

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139634.D
 Acq On : 03 Oct 2024 16:33
 Operator : RC/JU
 Sample : P4214-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 17:12:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	100442	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	374894	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	210127	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	386587	20.000	ng	0.00
76) Chrysene-d12	14.033	240	207998	20.000	ng	0.00
86) Perylene-d12	15.498	264	211804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	767480	132.438	ng	0.02
7) Phenol-d6	6.510	99	942652	120.960	ng	0.00
23) Nitrobenzene-d5	7.434	82	734669	99.219	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	287742	141.854	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1289348	94.200	ng	0.00
79) Terphenyl-d14	12.974	244	1351055	106.580	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.846	88	116967	46.685	ng	# 80
3) Pyridine	3.551	79	264923	43.477	ng	99
4) n-Nitrosodimethylamine	3.487	42	203601	51.047	ng	97
6) Aniline	6.534	93	261897	37.872	ng	# 84
8) 2-Chlorophenol	6.657	128	323929	52.173	ng	98
9) Benzaldehyde	6.422	77	24858	6.022	ng	98
10) Phenol	6.522	94	365834	44.644	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	334806	50.181	ng	99
12) 1,3-Dichlorobenzene	6.810	146	338095	48.406	ng	100
13) 1,4-Dichlorobenzene	6.887	146	343431	48.548	ng	100
14) 1,2-Dichlorobenzene	7.039	146	328720	49.582	ng	99
15) Benzyl Alcohol	7.016	79	320099	53.758	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	590740	51.145	ng	85
17) 2-Methylphenol	7.128	107	256393	49.466	ng	96
18) Hexachloroethane	7.381	117	130735	49.548	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	250055	49.909	ng	99
20) 3+4-Methylphenols	7.281	107	320482	49.227	ng	99
22) Acetophenone	7.281	105	456077	51.251	ng	97
24) Nitrobenzene	7.451	77	388105	50.618	ng	99
25) Isophorone	7.692	82	678098	51.561	ng	100
26) 2-Nitrophenol	7.769	139	173546	52.650	ng	99
27) 2,4-Dimethylphenol	7.804	122	256085m	63.463	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	399448	50.864	ng	100
29) 2,4-Dichlorophenol	8.010	162	270933	51.476	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	290890	48.870	ng	99
31) Naphthalene	8.169	128	965645	50.378	ng	99
32) Benzoic acid	7.939	122	218652	54.494	ng	92
33) 4-Chloroaniline	8.216	127	90716	13.982	ng	99
34) Hexachlorobutadiene	8.286	225	187848	48.767	ng	100
35) Caprolactam	8.604	113	75540m	43.758	ng	
36) 4-Chloro-3-methylphenol	8.710	107	306692	51.475	ng	99
37) 2-Methylnaphthalene	8.863	142	628841	50.372	ng	100
38) 1-Methylnaphthalene	8.963	142	584936	47.935	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	294337	50.444	ng	98
41) Hexachlorocyclopentadiene	9.010	237	346959	193.925	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	203722	51.791	ng	99

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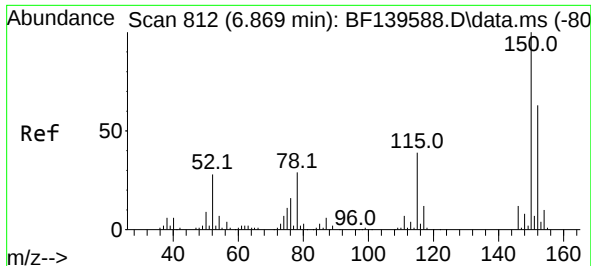
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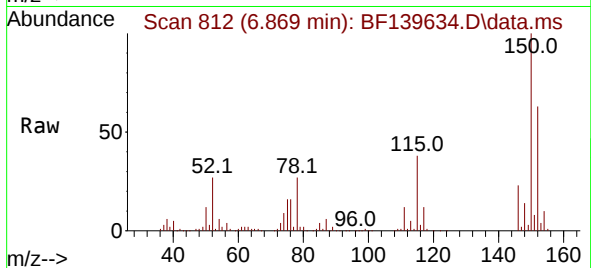
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	218730	51.564	ng	99
46) 1,1'-Biphenyl	9.328	154	787884	50.413	ng	99
47) 2-Chloronaphthalene	9.351	162	588705	50.247	ng	99
48) 2-Nitroaniline	9.451	65	225333	53.576	ng	100
49) Acenaphthylene	9.769	152	967297	54.288	ng	100
50) Dimethylphthalate	9.633	163	722103	52.497	ng	100
51) 2,6-Dinitrotoluene	9.692	165	159098	51.203	ng	96
52) Acenaphthene	9.939	154	704761m	57.616	ng	
53) 3-Nitroaniline	9.863	138	104777	32.997	ng	99
54) 2,4-Dinitrophenol	9.975	184	205753	123.113	ng	98
55) Dibenzofuran	10.110	168	882869	51.550	ng	99
56) 4-Nitrophenol	10.033	139	237146	97.935	ng	97
57) 2,4-Dinitrotoluene	10.098	165	212575	52.339	ng	97
58) Fluorene	10.457	166	692364	50.757	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	186180	54.341	ng	99
60) Diethylphthalate	10.328	149	730914	51.446	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	334946	49.081	ng	98
62) 4-Nitroaniline	10.480	138	160283	49.349	ng	98
63) Azobenzene	10.604	77	735722	51.493	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	127473	58.384	ng	99
66) n-Nitrosodiphenylamine	10.569	169	607459	53.308	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	202617	51.118	ng	97
68) Hexachlorobenzene	10.998	284	223195	50.746	ng	98
69) Atrazine	11.092	200	191514	62.640	ng	100
70) Pentachlorophenol	11.198	266	279404	106.685	ng	99
71) Phenanthrene	11.416	178	971998	53.325	ng	100
72) Anthracene	11.469	178	990800	54.944	ng	100
73) Carbazole	11.622	167	895968	51.731	ng	100
74) Di-n-butylphthalate	11.951	149	1089875	51.748	ng	100
75) Fluoranthene	12.604	202	1003930	50.384	ng	100
77) Benzidine	12.721	184	123110	33.556	ng	99
78) Pyrene	12.833	202	1012908	54.448	ng	99
80) Butylbenzylphthalate	13.445	149	388660	58.408	ng	99
81) Benzo(a)anthracene	14.021	228	743785	54.390	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	175065	41.830	ng	98
83) Chrysene	14.057	228	677713	54.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	504073	60.665	ng	100
85) Di-n-octyl phthalate	14.615	149	754194	61.784	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	767603	61.574	ng	100
88) Benzo(b)fluoranthene	15.068	252	697795	50.953	ng	99
89) Benzo(k)fluoranthene	15.098	252	569554	49.028	ng	99
90) Benzo(a)pyrene	15.439	252	614699	56.925	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	632107	61.134	ng	99
92) Benzo(g,h,i)perylene	17.427	276	598964	57.761	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

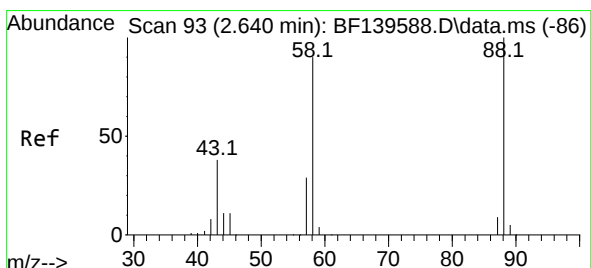
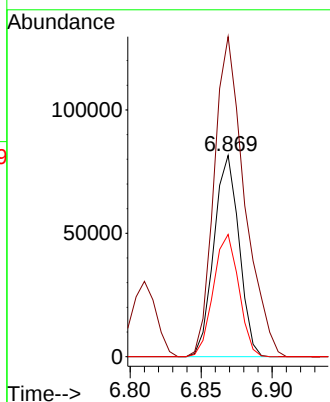
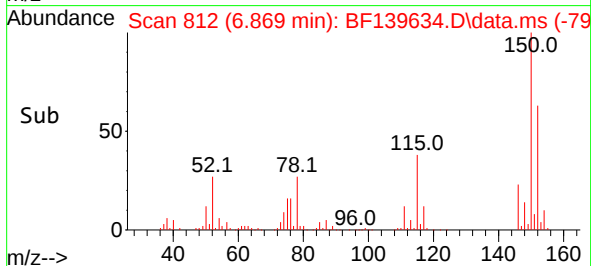
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:152 Resp: 10044
Ion Ratio Lower Upper
152 100
150 159.0 127.2 190.8
115 60.7 49.0 73.4

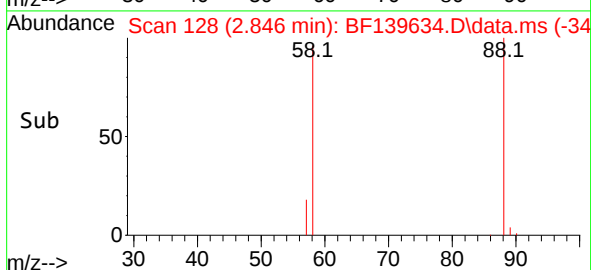
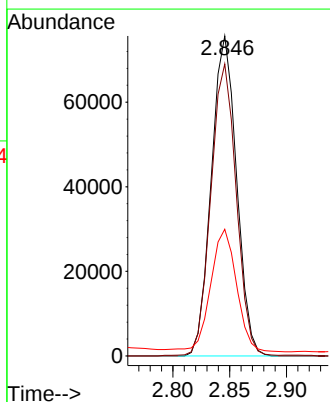
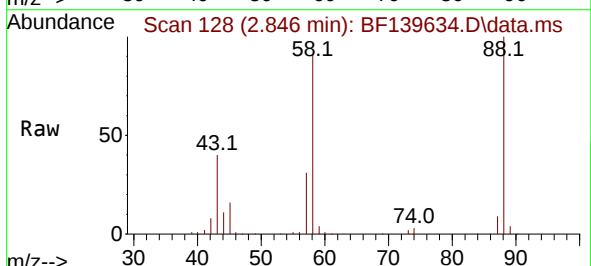
Manual Integrations
APPROVED

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#2
1,4-Dioxane
Concen: 46.685 ng
RT: 2.846 min Scan# 128
Delta R.T. 0.206 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Tgt Ion: 88 Resp: 116967
Ion Ratio Lower Upper
88 100
58 91.9 72.0 108.0
43 0.0 30.8 46.2





#3

Pyridine

Concen: 43.477 ng

RT: 3.551 min Scan# 248

Delta R.T. 0.159 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

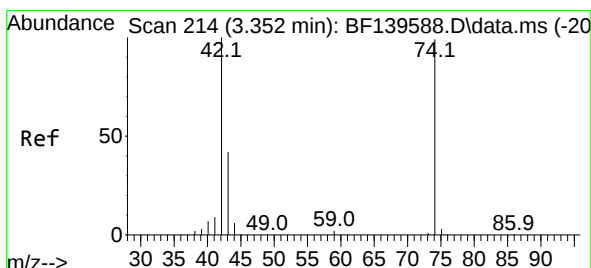
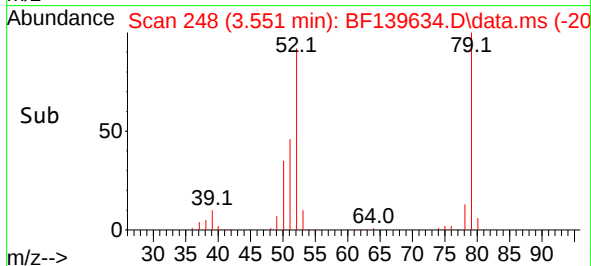
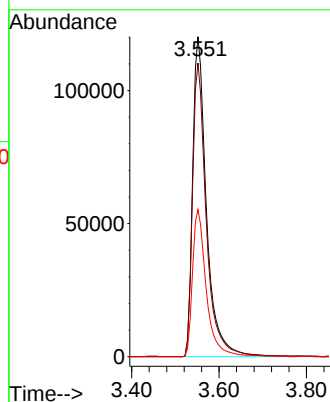
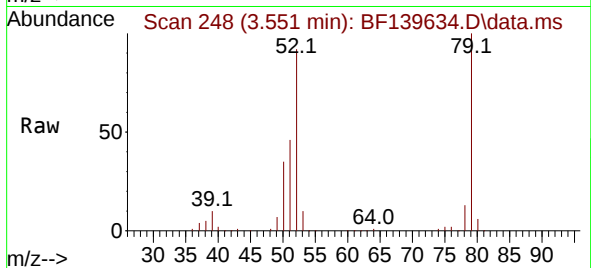
CONCRETE-WC-1MS

Tgt Ion: 79 Resp: 26492

Ion	Ratio	Lower	Upper
79	100		
52	91.7	72.6	109.0
51	46.0	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 51.047 ng

RT: 3.487 min Scan# 237

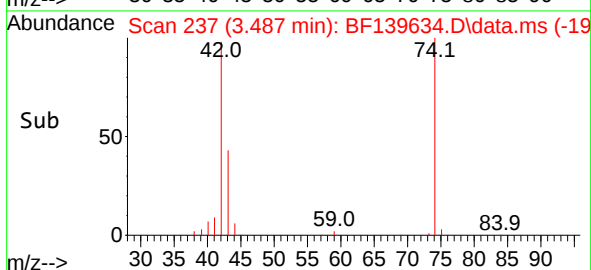
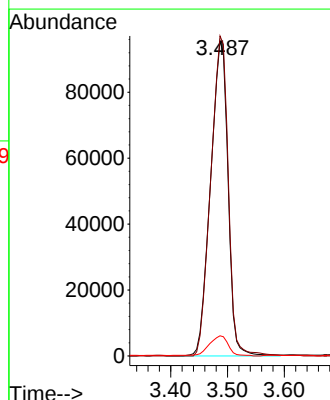
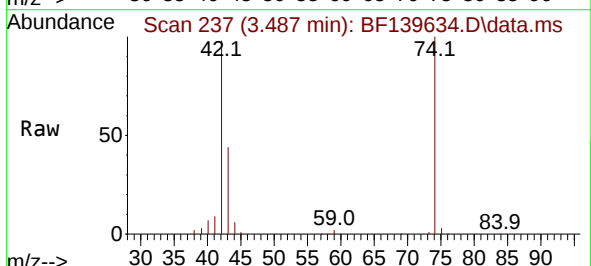
Delta R.T. 0.135 min

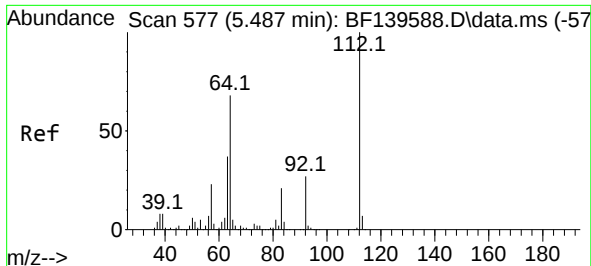
Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

Tgt Ion: 42 Resp: 203601

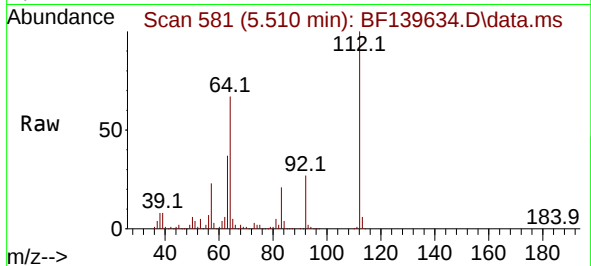
Ion	Ratio	Lower	Upper
42	100		
74	101.6	79.0	118.6
44	6.4	5.2	7.8





#5
2-Fluorophenol
Concen: 132.438 ng
RT: 5.510 min Scan# 577
Delta R.T. 0.023 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

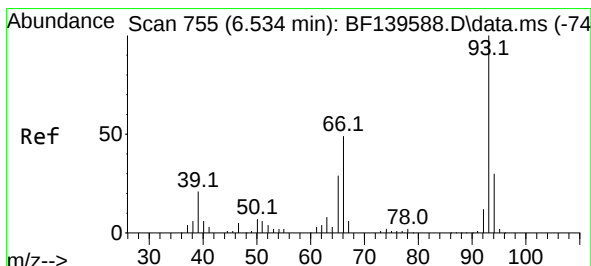
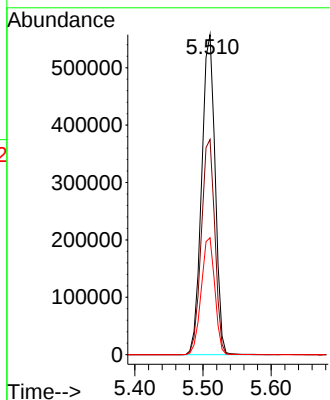
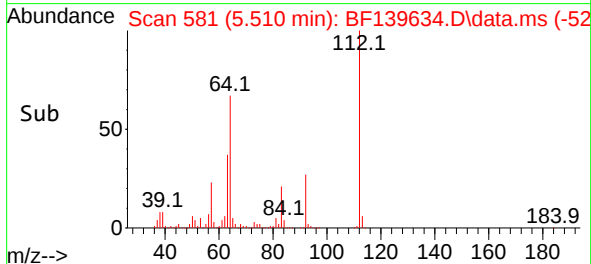
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:112 Resp: 767480
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 36.5 29.4 44.2

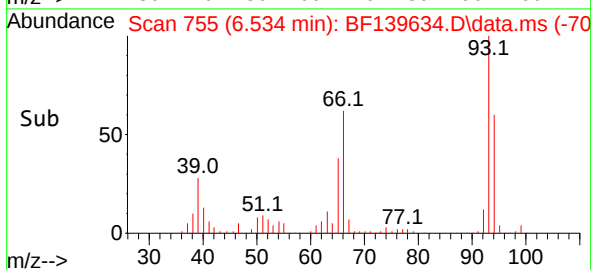
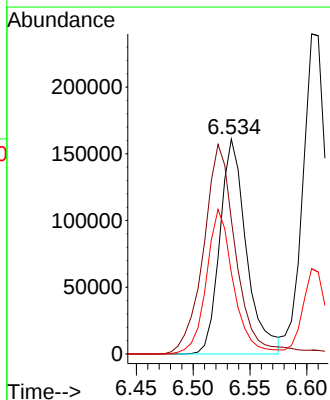
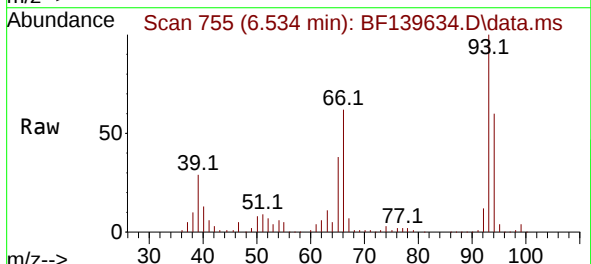
Manual Integrations
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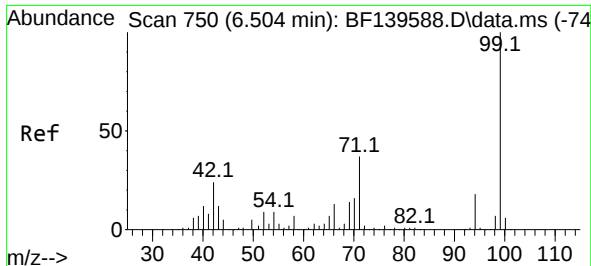
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#6
Aniline
Concen: 37.872 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

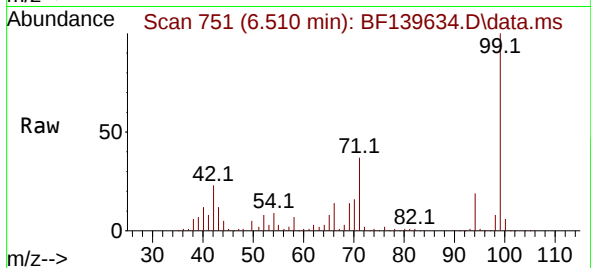
Tgt Ion: 93 Resp: 261897
Ion Ratio Lower Upper
93 100
66 62.5 40.9 61.3#
65 37.7 23.3 34.9#





#7
Phenol-d6
Concen: 120.960 ng
RT: 6.510 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

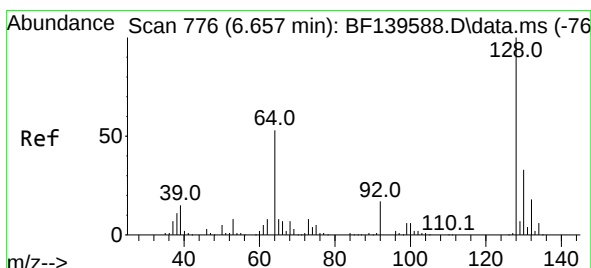
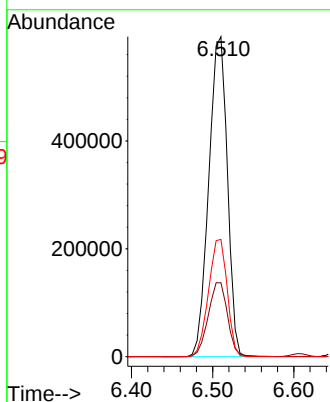
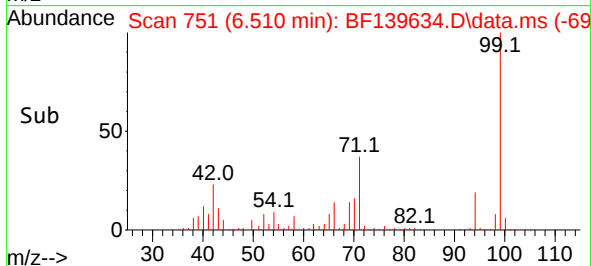
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion: 99 Resp: 942652
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 36.7 29.7 44.5

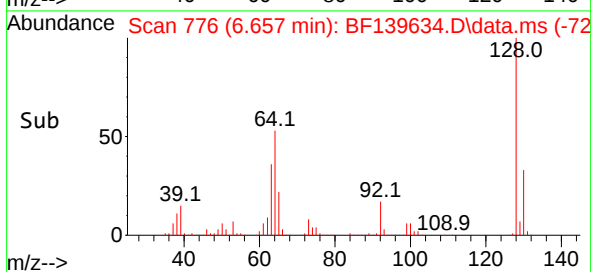
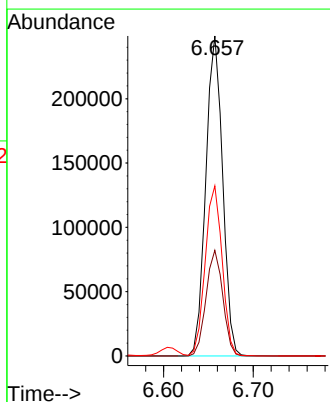
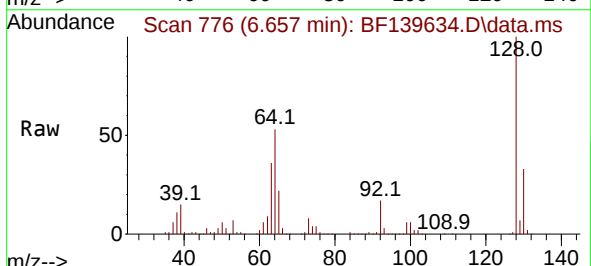
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#8
2-Chlorophenol
Concen: 52.173 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Tgt Ion:128 Resp: 323929
Ion Ratio Lower Upper
128 100
130 33.0 13.2 53.2
64 53.1 35.1 75.1





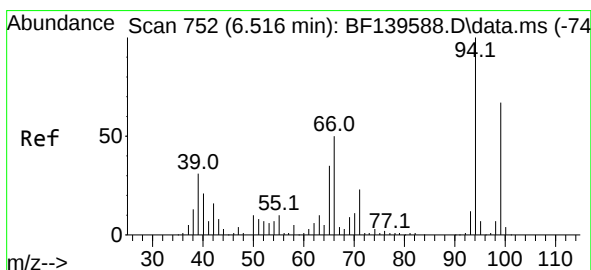
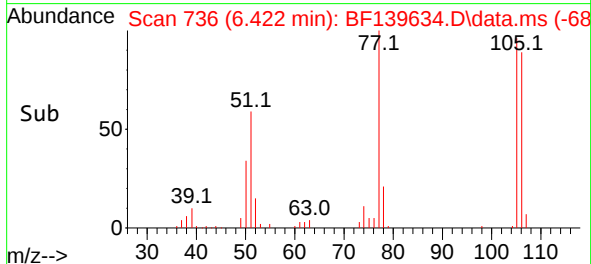
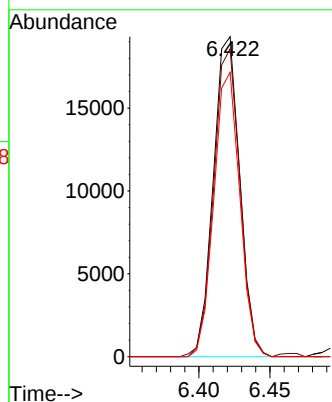
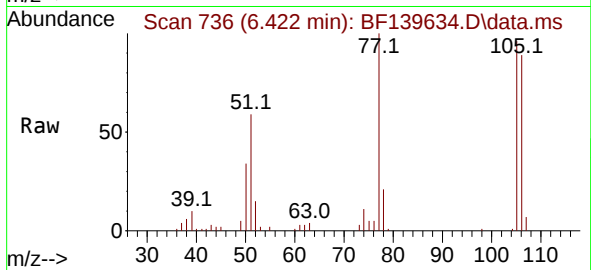
#9
Benzaldehyde
Concen: 6.022 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS

