

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139152.D
 Acq On : 23 Aug 2024 17:43
 Operator : RC/JU
 Sample : P3707-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MS

Quant Time: Aug 23 18:09:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	82447	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	303051	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	166707	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	256038	20.000	ng	0.00
76) Chrysene-d12	14.057	240	149562	20.000	ng	0.00
86) Perylene-d12	15.533	264	181960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	431575	80.535	ng	0.01
7) Phenol-d6	6.522	99	580731	83.868	ng	0.00
23) Nitrobenzene-d5	7.457	82	409486	78.735	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	120334	79.735	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	515122	49.026	ng	0.00
79) Terphenyl-d14	13.004	244	310797	34.481	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	97748	42.527	ng	99
3) Pyridine	3.504	79	262182	44.888	ng	99
4) n-Nitrosodimethylamine	3.451	42	160909	45.604	ng	98
6) Aniline	6.557	93	283463	45.347	ng	99
8) 2-Chlorophenol	6.681	128	260335	50.508	ng	97
9) Benzaldehyde	6.445	77	131576	32.400	ng	99
10) Phenol	6.539	94	353861	49.115	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	264293	45.615	ng	99
12) 1,3-Dichlorobenzene	6.839	146	288790	46.600	ng	99
13) 1,4-Dichlorobenzene	6.916	146	294438	47.519	ng	99
14) 1,2-Dichlorobenzene	7.069	146	274952	48.553	ng	100
15) Benzyl Alcohol	7.039	79	271255	49.565	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	398621	48.840	ng	99
17) 2-Methylphenol	7.145	107	217546	49.335	ng	99
18) Hexachloroethane	7.410	117	105878	48.730	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	212989	46.839	ng	99
20) 3+4-Methylphenols	7.298	107	276709	48.433	ng	93
22) Acetophenone	7.304	105	375786	48.565	ng	# 93
24) Nitrobenzene	7.481	77	315285	54.539	ng	99
25) Isophorone	7.716	82	560104	50.669	ng	99
26) 2-Nitrophenol	7.792	139	127543	61.490	ng	99
27) 2,4-Dimethylphenol	7.828	122	207154	59.097	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	314060	48.624	ng	99
29) 2,4-Dichlorophenol	8.034	162	221444	50.708	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	236235	46.198	ng	99
31) Naphthalene	8.204	128	746058	48.581	ng	100
32) Benzoic acid	7.934	122	138686	47.595	ng	99
33) 4-Chloroaniline	8.245	127	86025	16.356	ng	99
34) Hexachlorobutadiene	8.316	225	160299	47.989	ng	99
35) Caprolactam	8.616	113	64903m	46.877	ng	
36) 4-Chloro-3-methylphenol	8.728	107	237386	49.094	ng	99
37) 2-Methylnaphthalene	8.892	142	483162	49.050	ng	99
38) 1-Methylnaphthalene	8.992	142	446964	47.015	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	243754	54.099	ng	98
41) Hexachlorocyclopentadiene	9.045	237	329352	187.760	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	160808	52.211	ng	99

