

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137212.D
 Acq On : 31 Jan 2024 16:03
 Operator : CG\JU
 Sample : P1297-01MSD 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024

Quant Time: Feb 01 01:18:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	41549	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	147799	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	83263	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	167847	20.000	ng	0.00
76) Chrysene-d12	13.974	240	143710	20.000	ng	0.00
86) Perylene-d12	15.457	264	102445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	62165	24.688	ng	0.00
7) Phenol-d6	6.422	99	77902	21.679	ng	0.00
23) Nitrobenzene-d5	7.351	82	51631	15.640	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	25061	26.651	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	101482	16.755	ng	0.00
79) Terphenyl-d14	12.916	244	145537	13.767	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	11402	8.463	ng	93
3) Pyridine	3.298	79	20139	9.952	ng	92
4) n-Nitrosodimethylamine	3.240	42	7868	11.067	ng	# 89
6) Aniline	6.457	93	14320	3.723	ng	# 73
8) 2-Chlorophenol	6.575	128	26327	9.351	ng	97
9) Benzaldehyde	6.345	77	9426	6.888	ng	90
10) Phenol	6.434	94	34349	8.564	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	25042	9.342	ng	93
12) 1,3-Dichlorobenzene	6.734	146	31881	9.658	ng	98
13) 1,4-Dichlorobenzene	6.810	146	31071	9.101	ng	99
14) 1,2-Dichlorobenzene	6.963	146	32028	10.034	ng	99
15) Benzyl Alcohol	6.928	79	23852	9.343	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	46446	9.619	ng	99
17) 2-Methylphenol	7.039	107	20342	8.648	ng	96
18) Hexachloroethane	7.304	117	13046	10.596	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	24547	9.963	ng	98
20) 3+4-Methylphenols	7.192	107	28900	9.706	ng	# 83
22) Acetophenone	7.198	105	44933	11.293	ng	# 95
24) Nitrobenzene	7.369	77	30606	9.552	ng	100
25) Isophorone	7.604	82	64982	10.664	ng	# 96
26) 2-Nitrophenol	7.686	139	11858	11.521	ng	# 86
27) 2,4-Dimethylphenol	7.722	122	18069	10.375	ng	88
28) bis(2-Chloroethoxy)met...	7.822	93	33332	10.301	ng	98
29) 2,4-Dichlorophenol	7.928	162	21502	9.952	ng	95
30) 1,2,4-Trichlorobenzene	8.010	180	27779	10.351	ng	98
31) Naphthalene	8.092	128	84602	10.588	ng	99
32) Benzoic acid	7.792	122	10773m	15.733	ng	
33) 4-Chloroaniline	8.145	127	11409	4.151	ng	94
34) Hexachlorobutadiene	8.210	225	19130	10.720	ng	99
35) Caprolactam	8.475	113	8009m	11.921	ng	
36) 4-Chloro-3-methylphenol	8.616	107	24859	9.741	ng	97
37) 2-Methylnaphthalene	8.786	142	58230	10.870	ng	99
38) 1-Methylnaphthalene	8.880	142	54891	11.032	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	29394	10.550	ng	97
41) Hexachlorocyclopentadiene	8.933	237	7327	5.522	ng	93
43) 2,4,6-Trichlorophenol	9.057	196	17052	10.791	ng	90

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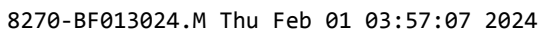
Quant Time: Feb 01 01:18:21 2024
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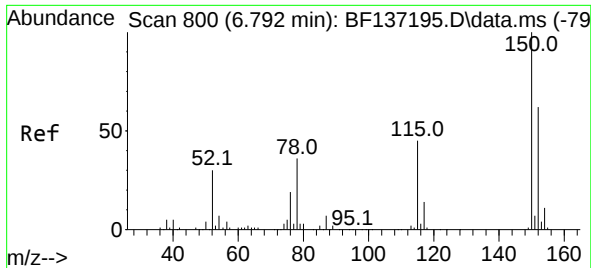
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	17635	10.210	ng	94
46) 1,1'-Biphenyl	9.251	154	70891	10.701	ng	97
47) 2-Chloronaphthalene	9.269	162	49874	10.173	ng	97
48) 2-Nitroaniline	9.369	65	15401	9.706	ng	96
49) Acenaphthylene	9.686	152	83460	10.634	ng	99
50) Dimethylphthalate	9.545	163	61780	10.983	ng	100
51) 2,6-Dinitrotoluene	9.610	165	12952	10.798	ng	91
52) Acenaphthene	9.857	154	55155	11.957	ng	98
53) 3-Nitroaniline	9.780	138	7847	7.270	ng	98
54) 2,4-Dinitrophenol	9.904	184	1011	13.169	ng	# 36
55) Dibenzofuran	10.033	168	79238	10.797	ng	98
56) 4-Nitrophenol	9.939	139	15155	21.964	ng	91
57) 2,4-Dinitrotoluene	10.010	165	16262	10.449	ng	# 95
58) Fluorene	10.374	166	67443	11.722	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	15643	9.733	ng	# 80
60) Diethylphthalate	10.251	149	63166	11.405	ng	100
61) 4-Chlorophenyl-phenyle...	10.374	204	31471	11.005	ng	95
62) 4-Nitroaniline	10.392	138	10108	9.783	ng	87
63) Azobenzene	10.533	77	62670	10.217	ng	93
65) 4,6-Dinitro-2-methylph...	10.422	198	1493	6.943	ng	# 44
66) n-Nitrosodiphenylamine	10.486	169	52104	10.209	ng	97
67) 4-Bromophenyl-phenylether	10.863	248	19378	10.500	ng	# 90
68) Hexachlorobenzene	10.922	284	20917	10.147	ng	97
69) Atrazine	11.022	200	20047	11.899	ng	98
70) Pentachlorophenol	11.121	266	26148	22.127	ng	96
71) Phenanthrene	11.339	178	141890	16.148	ng	98
72) Anthracene	11.392	178	118681	12.958	ng	97
73) Carbazole	11.551	167	91785	11.992	ng	98
74) Di-n-butylphthalate	11.892	149	104585	12.640	ng	100
75) Fluoranthene	12.539	202	244637	26.606	ng	99
77) Benzidine	12.674	184	39235	15.247	ng	97
78) Pyrene	12.768	202	233009	16.872	ng	99
80) Butylbenzylphthalate	13.404	149	44862	12.698	ng	99
81) Benzo(a)anthracene	13.963	228	191705	18.836	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	18901	6.816	ng	98
83) Chrysene	13.998	228	176245	17.614	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	66640	16.213	ng	99
85) Di-n-octyl phthalate	14.586	149	107382	16.431	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	88356	12.276	ng	97
88) Benzo(b)fluoranthene	15.021	252	153028	24.289	ng	98
89) Benzo(k)fluoranthene	15.051	252	91800	13.773	ng	98
90) Benzo(a)pyrene	15.392	252	108165	18.243	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	58052	10.066	ng	# 94
92) Benzo(g,h,i)perylene	17.398	276	73851	13.047	ng	100

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

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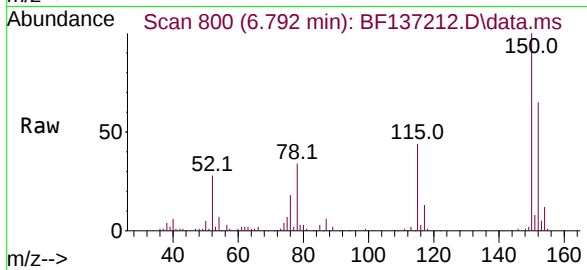
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

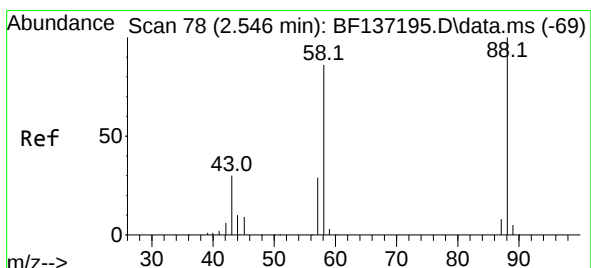
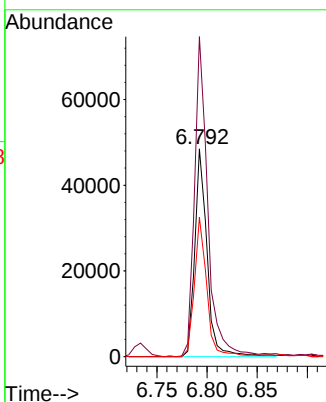
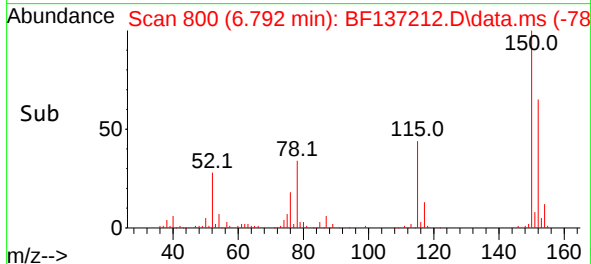


Tgt Ion:152 Resp: 41549
Ion Ratio Lower Upper
152 100
150 154.0 129.8 194.8
115 67.1 58.5 87.7

Manual Integrations

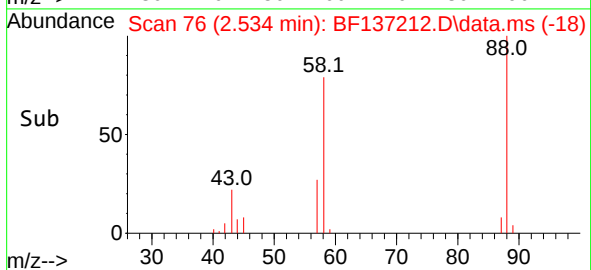
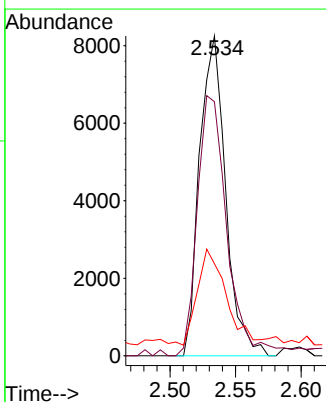
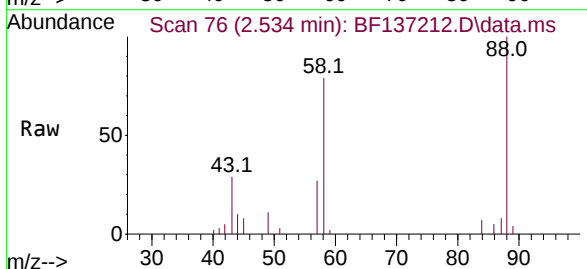
APPROVED

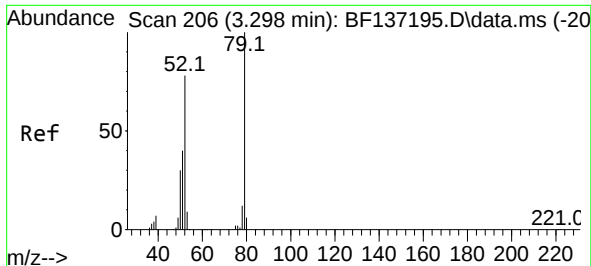
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#2
1,4-Dioxane
Concen: 8.463 ng
RT: 2.534 min Scan# 76
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

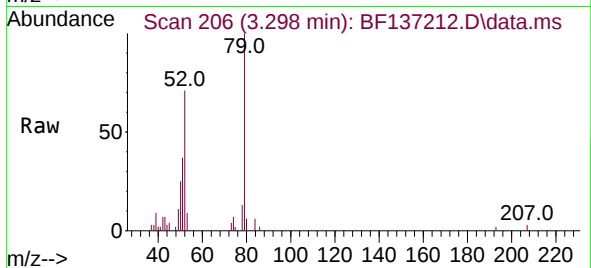
Tgt Ion: 88 Resp: 11402
Ion Ratio Lower Upper
88 100
58 92.9 67.8 101.8
43 31.7 26.6 40.0





#3
Pyridine
Concen: 9.952 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

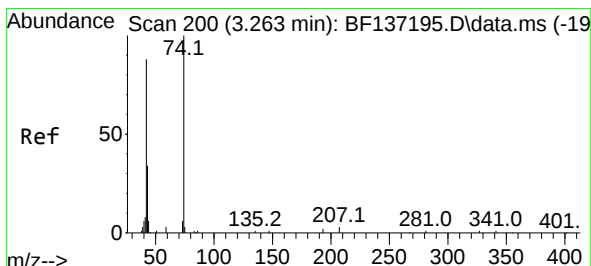
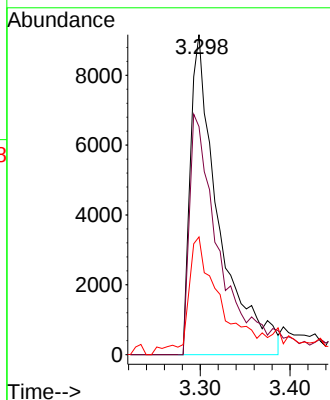
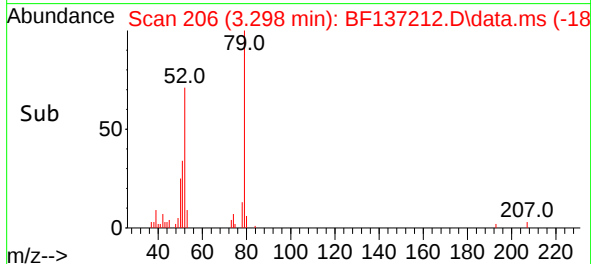
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



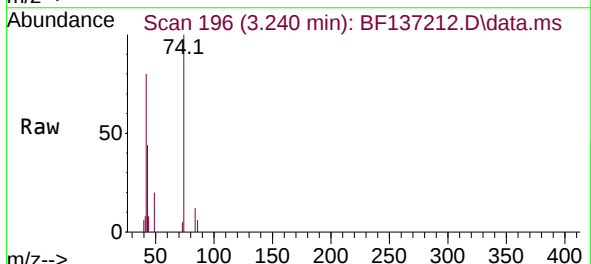
Tgt Ion: 79 Resp: 20139
Ion Ratio Lower Upper
79 100
52 71.2 62.6 94.0
51 36.8 33.0 49.4

Manual Integrations
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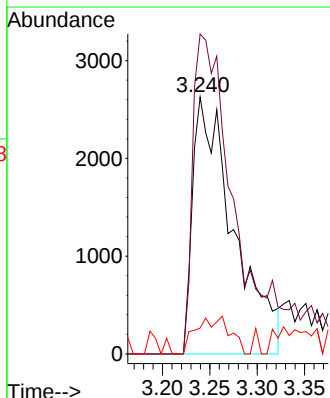
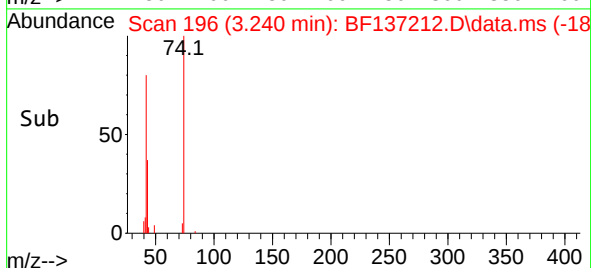
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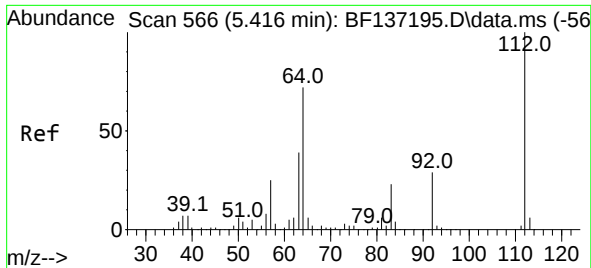


#4
n-Nitrosodimethylamine
Concen: 11.067 ng
RT: 3.240 min Scan# 196
Delta R.T. -0.023 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03



Tgt Ion: 42 Resp: 7868
Ion Ratio Lower Upper
42 100
74 124.7 90.5 135.7
44 10.1 6.1 9.1#





#5
2-Fluorophenol
Concen: 24.688 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

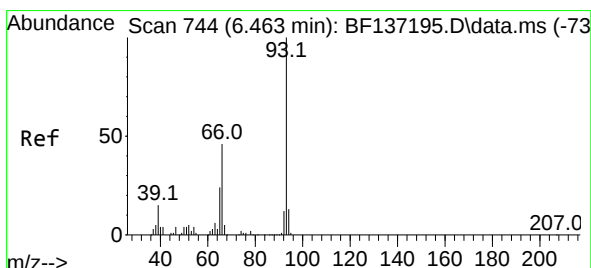
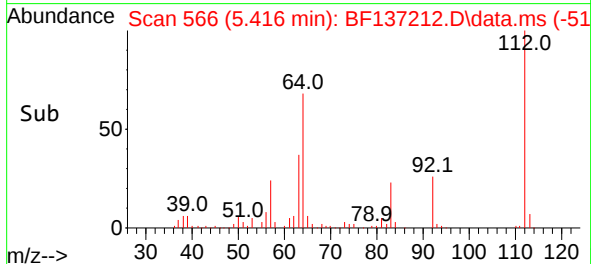
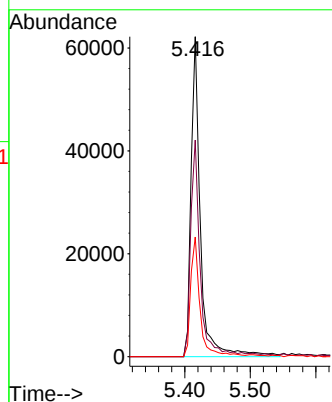
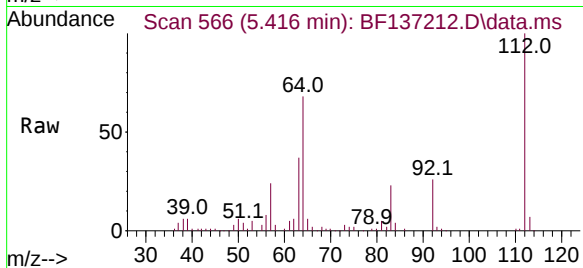
TR-05-013024MSD

Tgt Ion:112 Resp: 62165
Ion Ratio Lower Upper
112 100
64 67.7 57.8 86.6
63 37.4 31.4 47.0

Manual Integrations

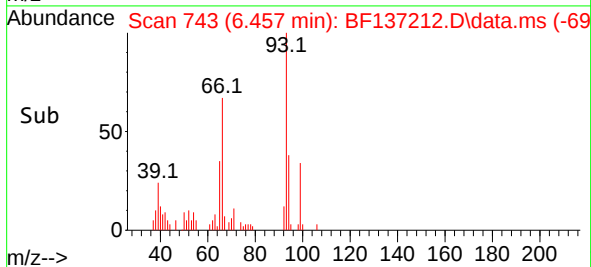
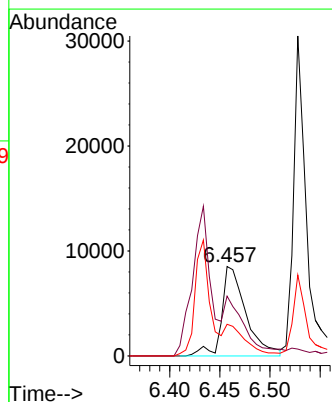
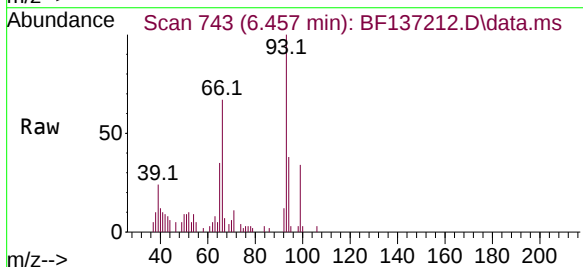
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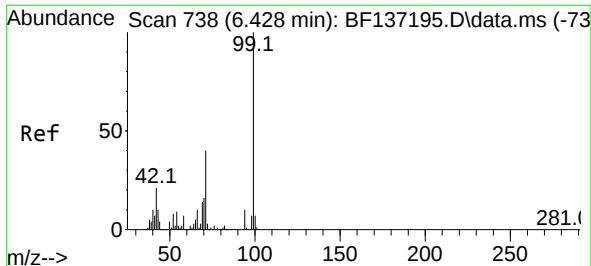
Reviewed By :Jagrut Upadhyay 02/01/2024
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#6
Aniline
Concen: 3.723 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion: 93 Resp: 14320
Ion Ratio Lower Upper
93 100
66 67.0 37.9 56.9#
65 35.4 19.0 28.4#





#7

Phenol-d6

Concen: 21.679 ng

RT: 6.422 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

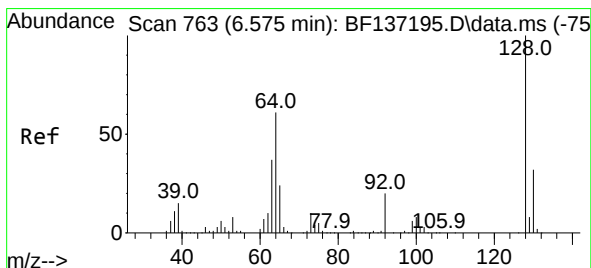
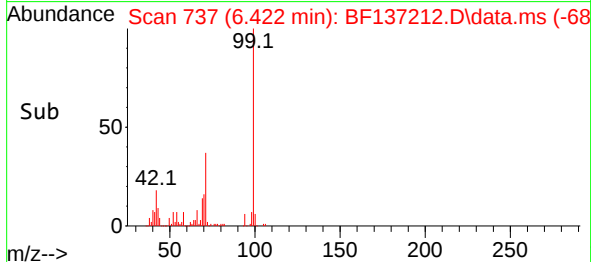
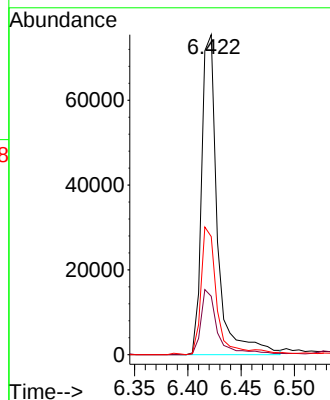
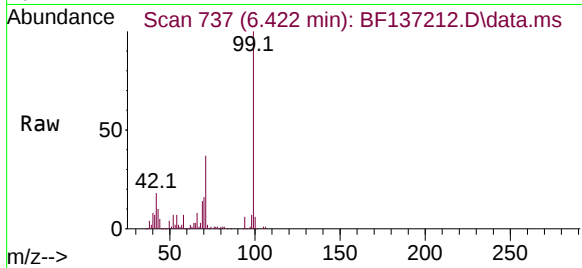
TR-05-013024MSD

Tgt Ion:	99	Resp:	77902
Ion	Ratio	Lower	Upper
99	100		
42	18.2	16.4	24.6
71	36.9	32.4	48.6

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#8

2-Chlorophenol

Concen: 9.351 ng

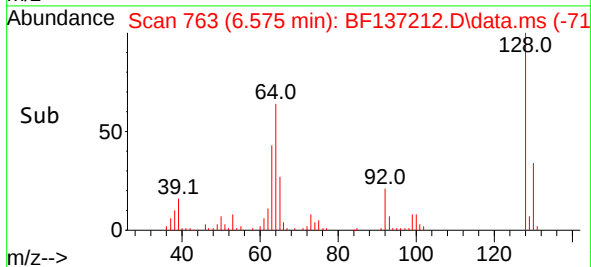
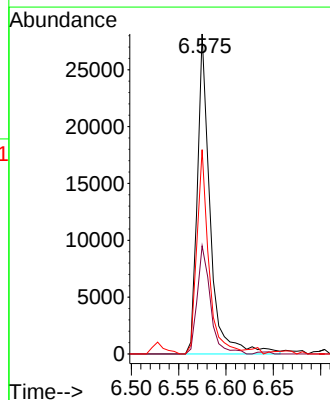
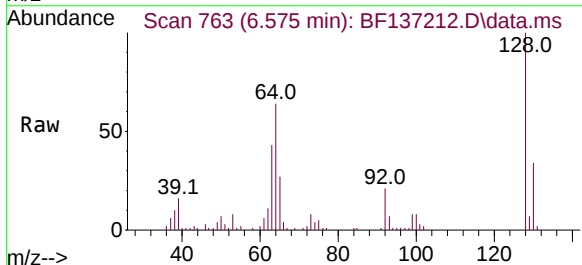
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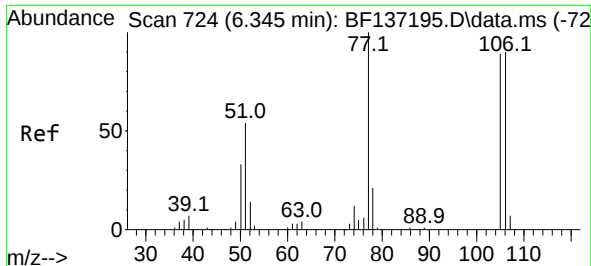
Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion:	128	Resp:	26327
Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.4	52.4
64	63.8	41.6	81.6





#9

Benzaldehyde

Concen: 6.888 ng

RT: 6.345 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137212.D

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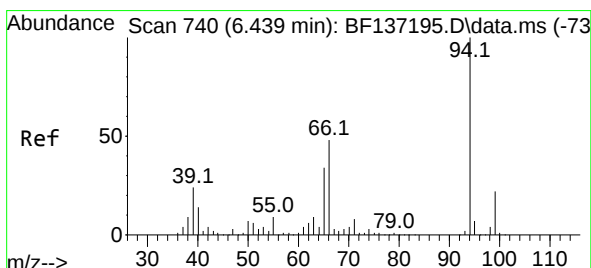
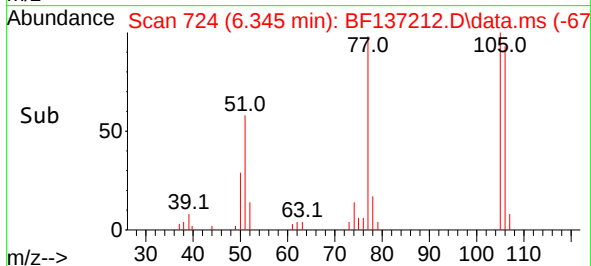
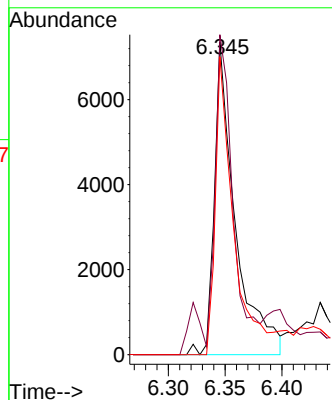
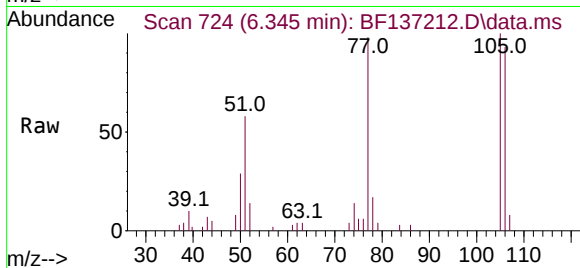
Tgt Ion: 77 Resp: 9426