Tgt Ion: 77 Resp: 2485
Ion Ratio Lower Upper
77 100
105 96.2 72.7 112.7
106 88.9 70.1 110.1

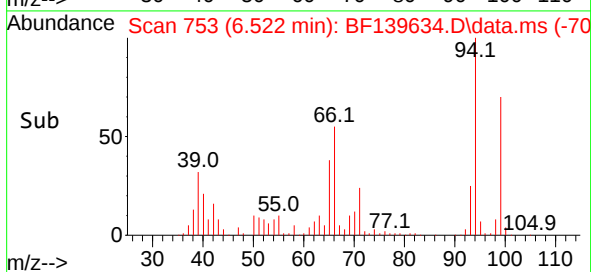
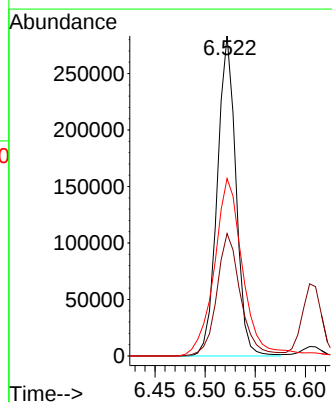
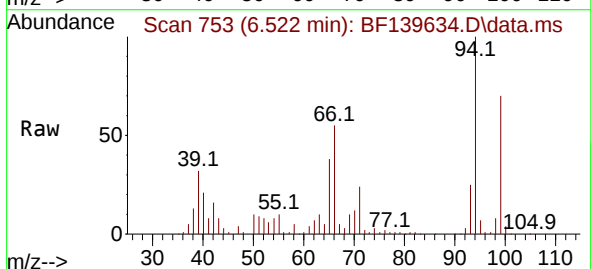
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#10
Phenol
Concen: 44.644 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Tgt Ion: 94 Resp: 365834
Ion Ratio Lower Upper
94 100
65 38.3 15.3 55.3
66 55.5 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 50.181 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS

Tgt Ion: 93 Resp: 334800

Ion Ratio Lower Upper

93 100

63 85.5 64.1 104.1

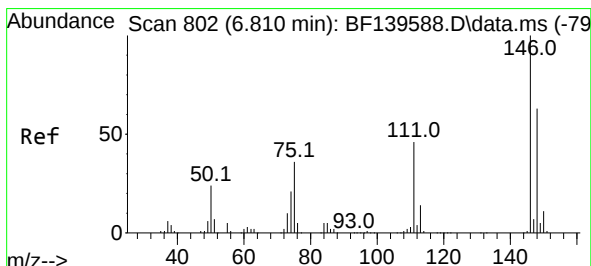
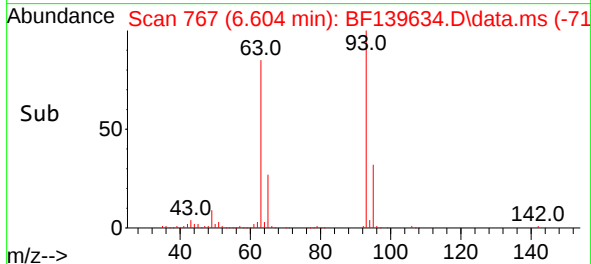
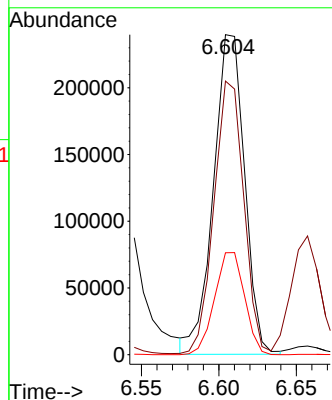
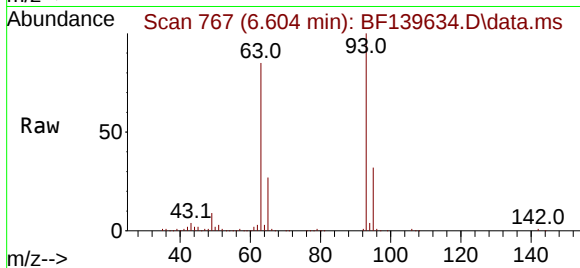
95 31.8 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#12

1,3-Dichlorobenzene

Concen: 48.406 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

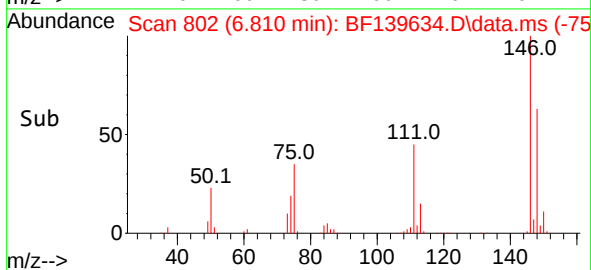
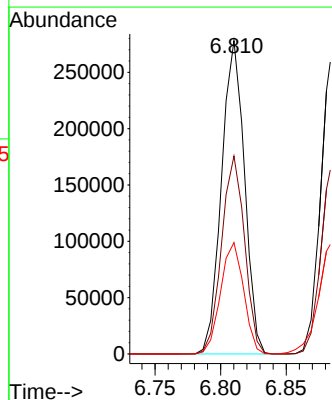
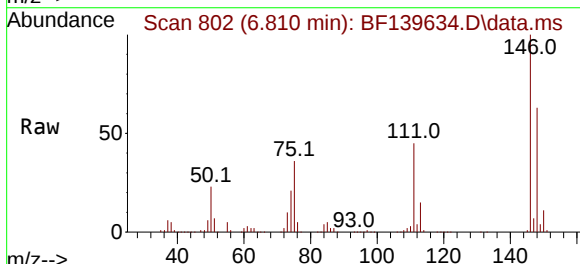
Tgt Ion:146 Resp: 338095

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.4

75 35.5 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 48.548 ng

RT: 6.887 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS

Tgt Ion:146 Resp: 34343

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

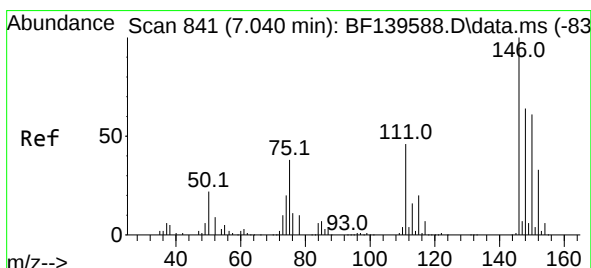
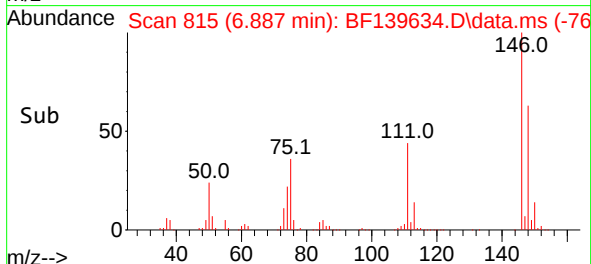
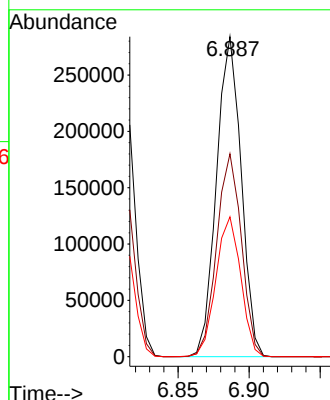
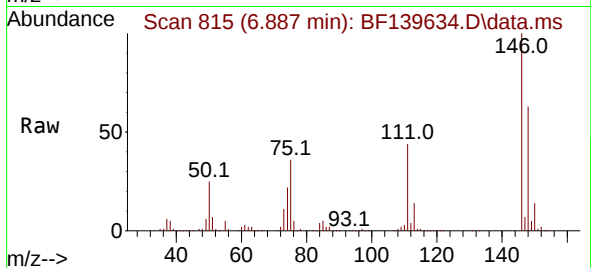
111 43.7 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#14

1,2-Dichlorobenzene

Concen: 49.582 ng

RT: 7.039 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

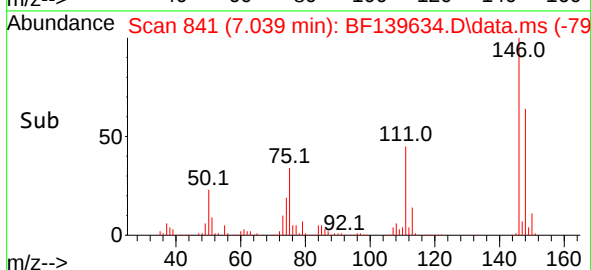
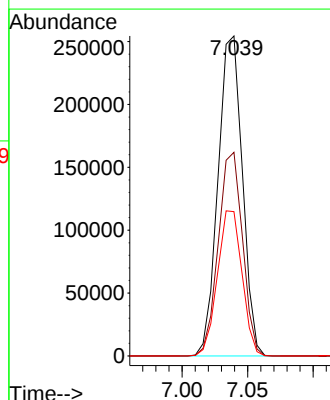
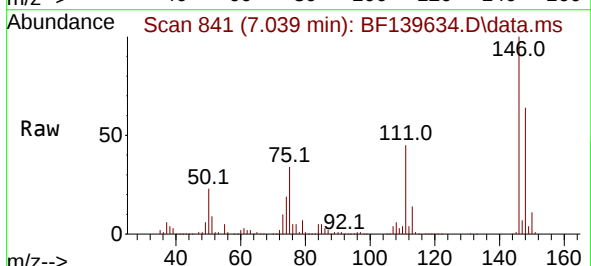
Tgt Ion:146 Resp: 328720

Ion Ratio Lower Upper

146 100

148 63.6 51.2 76.8

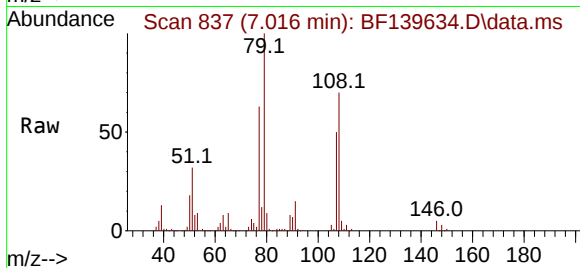
111 45.1 37.0 55.6





#15
Benzyl Alcohol
Concen: 53.758 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

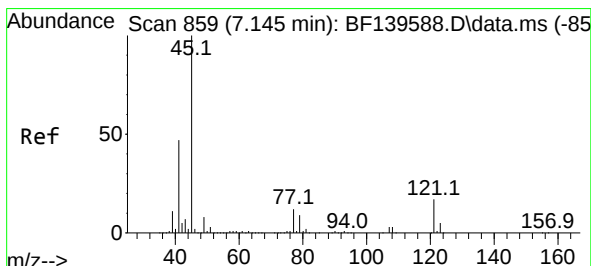
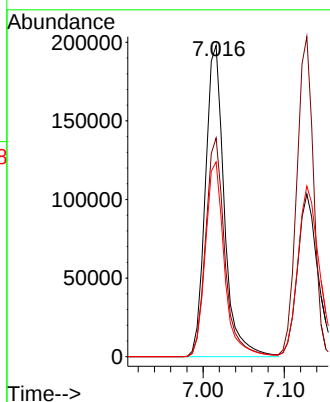
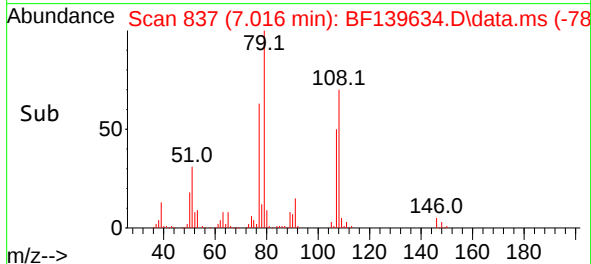
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



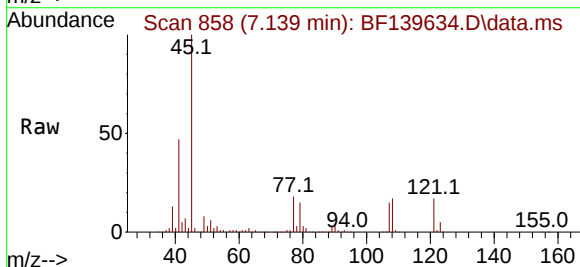
Tgt Ion: 79 Resp: 320098
Ion Ratio Lower Upper
79 100
108 70.3 55.1 82.7
77 62.6 50.8 76.2

Manual Integrations
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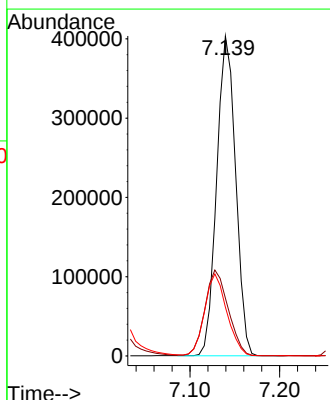
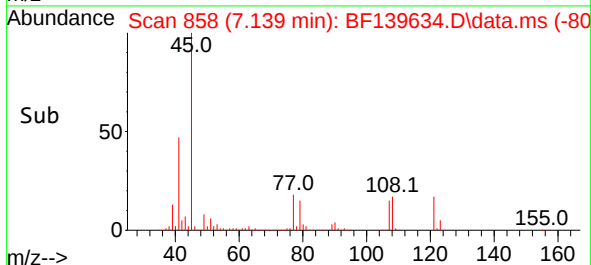
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

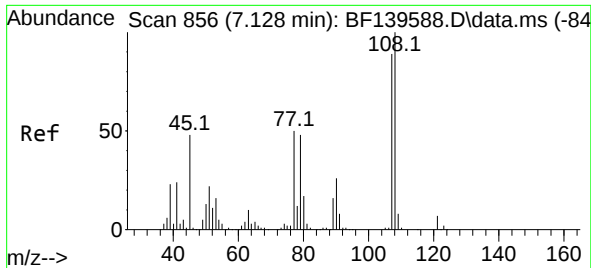


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.145 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



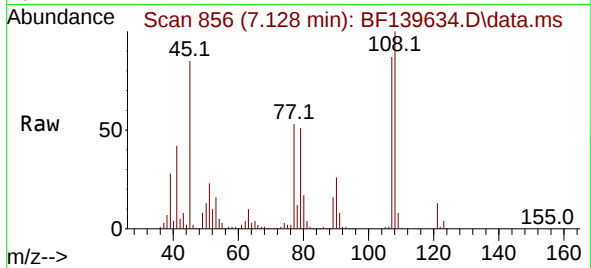
Tgt Ion: 45 Resp: 590740
Ion Ratio Lower Upper
45 100
77 18.0 0.0 32.5
79 15.2 0.0 29.7





#17
2-Methylphenol
Concen: 49.466 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

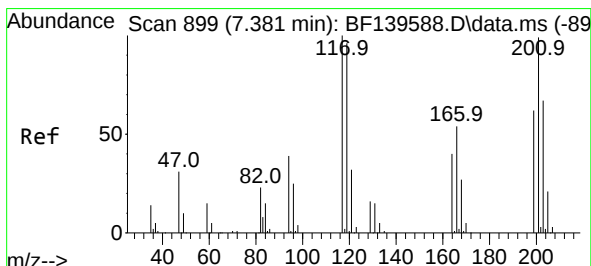
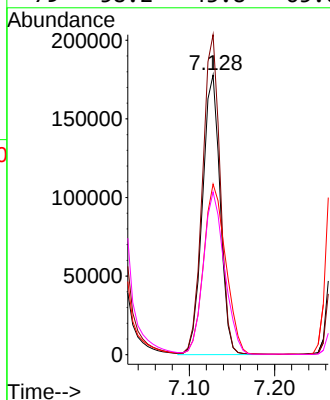
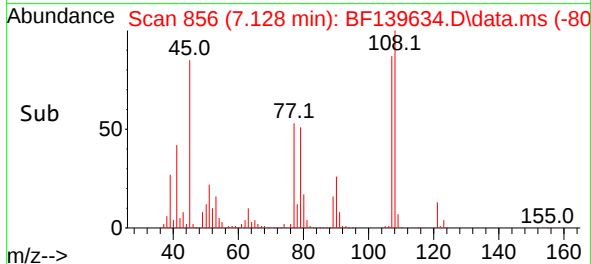
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:107 Resp: 25639
Ion Ratio Lower Upper
107 100
108 114.4 89.8 134.6
77 61.0 44.6 67.0
79 58.2 43.8 65.6

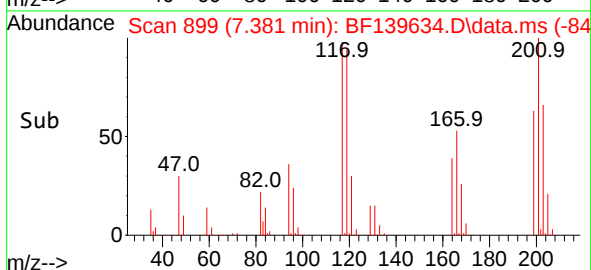
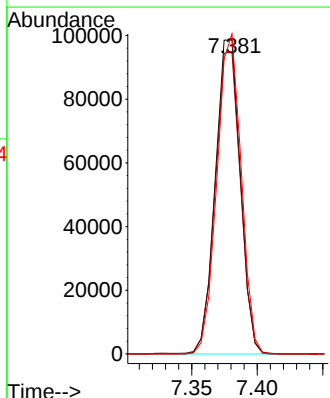
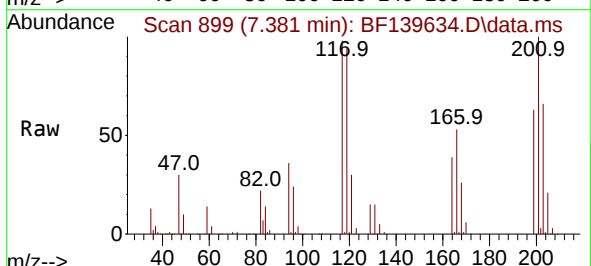
Manual Integrations
APPROVED

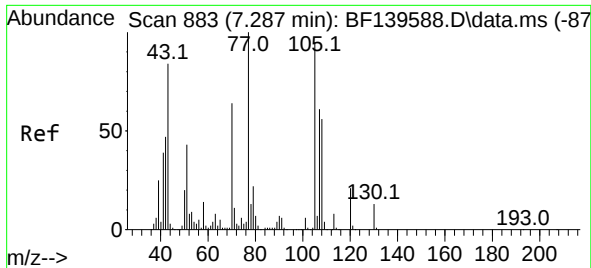
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#18
Hexachloroethane
Concen: 49.548 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

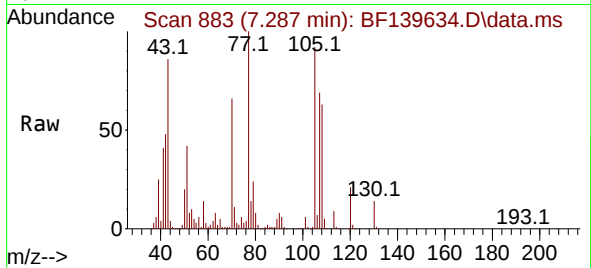
Tgt Ion:117 Resp: 130735
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.6
201 101.9 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 49.909 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

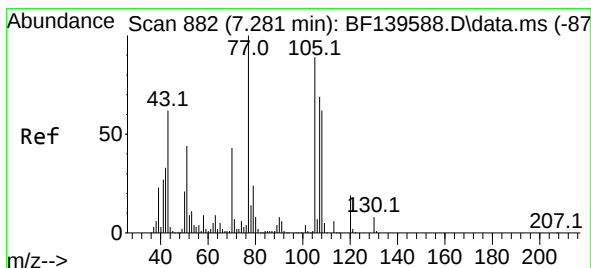
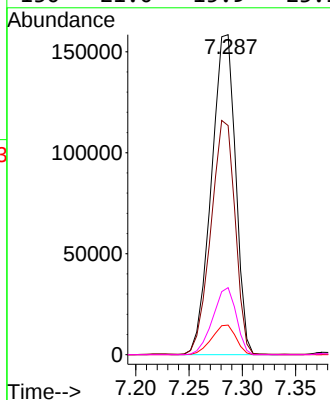
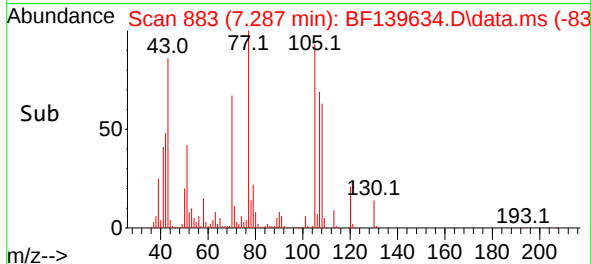
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



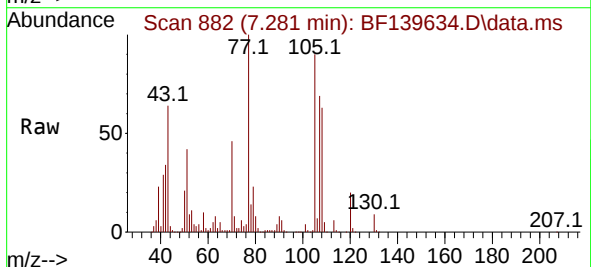
Tgt Ion: 70 Resp: 25005
Ion Ratio Lower Upper
70 100
42 71.6 58.0 87.0
101 9.3 7.8 11.8
130 21.0 15.9 23.9

Manual Integrations
APPROVED

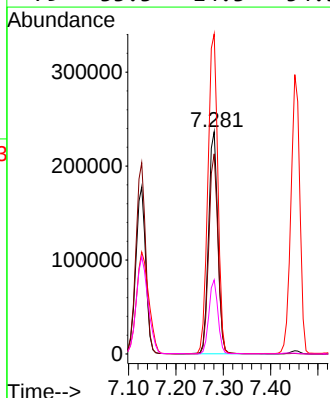
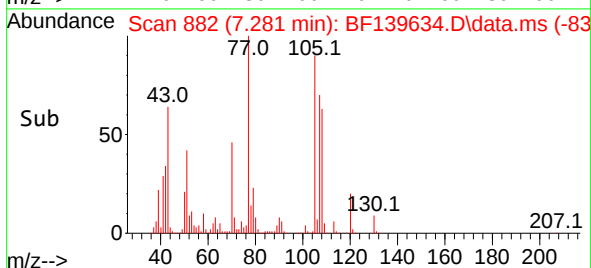
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

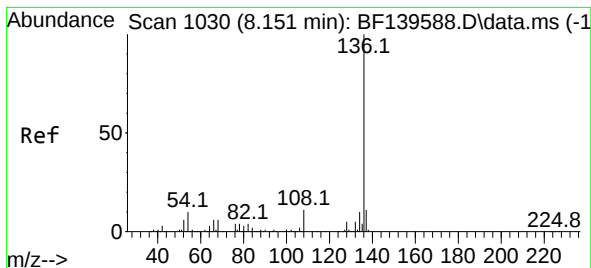


#20
3+4-Methylphenols
Concen: 49.227 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



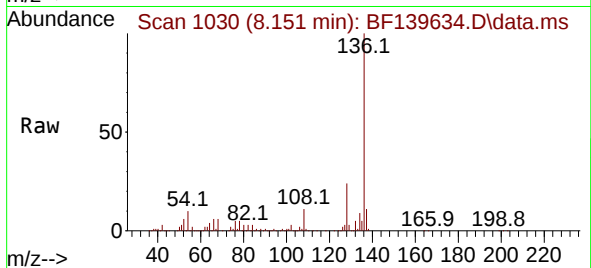
Tgt Ion:107 Resp: 320482
Ion Ratio Lower Upper
107 100
108 90.0 70.2 110.2
77 143.9 125.3 165.3
79 33.3 14.3 54.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

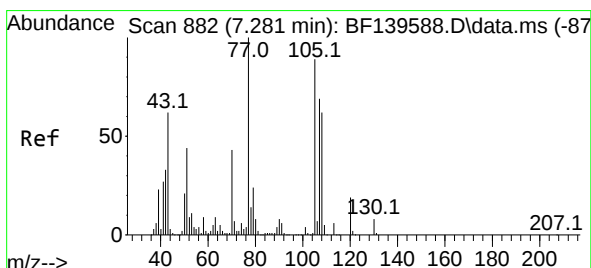
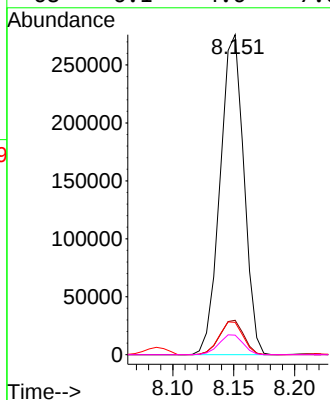
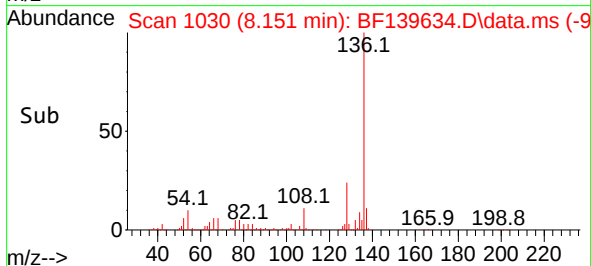
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



