

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137664.D
 Acq On : 21 Mar 2024 16:57
 Operator : CG\JU
 Sample : P1803-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-PITMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 21 17:31:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	144535	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	555813	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	287677	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	433543	20.000	ng	0.00
76) Chrysene-d12	13.880	240	292556	20.000	ng	0.00
86) Perylene-d12	15.298	264	323087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1127960	118.196	ng	0.02
7) Phenol-d6	6.369	99	1366115	99.171	ng	0.00
23) Nitrobenzene-d5	7.298	82	997071	83.352	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	342372	135.523	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1613819	87.814	ng	0.00
79) Terphenyl-d14	12.827	244	1430305	67.229	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.522	88	190052	36.422	ng	# 84
3) Pyridine	3.210	79	291808	23.188	ng	96
4) n-Nitrosodimethylamine	3.140	42	191023	38.307	ng	96
6) Aniline	6.404	93	86837	5.159	ng	# 72
8) 2-Chlorophenol	6.516	128	431173	42.836	ng	98
9) Benzaldehyde	6.287	77	38744	5.741	ng	97
10) Phenol	6.381	94	495414	33.413	ng	99
11) bis(2-Chloroethyl)ether	6.469	93	448259	41.257	ng	98
12) 1,3-Dichlorobenzene	6.669	146	472934	43.970	ng	97
13) 1,4-Dichlorobenzene	6.745	146	471580	42.852	ng	98
14) 1,2-Dichlorobenzene	6.898	146	454807	45.026	ng	96
15) Benzyl Alcohol	6.875	79	351580	40.996	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	663426	35.523	ng	91
17) 2-Methylphenol	6.992	107	349484	37.105	ng	96
18) Hexachloroethane	7.234	117	162090	44.732	ng	96
19) n-Nitroso-di-n-propyla...	7.145	70	326004	38.324	ng	98
20) 3+4-Methylphenols	7.145	107	409485	37.961	ng	97
22) Acetophenone	7.139	105	590818	43.933	ng	# 94
24) Nitrobenzene	7.316	77	490915	40.853	ng	93
25) Isophorone	7.551	82	915742	40.295	ng	97
26) 2-Nitrophenol	7.628	139	217868	45.667	ng	98
27) 2,4-Dimethylphenol	7.669	122	303320	34.026	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	555484	41.659	ng	98
29) 2,4-Dichlorophenol	7.869	162	355578	43.462	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	383212	44.510	ng	99
31) Naphthalene	8.028	128	1266324	42.464	ng	100
32) Benzoic acid	7.804	122	169504	34.984	ng	99
33) 4-Chloroaniline	8.092	127	36091	3.086	ng	94
34) Hexachlorobutadiene	8.145	225	227168	44.693	ng	99
35) Caprolactam	8.451	113	95209m	34.320	ng	
36) 4-Chloro-3-methylphenol	8.575	107	371006	40.569	ng	99
37) 2-Methylnaphthalene	8.722	142	771694	40.592	ng	100
38) 1-Methylnaphthalene	8.822	142	715714	39.977	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	375159	46.713	ng	99
41) Hexachlorocyclopentadiene	8.869	237	280590	85.033	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	239542	45.802	ng	99

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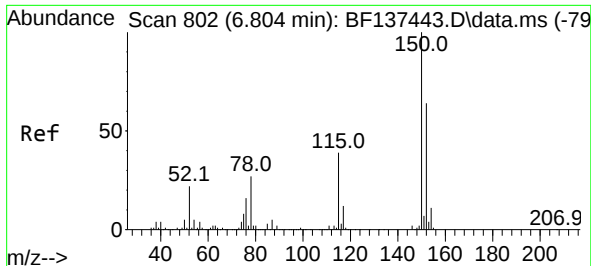
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	261529	43.410	ng	96
46) 1,1'-Biphenyl	9.186	154	946883	44.971	ng	98
47) 2-Chloronaphthalene	9.210	162	750014	46.721	ng	99
48) 2-Nitroaniline	9.310	65	228655	41.907	ng	98
49) Acenaphthylene	9.622	152	1167092	45.429	ng	99
50) Dimethylphthalate	9.492	163	886787	44.283	ng	100
51) 2,6-Dinitrotoluene	9.551	165	188482	44.999	ng	95
52) Acenaphthene	9.792	154	654243	42.657	ng	99
53) 3-Nitroaniline	9.728	138	18037m	4.071	ng	
54) 2,4-Dinitrophenol	9.833	184	144733	71.786	ng	93
55) Dibenzofuran	9.969	168	991642	42.451	ng	98
56) 4-Nitrophenol	9.892	139	193612	62.476	ng	99
57) 2,4-Dinitrotoluene	9.957	165	230933	44.876	ng	100
58) Fluorene	10.310	166	753720	42.013	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	205455	42.526	ng	96
60) Diethylphthalate	10.186	149	809635	42.813	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	375181	42.672	ng	95
62) 4-Nitroaniline	10.333	138	109679	28.803	ng	99
63) Azobenzene	10.463	77	860784	39.530	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	111879	46.301	ng	84
66) n-Nitrosodiphenylamine	10.422	169	635770	45.540	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	229233	48.545	ng	97
68) Hexachlorobenzene	10.851	284	240850	50.500	ng	96
69) Atrazine	10.951	200	157318	37.068	ng	100
70) Pentachlorophenol	11.051	266	237264	82.293	ng	97
71) Phenanthrene	11.269	178	1041851	44.157	ng	100
72) Anthracene	11.322	178	1047680	43.234	ng	98
73) Carbazole	11.480	167	873185	42.067	ng	99
74) Di-n-butylphthalate	11.810	149	1117245	45.240	ng	100
75) Fluoranthene	12.451	202	934137	40.504	ng	99
78) Pyrene	12.680	202	949350	33.071	ng	99
80) Butylbenzylphthalate	13.304	149	350194	47.768	ng	96
81) Benzo(a)anthracene	13.868	228	858455	41.866	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	42362	7.758	ng	94
83) Chrysene	13.904	228	880334	42.478	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	459840	49.349	ng	99
85) Di-n-octyl phthalate	14.474	149	857453	47.776	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	761008	35.793	ng	96
88) Benzo(b)fluoranthene	14.892	252	921125	48.197	ng	99
89) Benzo(k)fluoranthene	14.921	252	888311	43.273	ng	99
90) Benzo(a)pyrene	15.245	252	813242	43.180	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	631305	36.603	ng	97
92) Benzo(g,h,i)perylene	17.104	276	547097	30.887	ng	98

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



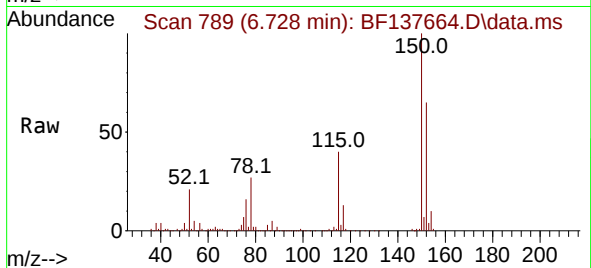
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

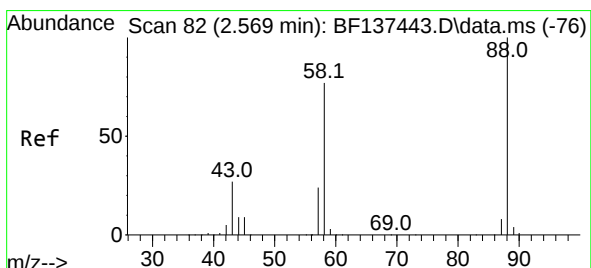
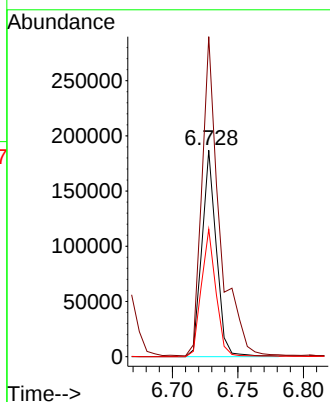
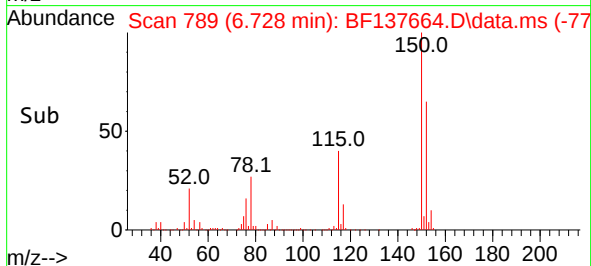


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Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 61.8 48.8 73.2

Manual Integrations

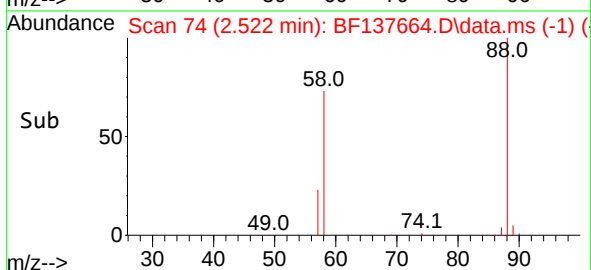
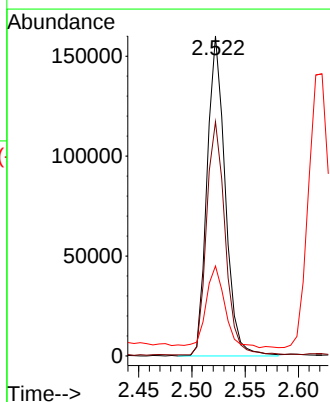
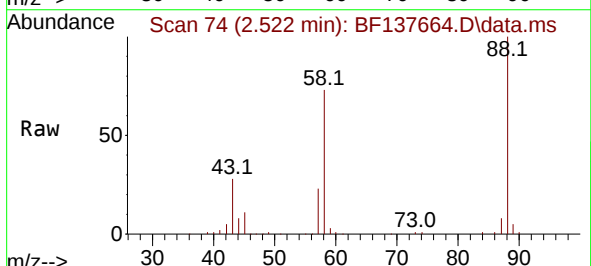
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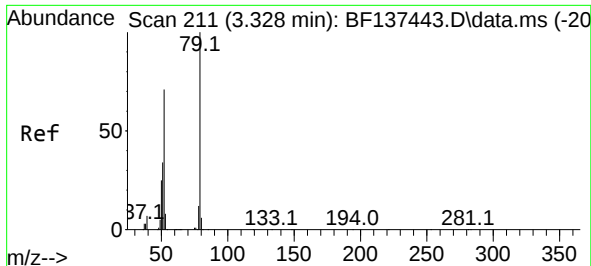
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#2
1,4-Dioxane
Concen: 36.422 ng
RT: 2.522 min Scan# 74
Delta R.T. 0.153 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

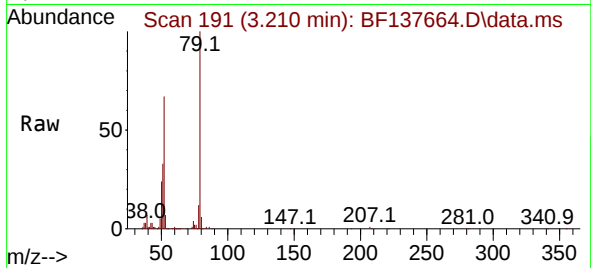
Tgt Ion: 88 Resp: 190052
Ion Ratio Lower Upper
88 100
58 74.6 61.8 92.8
43 0.0 22.2 33.4





#3
Pyridine
Concen: 23.188 ng
RT: 3.210 min Scan# 191
Delta R.T. 0.141 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

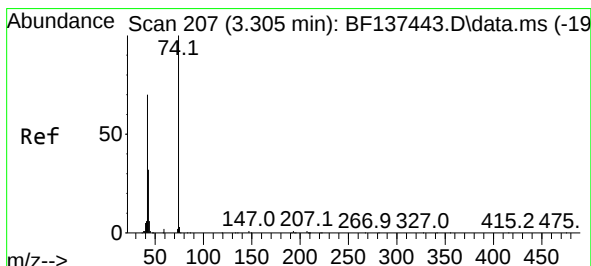
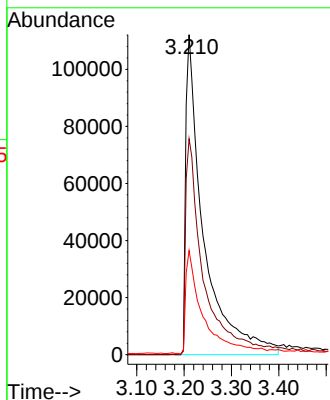
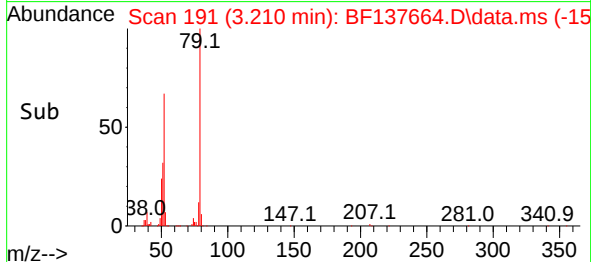
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



Tgt Ion: 79 Resp: 291808
Ion Ratio Lower Upper
79 100
52 67.5 57.0 85.4
51 32.5 27.5 41.3

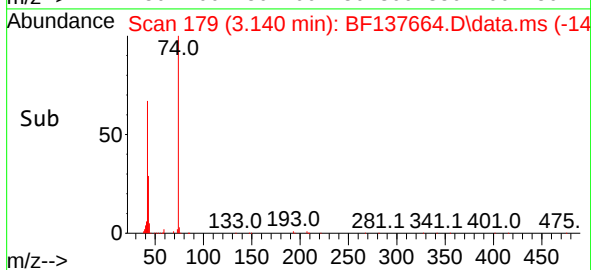
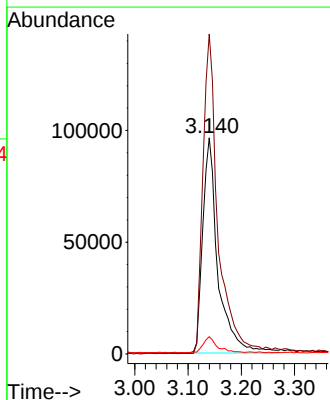
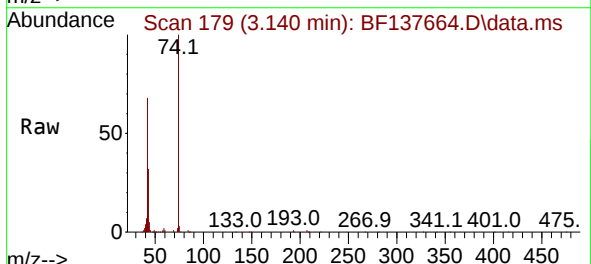
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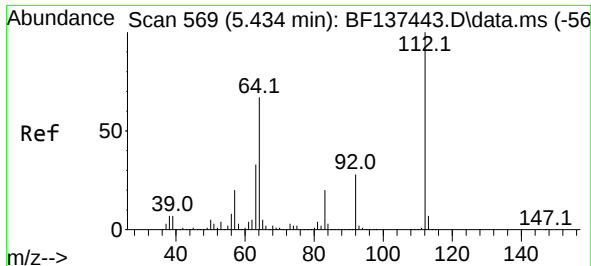
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#4
n-Nitrosodimethylamine
Concen: 38.307 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.100 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion: 42 Resp: 191023
Ion Ratio Lower Upper
42 100
74 148.1 114.0 171.0
44 8.0 7.0 10.4





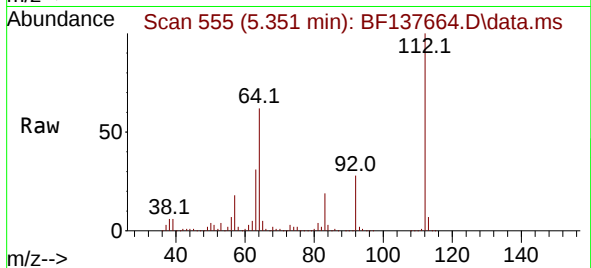
#5
2-Fluorophenol
Concen: 118.196 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

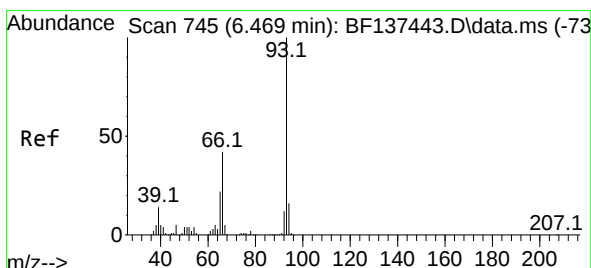
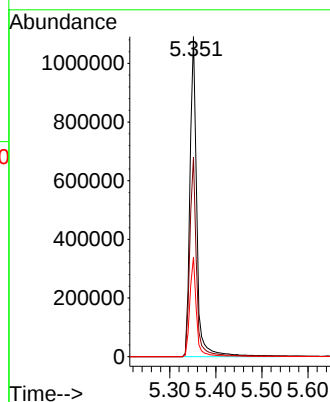
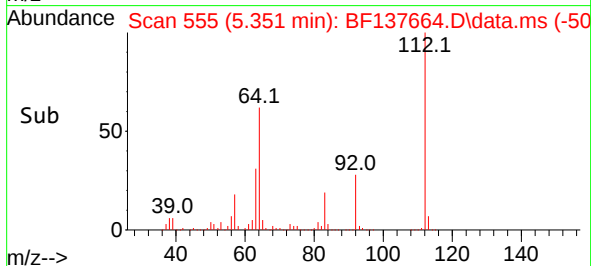


Tgt Ion:112 Resp: 1127960
Ion Ratio Lower Upper
112 100
64 62.4 53.4 80.2
63 31.2 26.2 39.2

Manual Integrations

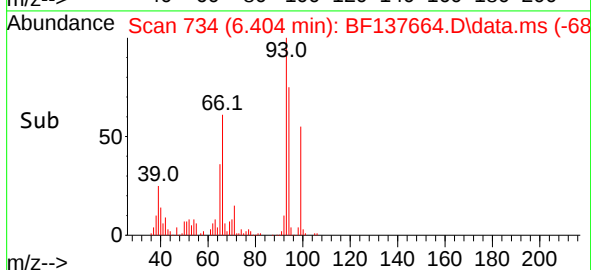
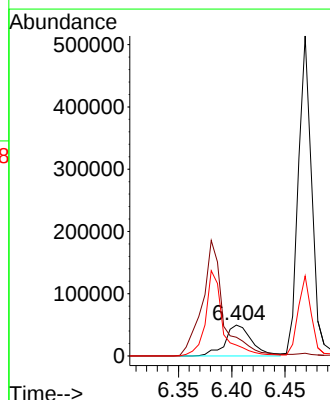
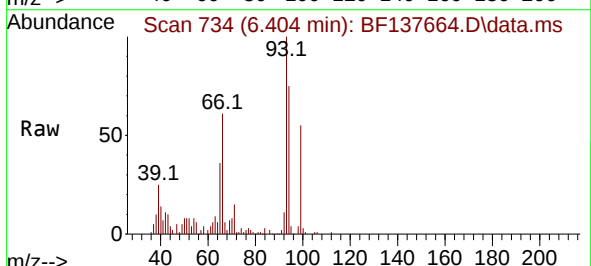
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Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#6
Aniline
Concen: 5.159 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.012 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion: 93 Resp: 86837
Ion Ratio Lower Upper
93 100
66 60.5 34.0 51.0#
65 35.5 17.8 26.8#





#7

Phenol-d6

Concen: 99.171 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF137664.D

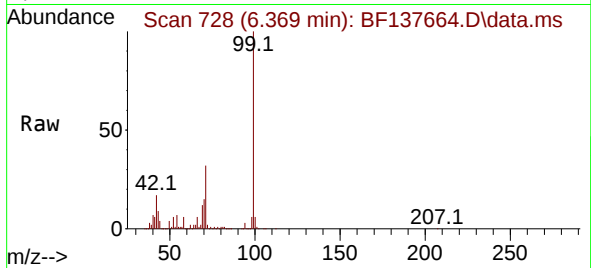
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS



Tgt Ion: 99 Resp: 136611

Ion Ratio Lower Upper

99 100

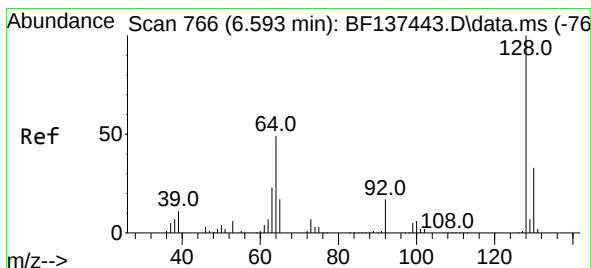
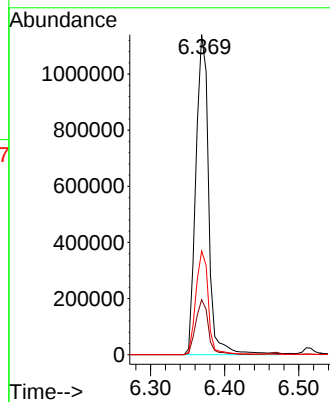
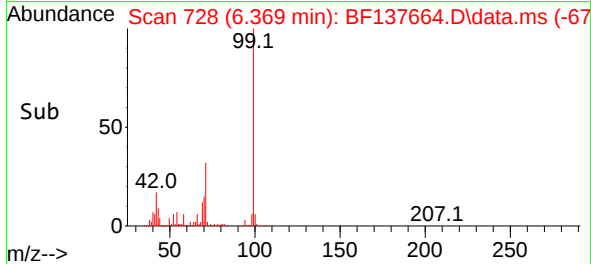
42 17.2 14.6 21.8

71 32.4 25.3 37.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.836 ng

RT: 6.516 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

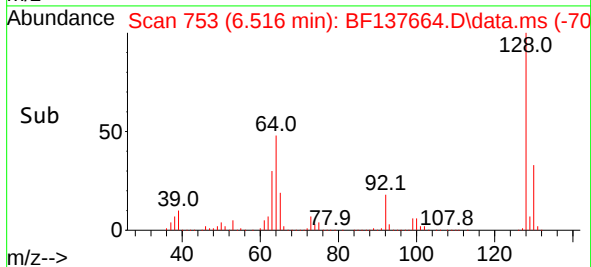
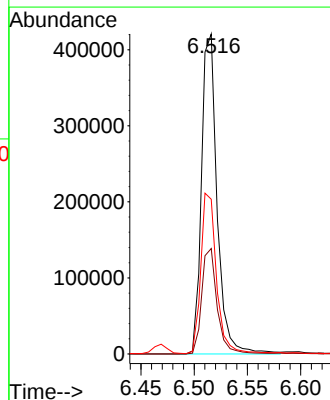
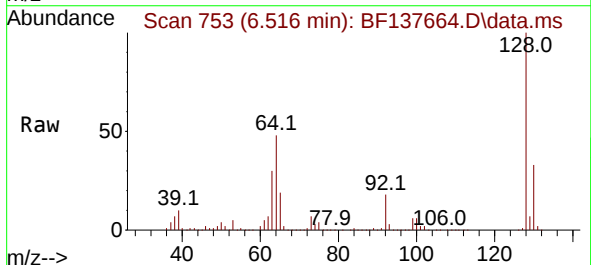
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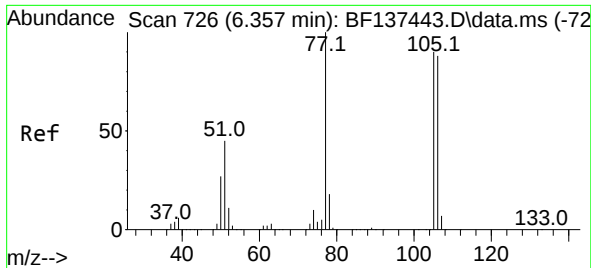
Ion Ratio Lower Upper

128 100

130 32.9 13.4 53.4

64 48.3 30.0 70.0





#9

Benzaldehyde

Concen: 5.741 ng

RT: 6.287 min Scan# 714

Delta R.T. 0.006 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

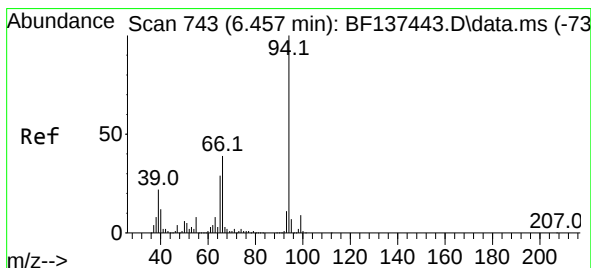
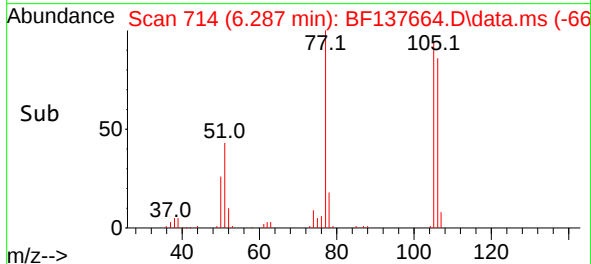
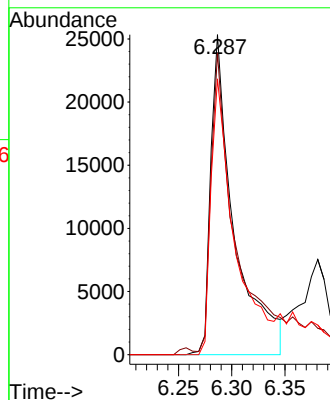
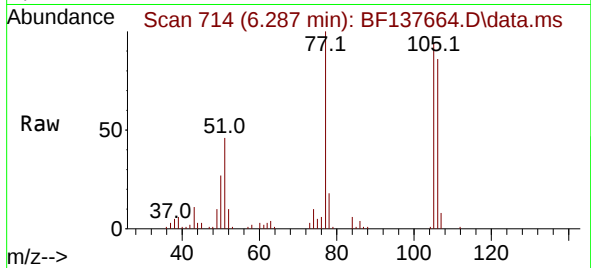
TRENCH-PITMS