Ion	Ratio	Lower	Upper
77	100		
105	102.4	69.1	109.1
106	95.4	69.6	109.6

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#10

Phenol

Concen: 8.564 ng

RT: 6.434 min Scan# 739

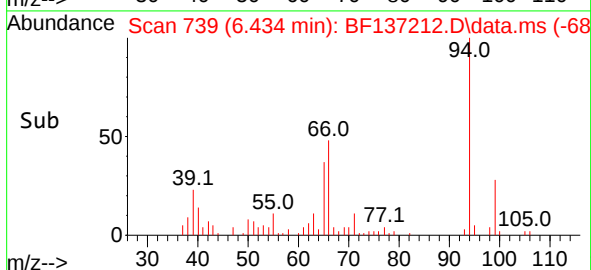
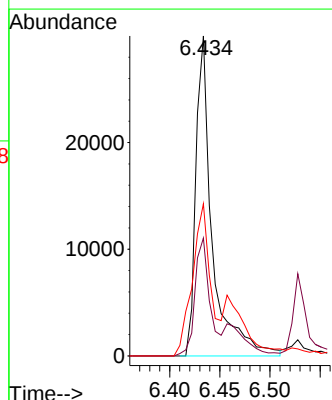
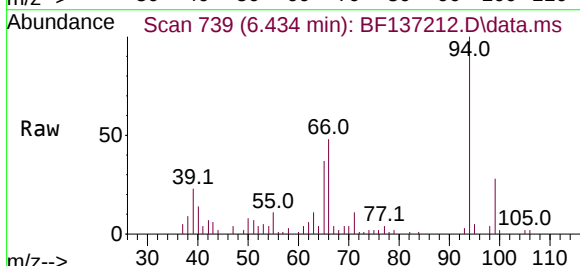
Delta R.T. -0.005 min

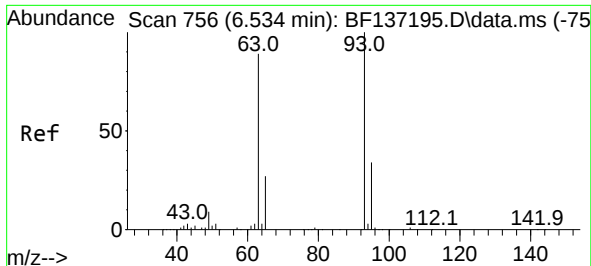
Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion: 94 Resp: 34349

Ion	Ratio	Lower	Upper
94	100		
65	36.8	13.7	53.7
66	47.6	27.8	67.8





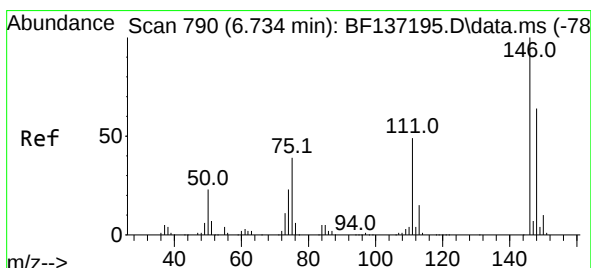
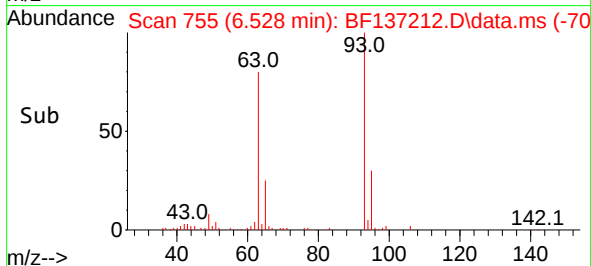
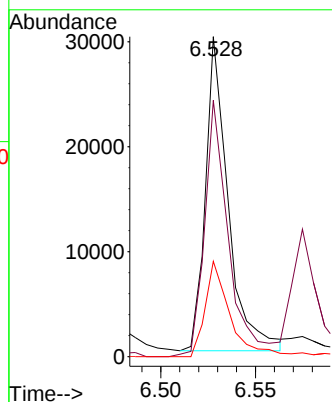
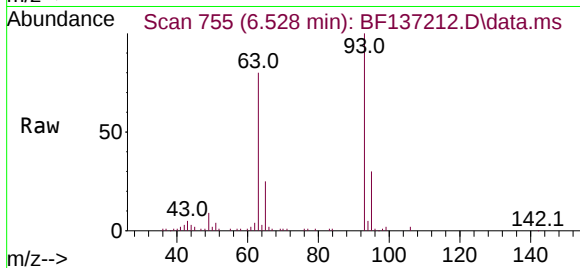
#11
bis(2-Chloroethyl)ether
Concen: 9.342 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

Tgt Ion: 93 Resp: 25042
Ion Ratio Lower Upper
93 100
63 80.1 66.7 106.7
95 29.8 12.7 52.7

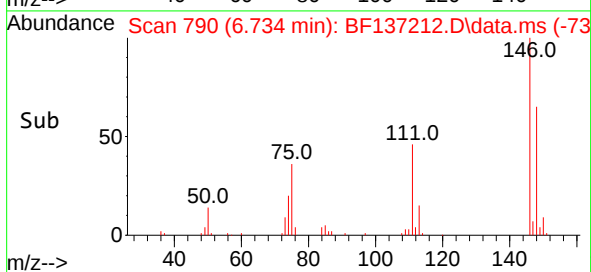
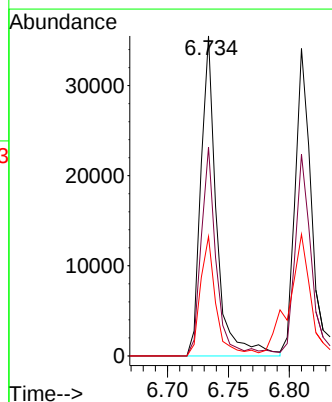
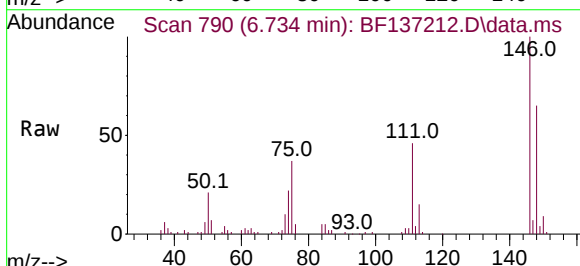
Manual Integrations
APPROVED

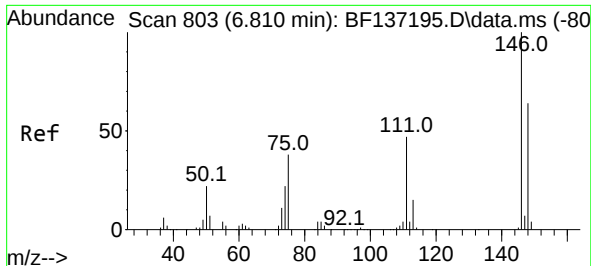
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#12
1,3-Dichlorobenzene
Concen: 9.658 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:146 Resp: 31881
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
75 37.3 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 9.101 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

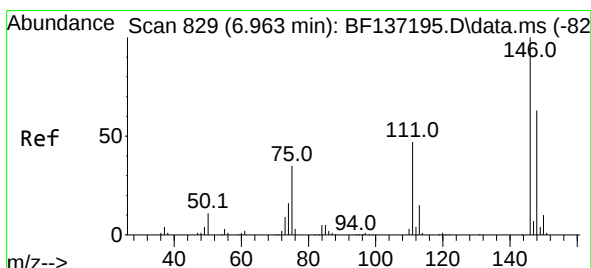
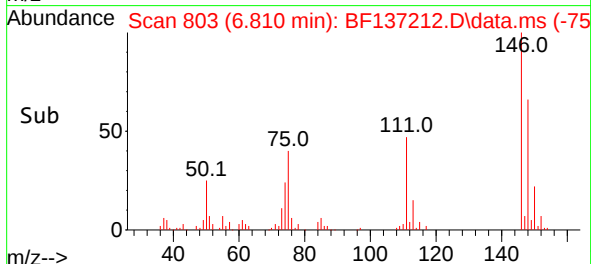
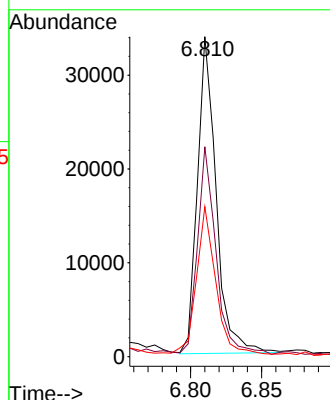
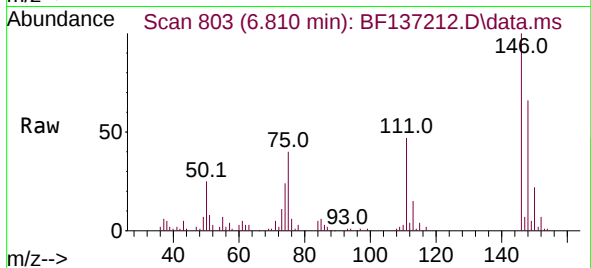
TR-05-013024MSD

Tgt Ion:	146	Resp:	31071
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.5	77.3
111	46.8	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#14

1,2-Dichlorobenzene

Concen: 10.034 ng

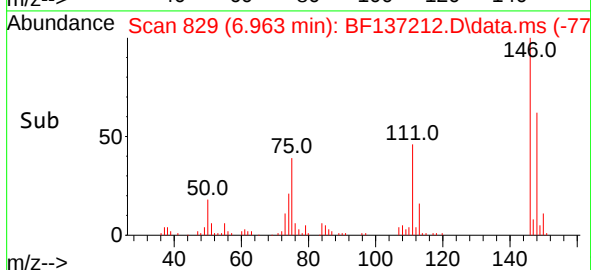
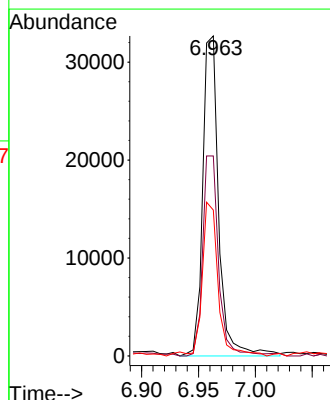
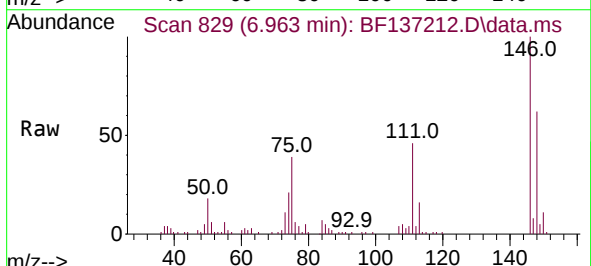
RT: 6.963 min Scan# 829

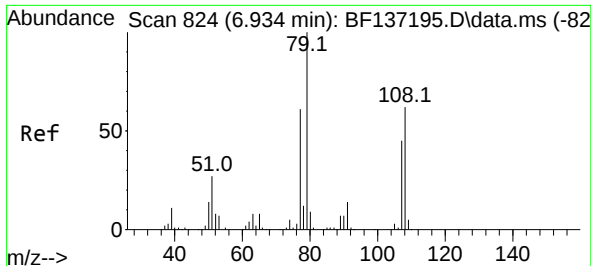
Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion:	146	Resp:	32028
Ion Ratio	Lower	Upper	
146	100		
148	62.5	50.6	75.8
111	45.6	37.3	55.9





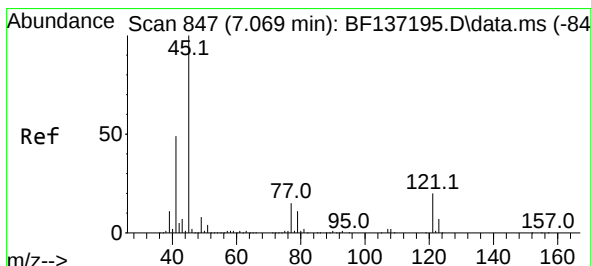
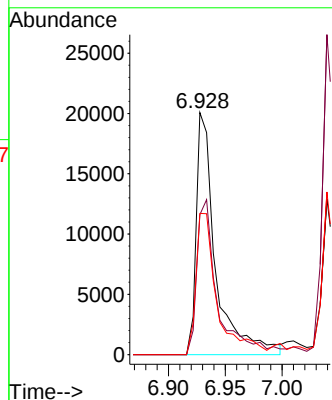
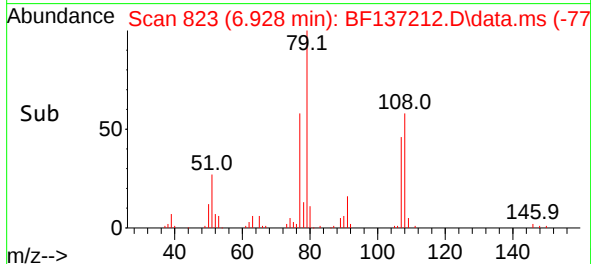
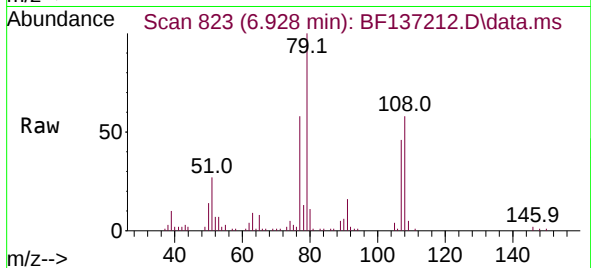
#15
Benzyl Alcohol
Concen: 9.343 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

Tgt Ion: 79 Resp: 23852
Ion Ratio Lower Upper
79 100
108 57.8 49.3 73.9
77 58.3 48.8 73.2

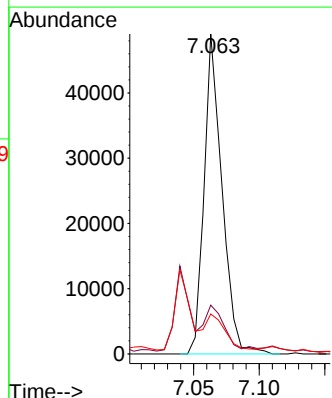
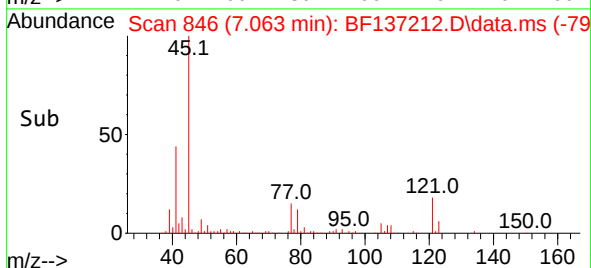
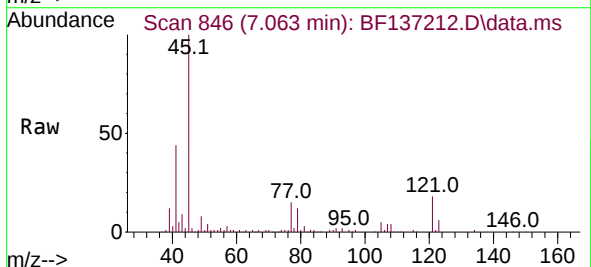
Manual Integrations
APPROVED

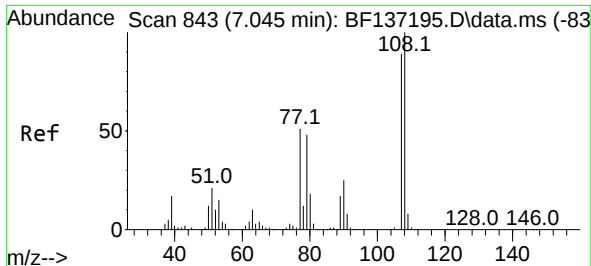
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.619 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion: 45 Resp: 46446
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.9
79 12.5 0.0 32.4





#17
2-Methylphenol
Concen: 8.648 ng
RT: 7.039 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

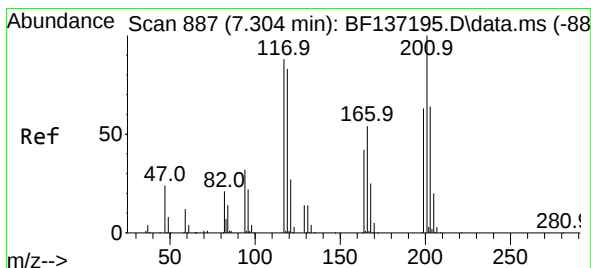
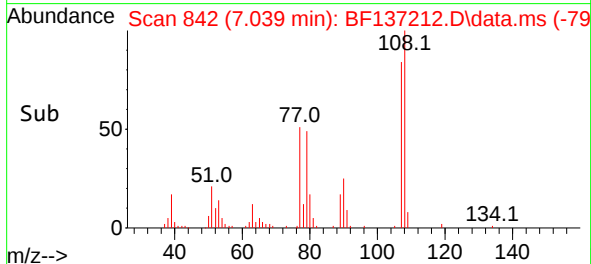
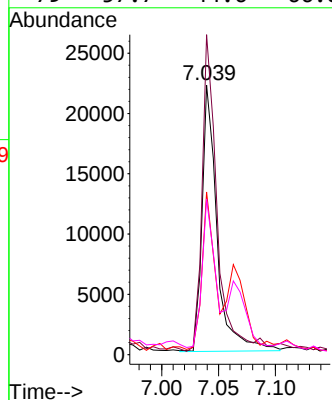
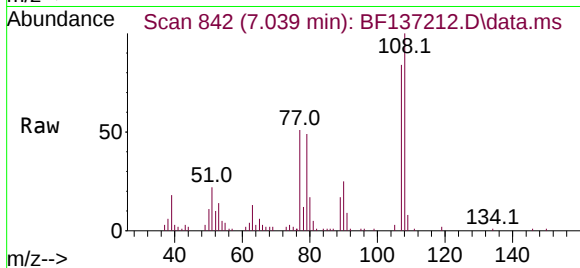
TR-05-013024MSD

Tgt Ion:	107	Resp:	2034
Ion Ratio	Lower	Upper	
107	100		
108	118.8	89.9	134.9
77	60.3	46.6	69.8
79	57.7	44.6	66.8

Manual Integrations

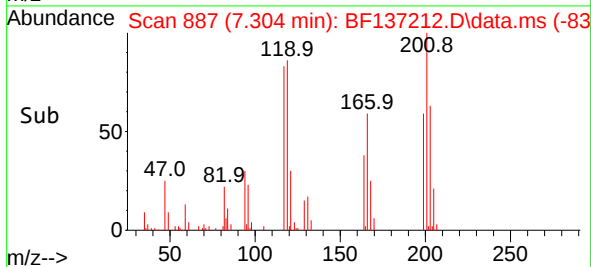
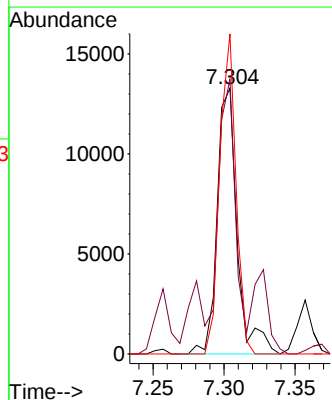
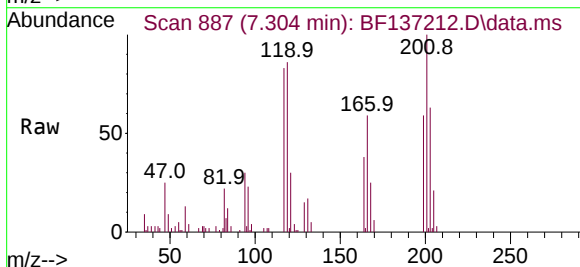
APPROVED

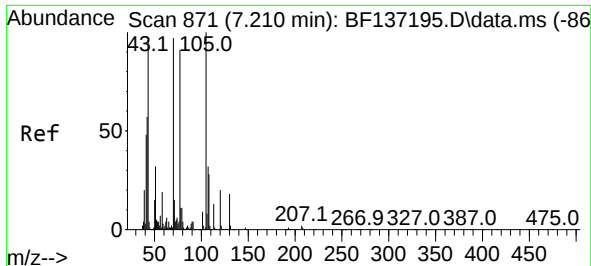
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#18
Hexachloroethane
Concen: 10.596 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

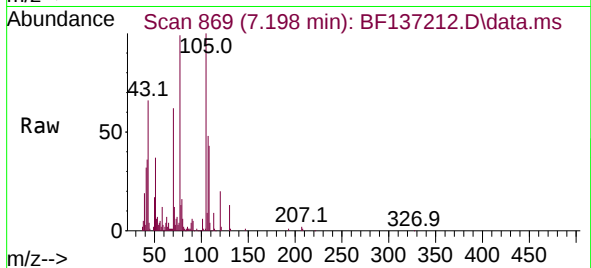
Tgt Ion:	117	Resp:	13046
Ion Ratio	Lower	Upper	
117	100		
119	103.4	76.2	114.4
201	120.5	91.4	137.0





#19
n-Nitroso-di-n-propylamine
Concen: 9.963 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

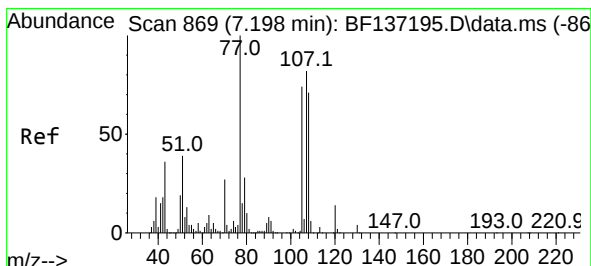
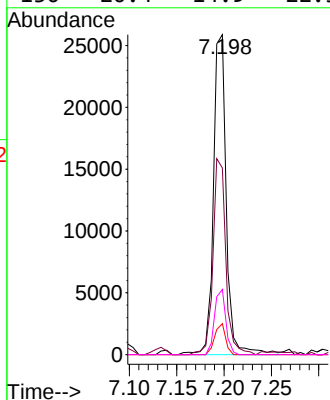
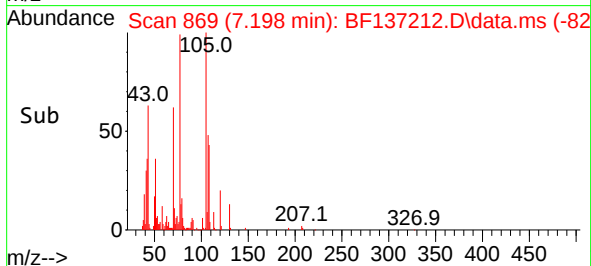
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



Tgt Ion: 70	Resp: 2454
Ion Ratio	Lower Upper
70	100
42	58.3 47.2 70.8
101	9.7 7.4 11.0
130	20.4 14.9 22.3

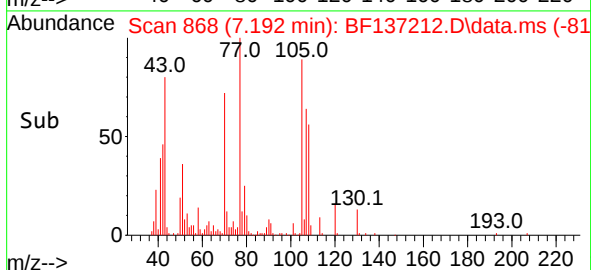
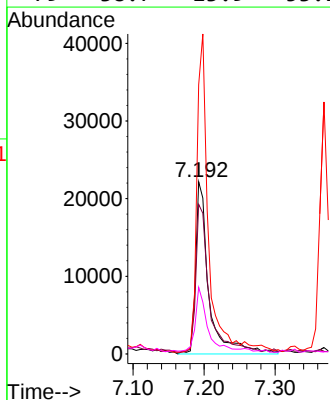
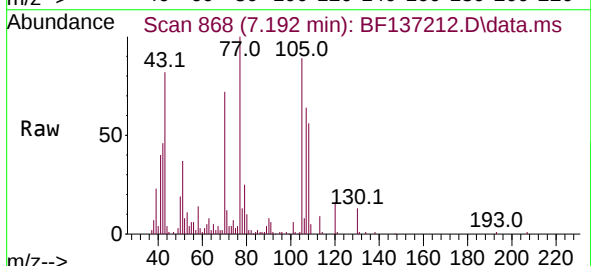
Manual Integrations
APPROVED

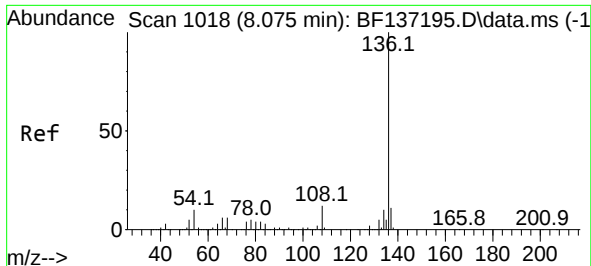
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#20
3+4-Methylphenols
Concen: 9.706 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:107	Resp: 28900
Ion Ratio	Lower Upper
107	100
108	86.9 66.3 106.3
77	156.5 101.4 141.4#
79	38.7 13.9 53.9





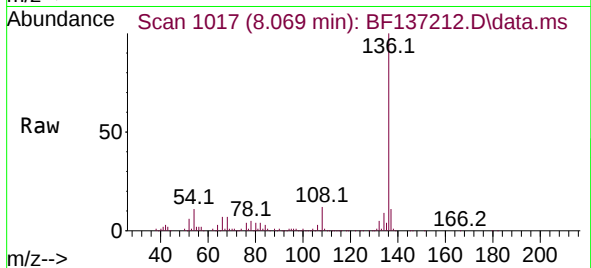
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

