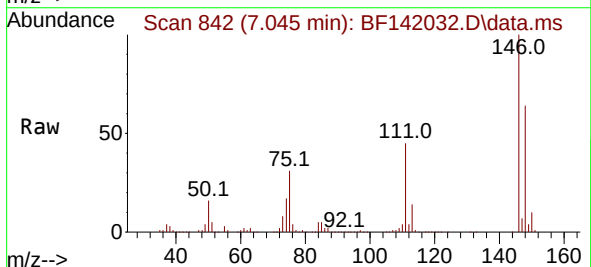
Manual Integrations
APPROVED

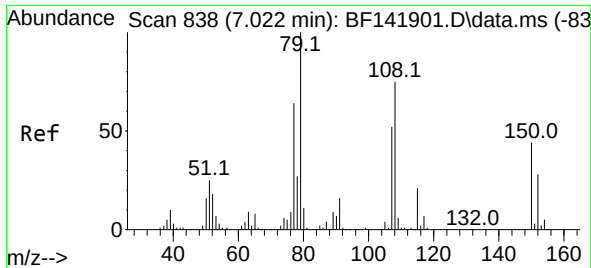
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#14
1,2-Dichlorobenzene
Concen: 46.596 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

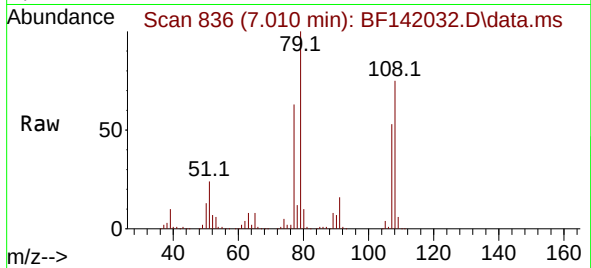
Tgt Ion:146 Resp: 442418
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 45.1 38.0 57.0





#15
Benzyl Alcohol
Concen: 42.255 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

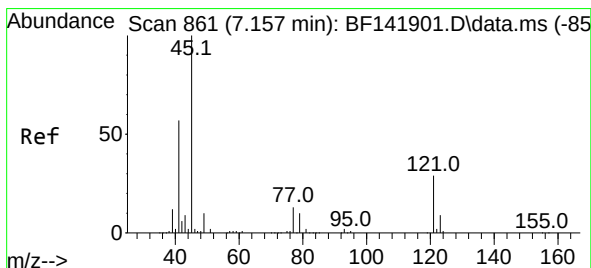
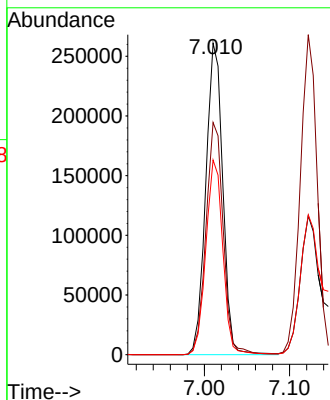
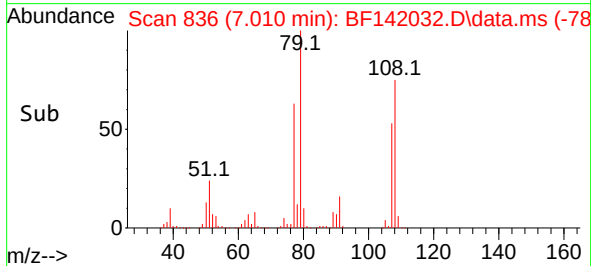
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 79 Resp: 361908
Ion Ratio Lower Upper
79 100
108 74.5 59.7 89.5
77 62.5 51.0 76.6

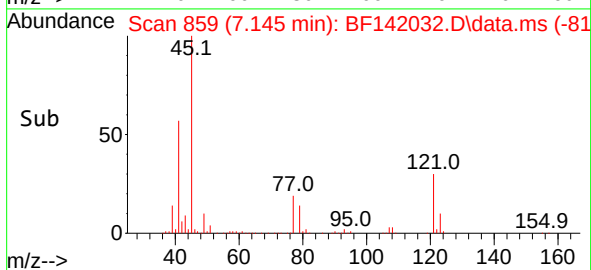
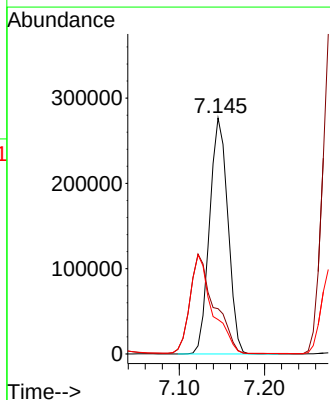
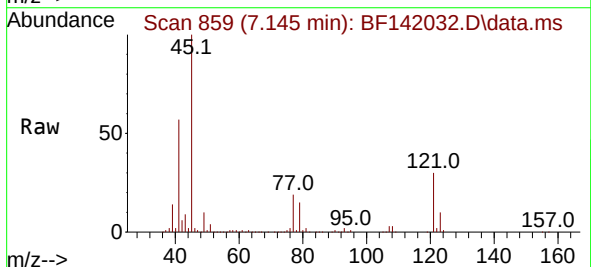
Manual Integrations
APPROVED

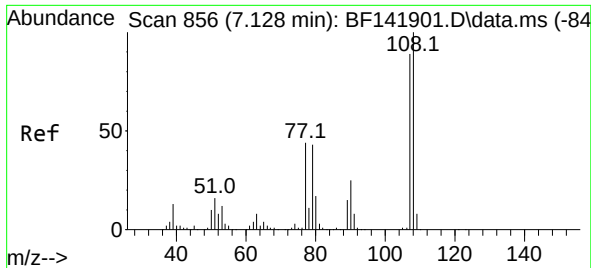
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.930 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

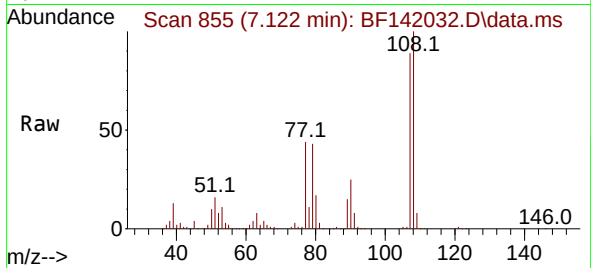
Tgt Ion: 45 Resp: 413540
Ion Ratio Lower Upper
45 100
77 19.2 0.0 37.8
79 14.6 0.0 34.2





#17
2-Methylphenol
Concen: 44.894 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

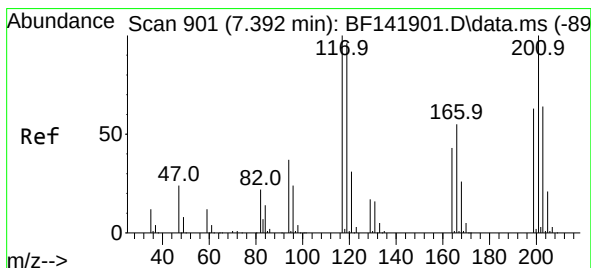
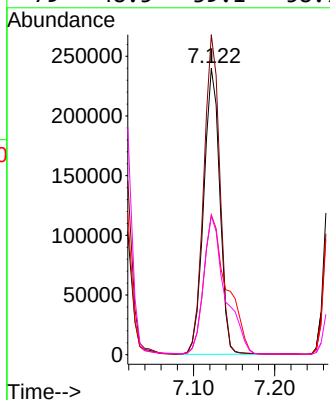
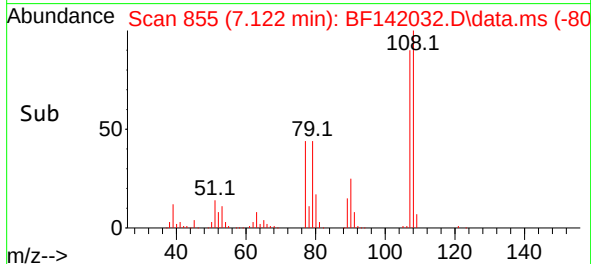
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:	107	Resp:	329408
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.2	135.2
77	48.8	39.6	59.4
79	48.5	39.1	58.7

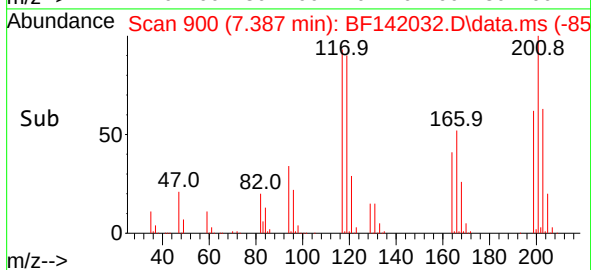
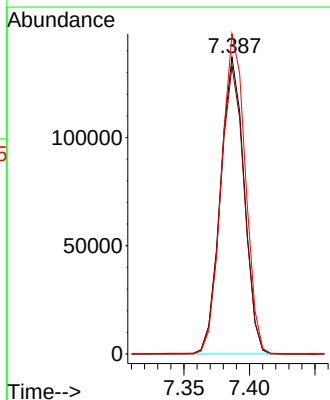
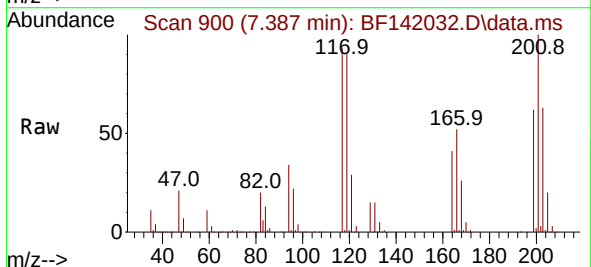
Manual Integrations
APPROVED

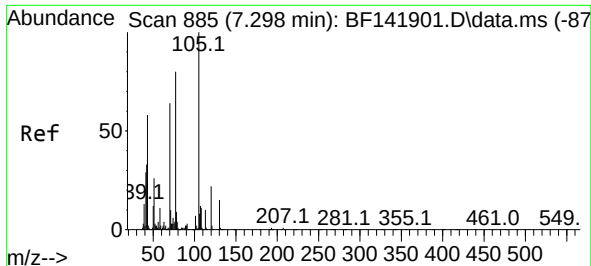
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#18
Hexachloroethane
Concen: 45.513 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:	117	Resp:	172044
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.9	115.3
201	107.8	79.9	119.9





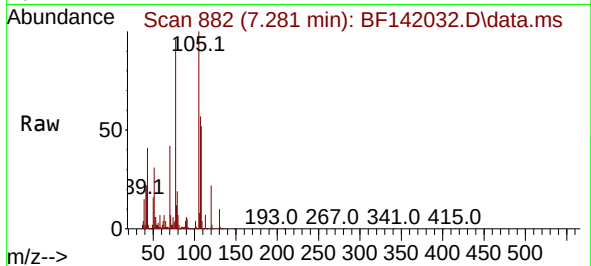
#19
n-Nitroso-di-n-propylamine
Concen: 40.093 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.018 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

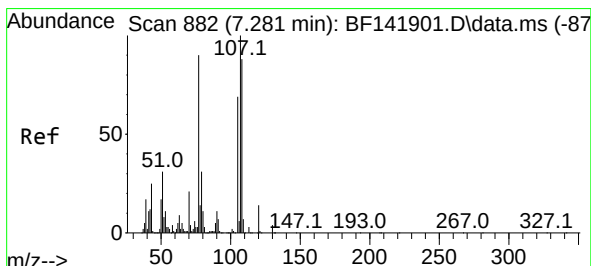
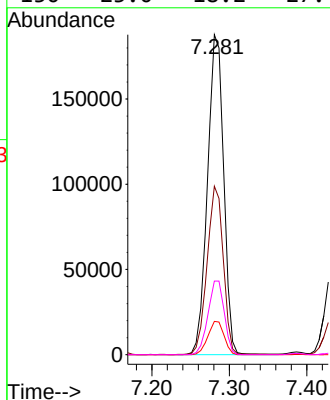
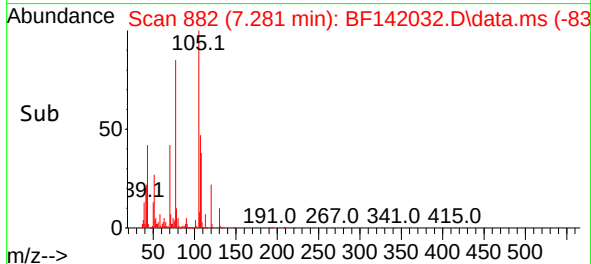


Tgt Ion: 70 Resp: 272929
Ion Ratio Lower Upper
70 100
42 52.7 41.4 62.0
101 10.4 8.2 12.2
130 23.0 18.2 27.4

Manual Integrations

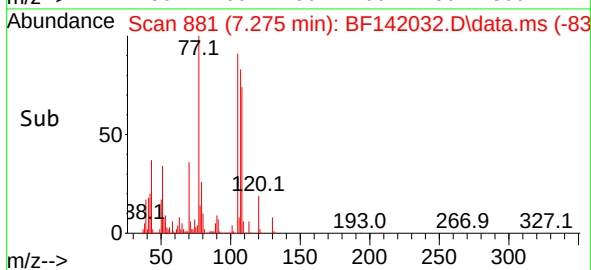
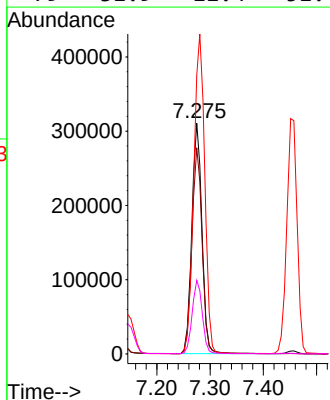
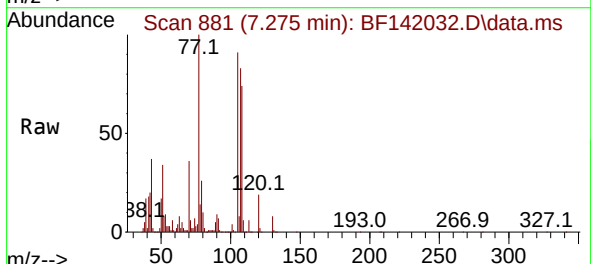
APPROVED

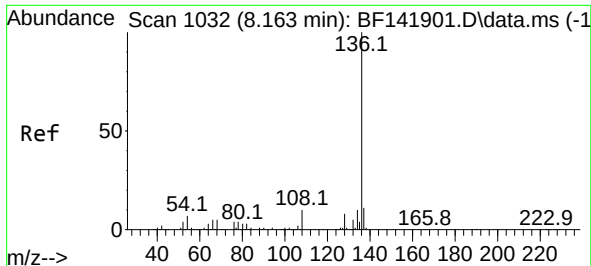
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#20
3+4-Methylphenols
Concen: 43.787 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:107 Resp: 411532
Ion Ratio Lower Upper
107 100
108 89.4 68.4 108.4
77 120.8 69.7 109.7#
79 31.9 11.4 51.4





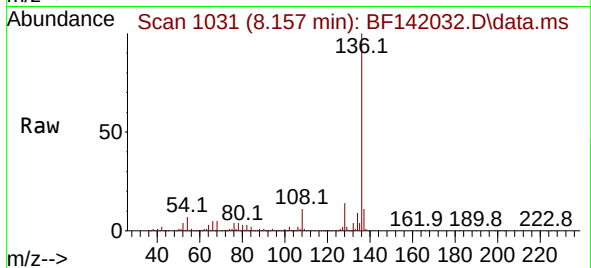
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

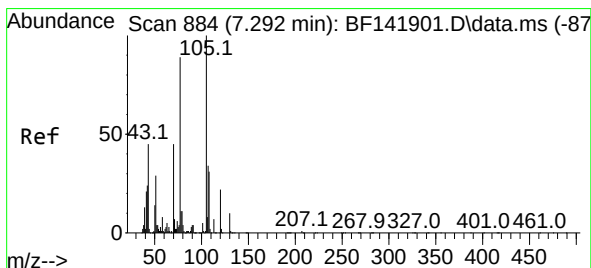
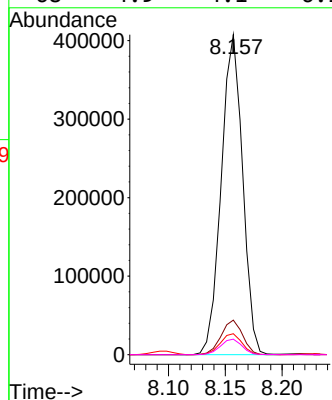
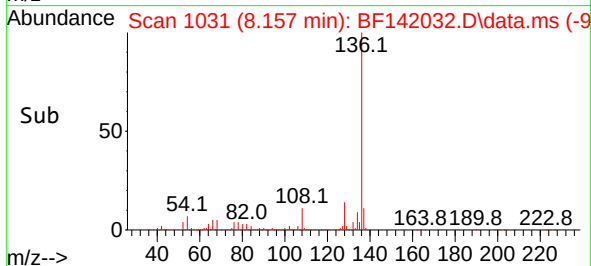


Tgt Ion:136 Resp: 53364
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.8 8.8
68 4.9 4.1 6.1

Manual Integrations

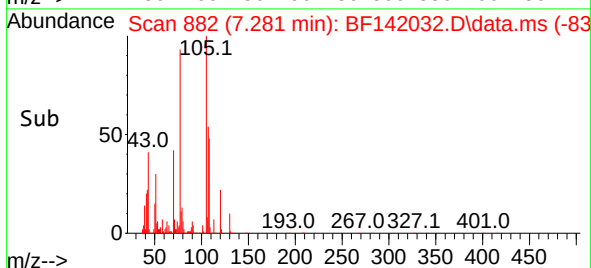
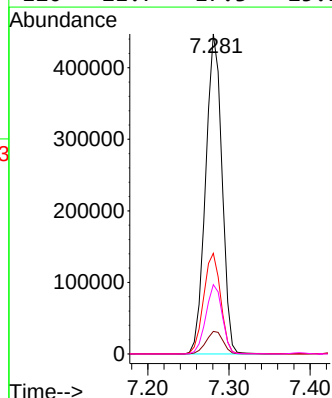
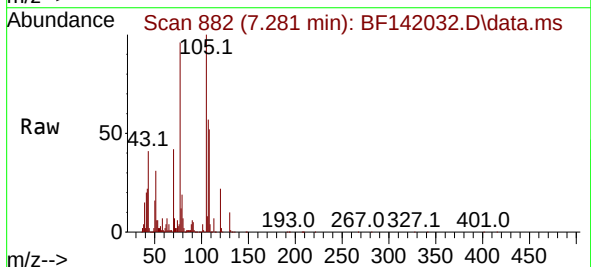
APPROVED

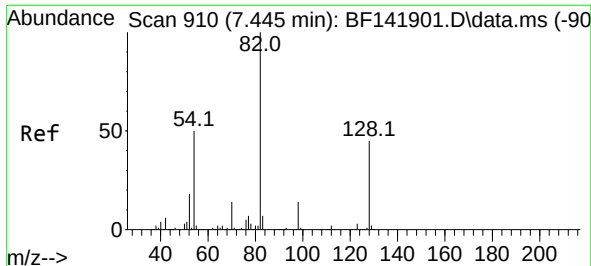
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#22
Acetophenone
Concen: 48.914 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:105 Resp: 625098
Ion Ratio Lower Upper
105 100
71 7.1 5.8 8.8
51 31.5 23.4 35.0
120 21.7 17.3 25.9





#23

Nitrobenzene-d5

Concen: 59.227 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 82 Resp: 561624

Ion Ratio Lower Upper

82 100

128 45.1 36.0 54.0

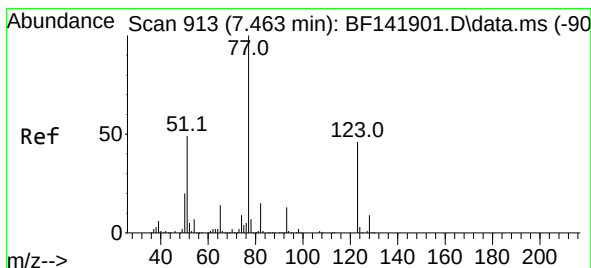
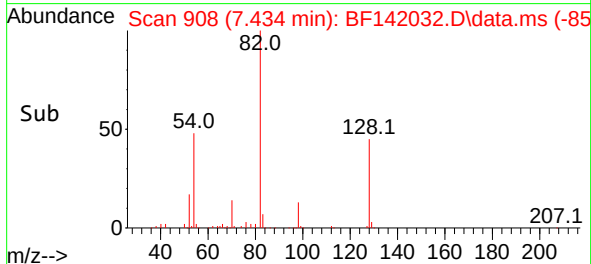
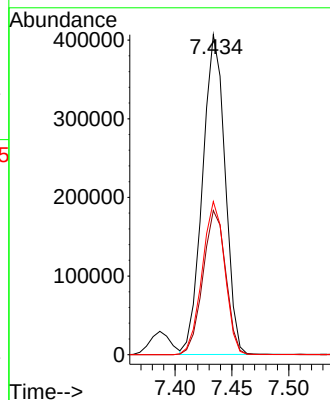
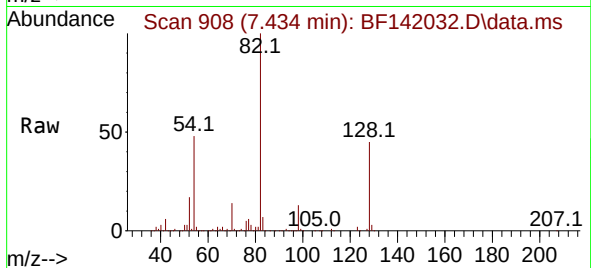
54 47.8 39.6 59.4

Manual Integrations

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Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#24