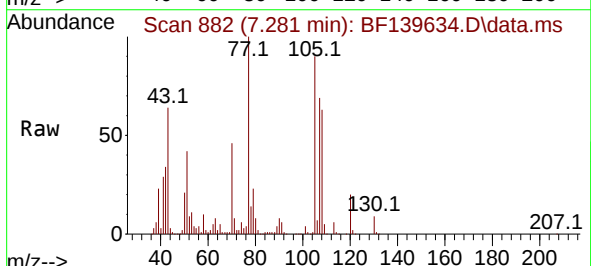
Tgt Ion:136 Resp: 374894
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.1 8.3 12.5
68 6.1 4.6 7.0

Manual Integrations
APPROVED

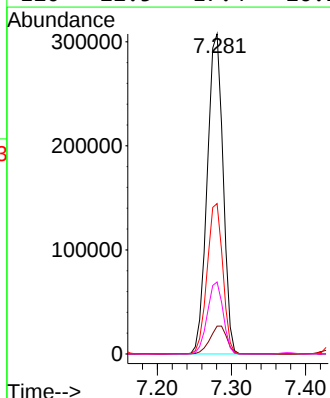
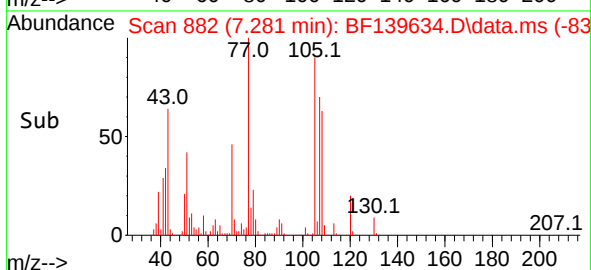
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

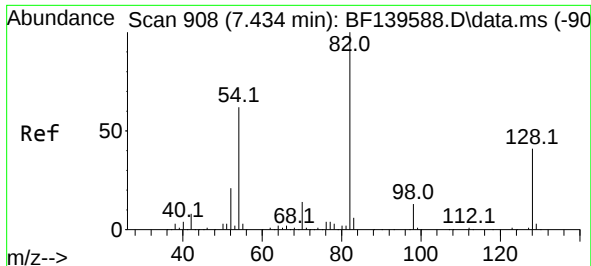


#22
Acetophenone
Concen: 51.251 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



Tgt Ion:105 Resp: 456077
Ion Ratio Lower Upper
105 100
71 8.7 6.6 10.0
51 47.0 39.4 59.0
120 22.5 17.4 26.2





#23

Nitrobenzene-d5

Concen: 99.219 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139634.D

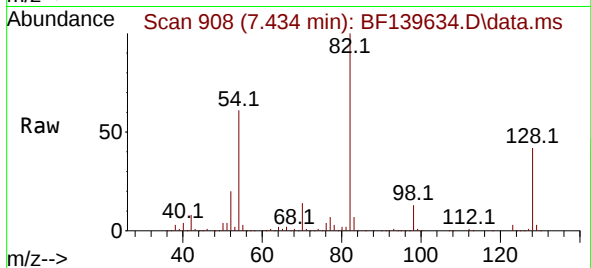
Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS



Tgt Ion: 82 Resp: 734669

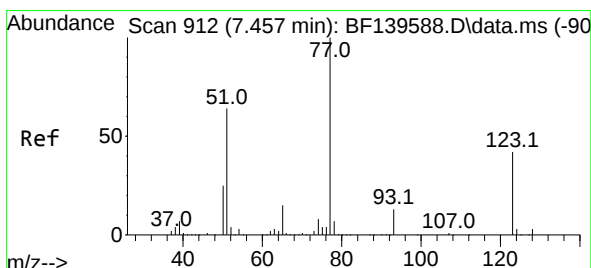
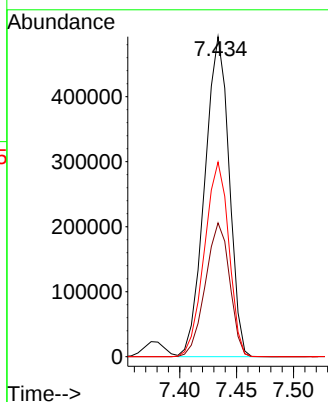
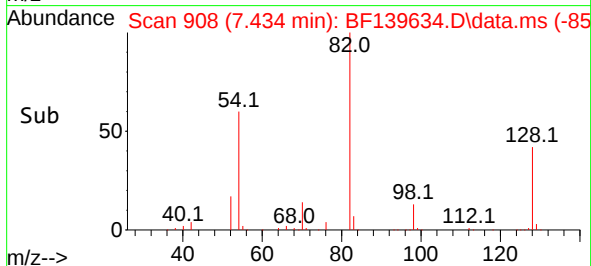
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.4	48.6
54	60.8	49.1	73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#24

Nitrobenzene

Concen: 50.618 ng

RT: 7.451 min Scan# 911

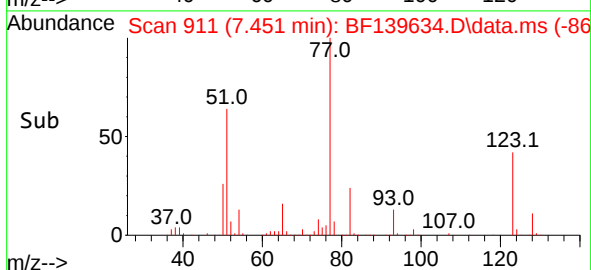
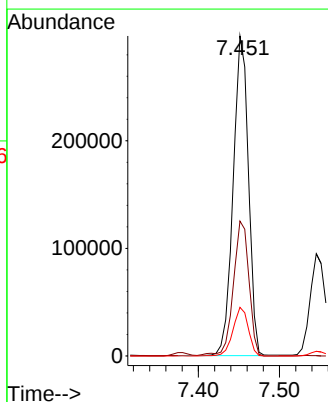
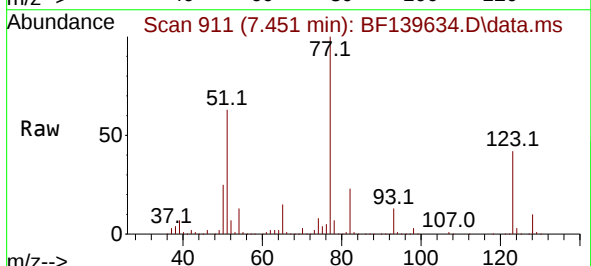
Delta R.T. -0.006 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

Tgt Ion: 77 Resp: 388105

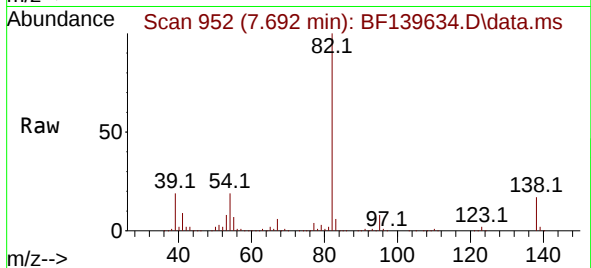
Ion	Ratio	Lower	Upper
77	100		
123	42.1	34.2	51.4
65	15.2	12.1	18.1





#25
Isophorone
Concen: 51.561 ng
RT: 7.692 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

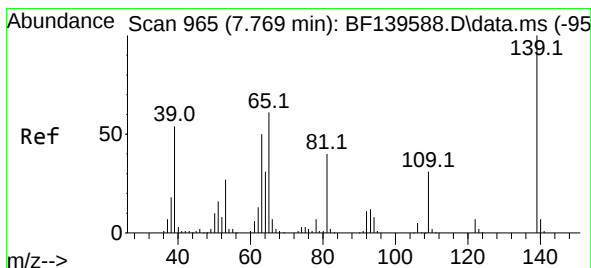
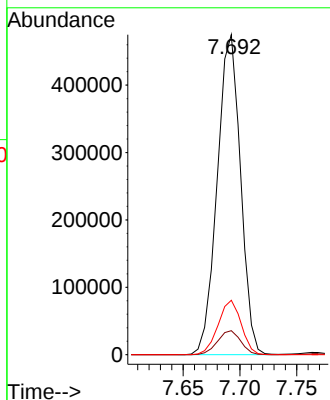
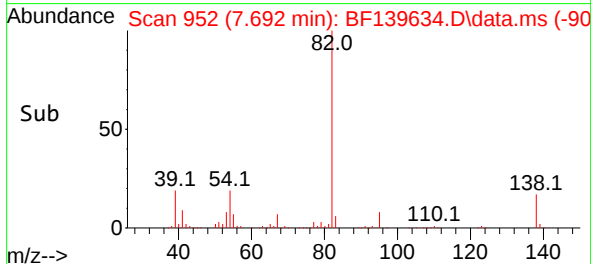
Instrument :
BNA_F
Client SampleId :
CONCRETE-WC-1MS



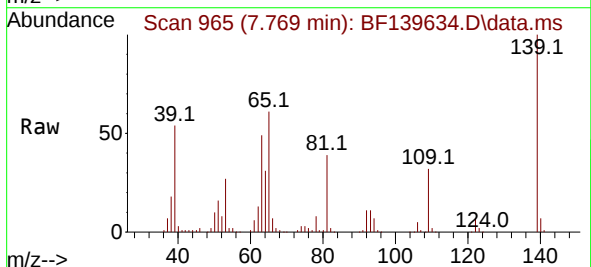
Tgt Ion: 82 Resp: 678098
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 17.0 13.4 20.2

Manual Integrations
APPROVED

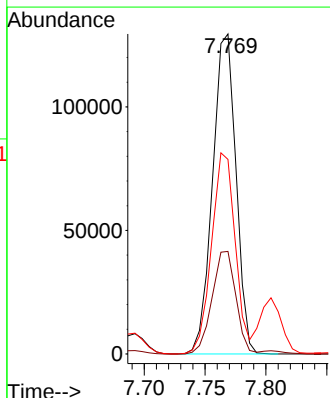
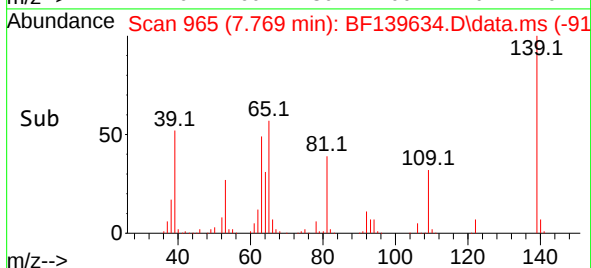
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

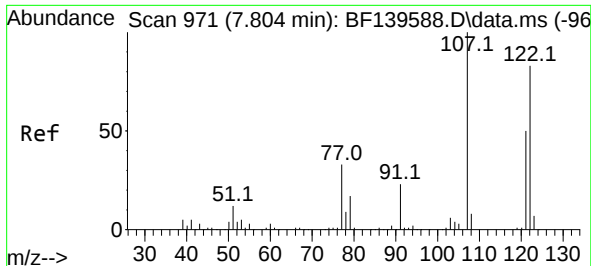


#26
2-Nitrophenol
Concen: 52.650 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



Tgt Ion:139 Resp: 173546
Ion Ratio Lower Upper
139 100
109 32.1 24.9 37.3
65 60.8 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 63.463 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139634.D

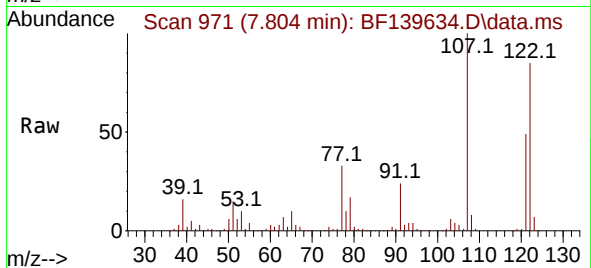
Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS



Tgt Ion:122 Resp: 256085

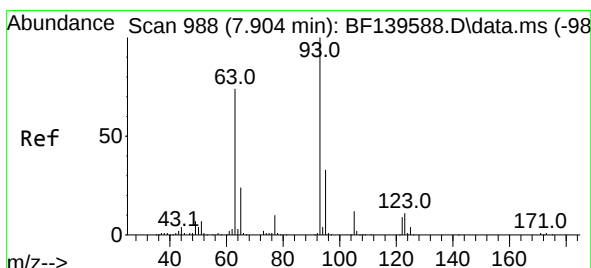
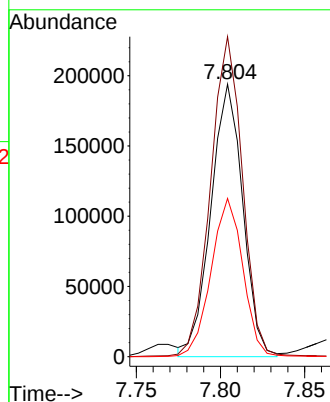
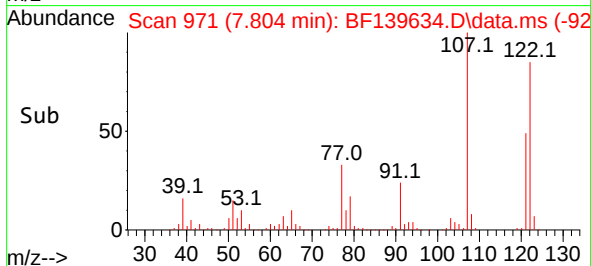
Ion	Ratio	Lower	Upper
122	100		
107	117.4	95.4	143.0
121	58.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#28

bis(2-Chloroethoxy)methane

Concen: 50.864 ng

RT: 7.898 min Scan# 987

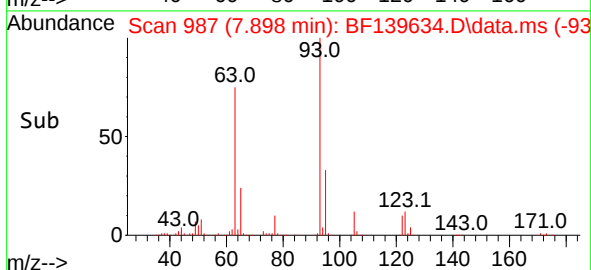
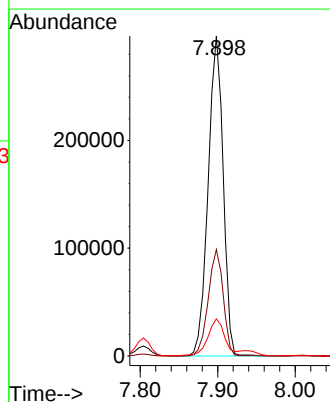
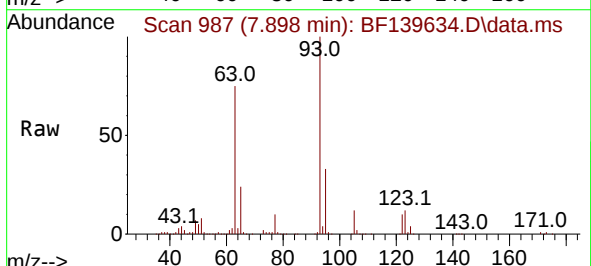
Delta R.T. -0.006 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

Tgt Ion: 93 Resp: 399448

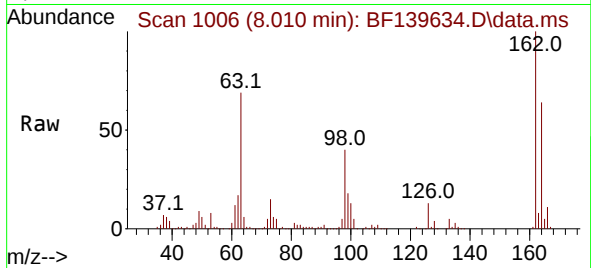
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	11.6	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 51.476 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

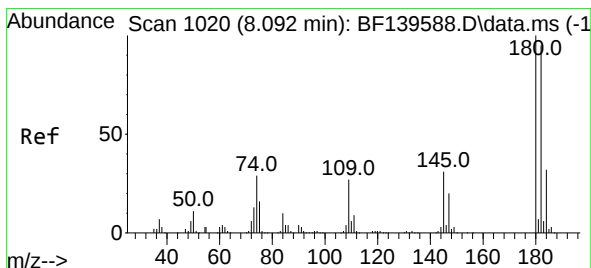
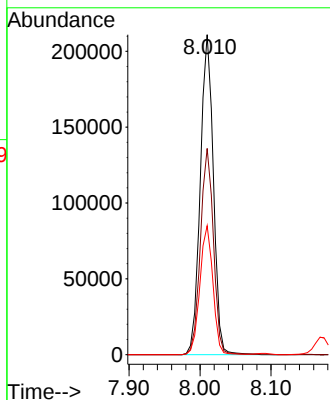
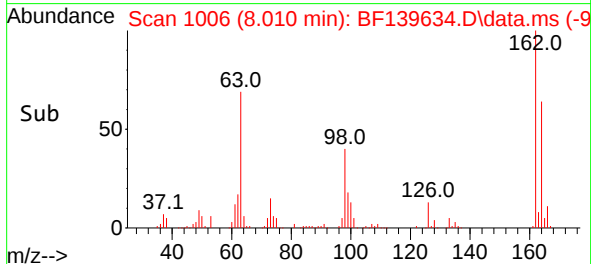
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



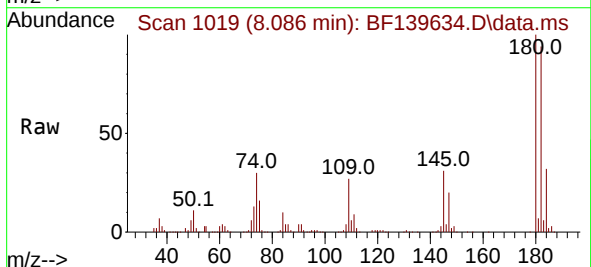
Tgt Ion:162 Resp: 27093
Ion Ratio Lower Upper
162 100
164 64.5 43.1 83.1
98 40.3 20.8 60.8

Manual Integrations
APPROVED

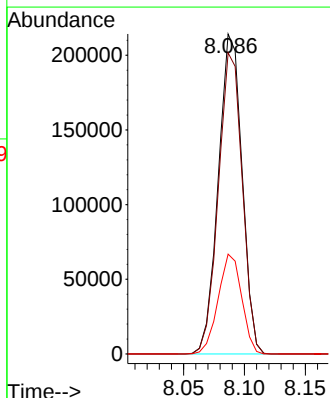
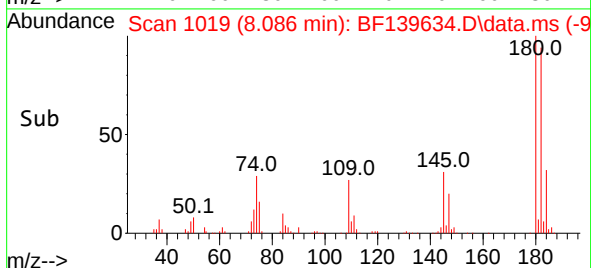
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

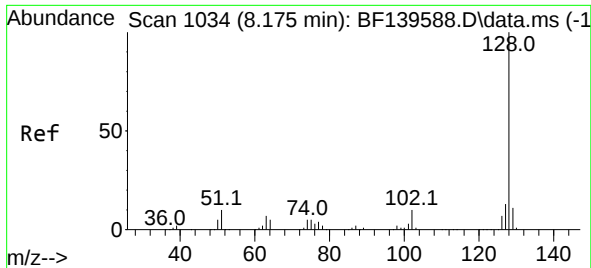


#30
1,2,4-Trichlorobenzene
Concen: 48.870 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



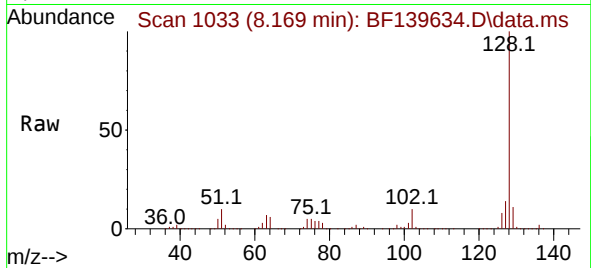
Tgt Ion:180 Resp: 290890
Ion Ratio Lower Upper
180 100
182 94.1 76.0 114.0
145 31.2 25.0 37.6





#31
Naphthalene
Concen: 50.378 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

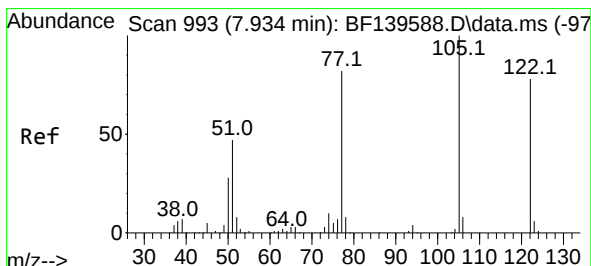
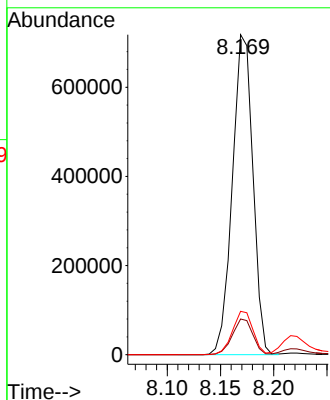
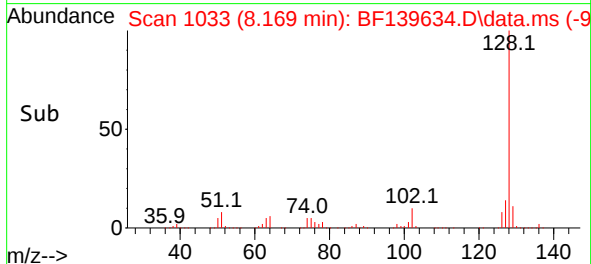
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



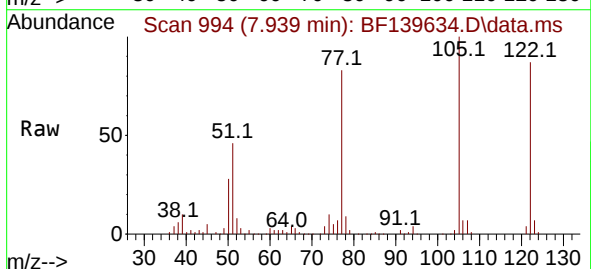
Tgt Ion:128 Resp: 96564
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.5 15.7

Manual Integrations
APPROVED

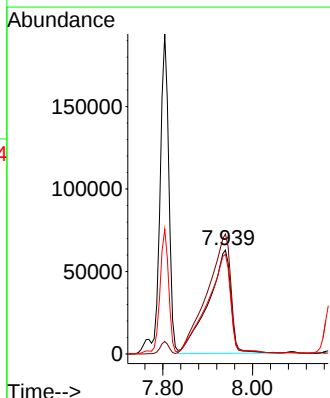
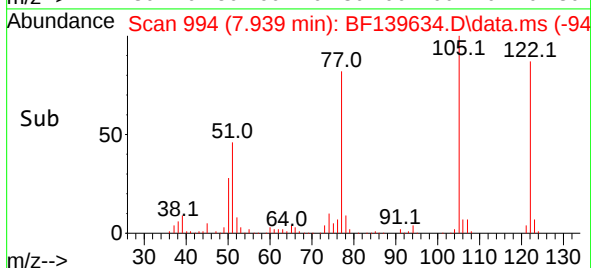
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#32
Benzoic acid
Concen: 54.494 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



Tgt Ion:122 Resp: 218652
Ion Ratio Lower Upper
122 100
105 115.5 104.9 144.9
77 96.0 82.7 122.7





#33
4-Chloroaniline
Concen: 13.982 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

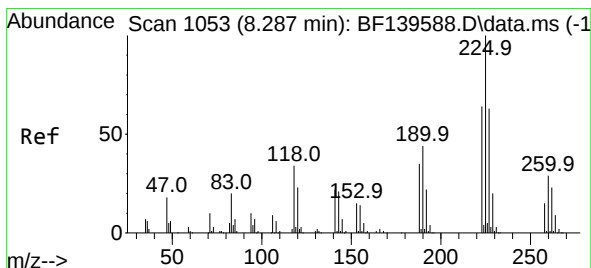
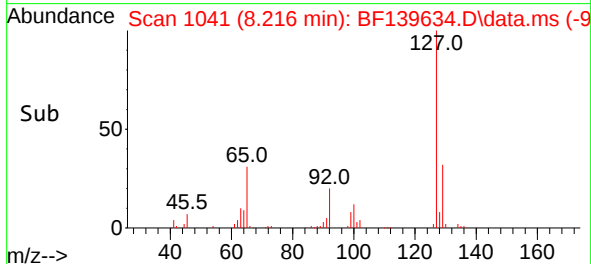
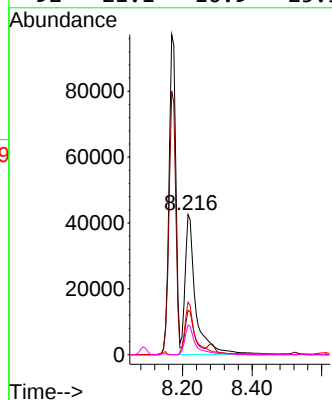
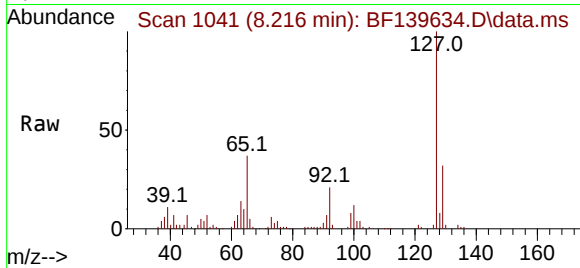
CONCRETE-WC-1MS