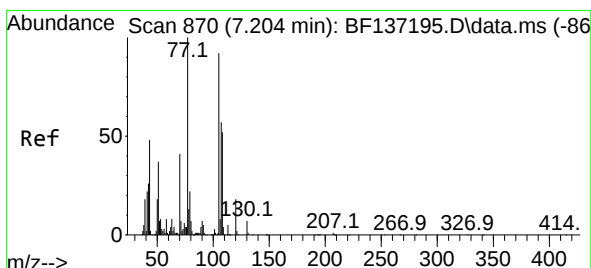
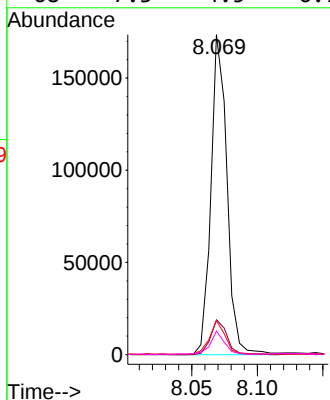
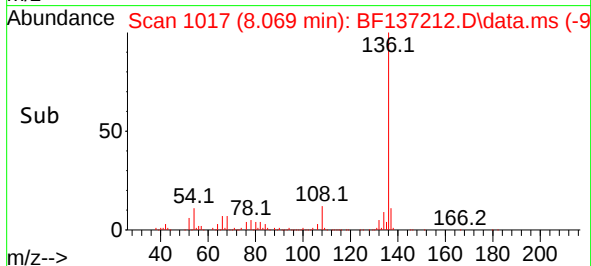


Tgt Ion:136 Resp: 147799
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.6 7.8 11.8
68 7.3 4.5 6.7#

Manual Integrations

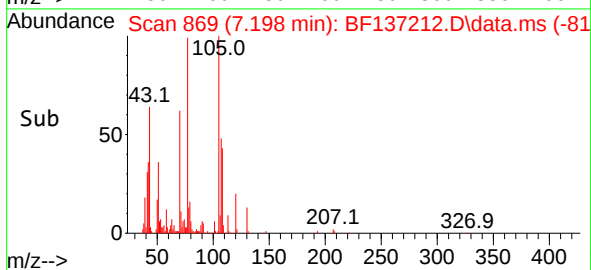
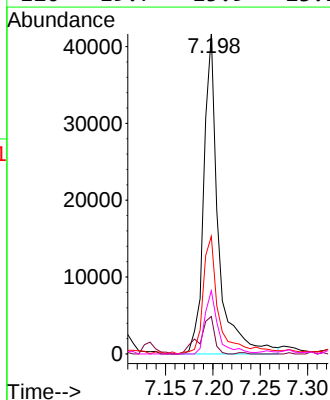
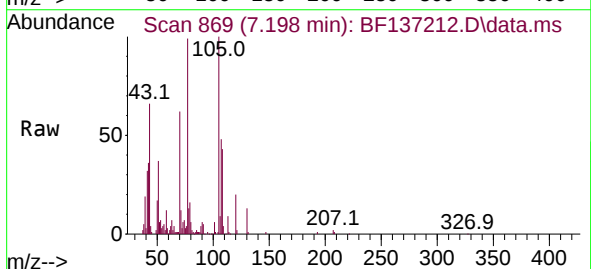
APPROVED

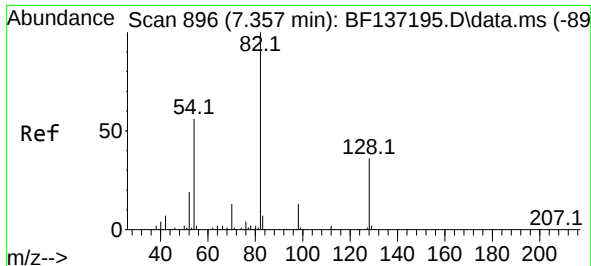
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#22
Acetophenone
Concen: 11.293 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:105 Resp: 44933
Ion Ratio Lower Upper
105 100
71 11.7 5.7 8.5#
51 36.7 32.2 48.4
120 19.7 15.9 23.9





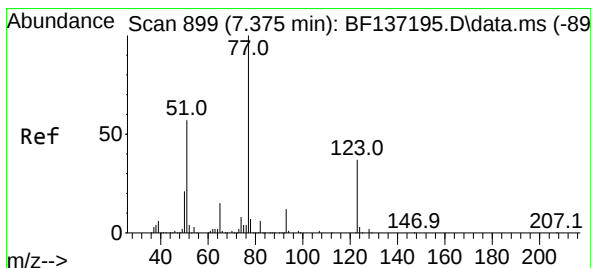
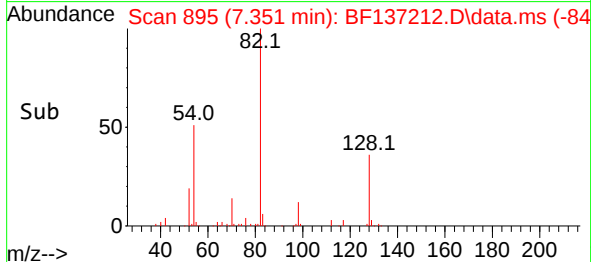
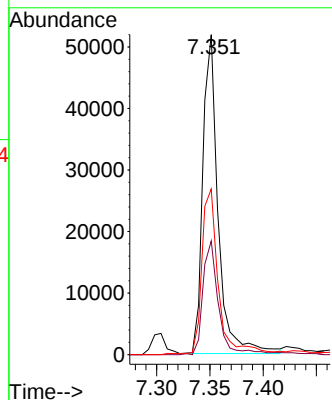
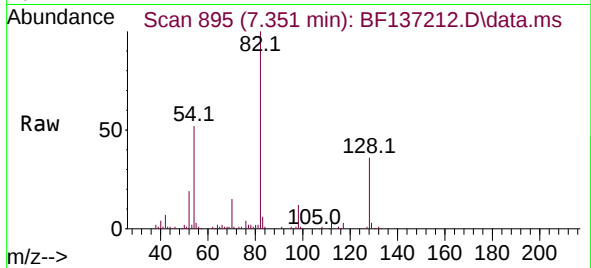
#23
Nitrobenzene-d5
Concen: 15.640 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

Tgt Ion: 82 Resp: 51631
Ion Ratio Lower Upper
82 100
128 35.5 29.1 43.7
54 51.8 45.0 67.6

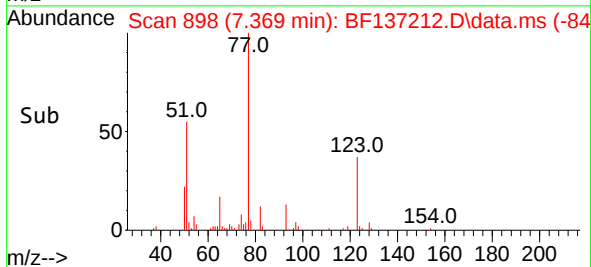
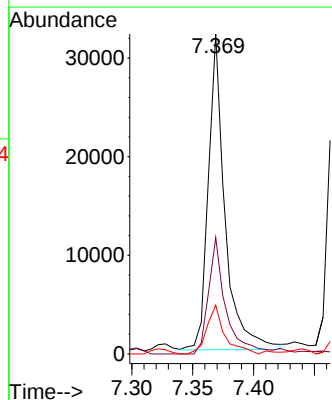
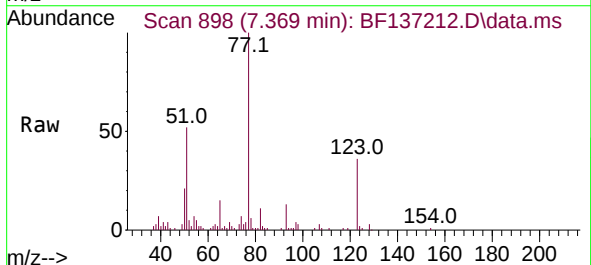
Manual Integrations
APPROVED

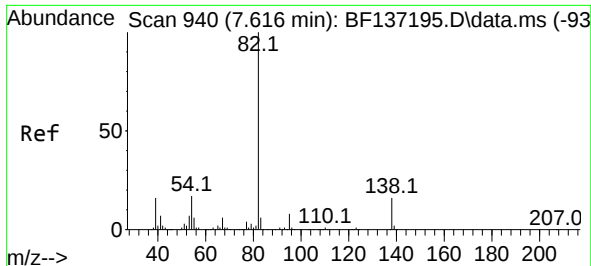
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#24
Nitrobenzene
Concen: 9.552 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

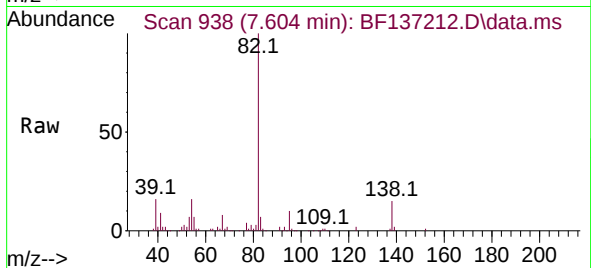
Tgt Ion: 77 Resp: 30606
Ion Ratio Lower Upper
77 100
123 36.4 29.3 43.9
65 15.2 12.0 18.0





#25
Isophorone
Concen: 10.664 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

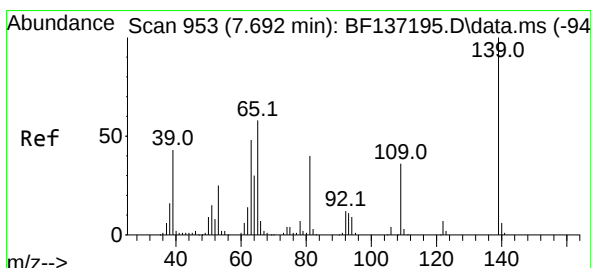
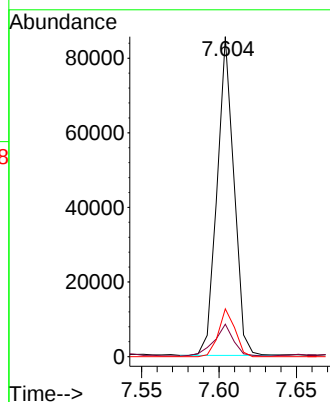
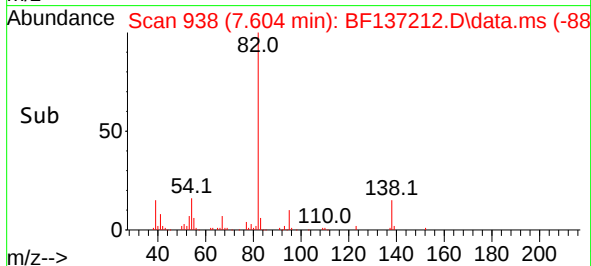
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



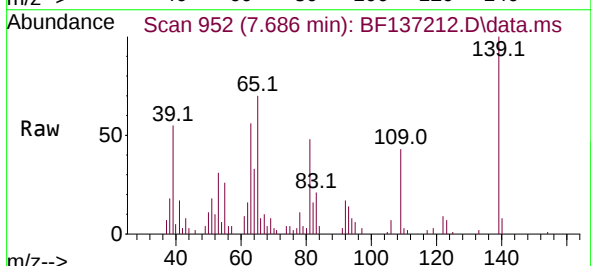
Tgt Ion: 82 Resp: 64982
Ion Ratio Lower Upper
82 100
95 10.1 6.4 9.6
138 14.9 12.7 19.1

Manual Integrations
APPROVED

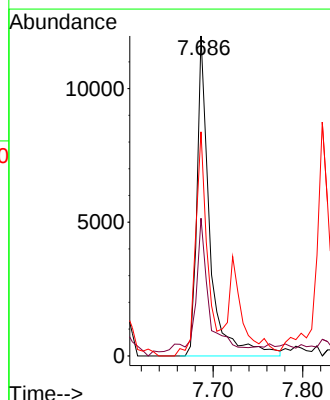
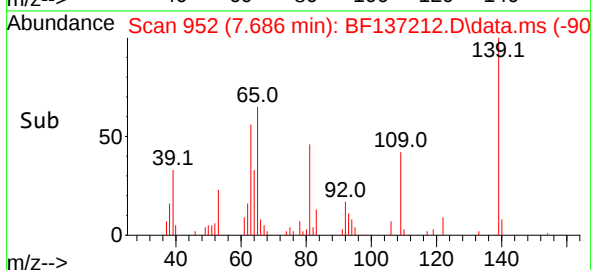
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

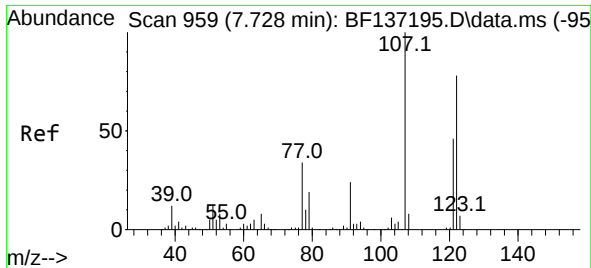


#26
2-Nitrophenol
Concen: 11.521 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03



Tgt Ion:139 Resp: 11858
Ion Ratio Lower Upper
139 100
109 43.0 28.5 42.7#
65 70.0 46.7 70.1





#27

2,4-Dimethylphenol

Concen: 10.375 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

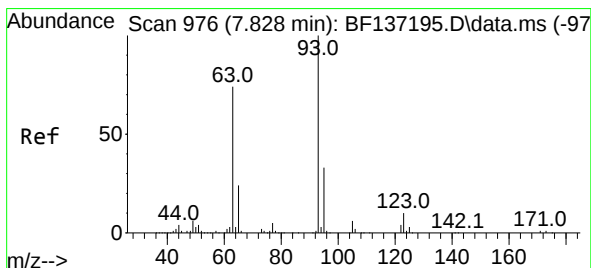
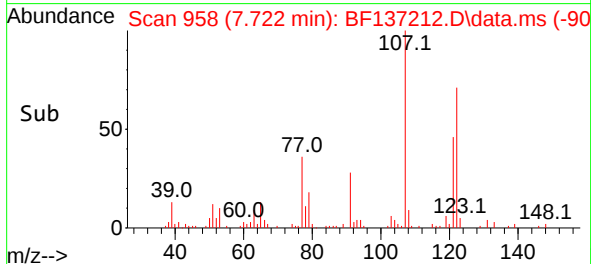
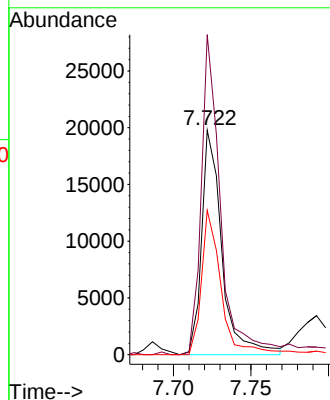
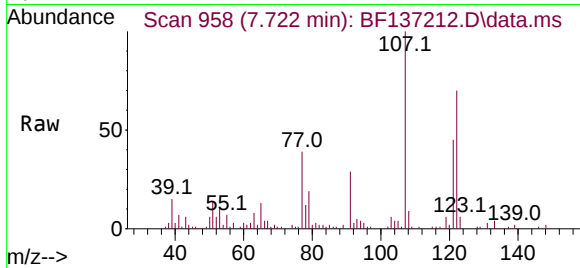
TR-05-013024MSD

Tgt Ion:	122	Resp:	18069
Ion Ratio	Lower	Upper	
122	100		
107	142.6	101.8	152.6
121	64.3	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#28

bis(2-Chloroethoxy)methane

Concen: 10.301 ng

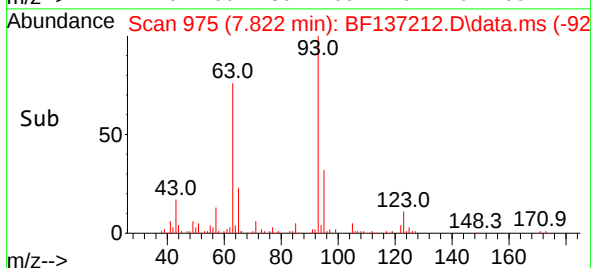
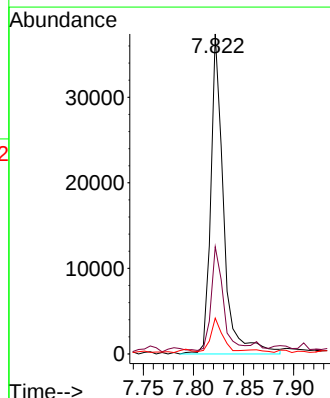
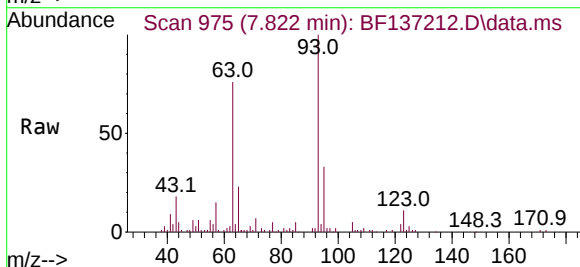
RT: 7.822 min Scan# 975

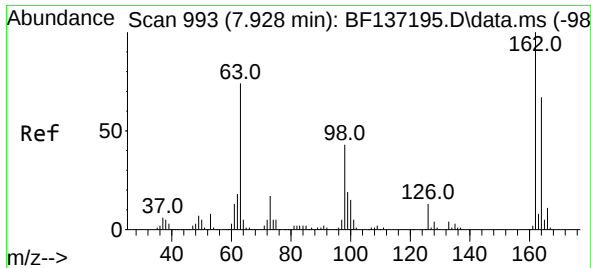
Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion:	93	Resp:	33332
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.1	39.1
123	11.2	7.8	11.8





#29

2,4-Dichlorophenol

Concen: 9.952 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

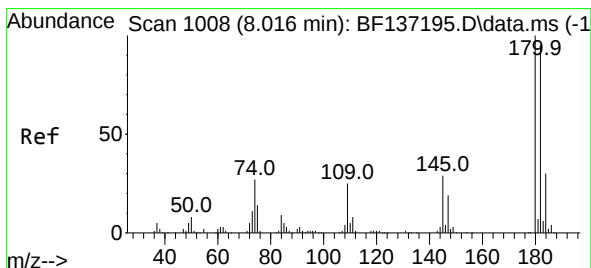
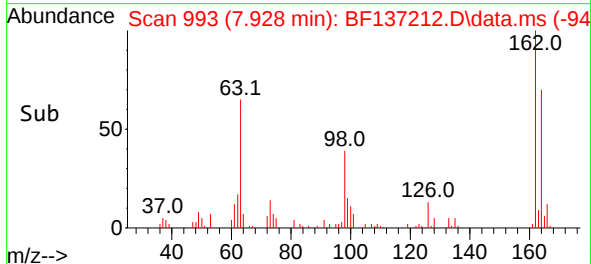
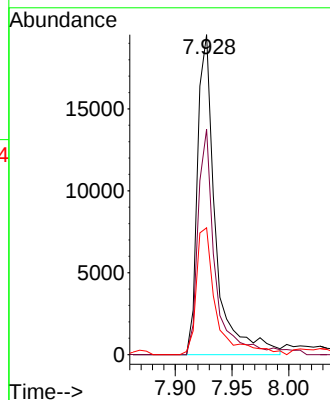
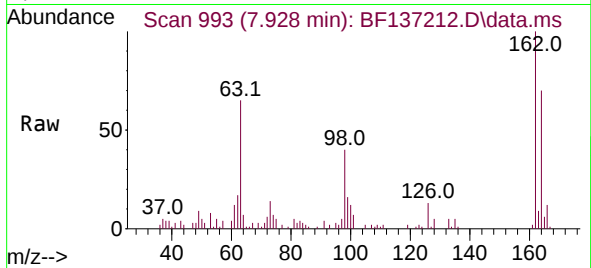
TR-05-013024MSD

Tgt Ion:162	Resp:	21502
Ion Ratio	Lower	Upper
162	100	
164	70.4	46.7 86.7
98	39.6	22.9 62.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#30

1,2,4-Trichlorobenzene

Concen: 10.351 ng

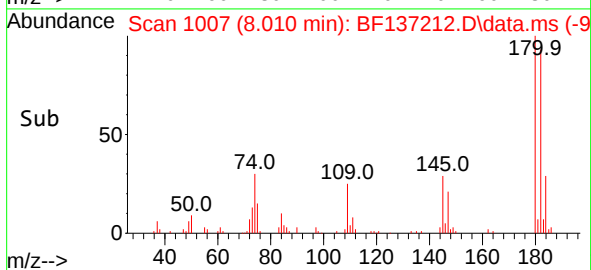
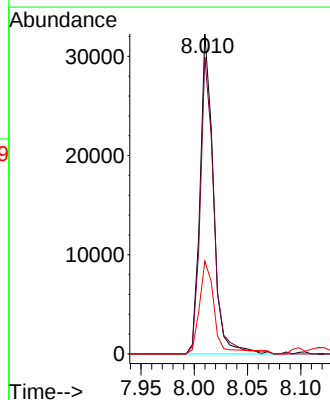
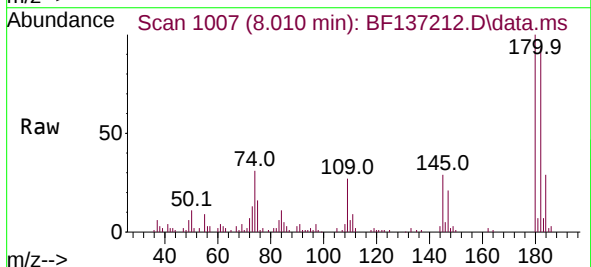
RT: 8.010 min Scan# 1007

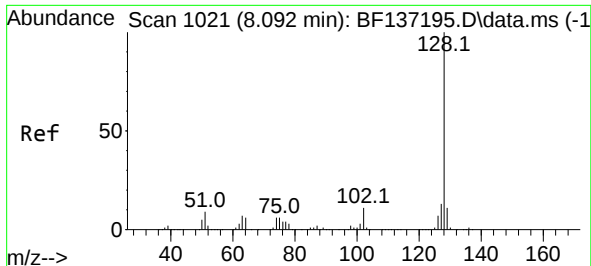
Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion:180	Resp:	27779
Ion Ratio	Lower	Upper
180	100	
182	92.7	75.9 113.9
145	29.0	23.2 34.8





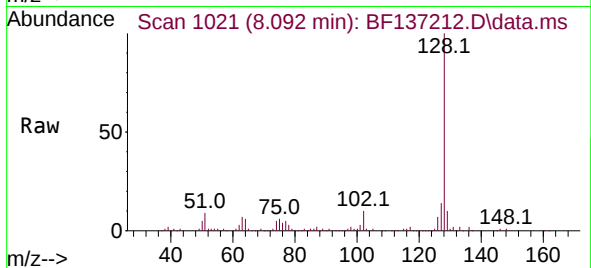
#31
Naphthalene
Concen: 10.588 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

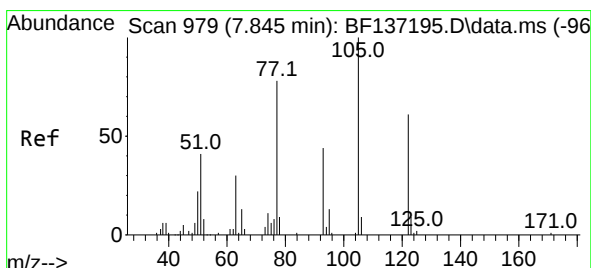
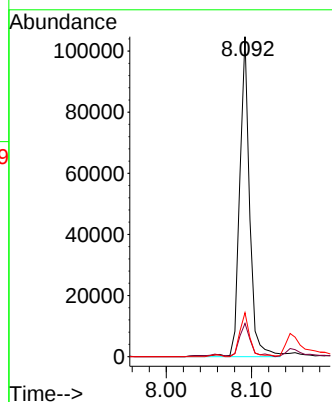
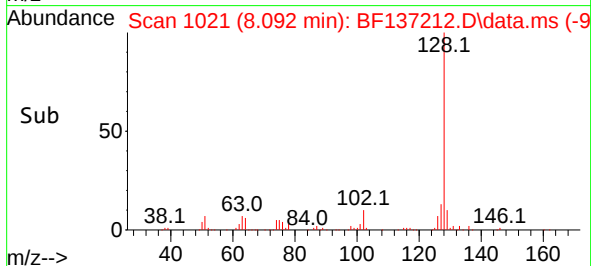


Tgt Ion:128 Resp: 84602
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.7 10.5 15.7

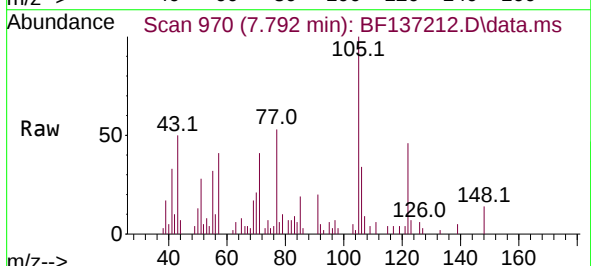
Manual Integrations

APPROVED

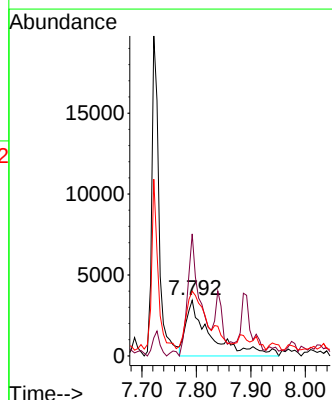
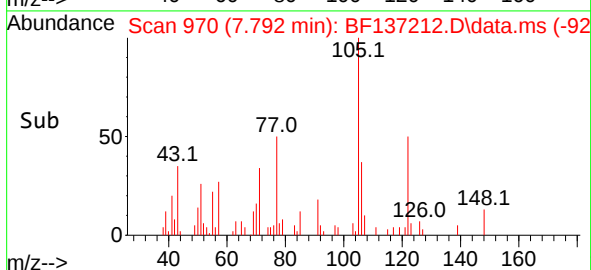
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

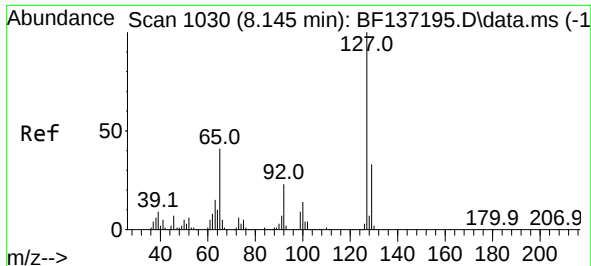


#32
Benzoic acid
Concen: 15.733 ng m
RT: 7.792 min Scan# 970
Delta R.T. -0.053 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03



Tgt Ion:122 Resp: 10773
Ion Ratio Lower Upper
122 100
105 219.6 122.5 162.5#
77 116.5 96.4 136.4