Tgt Ion: 77	Resp: 3874
Ion Ratio	Lower Upper
77 100	
105 94.3	69.8 109.8
106 86.2	67.8 107.8

Manual Integrations

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#10

Phenol

Concen: 33.413 ng

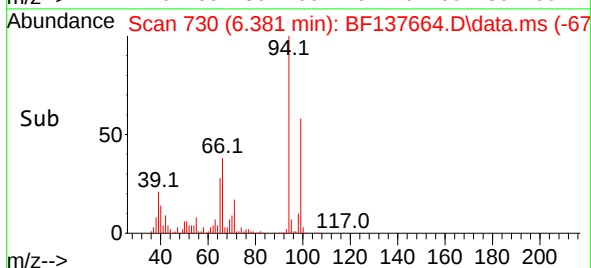
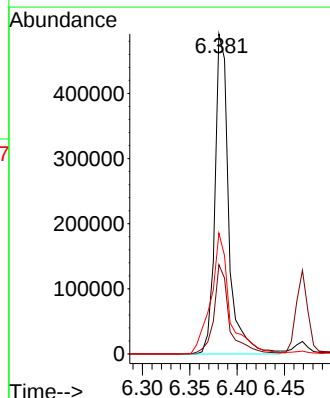
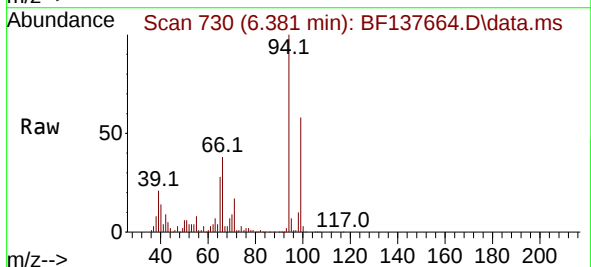
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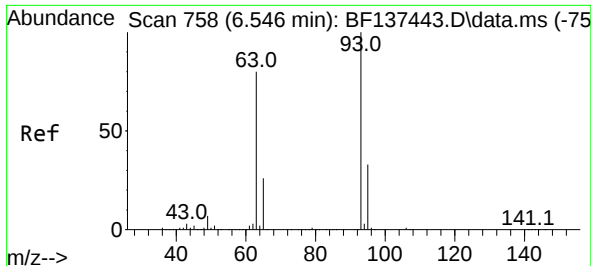
Delta R.T. -0.000 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

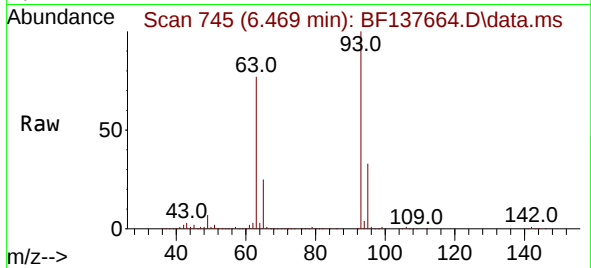
Tgt Ion: 94	Resp: 495414
Ion Ratio	Lower Upper
94 100	
65 27.9	8.7 48.7
66 37.8	18.6 58.6





#11
bis(2-Chloroethyl)ether
Concen: 41.257 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

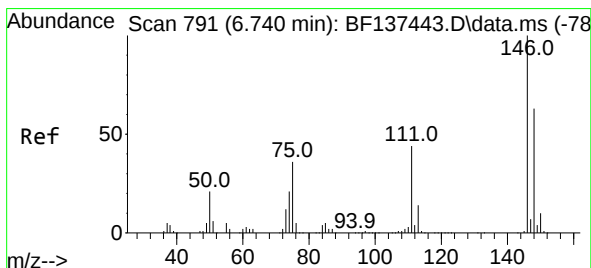
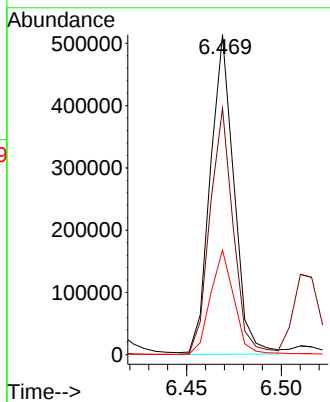
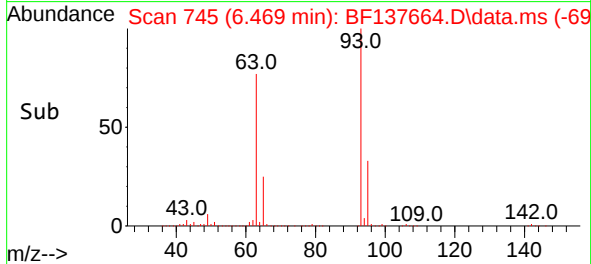
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



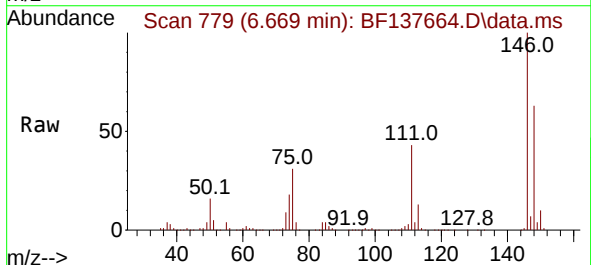
Tgt Ion: 93 Resp: 448259
Ion Ratio Lower Upper
93 100
63 77.0 58.9 98.9
95 32.7 12.2 52.2

Manual Integrations
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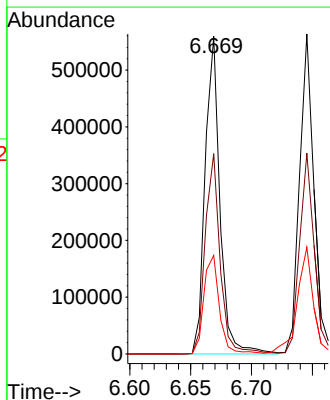
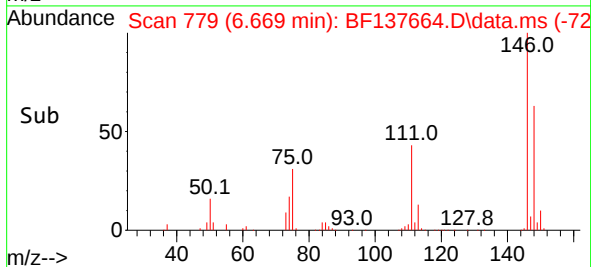
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

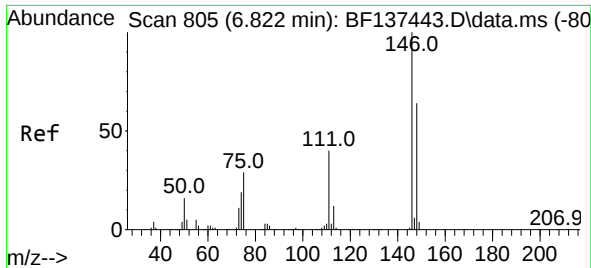


#12
1,3-Dichlorobenzene
Concen: 43.970 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57



Tgt Ion:146 Resp: 472934
Ion Ratio Lower Upper
146 100
148 63.1 50.3 75.5
75 31.0 29.0 43.4





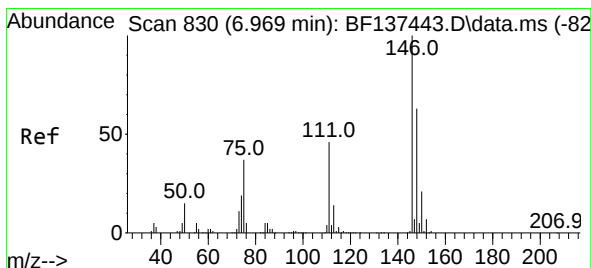
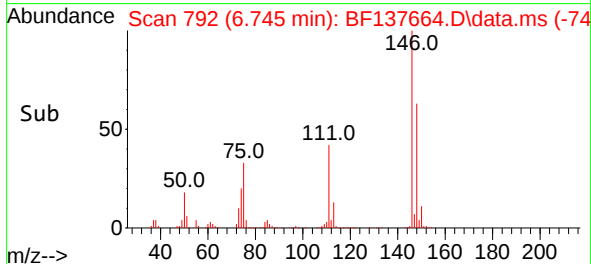
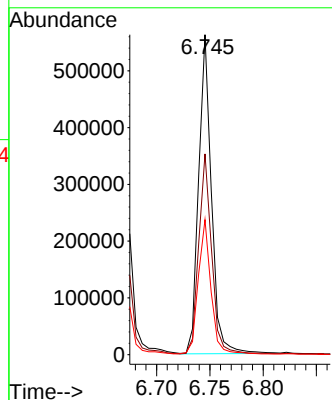
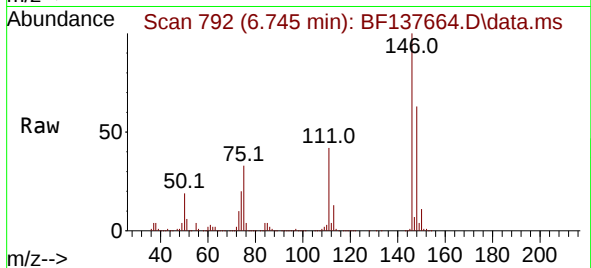
#13
1,4-Dichlorobenzene
Concen: 42.852 ng
RT: 6.745 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS

Tgt Ion:146 Resp: 471580
Ion Ratio Lower Upper
146 100
148 62.7 51.2 76.8
111 42.2 32.4 48.6

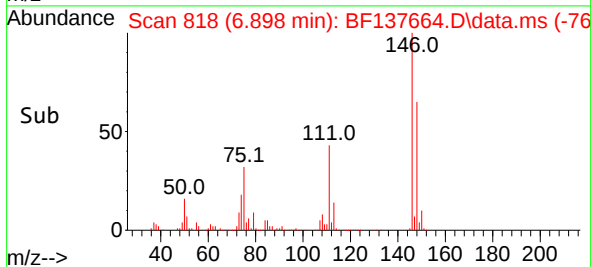
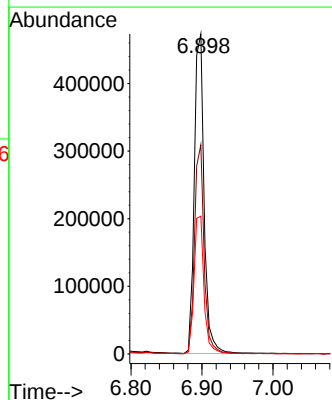
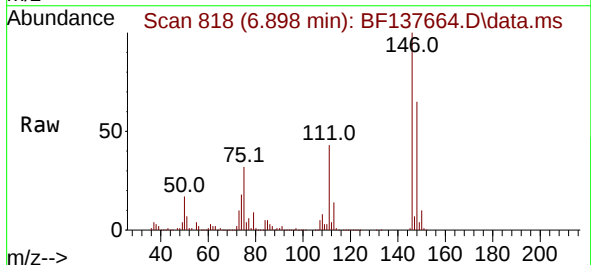
Manual Integrations
APPROVED

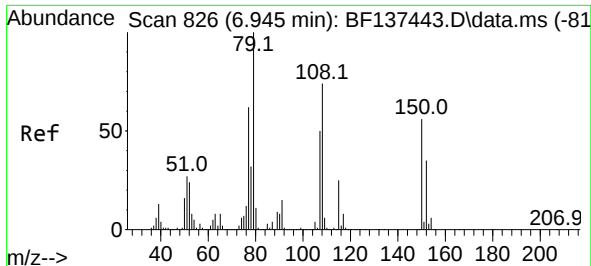
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#14
1,2-Dichlorobenzene
Concen: 45.026 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:146 Resp: 454807
Ion Ratio Lower Upper
146 100
148 65.3 50.0 75.0
111 43.0 36.8 55.2





#15
Benzyl Alcohol
Concen: 40.996 ng
RT: 6.875 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

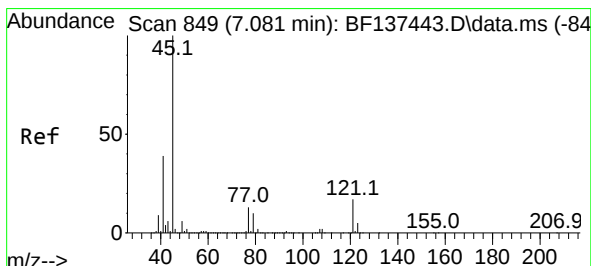
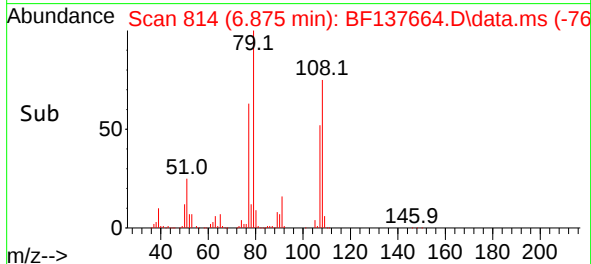
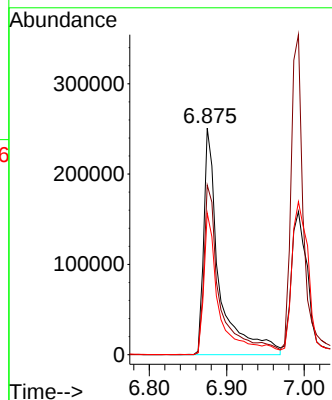
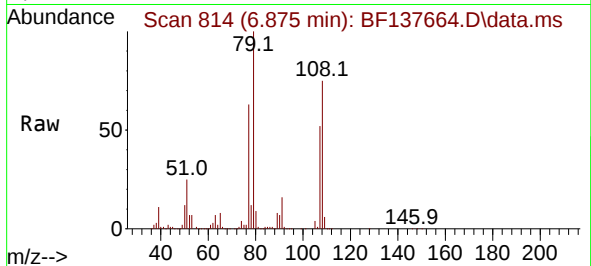
ClientSampleId :

TRENCH-PITMS

Tgt Ion: 79 Resp: 351580
Ion Ratio Lower Upper
79 100
108 74.9 59.5 89.3
77 62.5 50.0 75.0

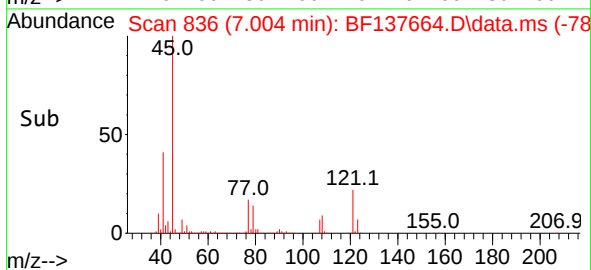
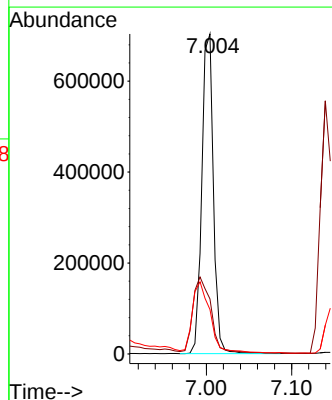
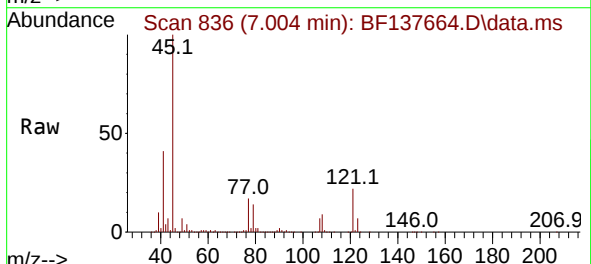
Manual Integrations
APPROVED

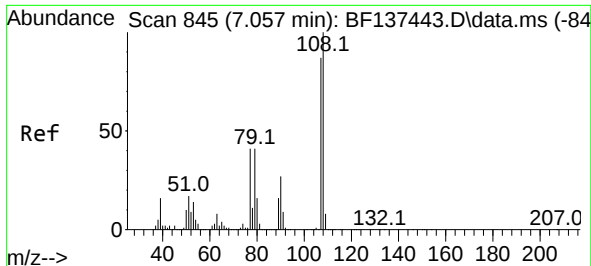
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.523 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

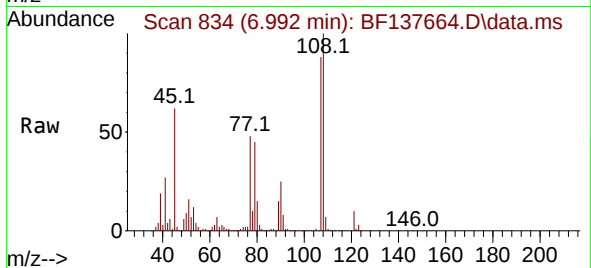
Tgt Ion: 45 Resp: 663426
Ion Ratio Lower Upper
45 100
77 17.2 0.0 33.4
79 13.9 0.0 30.9





#17
2-Methylphenol
Concen: 37.105 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

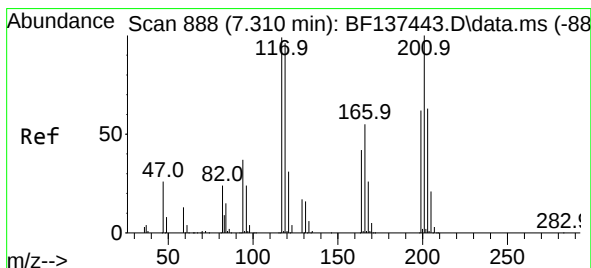
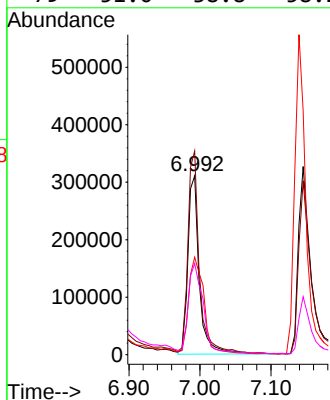
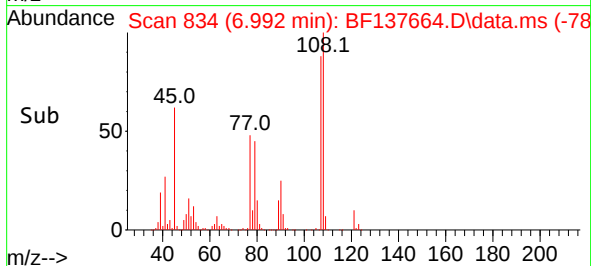
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



Tgt Ion:	107	Resp:	349484
Ion Ratio	Lower	Upper	
107	100		
108	113.8	92.2	138.4
77	54.4	38.6	57.8
79	51.0	38.8	58.2

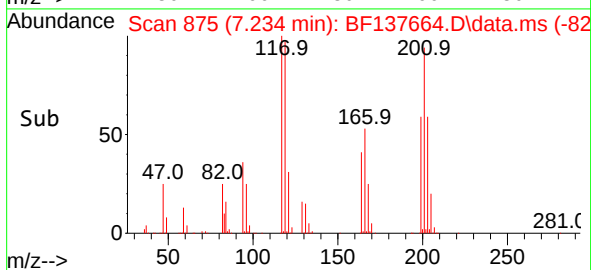
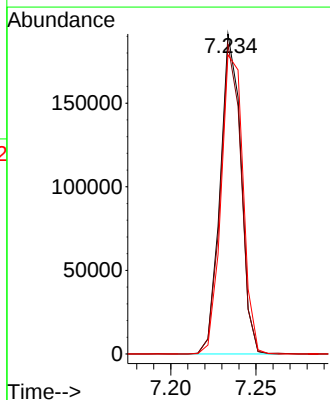
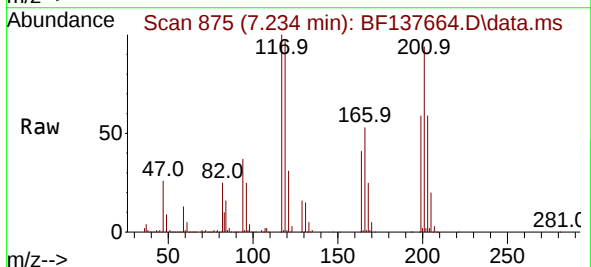
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#18
Hexachloroethane
Concen: 44.732 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

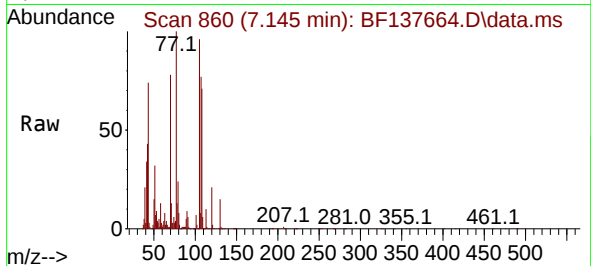
Tgt Ion:	117	Resp:	162090
Ion Ratio	Lower	Upper	
117	100		
119	96.8	77.5	116.3
201	93.5	80.6	121.0





#19
n-Nitroso-di-n-propylamine
Concen: 38.324 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

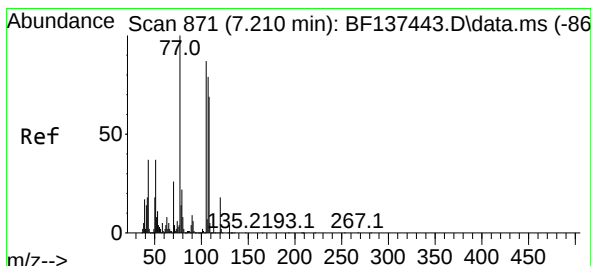
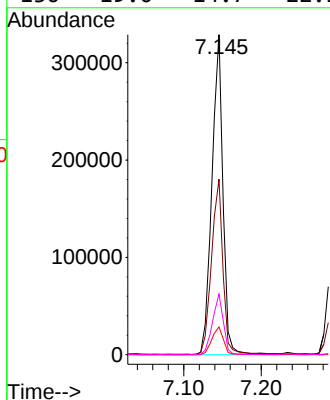
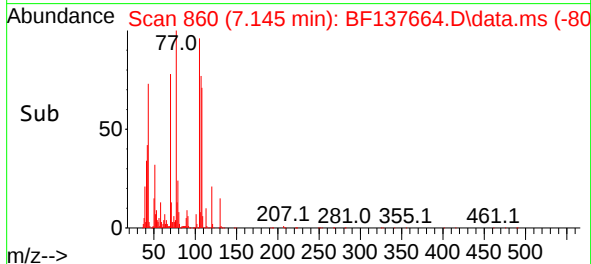
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



Tgt Ion: 70 Resp: 326004
Ion Ratio Lower Upper
70 100
42 54.8 45.2 67.8
101 8.6 7.3 10.9
130 19.0 14.7 22.1

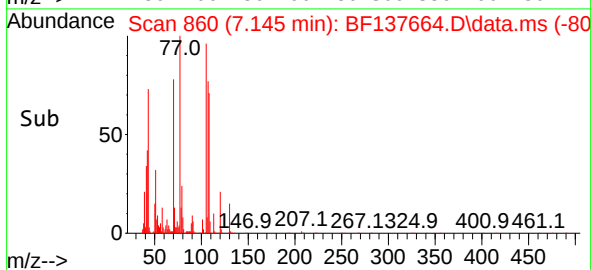
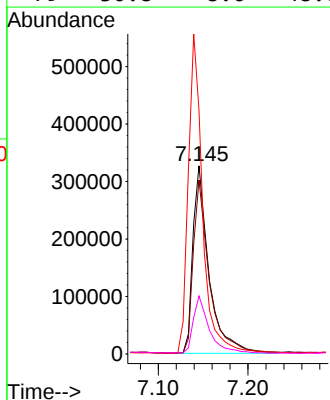
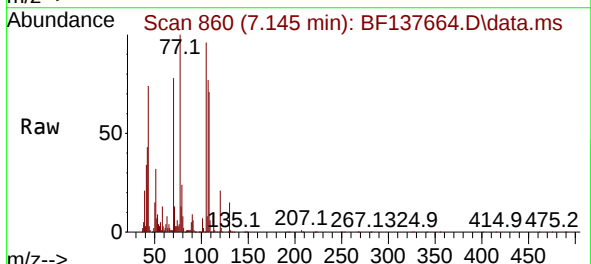
Manual Integrations
APPROVED

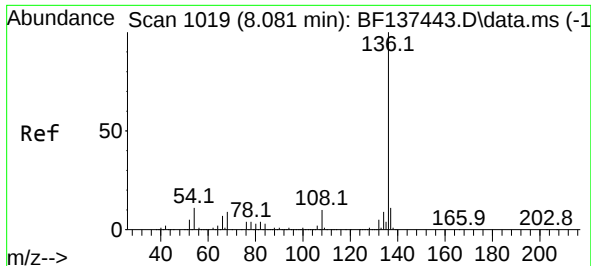
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#20
3+4-Methylphenols
Concen: 37.961 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:107 Resp: 409485
Ion Ratio Lower Upper
107 100
108 92.4 67.6 107.6
77 129.5 107.1 147.1
79 30.8 8.6 48.6





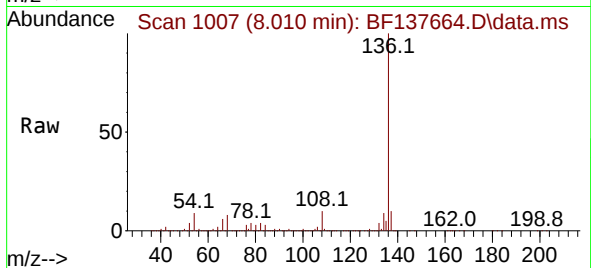
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