Tgt Ion:127 Resp: 90710
Ion Ratio Lower Upper
127 100
129 31.7 26.2 39.4
65 37.4 29.3 43.9
92 21.1 16.9 25.3

Manual Integrations

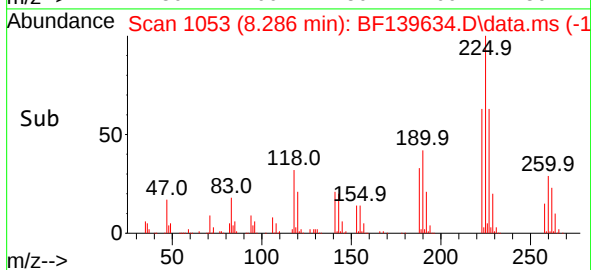
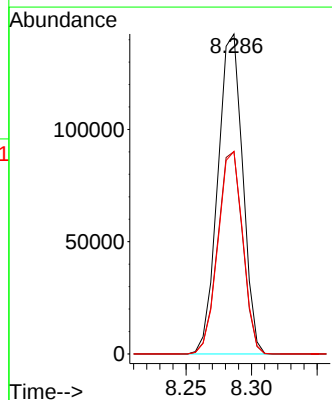
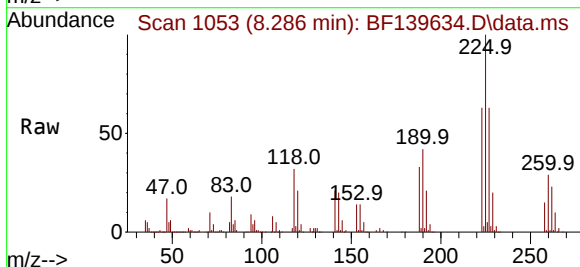
APPROVED

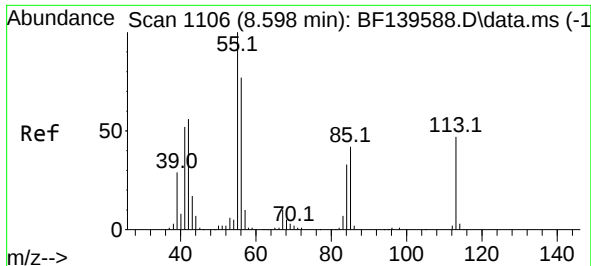
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#34
Hexachlorobutadiene
Concen: 48.767 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

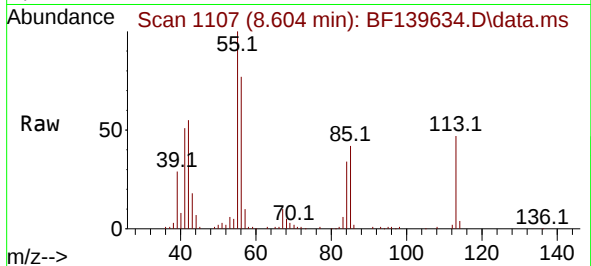
Tgt Ion:225 Resp: 187848
Ion Ratio Lower Upper
225 100
223 63.3 50.9 76.3
227 63.3 50.7 76.1





#35
 Caprolactam
 Concen: 43.758 ng m
 RT: 8.604 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF139634.D
 Acq: 03 Oct 2024 16:33

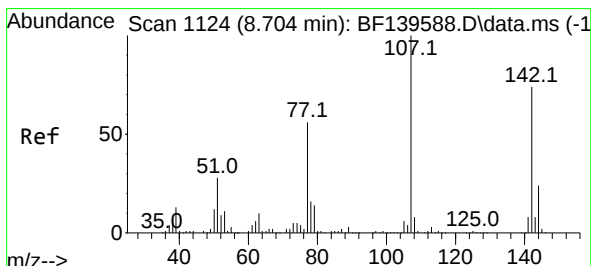
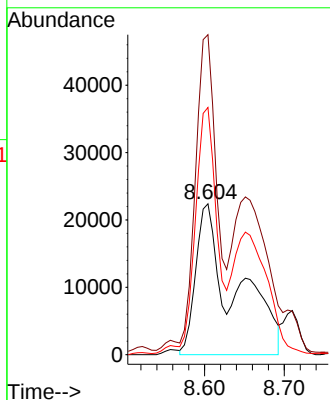
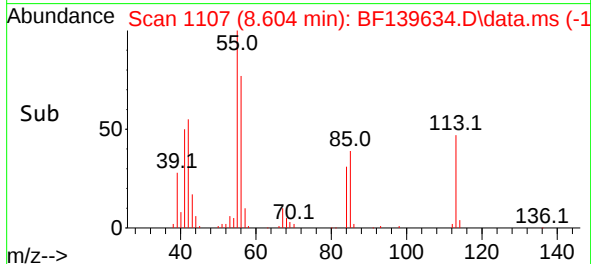
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WC-1MS



Tgt Ion:113 Resp: 75540
 Ion Ratio Lower Upper
 113 100
 55 212.1 193.4 233.4
 56 163.9 143.8 183.8

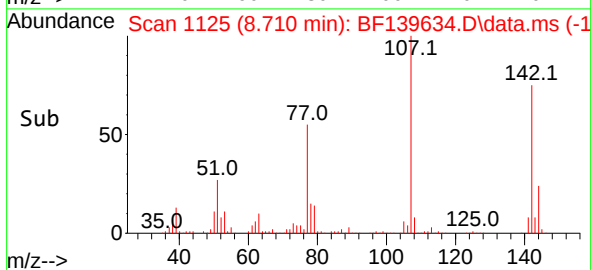
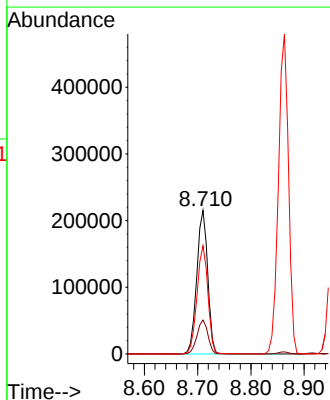
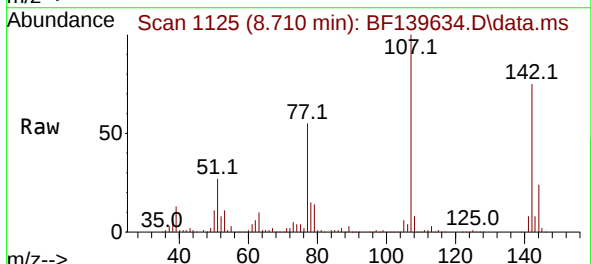
Manual Integrations
 APPROVED

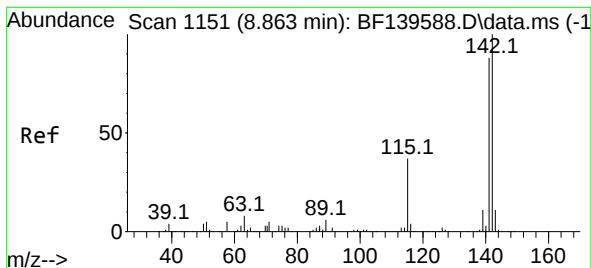
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024



#36
 4-Chloro-3-methylphenol
 Concen: 51.475 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139634.D
 Acq: 03 Oct 2024 16:33

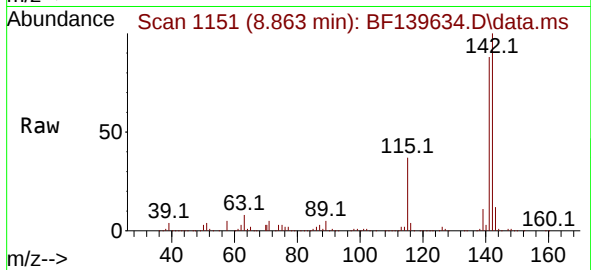
Tgt Ion:107 Resp: 306692
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.0 28.6
 142 75.3 59.2 88.8





#37
2-Methylnaphthalene
Concen: 50.372 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

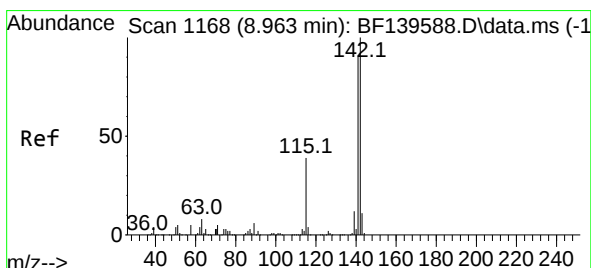
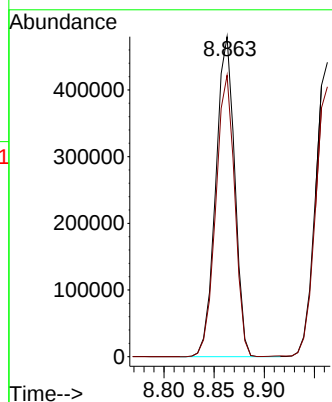
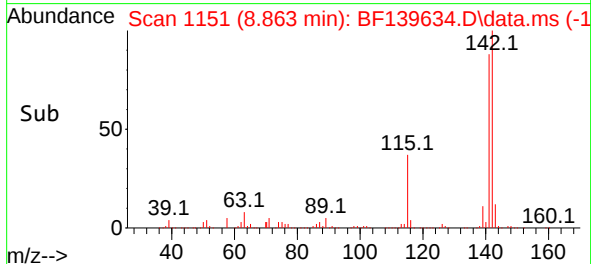
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:142 Resp: 62884
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6

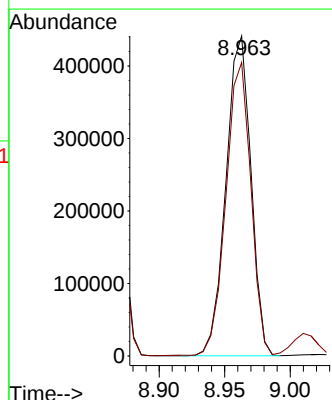
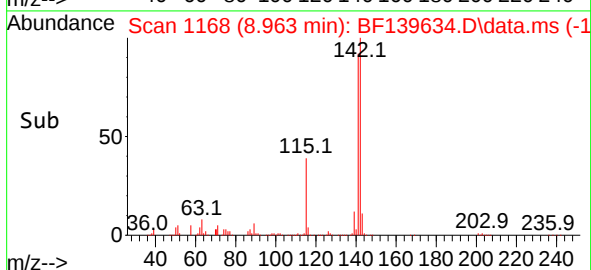
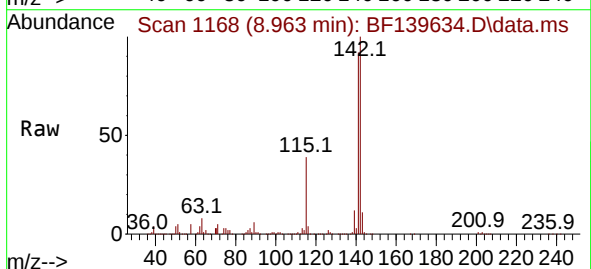
Manual Integrations
APPROVED

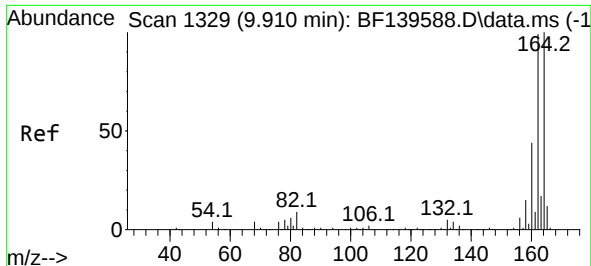
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#38
1-Methylnaphthalene
Concen: 47.935 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

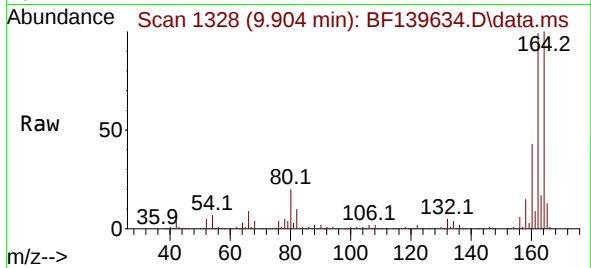
Tgt Ion:142 Resp: 584936
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

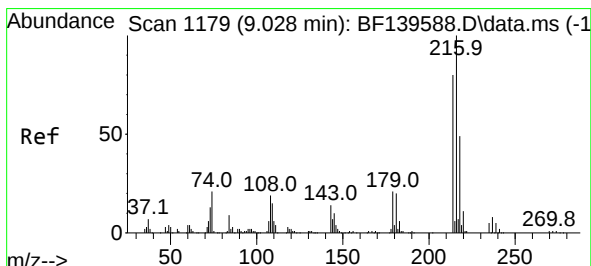
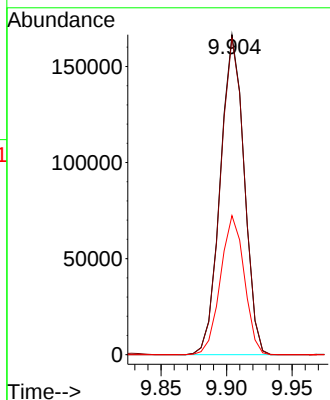
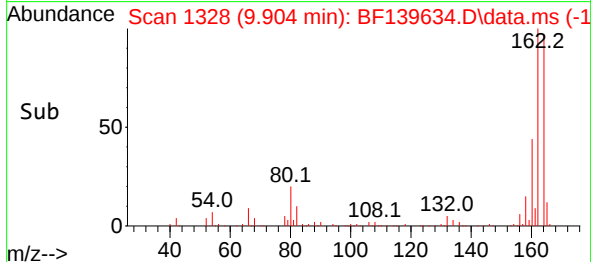
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:164 Resp: 21012
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 43.4 35.1 52.7

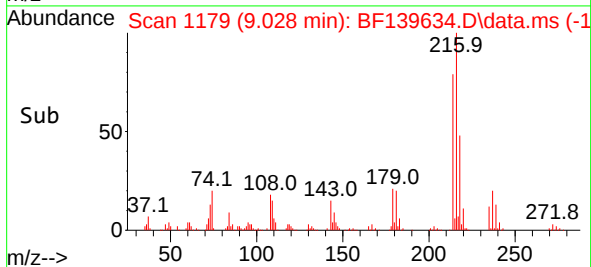
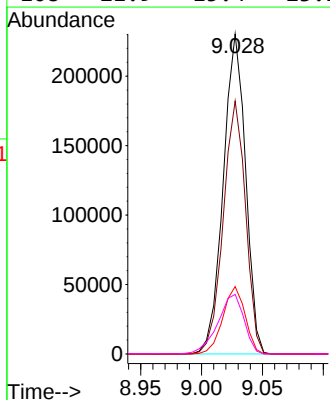
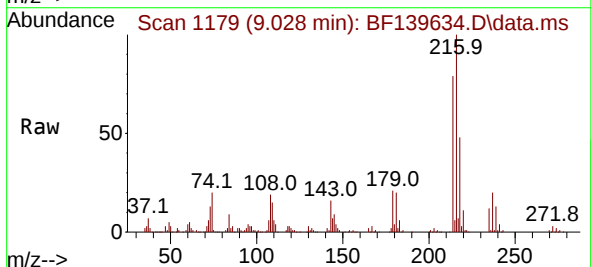
Manual Integrations
APPROVED

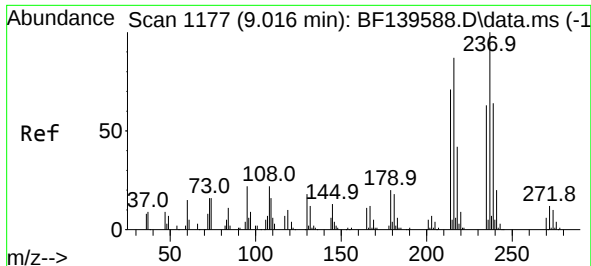
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.444 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

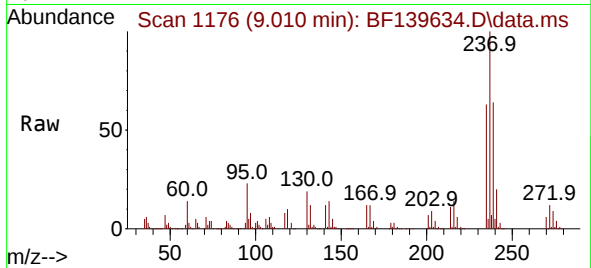
Tgt Ion:216 Resp: 294337
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 21.0 16.9 25.3
108 21.9 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 193.925 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

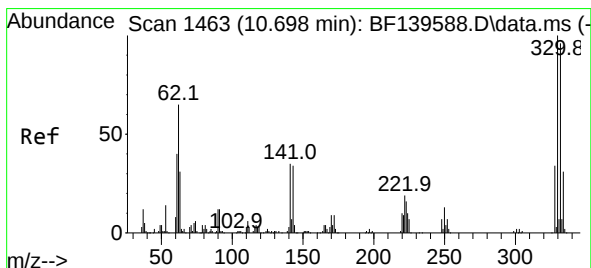
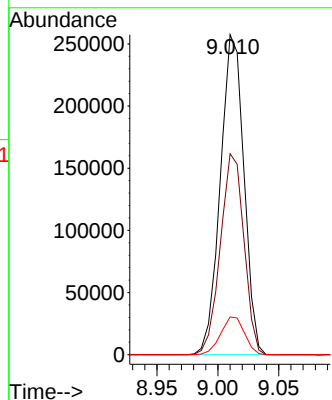
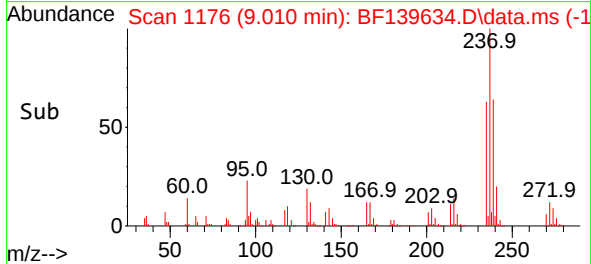
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:237 Resp: 346959
Ion Ratio Lower Upper
237 100
235 62.8 42.5 82.5
272 11.8 0.0 32.1

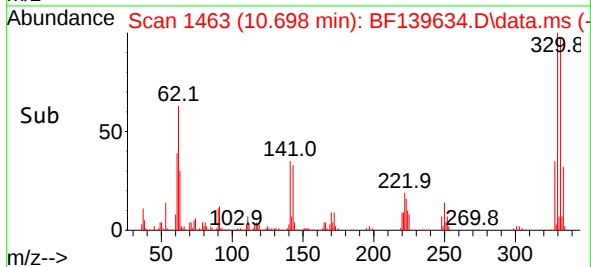
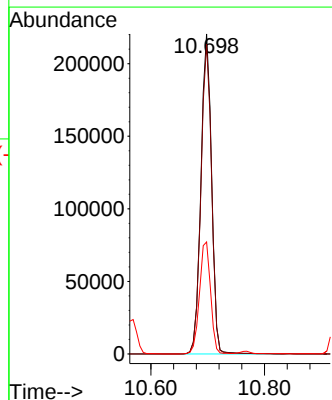
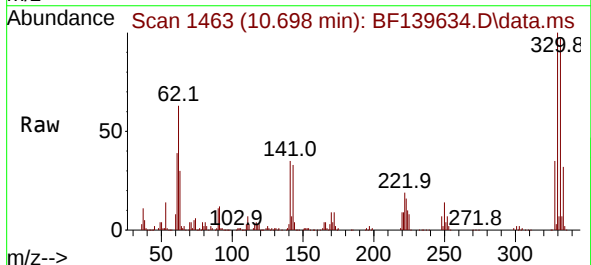
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#42
2,4,6-Tribromophenol
Concen: 141.854 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Tgt Ion:330 Resp: 287742
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 36.5 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 51.791 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF139634.D

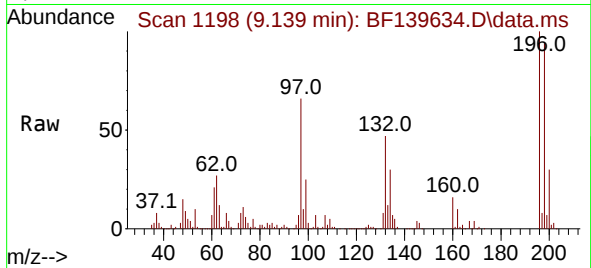
Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS



Tgt Ion:196 Resp: 20372

Ion Ratio Lower Upper

196 100

198 94.5 75.2 112.8

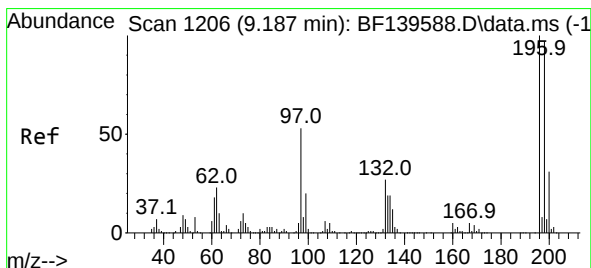
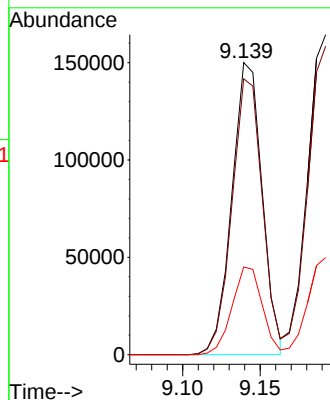
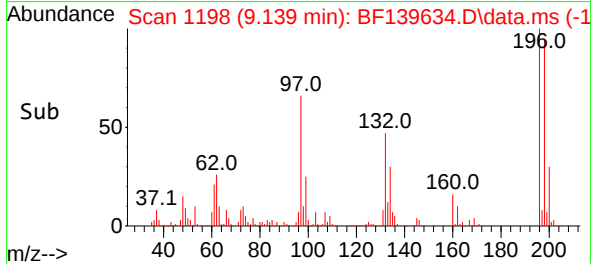
200 30.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#44

2,4,5-Trichlorophenol

Concen: 51.564 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

Tgt Ion:196 Resp: 218730

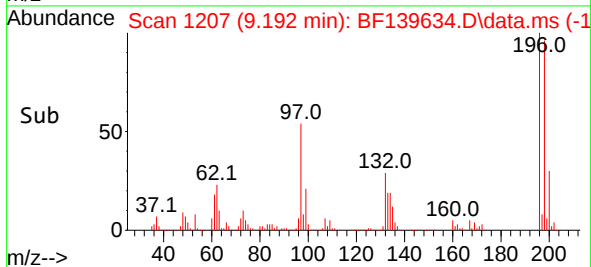
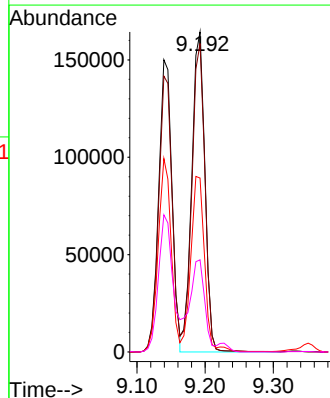
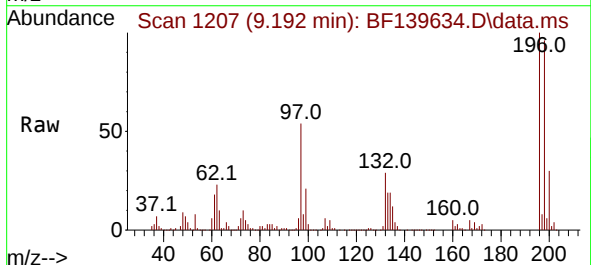
Ion Ratio Lower Upper

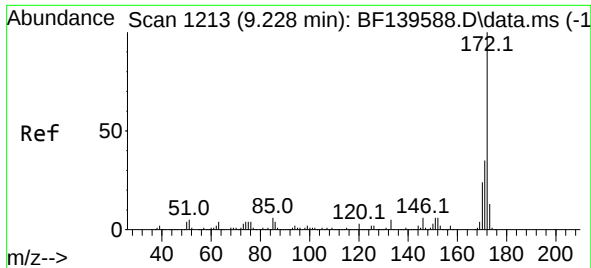
196 100

198 96.4 77.5 116.3

97 54.3 43.1 64.7

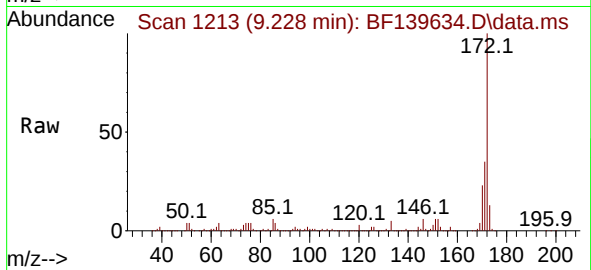
132 28.8 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 94.200 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