#33

4-Chloroaniline

Concen: 4.151 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

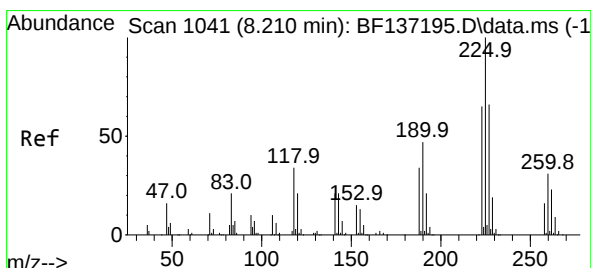
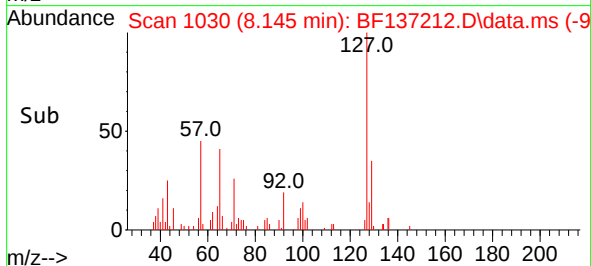
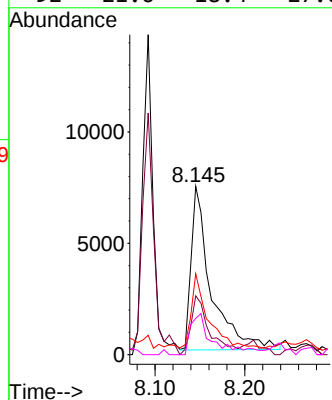
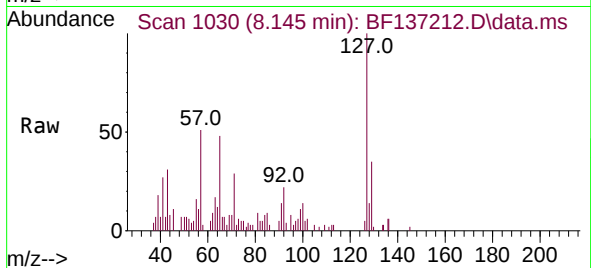
Tgt Ion:127 Resp: 11409

Ion	Ratio	Lower	Upper
127	100		
129	35.0	26.8	40.2
65	48.1	32.9	49.3
92	21.6	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#34

Hexachlorobutadiene

Concen: 10.720 ng

RT: 8.210 min Scan# 1041

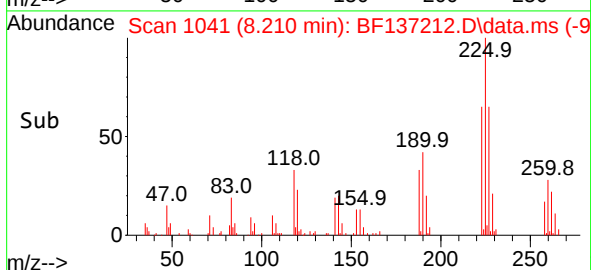
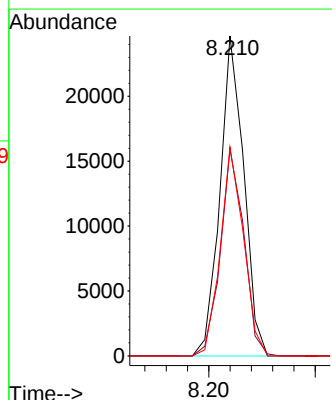
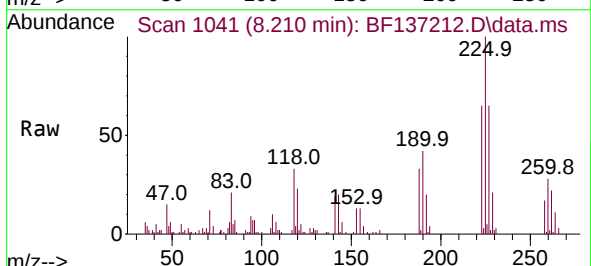
Delta R.T. 0.000 min

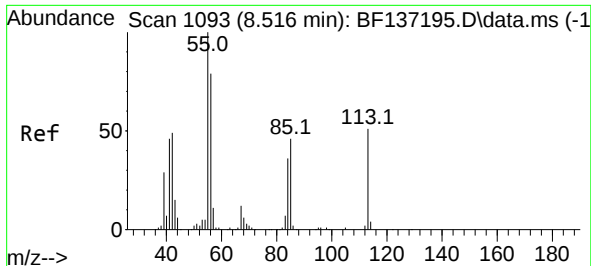
Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion:225 Resp: 19130

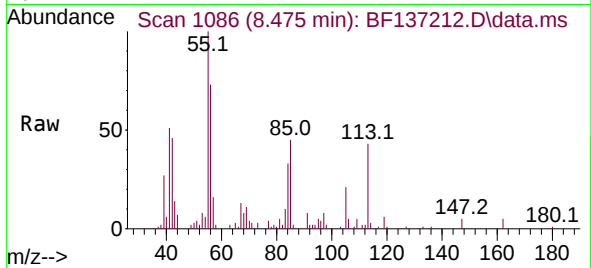
Ion	Ratio	Lower	Upper
225	100		
223	64.6	52.0	78.0
227	67.6	52.9	79.3





#35
 Caprolactam
 Concen: 11.921 ng m
 RT: 8.475 min Scan# 1093
 Delta R.T. -0.041 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

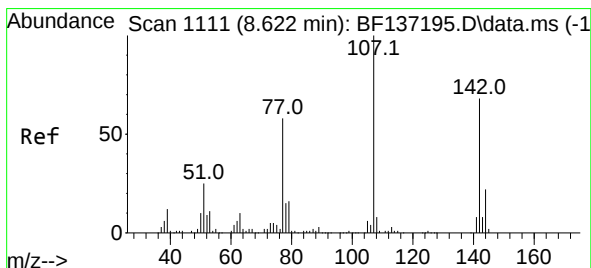
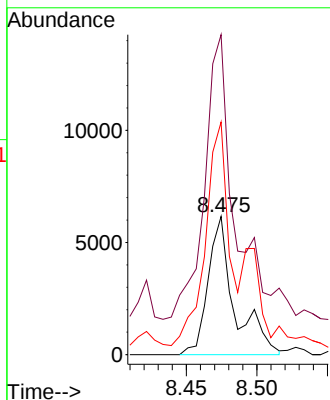
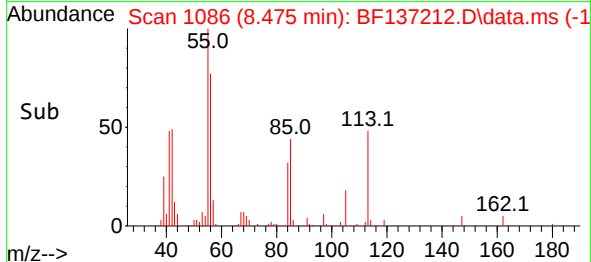
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-013024MSD



Tgt Ion:113 Resp: 8009
 Ion Ratio Lower Upper
 113 100
 55 231.5 176.0 216.0
 56 168.2 134.0 174.0

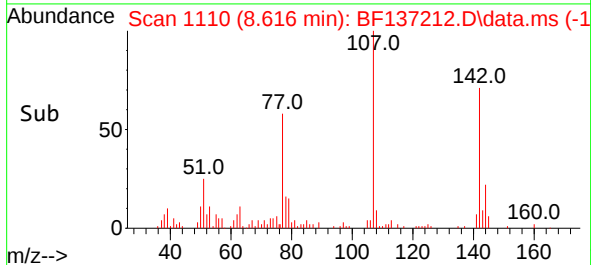
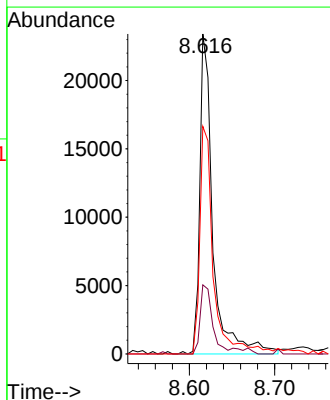
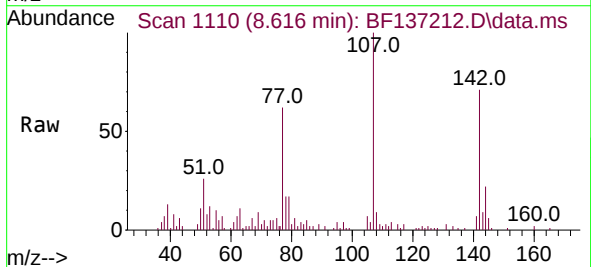
Manual Integrations
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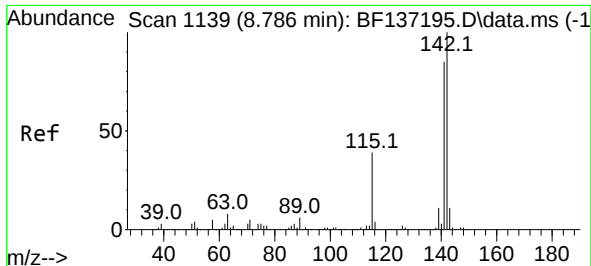
Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024



#36
 4-Chloro-3-methylphenol
 Concen: 9.741 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF137212.D
 Acq: 31 Jan 2024 16:03

Tgt Ion:107 Resp: 24859
 Ion Ratio Lower Upper
 107 100
 144 21.6 17.2 25.8
 142 71.1 54.6 82.0





#37

2-Methylnaphthalene

Concen: 10.870 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

Tgt Ion:142 Resp: 58230

Ion Ratio Lower Upper

142 100

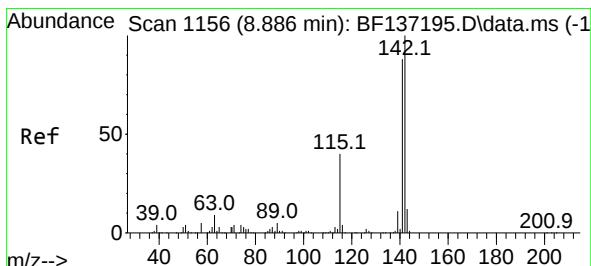
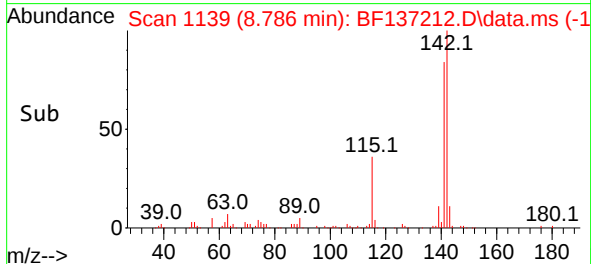
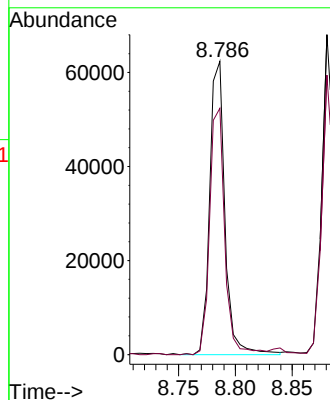
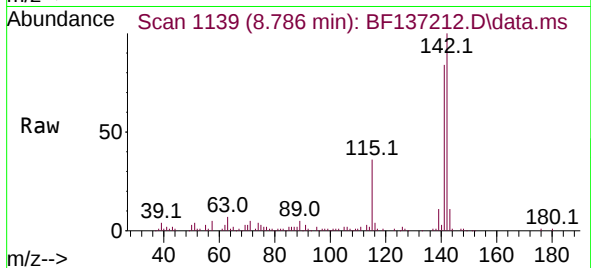
141 84.0 67.8 101.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024

Supervised By :Sohil Jodhani 02/02/2024



#38

1-Methylnaphthalene

Concen: 11.032 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137212.D

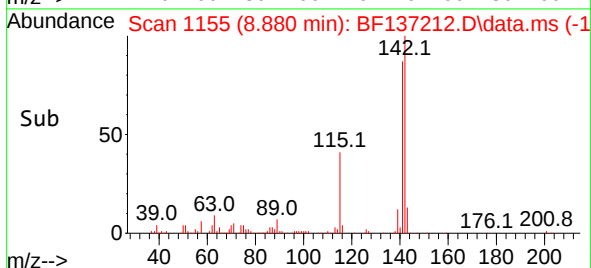
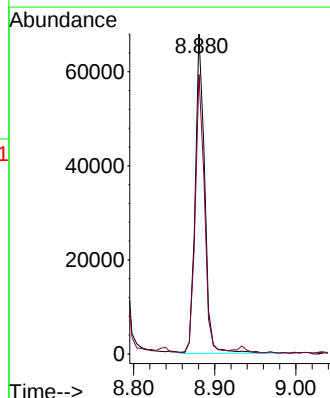
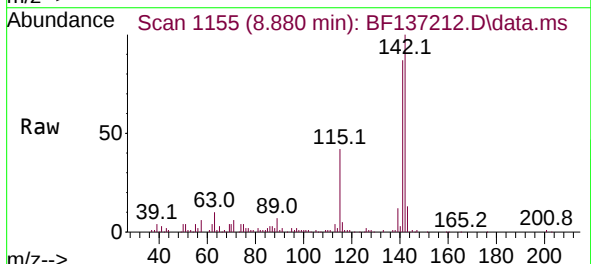
Acq: 31 Jan 2024 16:03

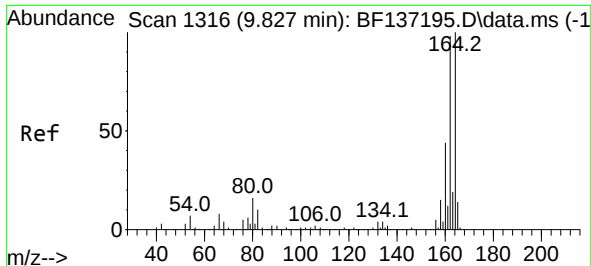
Tgt Ion:142 Resp: 54891

Ion Ratio Lower Upper

142 100

141 87.3 70.6 105.8





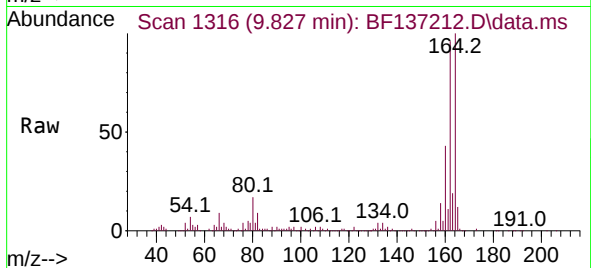
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

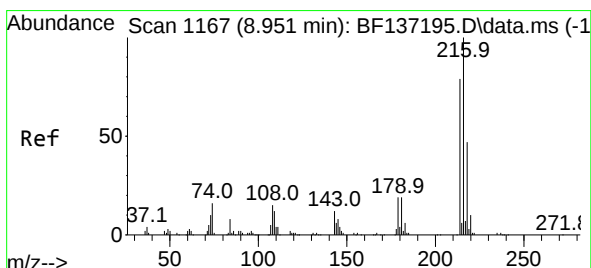
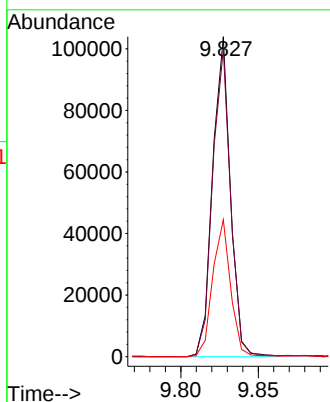
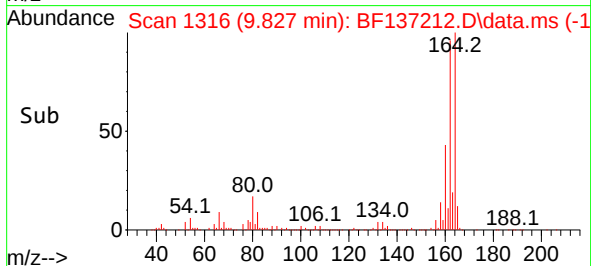


Tgt Ion:164 Resp: 83263
Ion Ratio Lower Upper
164 100
162 96.0 78.3 117.5
160 42.8 35.4 53.2

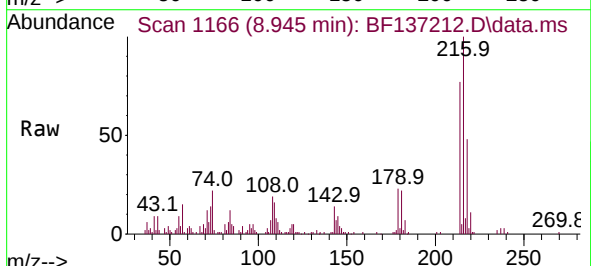
Manual Integrations

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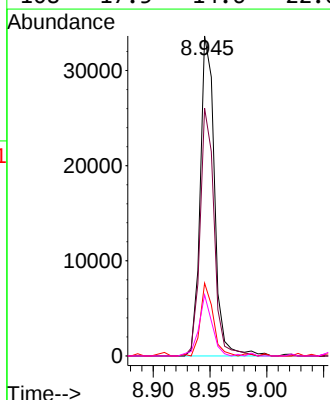
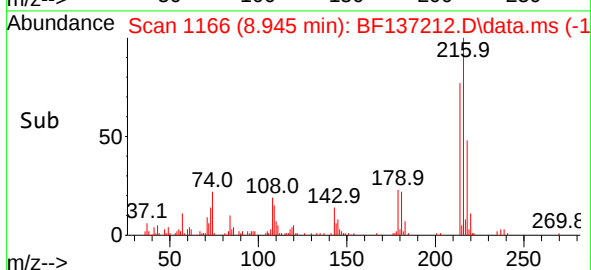
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

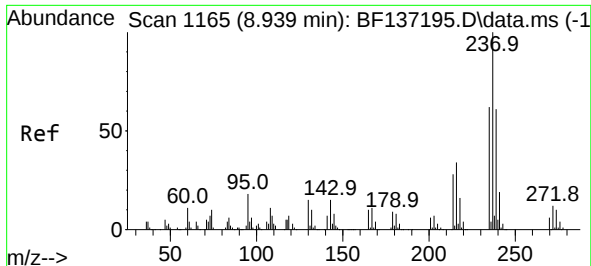


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.550 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03



Tgt Ion:216 Resp: 29394
Ion Ratio Lower Upper
216 100
214 76.3 63.9 95.9
179 20.4 16.2 24.2
108 17.5 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 5.522 ng
RT: 8.933 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

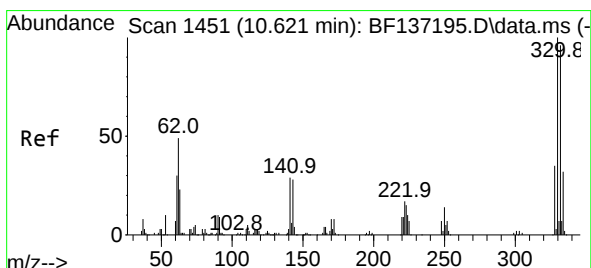
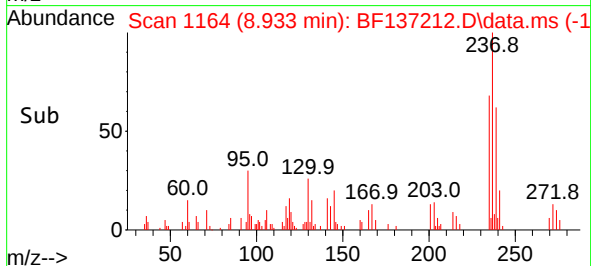
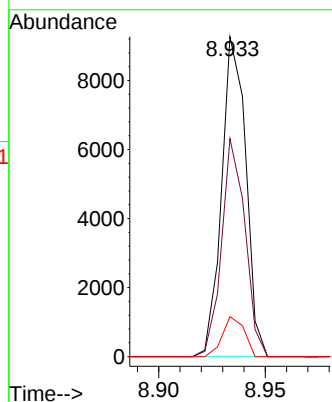
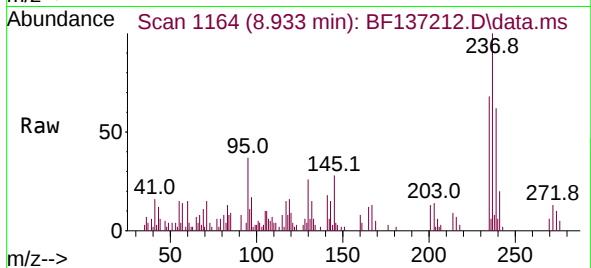
TR-05-013024MSD

Tgt Ion: 237 Resp: 732
Ion Ratio Lower Upper
237 100
235 68.1 41.6 81.6
272 12.5 0.0 32.4

Manual Integrations

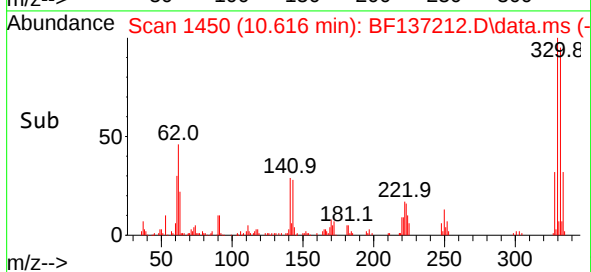
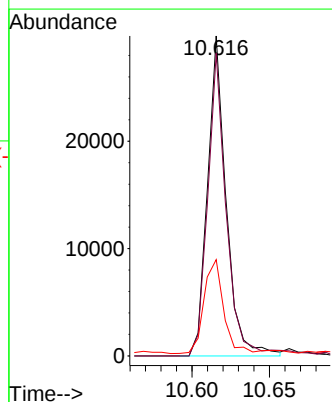
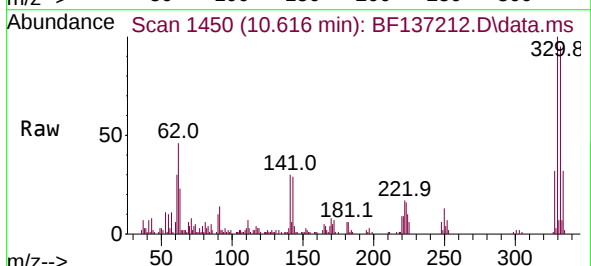
APPROVED

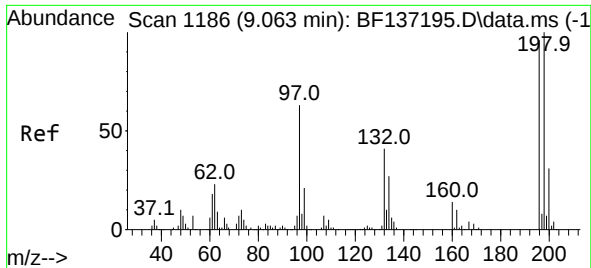
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#42
2,4,6-Tribromophenol
Concen: 26.651 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

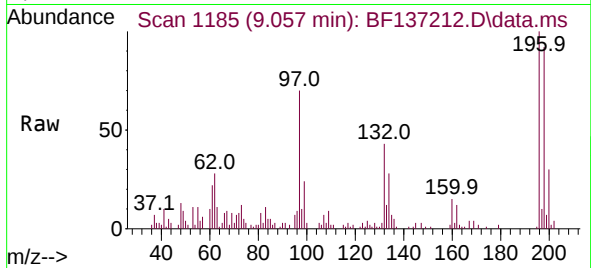
Tgt Ion: 330 Resp: 25061
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 31.2 25.2 37.8





#43
2,4,6-Trichlorophenol
Concen: 10.791 ng
RT: 9.057 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

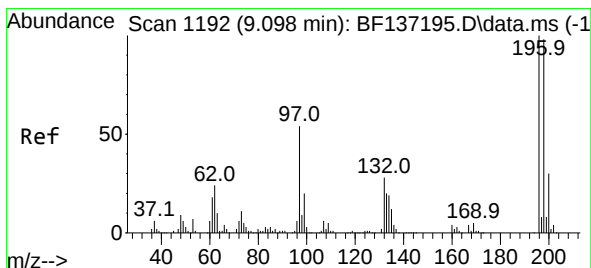
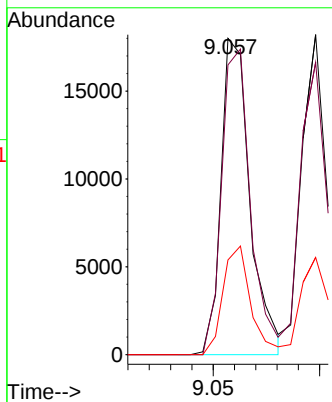
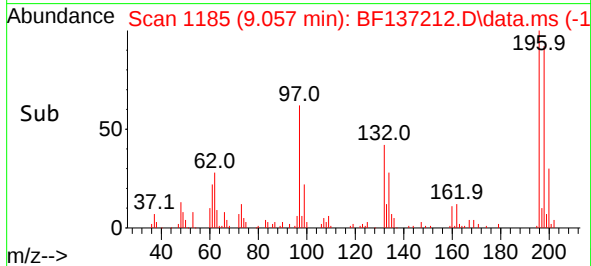
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



Tgt Ion:196 Resp: 17052
Ion Ratio Lower Upper
196 100
198 91.6 83.0 124.6
200 29.9 25.9 38.9

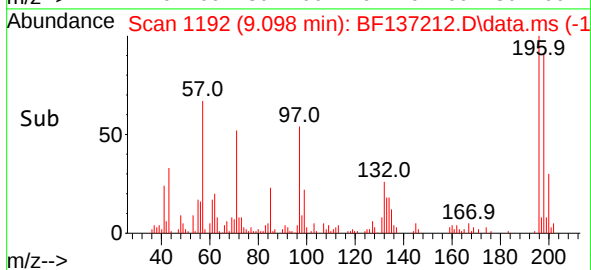
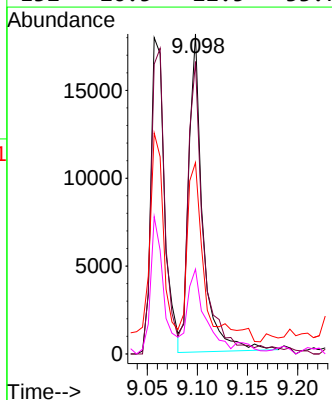
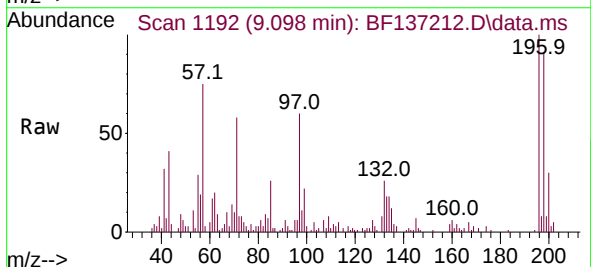
Manual Integrations
APPROVED