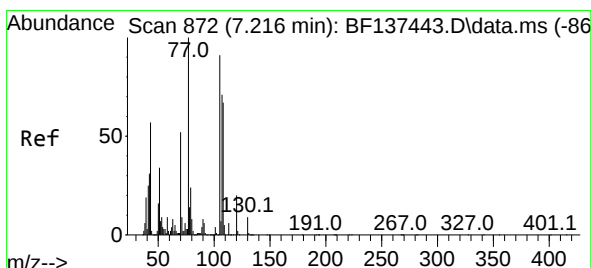
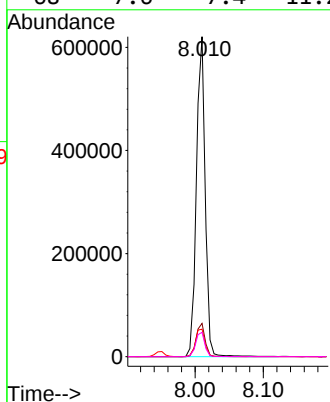
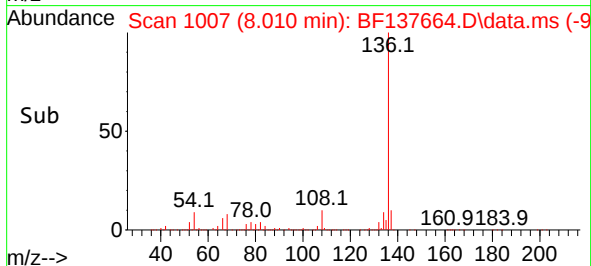


Tgt Ion:136 Resp: 555818
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 8.6 8.5 12.7
68 7.6 7.4 11.2

Manual Integrations

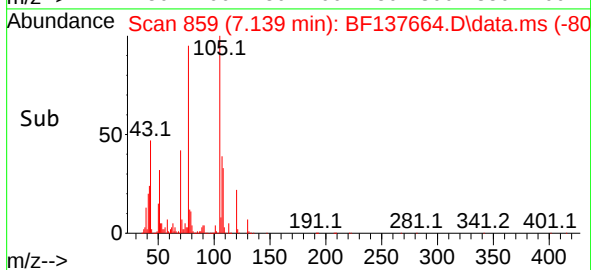
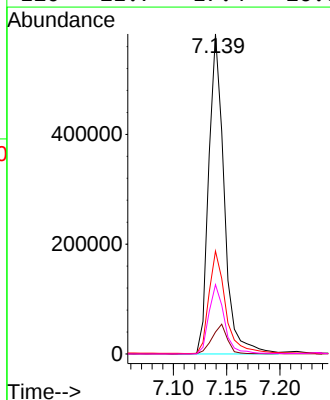
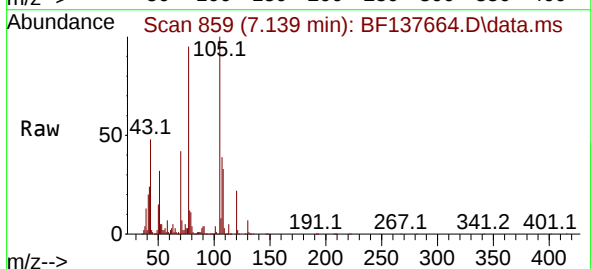
APPROVED

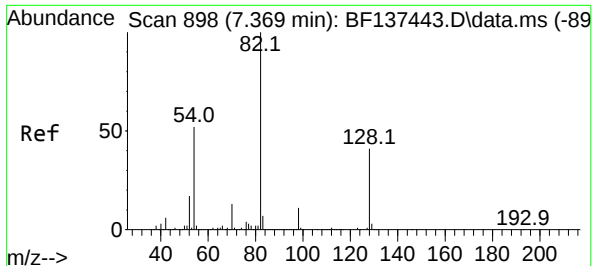
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#22
Acetophenone
Concen: 43.933 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:105 Resp: 590818
Ion Ratio Lower Upper
105 100
71 6.8 7.7 11.5#
51 32.2 30.4 45.6
120 21.7 17.4 26.0





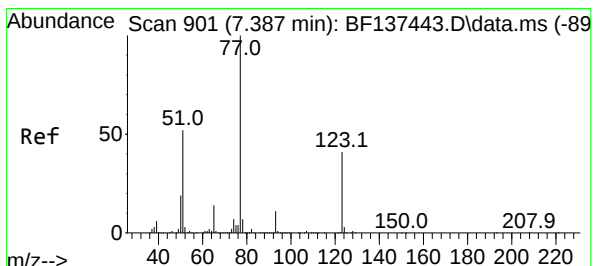
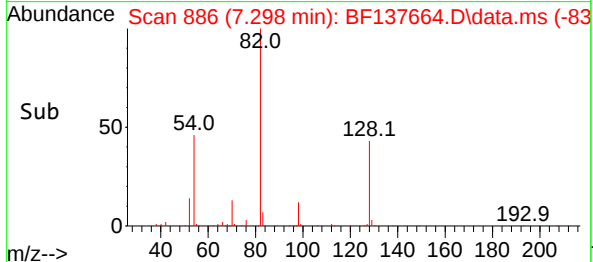
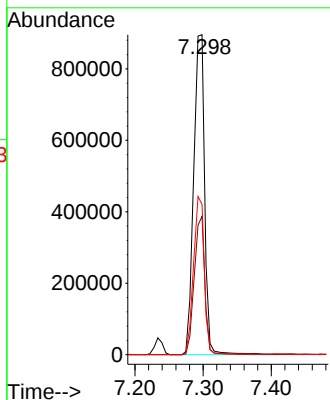
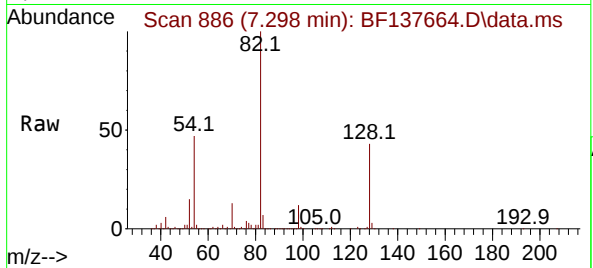
#23
Nitrobenzene-d5
Concen: 83.352 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS

Tgt Ion: 82 Resp: 99707
Ion Ratio Lower Upper
82 100
128 43.2 32.5 48.7
54 47.0 41.5 62.3

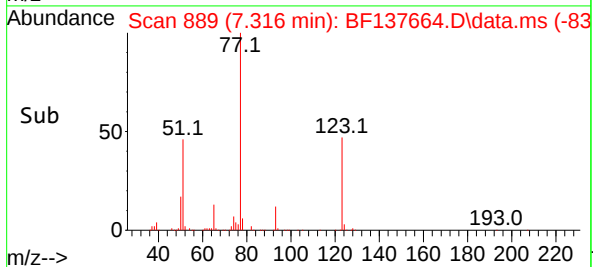
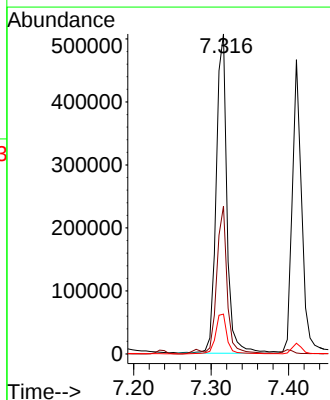
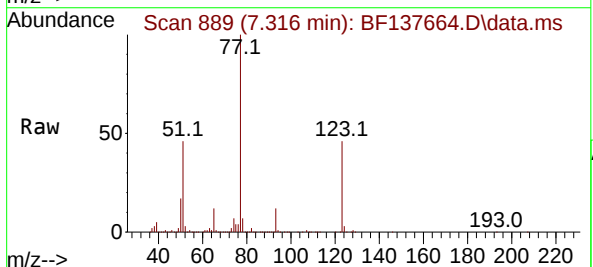
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#24
Nitrobenzene
Concen: 40.853 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

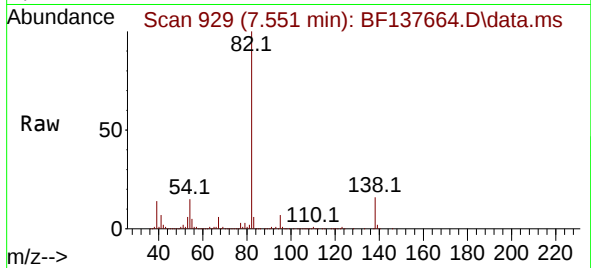
Tgt Ion: 77 Resp: 490915
Ion Ratio Lower Upper
77 100
123 46.2 33.0 49.6
65 12.4 10.9 16.3





#25
Isophorone
Concen: 40.295 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

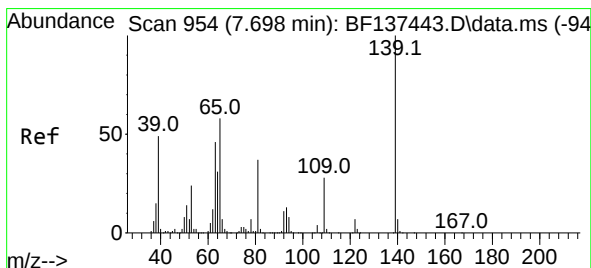
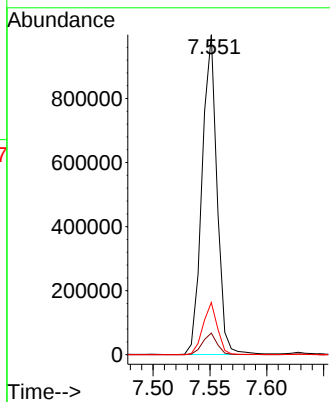
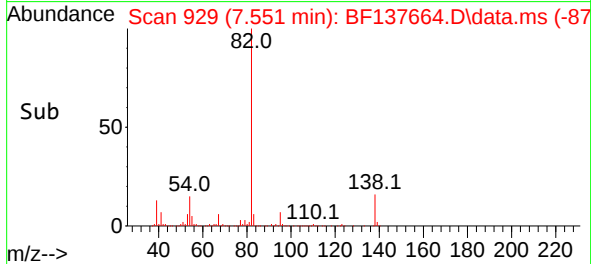
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



Tgt Ion: 82 Resp: 91574
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 16.3 11.8 17.8

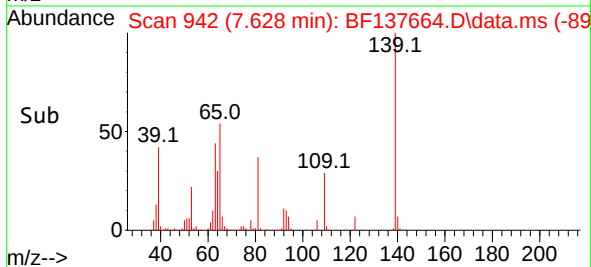
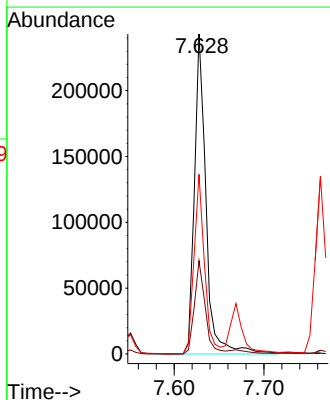
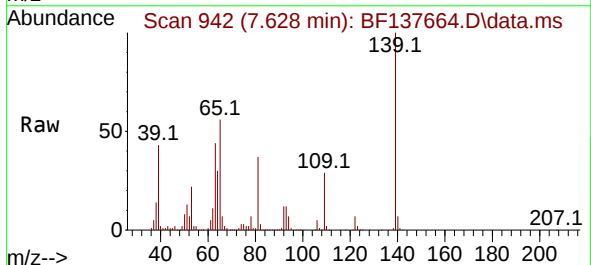
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#26
2-Nitrophenol
Concen: 45.667 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

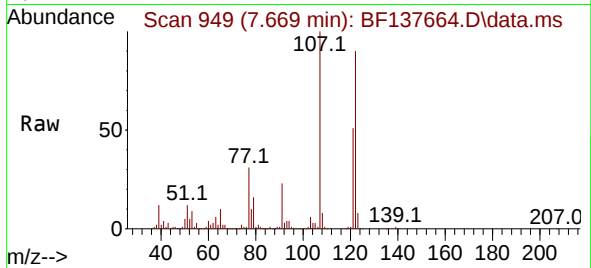
Tgt Ion:139 Resp: 217868
Ion Ratio Lower Upper
139 100
109 29.1 22.2 33.4
65 56.1 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 34.026 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

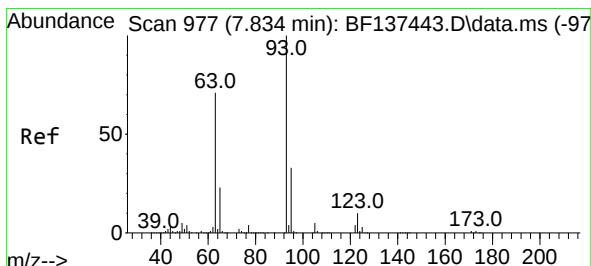
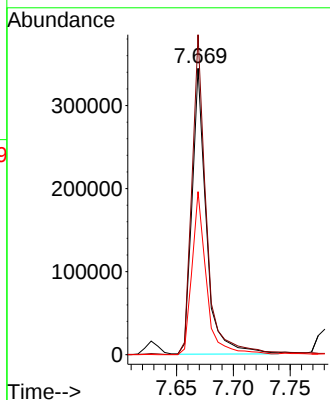
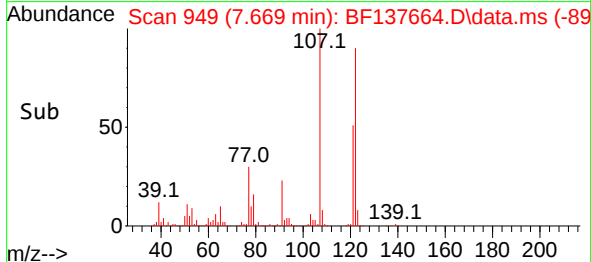
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



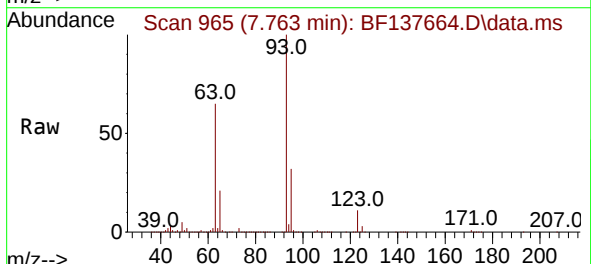
Tgt Ion:122 Resp: 303320
Ion Ratio Lower Upper
122 100
107 111.7 90.9 136.3
121 56.9 47.0 70.6

Manual Integrations
APPROVED

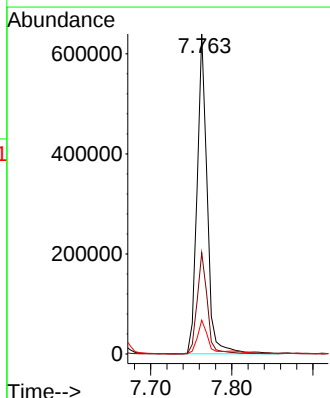
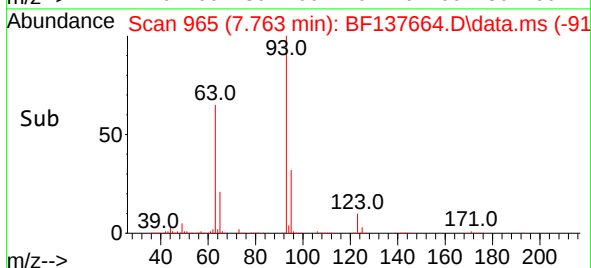
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

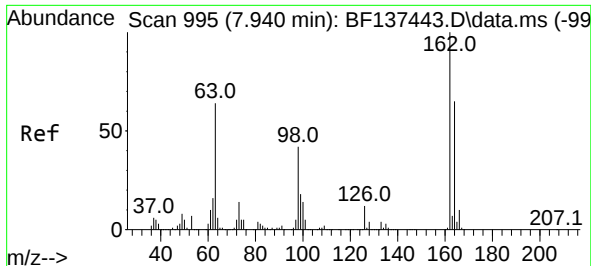


#28
bis(2-Chloroethoxy)methane
Concen: 41.659 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57



Tgt Ion: 93 Resp: 555484
Ion Ratio Lower Upper
93 100
95 31.7 26.5 39.7
123 10.6 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 43.462 ng
RT: 7.869 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

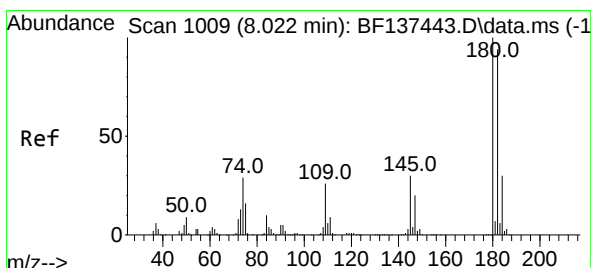
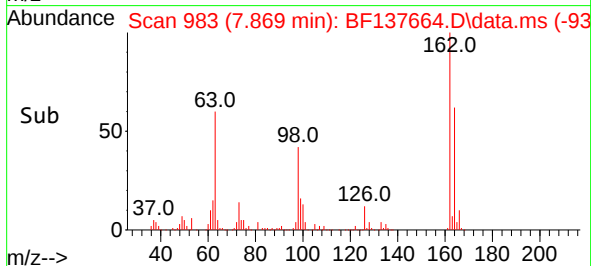
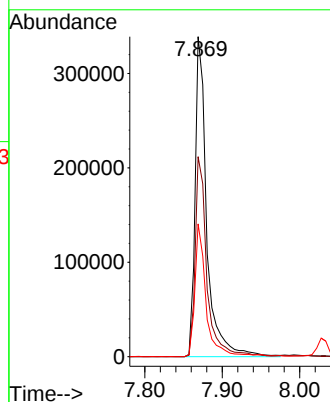
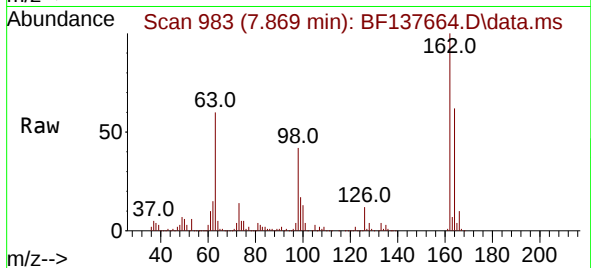
TRENCH-PITMS

Tgt Ion:162 Resp: 355578
Ion Ratio Lower Upper
162 100
164 62.5 44.7 84.7
98 41.5 22.0 62.0

Manual Integrations

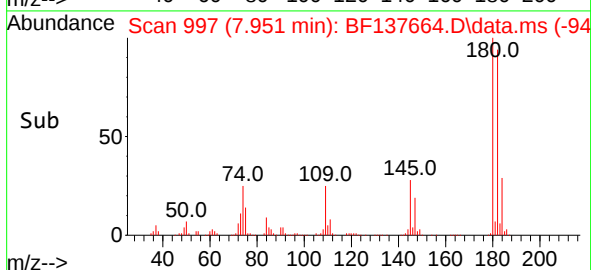
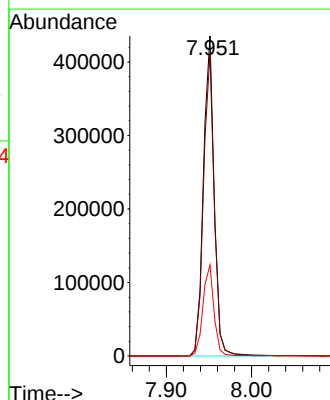
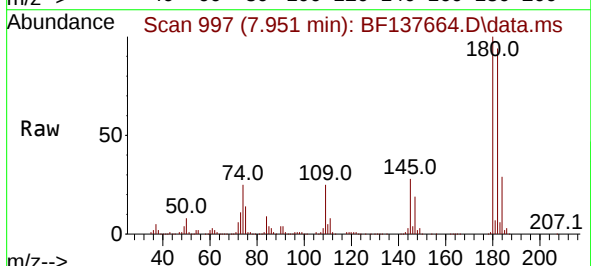
APPROVED

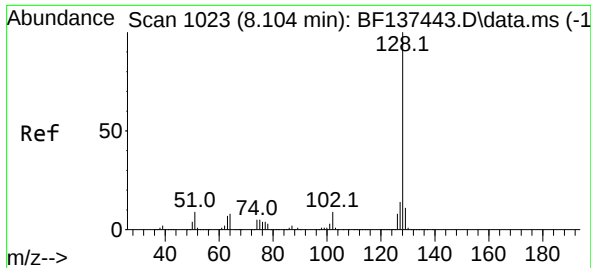
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.510 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

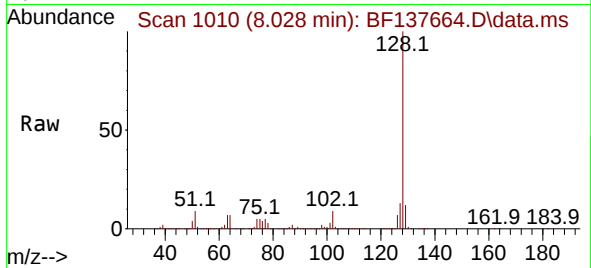
Tgt Ion:180 Resp: 383212
Ion Ratio Lower Upper
180 100
182 94.4 75.0 112.6
145 28.5 23.7 35.5





#31
Naphthalene
Concen: 42.464 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

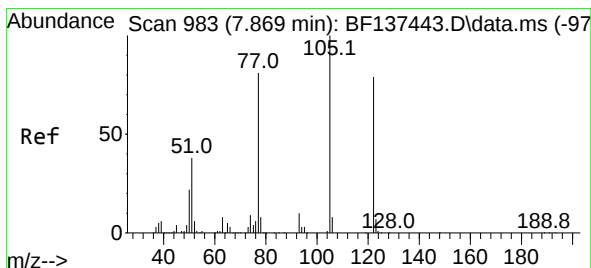
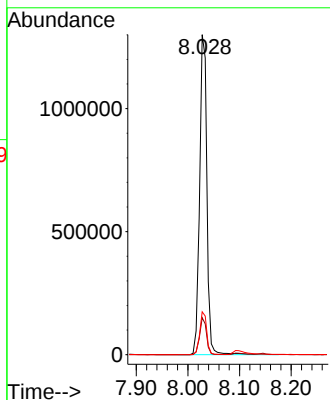
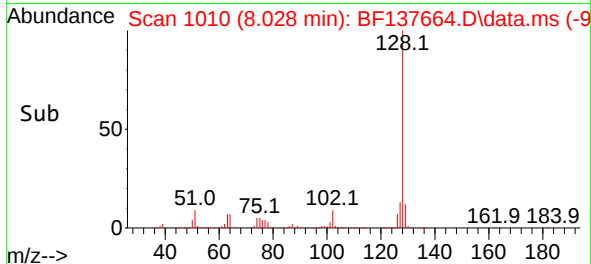
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



Tgt Ion:128 Resp: 1266324
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.8 16.2

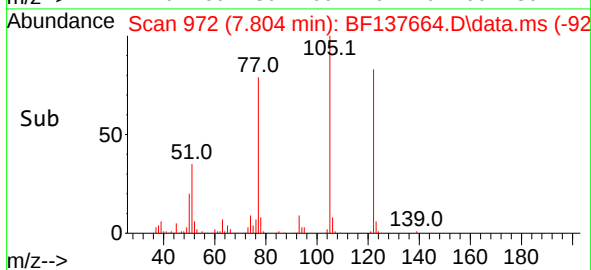
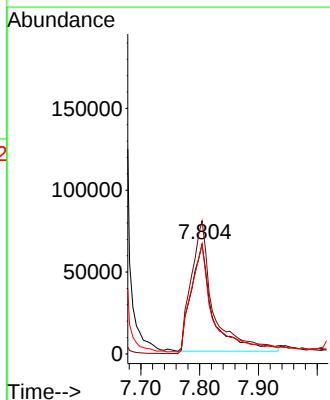
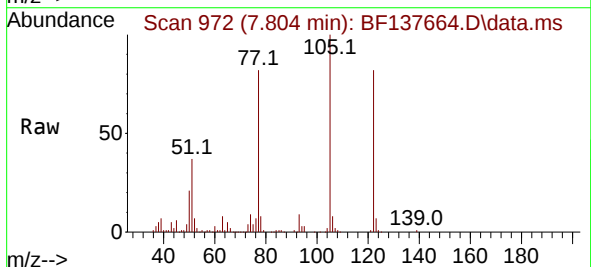
Manual Integrations
APPROVED

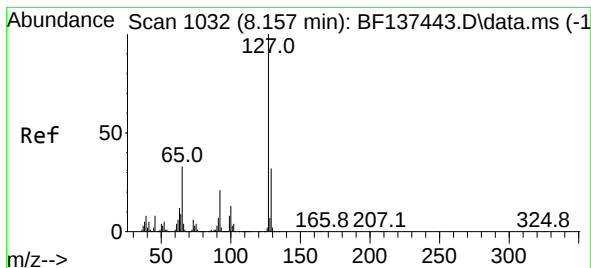
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#32
Benzoic acid
Concen: 34.984 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:122 Resp: 169504
Ion Ratio Lower Upper
122 100
105 121.3 102.4 142.4
77 99.9 81.1 121.1