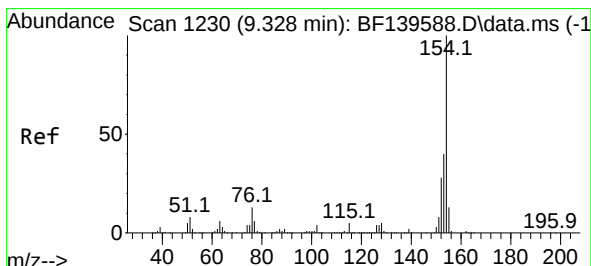
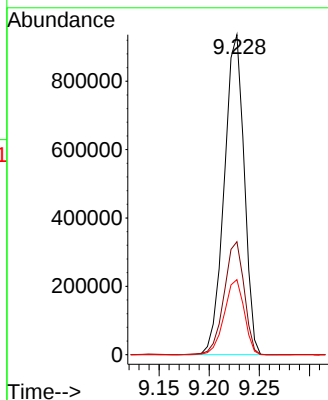
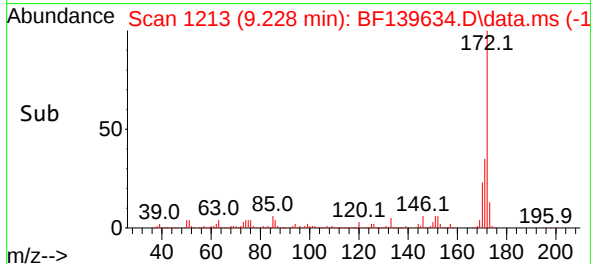
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



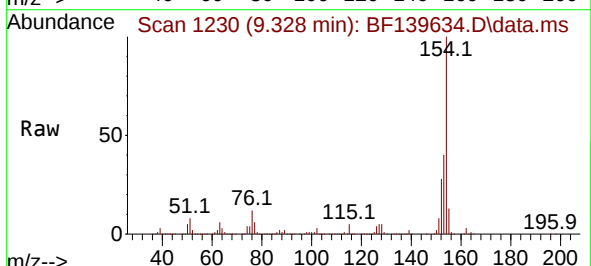
Tgt Ion:172 Resp: 128934
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.4 18.8 28.2

Manual Integrations
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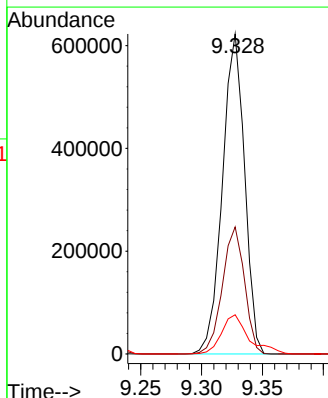
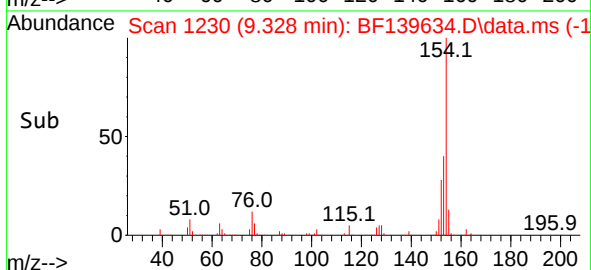
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

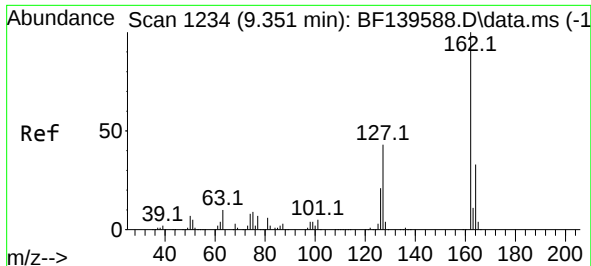


#46
1,1'-Biphenyl
Concen: 50.413 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



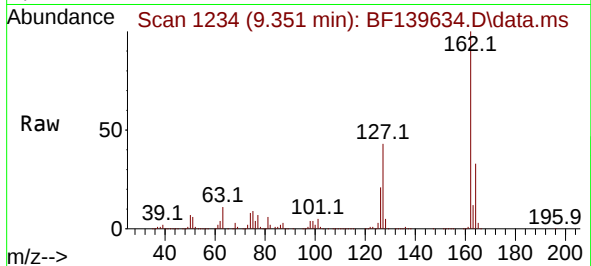
Tgt Ion:154 Resp: 787884
Ion Ratio Lower Upper
154 100
153 39.7 20.1 60.1
76 12.3 0.0 32.6





#47
2-Chloronaphthalene
Concen: 50.247 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

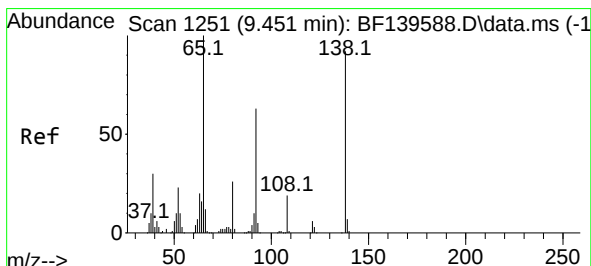
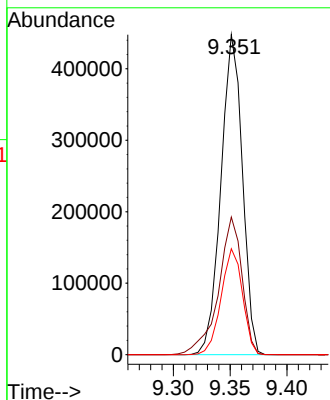
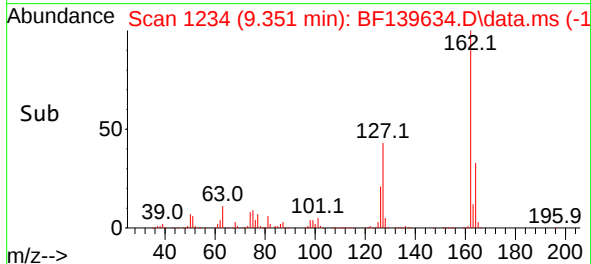
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:162 Resp: 58870
Ion Ratio Lower Upper
162 100
127 43.0 35.0 52.4
164 33.1 26.1 39.1

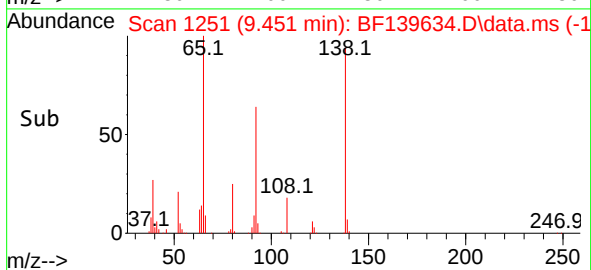
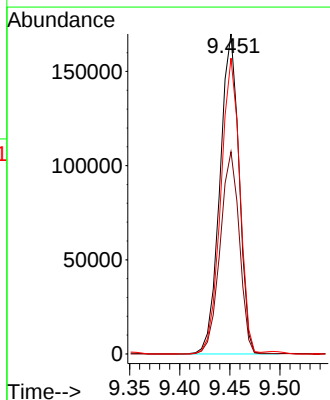
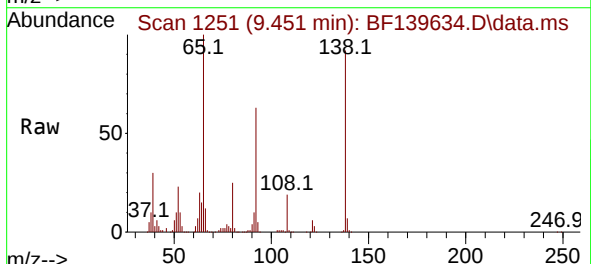
Manual Integrations
APPROVED

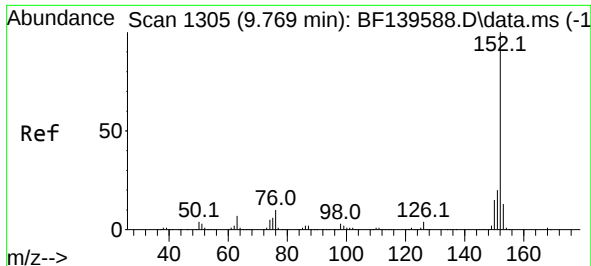
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#48
2-Nitroaniline
Concen: 53.576 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Tgt Ion: 65 Resp: 225333
Ion Ratio Lower Upper
65 100
92 63.2 50.0 75.0
138 92.4 73.8 110.8





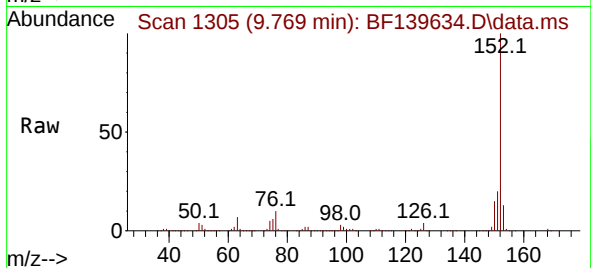
#49
Acenaphthylene
Concen: 54.288 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS



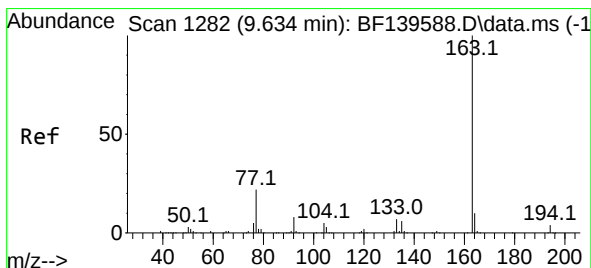
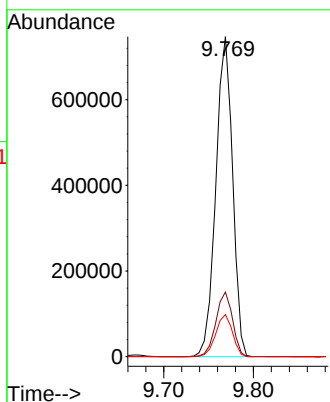
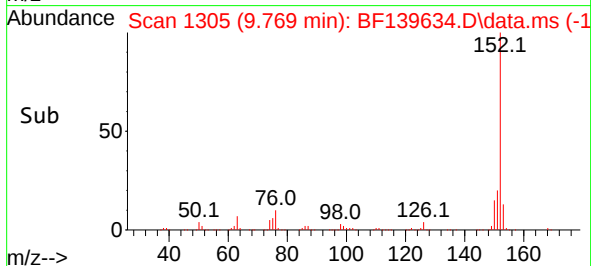
Tgt Ion:152 Resp: 96729
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.2 10.5 15.7

Manual Integrations

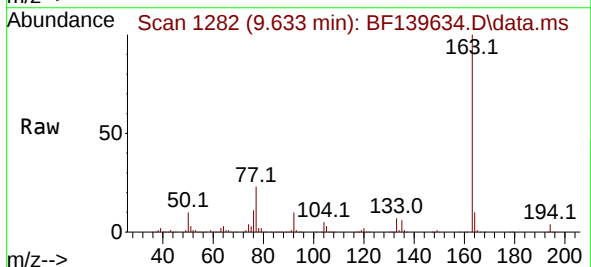
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

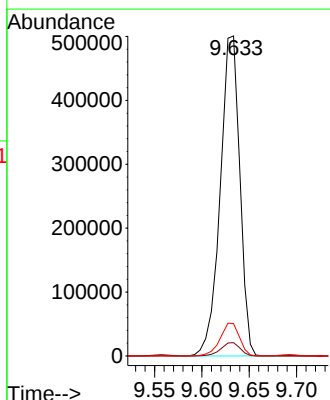
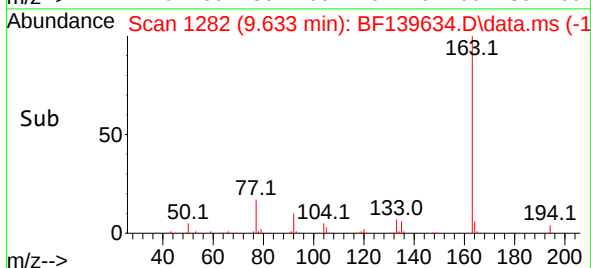
Supervised By :mohammad ahmed 10/05/2024



#50
Dimethylphthalate
Concen: 52.497 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



Tgt Ion:163 Resp: 722103
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.1 12.1





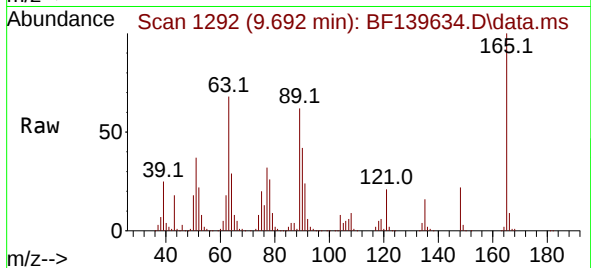
#51
2,6-Dinitrotoluene
Concen: 51.203 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS



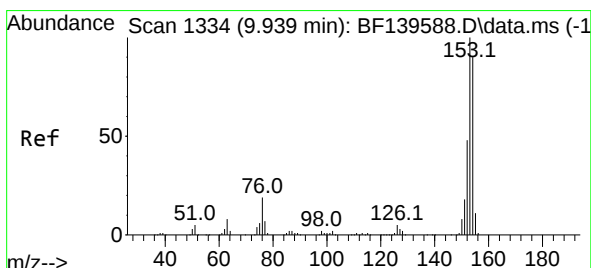
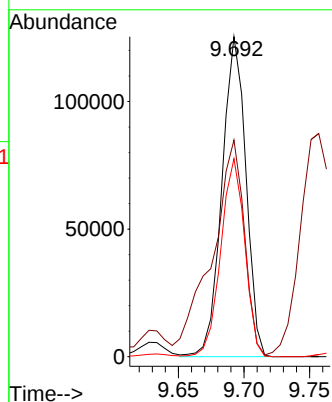
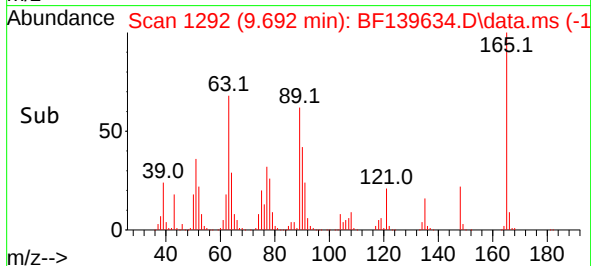
Tgt Ion:165 Resp: 159098
Ion Ratio Lower Upper
165 100
63 67.7 56.7 85.1
89 61.9 51.6 77.4

Manual Integrations

APPROVED

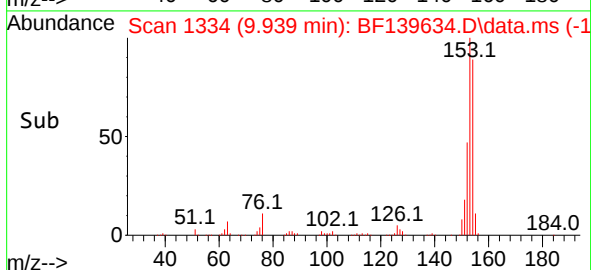
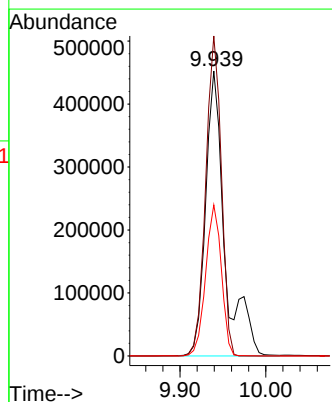
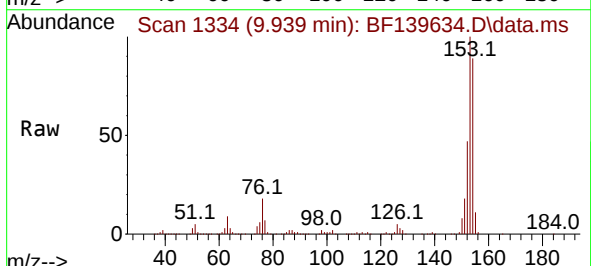
Reviewed By :Yogesh Patel 10/04/2024

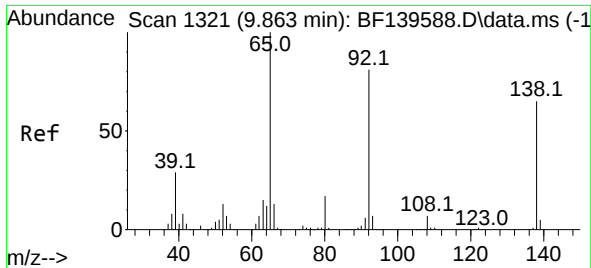
Supervised By :mohammad ahmed 10/05/2024



#52
Acenaphthene
Concen: 57.616 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

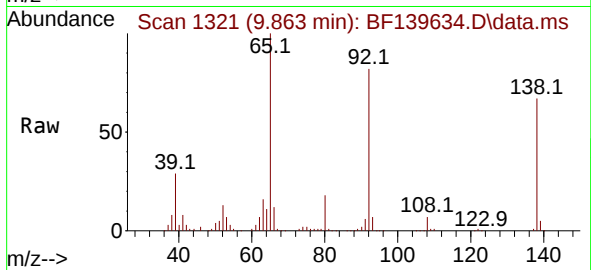
Tgt Ion:154 Resp: 704761
Ion Ratio Lower Upper
154 100
153 112.3 88.8 133.2
152 53.0 42.5 63.7





#53
3-Nitroaniline
Concen: 32.997 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

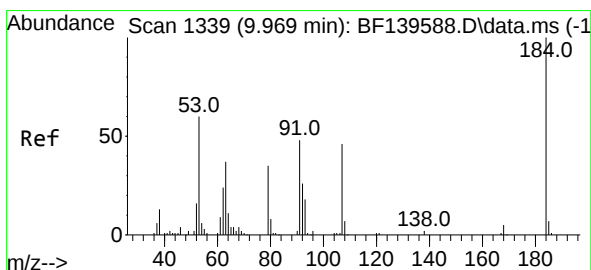
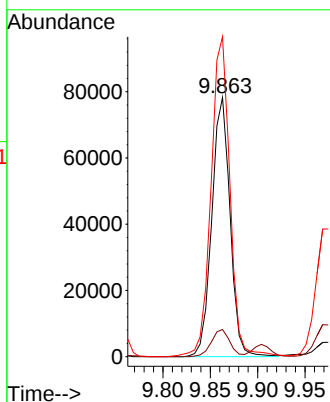
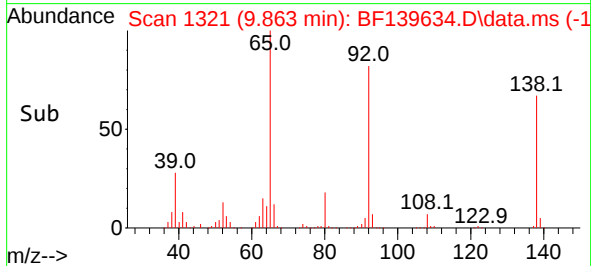
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:138 Resp: 10477
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 123.4 100.0 150.0

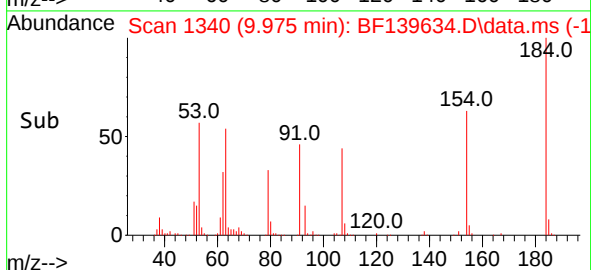
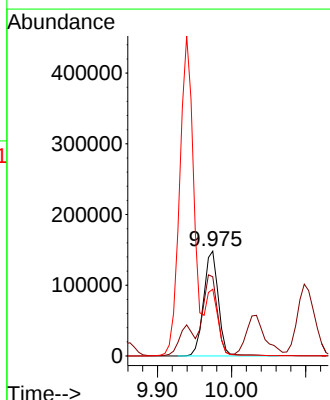
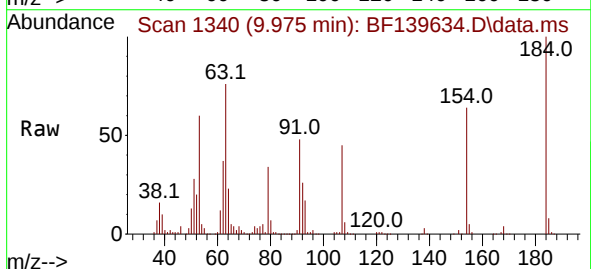
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#54
2,4-Dinitrophenol
Concen: 123.113 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

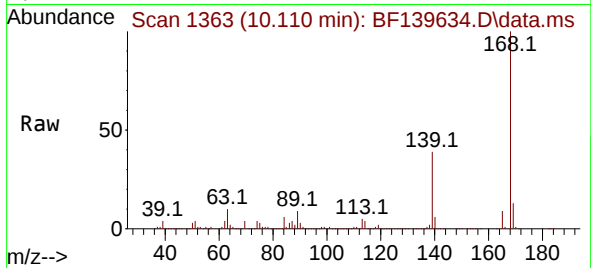
Tgt Ion:184 Resp: 205753
Ion Ratio Lower Upper
184 100
63 75.6 61.7 92.5
154 63.6 53.0 79.4





#55
Dibenzenofuran
Concen: 51.550 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

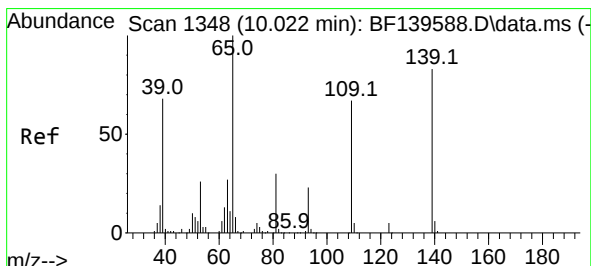
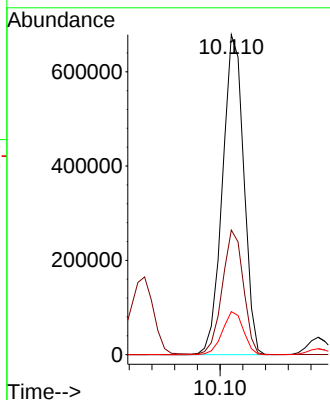
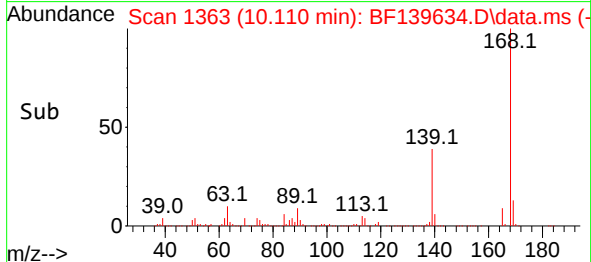
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:168 Resp: 882869
Ion Ratio Lower Upper
168 100
139 39.0 30.4 45.6
169 13.4 10.7 16.1

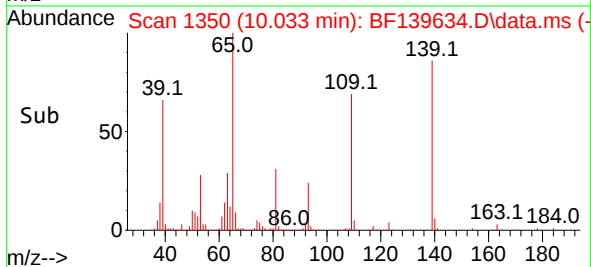
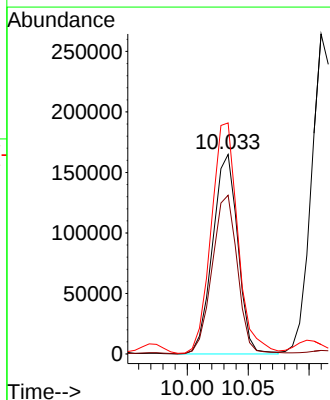
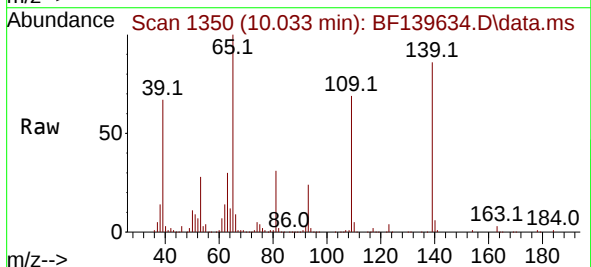
Manual Integrations
APPROVED

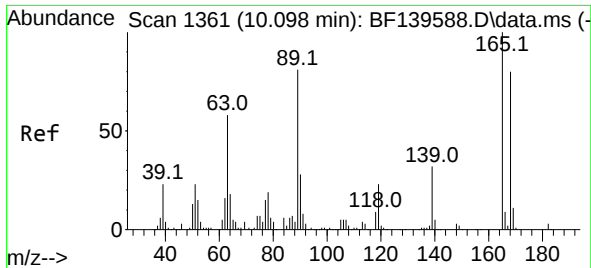
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#56
4-Nitrophenol
Concen: 97.935 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

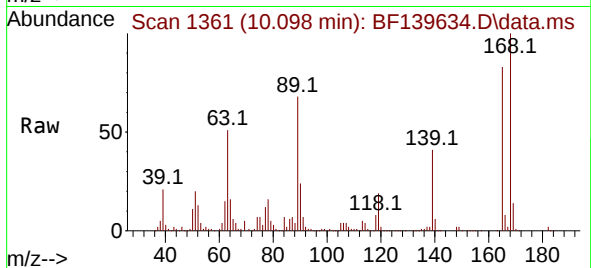
Tgt Ion:139 Resp: 237146
Ion Ratio Lower Upper
139 100
109 79.5 60.3 100.3
65 115.8 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 52.339 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