Nitrobenzene

Concen: 45.320 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

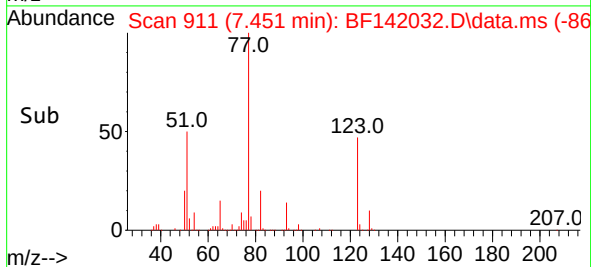
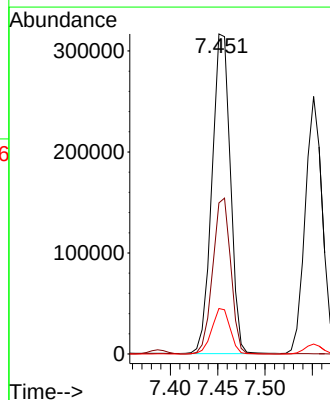
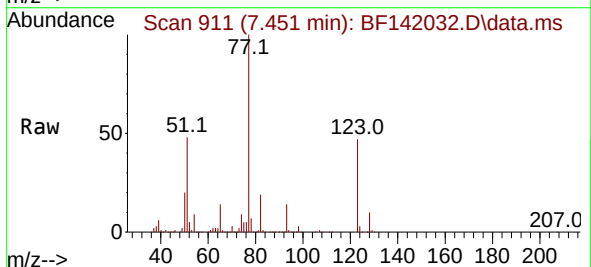
Tgt Ion: 77 Resp: 427221

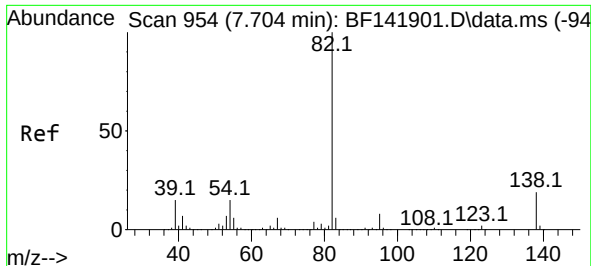
Ion Ratio Lower Upper

77 100

123 47.2 37.0 55.4

65 14.2 11.3 16.9





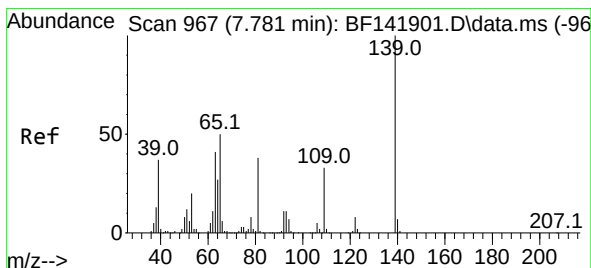
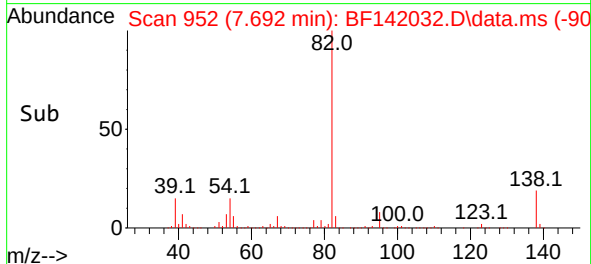
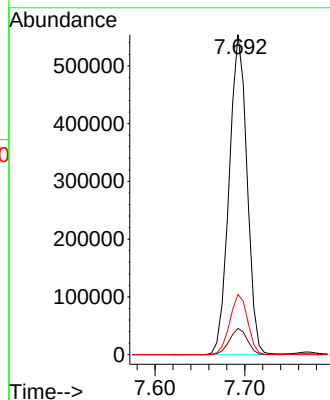
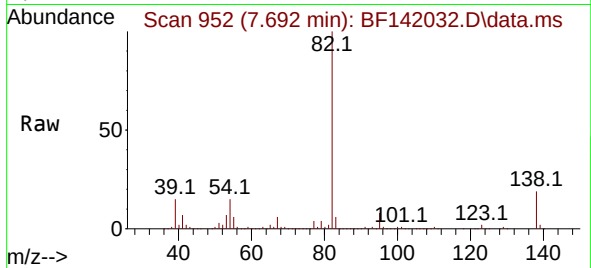
#25
Isophorone
Concen: 45.662 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion: 82 Resp: 765384
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.8 14.9 22.3

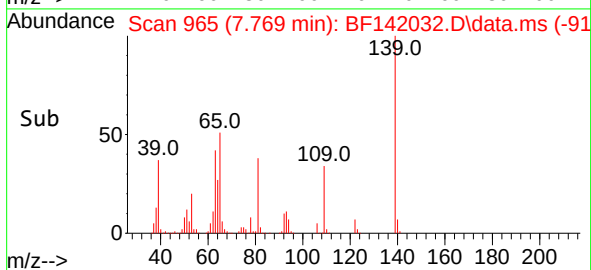
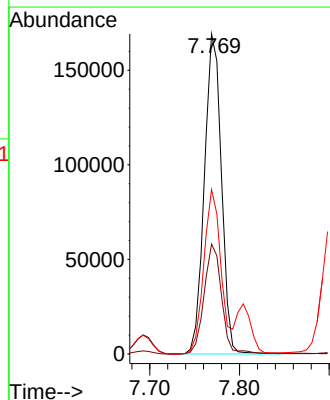
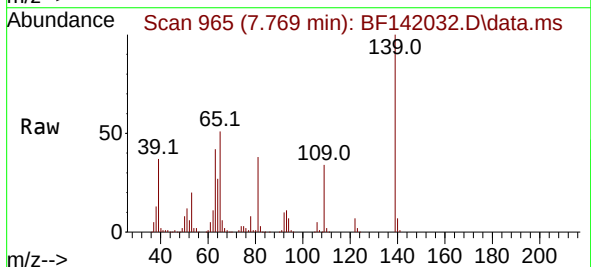
Manual Integrations
APPROVED

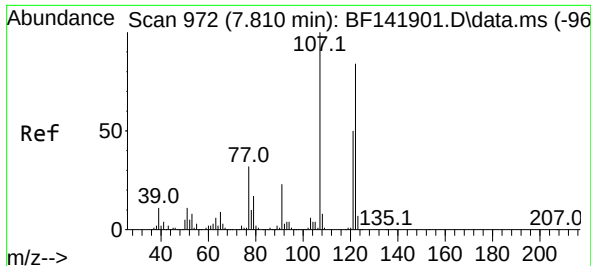
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#26
2-Nitrophenol
Concen: 48.312 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:139 Resp: 223524
Ion Ratio Lower Upper
139 100
109 34.3 26.5 39.7
65 51.4 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 54.487 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142032.D

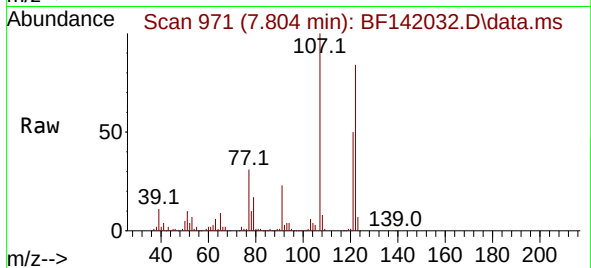
Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



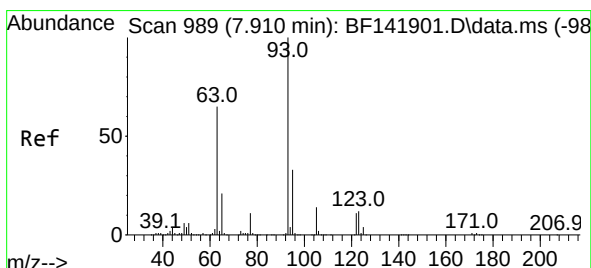
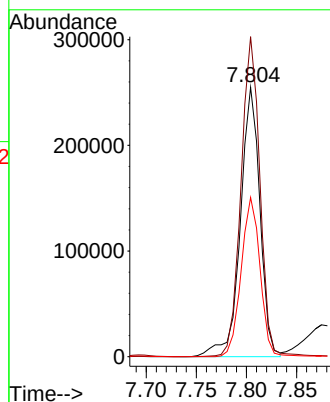
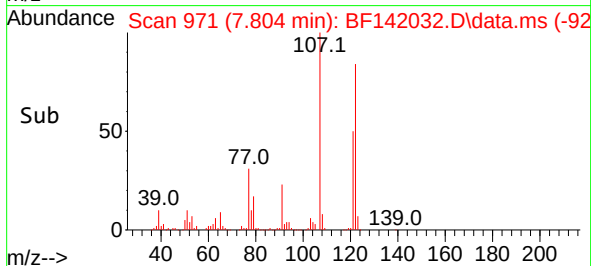
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.8	94.8	142.2
121	59.1	47.8	71.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.188 ng

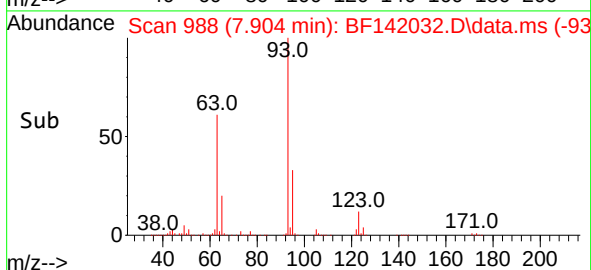
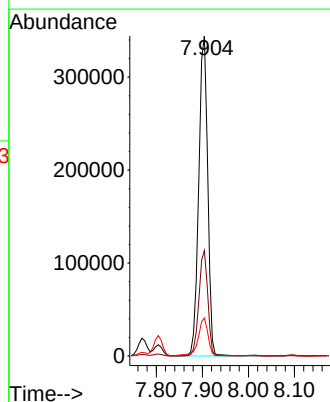
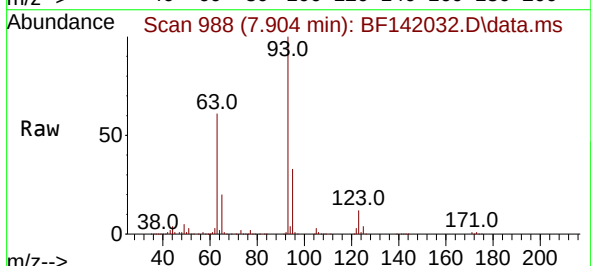
RT: 7.904 min Scan# 988

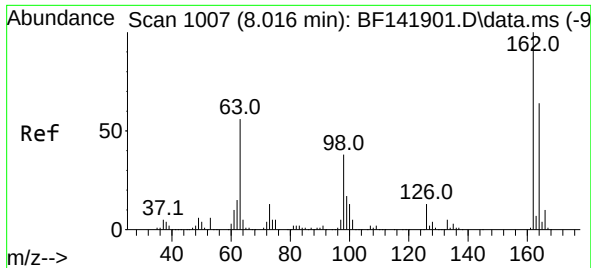
Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	40.0
123	11.9	10.2	15.4





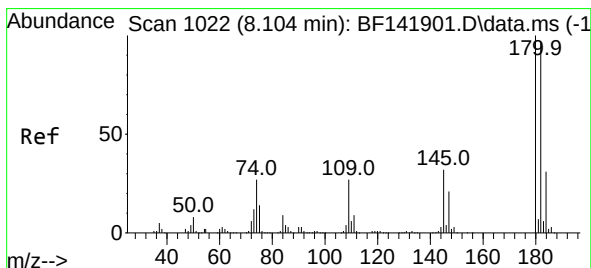
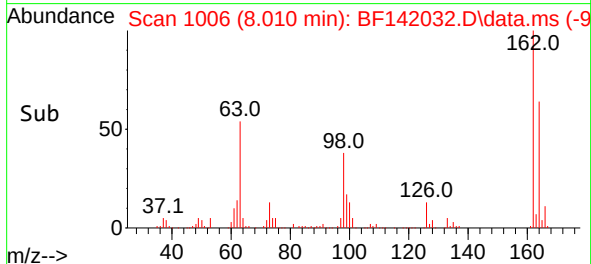
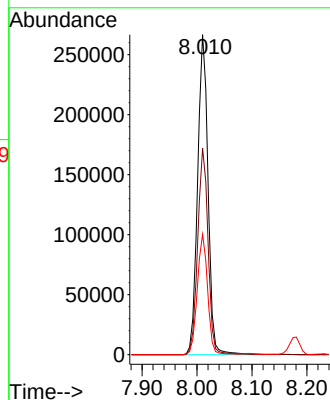
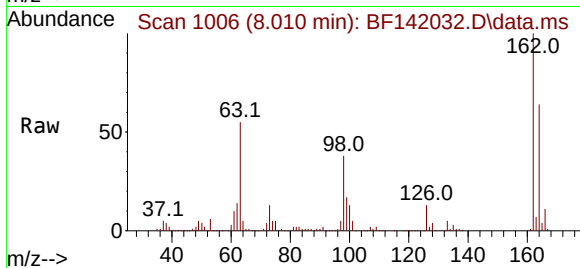
#29
2,4-Dichlorophenol
Concen: 44.568 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:162 Resp: 352425
Ion Ratio Lower Upper
162 100
164 64.5 43.8 83.8
98 37.7 18.1 58.1

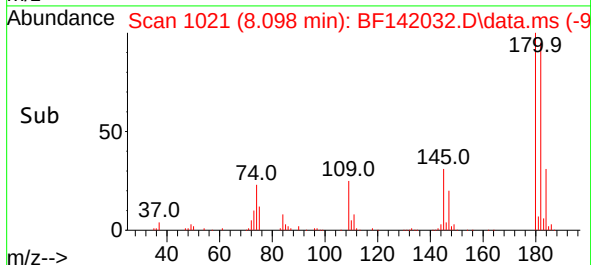
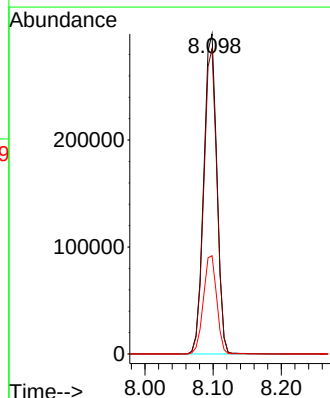
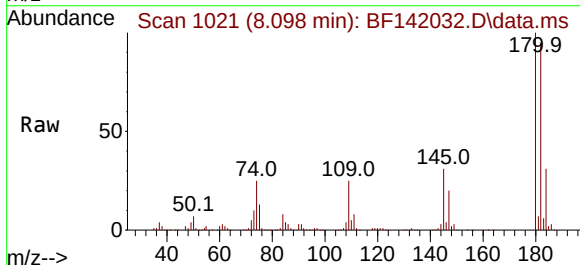
Manual Integrations
APPROVED

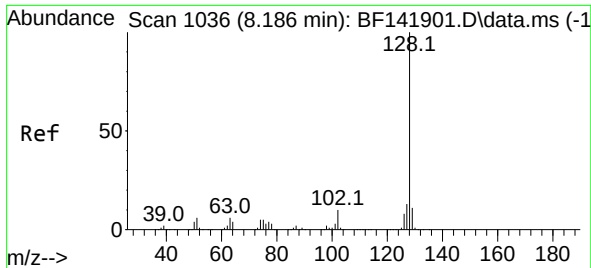
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#30
1,2,4-Trichlorobenzene
Concen: 46.057 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

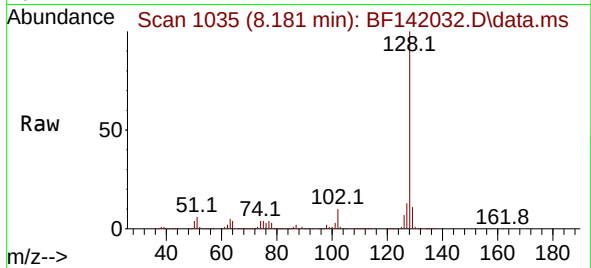
Tgt Ion:180 Resp: 401357
Ion Ratio Lower Upper
180 100
182 95.4 77.5 116.3
145 30.7 25.8 38.6





#31
Naphthalene
Concen: 44.706 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

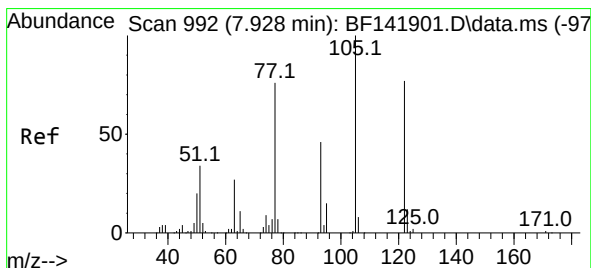
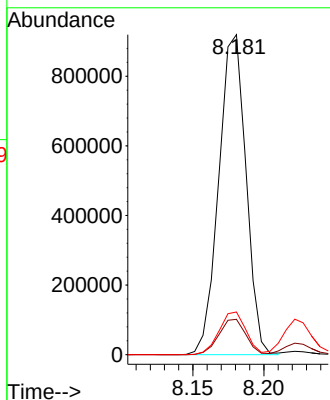
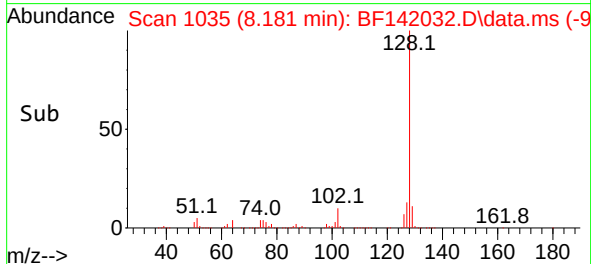
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:128 Resp: 1225504
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 10.8 16.2

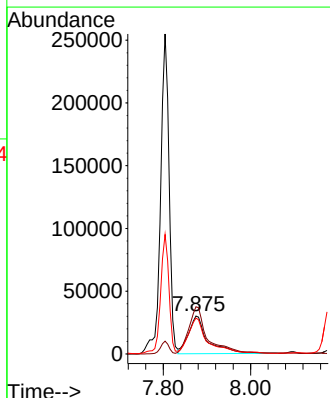
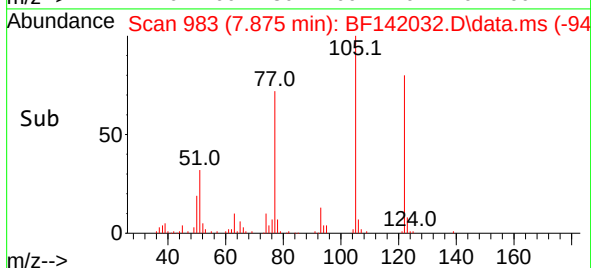
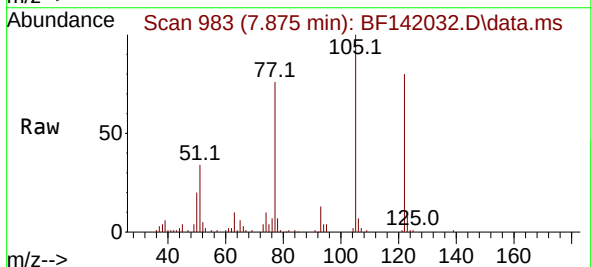
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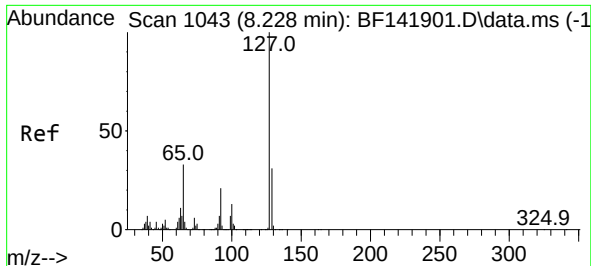
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#32
Benzoic acid
Concen: 16.468 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.053 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:122 Resp: 92221
Ion Ratio Lower Upper
122 100
105 124.6 107.9 147.9
77 94.8 79.0 119.0





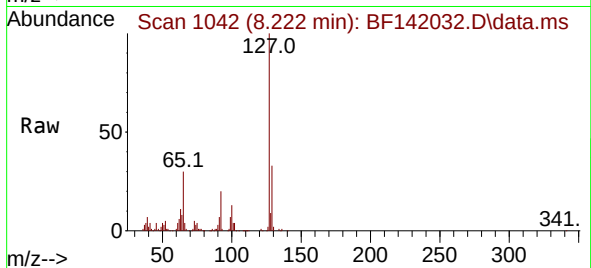
#33
4-Chloroaniline
Concen: 15.476 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

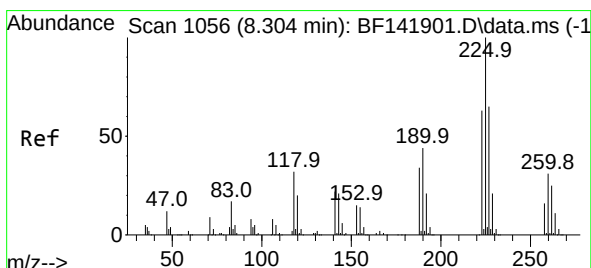
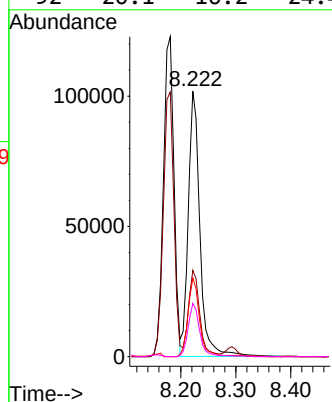
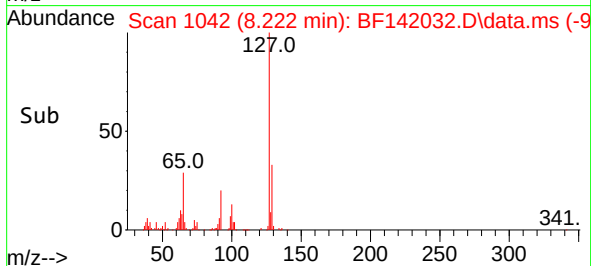