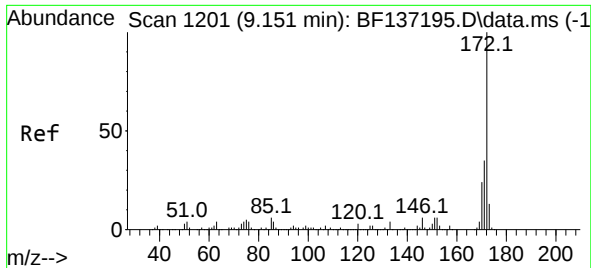
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#44
2,4,5-Trichlorophenol
Concen: 10.210 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

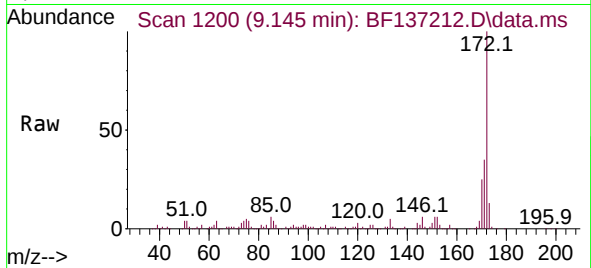
Tgt Ion:196 Resp: 17635
Ion Ratio Lower Upper
196 100
198 91.3 78.2 117.4
97 59.8 44.2 66.2
132 26.5 22.5 33.7





#45
2-Fluorobiphenyl
Concen: 16.755 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

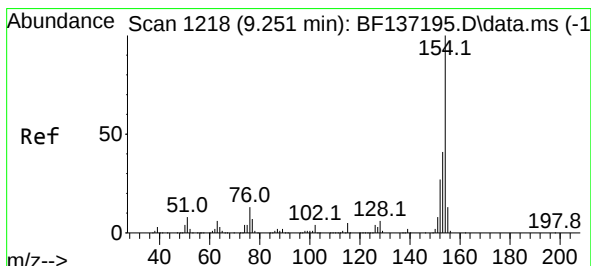
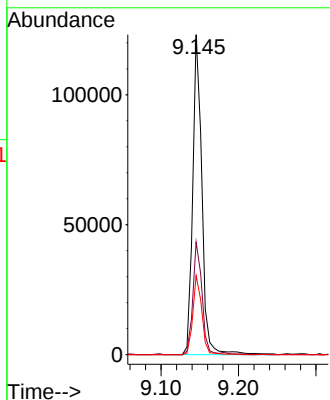
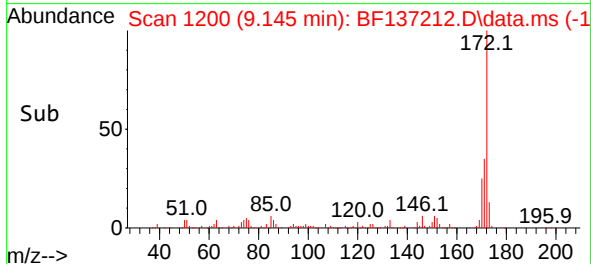
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



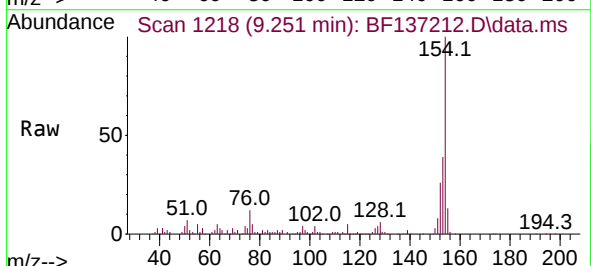
Tgt Ion:172 Resp: 101482
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 24.7 19.1 28.7

Manual Integrations
APPROVED

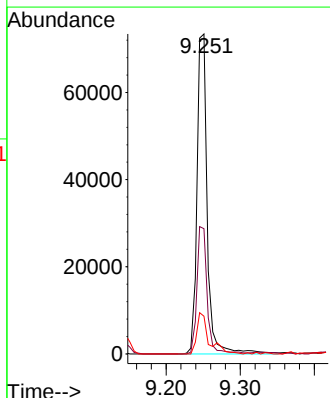
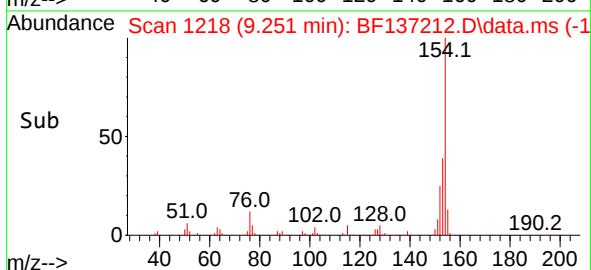
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

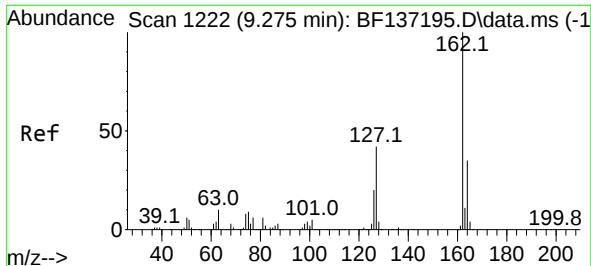


#46
1,1'-Biphenyl
Concen: 10.701 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03



Tgt Ion:154 Resp: 70891
Ion Ratio Lower Upper
154 100
153 39.1 21.2 61.2
76 11.8 0.0 33.0





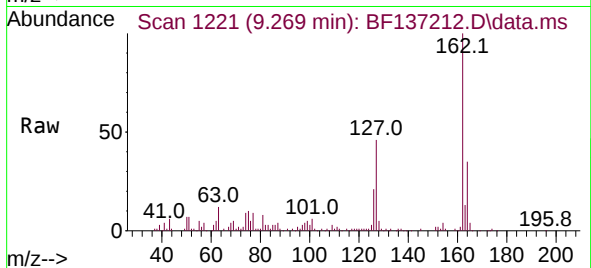
#47
2-Chloronaphthalene
Concen: 10.173 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

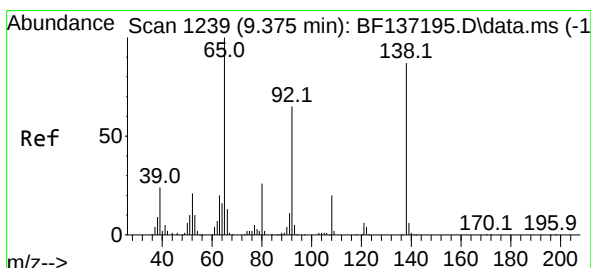
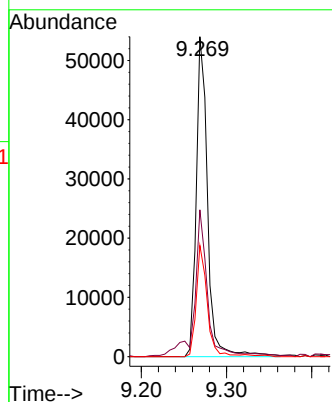
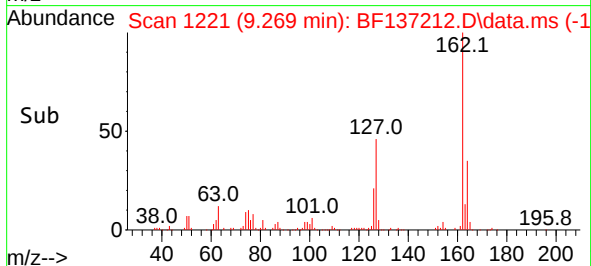


Tgt Ion:162 Resp: 49874
Ion Ratio Lower Upper
162 100
127 45.9 34.1 51.1
164 34.7 27.9 41.9

Manual Integrations

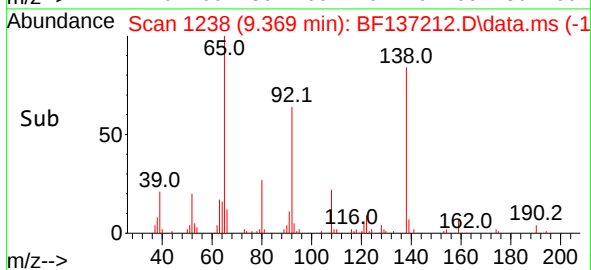
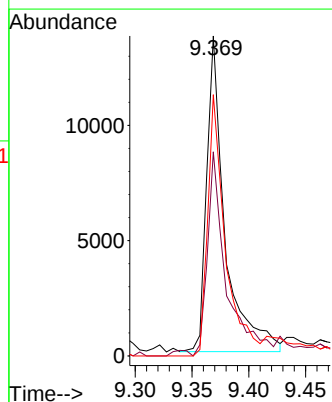
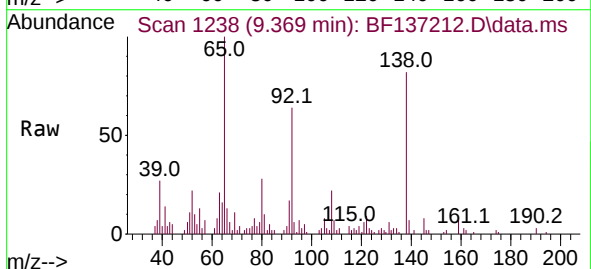
APPROVED

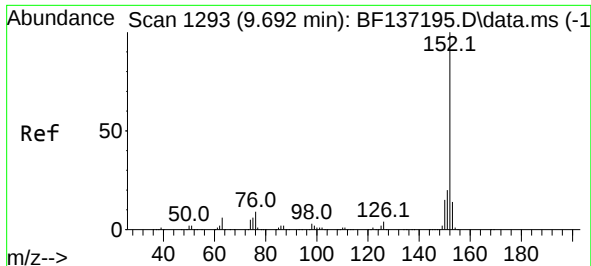
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#48
2-Nitroaniline
Concen: 9.706 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion: 65 Resp: 15401
Ion Ratio Lower Upper
65 100
92 63.8 51.7 77.5
138 81.6 69.7 104.5





#49
Acenaphthylene
Concen: 10.634 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

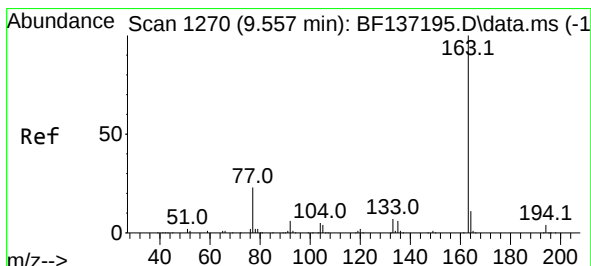
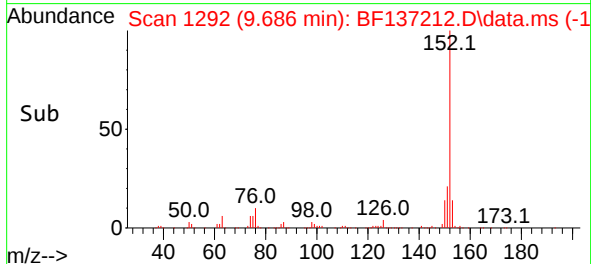
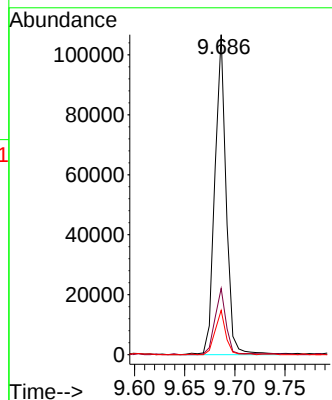
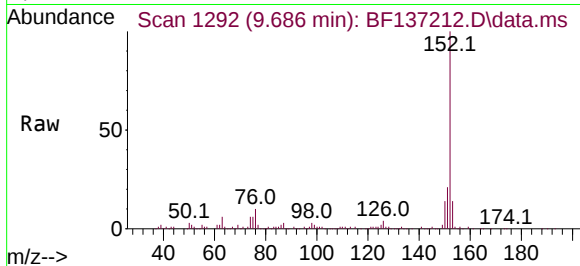
ClientSampleId :

TR-05-013024MSD

Tgt Ion:152 Resp: 83460
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 11.2 16.8

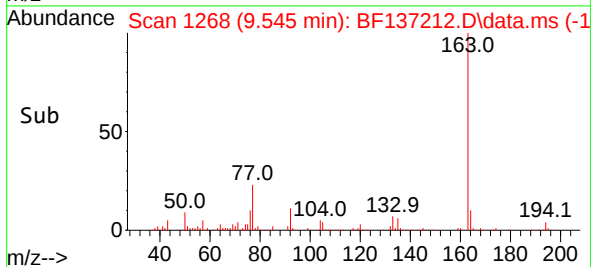
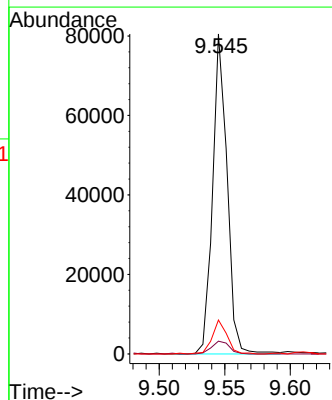
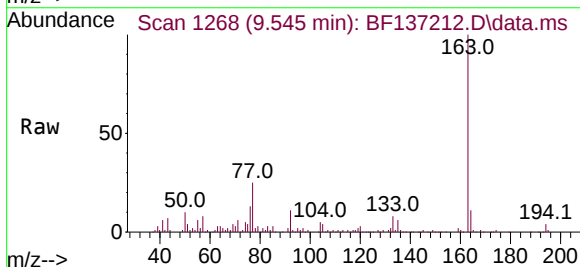
Manual Integrations
APPROVED

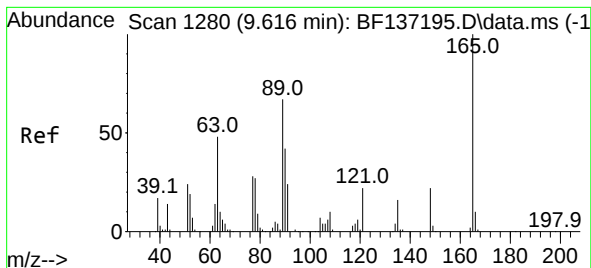
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#50
Dimethylphthalate
Concen: 10.983 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

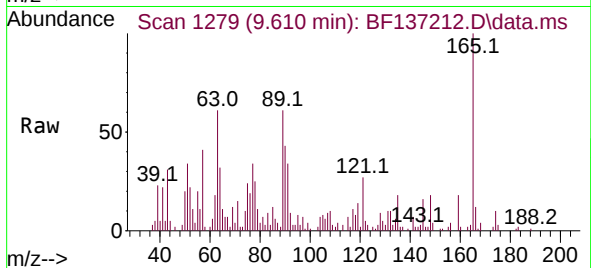
Tgt Ion:163 Resp: 61780
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 10.798 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

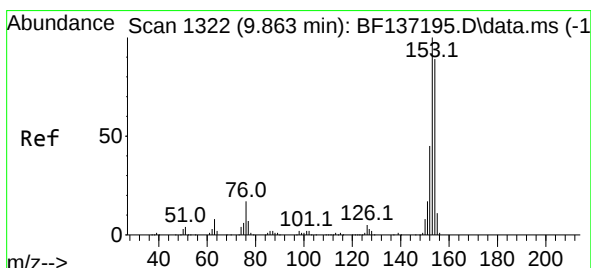
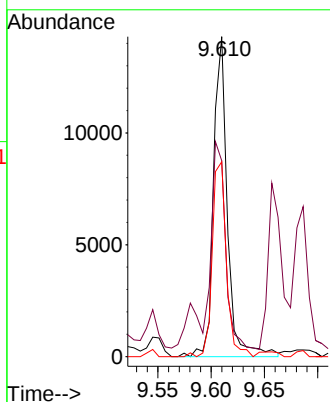
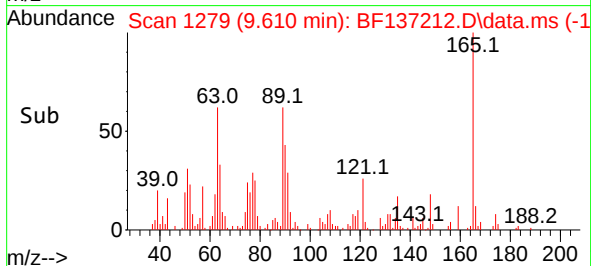
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



Tgt Ion:165 Resp: 12952
Ion Ratio Lower Upper
165 100
63 61.2 55.1 82.7
89 60.9 53.5 80.3

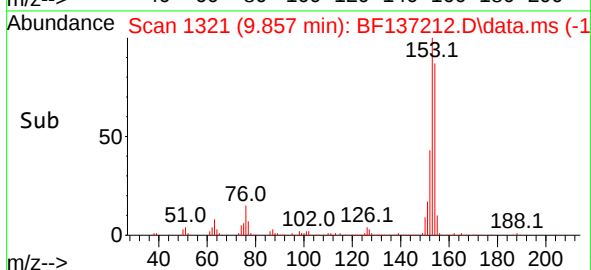
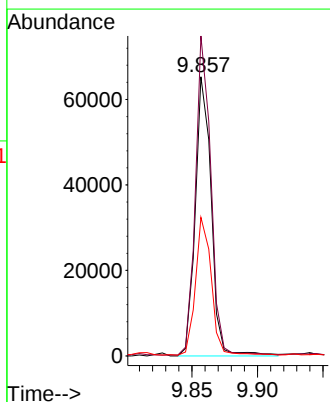
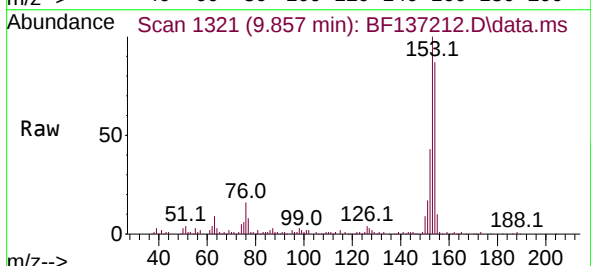
Manual Integrations
APPROVED

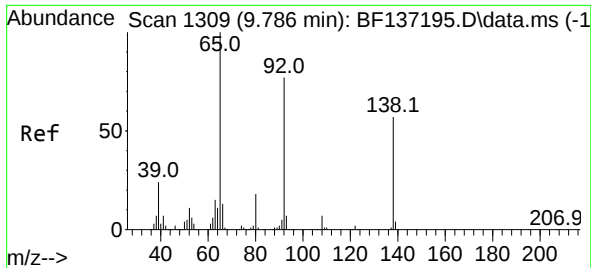
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#52
Acenaphthene
Concen: 11.957 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:154 Resp: 55155
Ion Ratio Lower Upper
154 100
153 114.6 90.2 135.4
152 49.6 40.6 60.8





#53
3-Nitroaniline
Concen: 7.270 ng
RT: 9.780 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

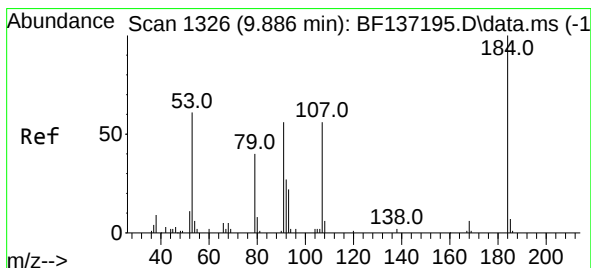
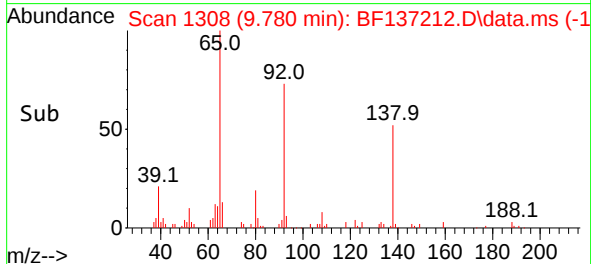
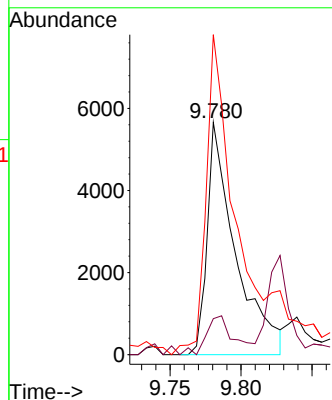
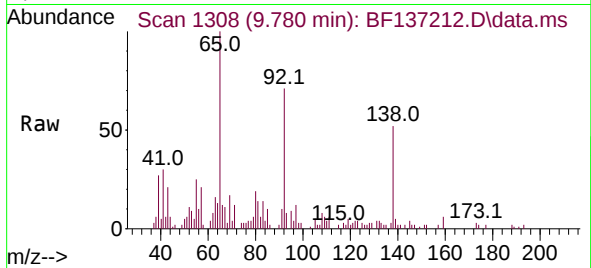
TR-05-013024MSD

Tgt Ion:138 Resp: 784
Ion Ratio Lower Upper
138 100
108 15.4 10.4 15.6
92 137.8 108.6 162.8

Manual Integrations

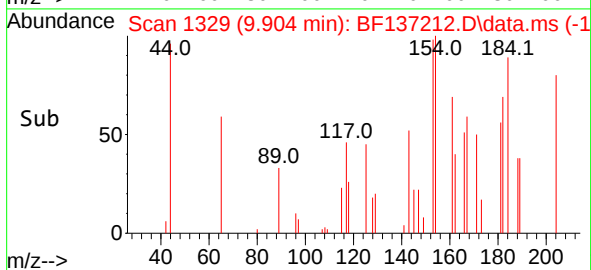
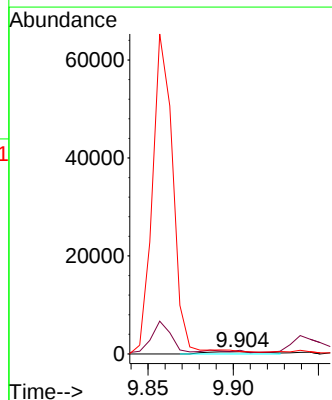
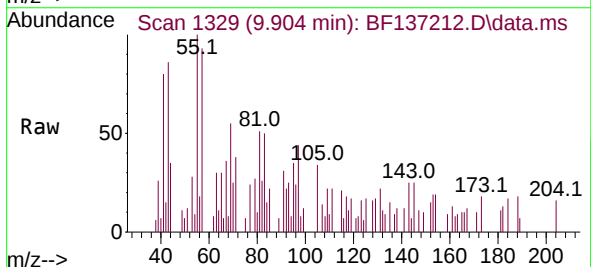
APPROVED

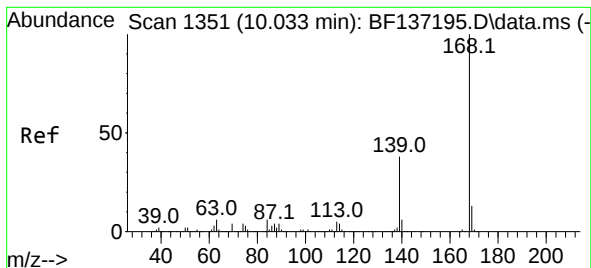
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#54
2,4-Dinitrophenol
Concen: 13.169 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:184 Resp: 1011
Ion Ratio Lower Upper
184 100
63 172.8 71.2 106.8#
154 112.8 64.9 97.3#





#55

Dibenzofuran

Concen: 10.797 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

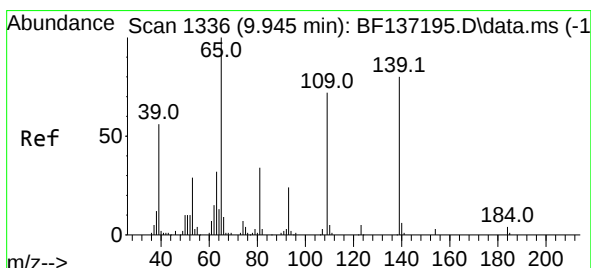
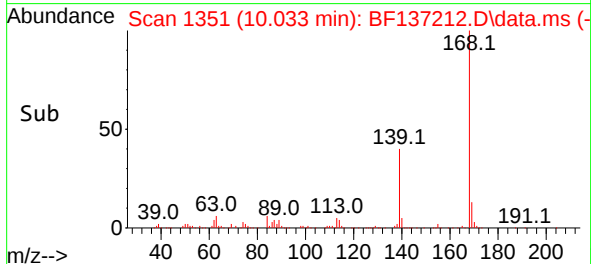
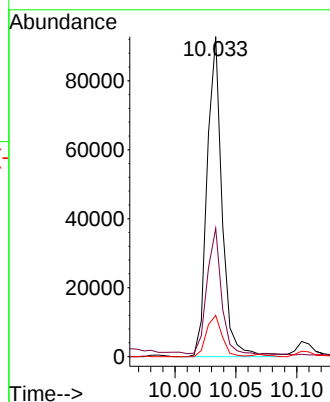
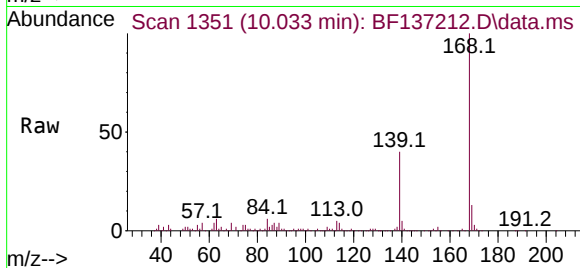
TR-05-013024MSD

Tgt Ion:168	Resp:	79238
Ion Ratio	Lower	Upper
168	100	
139	40.1	31.1 46.7
169	12.9	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#56

4-Nitrophenol

Concen: 21.964 ng

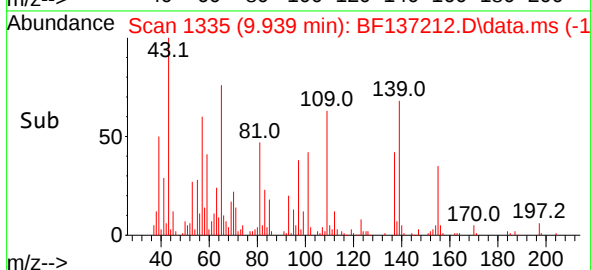
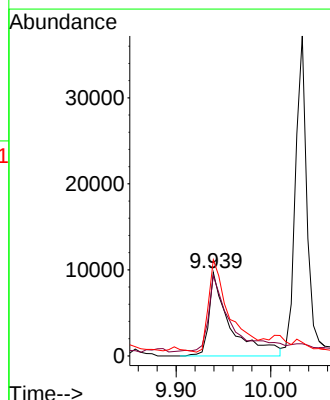
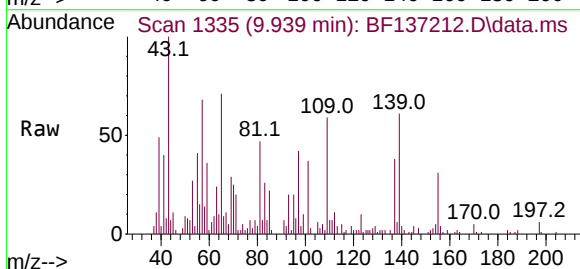
RT: 9.939 min Scan# 1335