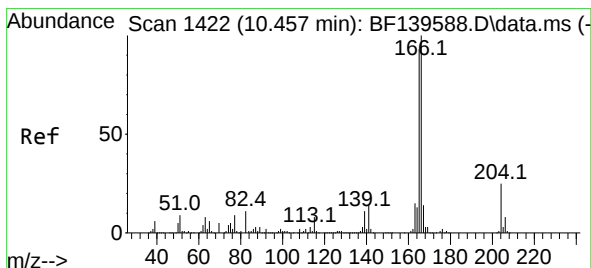
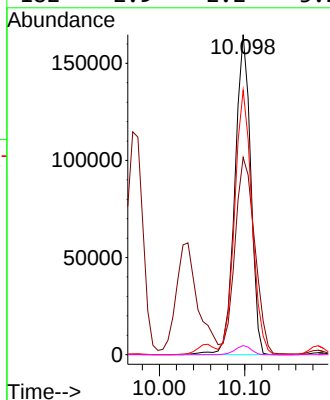
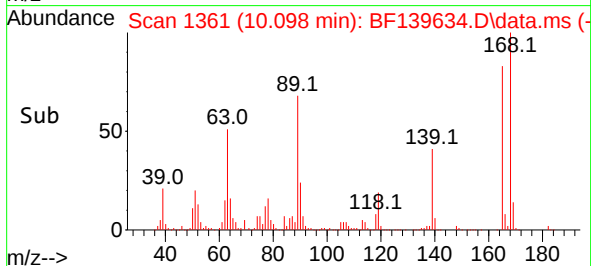
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:165 Resp: 212579
Ion Ratio Lower Upper
165 100
63 61.7 46.9 70.3
89 82.6 64.4 96.6
182 2.9 2.2 3.2

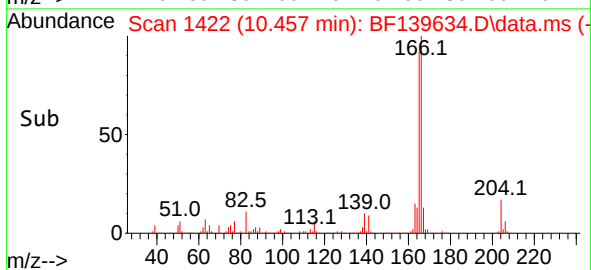
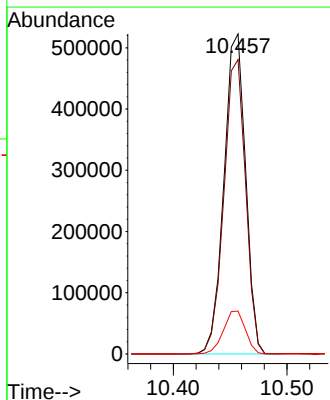
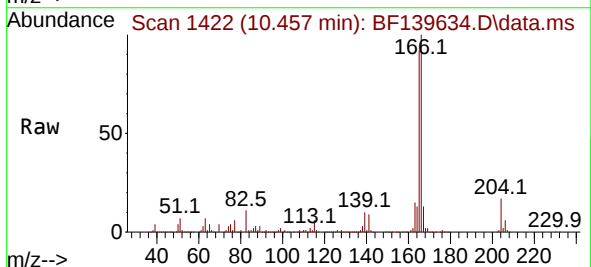
Manual Integrations
APPROVED

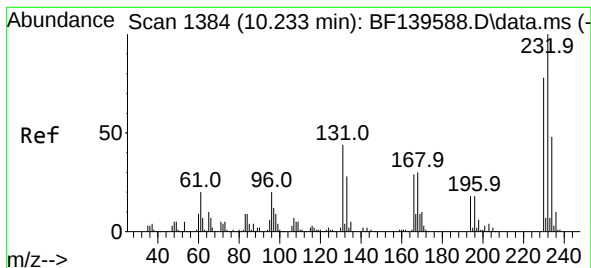
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#58
Fluorene
Concen: 50.757 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

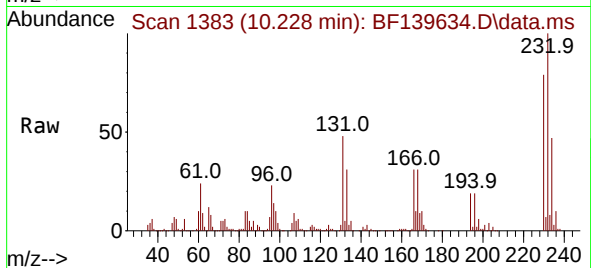
Tgt Ion:166 Resp: 692364
Ion Ratio Lower Upper
166 100
165 92.0 74.4 111.6
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.341 ng
RT: 10.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

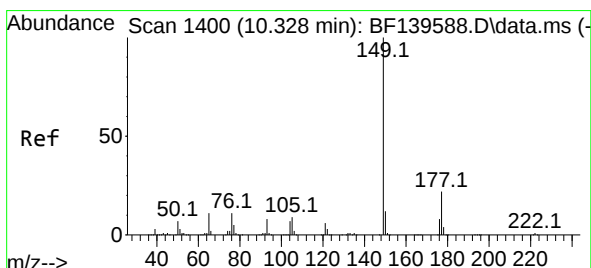
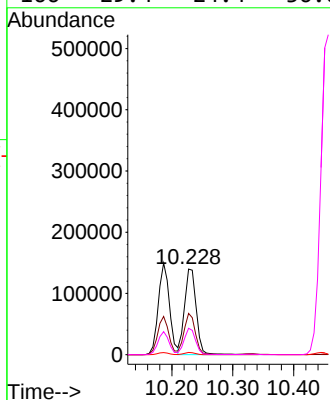
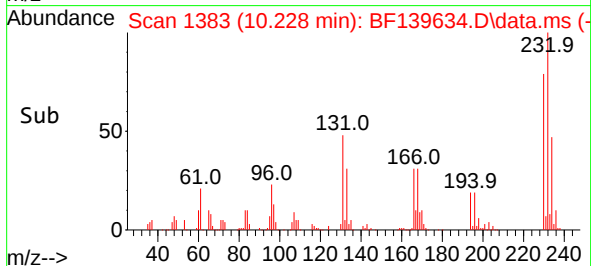
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:232 Resp: 186180
Ion Ratio Lower Upper
232 100
131 47.2 37.8 56.6
130 2.5 1.9 2.9
166 29.4 24.4 36.6

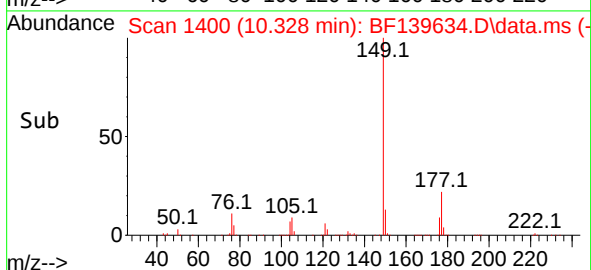
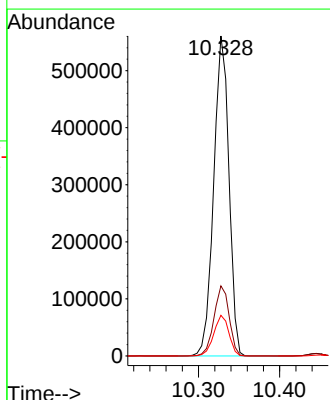
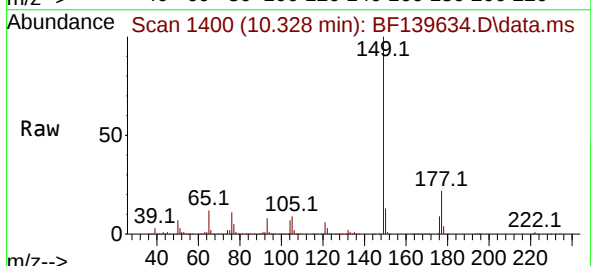
Manual Integrations
APPROVED

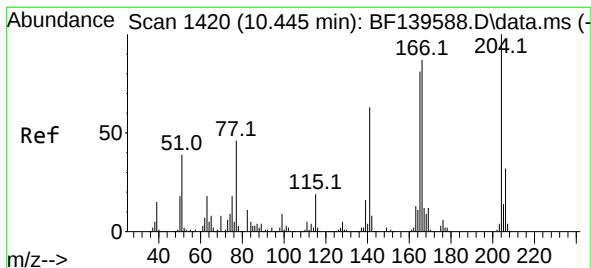
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#60
Diethylphthalate
Concen: 51.446 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

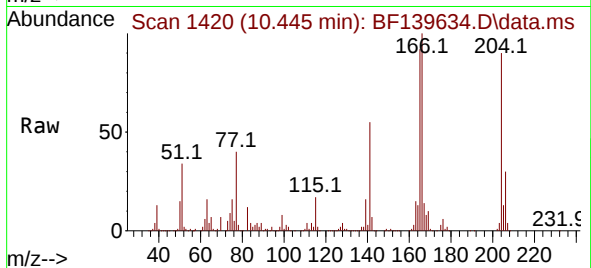
Tgt Ion:149 Resp: 730914
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 49.081 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

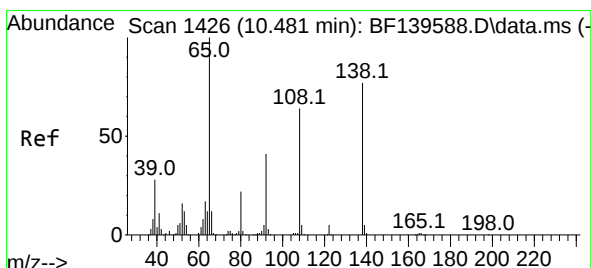
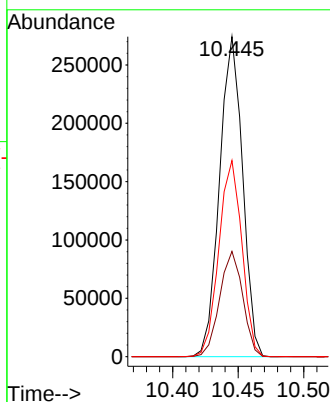
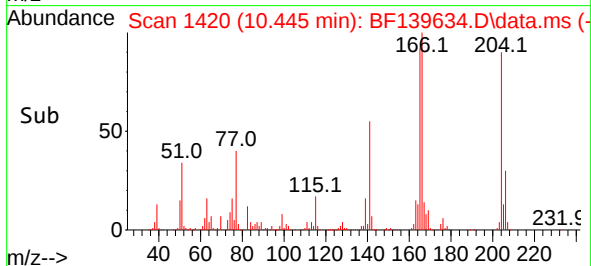
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



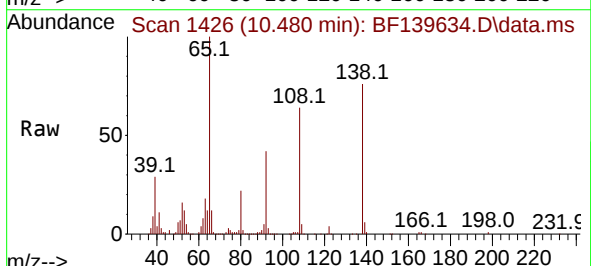
Tgt Ion:204 Resp: 334940
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 61.3 50.5 75.7

Manual Integrations
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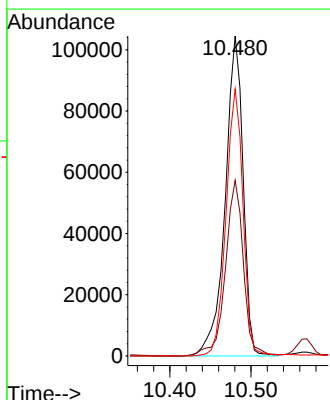
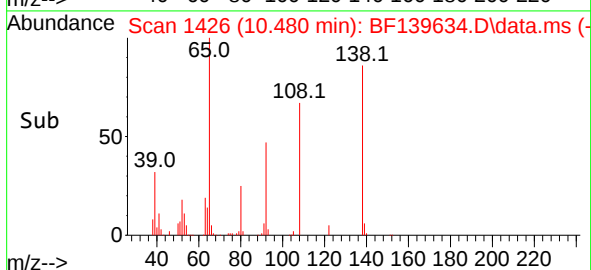
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

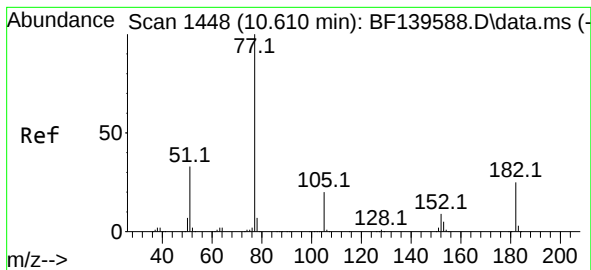


#62
4-Nitroaniline
Concen: 49.349 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



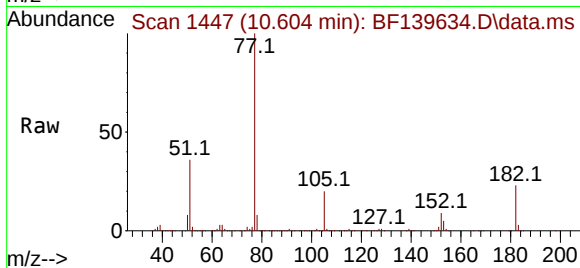
Tgt Ion:138 Resp: 160283
Ion Ratio Lower Upper
138 100
92 54.8 33.3 73.3
108 83.4 62.1 102.1





#63
Azobenzene
Concen: 51.493 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

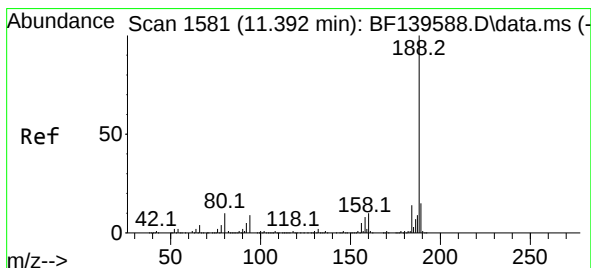
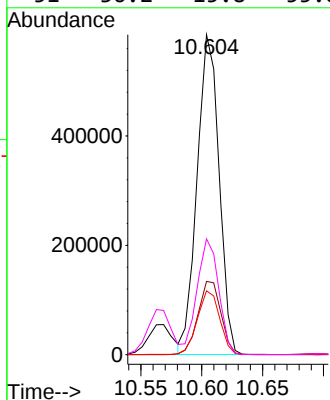
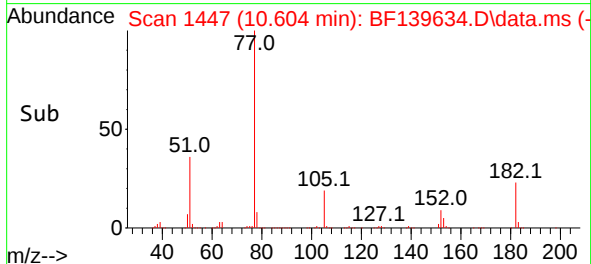
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



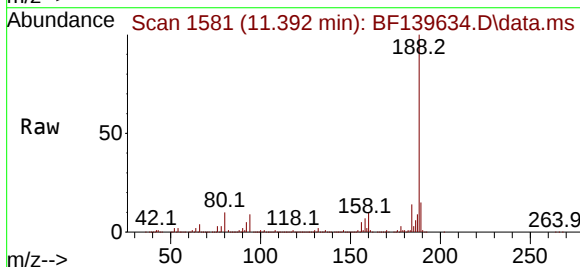
Tgt Ion: 77 Resp: 73572
Ion Ratio Lower Upper
77 100
182 22.9 4.2 44.2
105 19.9 0.0 39.6
51 36.2 15.8 55.8

Manual Integrations
APPROVED

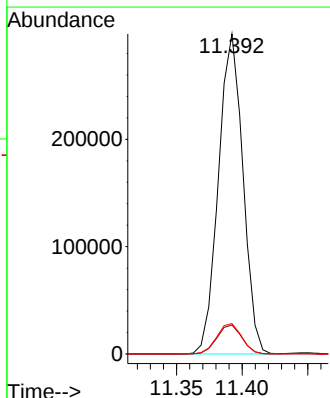
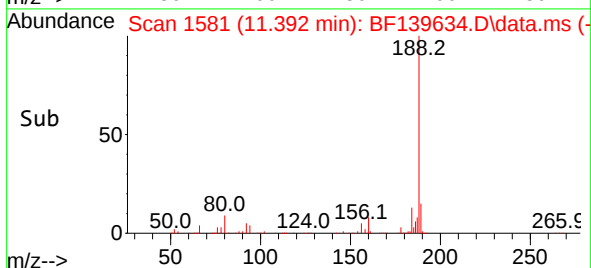
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



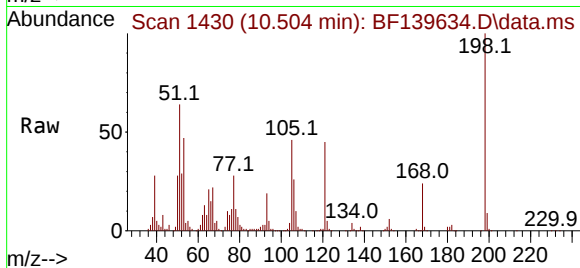
Tgt Ion:188 Resp: 386587
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.5 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 58.384 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

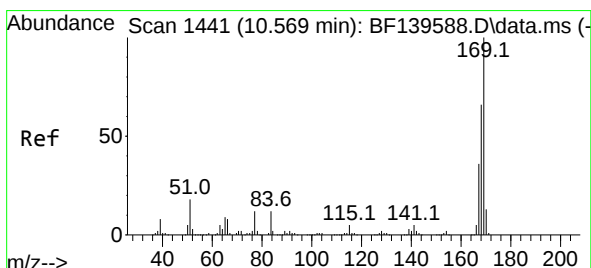
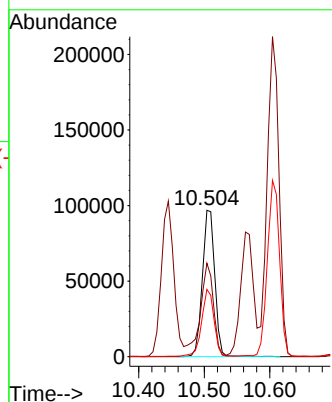
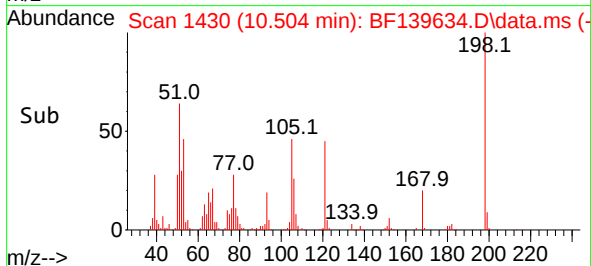
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:198 Resp: 127471
Ion Ratio Lower Upper
198 100
51 63.8 43.0 83.0
105 45.9 26.6 66.6

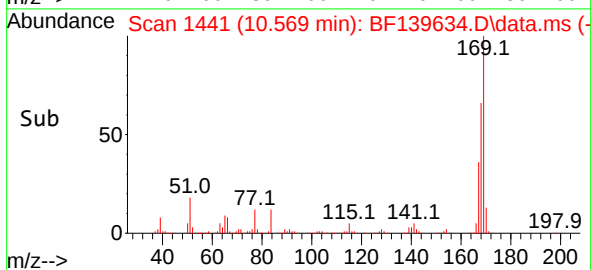
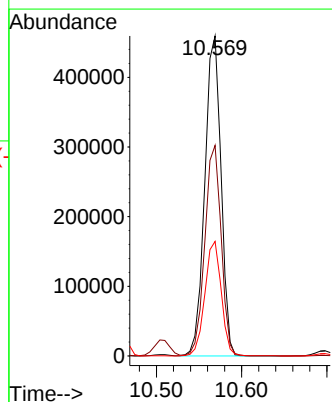
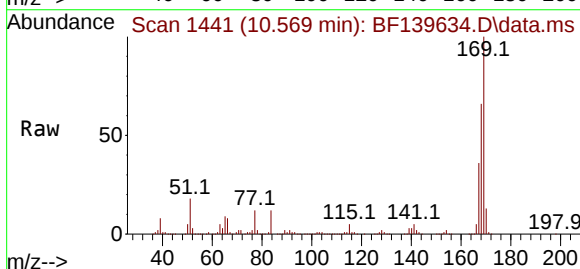
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#66
n-Nitrosodiphenylamine
Concen: 53.308 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

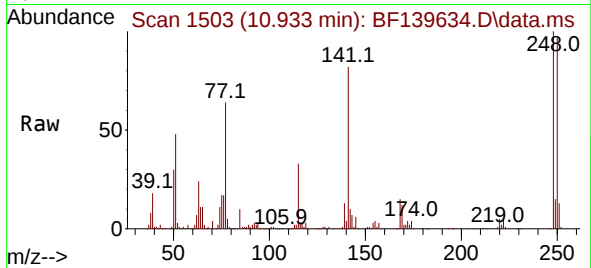
Tgt Ion:169 Resp: 607459
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 35.8 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 51.118 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

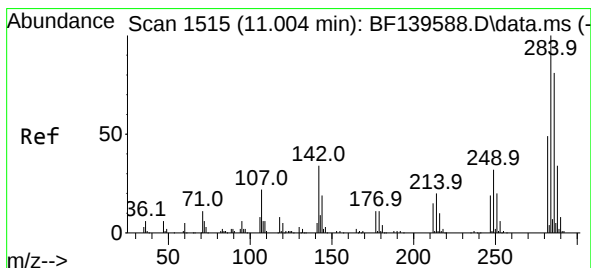
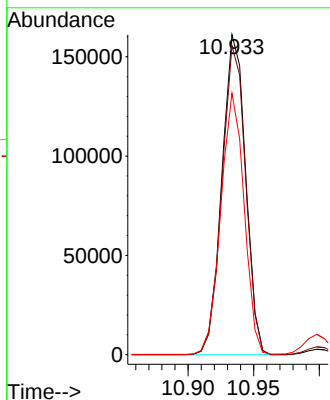
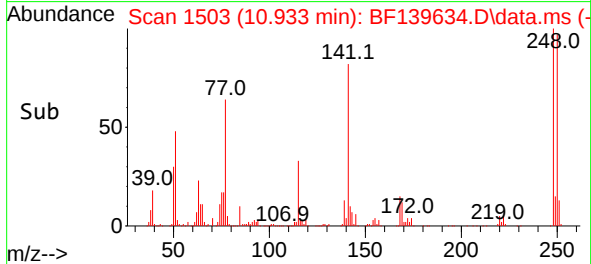
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



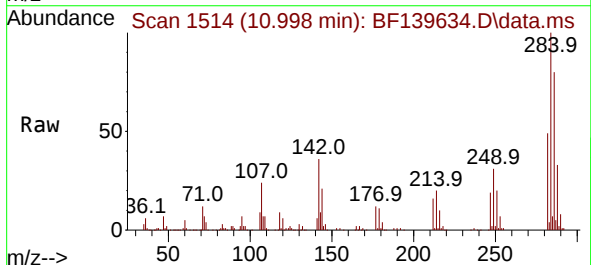
Tgt Ion:248 Resp: 20261
Ion Ratio Lower Upper
248 100
250 96.5 77.1 115.7
141 81.7 60.4 90.6

Manual Integrations
APPROVED

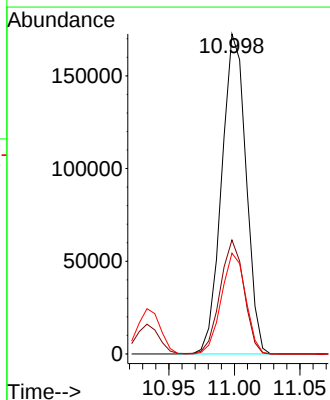
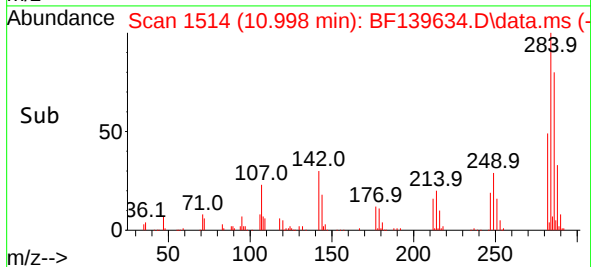
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

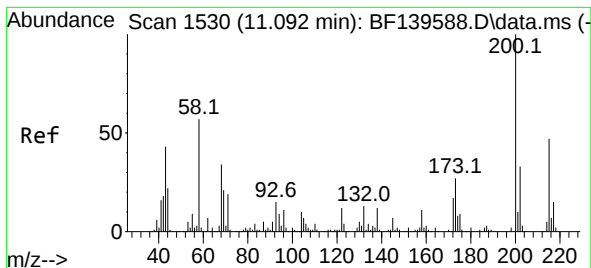


#68
Hexachlorobenzene
Concen: 50.746 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



Tgt Ion:284 Resp: 223195
Ion Ratio Lower Upper
284 100
142 35.6 26.9 40.3
249 31.5 25.4 38.0