Tgt Ion:127 Resp: 149760
Ion Ratio Lower Upper
127 100
129 32.6 26.2 39.4
65 29.6 25.4 38.2
92 20.1 16.2 24.4

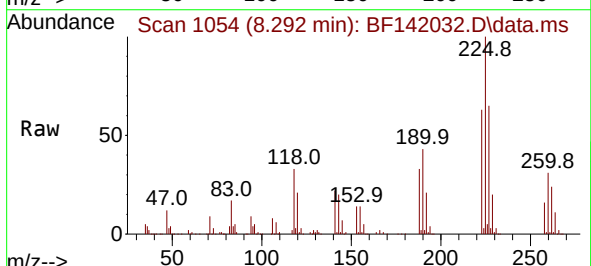
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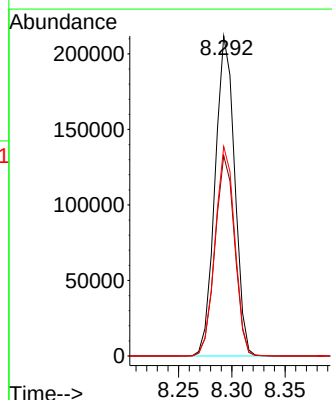
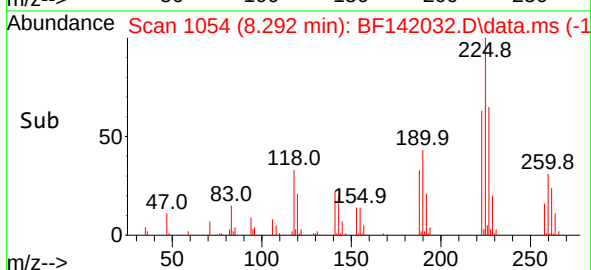
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

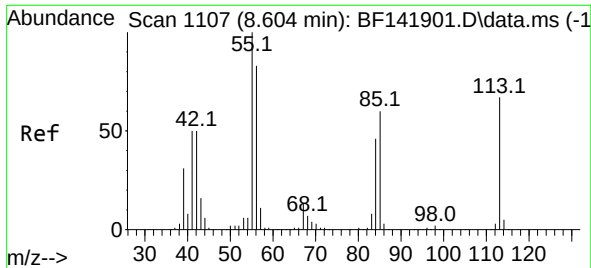


#34
Hexachlorobutadiene
Concen: 47.711 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21



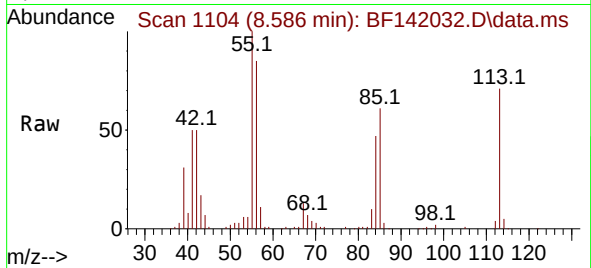
Tgt Ion:225 Resp: 271150
Ion Ratio Lower Upper
225 100
223 62.6 50.6 75.8
227 65.4 52.2 78.2





#35
Caprolactam
Concen: 40.019 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

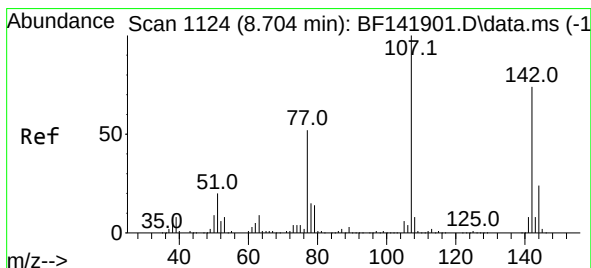
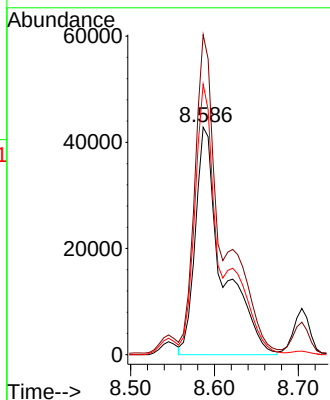
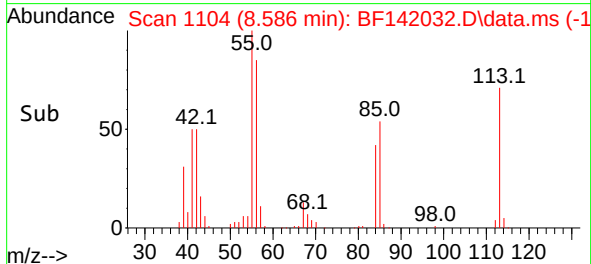
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:113 Resp: 96479
Ion Ratio Lower Upper
113 100
55 140.6 129.6 169.6
56 118.9 104.0 144.0

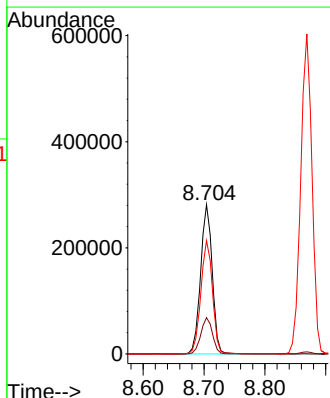
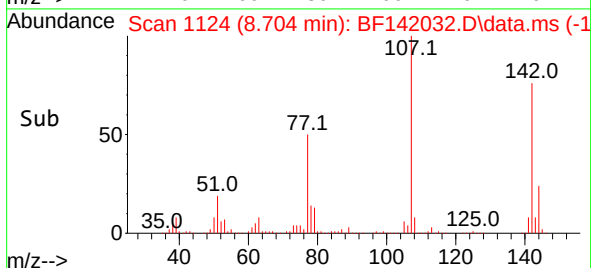
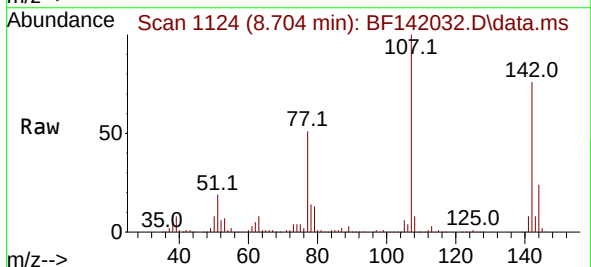
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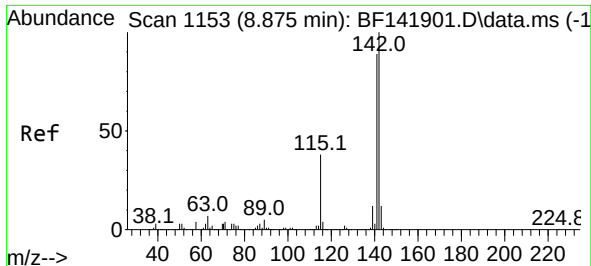
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#36
4-Chloro-3-methylphenol
Concen: 42.503 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:107 Resp: 374923
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.6
142 75.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 42.212 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:142 Resp: 77344

Ion Ratio Lower Upper

142 100

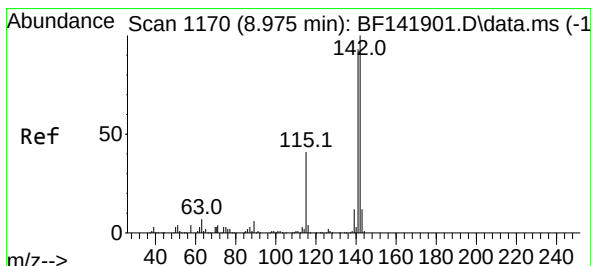
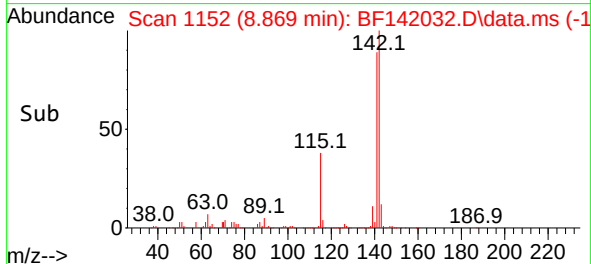
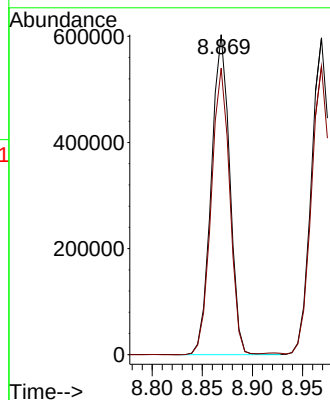
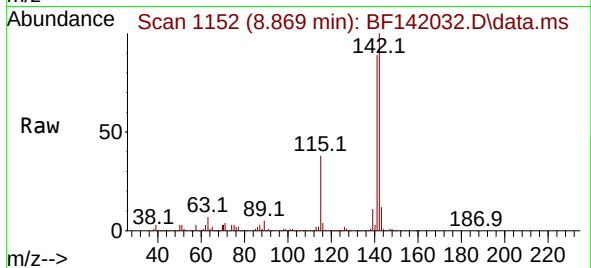
141 89.5 71.2 106.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#38

1-Methylnaphthalene

Concen: 43.085 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142032.D

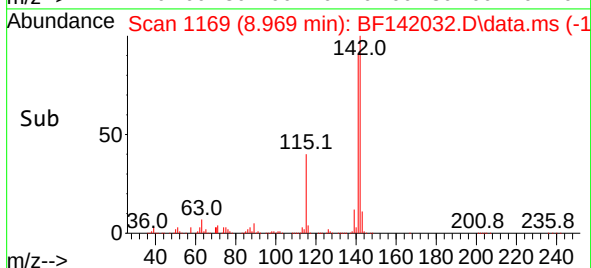
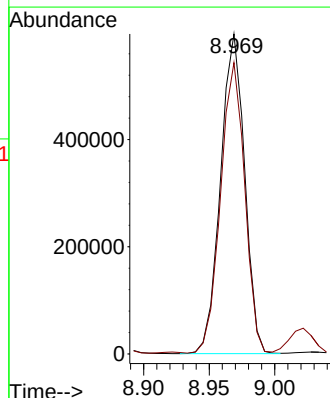
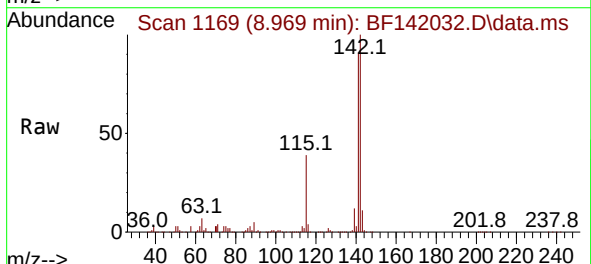
Acq: 21 Mar 2025 16:21

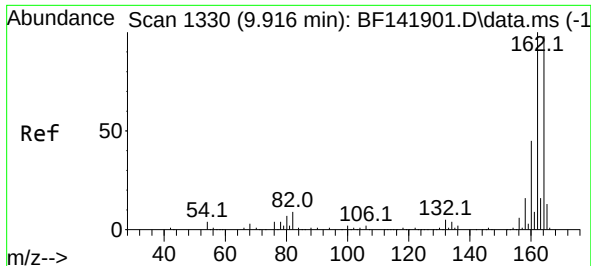
Tgt Ion:142 Resp: 761794

Ion Ratio Lower Upper

142 100

141 91.1 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:164 Resp: 28701

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

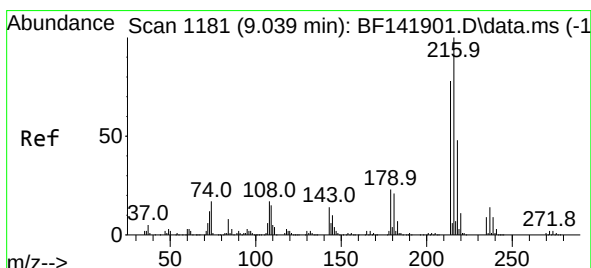
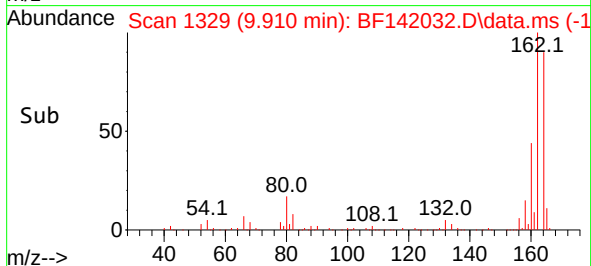
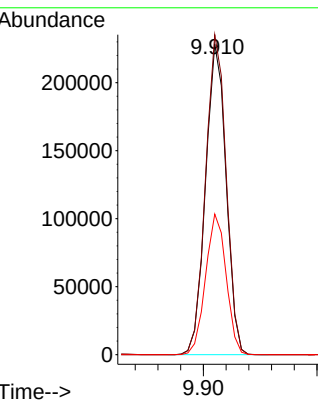
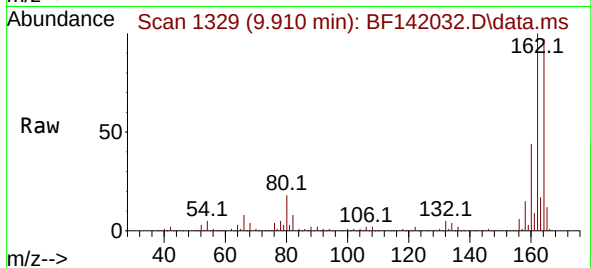
160 45.3 36.7 55.1

Manual Integrations

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Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.119 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Tgt Ion:216 Resp: 464171

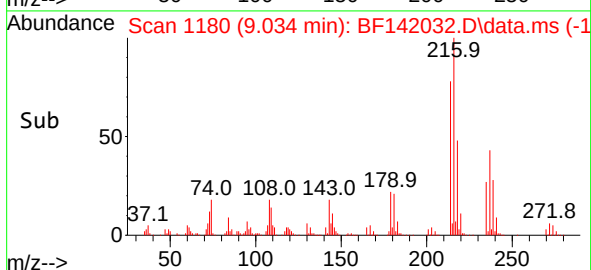
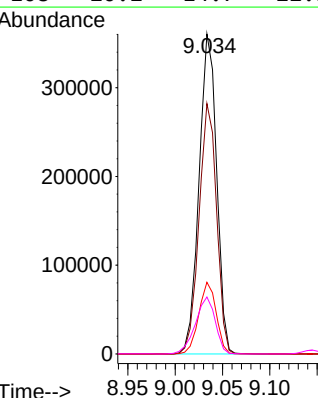
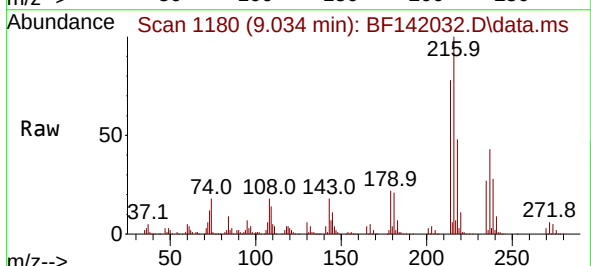
Ion Ratio Lower Upper

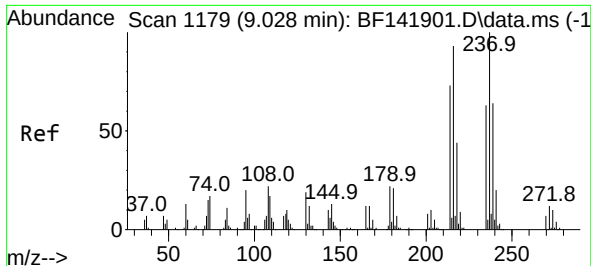
216 100

214 78.1 61.9 92.9

179 22.2 18.1 27.1

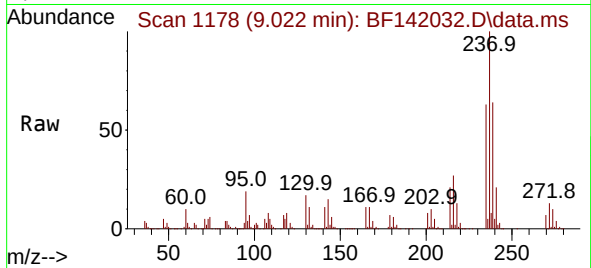
108 20.2 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 158.562 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

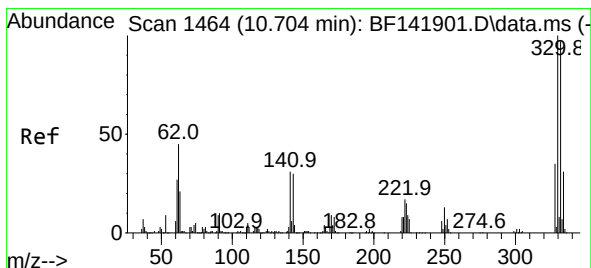
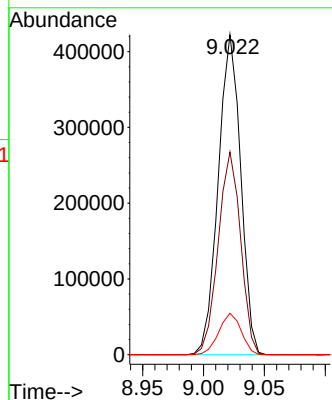
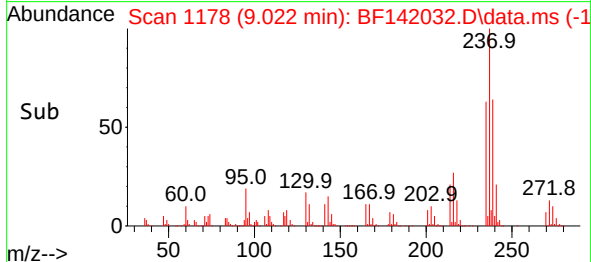
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



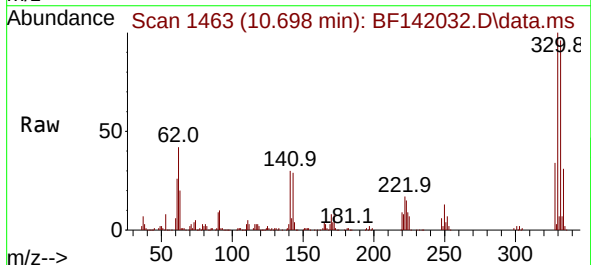
Tgt Ion:237 Resp: 542258
Ion Ratio Lower Upper
237 100
235 63.3 43.1 83.1
272 13.0 0.0 32.0

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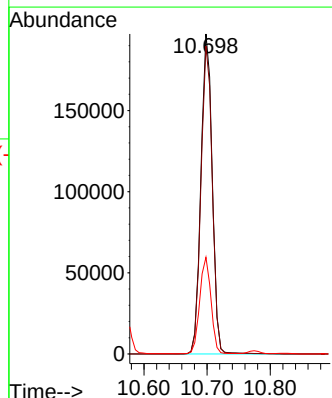
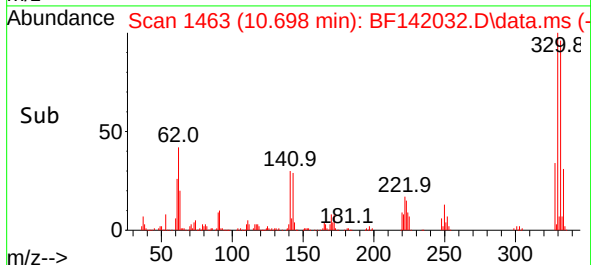
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

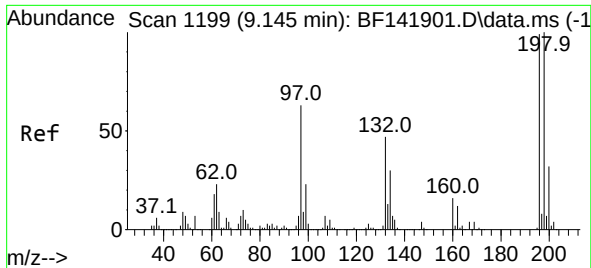


#42
2,4,6-Tribromophenol
Concen: 67.171 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21



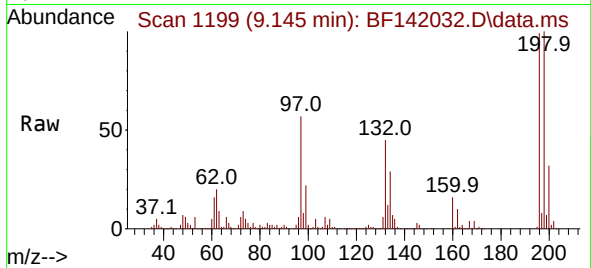
Tgt Ion:330 Resp: 244579
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 29.8 24.7 37.1





#43
 2,4,6-Trichlorophenol
 Concen: 46.006 ng
 RT: 9.145 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