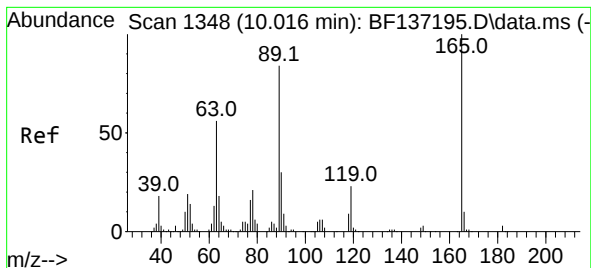
Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

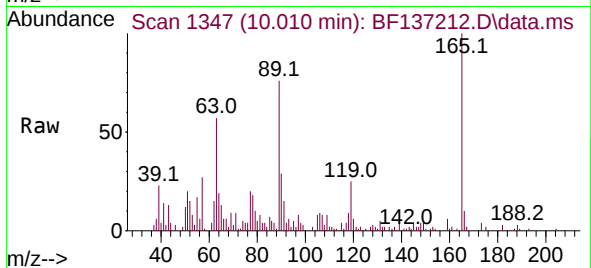
Tgt Ion:139	Resp:	15155
Ion Ratio	Lower	Upper
139	100	
109	96.3	70.4 110.4
65	115.4	107.6 147.6





#57
2,4-Dinitrotoluene
Concen: 10.449 ng
RT: 10.010 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

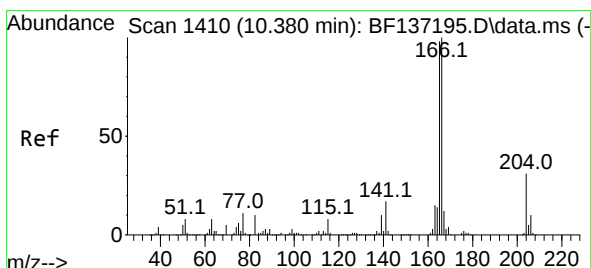
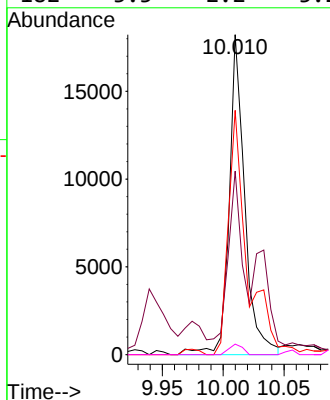
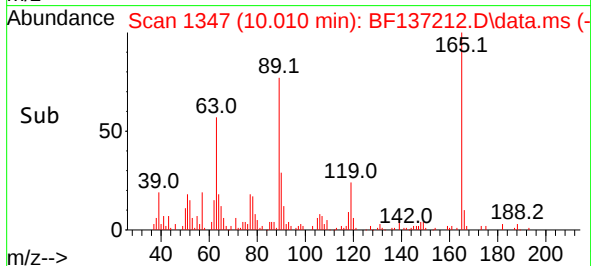
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



Tgt Ion:165 Resp: 16262
Ion Ratio Lower Upper
165 100
63 57.3 46.1 69.1
89 76.3 67.5 101.3
182 3.3 2.2 3.2#

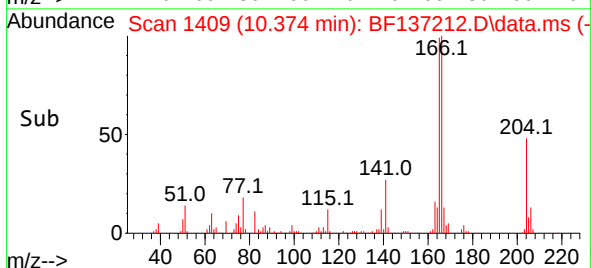
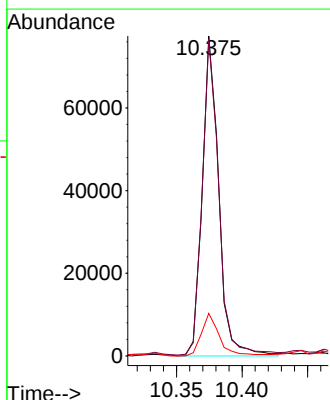
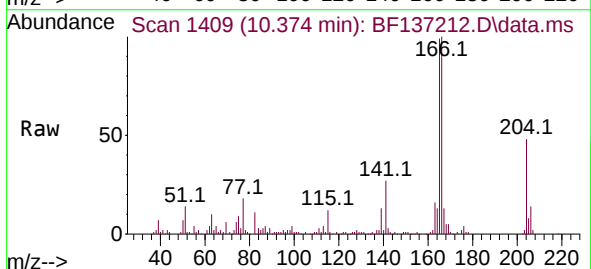
Manual Integrations
APPROVED

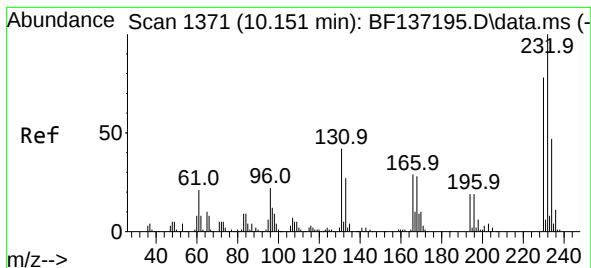
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#58
Fluorene
Concen: 11.722 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

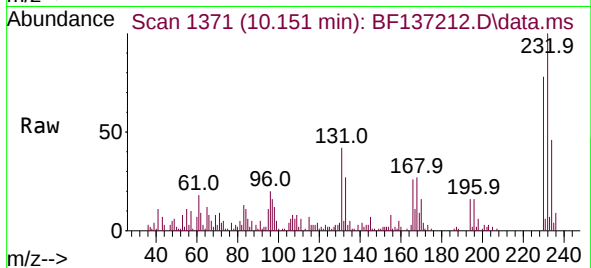
Tgt Ion:166 Resp: 67443
Ion Ratio Lower Upper
166 100
165 99.0 78.5 117.7
167 13.3 10.0 15.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.733 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

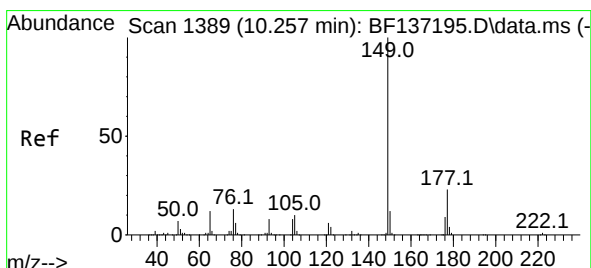
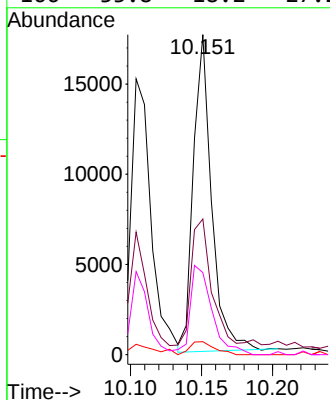
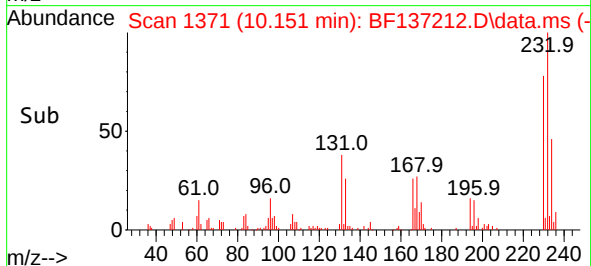
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



Tgt Ion:232 Resp: 15643
Ion Ratio Lower Upper
232 100
131 44.8 27.4 41.2
130 5.5 1.7 2.5
166 33.8 18.2 27.2

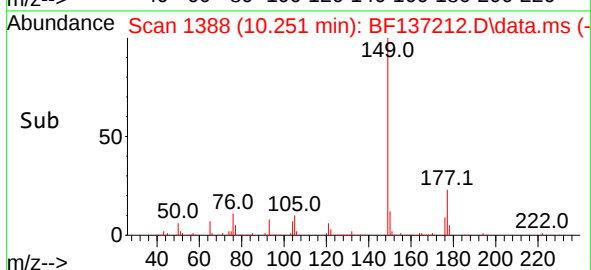
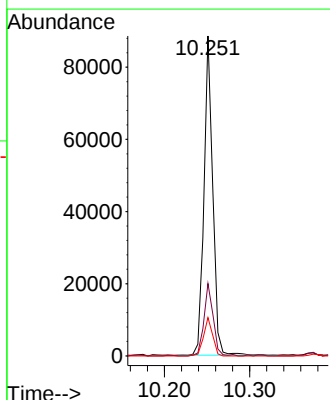
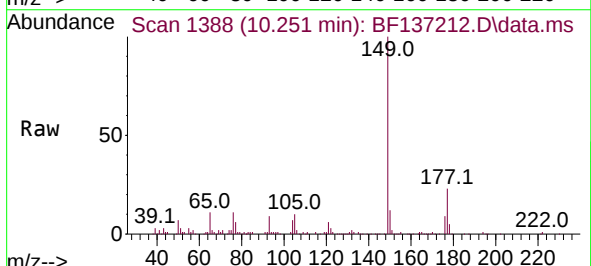
Manual Integrations
APPROVED

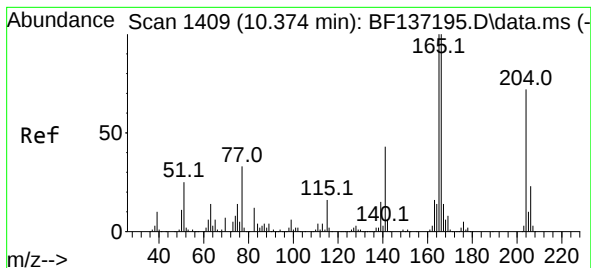
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#60
Diethylphthalate
Concen: 11.405 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:149 Resp: 63166
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.0 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 11.005 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

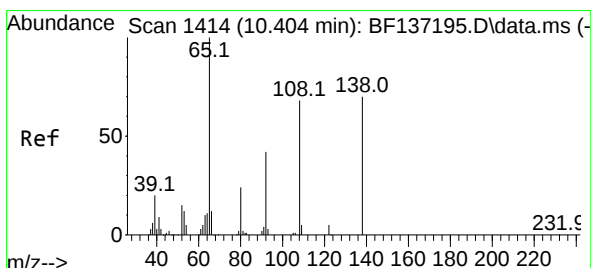
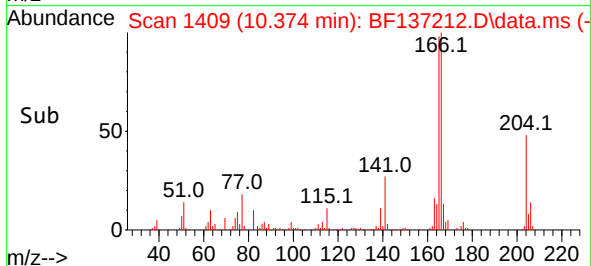
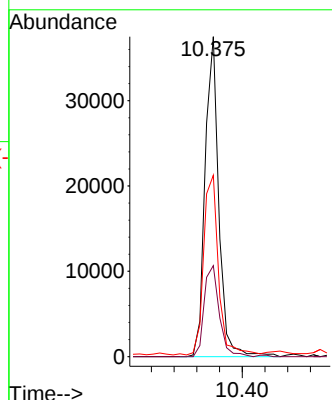
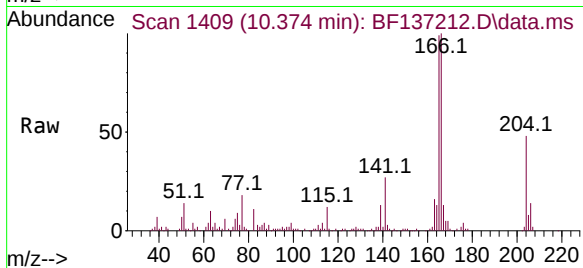
TR-05-013024MSD

Tgt Ion:204 Resp: 3147
Ion Ratio Lower Upper
204 100
206 28.4 25.5 38.3
141 56.7 48.3 72.5

Manual Integrations

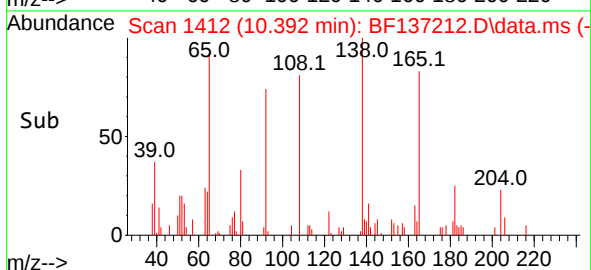
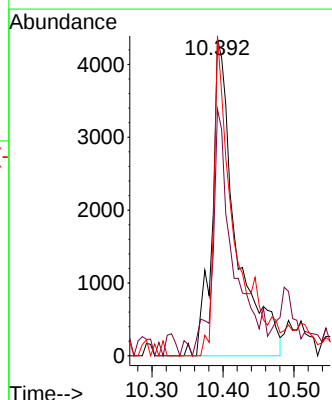
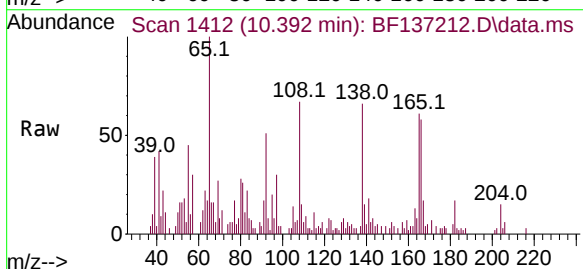
APPROVED

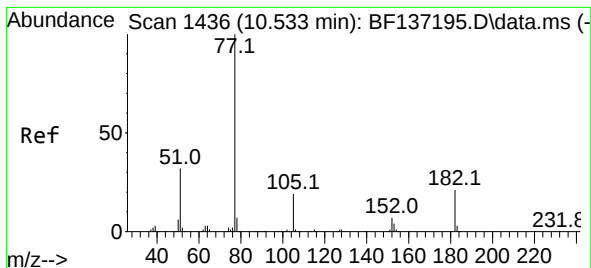
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#62
4-Nitroaniline
Concen: 9.783 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

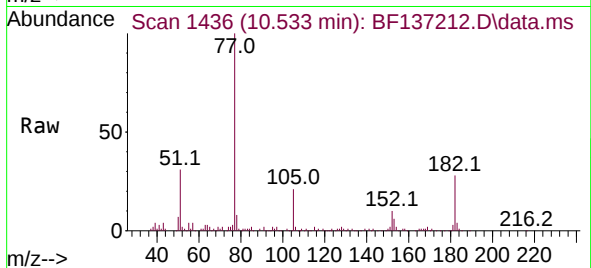
Tgt Ion:138 Resp: 10108
Ion Ratio Lower Upper
138 100
92 77.7 39.3 79.3
108 100.9 75.3 115.3





#63
Azobenzene
Concen: 10.217 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

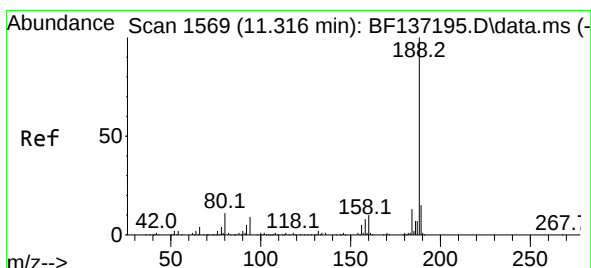
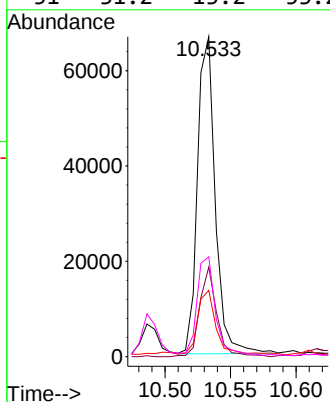
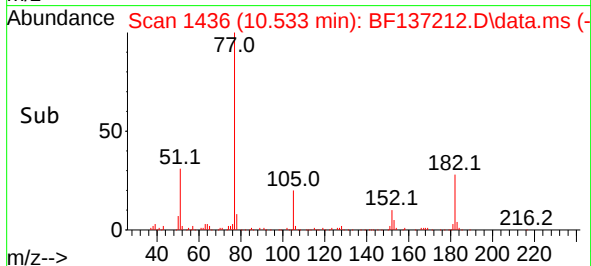
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



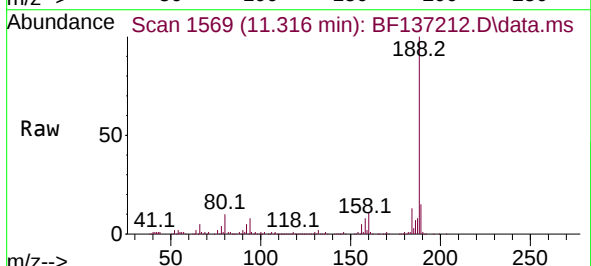
Tgt Ion: 77 Resp: 62670
Ion Ratio Lower Upper
77 100
182 28.0 1.1 41.1
105 20.7 0.0 38.9
51 31.2 13.2 53.2

Manual Integrations
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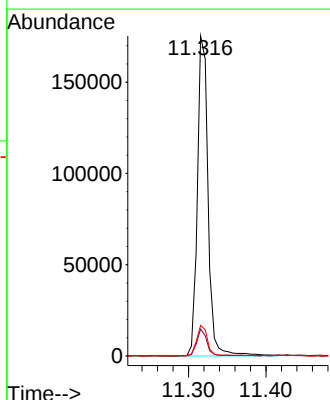
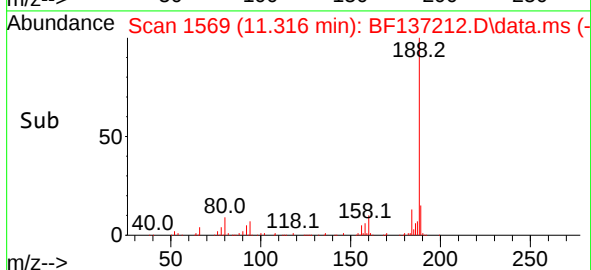
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

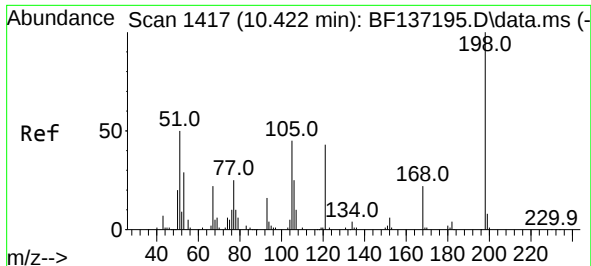


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03



Tgt Ion:188 Resp: 167847
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.5 8.8 13.2





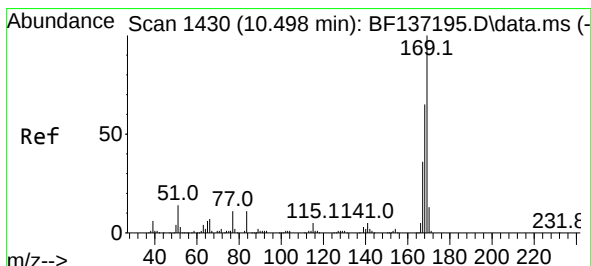
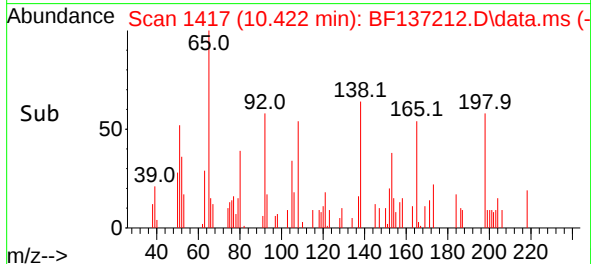
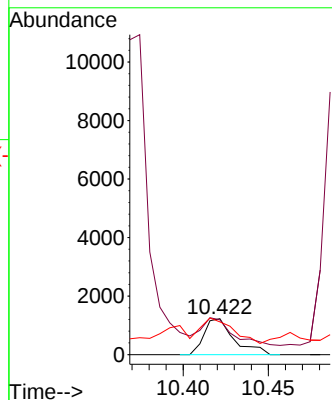
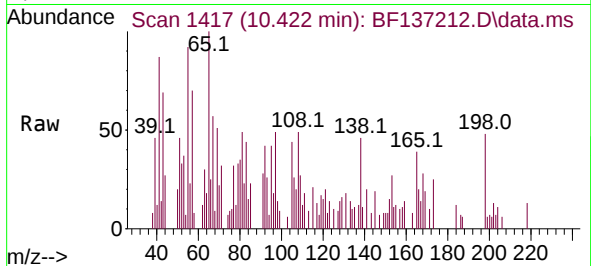
#65
4,6-Dinitro-2-methylphenol
Concen: 6.943 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

Tgt Ion:198 Resp: 1493
Ion Ratio Lower Upper
198 100
51 96.9 40.9 80.9
105 91.0 26.5 66.5

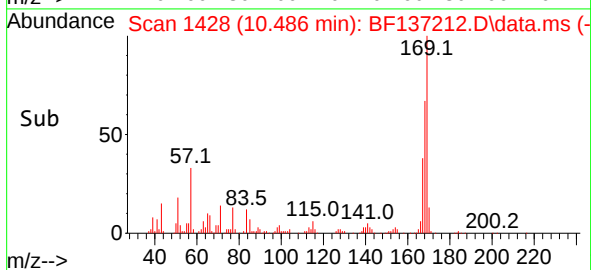
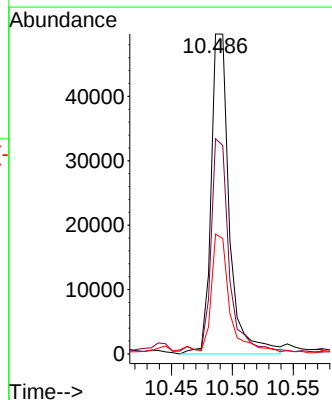
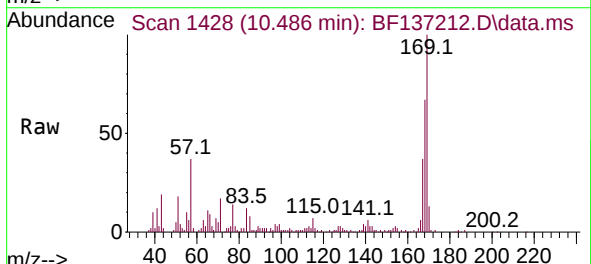
Manual Integrations
APPROVED

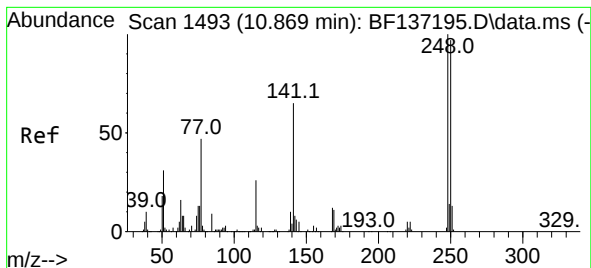
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#66
n-Nitrosodiphenylamine
Concen: 10.209 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

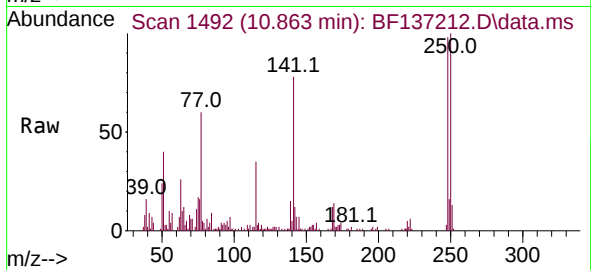
Tgt Ion:169 Resp: 52104
Ion Ratio Lower Upper
169 100
168 67.2 51.9 77.9
167 37.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 10.500 ng
RT: 10.863 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

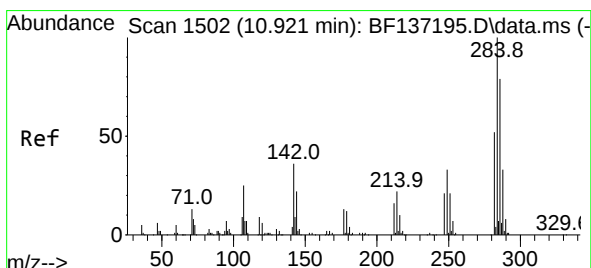
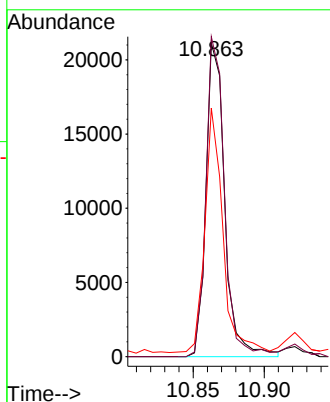
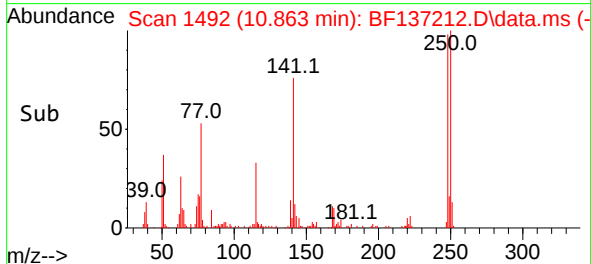
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



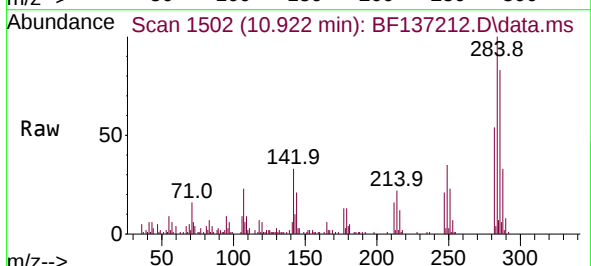
Tgt Ion:248 Resp: 19378
Ion Ratio Lower Upper
248 100
250 102.0 77.7 116.5
141 79.2 51.6 77.4