#69

Atrazine

Concen: 62.640 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS

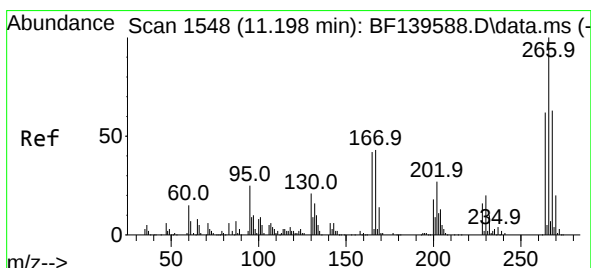
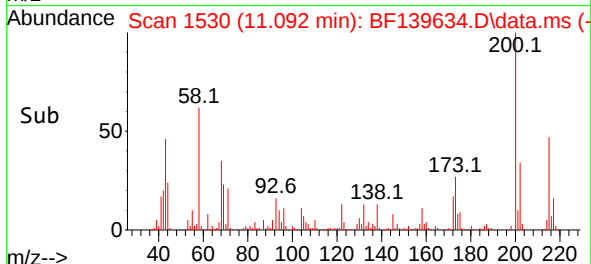
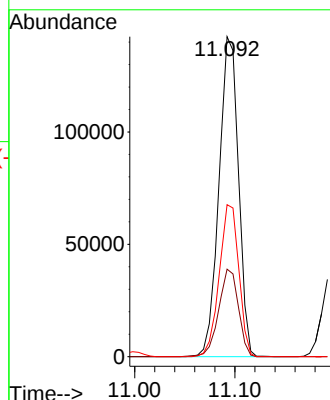
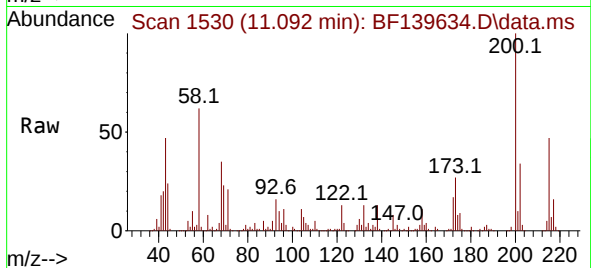
Tgt Ion:200 Resp: 191514
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.7 46.7
 215 47.5 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#70

Pentachlorophenol

Concen: 106.685 ng

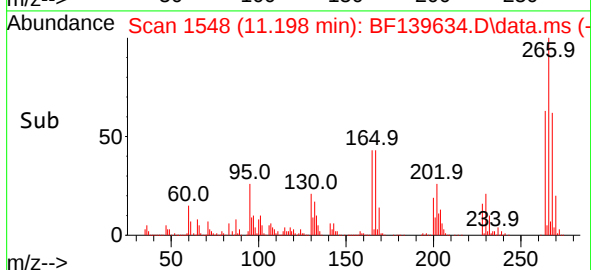
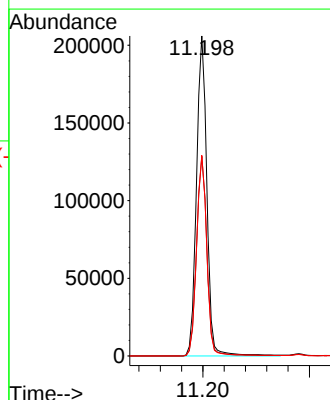
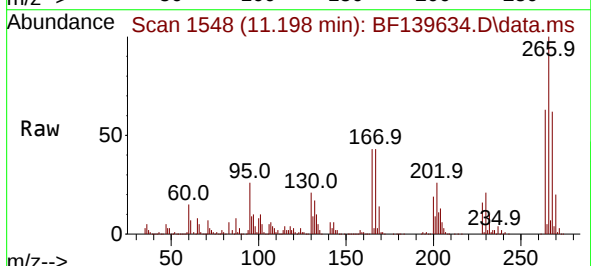
RT: 11.198 min Scan# 1548

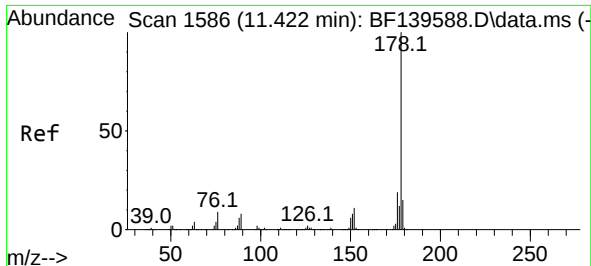
Delta R.T. -0.000 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

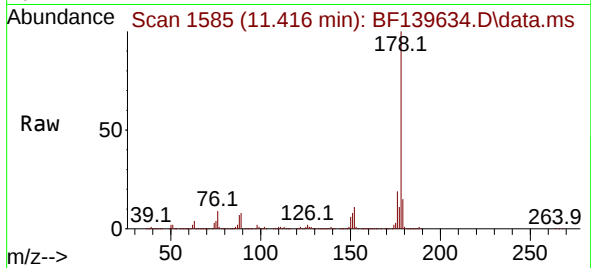
Tgt Ion:266 Resp: 279404
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.0 75.0
 264 62.7 49.3 73.9





#71
Phenanthrene
Concen: 53.325 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

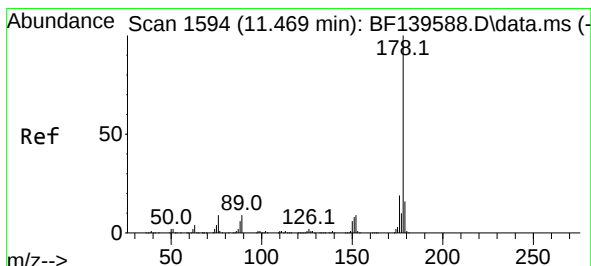
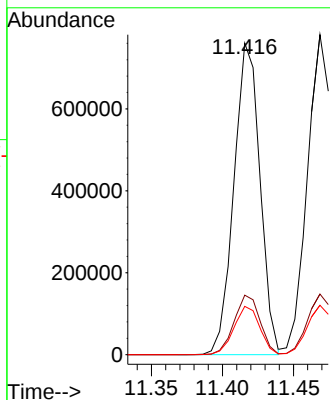
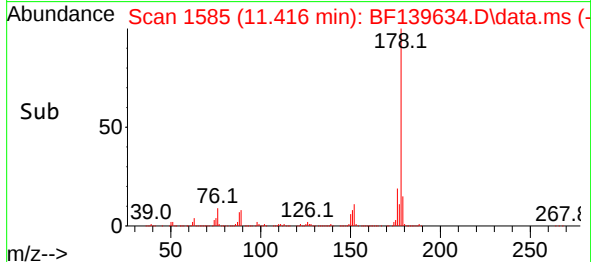
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:178 Resp: 971998
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.5 12.3 18.5

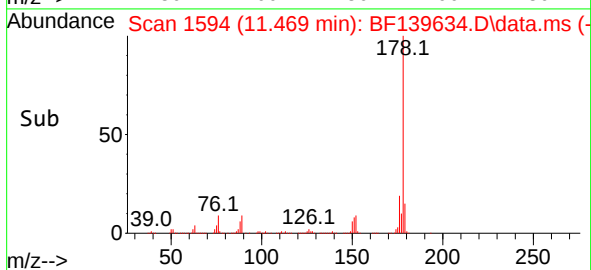
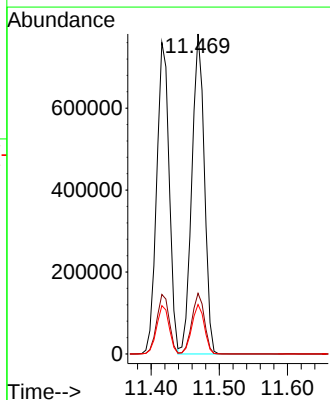
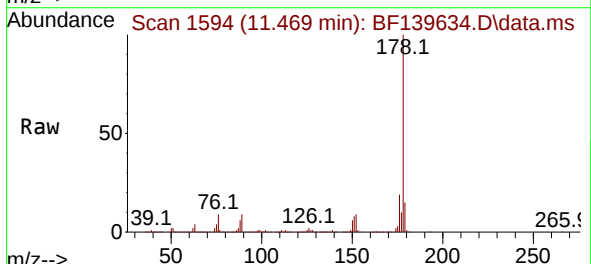
Manual Integrations
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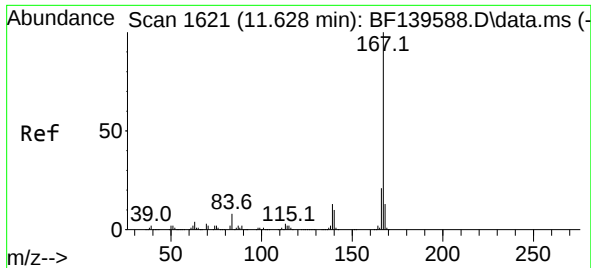
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#72
Anthracene
Concen: 54.944 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

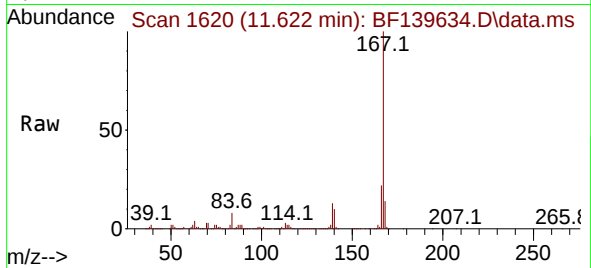
Tgt Ion:178 Resp: 990800
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 51.731 ng
 RT: 11.622 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF139634.D
 Acq: 03 Oct 2024 16:33

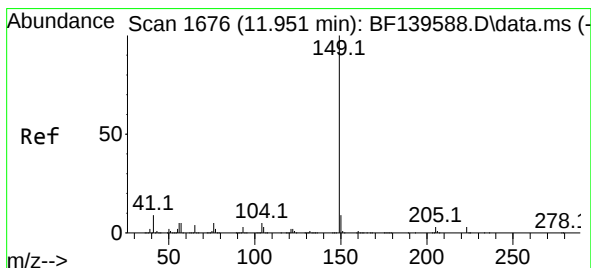
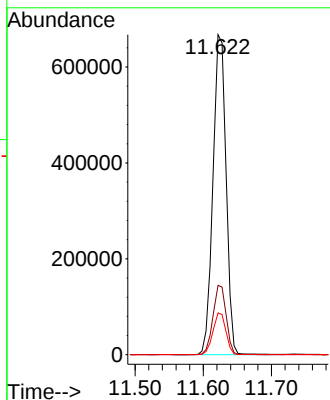
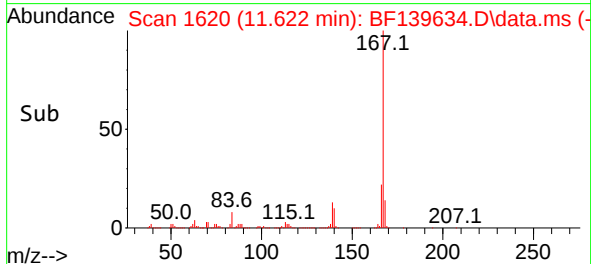
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-WC-1MS



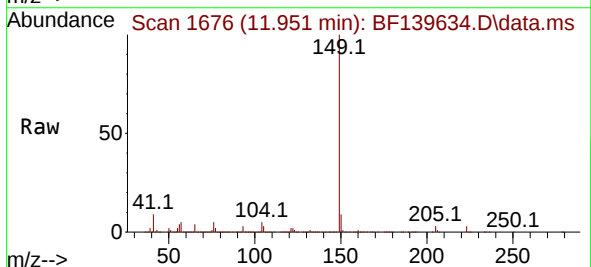
Tgt Ion:167 Resp: 895968
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.1 10.3 15.5

Manual Integrations
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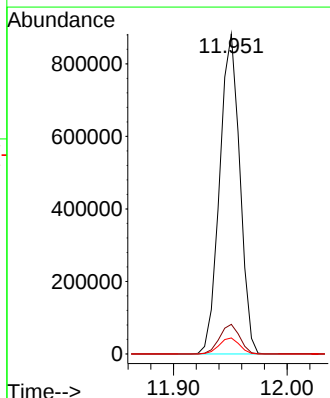
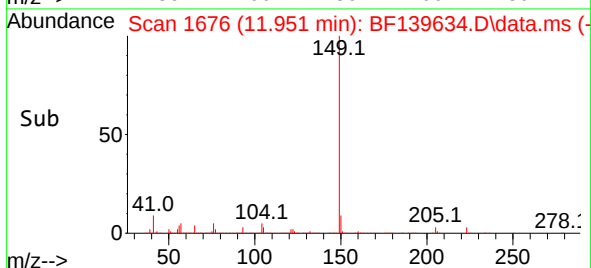
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

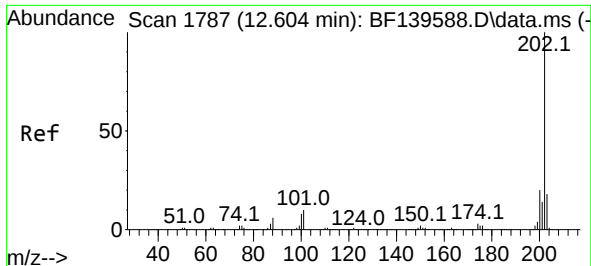


#74
 Di-n-butylphthalate
 Concen: 51.748 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139634.D
 Acq: 03 Oct 2024 16:33



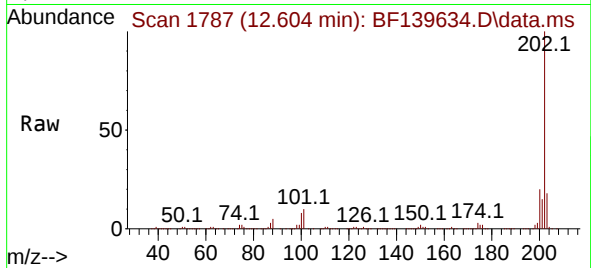
Tgt Ion:149 Resp: 1089875
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 50.384 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

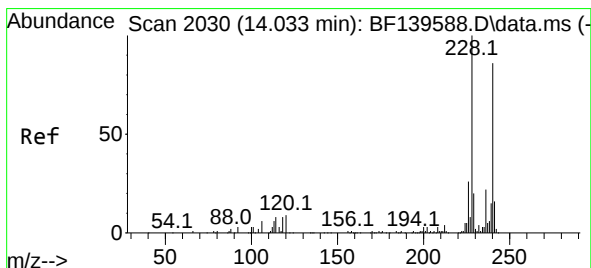
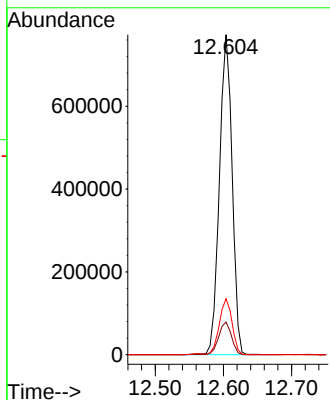
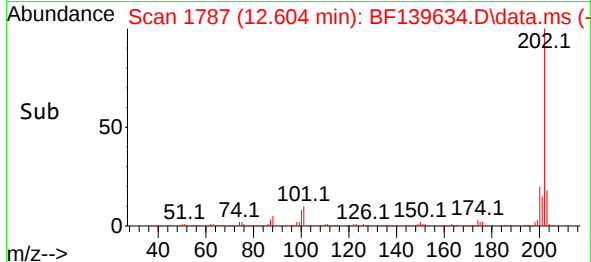
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:202 Resp: 1003930
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.5 0.0 37.7

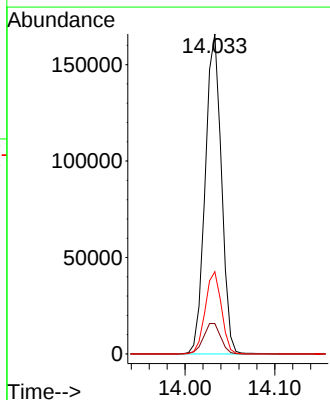
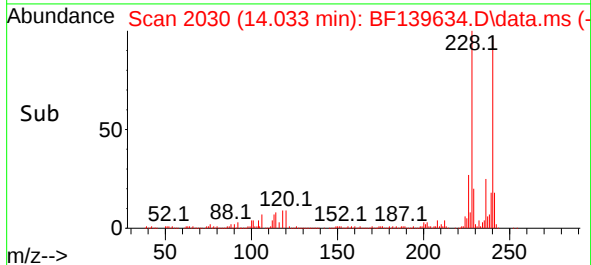
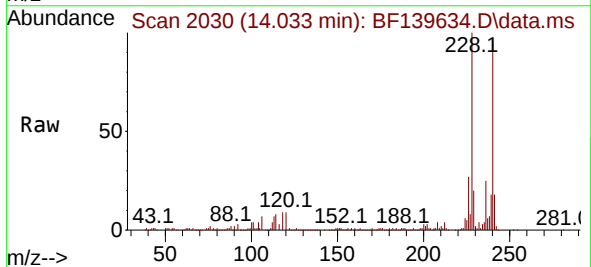
Manual Integrations
APPROVED

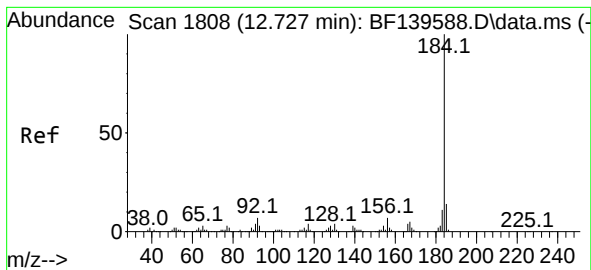
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Tgt Ion:240 Resp: 207998
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.7 20.3 30.5





#77

Benzidine

Concen: 33.556 ng

RT: 12.721 min Scan# 1807

Delta R.T. -0.006 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS

Tgt Ion:184 Resp: 123110

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.0

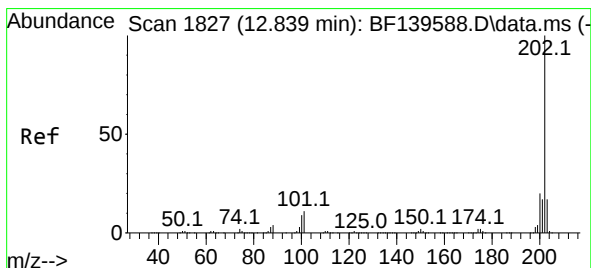
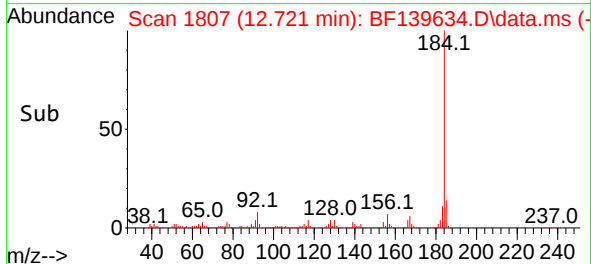
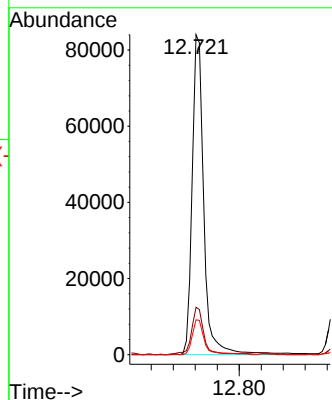
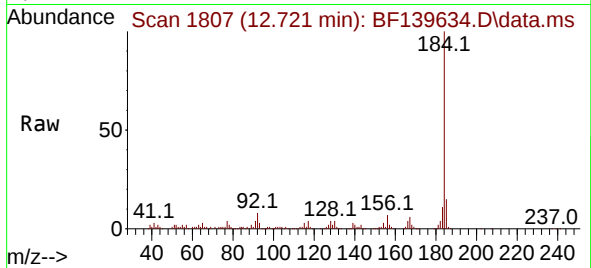
183 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#78

Pyrene

Concen: 54.448 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

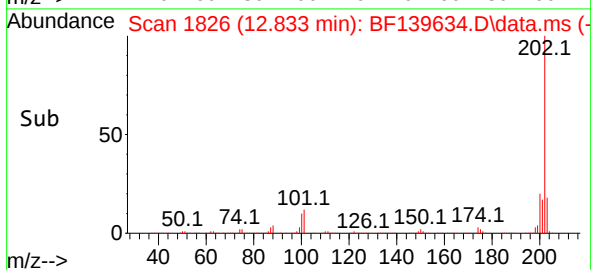
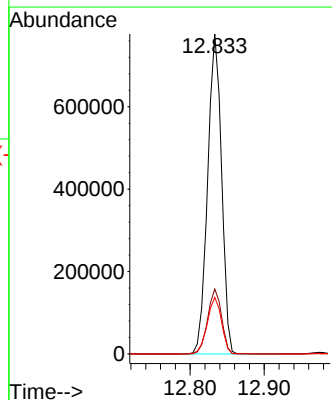
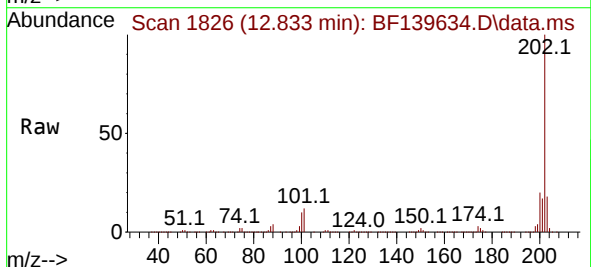
Tgt Ion:202 Resp: 1012908

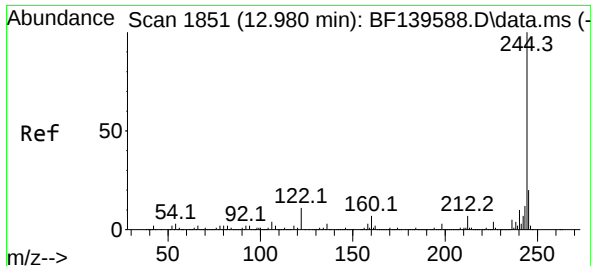
Ion Ratio Lower Upper

202 100

200 20.3 15.8 23.6

203 17.7 13.8 20.8





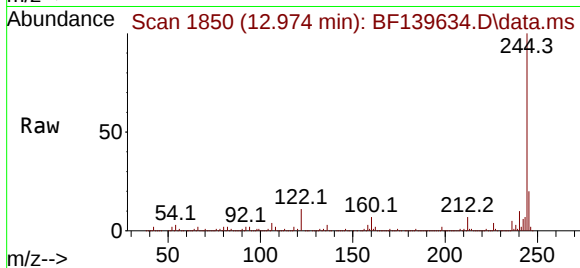
#79
 Terphenyl-d14
 Concen: 106.580 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139634.D
 Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS



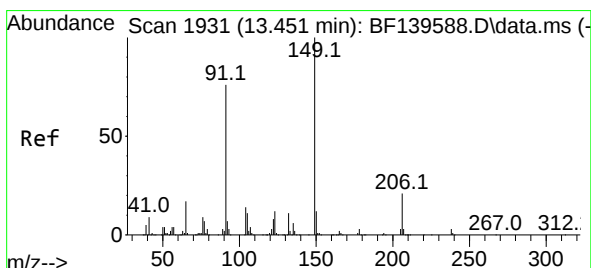
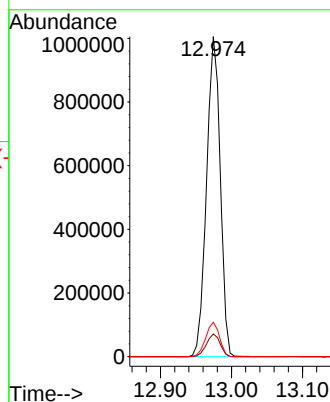
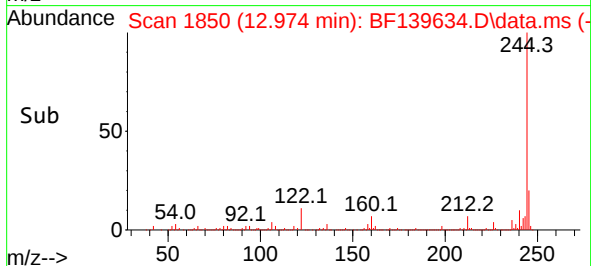
Tgt Ion:244 Resp: 135105
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.8 8.6 12.8

Manual Integrations

APPROVED

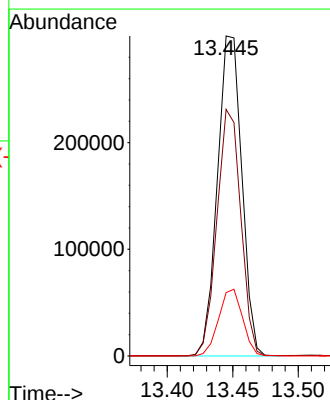
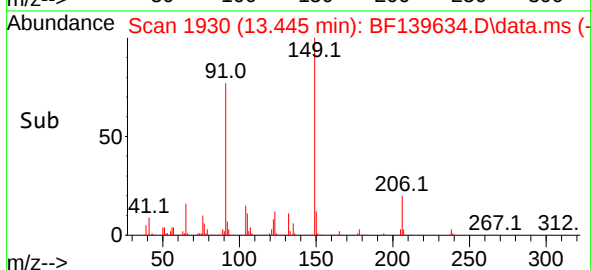
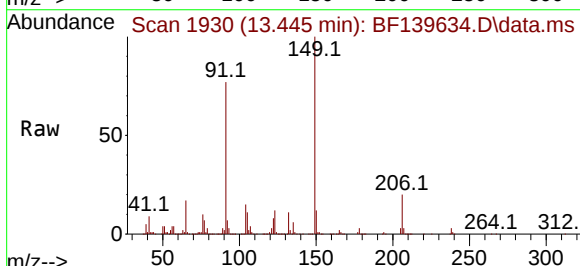
Reviewed By :Yogesh Patel 10/04/2024