#33

4-Chloroaniline

Concen: 3.086 ng

RT: 8.092 min Scan# 10

Delta R.T. 0.006 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

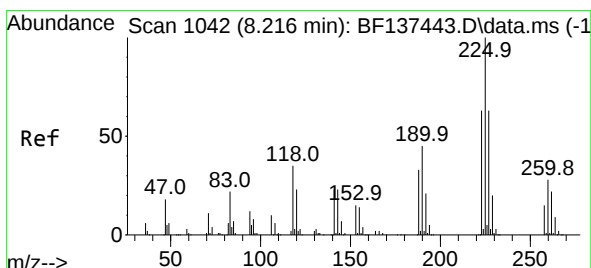
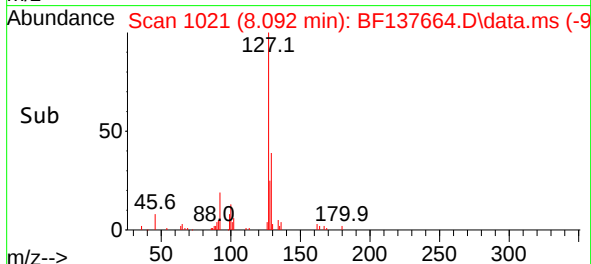
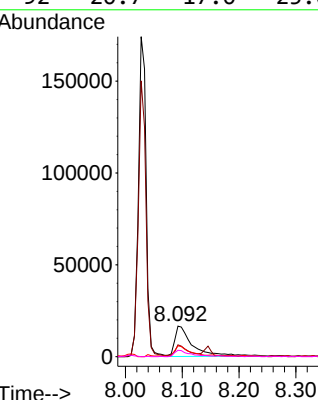
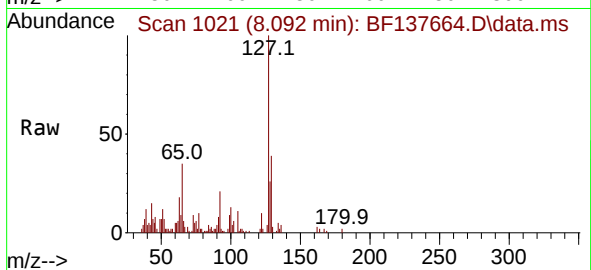
Tgt Ion:127 Resp: 3609

Ion	Ratio	Lower	Upper
127	100		
129	38.5	26.0	39.0
65	35.5	26.8	40.2
92	20.7	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#34

Hexachlorobutadiene

Concen: 44.693 ng

RT: 8.145 min Scan# 1030

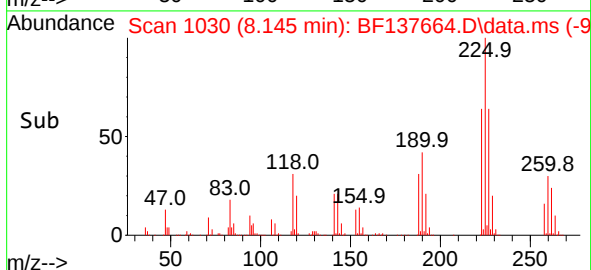
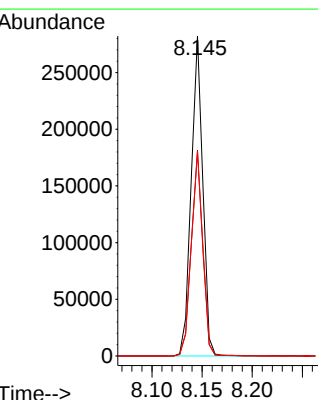
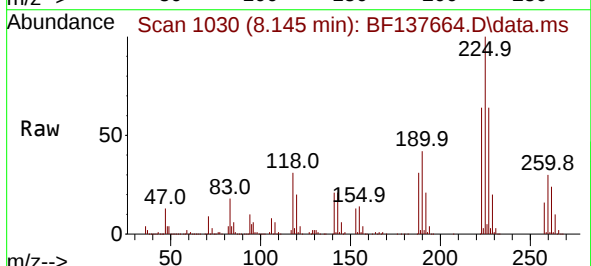
Delta R.T. -0.000 min

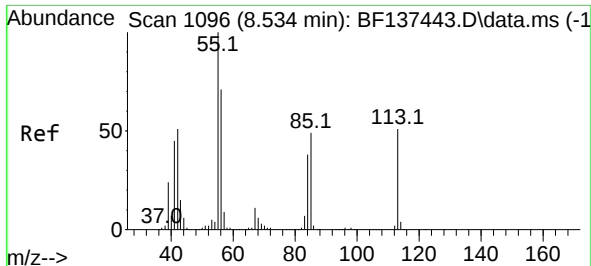
Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

Tgt Ion:225 Resp: 227168

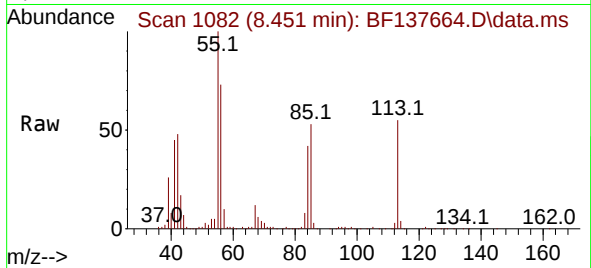
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.7	76.1
227	64.0	50.6	75.8





#35
 Caprolactam
 Concen: 34.320 ng m
 RT: 8.451 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF137664.D
 Acq: 21 Mar 2024 16:57

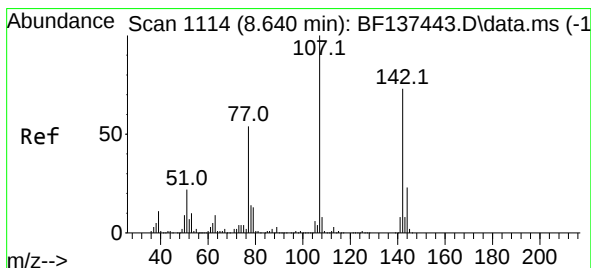
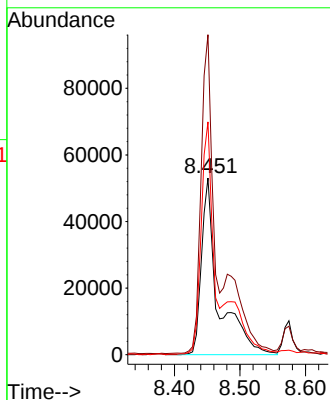
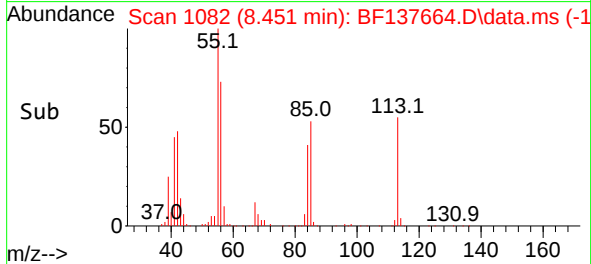
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-PITMS



Tgt Ion:113 Resp: 95209
 Ion Ratio Lower Upper
 113 100
 55 181.1 176.7 216.7
 56 131.8 120.6 160.6

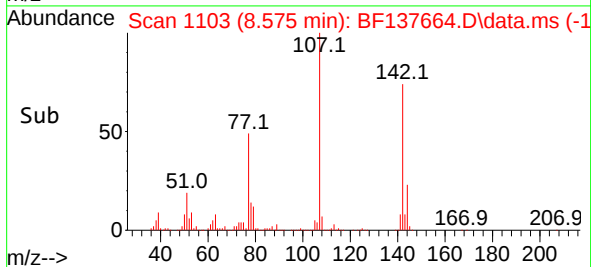
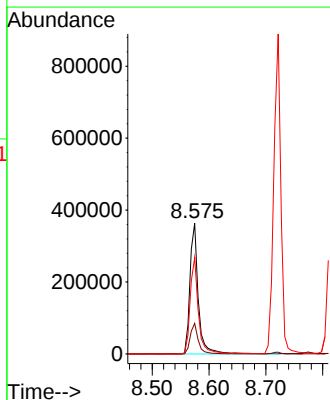
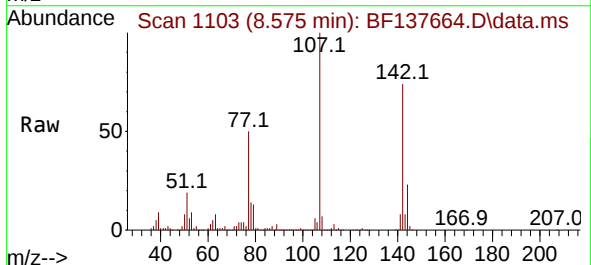
Manual Integrations
 APPROVED

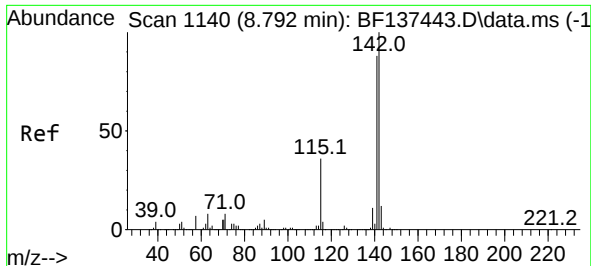
Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024



#36
 4-Chloro-3-methylphenol
 Concen: 40.569 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137664.D
 Acq: 21 Mar 2024 16:57

Tgt Ion:107 Resp: 371006
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.7 28.1
 142 73.8 58.2 87.2





#37

2-Methylnaphthalene

Concen: 40.592 ng

RT: 8.722 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

Tgt Ion:142 Resp: 771694

Ion Ratio Lower Upper

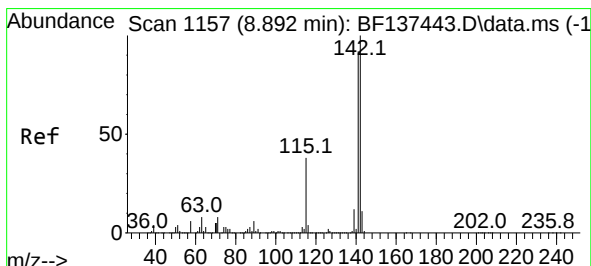
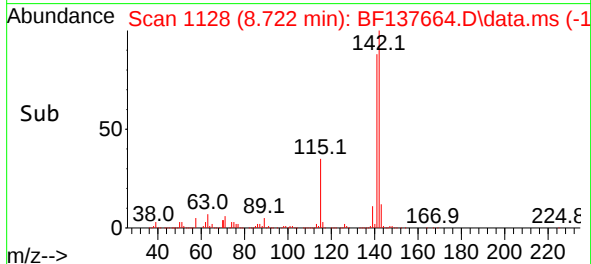
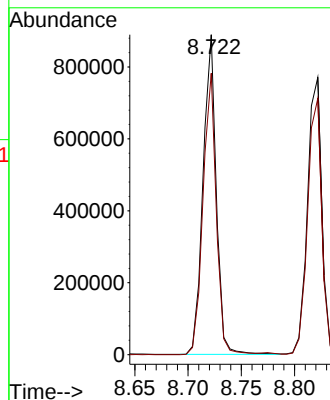
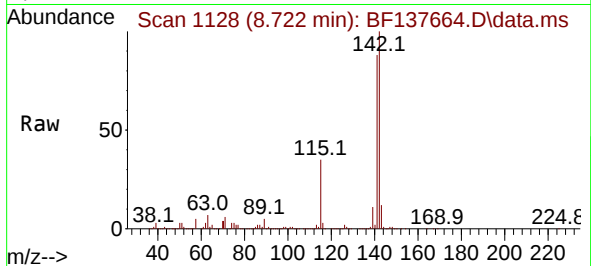
142 100

141 87.9 70.4 105.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#38

1-Methylnaphthalene

Concen: 39.977 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF137664.D

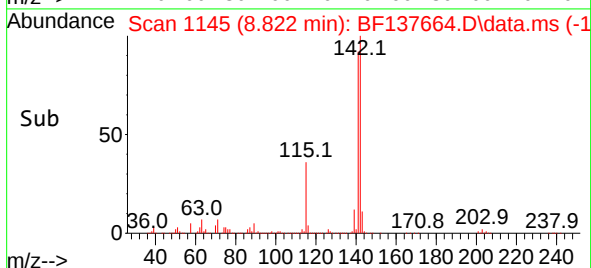
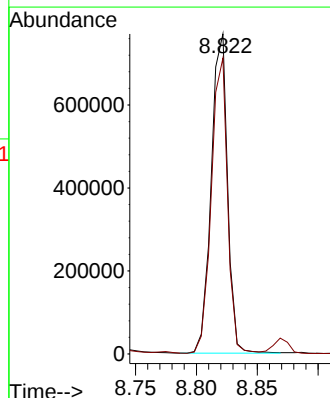
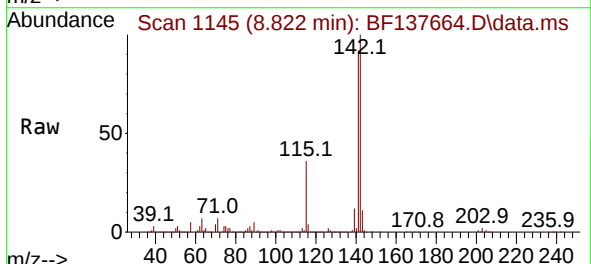
Acq: 21 Mar 2024 16:57

Tgt Ion:142 Resp: 715714

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.2





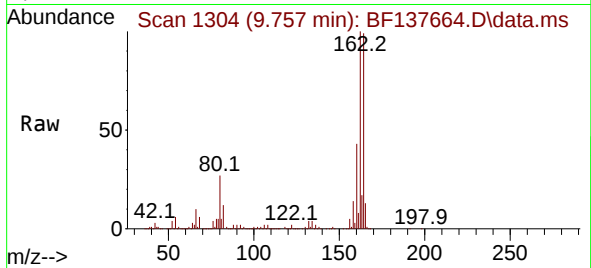
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

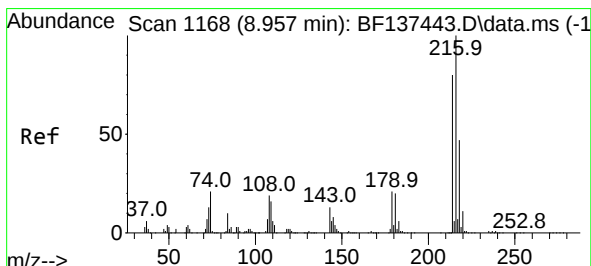
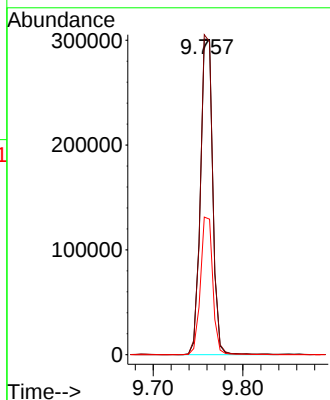
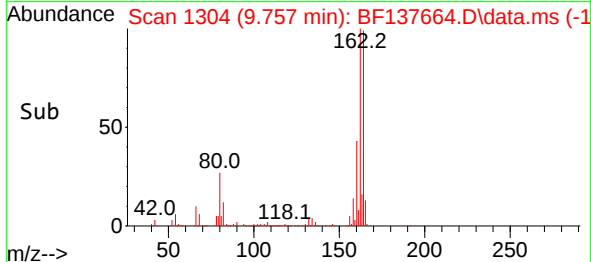


Tgt Ion:164 Resp: 28767
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.8
160 43.6 34.4 51.6

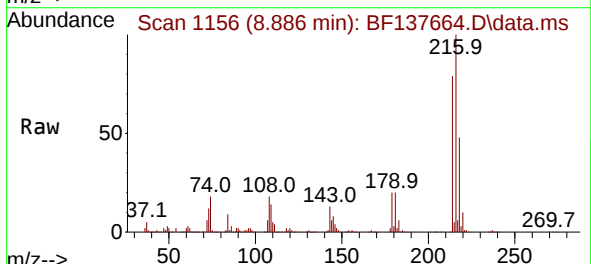
Manual Integrations

APPROVED

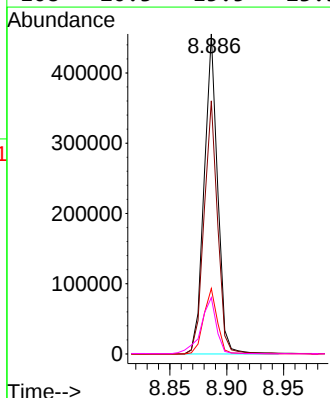
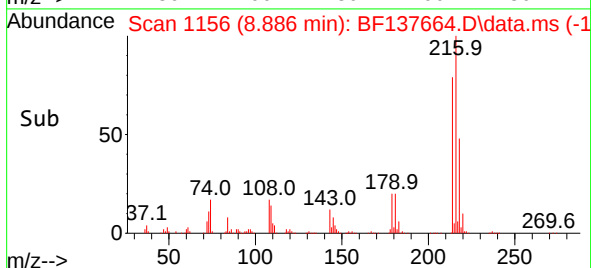
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.713 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57



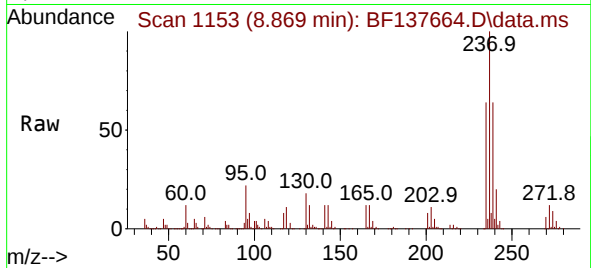
Tgt Ion:216 Resp: 375159
Ion Ratio Lower Upper
216 100
214 80.0 63.5 95.3
179 20.9 16.6 25.0
108 20.3 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 85.033 ng
RT: 8.869 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

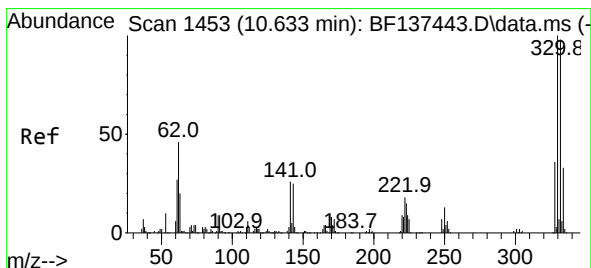
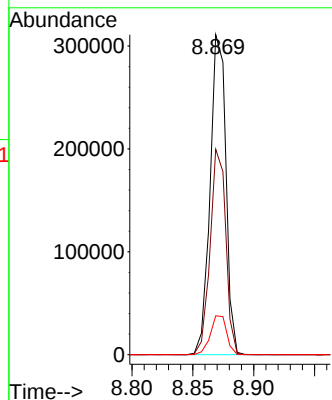
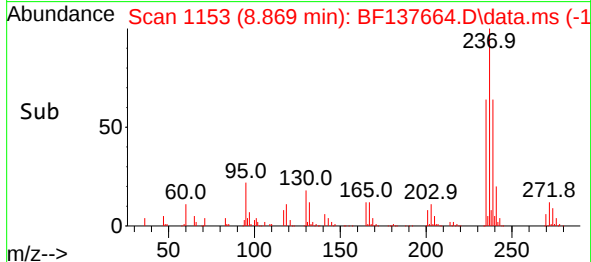
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



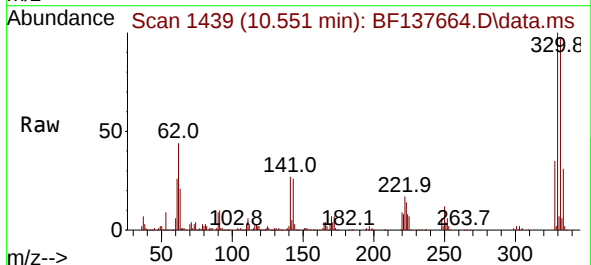
Tgt Ion: 237 Resp: 280590
Ion Ratio Lower Upper
237 100
235 64.2 43.6 83.6
272 12.2 0.0 31.9

Manual Integrations
APPROVED

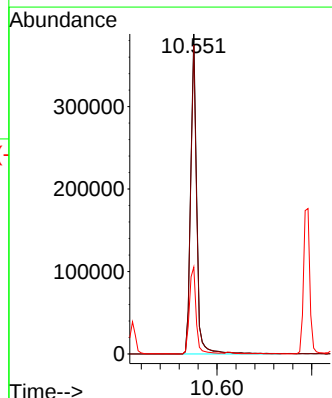
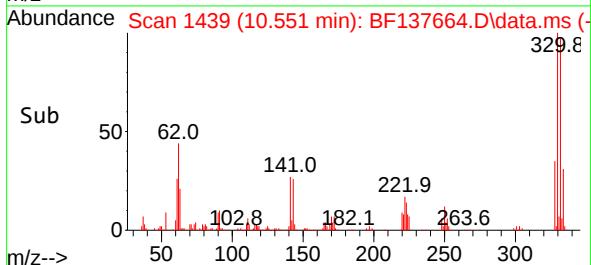
Reviewed By : Jagrut Upadhyay 03/22/2024
Supervised By : mohammad ahmed 03/26/2024

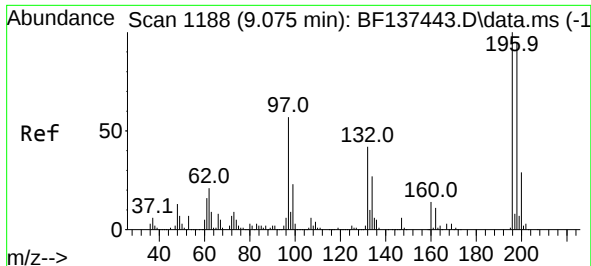


#42
2,4,6-Tribromophenol
Concen: 135.523 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57



Tgt Ion: 330 Resp: 342372
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 30.4 27.3 40.9





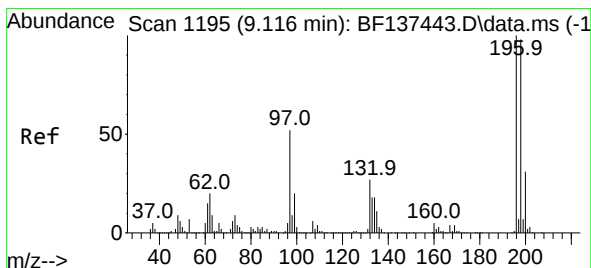
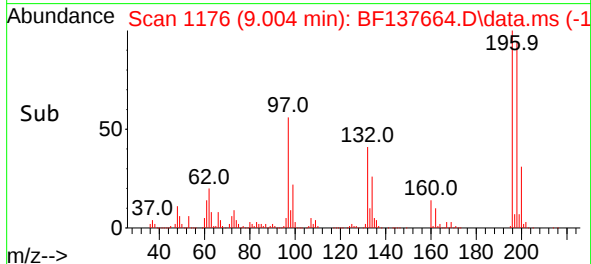
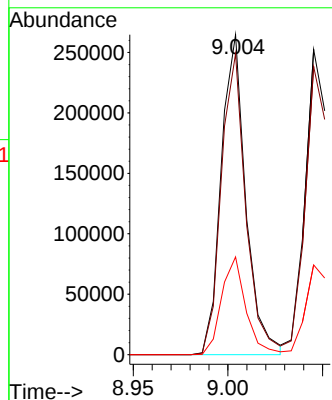
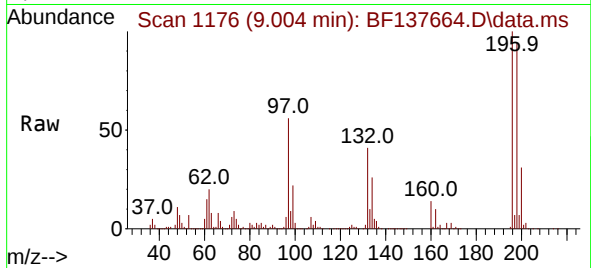
#43
2,4,6-Trichlorophenol
Concen: 45.802 ng
RT: 9.004 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS

Tgt Ion:196 Resp: 23954
Ion Ratio Lower Upper
196 100
198 94.1 75.8 113.8
200 30.5 23.5 35.3

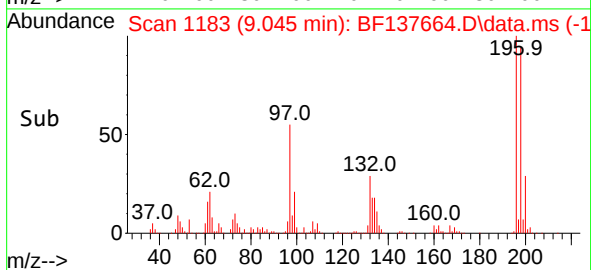
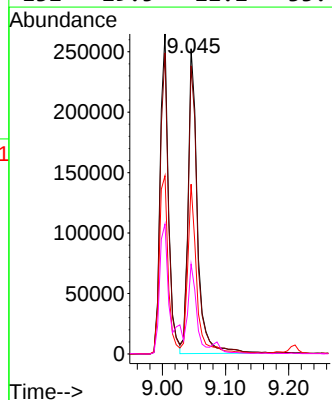
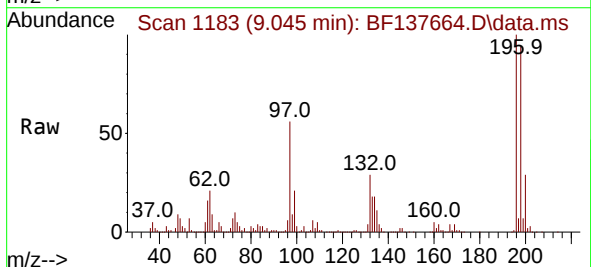
Manual Integrations
APPROVED

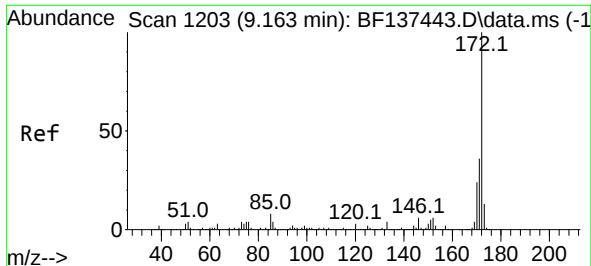
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#44
2,4,5-Trichlorophenol
Concen: 43.410 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:196 Resp: 261529
Ion Ratio Lower Upper
196 100
198 94.4 78.6 117.8
97 55.6 41.8 62.8
132 29.5 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 87.814 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