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Manual Integrations
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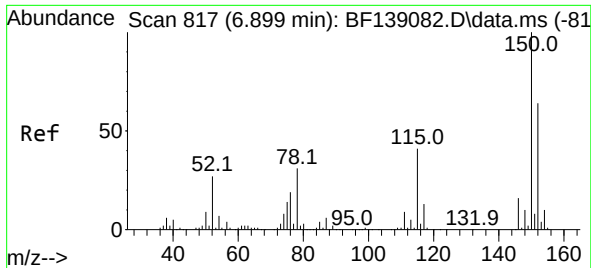
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	163494	51.715	ng	98
46) 1,1'-Biphenyl	9.357	154	586478	51.356	ng	100
47) 2-Chloronaphthalene	9.380	162	459501	49.521	ng	100
48) 2-Nitroaniline	9.475	65	151884	56.038	ng	98
49) Acenaphthylene	9.798	152	712148	53.577	ng	100
50) Dimethylphthalate	9.657	163	543350	52.794	ng	100
51) 2,6-Dinitrotoluene	9.716	165	114095	54.585	ng	96
52) Acenaphthene	9.969	154	496727	56.573	ng	99
53) 3-Nitroaniline	9.886	138	68099	33.941	ng	# 94
54) 2,4-Dinitrophenol	9.986	184	107974	102.468	ng	# 71
55) Dibenzofuran	10.139	168	647076	50.738	ng	100
56) 4-Nitrophenol	10.039	139	151292	97.251	ng	99
57) 2,4-Dinitrotoluene	10.122	165	149120	56.508	ng	93
58) Fluorene	10.486	166	498134	48.875	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	135541	53.396	ng	99
60) Diethylphthalate	10.357	149	510305	50.042	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	249809	49.076	ng	99
62) 4-Nitroaniline	10.498	138	95502	45.425	ng	95
63) Azobenzene	10.633	77	558543	49.288	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	71906	68.255	ng	94
66) n-Nitrosodiphenylamine	10.592	169	421489	55.635	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	151259	55.752	ng	99
68) Hexachlorobenzene	11.027	284	156139	53.644	ng	99
69) Atrazine	11.122	200	128225	55.419	ng	99
70) Pentachlorophenol	11.222	266	181510	97.624	ng	98
71) Phenanthrene	11.445	178	674690	51.844	ng	100
72) Anthracene	11.498	178	672160	52.813	ng	100
73) Carbazole	11.651	167	502834	42.310	ng	100
74) Di-n-butylphthalate	11.986	149	651539	47.281	ng	99
75) Fluoranthene	12.633	202	564032	40.607	ng	99
77) Benzidine	12.751	184	199056	64.432	ng	99
78) Pyrene	12.863	202	564714	45.245	ng	100
80) Butylbenzylphthalate	13.480	149	206474	47.817	ng	99
81) Benzo(a)anthracene	14.051	228	515915	52.475	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	116674	42.456	ng	99
83) Chrysene	14.086	228	457966	51.391	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	280533	49.006	ng	99
85) Di-n-octyl phthalate	14.657	149	517898	64.460	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	562294	52.801	ng	99
88) Benzo(b)fluoranthene	15.104	252	587719	49.544	ng	99
89) Benzo(k)fluoranthene	15.133	252	467276	47.295	ng	99
90) Benzo(a)pyrene	15.474	252	513363	54.768	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	456799	52.254	ng	100
92) Benzo(g,h,i)perylene	17.474	276	402098	40.711	ng	99

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

Manual Integrations

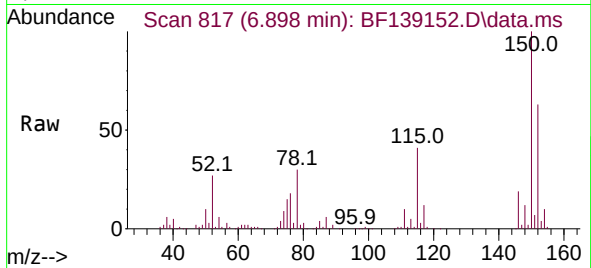
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF139152.D
 Acq: 23 Aug 2024 17:43