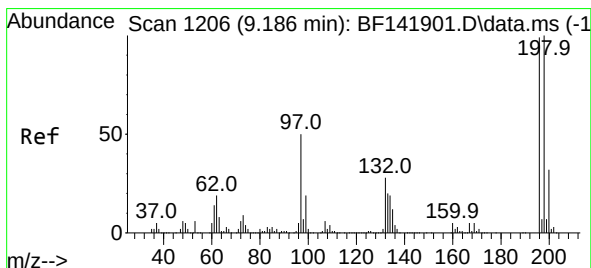
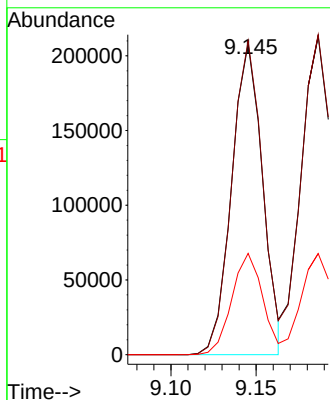
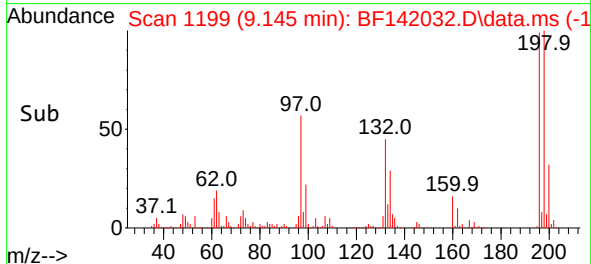
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD



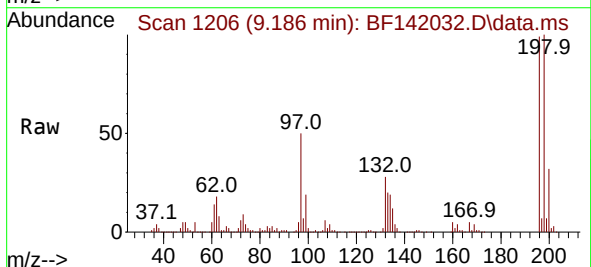
Tgt Ion:196 Resp: 262735
 Ion Ratio Lower Upper
 196 100
 198 101.0 80.6 121.0
 200 32.6 25.8 38.6

Manual Integrations
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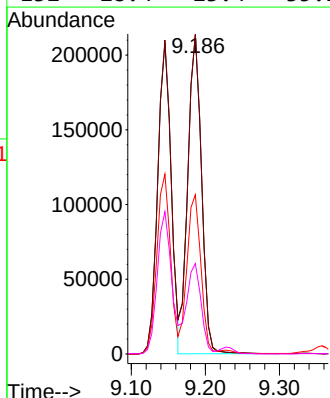
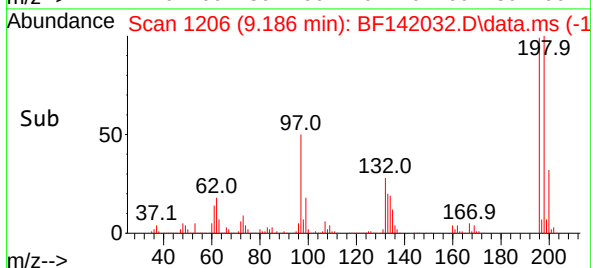
Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025

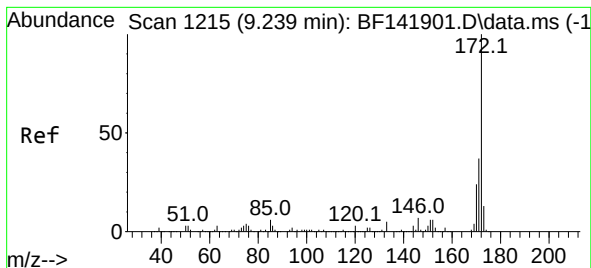


#44
 2,4,5-Trichlorophenol
 Concen: 47.612 ng
 RT: 9.186 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21



Tgt Ion:196 Resp: 275390
 Ion Ratio Lower Upper
 196 100
 198 100.6 80.7 121.1
 97 50.0 42.1 63.1
 132 28.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 58.601 ng

RT: 9.228 min Scan# 110594

Delta R.T. -0.012 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:172 Resp: 110594

Ion Ratio Lower Upper

172 100

171 35.8 29.3 43.9

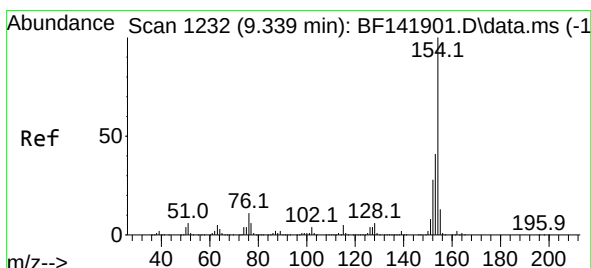
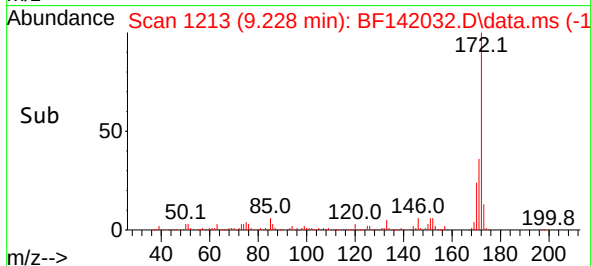
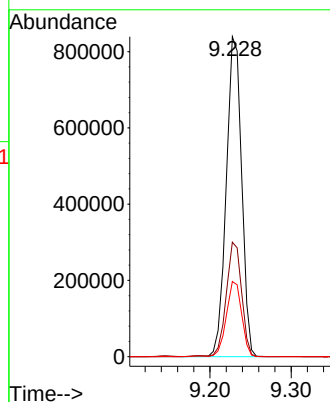
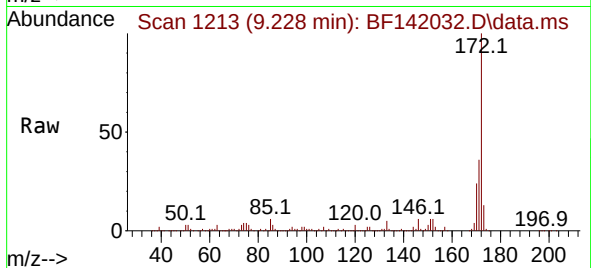
170 23.5 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#46

1,1'-Biphenyl

Concen: 51.329 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

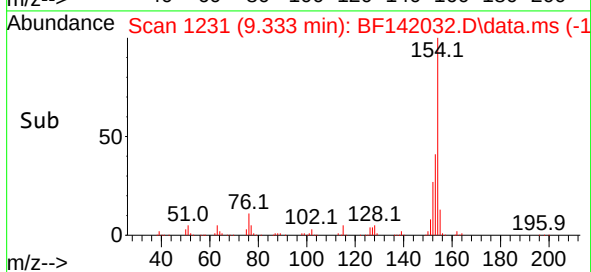
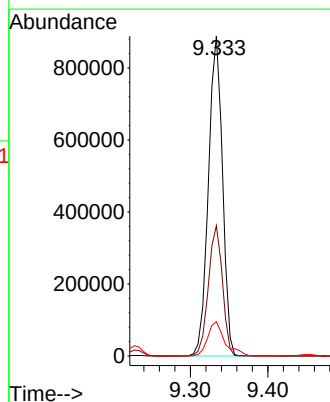
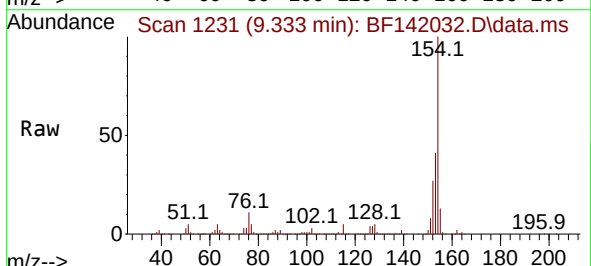
Tgt Ion:154 Resp: 1119369

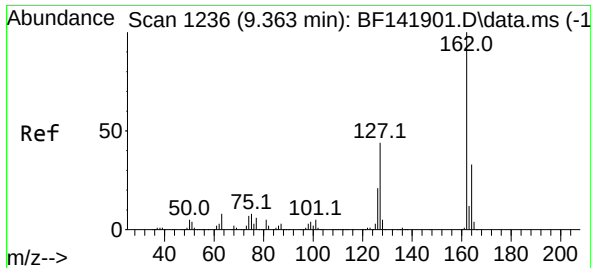
Ion Ratio Lower Upper

154 100

153 40.7 21.1 61.1

76 10.7 0.0 31.3





#47
2-Chloronaphthalene
Concen: 46.499 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

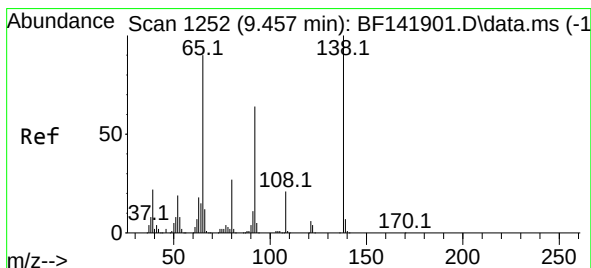
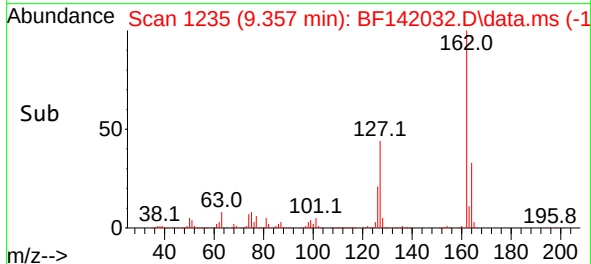
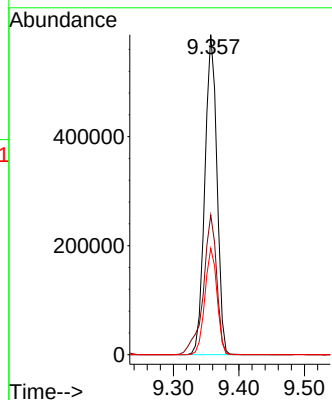
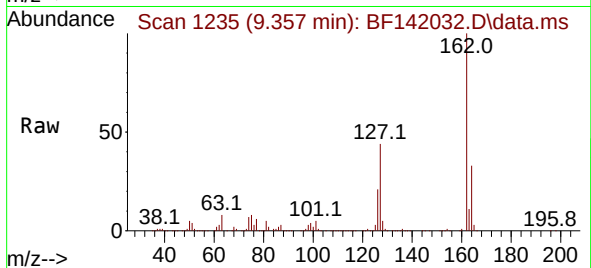
TP-3MSD

Tgt Ion:162 Resp: 755810
Ion Ratio Lower Upper
162 100
127 43.6 35.5 53.3
164 33.3 26.6 40.0

Manual Integrations

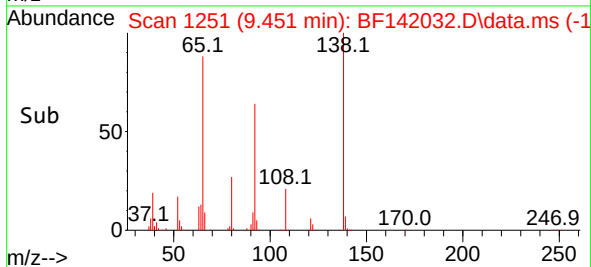
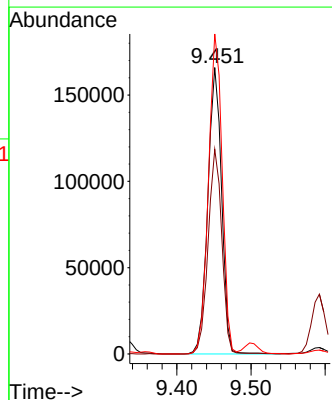
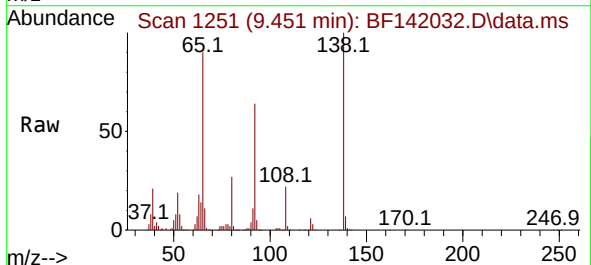
APPROVED

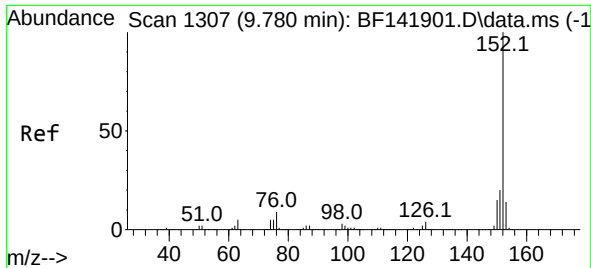
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#48
2-Nitroaniline
Concen: 45.631 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

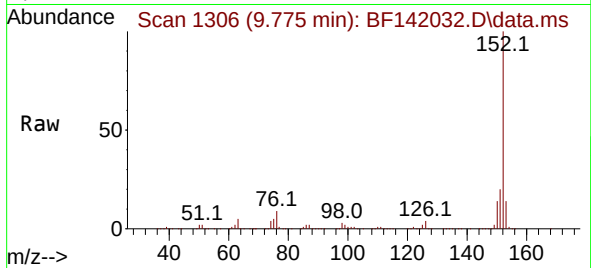
Tgt Ion: 65 Resp: 214754
Ion Ratio Lower Upper
65 100
92 71.4 56.6 84.8
138 111.7 88.6 133.0





#49
Acenaphthylene
Concen: 48.305 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

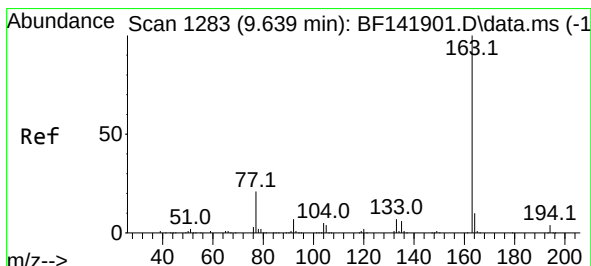
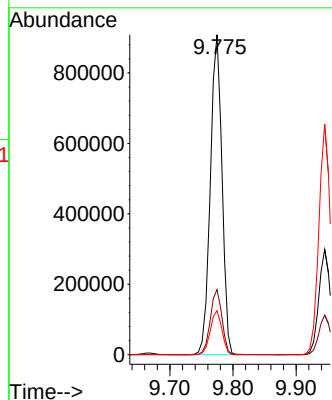
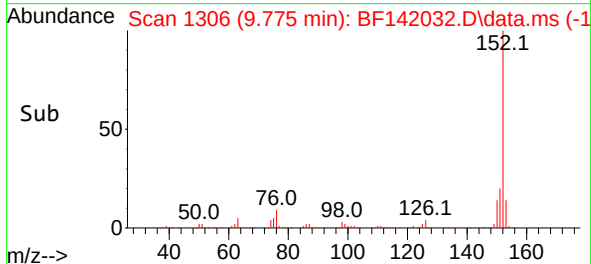
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



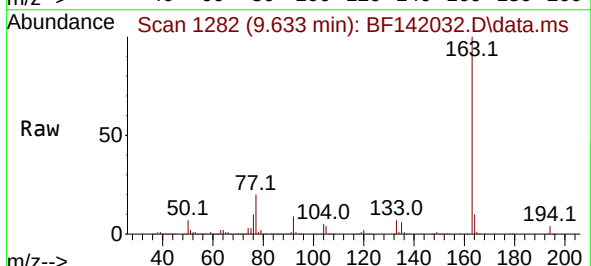
Tgt Ion:152 Resp: 116515
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.7 11.1 16.7

Manual Integrations
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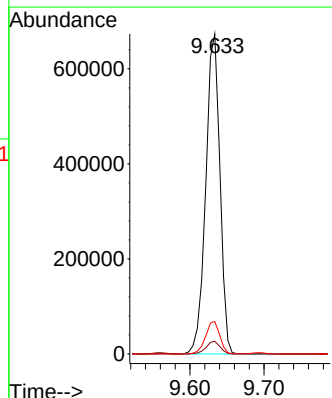
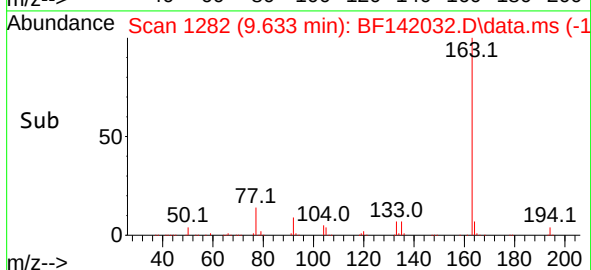
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

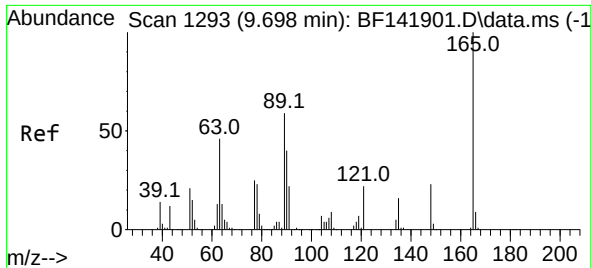


#50
Dimethylphthalate
Concen: 44.564 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21



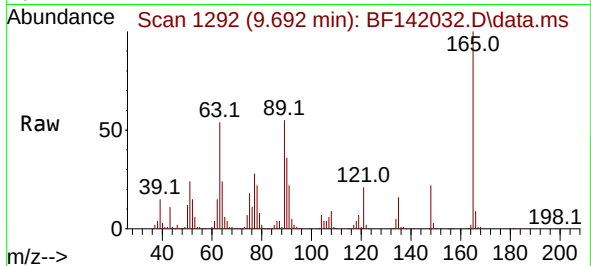
Tgt Ion:163 Resp: 895675
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 46.568 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

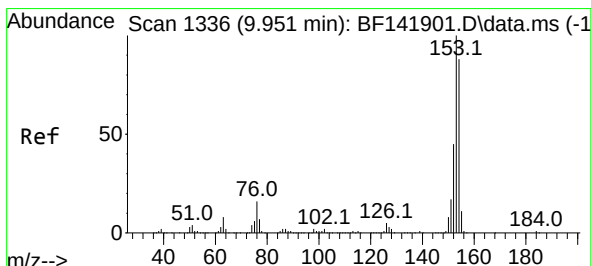
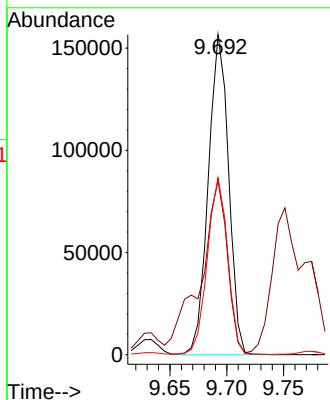
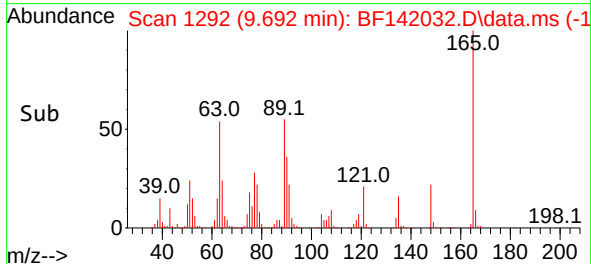
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:165 Resp: 194878
Ion Ratio Lower Upper
165 100
63 54.4 47.0 70.4
89 55.3 47.4 71.2

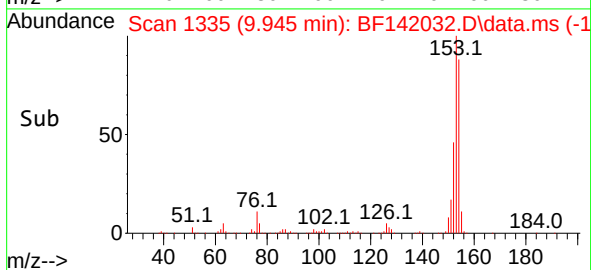
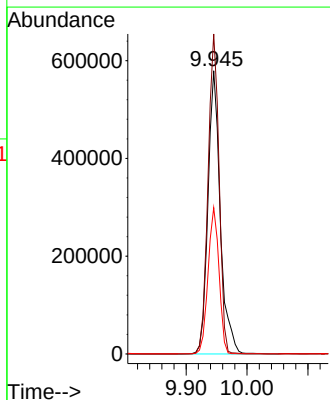
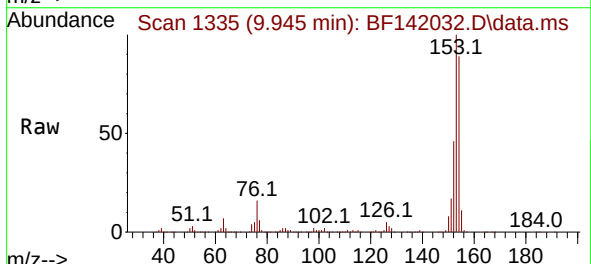
Manual Integrations
APPROVED

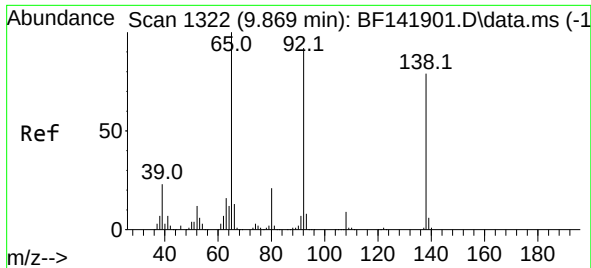
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#52
Acenaphthene
Concen: 48.135 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:154 Resp: 815935
Ion Ratio Lower Upper
154 100
153 113.0 90.7 136.1
152 51.6 41.1 61.7