Tgt Ion:172 Resp: 1613819

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

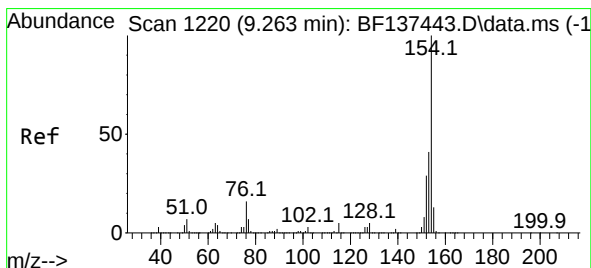
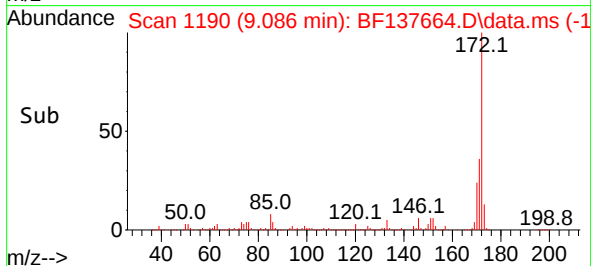
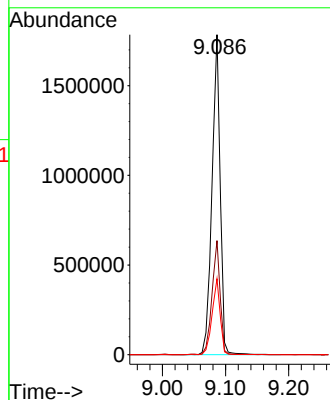
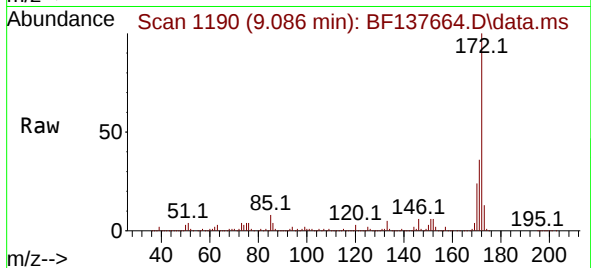
170 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024

Supervised By :mohammad ahmed 03/26/2024



#46

1,1'-Biphenyl

Concen: 44.971 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

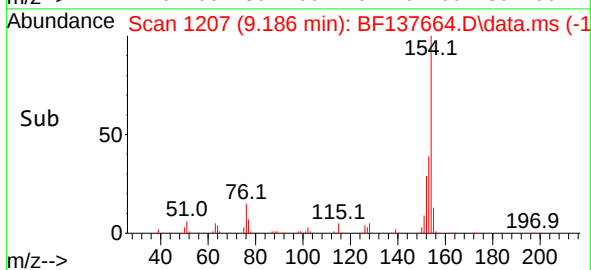
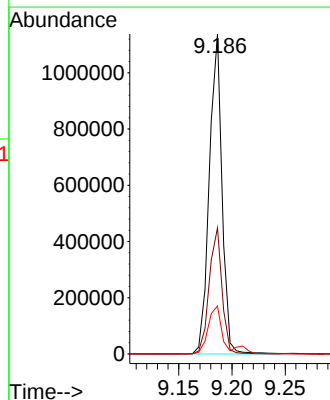
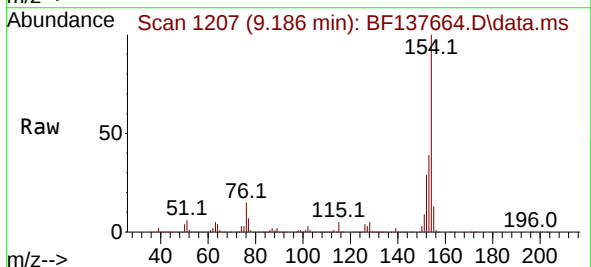
Tgt Ion:154 Resp: 946883

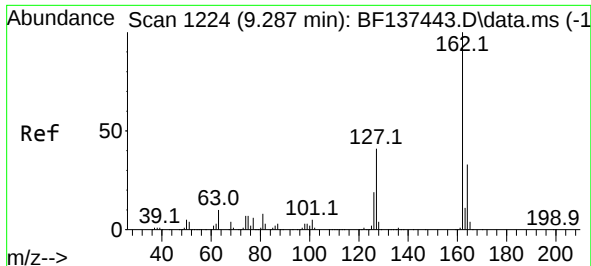
Ion Ratio Lower Upper

154 100

153 39.4 21.0 61.0

76 15.0 0.0 35.8





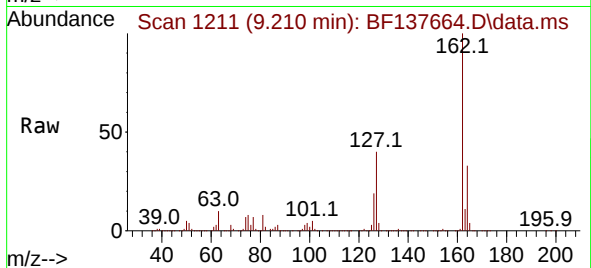
#47
2-Chloronaphthalene
Concen: 46.721 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

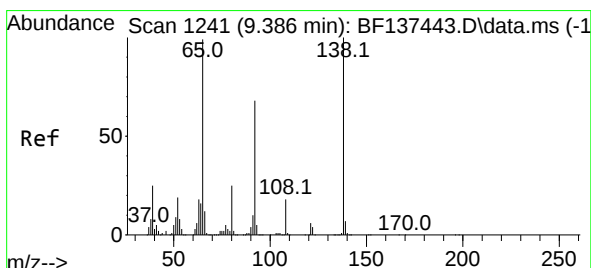
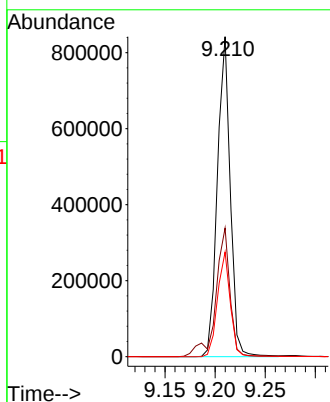
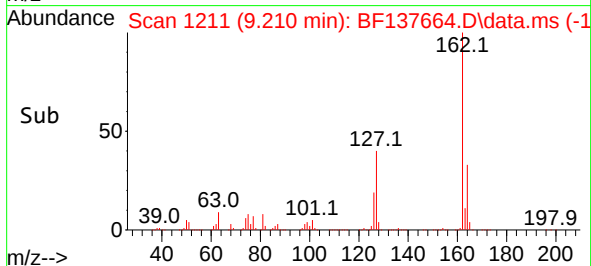


Tgt Ion:162 Resp: 750014
Ion Ratio Lower Upper
162 100
127 40.2 32.6 49.0
164 32.7 26.5 39.7

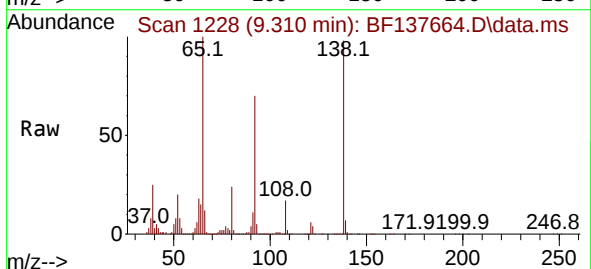
Manual Integrations

APPROVED

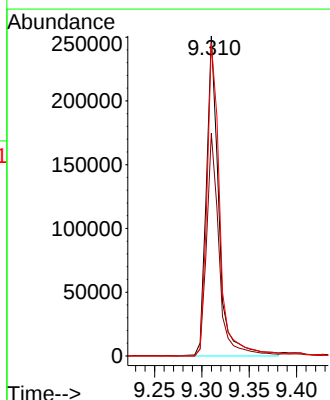
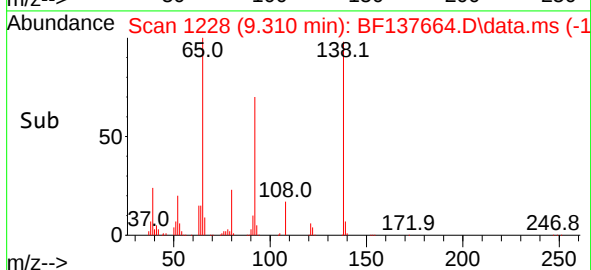
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

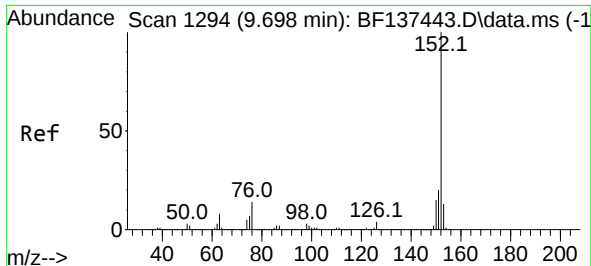


#48
2-Nitroaniline
Concen: 41.907 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57



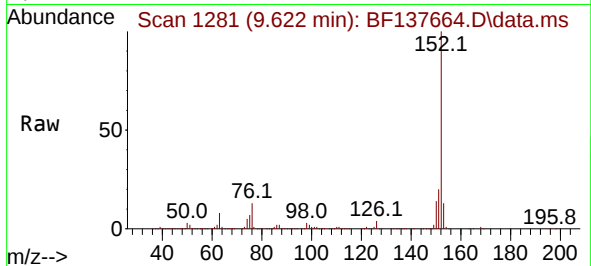
Tgt Ion: 65 Resp: 228655
Ion Ratio Lower Upper
65 100
92 69.6 55.4 83.2
138 97.7 81.0 121.6





#49
Acenaphthylene
Concen: 45.429 ng
RT: 9.622 min Scan# 1167092
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

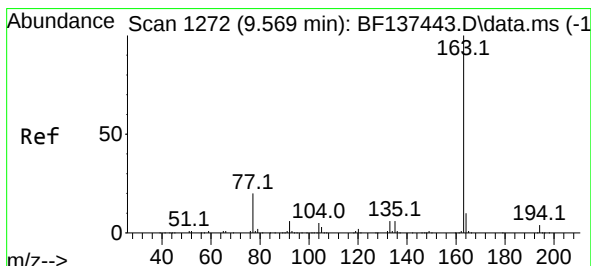
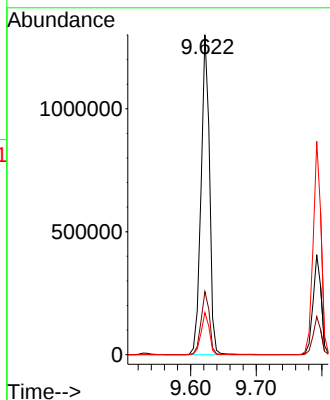
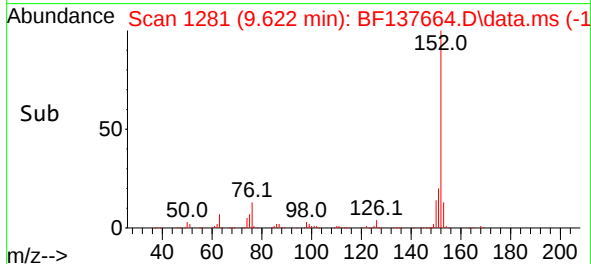
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



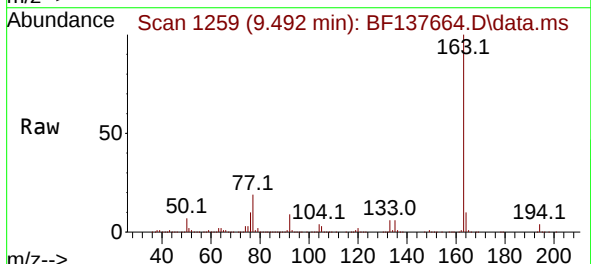
Tgt Ion:152 Resp: 1167092
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.1 10.8 16.2

Manual Integrations
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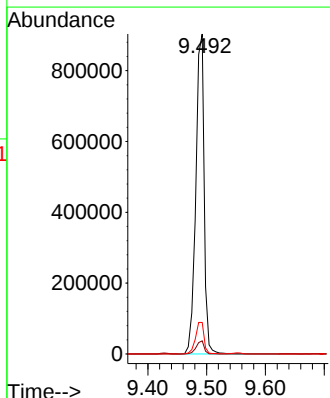
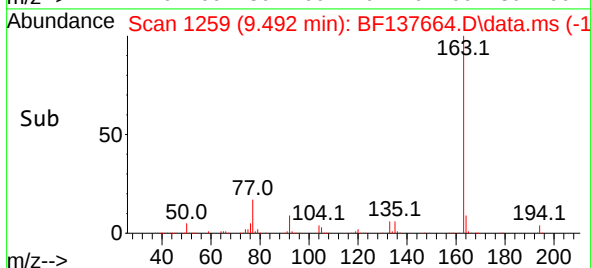
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

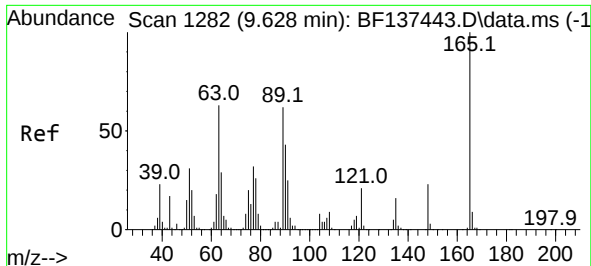


#50
Dimethylphthalate
Concen: 44.283 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57



Tgt Ion:163 Resp: 886787
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.999 ng

RT: 9.551 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

Tgt Ion:165 Resp: 18848

Ion Ratio Lower Upper

165 100

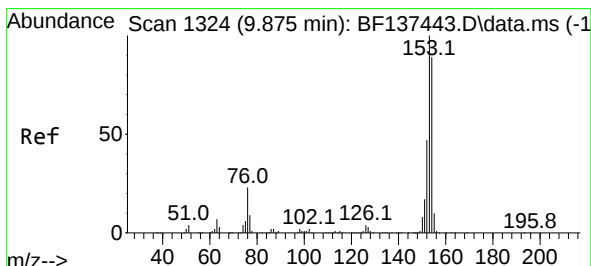
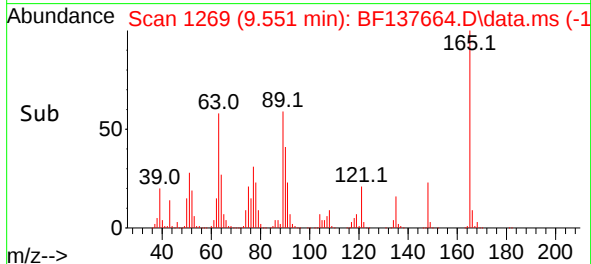
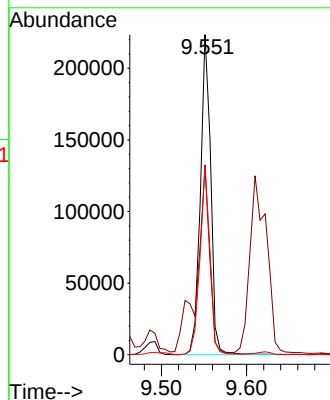
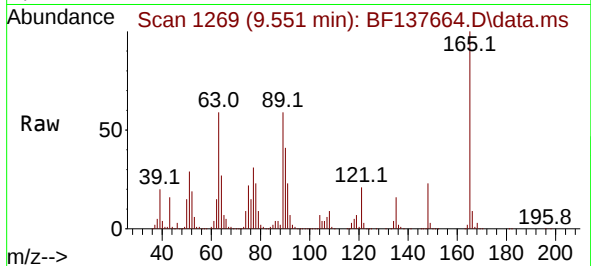
63 58.6 50.7 76.1

89 59.3 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#52

Acenaphthene

Concen: 42.657 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

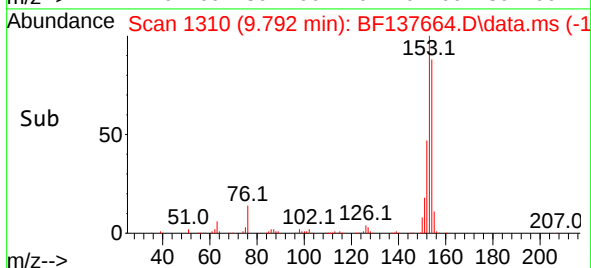
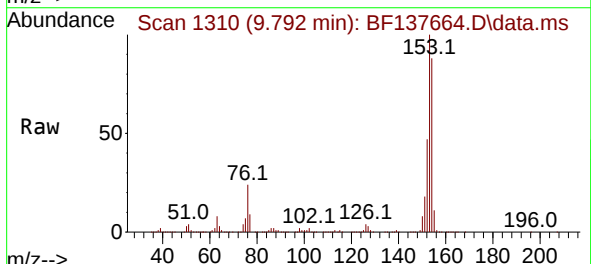
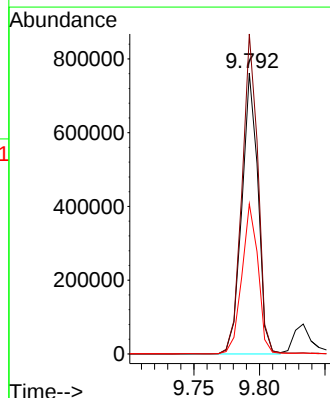
Tgt Ion:154 Resp: 654243

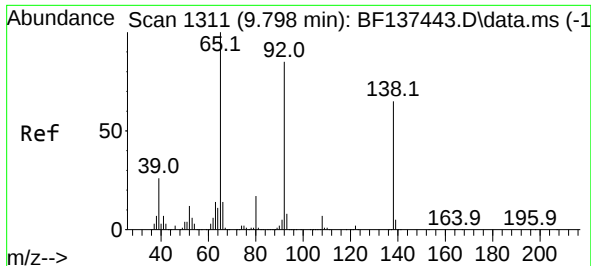
Ion Ratio Lower Upper

154 100

153 113.9 90.3 135.5

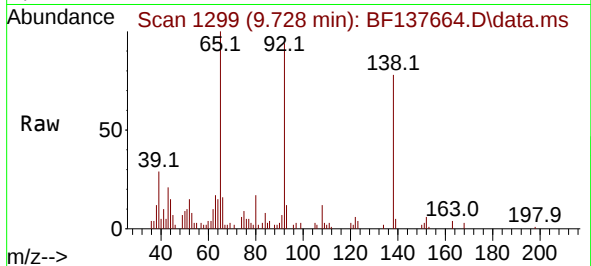
152 53.4 42.7 64.1





#53
3-Nitroaniline
Concen: 4.071 ng m
RT: 9.728 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

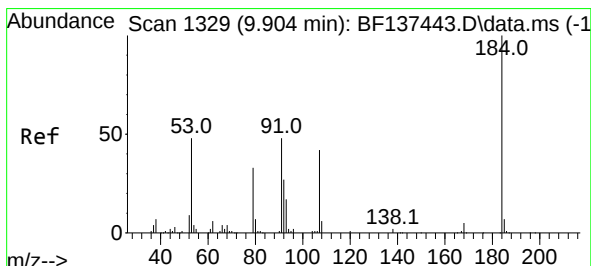
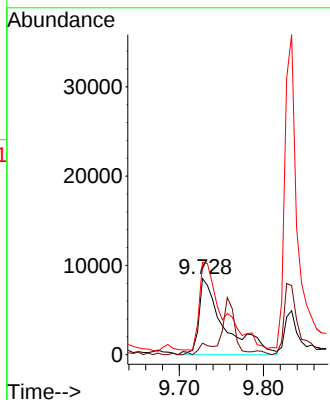
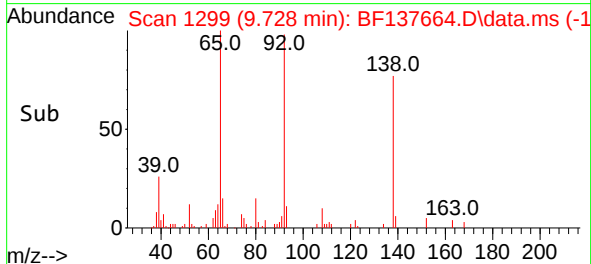
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



Tgt Ion:138 Resp: 1803
Ion Ratio Lower Upper
138 100
108 15.2 9.1 13.7
92 121.2 104.6 157.0

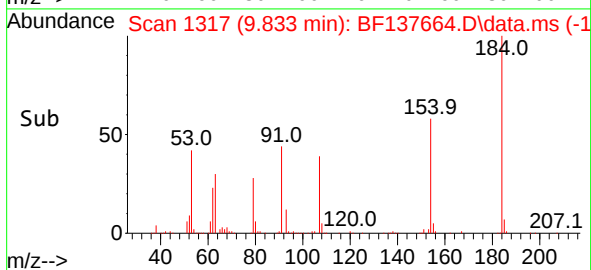
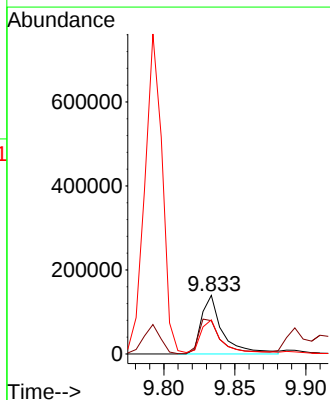
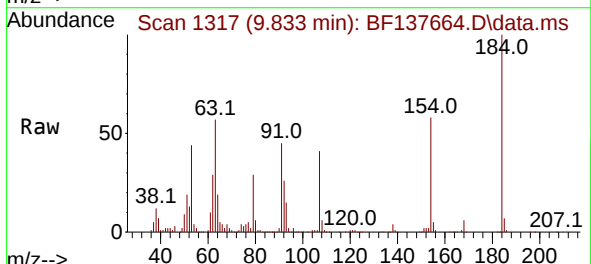
Manual Integrations
APPROVED

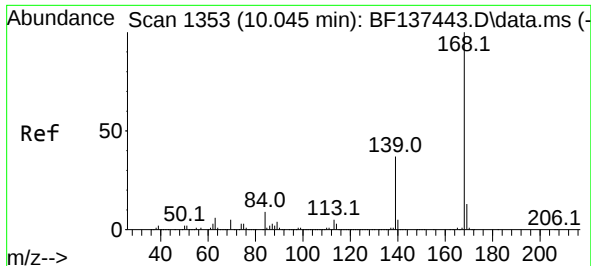
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#54
2,4-Dinitrophenol
Concen: 71.786 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

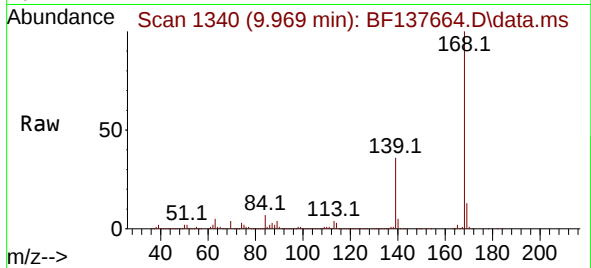
Tgt Ion:184 Resp: 144733
Ion Ratio Lower Upper
184 100
63 56.9 53.3 79.9
154 58.4 47.4 71.0





#55
Dibenzenofuran
Concen: 42.451 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

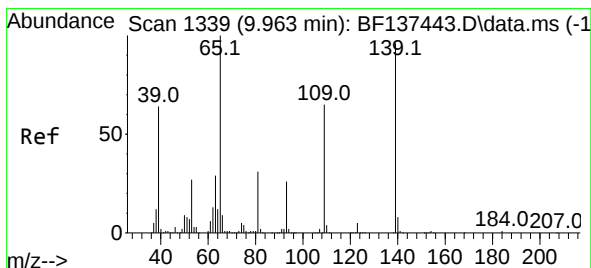
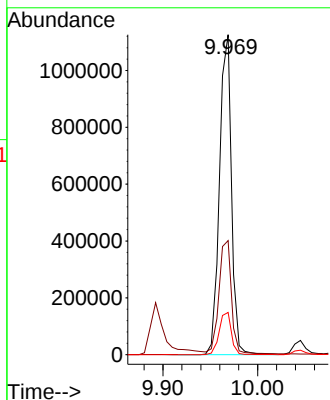
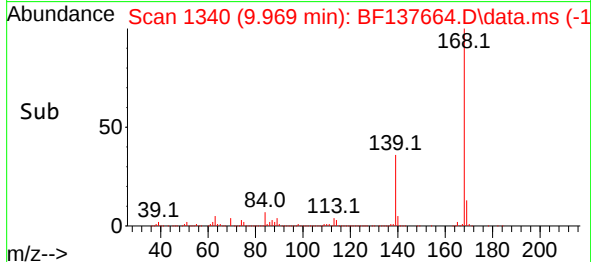
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



Tgt Ion:168 Resp: 99164
Ion Ratio Lower Upper
168 100
139 35.6 29.8 44.6
169 13.2 10.8 16.2

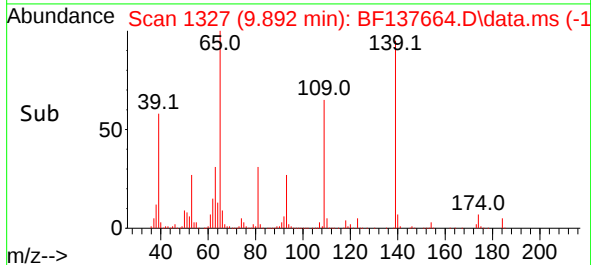
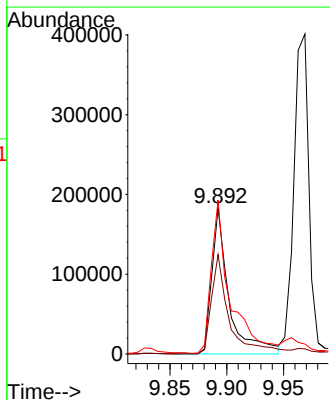
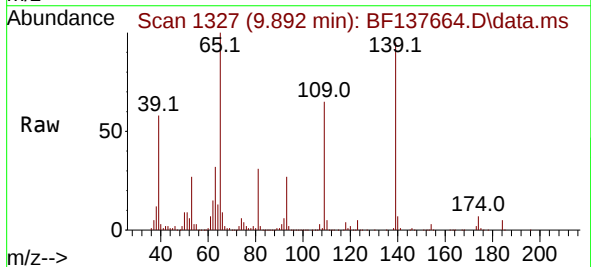
Manual Integrations
APPROVED