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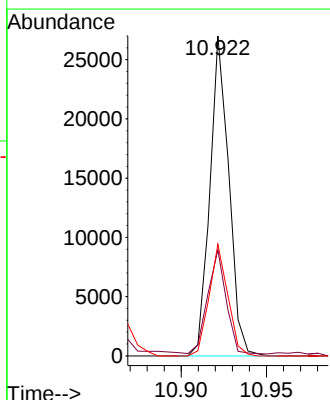
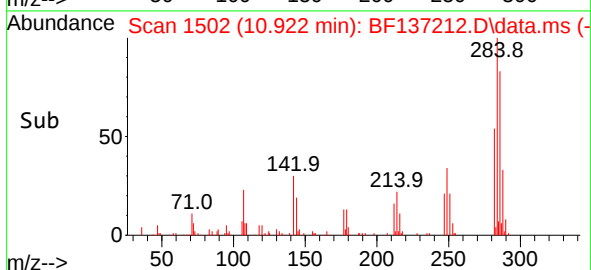
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

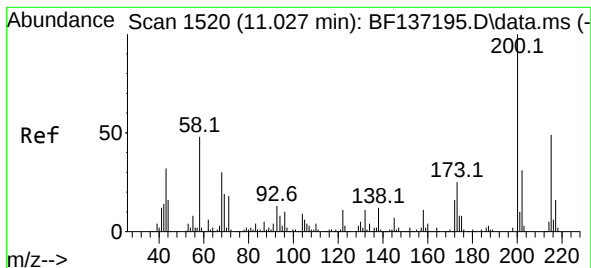


#68
Hexachlorobenzene
Concen: 10.147 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03



Tgt Ion:284 Resp: 20917
Ion Ratio Lower Upper
284 100
142 33.1 28.7 43.1
249 34.9 27.0 40.4





#69

Atrazine

Concen: 11.899 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

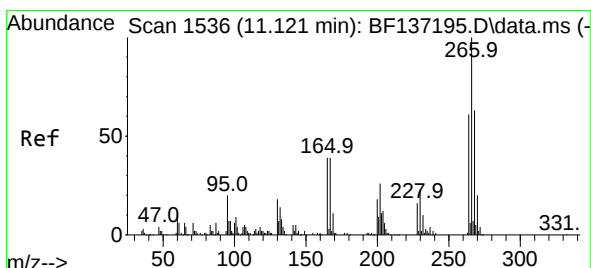
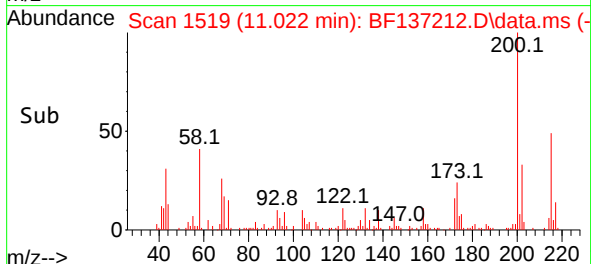
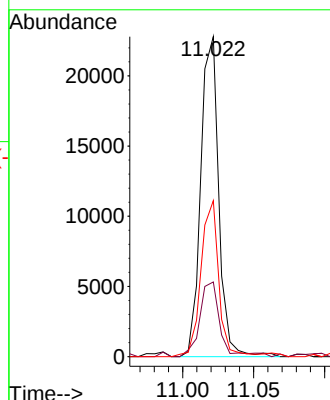
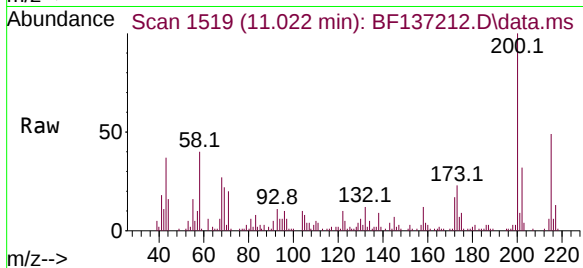
TR-05-013024MSD

Tgt Ion:200 Resp: 2004
 Ion Ratio Lower Upper
 200 100
 173 23.3 5.3 45.3
 215 48.7 29.4 69.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024



#70

Pentachlorophenol

Concen: 22.127 ng

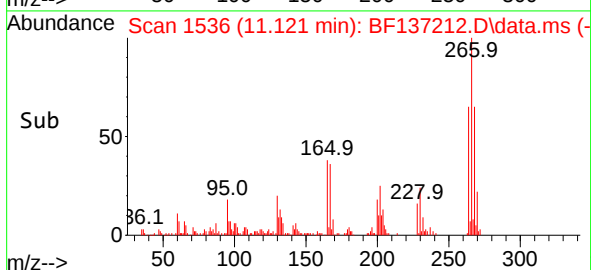
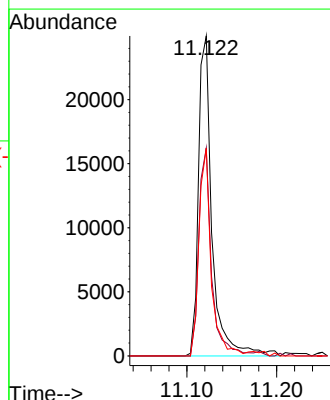
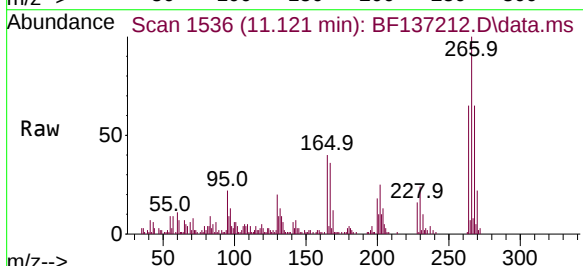
RT: 11.121 min Scan# 1536

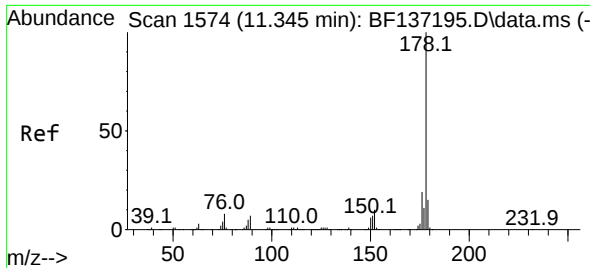
Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion:266 Resp: 26148
 Ion Ratio Lower Upper
 266 100
 268 65.0 50.6 76.0
 264 64.8 48.8 73.2





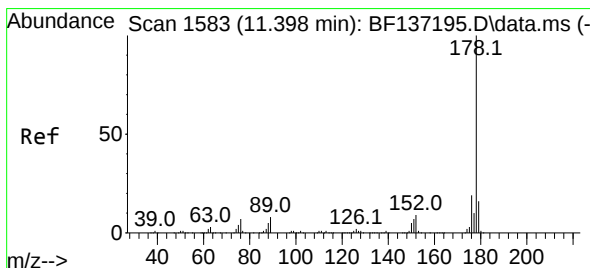
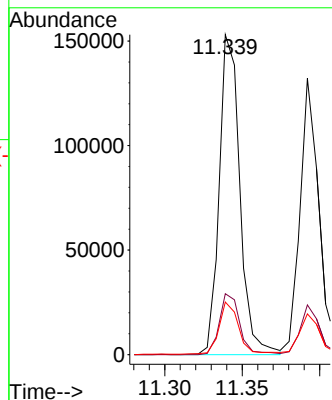
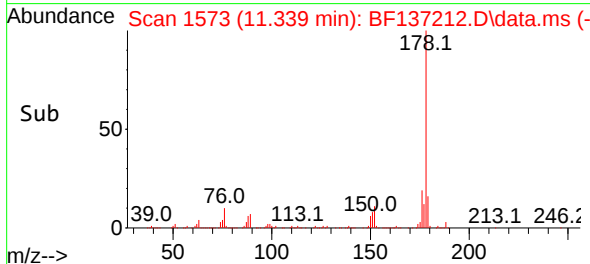
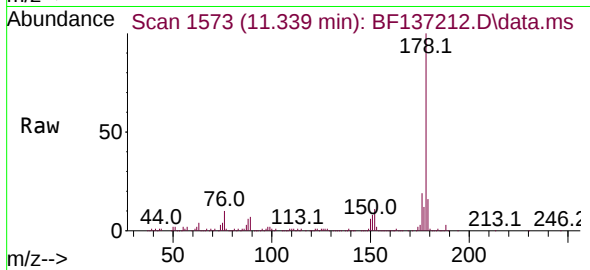
#71
Phenanthrene
Concen: 16.148 ng
RT: 11.339 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

Tgt Ion:178 Resp: 141890
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.4 12.1 18.1

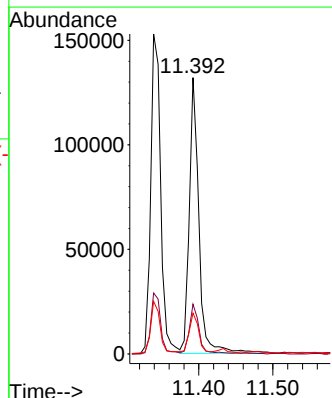
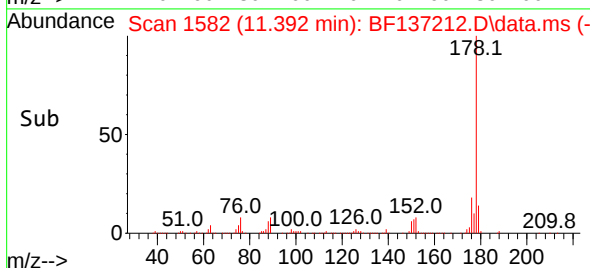
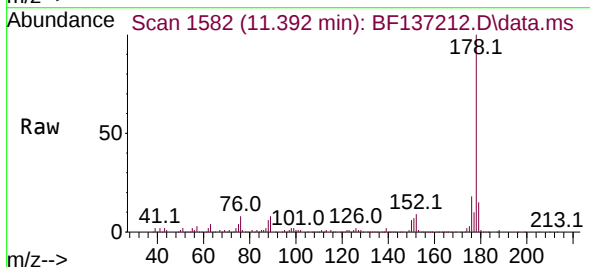
Manual Integrations
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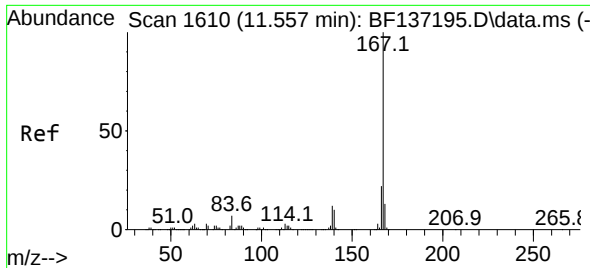
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#72
Anthracene
Concen: 12.958 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:178 Resp: 118681
Ion Ratio Lower Upper
178 100
176 18.0 15.3 22.9
179 14.8 12.7 19.1





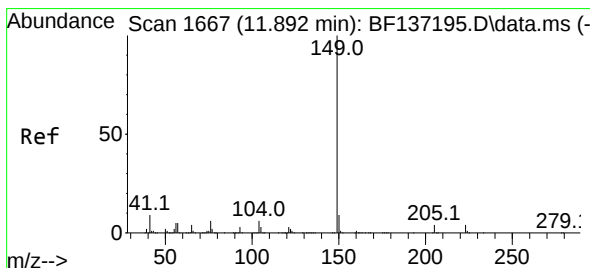
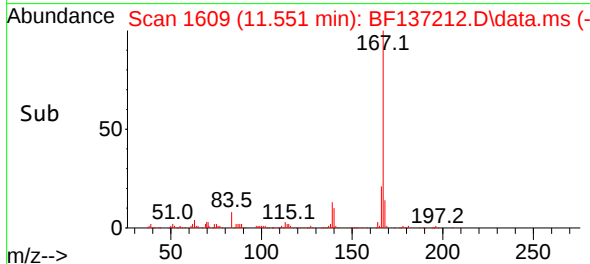
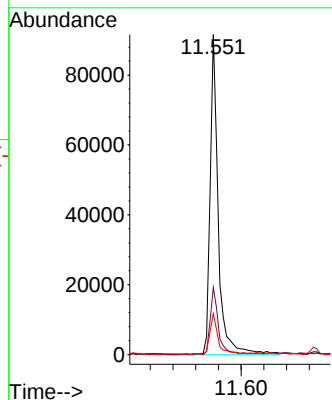
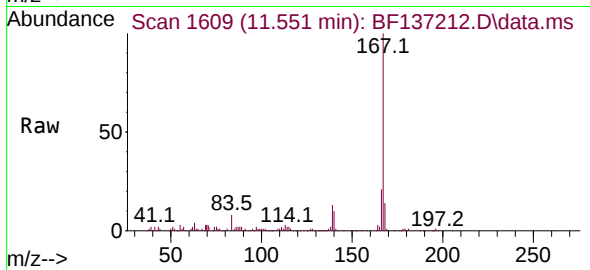
#73
Carbazole
Concen: 11.992 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

Tgt Ion:167 Resp: 91785
Ion Ratio Lower Upper
167 100
166 21.0 17.6 26.4
139 12.8 9.7 14.5

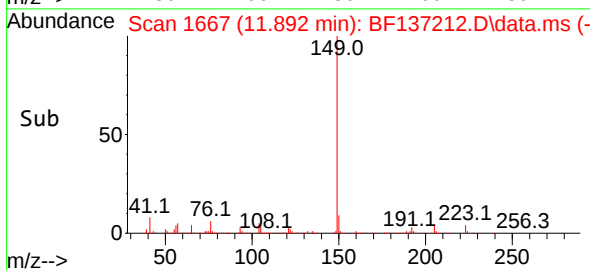
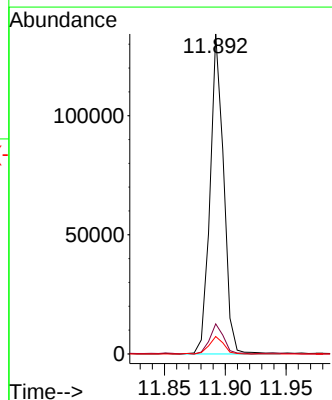
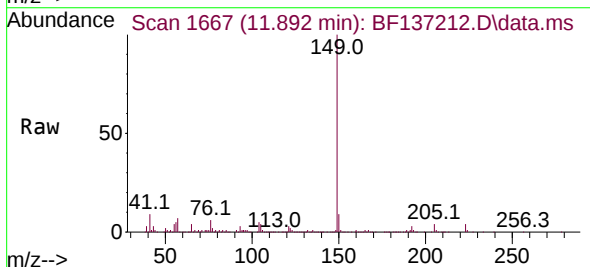
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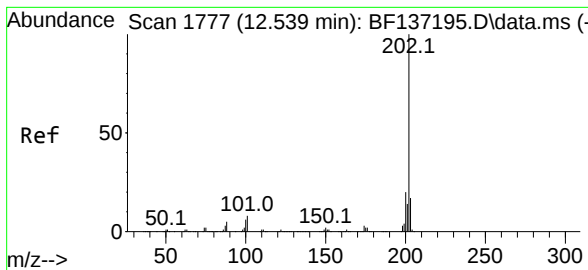
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#74
Di-n-butylphthalate
Concen: 12.640 ng
RT: 11.892 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

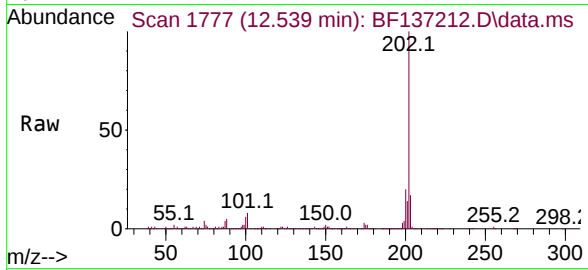
Tgt Ion:149 Resp: 104585
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.4 4.5 6.7





#75
Fluoranthene
Concen: 26.606 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

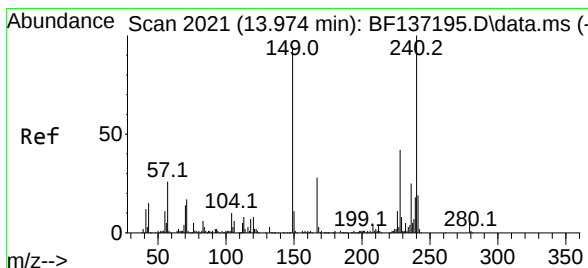
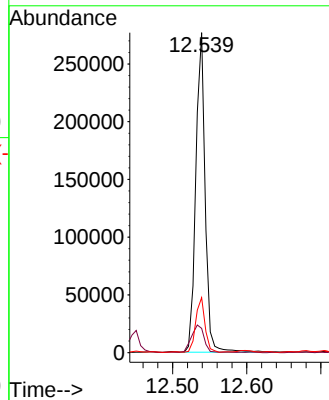
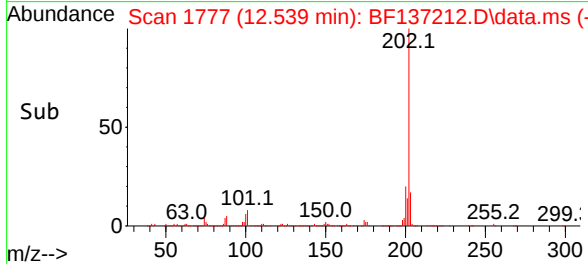
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



Tgt Ion:202 Resp: 244637
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.4
203 17.2 0.0 37.3

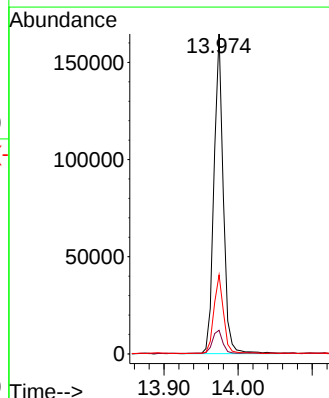
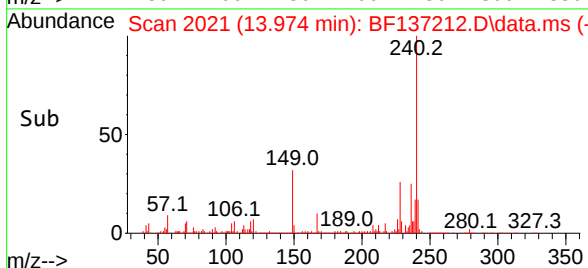
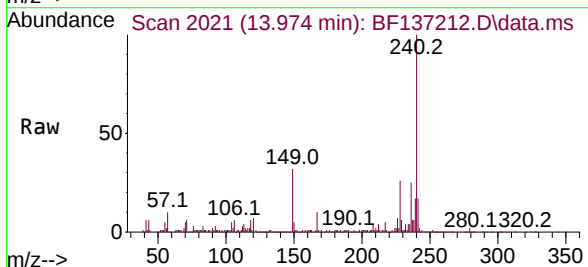
Manual Integrations
APPROVED

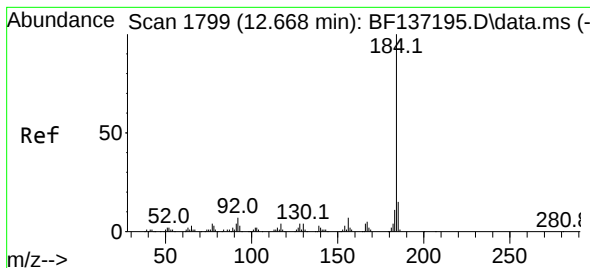
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:240 Resp: 143710
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 24.7 20.3 30.5





#77

Benzidine

Concen: 15.247 ng

RT: 12.674 min Scan# 1800

Delta R.T. 0.006 min

Lab File: BF137212.D

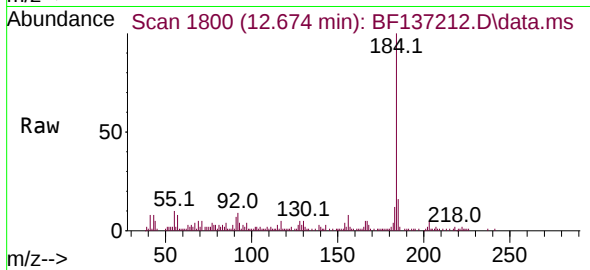
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

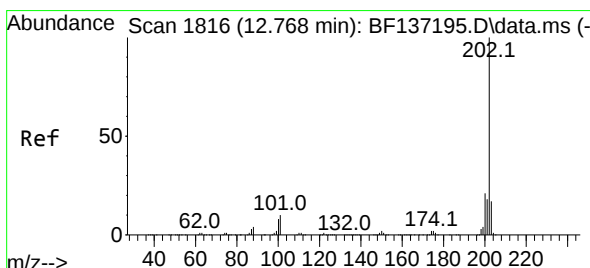
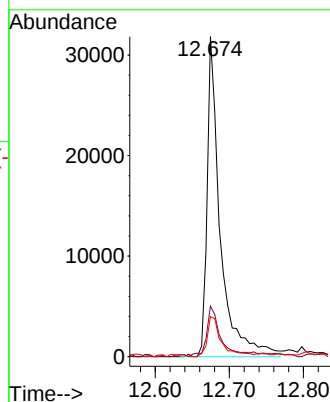
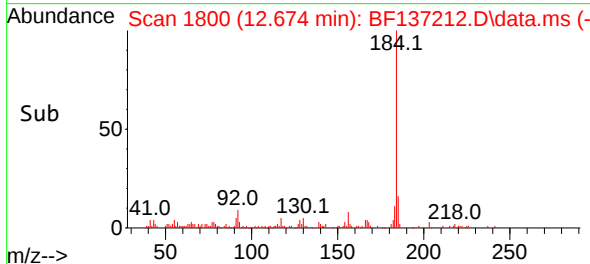


Tgt Ion:	184	Resp:	39235
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.9	17.9
183	12.5	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#78

Pyrene

Concen: 16.872 ng

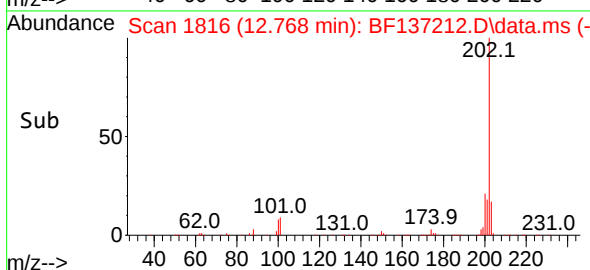
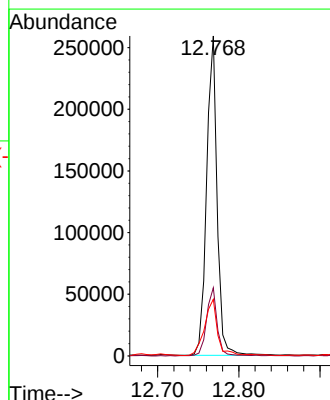
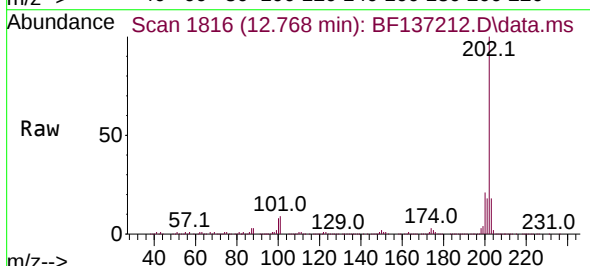
RT: 12.768 min Scan# 1816

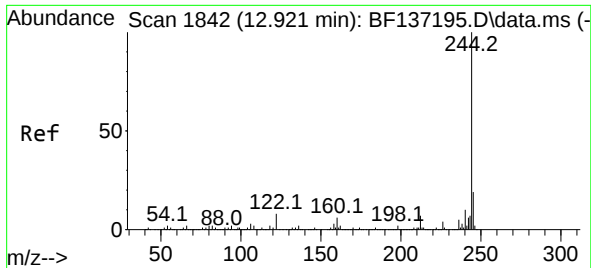
Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion:	202	Resp:	233009
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.5	24.7
203	17.7	13.8	20.6





#79
Terphenyl-d14
Concen: 13.767 ng
RT: 12.916 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

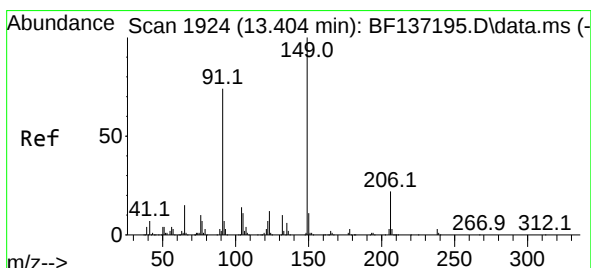
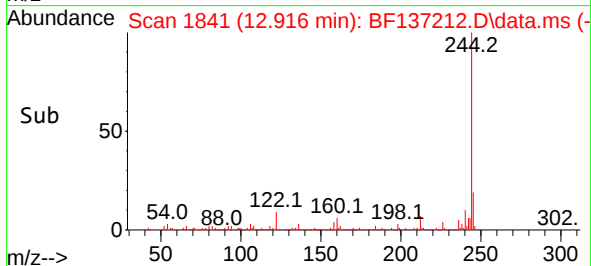
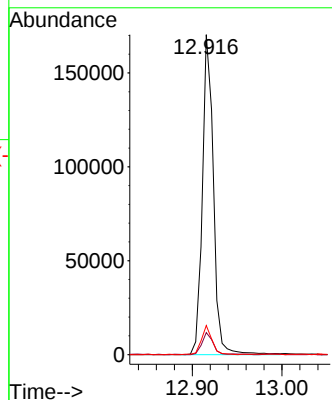
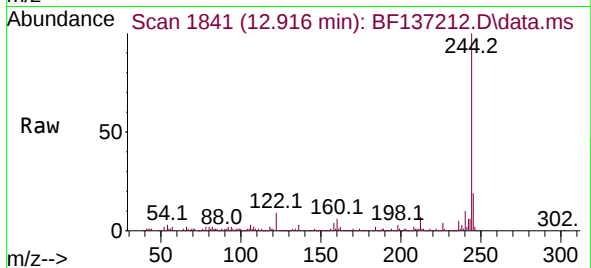
TR-05-013024MSD

Tgt Ion:244 Resp: 14553
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 9.1 6.2 9.4