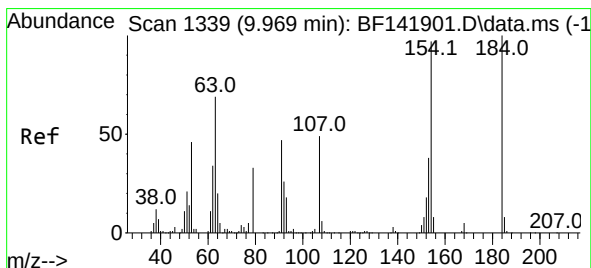
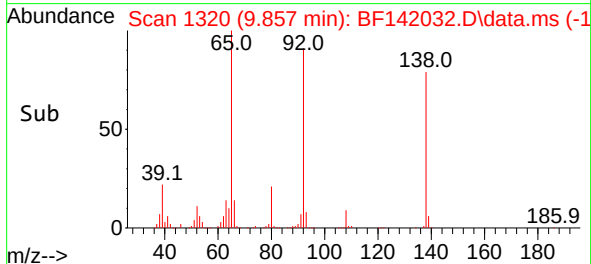
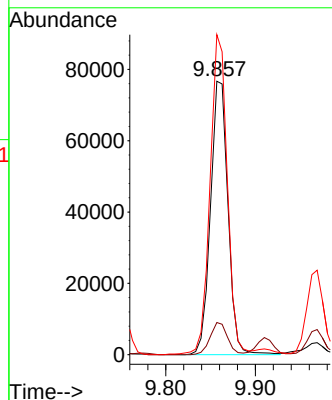
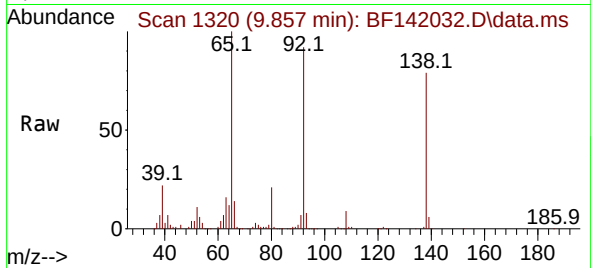
#53
3-Nitroaniline
Concen: 24.457 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:138 Resp: 103810
Ion Ratio Lower Upper
138 100
108 11.7 9.3 13.9
92 117.1 93.5 140.3

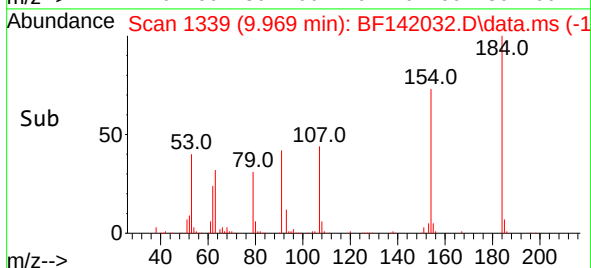
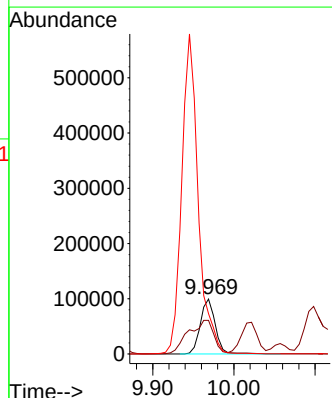
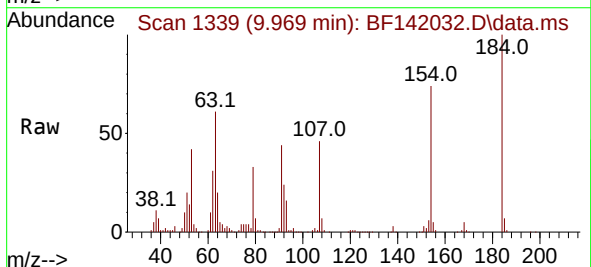
Manual Integrations
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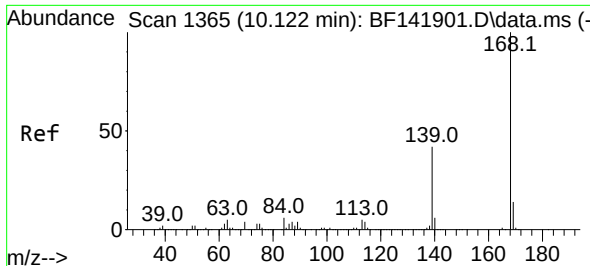
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#54
2,4-Dinitrophenol
Concen: 55.801 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

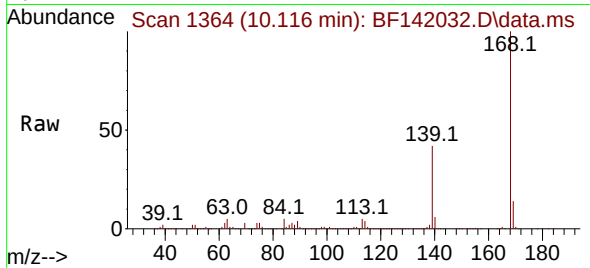
Tgt Ion:184 Resp: 127526
Ion Ratio Lower Upper
184 100
63 61.1 60.2 90.4
154 73.5 132.9 199.3#





#55
Dibenzenofuran
Concen: 44.055 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

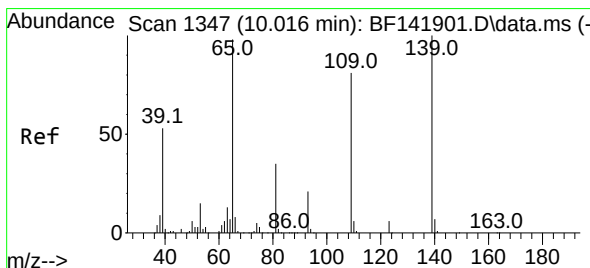
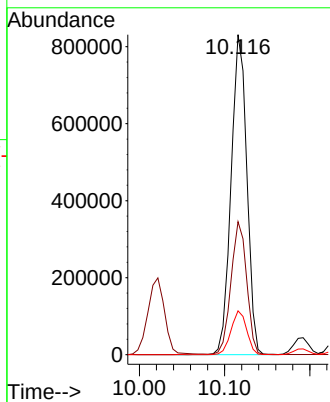
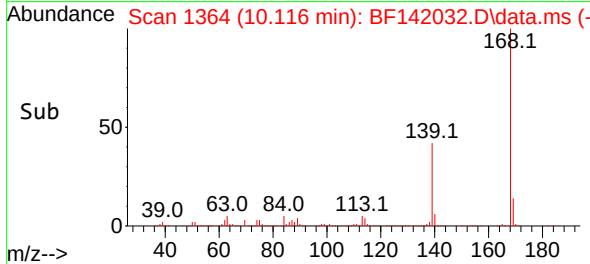
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:168 Resp: 1067059
Ion Ratio Lower Upper
168 100
139 41.6 33.9 50.9
169 13.7 11.0 16.4

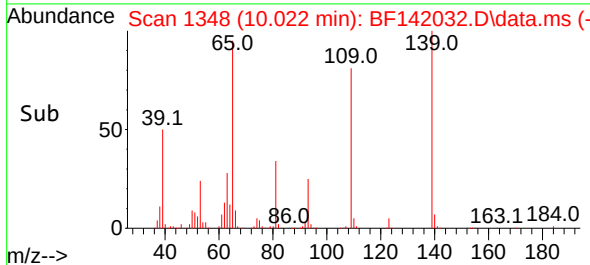
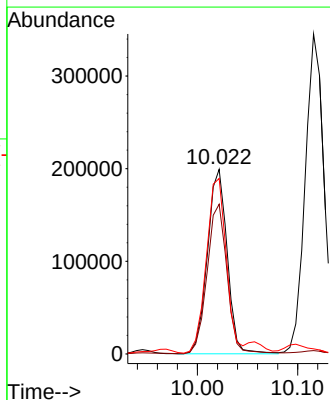
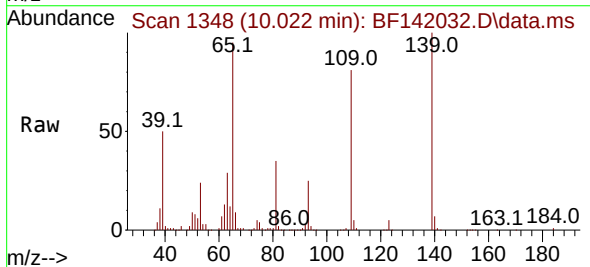
Manual Integrations
APPROVED

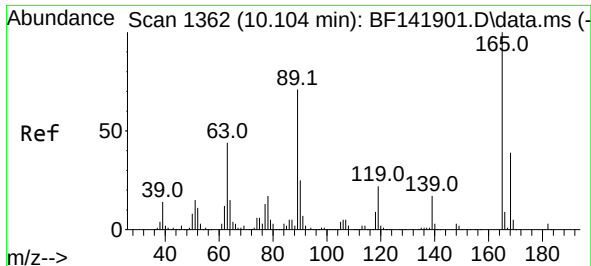
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#56
4-Nitrophenol
Concen: 85.568 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:139 Resp: 273919
Ion Ratio Lower Upper
139 100
109 81.1 61.6 101.6
65 95.0 79.4 119.4





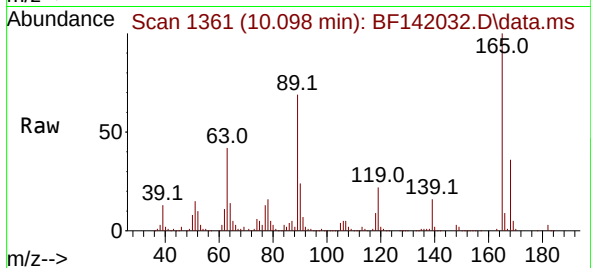
#57
2,4-Dinitrotoluene
Concen: 47.797 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

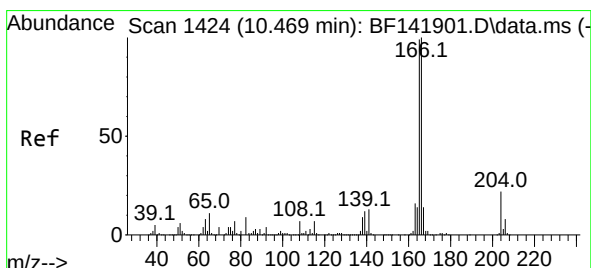
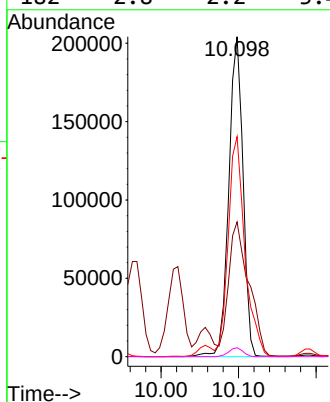
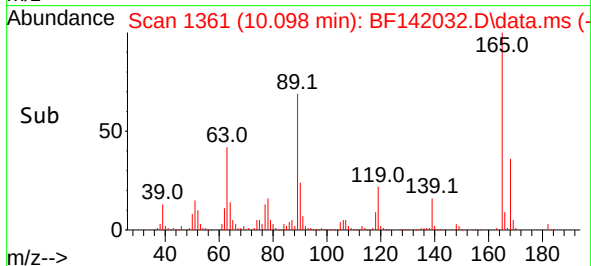


Tgt Ion:165 Resp: 26124
Ion Ratio Lower Upper
165 100
63 42.1 35.4 53.2
89 68.8 56.6 84.8
182 2.8 2.2 3.4

Manual Integrations

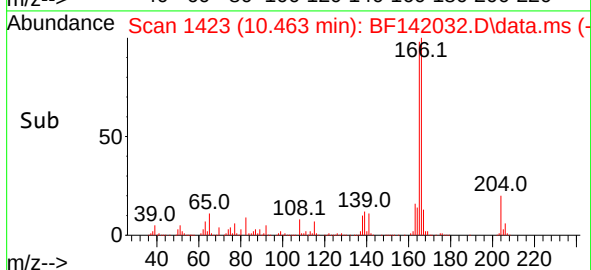
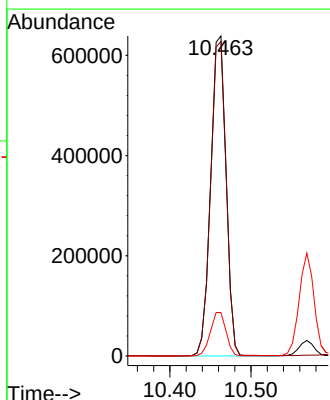
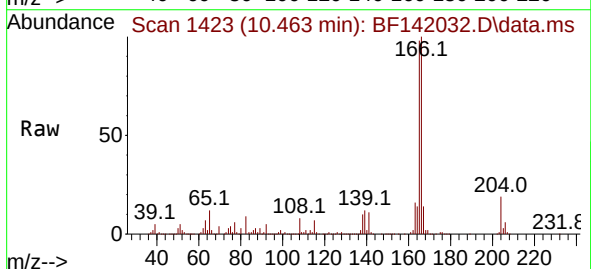
APPROVED

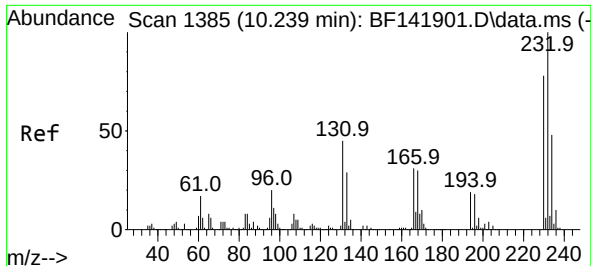
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#58
Fluorene
Concen: 45.093 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

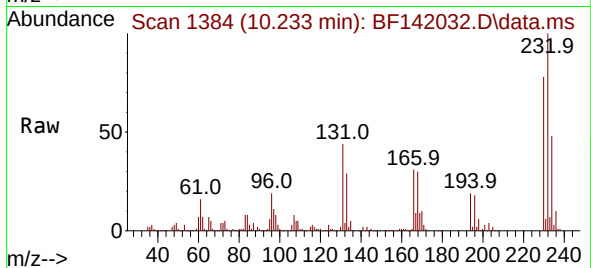
Tgt Ion:166 Resp: 842272
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.4
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.358 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

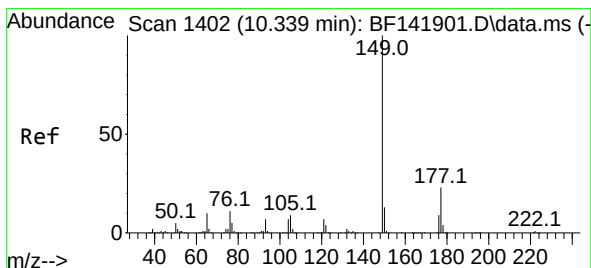
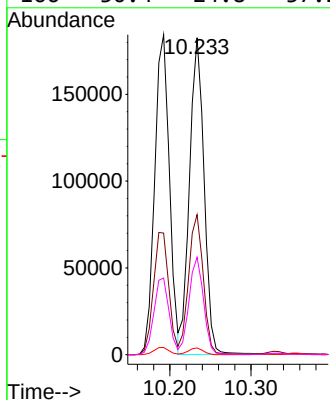
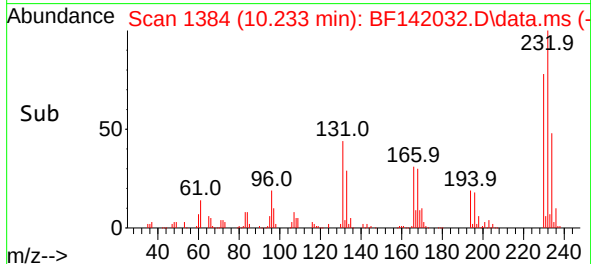
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:232 Resp: 22820
Ion Ratio Lower Upper
232 100
131 44.6 37.3 55.9
130 2.2 1.9 2.9
166 30.4 24.8 37.2

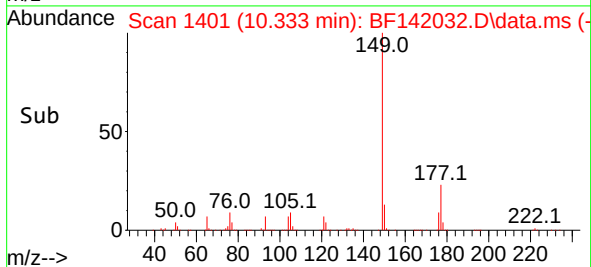
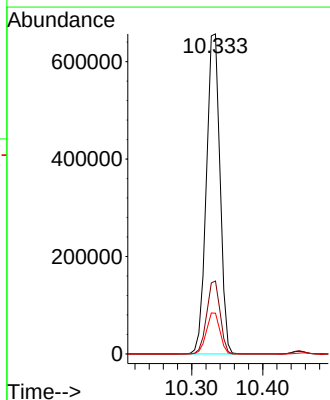
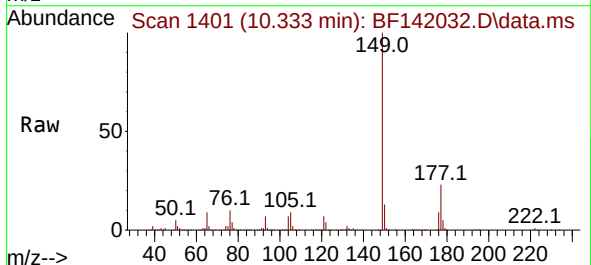
Manual Integrations
APPROVED

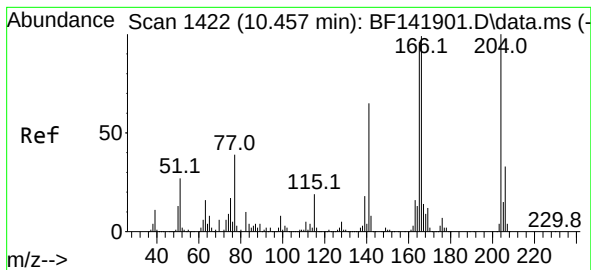
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#60
Diethylphthalate
Concen: 43.709 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

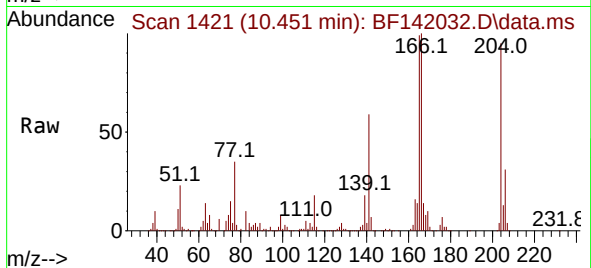
Tgt Ion:149 Resp: 875974
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.057 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

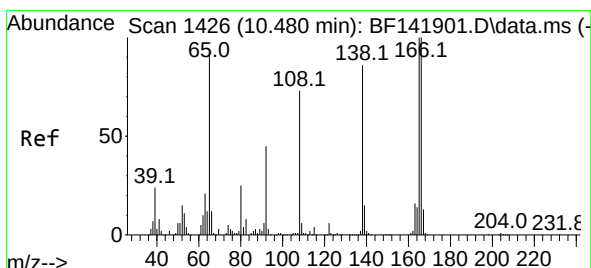
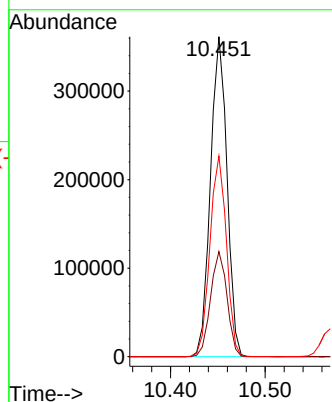
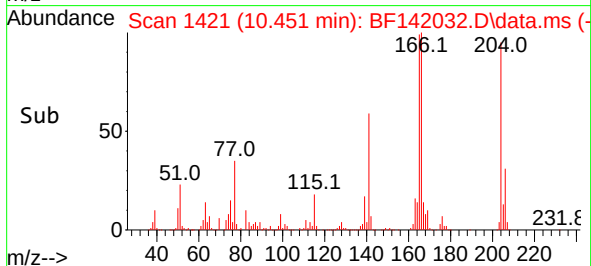
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:204 Resp: 43877
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 62.7 52.4 78.6

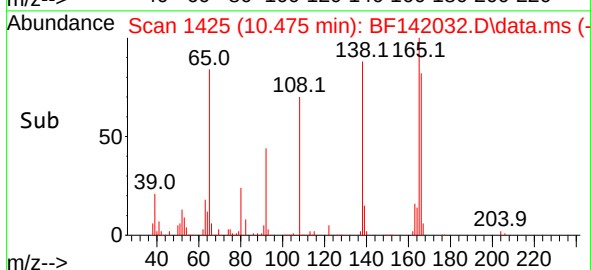
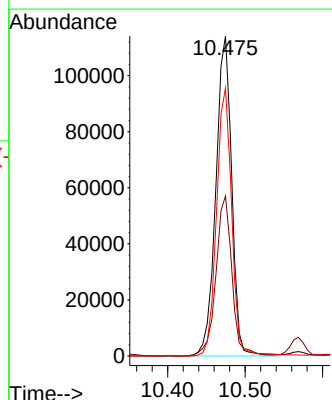
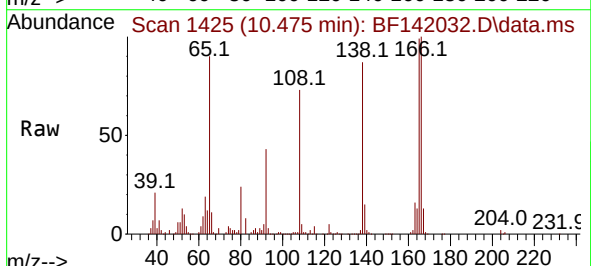
Manual Integrations
APPROVED