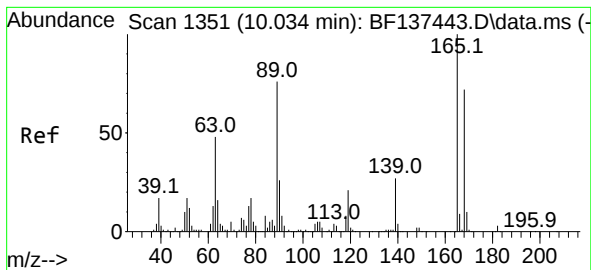
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#56
4-Nitrophenol
Concen: 62.476 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:139 Resp: 193612
Ion Ratio Lower Upper
139 100
109 68.2 47.1 87.1
65 105.6 85.1 125.1





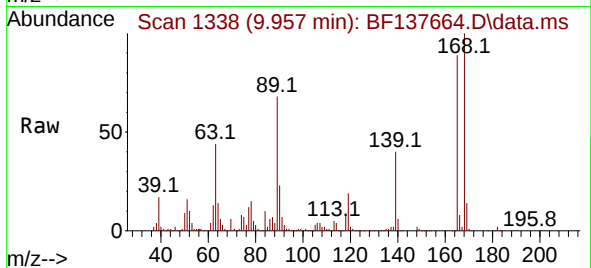
#57
2,4-Dinitrotoluene
Concen: 44.876 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

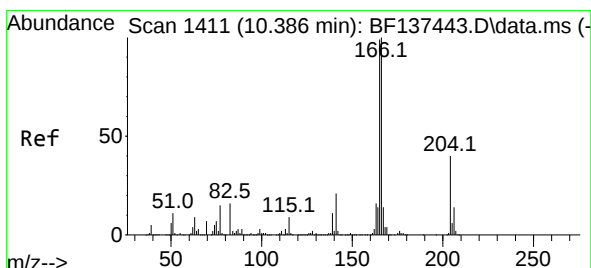
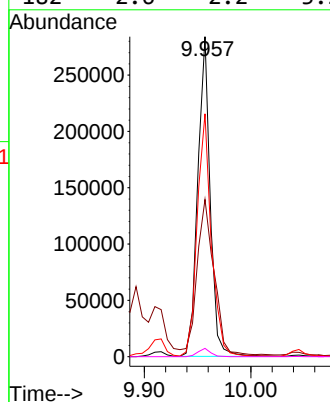
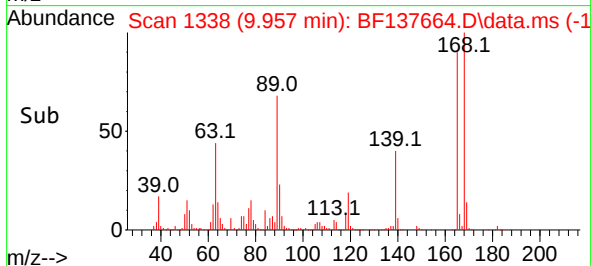


Tgt Ion:165 Resp: 23093
Ion Ratio Lower Upper
165 100
63 49.2 39.0 58.6
89 75.9 60.9 91.3
182 2.6 2.2 3.2

Manual Integrations

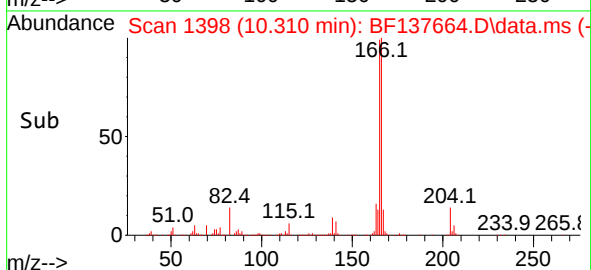
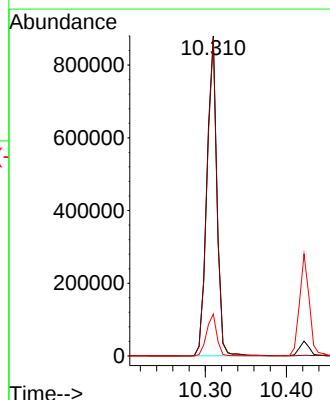
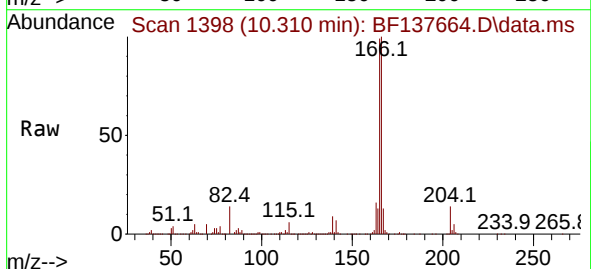
APPROVED

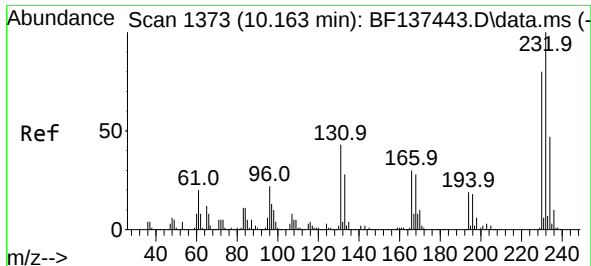
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#58
Fluorene
Concen: 42.013 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

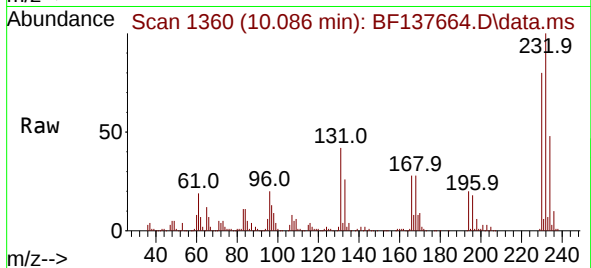
Tgt Ion:166 Resp: 753720
Ion Ratio Lower Upper
166 100
165 99.3 79.2 118.8
167 13.1 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.526 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

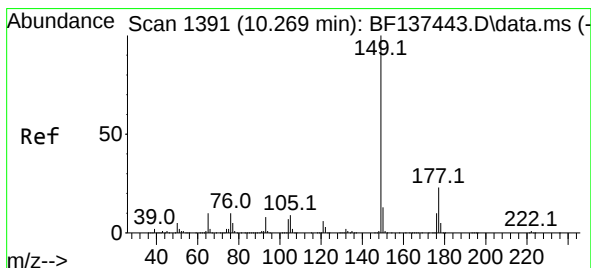
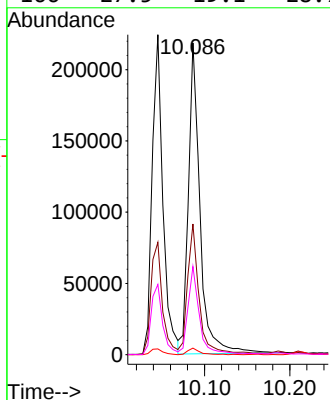
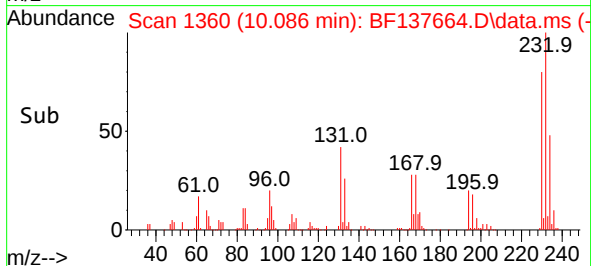
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



Tgt Ion:232 Resp: 20545
Ion Ratio Lower Upper
232 100
131 40.8 31.2 46.8
130 2.3 1.8 2.6
166 27.5 19.1 28.7

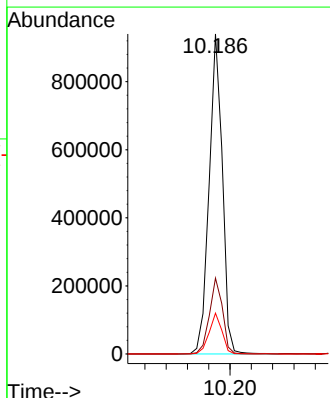
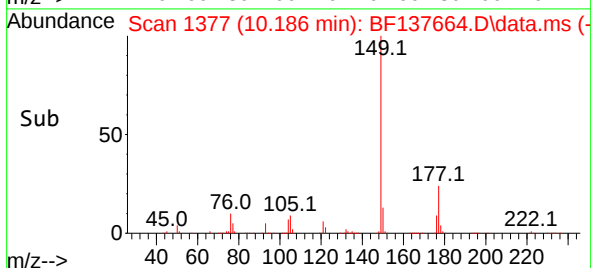
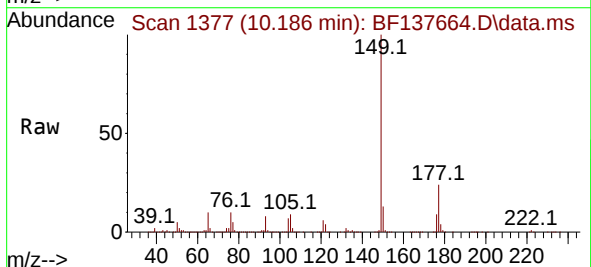
Manual Integrations
APPROVED

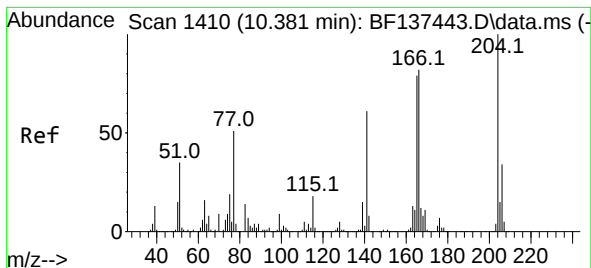
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#60
Diethylphthalate
Concen: 42.813 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

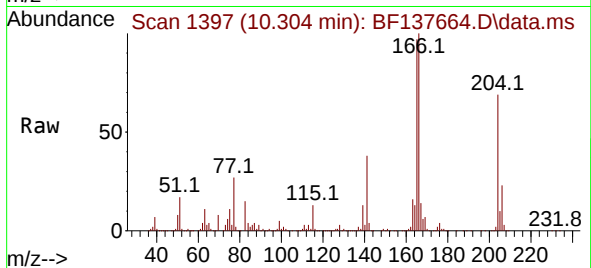
Tgt Ion:149 Resp: 809635
Ion Ratio Lower Upper
149 100
177 23.7 18.7 28.1
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.672 ng
RT: 10.304 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

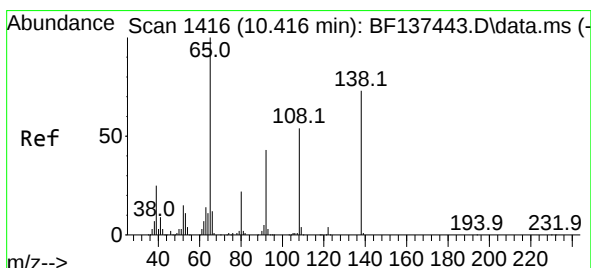
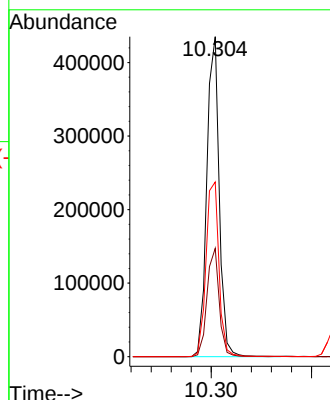
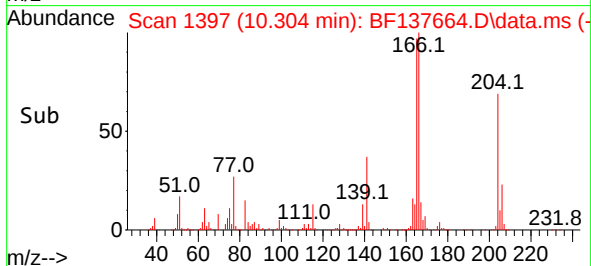
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



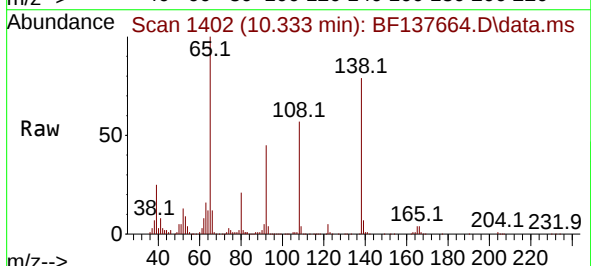
Tgt Ion:204 Resp: 37518
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.0
141 54.6 48.4 72.6

Manual Integrations
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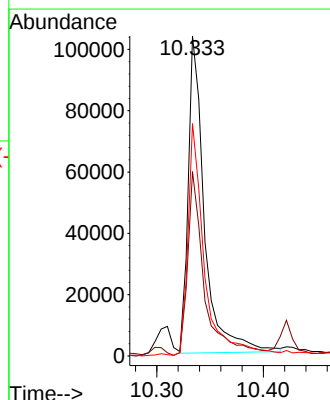
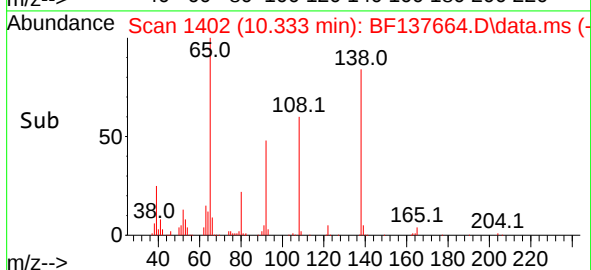
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

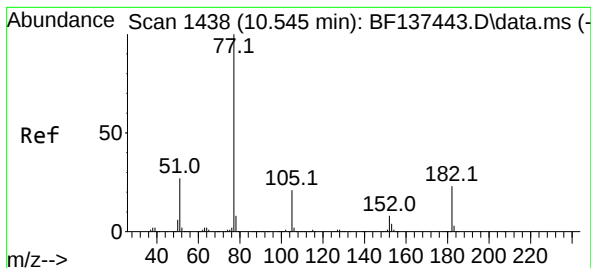


#62
4-Nitroaniline
Concen: 28.803 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57



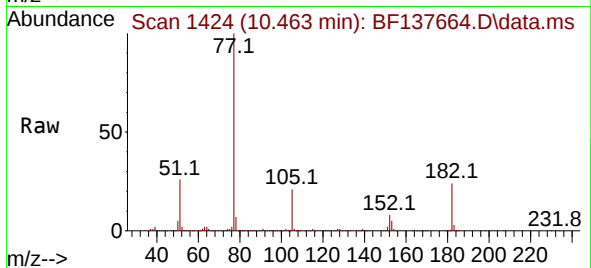
Tgt Ion:138 Resp: 109679
Ion Ratio Lower Upper
138 100
92 57.6 37.9 77.9
108 72.6 53.2 93.2





#63
 Azobenzene
 Concen: 39.530 ng
 RT: 10.463 min Scan# 1438
 Delta R.T. -0.000 min
 Lab File: BF137664.D
 Acq: 21 Mar 2024 16:57

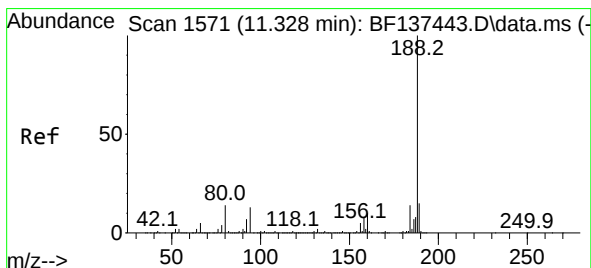
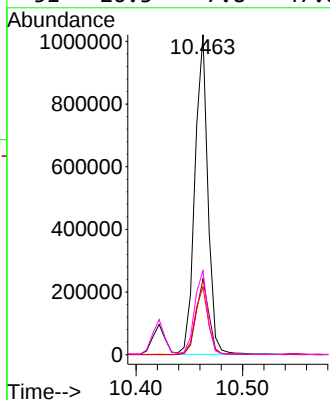
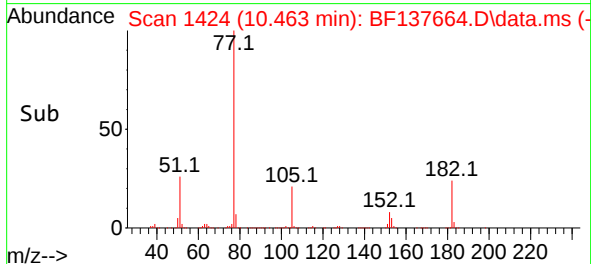
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-PITMS



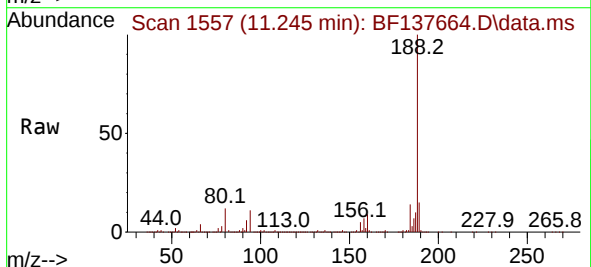
Tgt Ion: 77 Resp: 860784
 Ion Ratio Lower Upper
 77 100
 182 23.7 3.2 43.2
 105 21.2 1.2 41.2
 51 26.3 7.8 47.8

Manual Integrations
 APPROVED

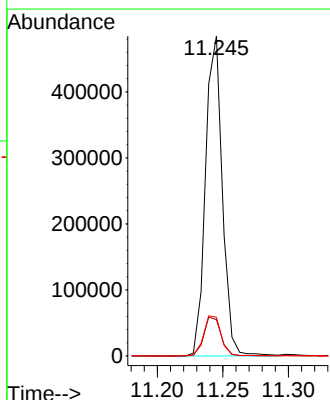
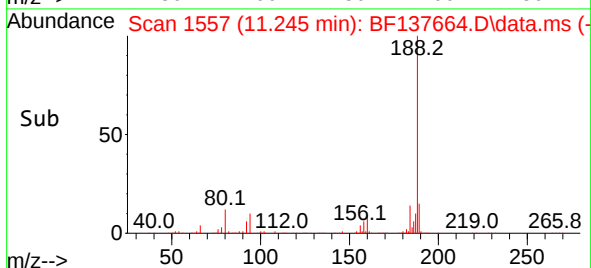
Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

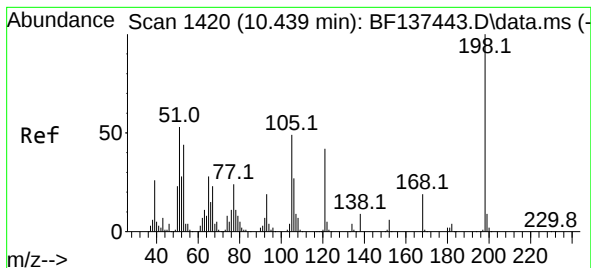


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.245 min Scan# 1557
 Delta R.T. 0.006 min
 Lab File: BF137664.D
 Acq: 21 Mar 2024 16:57



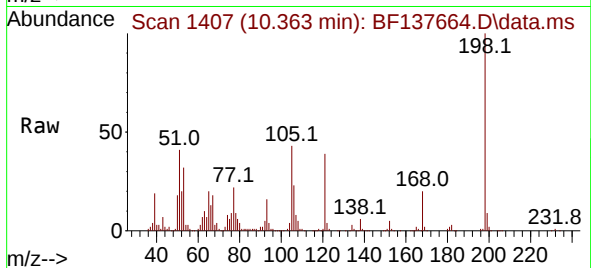
Tgt Ion:188 Resp: 433543
 Ion Ratio Lower Upper
 188 100
 94 11.4 10.6 15.8
 80 12.1 11.5 17.3





#65
4,6-Dinitro-2-methylphenol
Concen: 46.301 ng
RT: 10.363 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

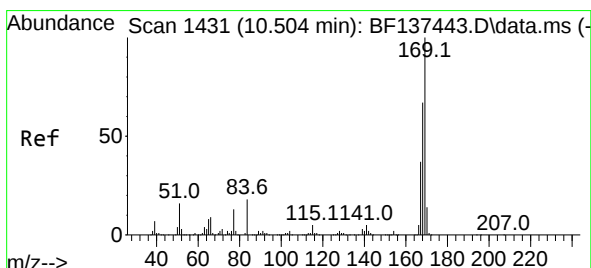
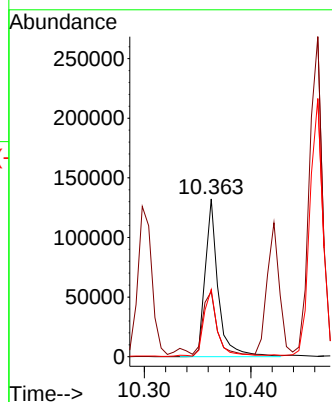
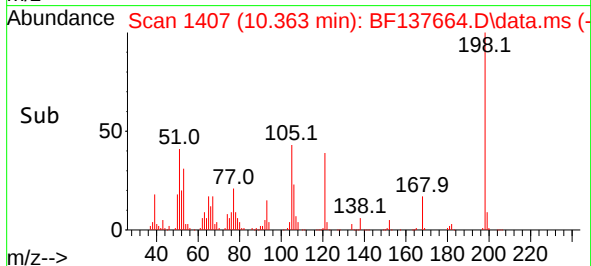
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



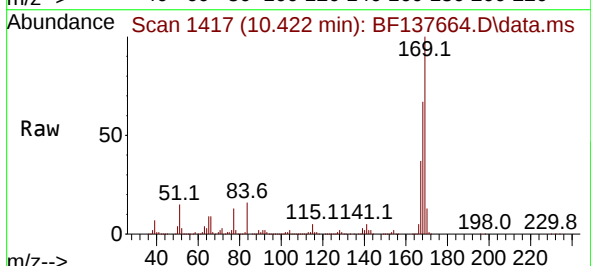
Tgt Ion:198 Resp: 111879
Ion Ratio Lower Upper
198 100
51 41.2 37.2 77.2
105 42.6 29.2 69.2

Manual Integrations
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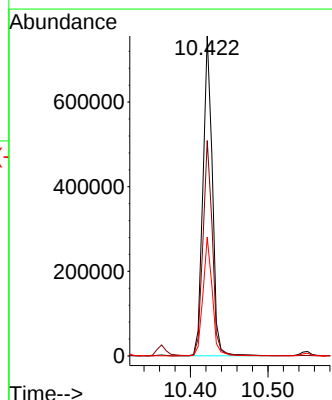
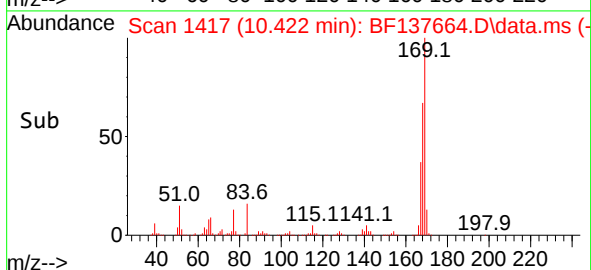
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

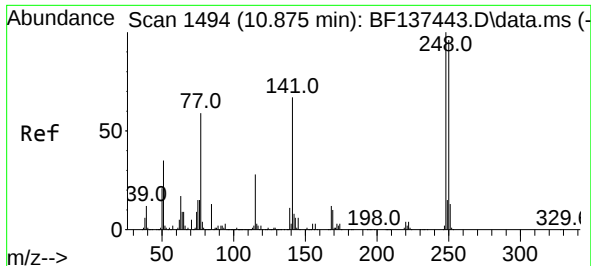


#66
n-Nitrosodiphenylamine
Concen: 45.540 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57



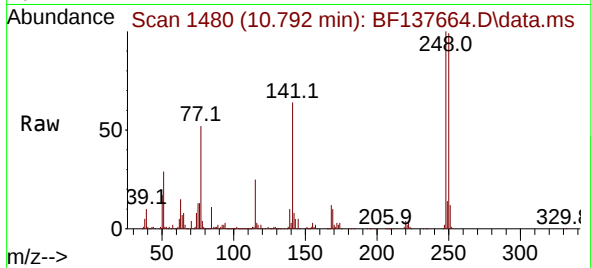
Tgt Ion:169 Resp: 635770
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 37.1 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 48.545 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

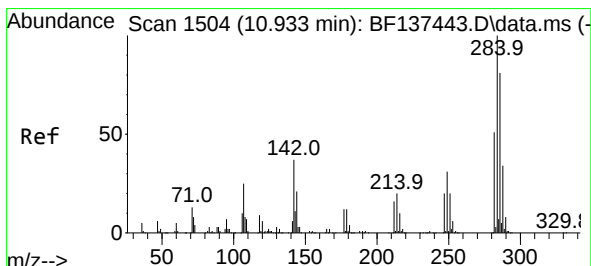
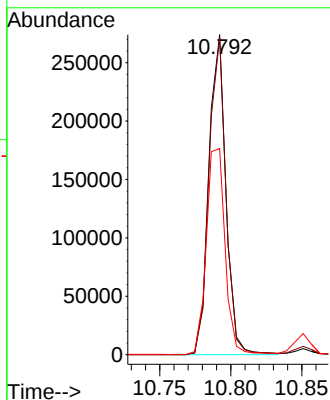
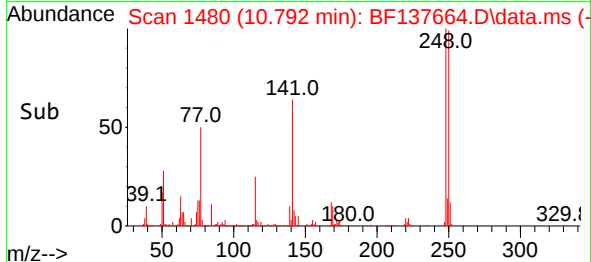
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



Tgt Ion:248 Resp: 22923
Ion Ratio Lower Upper
248 100
250 99.0 76.8 115.2
141 64.4 53.4 80.0