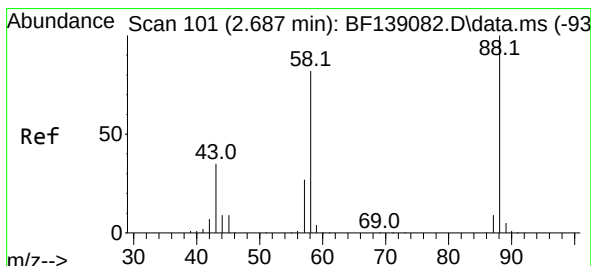
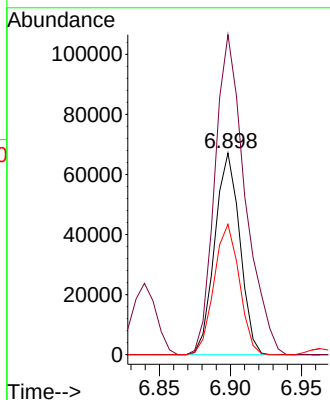
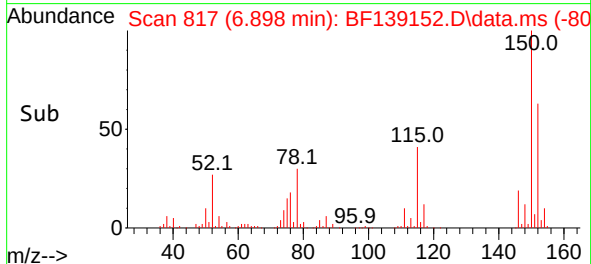
Instrument :
 BNA_F
 ClientSampleId :
 S-929-K1-SO-0-0.5-082024MS



Tgt Ion:152 Resp: 8244
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.1 187.7
 115 64.7 51.8 77.6

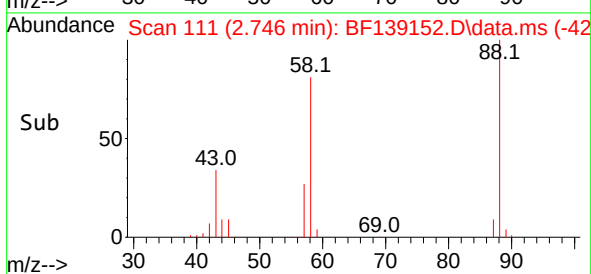
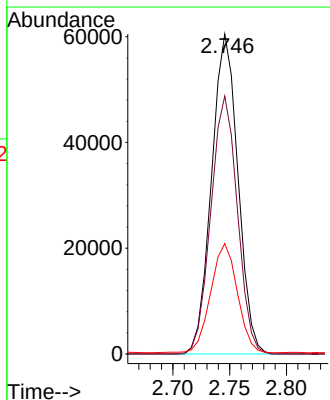
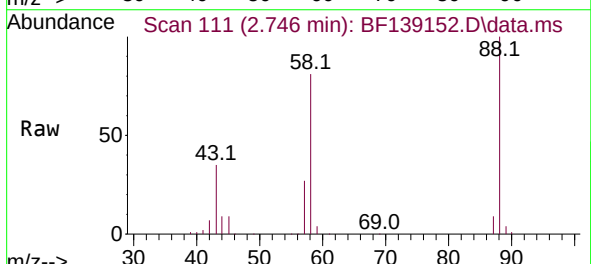
Manual Integrations
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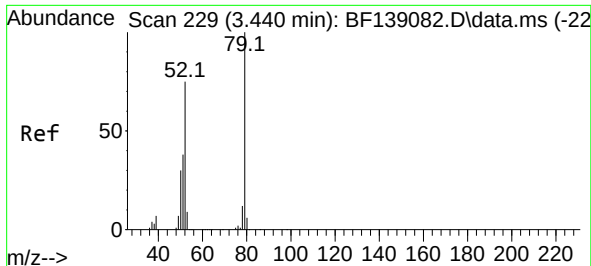
Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024



#2
 1,4-Dioxane
 Concen: 42.527 ng
 RT: 2.746 min Scan# 111
 Delta R.T. 0.059 min
 Lab File: BF139152.D
 Acq: 23 Aug 2024 17:43