Manual Integrations

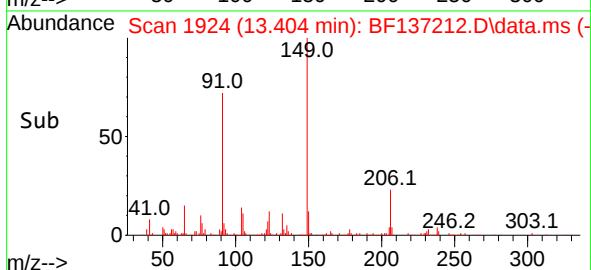
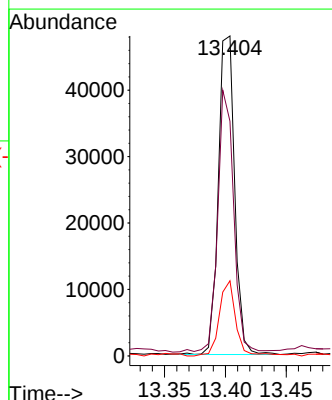
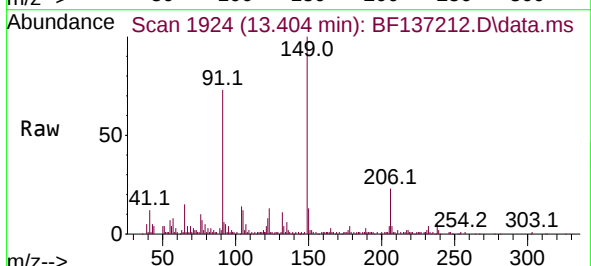
APPROVED

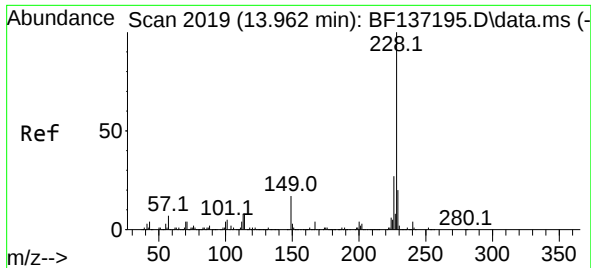
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#80
Butylbenzylphthalate
Concen: 12.698 ng
RT: 13.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

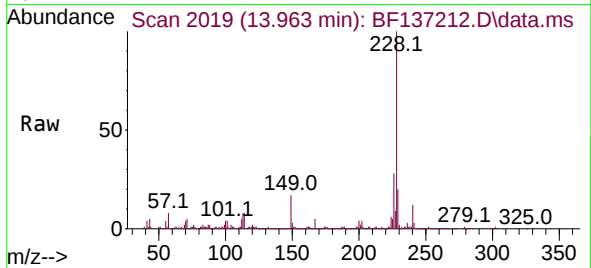
Tgt Ion:149 Resp: 44862
Ion Ratio Lower Upper
149 100
91 73.3 58.8 88.2
206 23.5 17.7 26.5





#81
Benzo(a)anthracene
Concen: 18.836 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

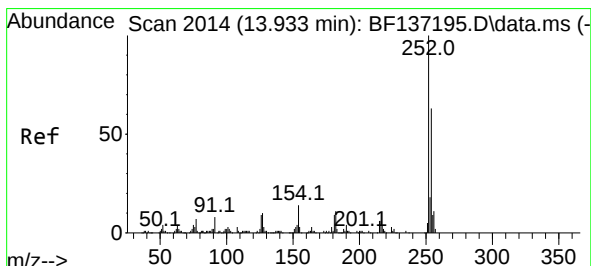
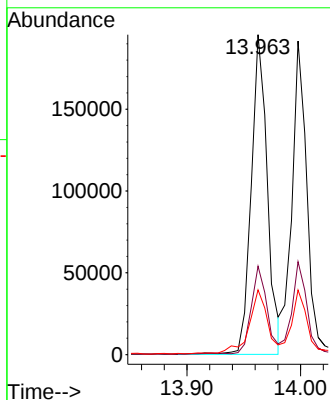
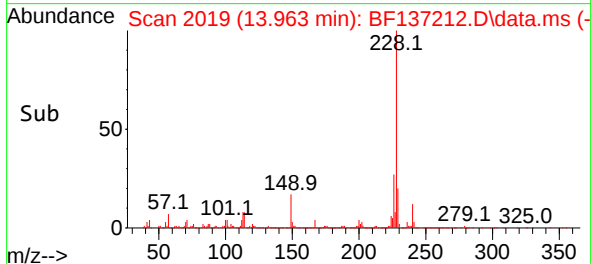
Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD



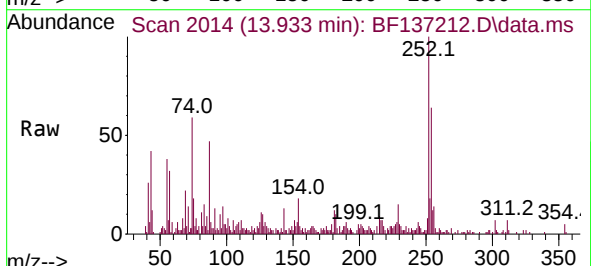
Tgt Ion:228 Resp: 191705
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 20.2 15.8 23.6

Manual Integrations
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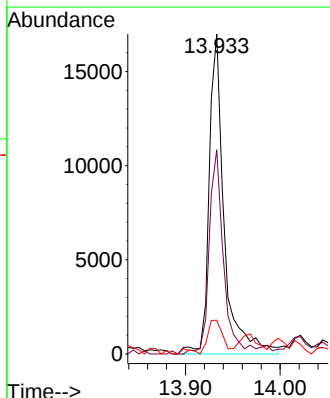
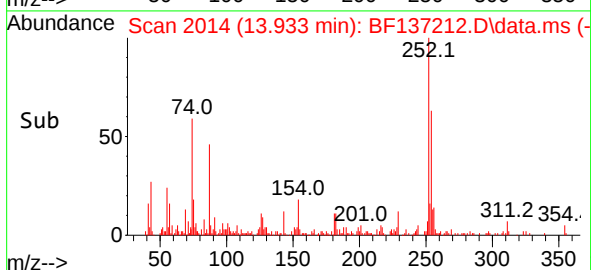
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

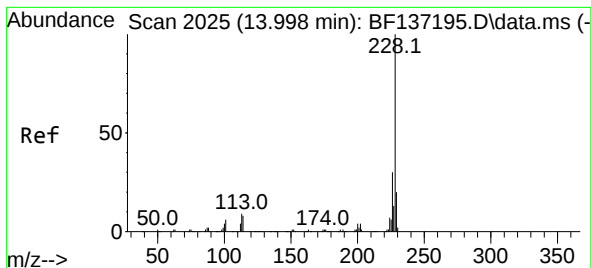


#82
3,3'-Dichlorobenzidine
Concen: 6.816 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03



Tgt Ion:252 Resp: 18901
Ion Ratio Lower Upper
252 100
254 63.8 50.2 75.2
126 10.5 7.0 10.6





#83

Chrysene

Concen: 17.614 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

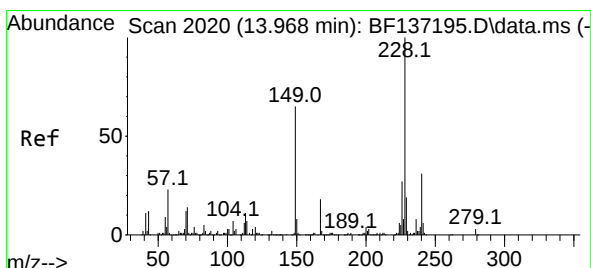
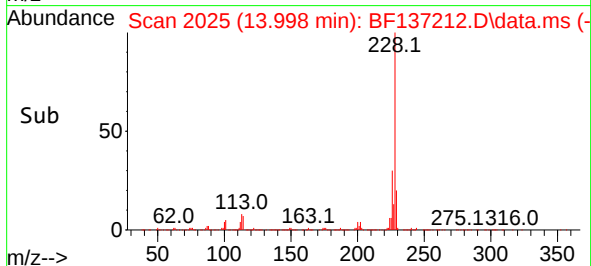
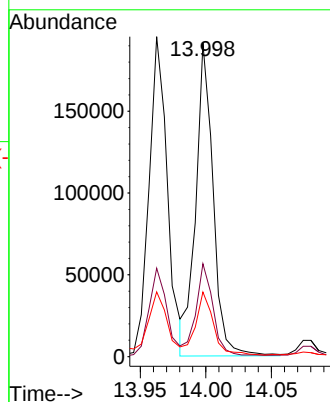
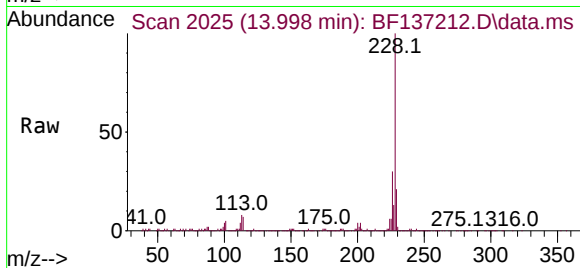
Tgt Ion:228 Resp: 176245

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	20.6	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 16.213 ng

RT: 13.968 min Scan# 2020

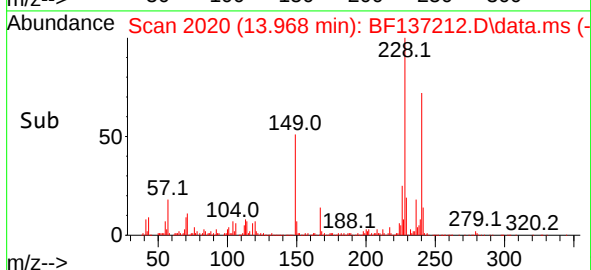
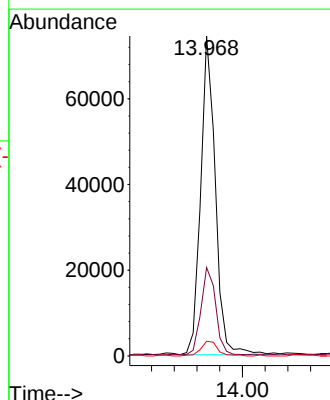
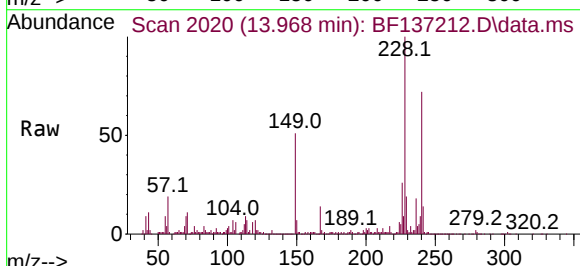
Delta R.T. 0.000 min

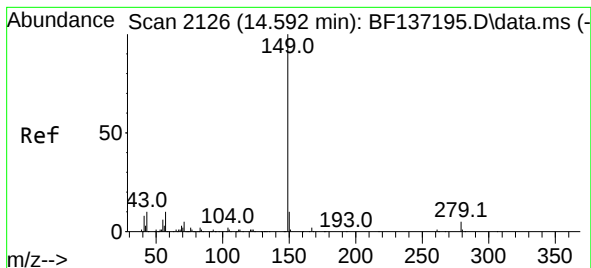
Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion:149 Resp: 66640

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.7	32.5
279	4.6	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 16.431 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

Tgt Ion:149 Resp: 107382

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

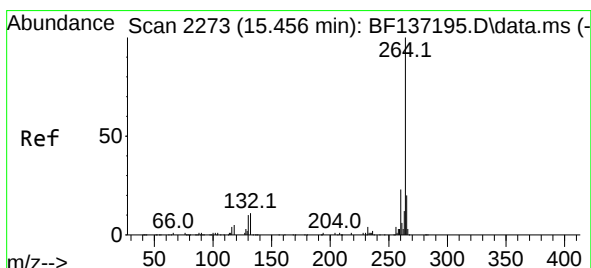
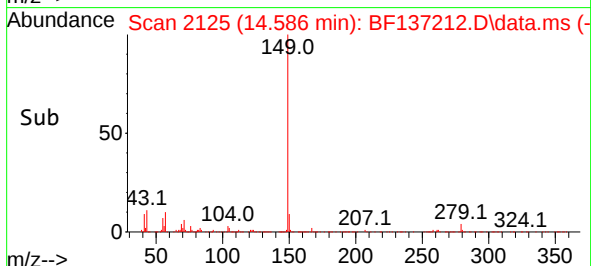
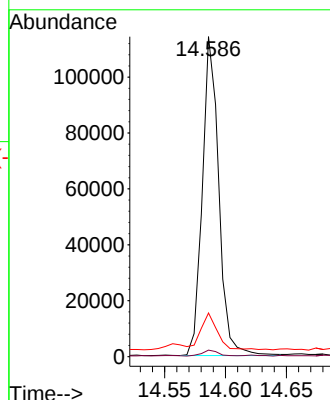
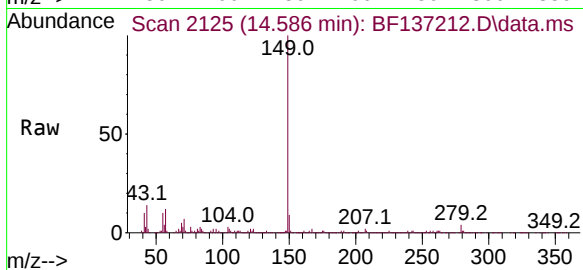
43 12.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024

Supervised By :Sohil Jodhani 02/02/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

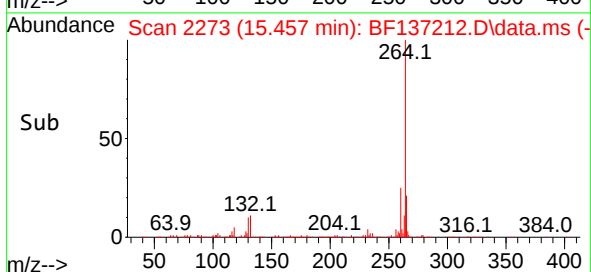
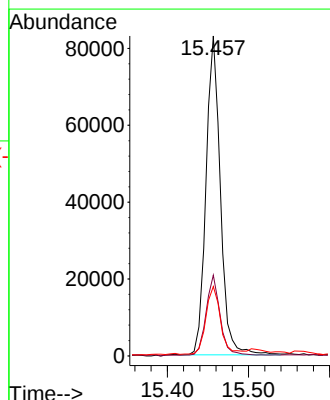
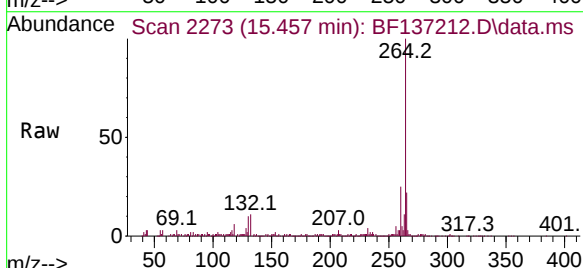
Tgt Ion:264 Resp: 102445

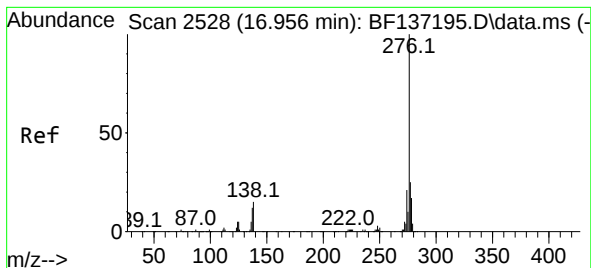
Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.4

265 21.7 16.2 24.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 12.276 ng

RT: 16.951 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

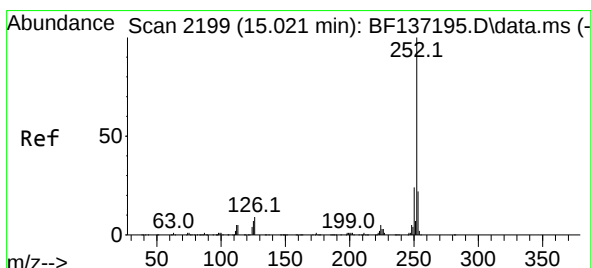
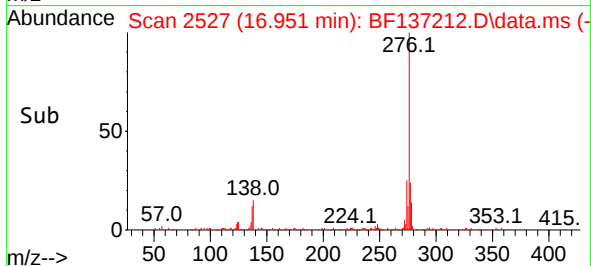
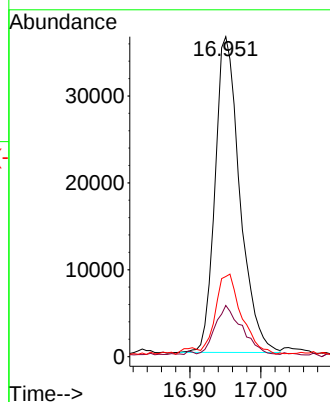
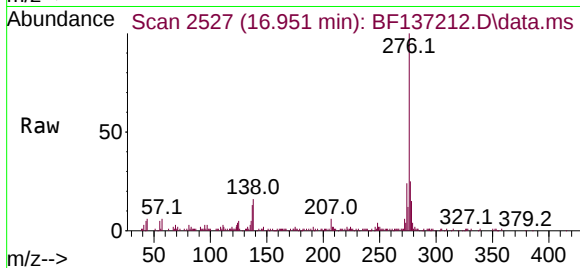
TR-05-013024MSD

Tgt Ion:276 Resp: 88356
 Ion Ratio Lower Upper
 276 100
 138 16.7 14.6 21.8
 277 26.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
 Supervised By :Sohil Jodhani 02/02/2024



#88

Benzo(b)fluoranthene

Concen: 24.289 ng

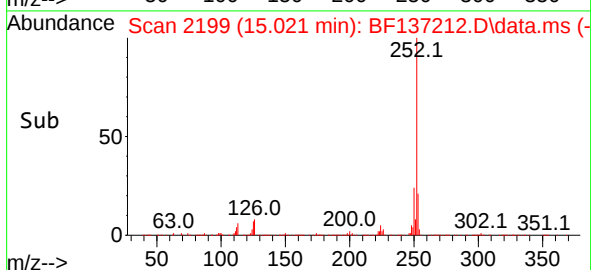
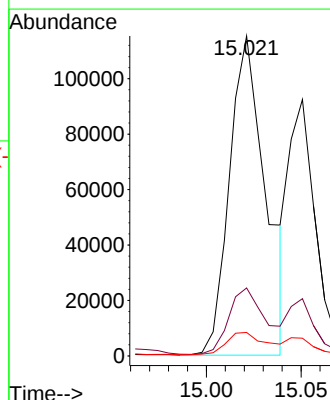
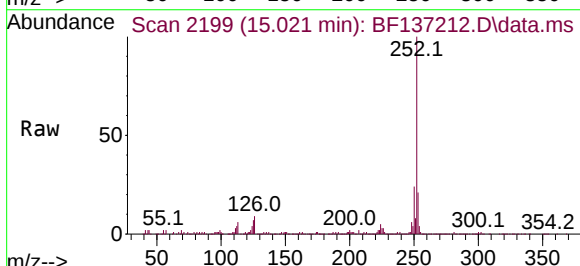
RT: 15.021 min Scan# 2199

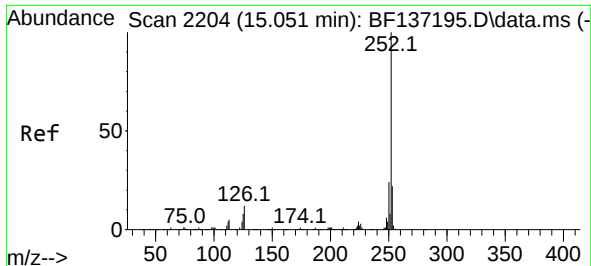
Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion:252 Resp: 153028
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.9 26.9
 125 7.3 5.4 8.2





#89

Benzo(k)fluoranthene

Concen: 13.773 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Instrument :

BNA_F

ClientSampleId :

TR-05-013024MSD

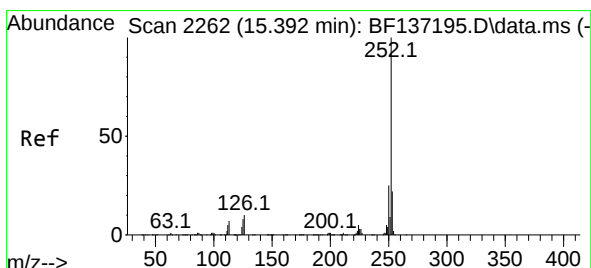
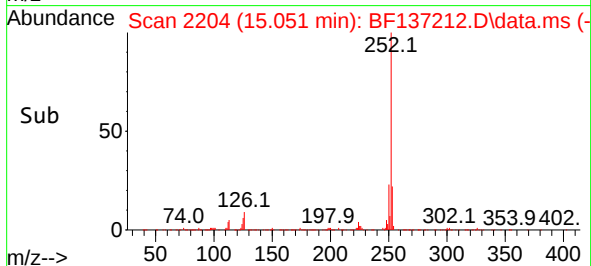
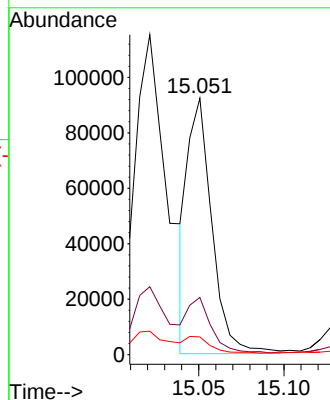
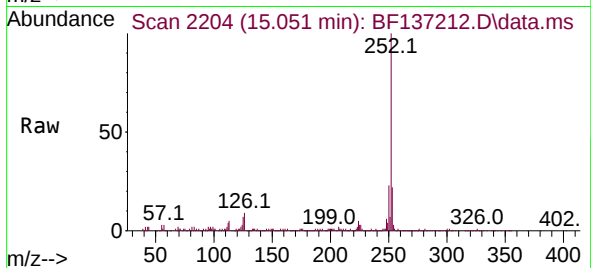
Tgt Ion:252 Resp: 91800

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	6.9	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#90

Benzo(a)pyrene

Concen: 18.243 ng

RT: 15.392 min Scan# 2262

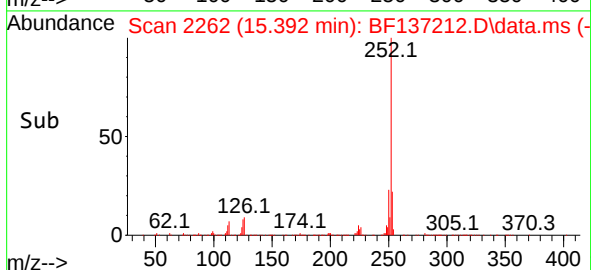
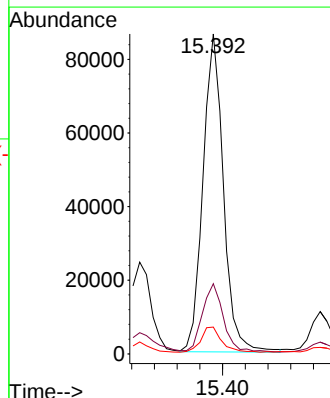
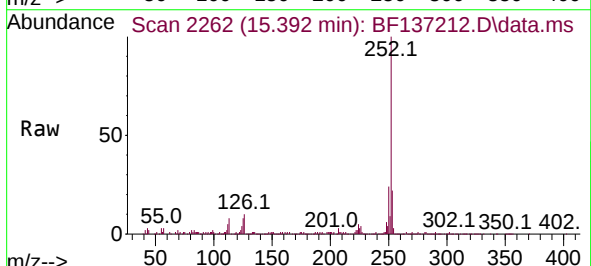
Delta R.T. 0.000 min

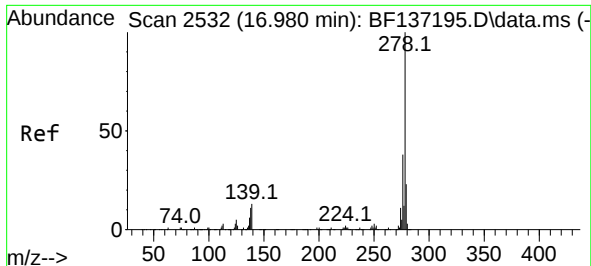
Lab File: BF137212.D

Acq: 31 Jan 2024 16:03

Tgt Ion:252 Resp: 108165

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.4	6.5	9.7





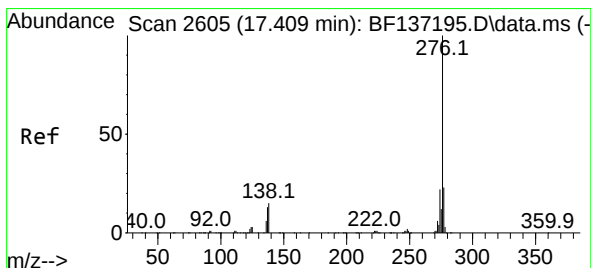
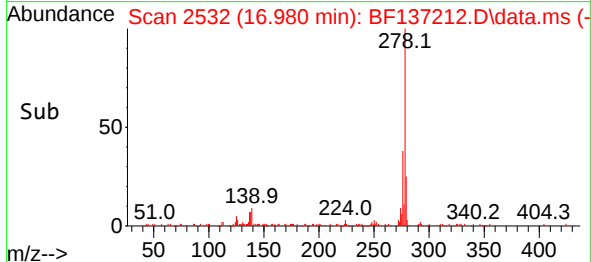
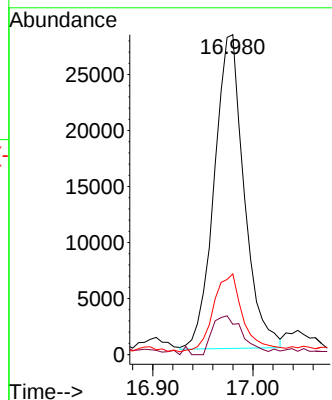
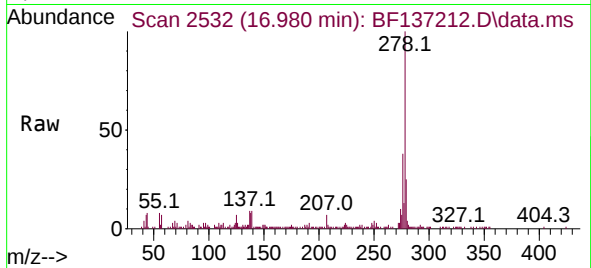
#91
Dibenzo(a,h)anthracene
Concen: 10.066 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Instrument :
BNA_F
ClientSampleId :
TR-05-013024MSD

Tgt Ion:278 Resp: 58052
Ion Ratio Lower Upper
278 100
139 9.5 10.0 15.0
279 25.2 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024



#92
Benzo(g,h,i)perylene
Concen: 13.047 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF137212.D
Acq: 31 Jan 2024 16:03

Tgt Ion:276 Resp: 73851
Ion Ratio Lower Upper
276 100
277 23.1 18.4 27.6
138 14.6 11.8 17.8