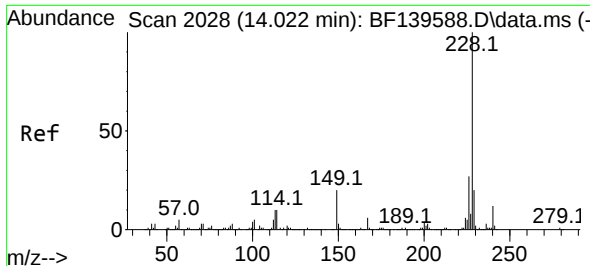
Supervised By :mohammad ahmed 10/05/2024



#80
 Butylbenzylphthalate
 Concen: 58.408 ng
 RT: 13.445 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF139634.D
 Acq: 03 Oct 2024 16:33

Tgt Ion:149 Resp: 388660
 Ion Ratio Lower Upper
 149 100
 91 77.1 61.0 91.4
 206 19.8 16.6 24.8





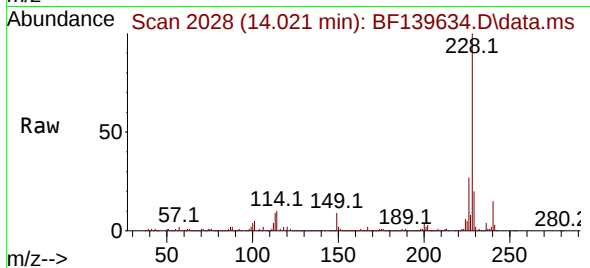
#81
Benzo(a)anthracene
Concen: 54.390 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS



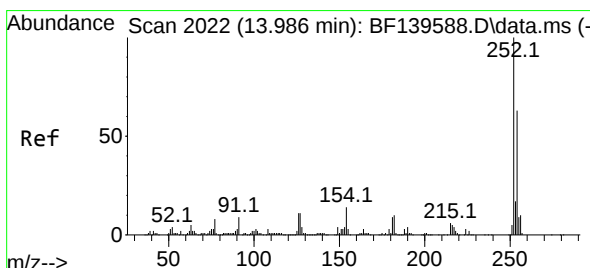
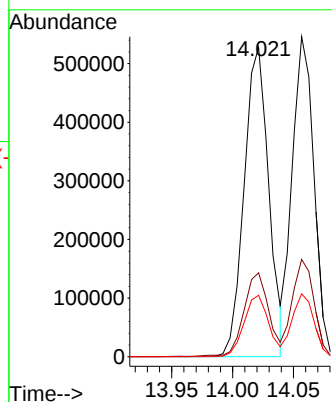
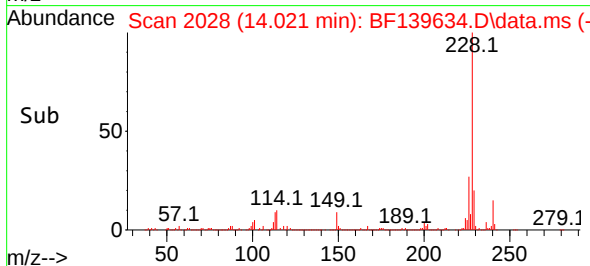
Tgt Ion:228 Resp: 743785
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.9 15.8 23.8

Manual Integrations

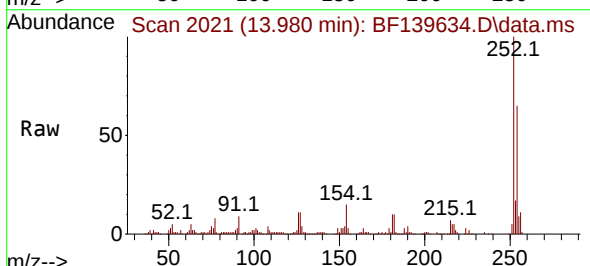
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

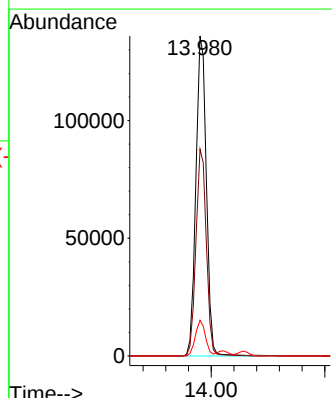
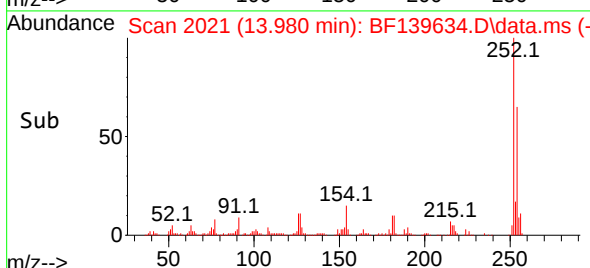
Supervised By :mohammad ahmed 10/05/2024

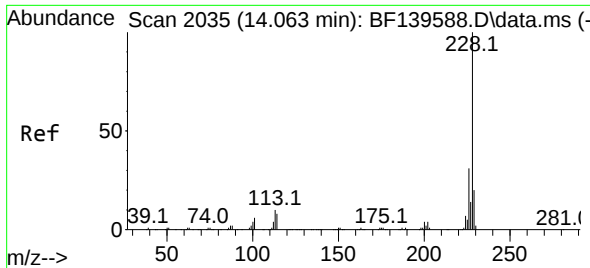


#82
3,3'-Dichlorobenzidine
Concen: 41.830 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



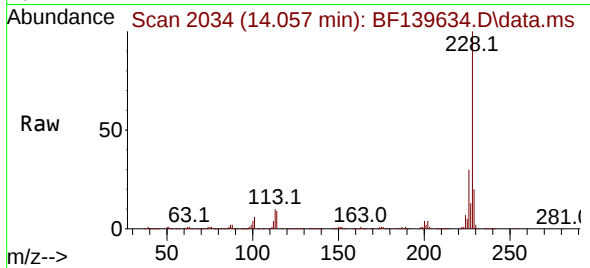
Tgt Ion:252 Resp: 175065
Ion Ratio Lower Upper
252 100
254 64.6 50.5 75.7
126 11.2 8.8 13.2





#83
Chrysene
Concen: 54.206 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

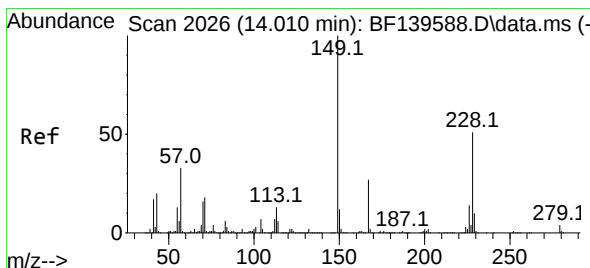
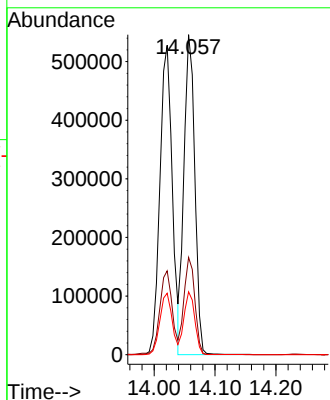
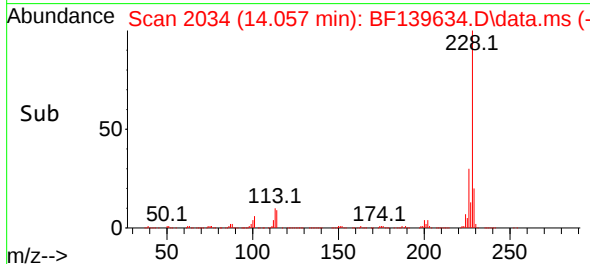
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



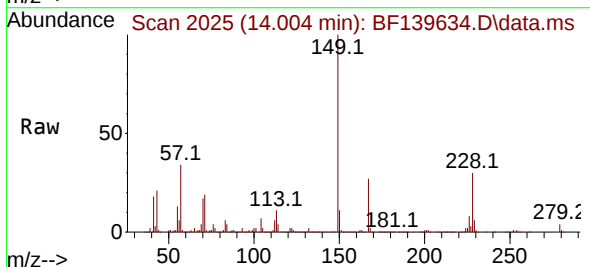
Tgt Ion:228 Resp: 67771
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.7 15.7 23.5

Manual Integrations
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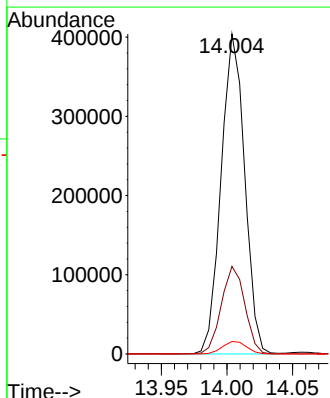
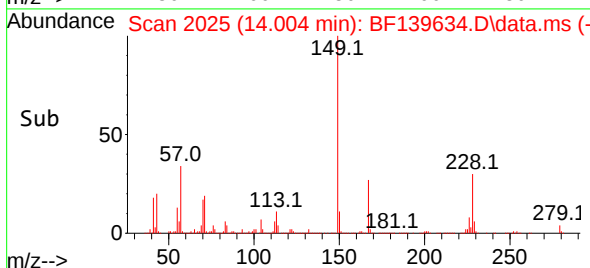
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

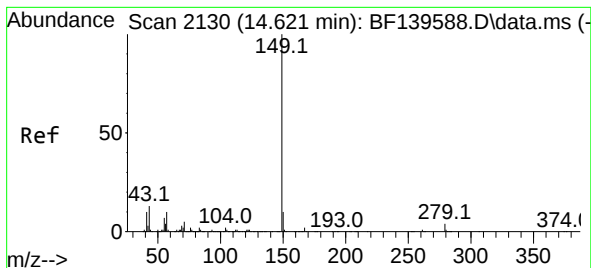


#84
Bis(2-ethylhexyl)phthalate
Concen: 60.665 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33



Tgt Ion:149 Resp: 504073
Ion Ratio Lower Upper
149 100
167 27.3 21.7 32.5
279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 61.784 ng

RT: 14.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS

Tgt Ion:149 Resp: 754194

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

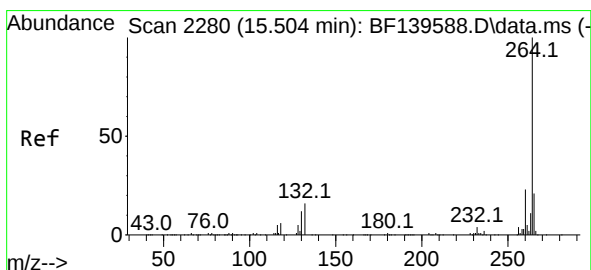
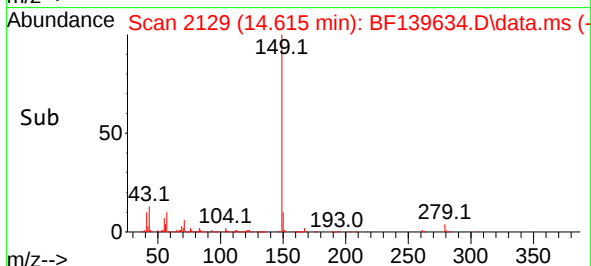
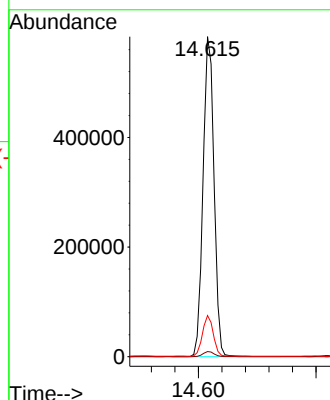
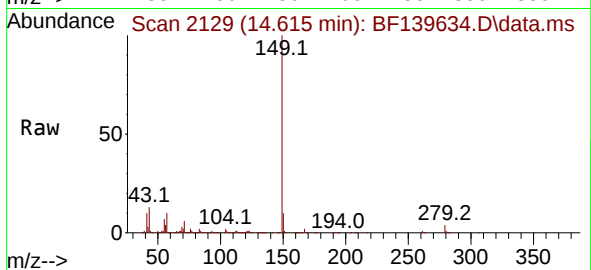
43 12.6 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

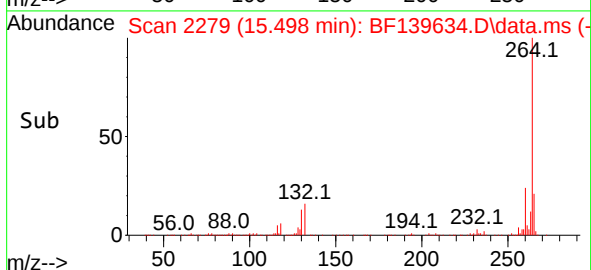
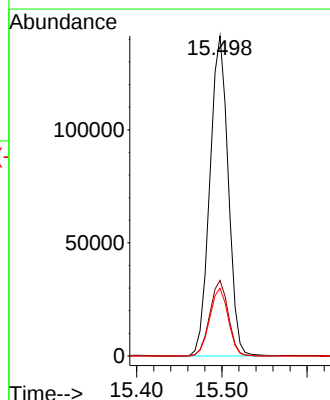
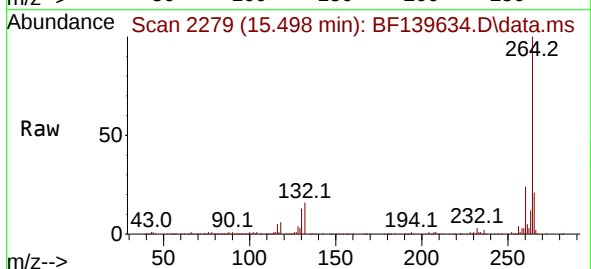
Tgt Ion:264 Resp: 211804

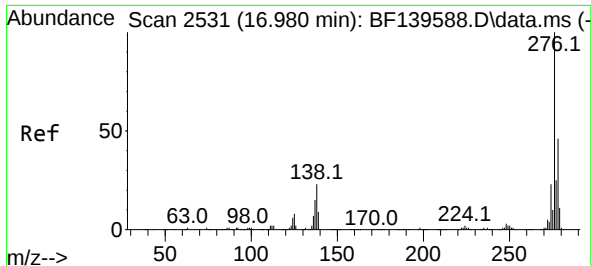
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.1 16.9 25.3





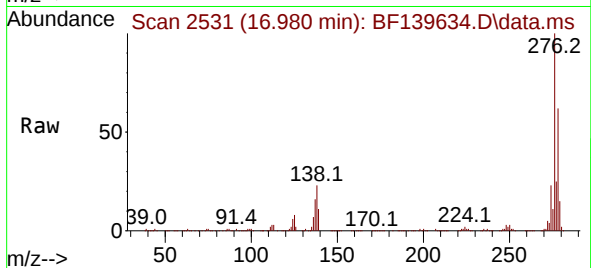
#87
Indeno(1,2,3-cd)pyrene
Concen: 61.574 ng
RT: 16.980 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS



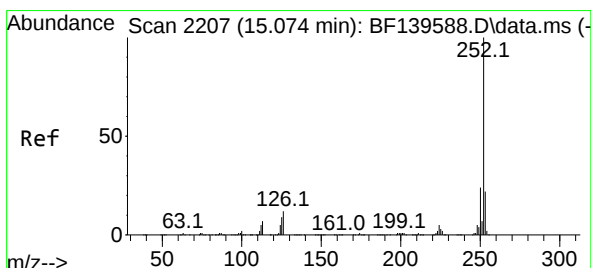
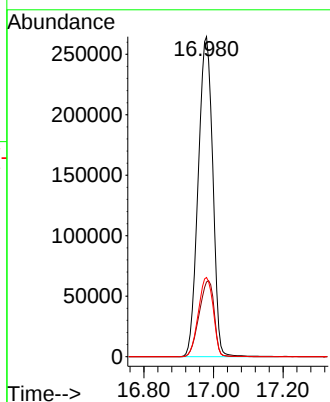
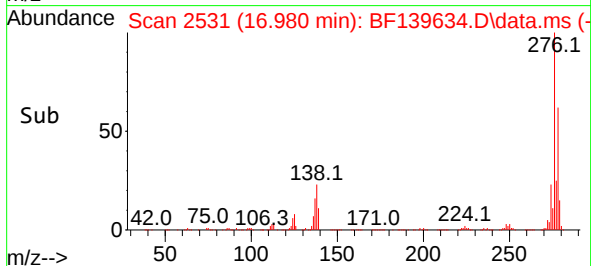
Tgt Ion:276 Resp: 767600
Ion Ratio Lower Upper
276 100
138 24.5 19.4 29.0
277 25.3 20.2 30.2

Manual Integrations

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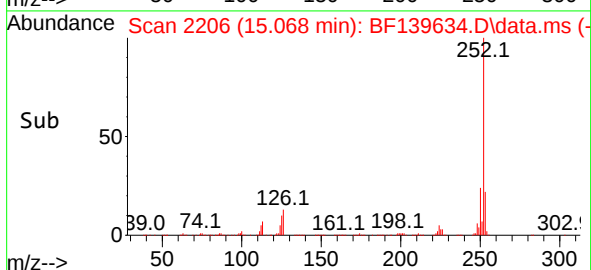
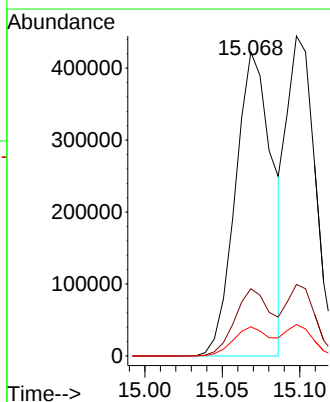
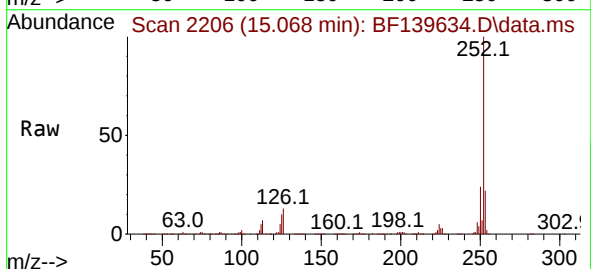
Reviewed By :Yogesh Patel 10/04/2024

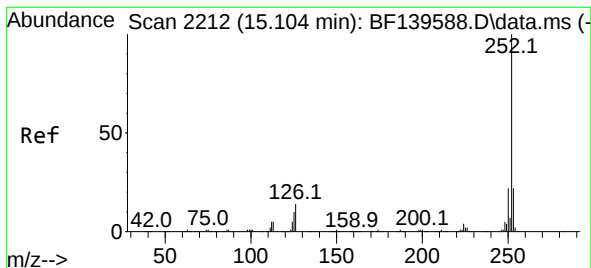
Supervised By :mohammad ahmed 10/05/2024



#88
Benzo(b)fluoranthene
Concen: 50.953 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Tgt Ion:252 Resp: 697795
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.028 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

Instrument :

BNA_F

ClientSampleId :

CONCRETE-WC-1MS

Tgt Ion:252 Resp: 569554

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

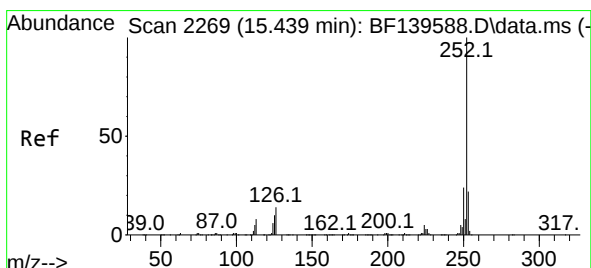
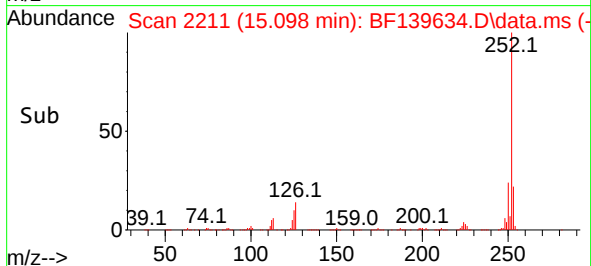
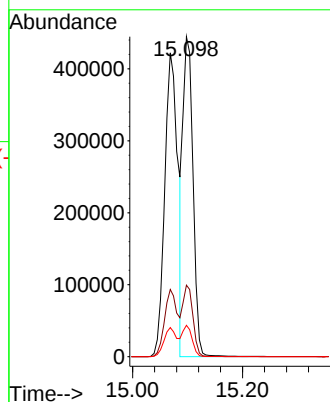
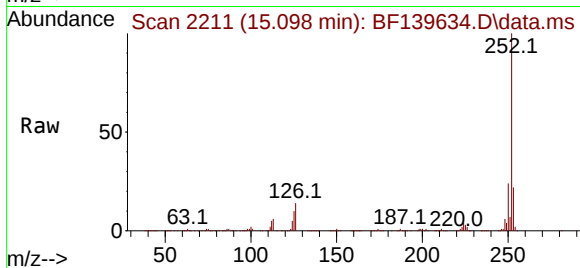
125 9.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#90

Benzo(a)pyrene

Concen: 56.925 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139634.D

Acq: 03 Oct 2024 16:33

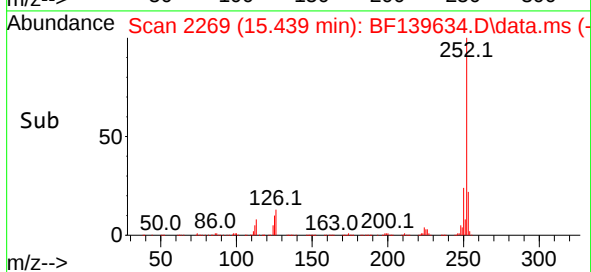
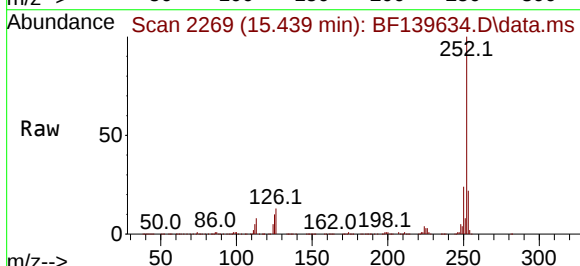
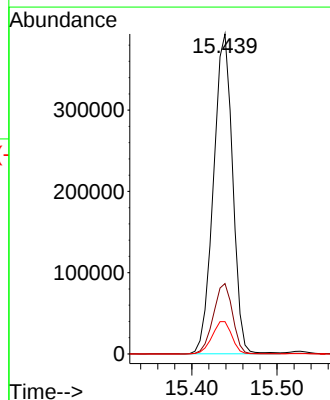
Tgt Ion:252 Resp: 614699

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

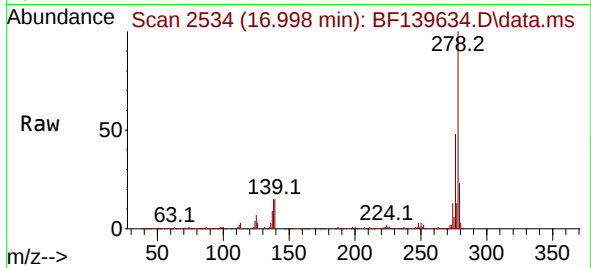
125 10.1 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 61.134 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

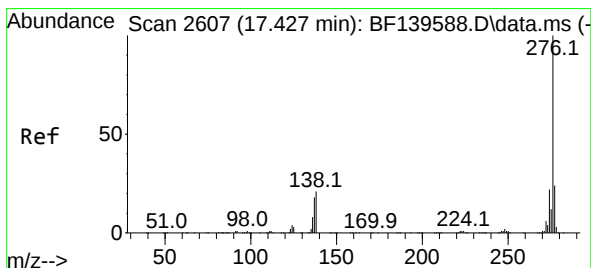
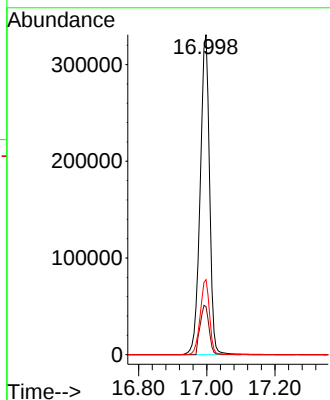
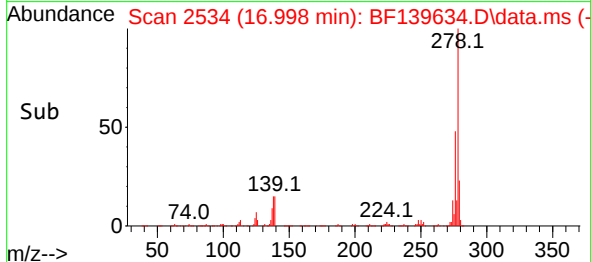
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1MS



Tgt Ion:278 Resp: 63210
Ion Ratio Lower Upper
278 100
139 15.0 12.2 18.4
279 23.5 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#92
Benzo(g,h,i)perylene
Concen: 57.761 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139634.D
Acq: 03 Oct 2024 16:33

Tgt Ion:276 Resp: 598964
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 20.0 17.0 25.6