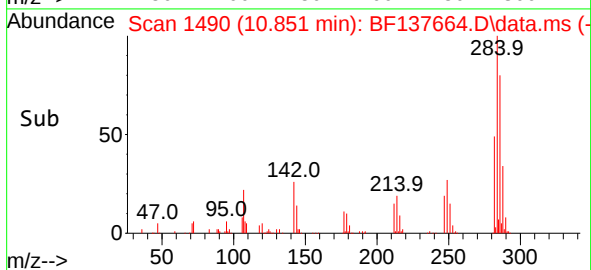
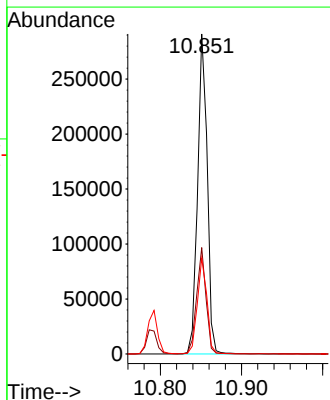
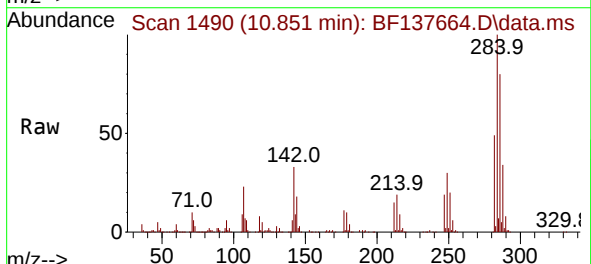
Manual Integrations
APPROVED

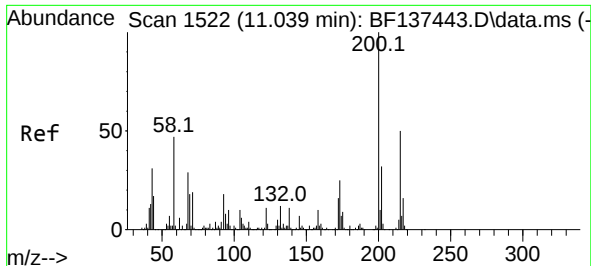
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#68
Hexachlorobenzene
Concen: 50.500 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:284 Resp: 240850
Ion Ratio Lower Upper
284 100
142 33.3 29.4 44.0
249 29.9 25.0 37.4





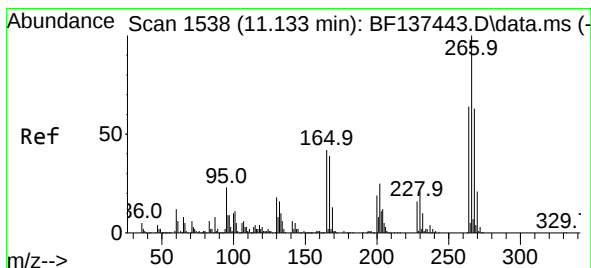
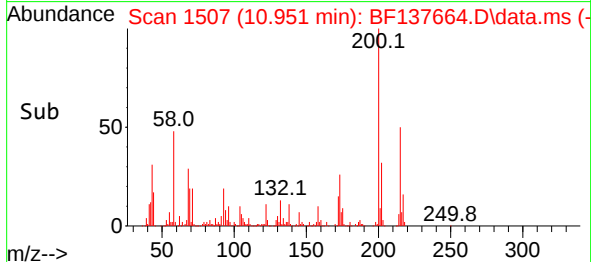
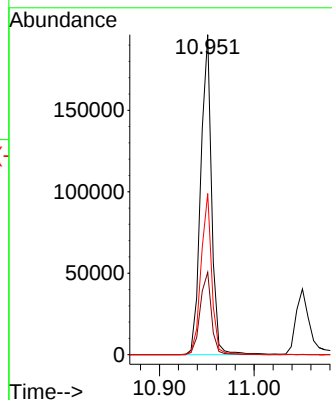
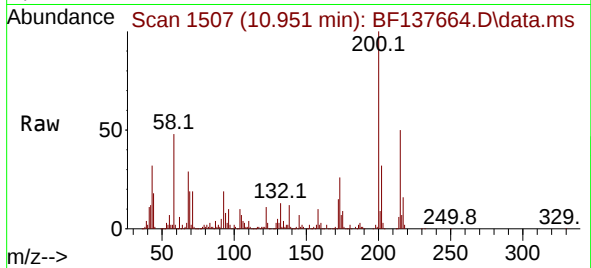
#69
Atrazine
Concen: 37.068 ng
RT: 10.951 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS

Tgt Ion:200 Resp: 157318
Ion Ratio Lower Upper
200 100
173 25.7 5.1 45.1
215 50.4 30.4 70.4

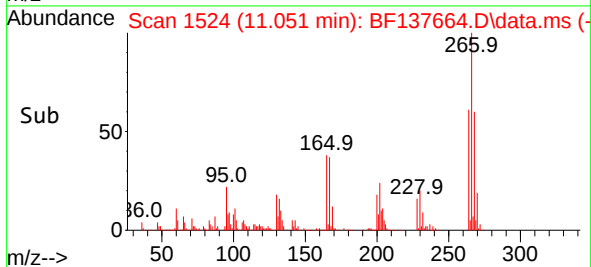
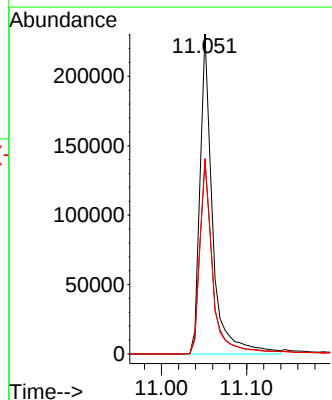
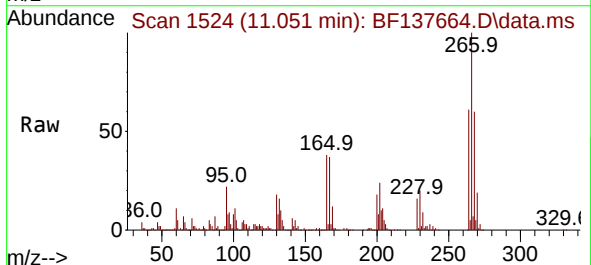
Manual Integrations
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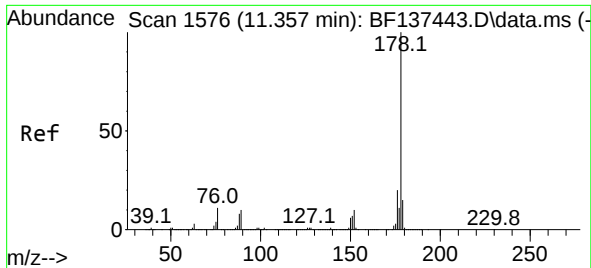
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#70
Pentachlorophenol
Concen: 82.293 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:266 Resp: 237264
Ion Ratio Lower Upper
266 100
268 60.0 50.2 75.2
264 61.0 50.9 76.3





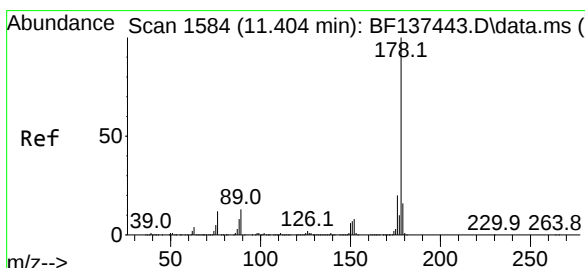
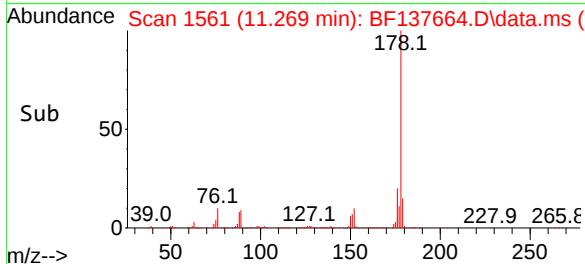
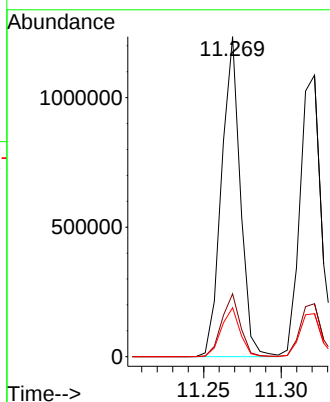
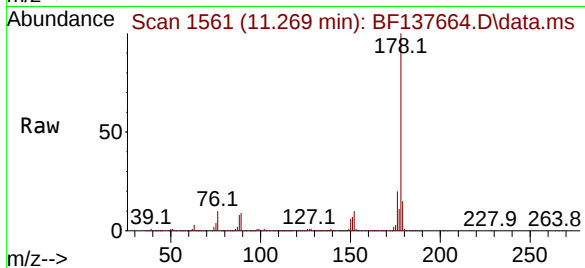
#71
Phenanthrene
Concen: 44.157 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS

Tgt Ion:178 Resp: 104185
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.3 12.2 18.2

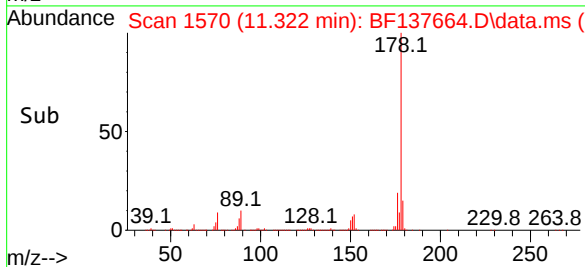
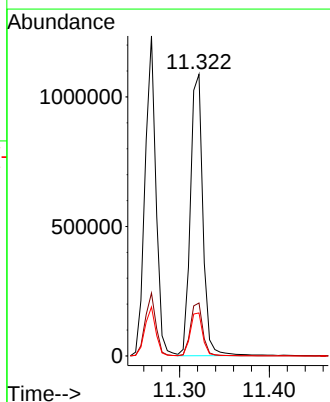
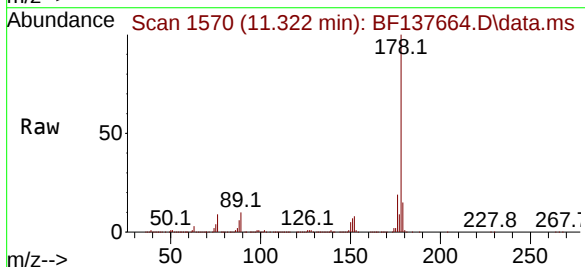
Manual Integrations
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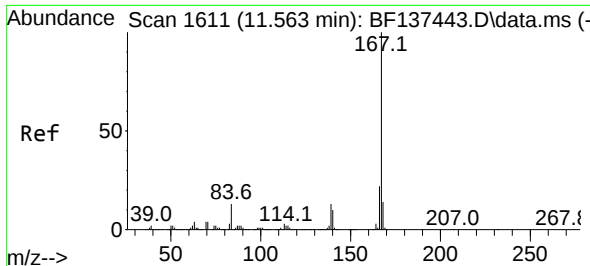
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#72
Anthracene
Concen: 43.234 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

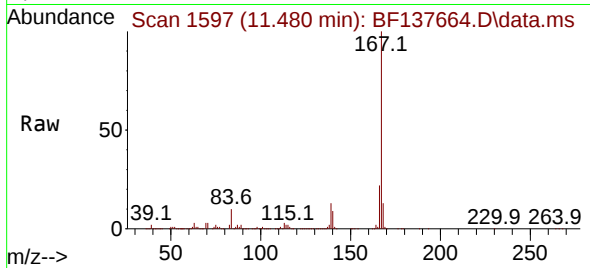
Tgt Ion:178 Resp: 1047680
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.3 12.7 19.1





#73
 Carbazole
 Concen: 42.067 ng
 RT: 11.480 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF137664.D
 Acq: 21 Mar 2024 16:57

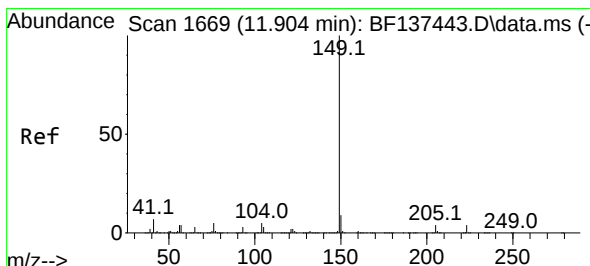
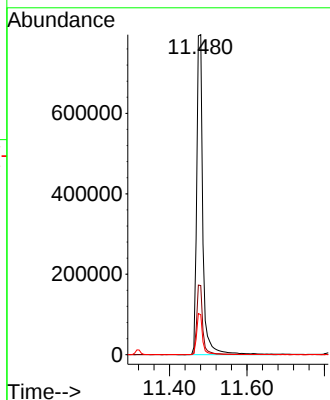
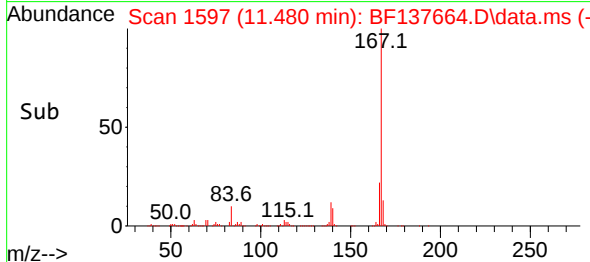
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-PITMS



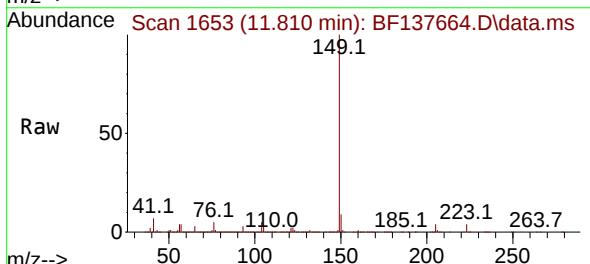
Tgt Ion:167 Resp: 873185
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 12.5 10.5 15.7

Manual Integrations
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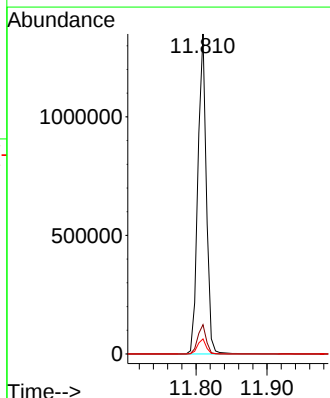
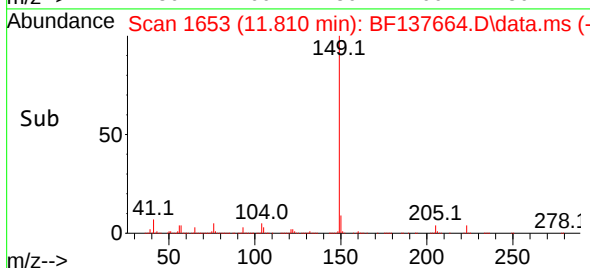
Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

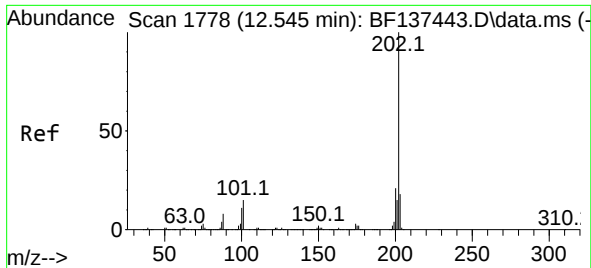


#74
 Di-n-butylphthalate
 Concen: 45.240 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. -0.000 min
 Lab File: BF137664.D
 Acq: 21 Mar 2024 16:57



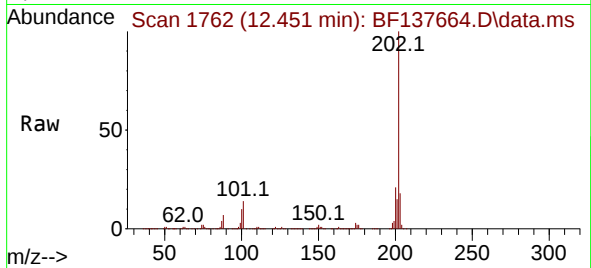
Tgt Ion:149 Resp: 1117245
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 40.504 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

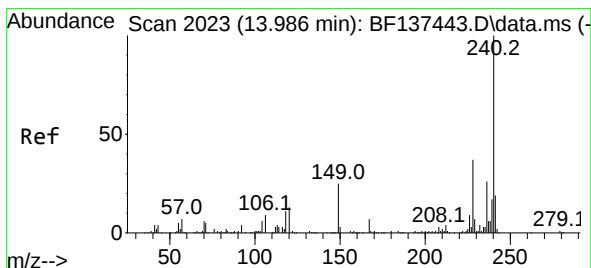
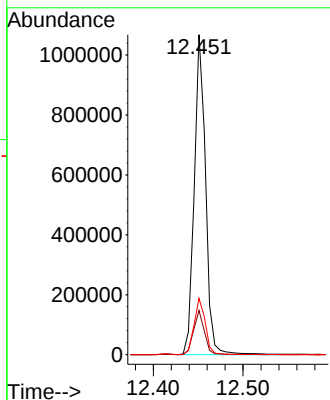
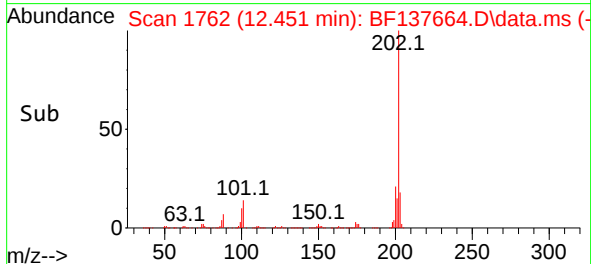
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



Tgt Ion:202 Resp: 93413
Ion Ratio Lower Upper
202 100
101 13.8 0.0 35.0
203 17.6 0.0 37.7

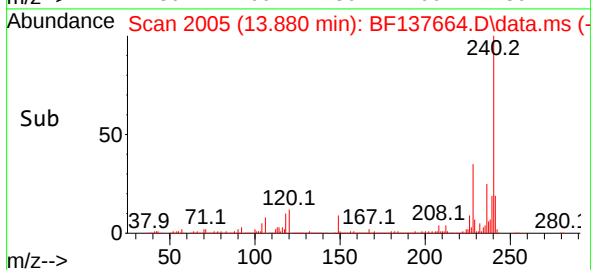
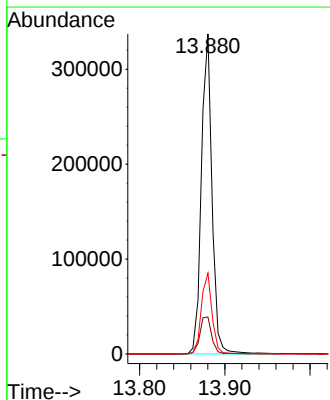
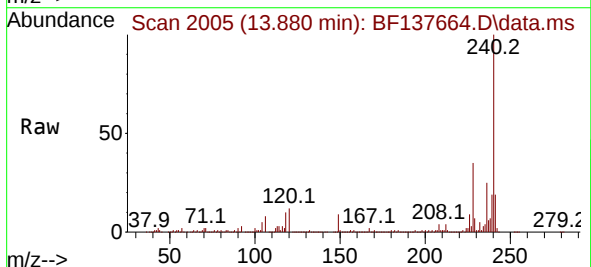
Manual Integrations
APPROVED

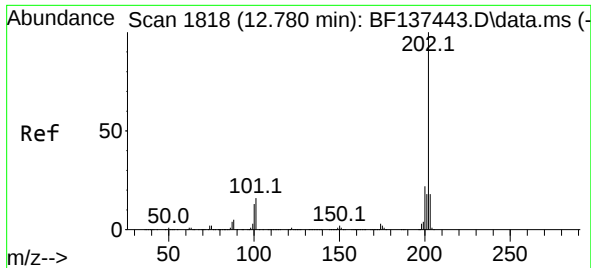
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

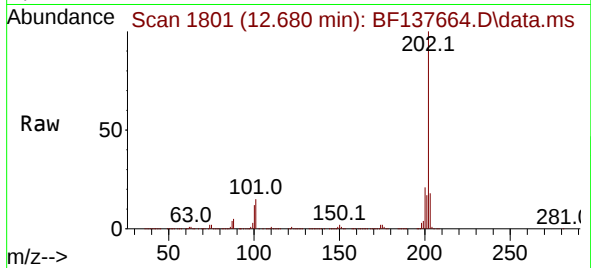
Tgt Ion:240 Resp: 292556
Ion Ratio Lower Upper
240 100
120 11.6 10.4 15.6
236 25.2 20.9 31.3





#78
Pyrene
Concen: 33.071 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

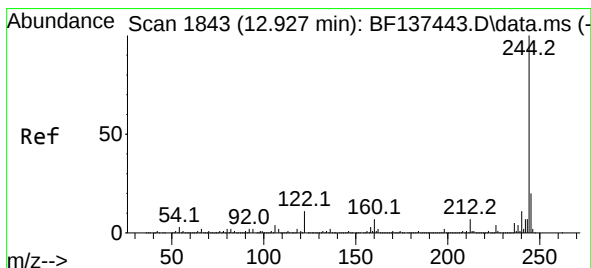
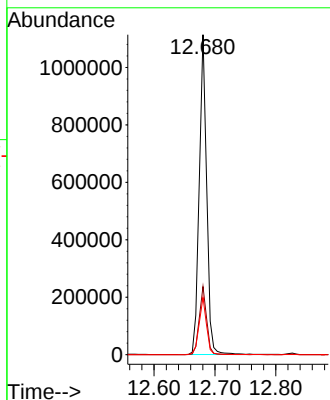
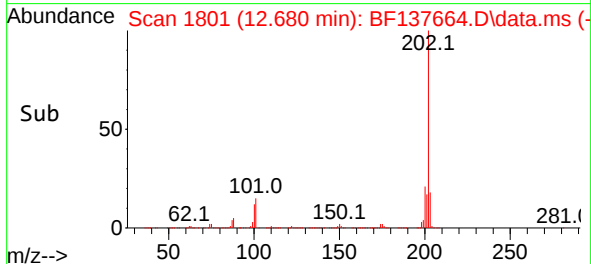
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



Tgt Ion:202 Resp: 949350
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.9 14.1 21.1

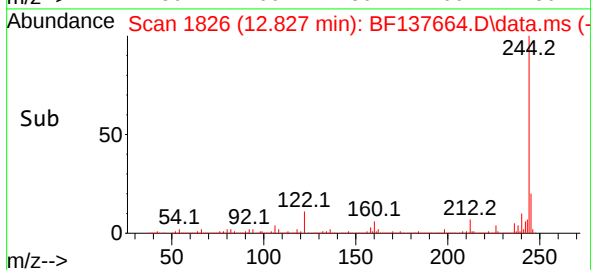
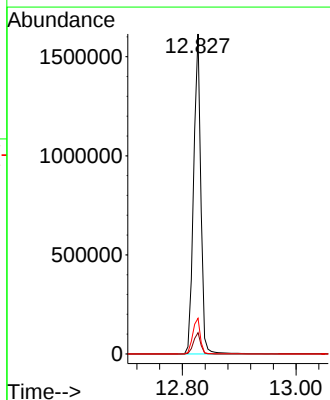
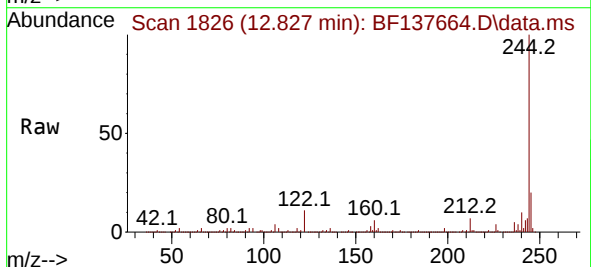
Manual Integrations
APPROVED

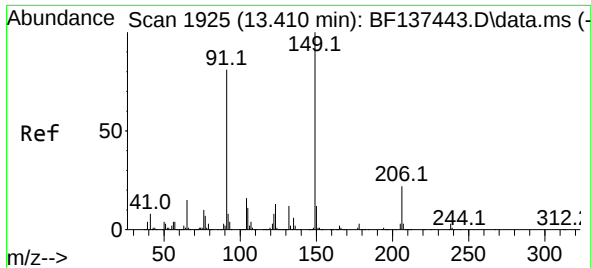
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#79
Terphenyl-d14
Concen: 67.229 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:244 Resp: 1430305
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 11.1 9.1 13.7





#80
Butylbenzylphthalate
Concen: 47.768 ng
RT: 13.304 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

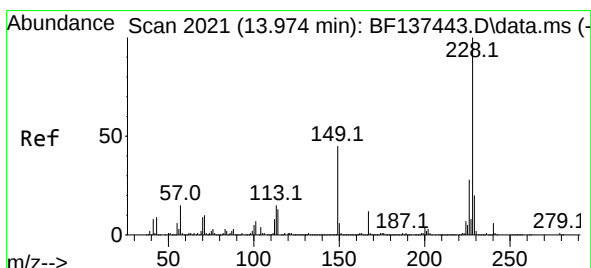
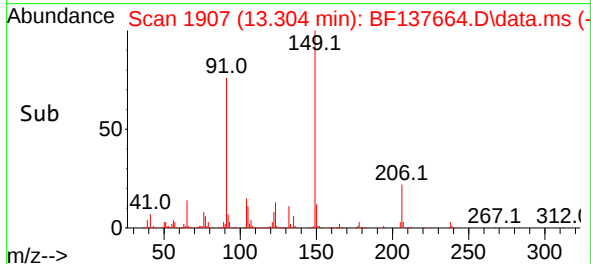
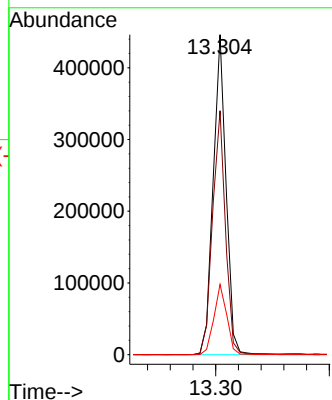
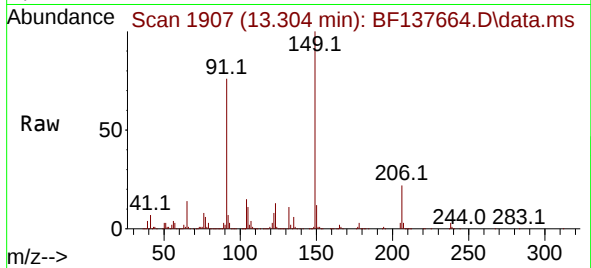
TRENCH-PITMS