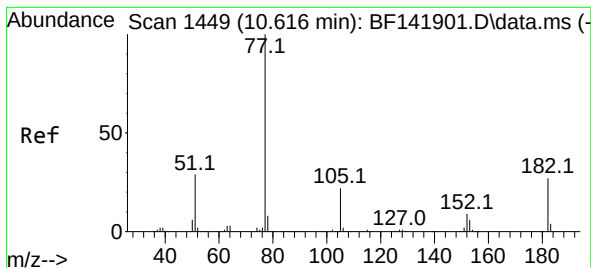
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#62
4-Nitroaniline
Concen: 39.349 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

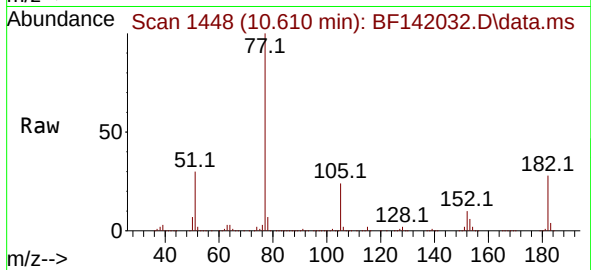
Tgt Ion:138 Resp: 162615
Ion Ratio Lower Upper
138 100
92 50.0 32.6 72.6
108 83.8 65.0 105.0





#63
Azobenzene
Concen: 44.494 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

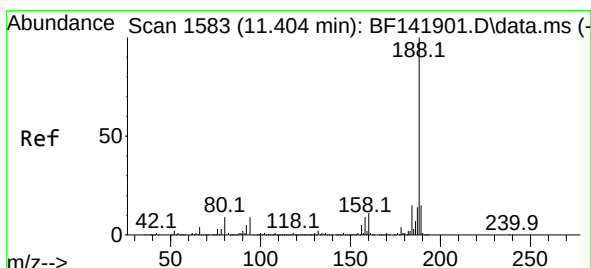
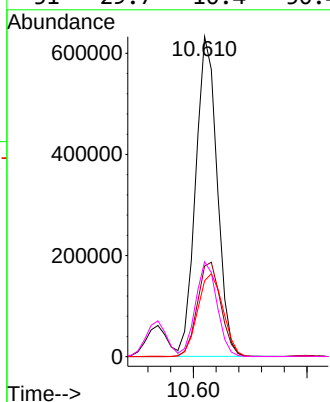
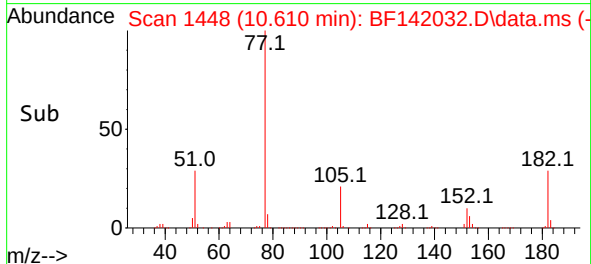
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion: 77 Resp: 82903
Ion Ratio Lower Upper
77 100
182 28.3 6.6 46.6
105 23.7 1.3 41.3
51 29.7 10.4 50.4

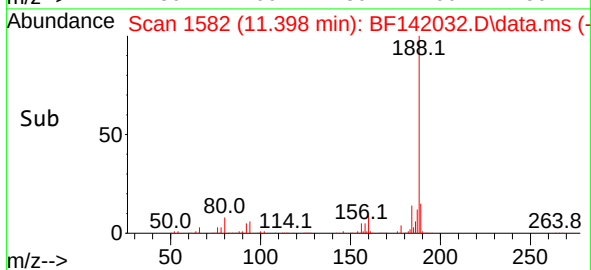
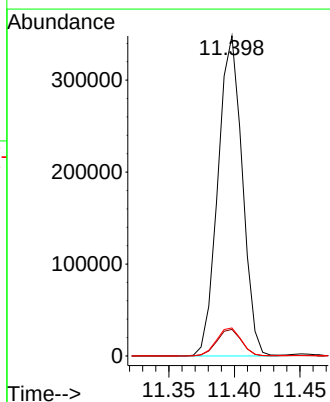
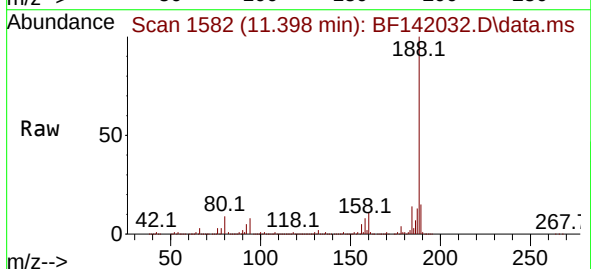
Manual Integrations
APPROVED

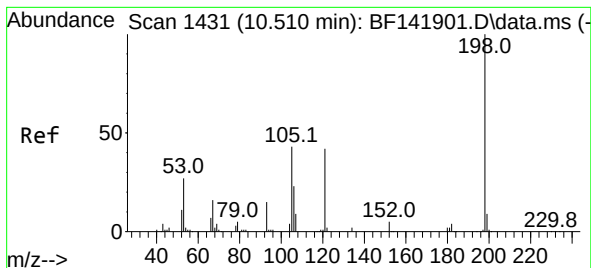
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:188 Resp: 449886
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.7 7.6 11.4





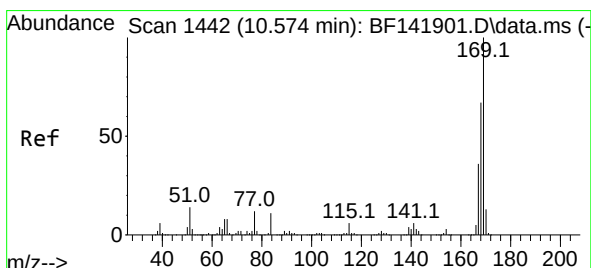
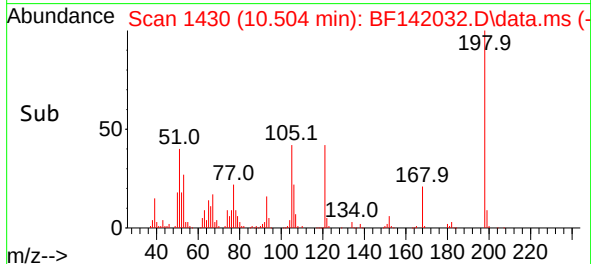
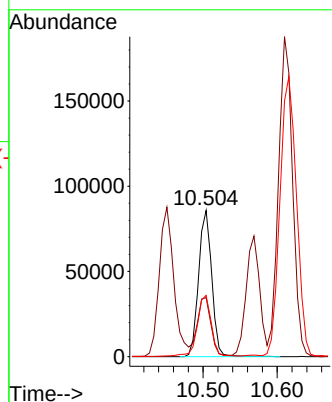
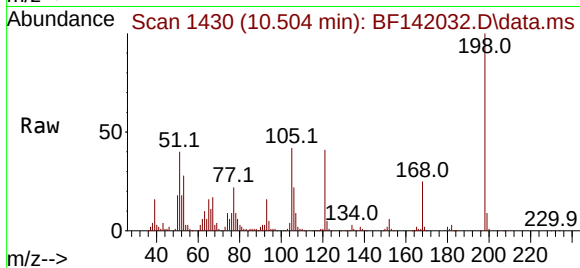
#65
4,6-Dinitro-2-methylphenol
Concen: 39.302 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:198 Resp: 105407
Ion Ratio Lower Upper
198 100
51 40.4 22.3 62.3
105 41.9 23.0 63.0

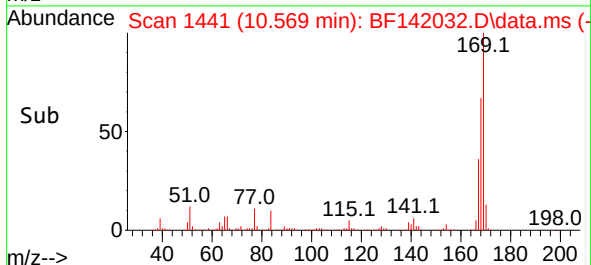
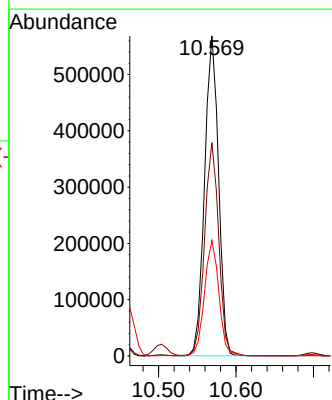
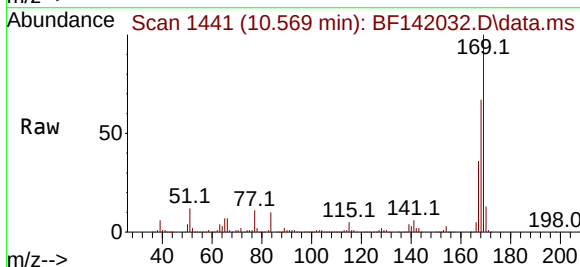
Manual Integrations
APPROVED

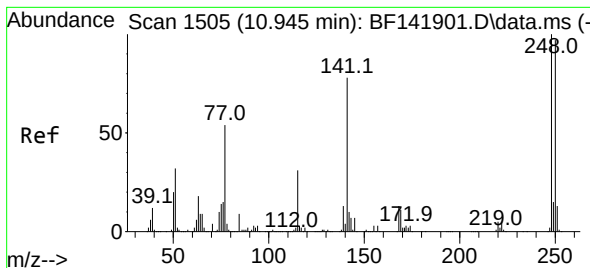
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#66
n-Nitrosodiphenylamine
Concen: 48.809 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:169 Resp: 710587
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.851 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

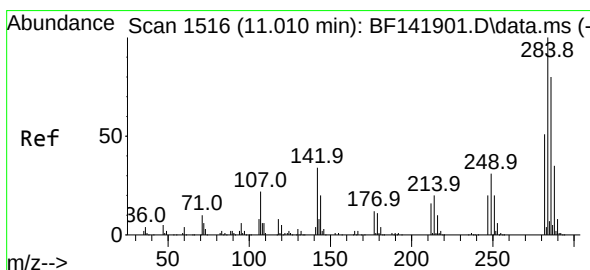
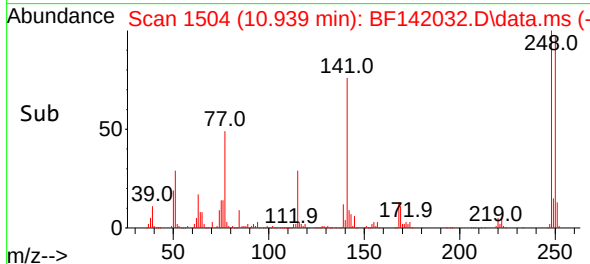
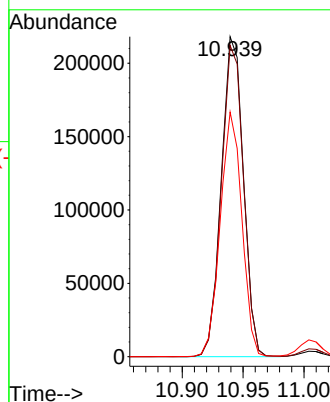
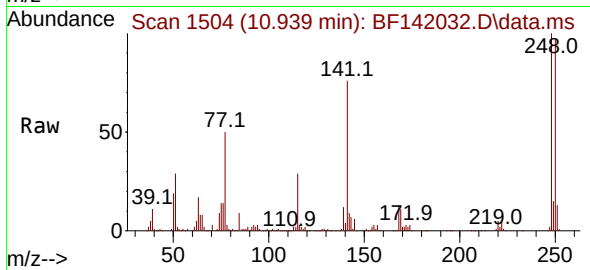
TP-3MSD

Tgt Ion:248 Resp: 276011
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 76.5 62.6 93.8

Manual Integrations

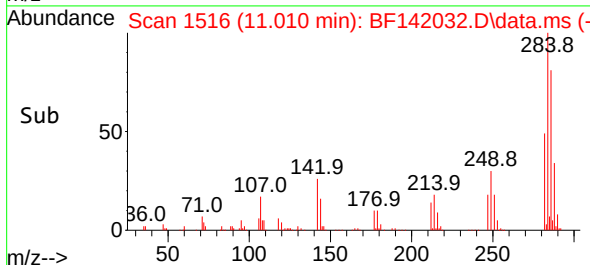
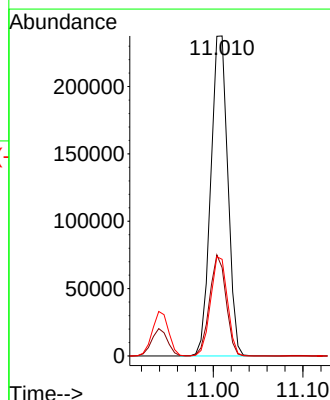
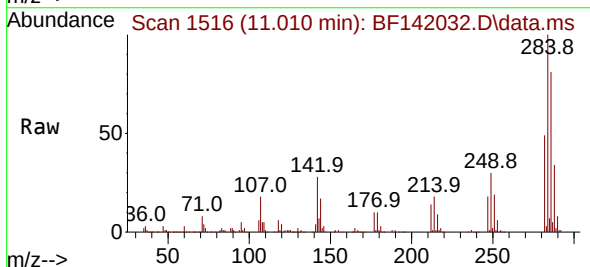
APPROVED

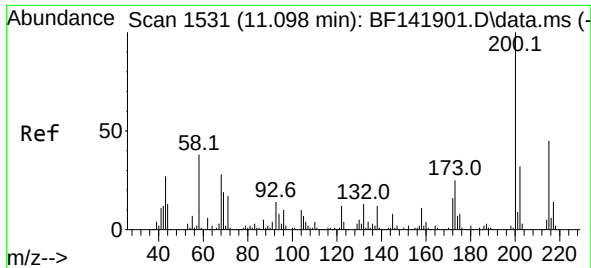
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#68
Hexachlorobenzene
Concen: 50.544 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

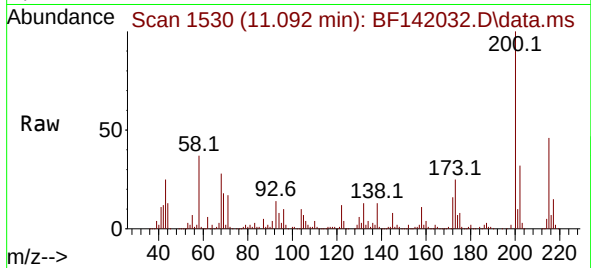
Tgt Ion:284 Resp: 313211
Ion Ratio Lower Upper
284 100
142 27.6 27.0 40.6
249 30.2 25.2 37.8





#69
 Atrazine
 Concen: 60.147 ng
 RT: 11.092 min Scan# 11092
 Delta R.T. -0.006 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

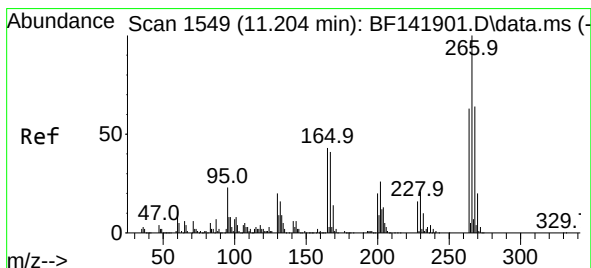
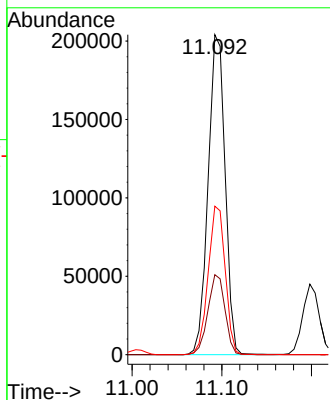
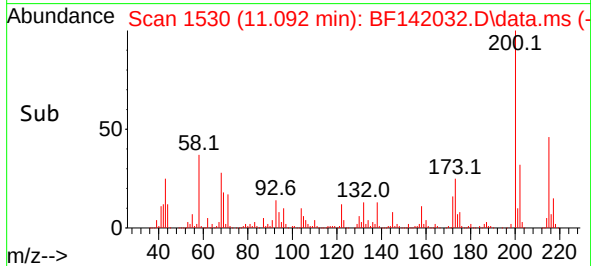
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD



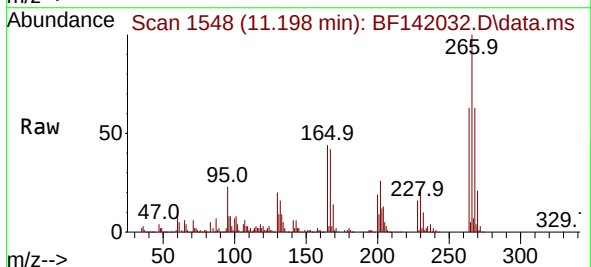
Tgt Ion:200 Resp: 268438
 Ion Ratio Lower Upper
 200 100
 173 25.0 4.7 44.7
 215 46.4 25.4 65.4

Manual Integrations
 APPROVED

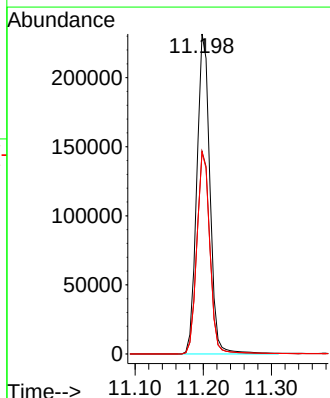
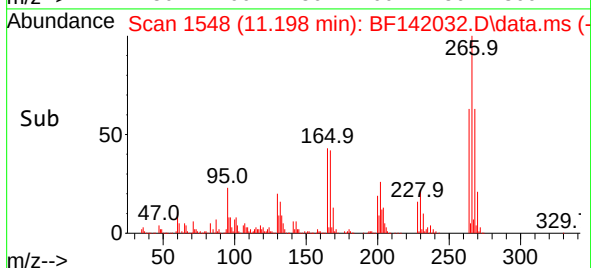
Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025

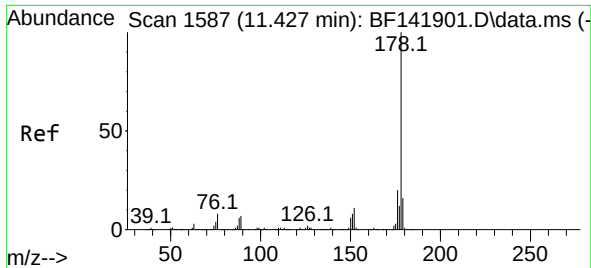


#70
 Pentachlorophenol
 Concen: 80.685 ng
 RT: 11.198 min Scan# 1548
 Delta R.T. -0.006 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21



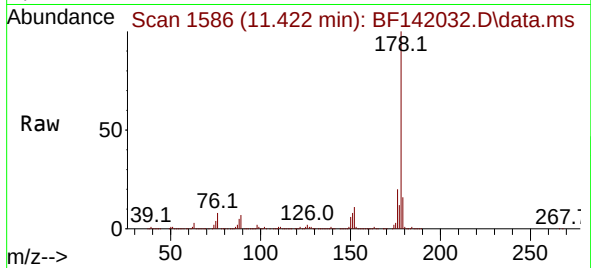
Tgt Ion:266 Resp: 308058
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.0 76.6
 264 63.1 50.2 75.2





#71
Phenanthrene
Concen: 54.396 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

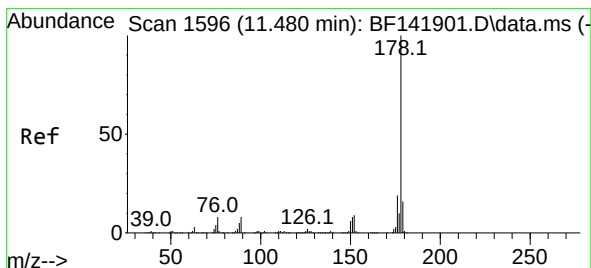
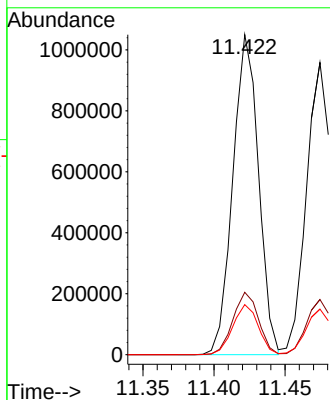
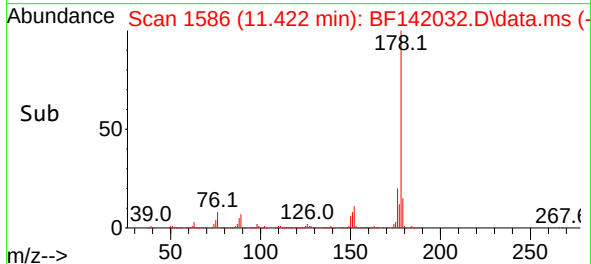
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:178 Resp: 1321815
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.7 12.6 19.0

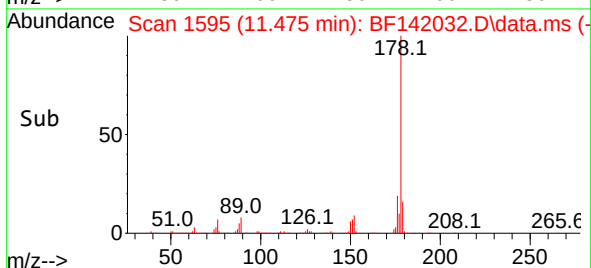
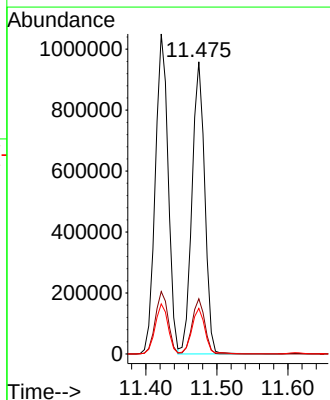
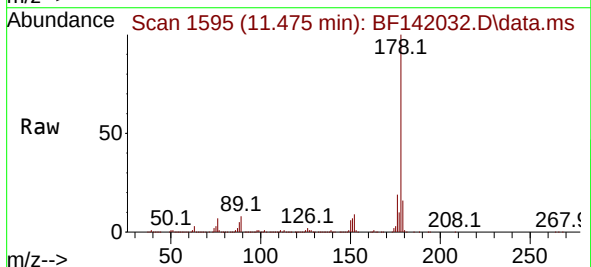
Manual Integrations
APPROVED