Tgt Ion:149 Resp: 350194
Ion Ratio Lower Upper
149 100
91 76.3 64.7 97.1
206 22.0 17.5 26.3

Manual Integrations

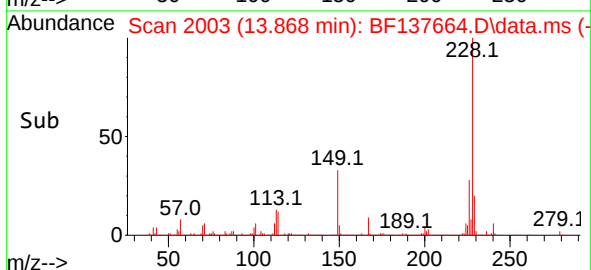
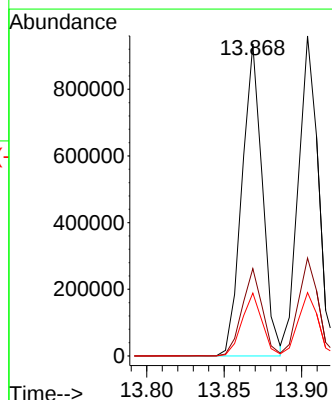
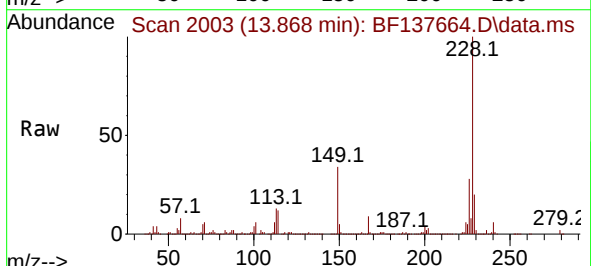
APPROVED

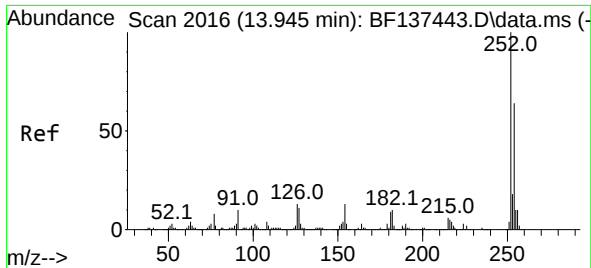
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#81
Benzo(a)anthracene
Concen: 41.866 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:228 Resp: 858455
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.1 16.3 24.5





#82
3,3'-Dichlorobenzidine
Concen: 7.758 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

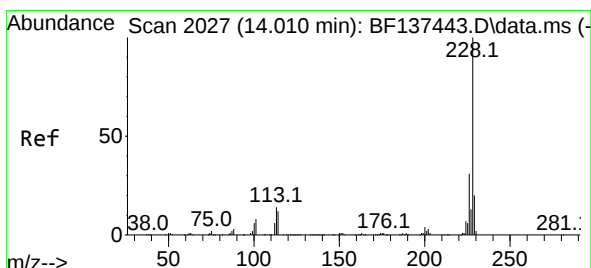
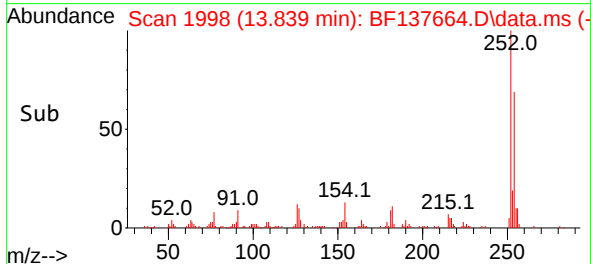
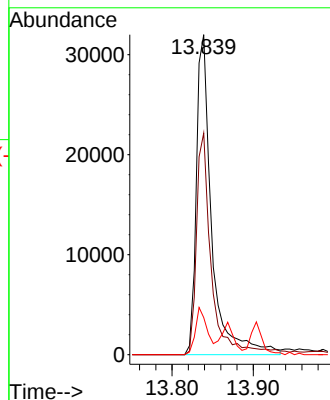
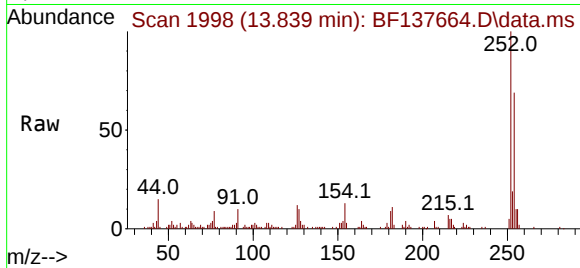
TRENCH-PITMS

Tgt Ion:252 Resp: 42362
Ion Ratio Lower Upper
252 100
254 69.3 51.4 77.2
126 11.6 10.4 15.6

Manual Integrations

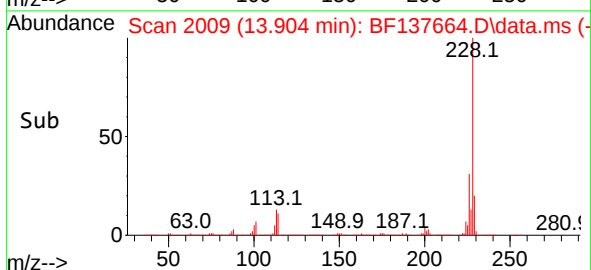
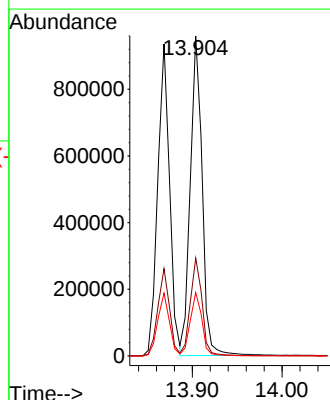
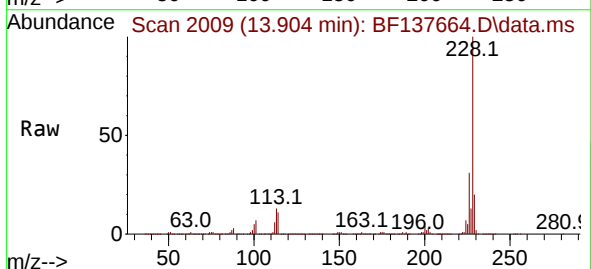
APPROVED

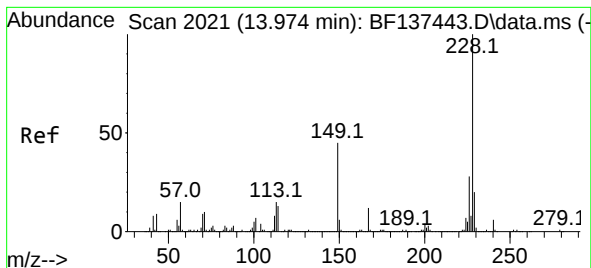
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#83
Chrysene
Concen: 42.478 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:228 Resp: 880334
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 19.8 15.9 23.9





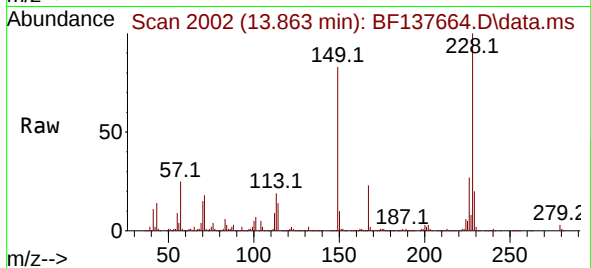
#84
Bis(2-ethylhexyl)phthalate
Concen: 49.349 ng
RT: 13.863 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

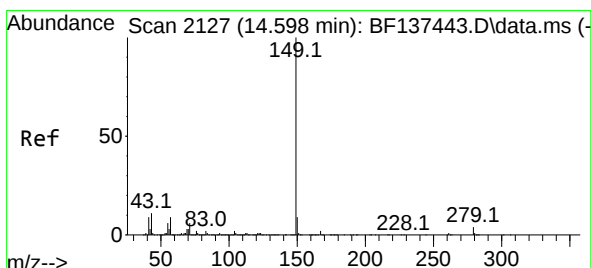
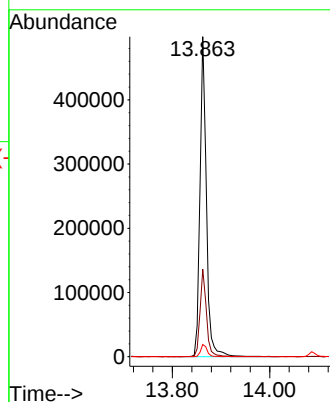
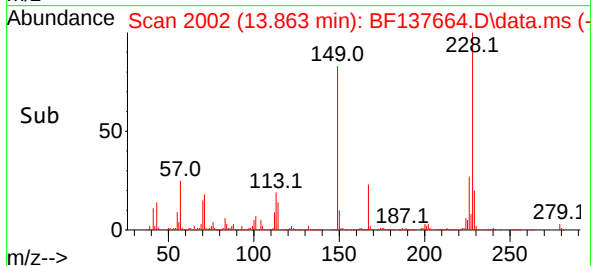


Tgt Ion:149 Resp: 459840
Ion Ratio Lower Upper
149 100
167 27.3 21.3 31.9
279 3.8 2.6 4.0

Manual Integrations

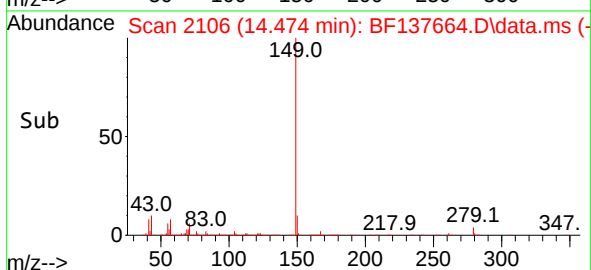
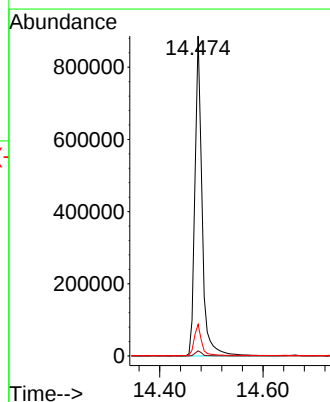
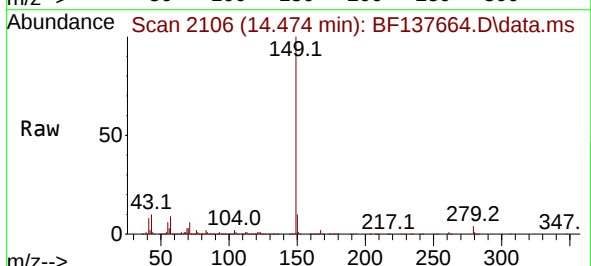
APPROVED

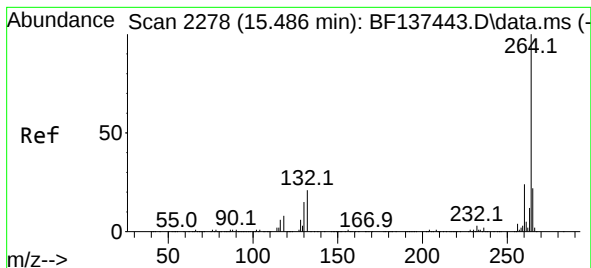
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#85
Di-n-octyl phthalate
Concen: 47.776 ng
RT: 14.474 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

Tgt Ion:149 Resp: 857453
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137664.D

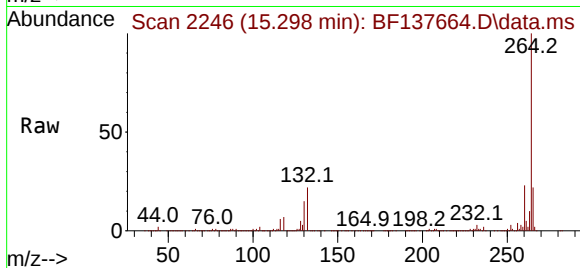
Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS



Tgt Ion:264 Resp: 32308

Ion Ratio Lower Upper

264 100

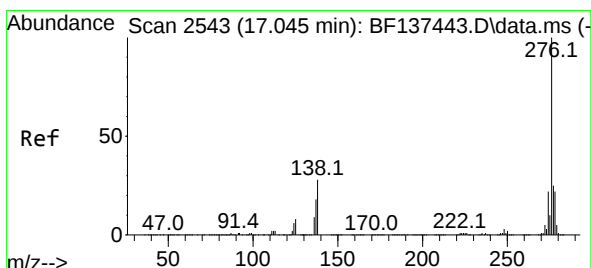
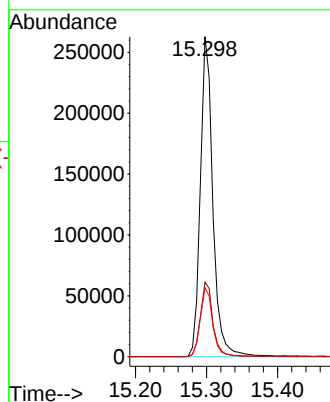
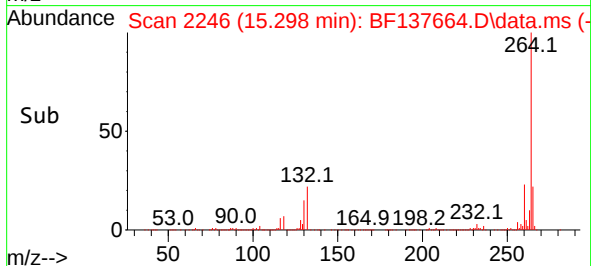
260 23.3 19.3 28.9

265 21.6 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 35.793 ng

RT: 16.692 min Scan# 2483

Delta R.T. 0.006 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

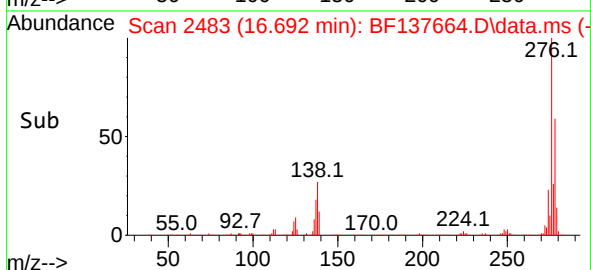
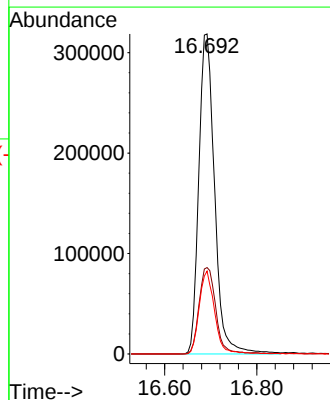
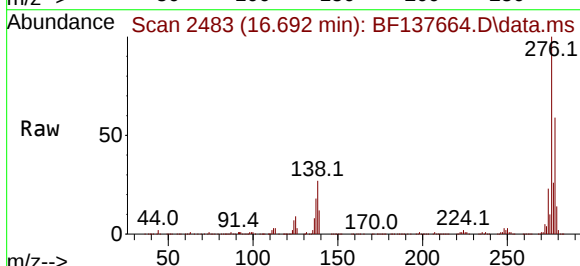
Tgt Ion:276 Resp: 761008

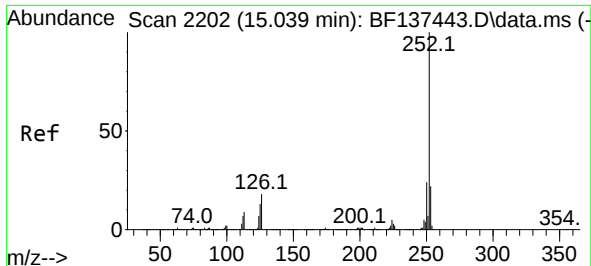
Ion Ratio Lower Upper

276 100

138 28.5 25.8 38.8

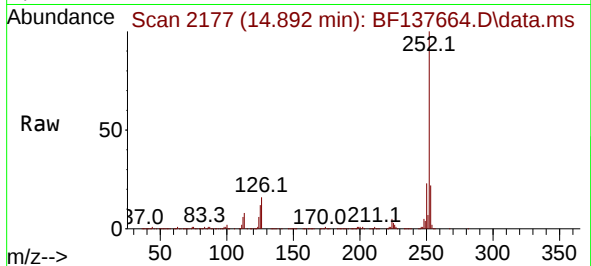
277 25.0 20.2 30.2





#88
Benzo(b)fluoranthene
Concen: 48.197 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57

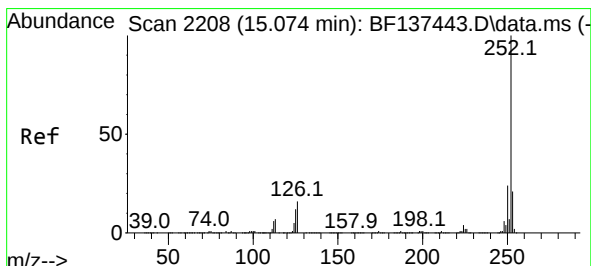
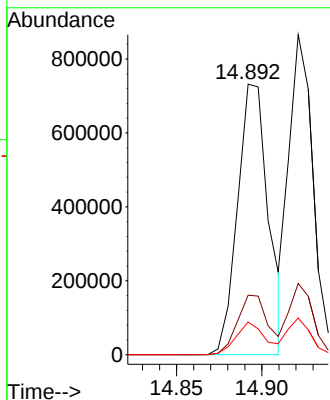
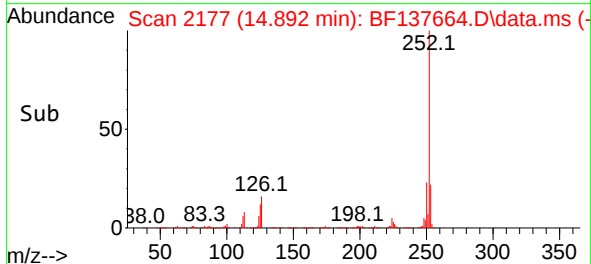
Instrument :
BNA_F
ClientSampleId :
TRENCH-PITMS



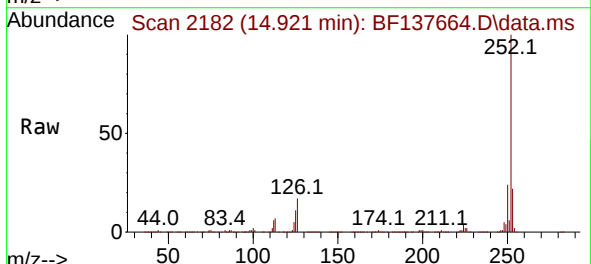
Tgt Ion:252 Resp: 921125
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 12.1 10.1 15.1

Manual Integrations
APPROVED

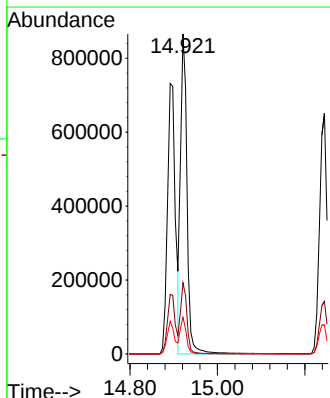
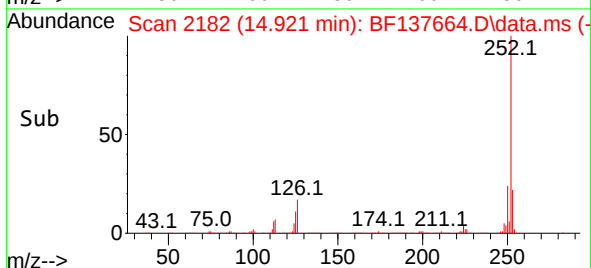
Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

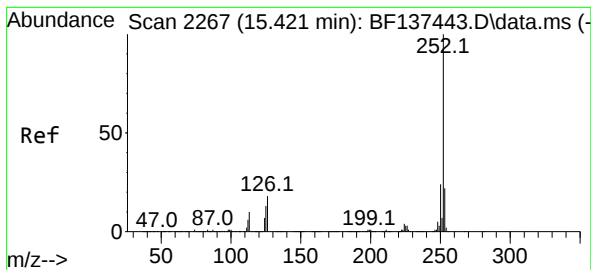


#89
Benzo(k)fluoranthene
Concen: 43.273 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BF137664.D
Acq: 21 Mar 2024 16:57



Tgt Ion:252 Resp: 888311
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.4 9.6 14.4





#90

Benzo(a)pyrene

Concen: 43.180 ng

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

Tgt Ion:252 Resp: 81324

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

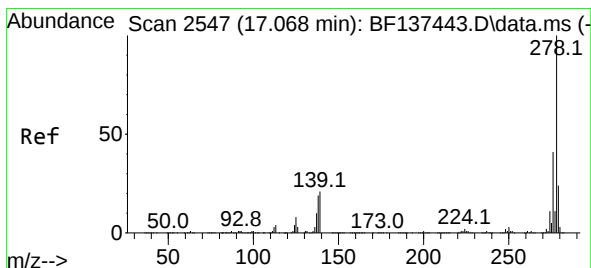
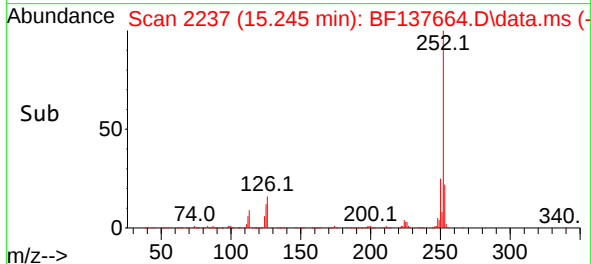
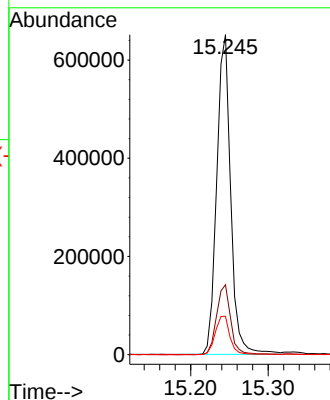
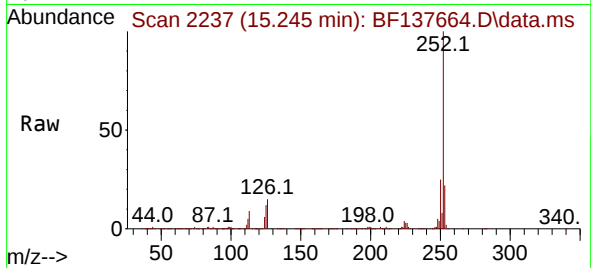
125 12.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024

Supervised By :mohammad ahmed 03/26/2024



#91

Dibenzo(a,h)anthracene

Concen: 36.603 ng

RT: 16.704 min Scan# 2485

Delta R.T. 0.006 min

Lab File: BF137664.D

Acq: 21 Mar 2024 16:57

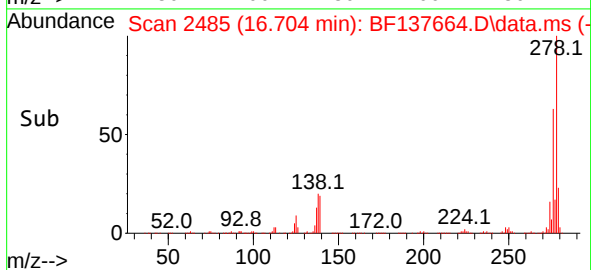
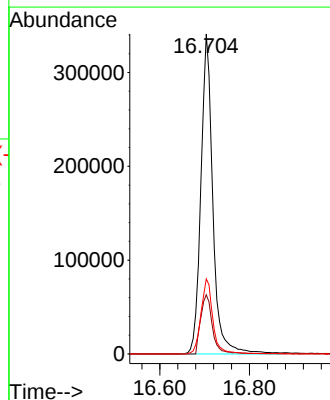
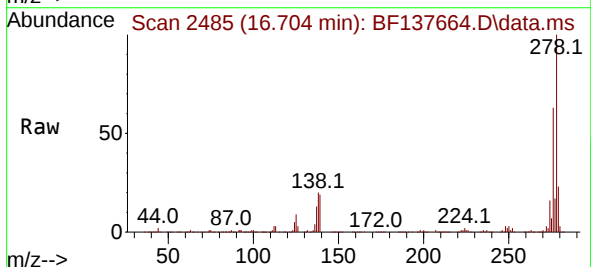
Tgt Ion:278 Resp: 631305

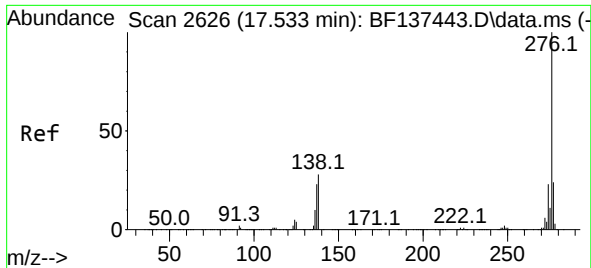
Ion Ratio Lower Upper

278 100

139 18.5 17.0 25.6

279 23.5 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 30.887 ng
 RT: 17.104 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF137664.D
 Acq: 21 Mar 2024 16:57

Instrument :

BNA_F

ClientSampleId :

TRENCH-PITMS

Tgt Ion:276 Resp: 54709
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.0 28.4
 138 25.9 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
 Supervised By :mohammad ahmed 03/26/2024