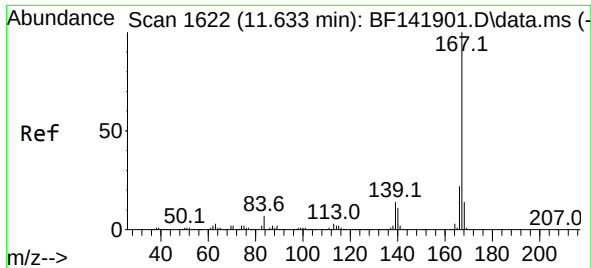
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#72
Anthracene
Concen: 49.013 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

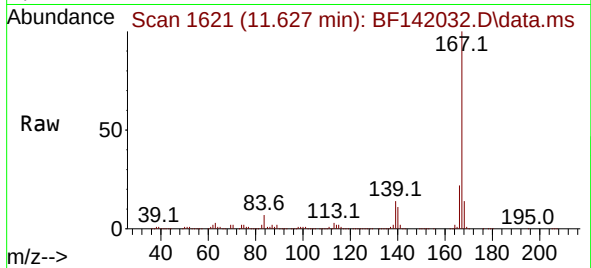
Tgt Ion:178 Resp: 1194884
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 44.933 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21

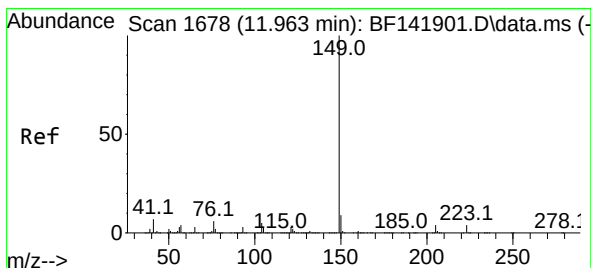
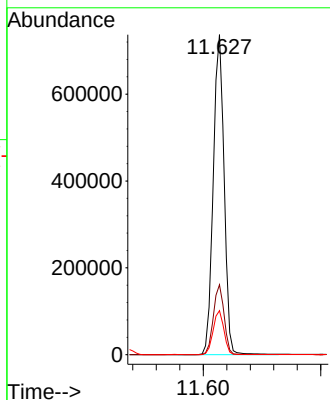
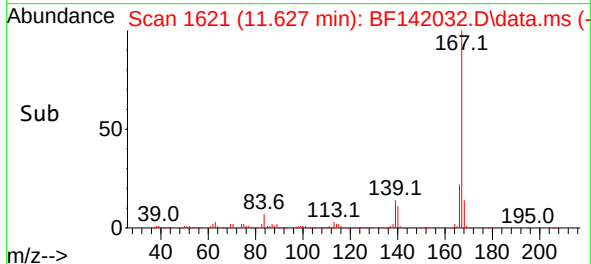
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD



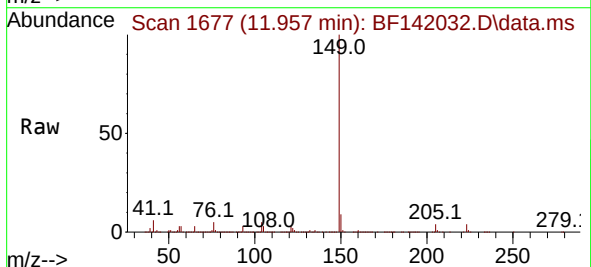
Tgt Ion:167 Resp: 944700
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.7 11.0 16.6

Manual Integrations
 APPROVED

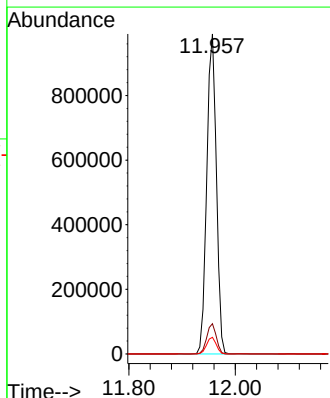
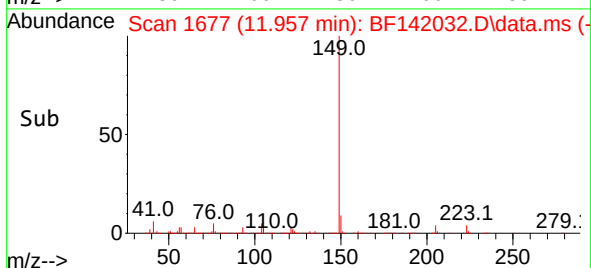
Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025

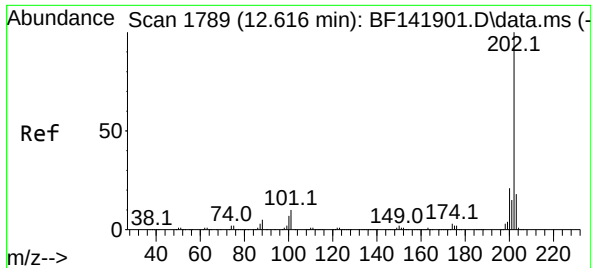


#74
 Di-n-butylphthalate
 Concen: 44.224 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142032.D
 Acq: 21 Mar 2025 16:21



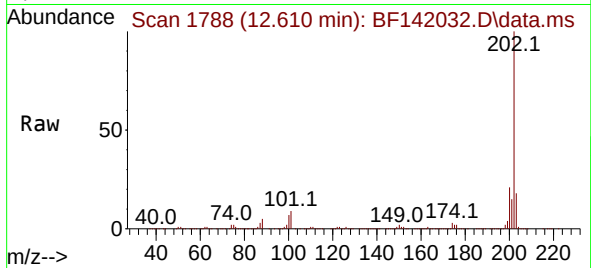
Tgt Ion:149 Resp: 1233741
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 51.778 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

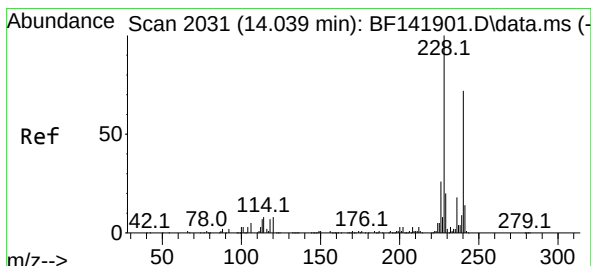
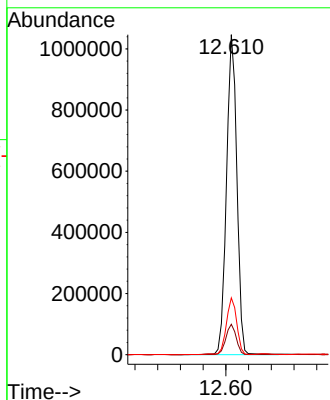
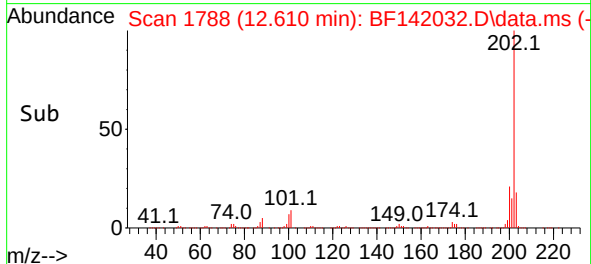
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:202 Resp: 133464
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.8 0.0 37.8

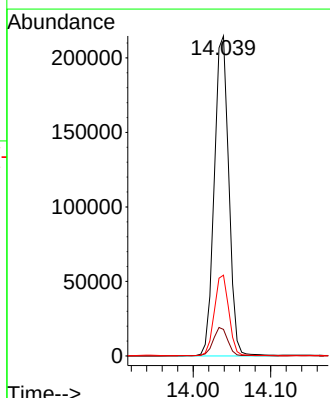
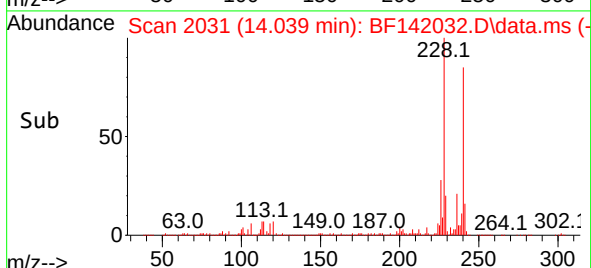
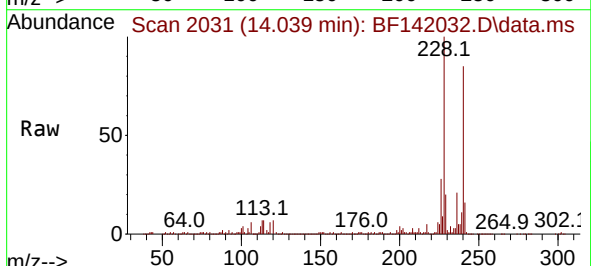
Manual Integrations
APPROVED

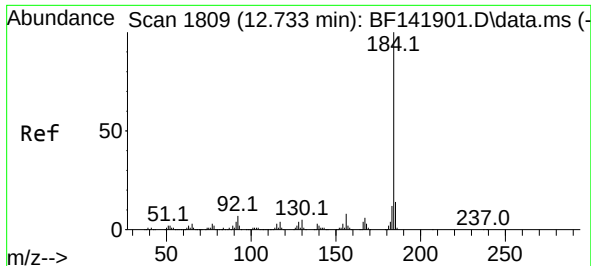
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

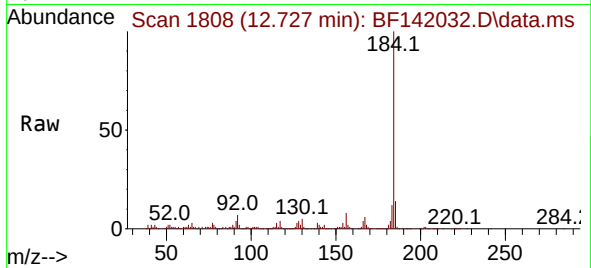
Tgt Ion:240 Resp: 279718
Ion Ratio Lower Upper
240 100
120 8.3 8.4 12.6#
236 25.2 20.5 30.7





#77
Benzidine
Concen: 58.146 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

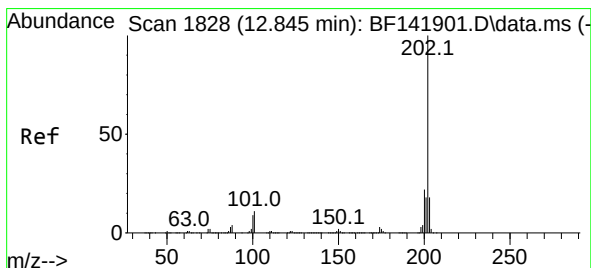
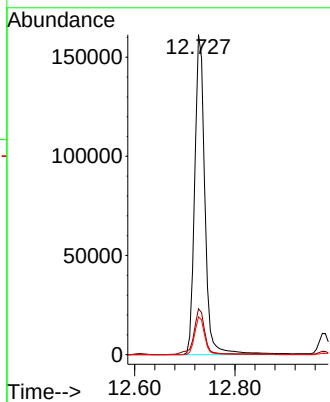
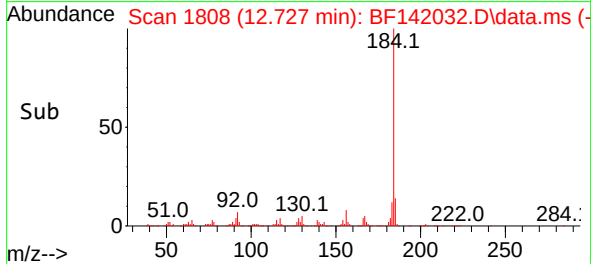
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:184 Resp: 22692
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.8 9.7 14.5

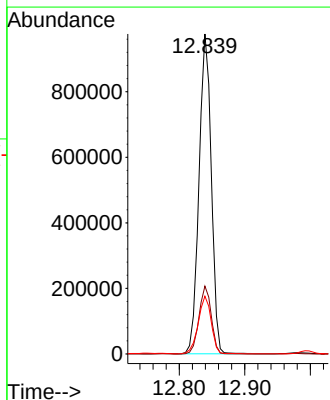
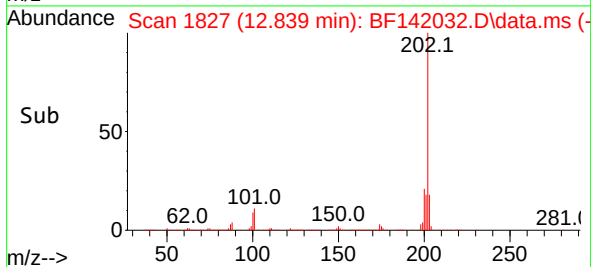
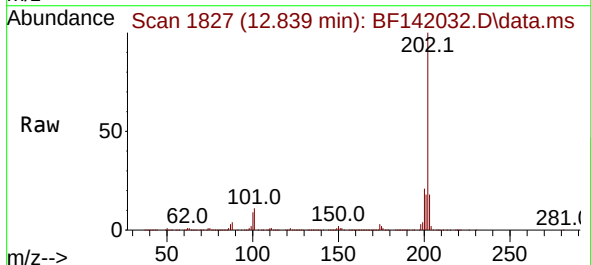
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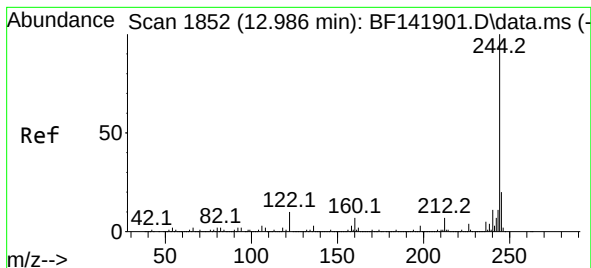
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#78
Pyrene
Concen: 52.573 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:202 Resp: 1272063
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 18.1 14.4 21.6





#79

Terphenyl-d14

Concen: 52.444 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF142032.D

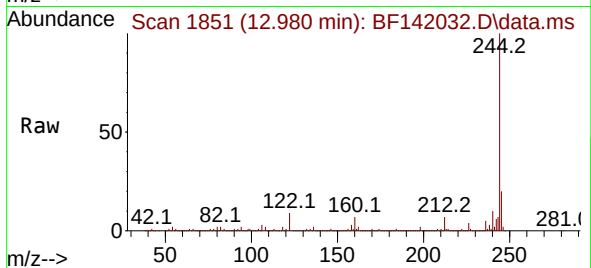
Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD



Tgt Ion:244 Resp: 992229

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

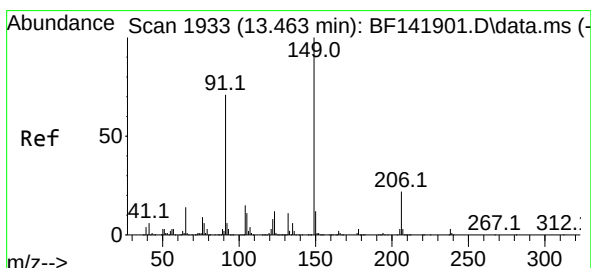
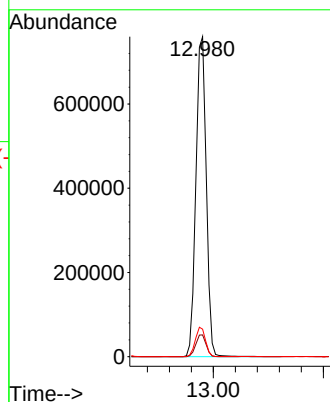
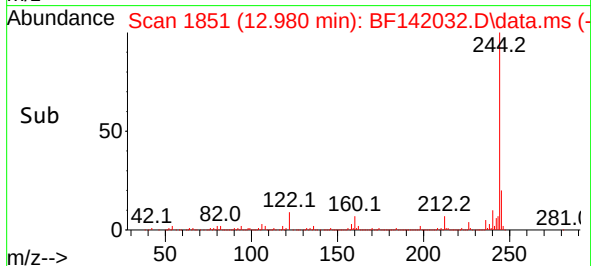
122 8.6 7.7 11.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#80

Butylbenzylphthalate

Concen: 43.144 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

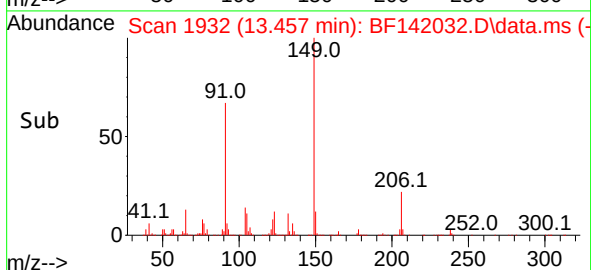
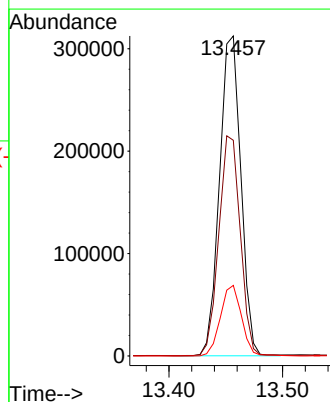
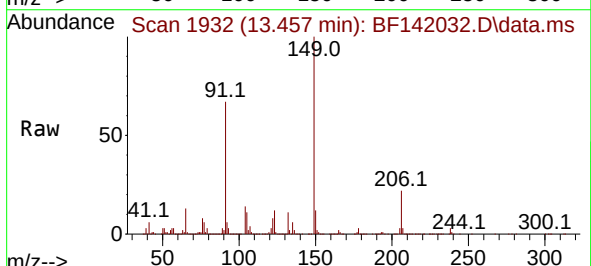
Tgt Ion:149 Resp: 408585

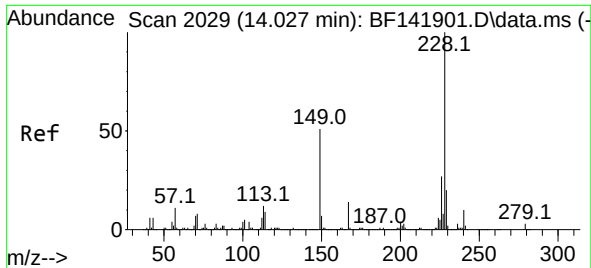
Ion Ratio Lower Upper

149 100

91 67.4 56.5 84.7

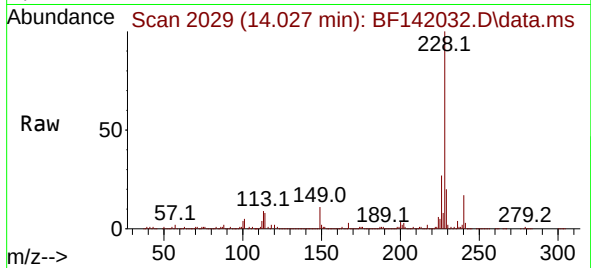
206 22.1 17.3 25.9





#81
Benzo(a)anthracene
Concen: 53.686 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

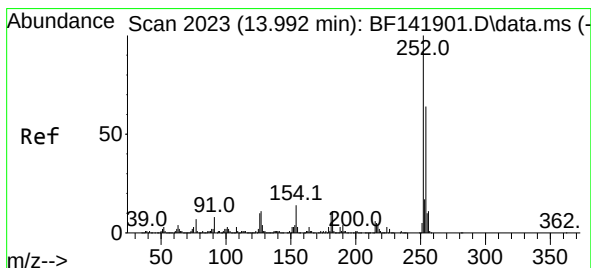
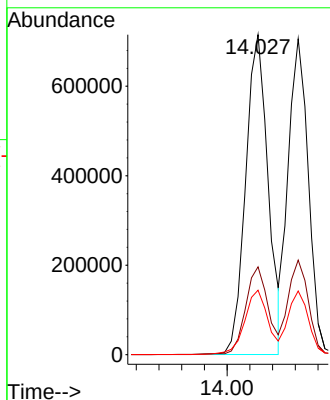
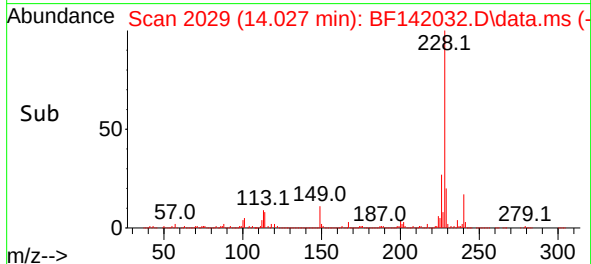
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



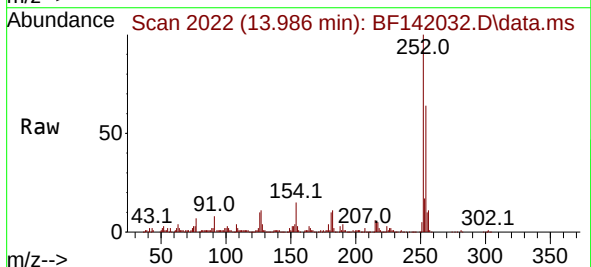
Tgt Ion:228 Resp: 985410
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.2 16.0 24.0

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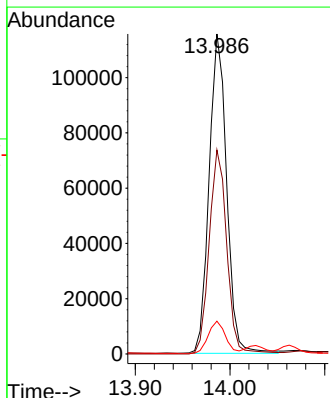
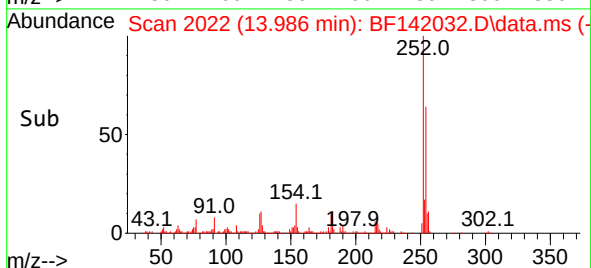
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025

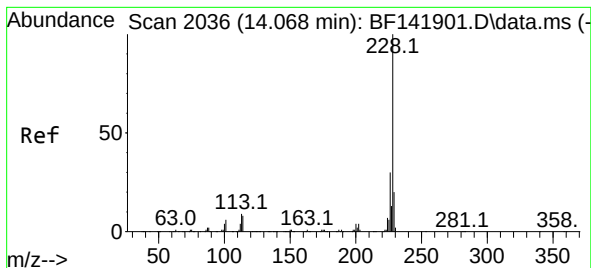


#82
3,3'-Dichlorobenzidine
Concen: 27.996 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21



Tgt Ion:252 Resp: 148504
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 10.2 8.4 12.6





#83

Chrysene

Concen: 51.802 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:228 Resp: 861900

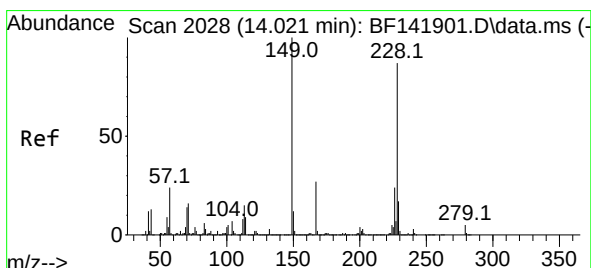
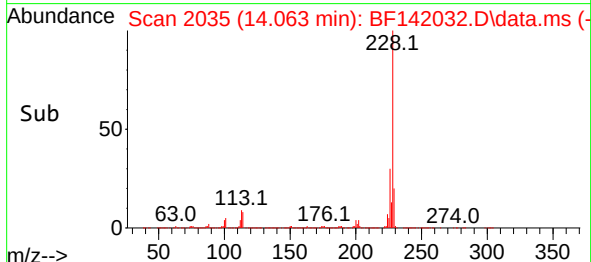
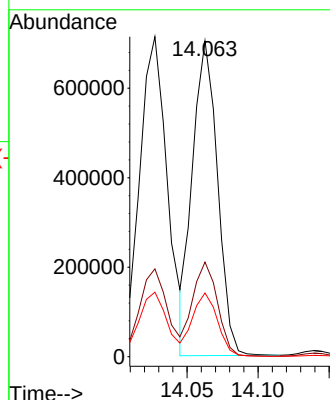
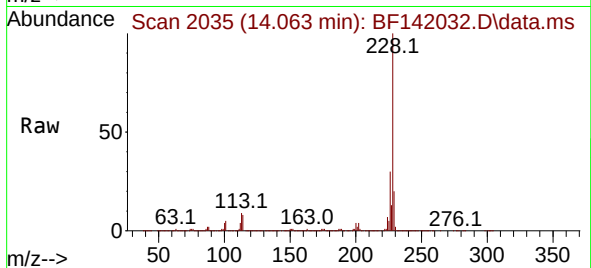
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.2	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.566 ng

RT: 14.010 min Scan# 2026

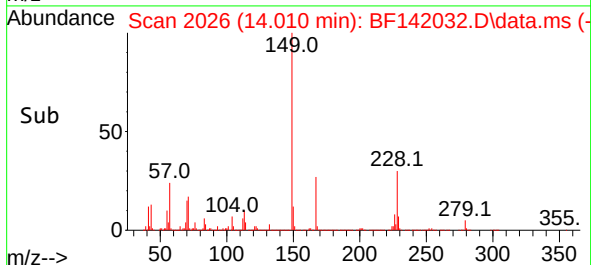
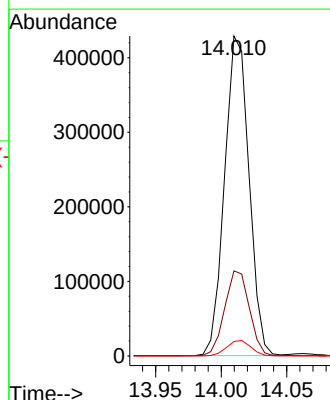
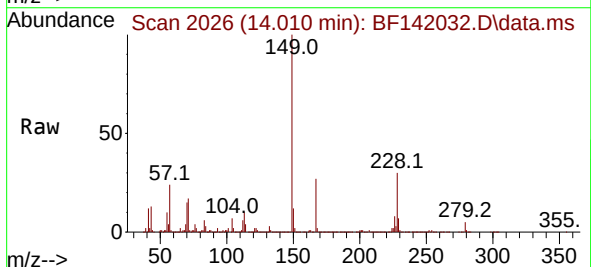
Delta R.T. -0.012 min

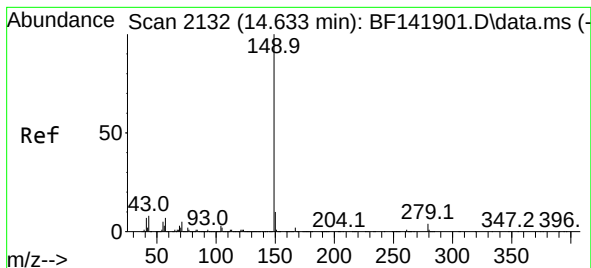
Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Tgt Ion:149 Resp: 555814

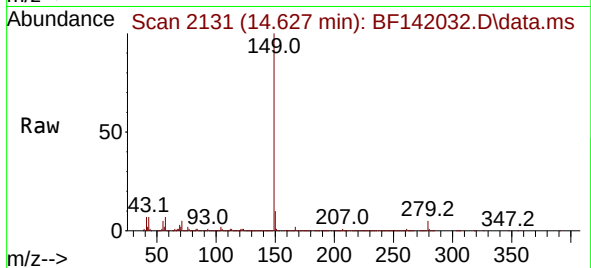
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.4	32.0
279	4.5	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 51.491 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

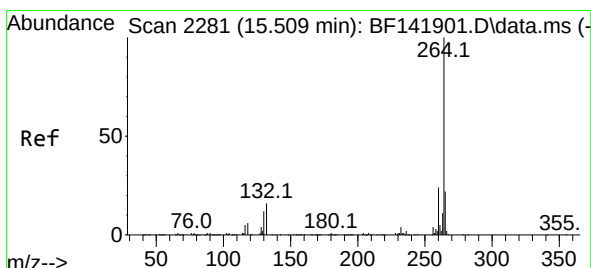
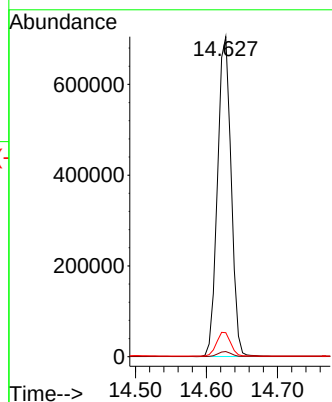
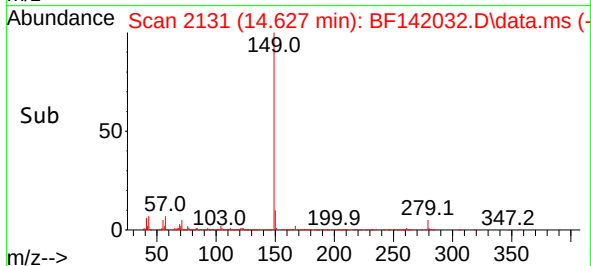
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:149 Resp: 93550
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.6 6.9 10.3

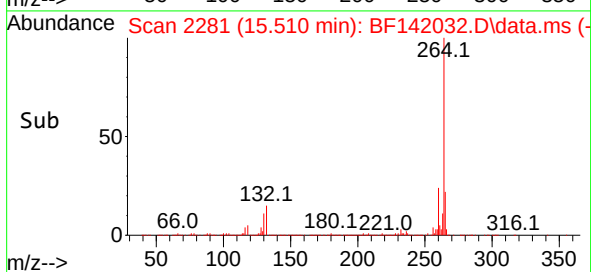
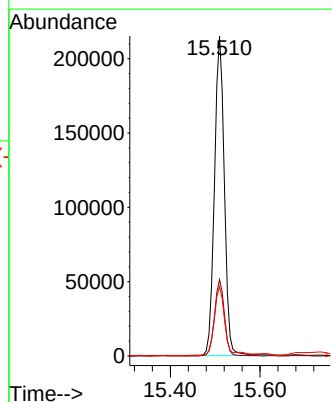
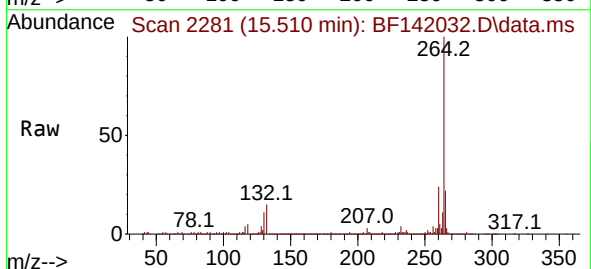
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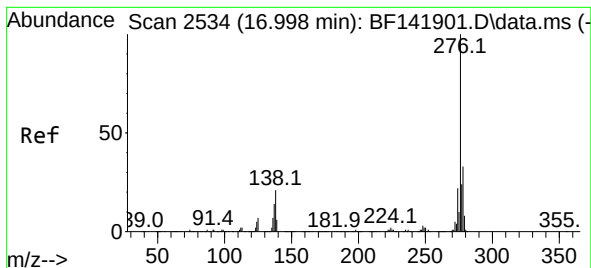
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:264 Resp: 329737
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.686 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:276 Resp: 108114

Ion Ratio Lower Upper

276 100

138 20.6 18.4 27.6

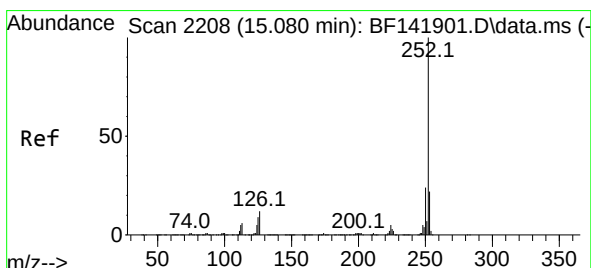
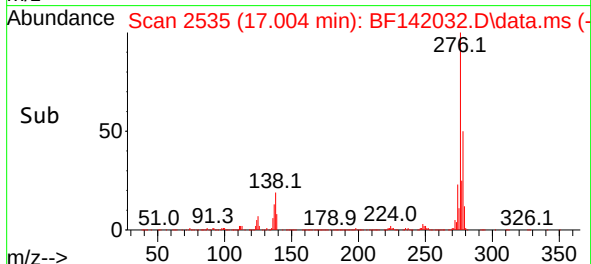
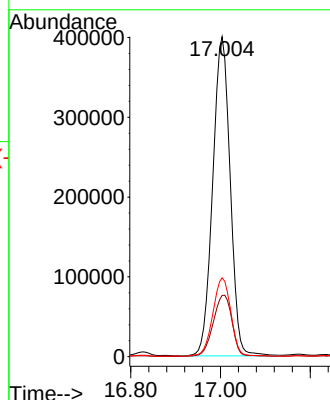
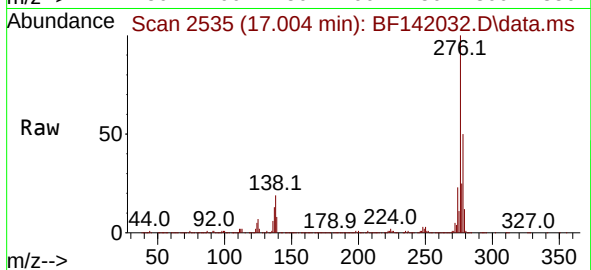
277 25.3 20.3 30.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#88

Benzo(b)fluoranthene

Concen: 47.103 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142032.D

Acq: 21 Mar 2025 16:21

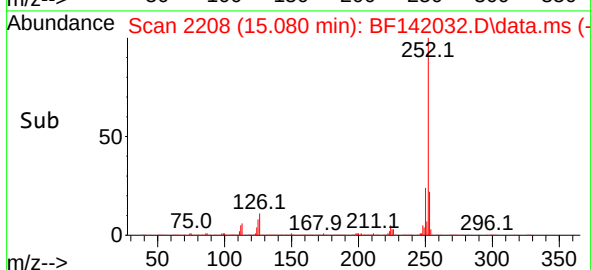
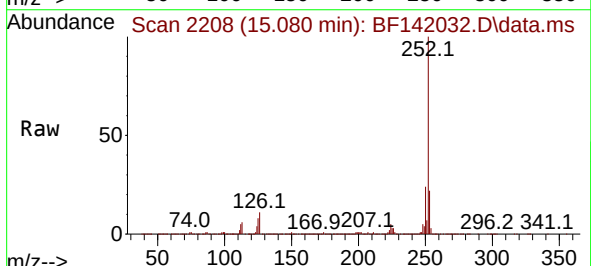
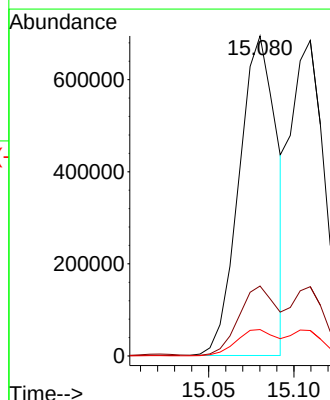
Tgt Ion:252 Resp: 1064459

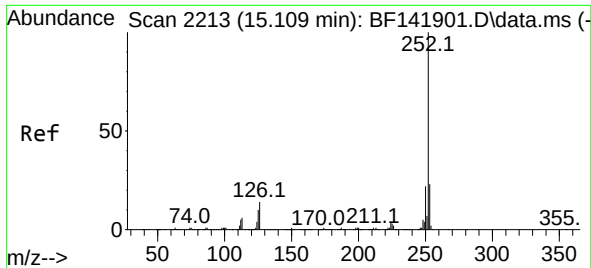
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

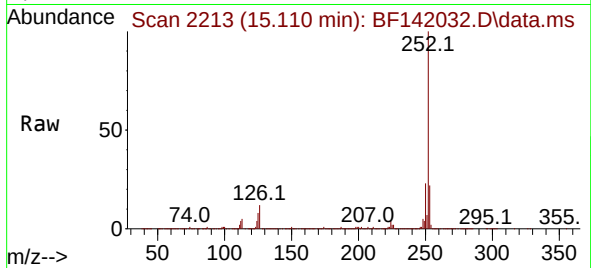
125 8.3 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 48.440 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

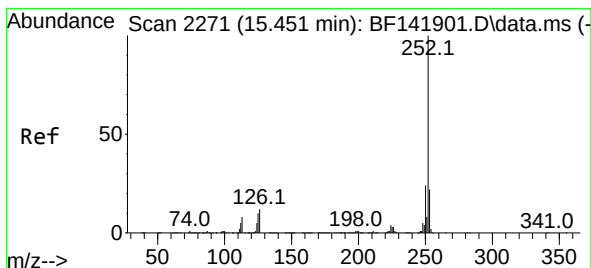
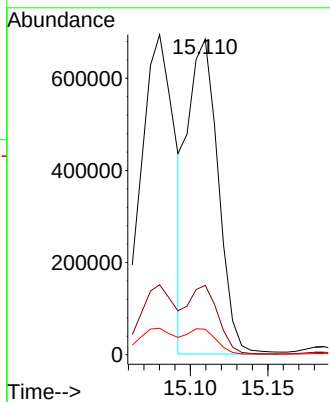
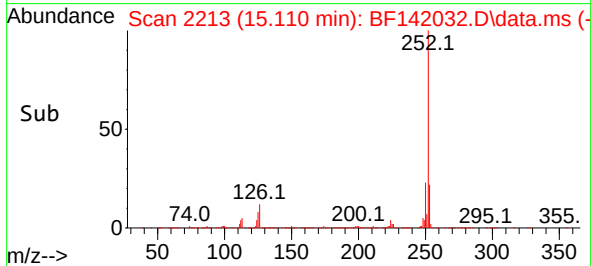
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:252 Resp: 93679
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.1 7.2 10.8

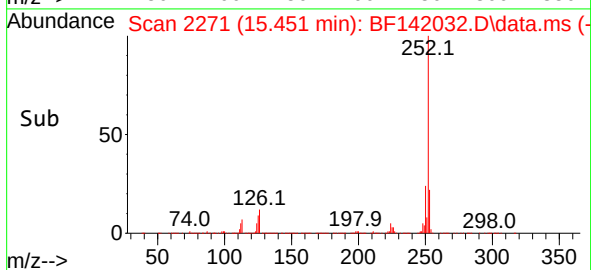
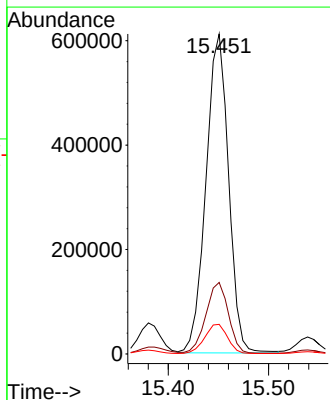
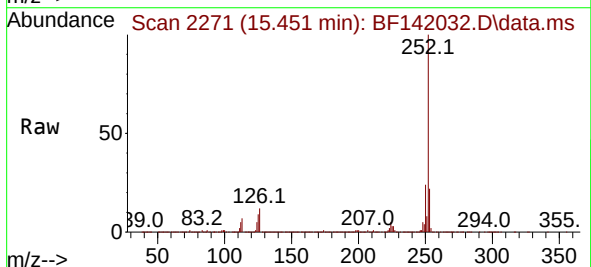
Manual Integrations
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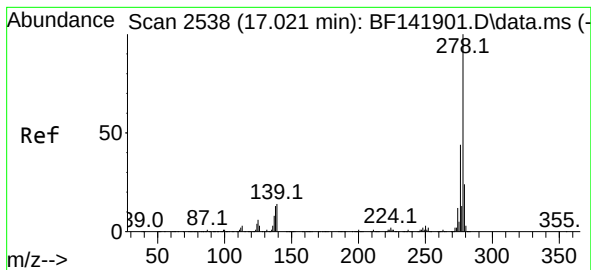
Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#90
Benzo(a)pyrene
Concen: 54.171 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

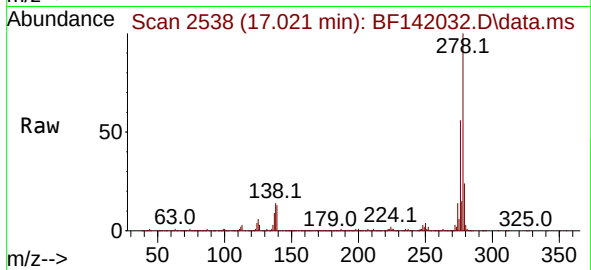
Tgt Ion:252 Resp: 957883
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.2 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 47.735 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

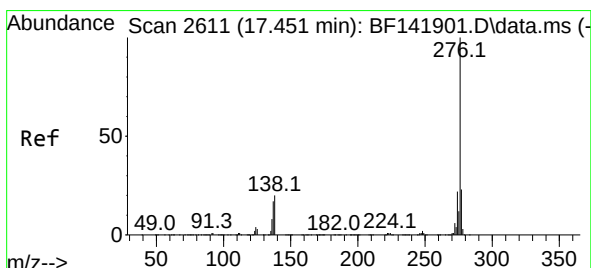
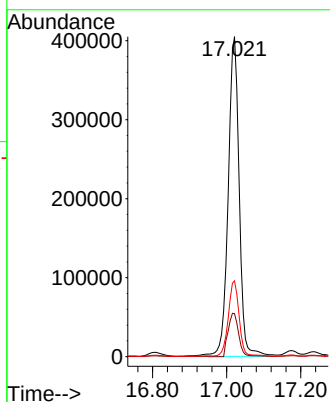
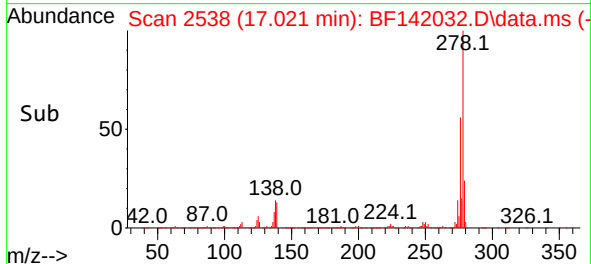
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:278 Resp: 840080
Ion Ratio Lower Upper
278 100
139 13.4 11.4 17.2
279 23.7 18.8 28.2

Manual Integrations
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Reviewed By :Anahy Claudio 03/24/2025
Supervised By :Jagrut Upadhyay 03/24/2025



#92
Benzo(g,h,i)perylene
Concen: 47.797 ng
RT: 17.456 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF142032.D
Acq: 21 Mar 2025 16:21

Tgt Ion:276 Resp: 831254
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 17.8 15.8 23.8