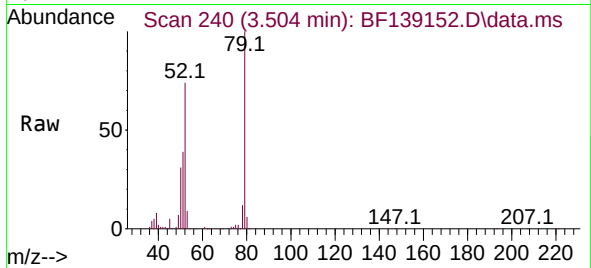
Tgt Ion: 88 Resp: 97748
 Ion Ratio Lower Upper
 88 100
 58 80.9 65.4 98.0
 43 34.5 27.9 41.9





#3
Pyridine
Concen: 44.888 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.064 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

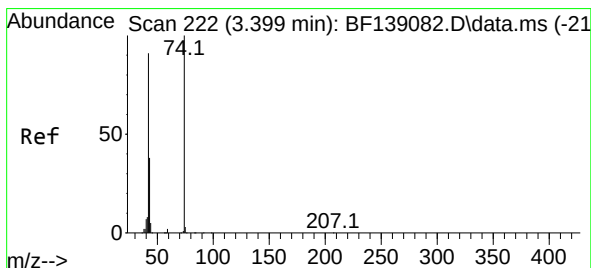
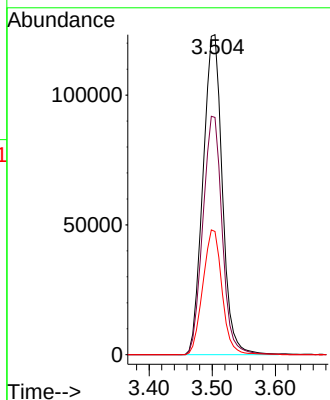
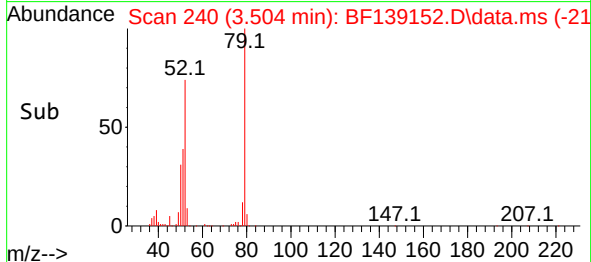
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



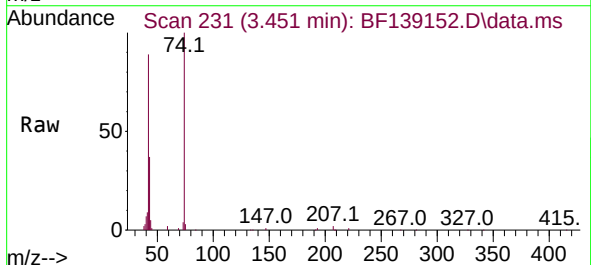
Tgt Ion: 79 Resp: 26218
Ion Ratio Lower Upper
79 100
52 74.1 59.7 89.5
51 38.5 30.6 45.8

Manual Integrations
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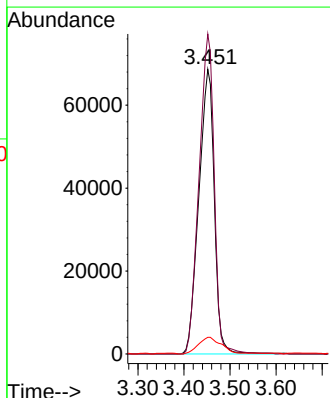
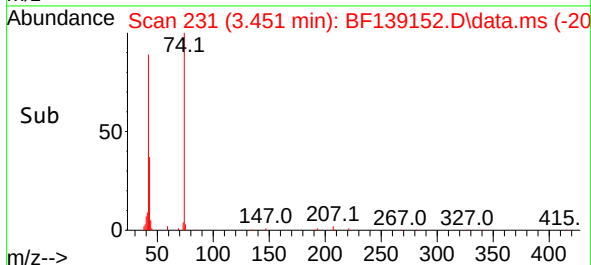
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Supervised By :mohammad ahmed 08/24/2024

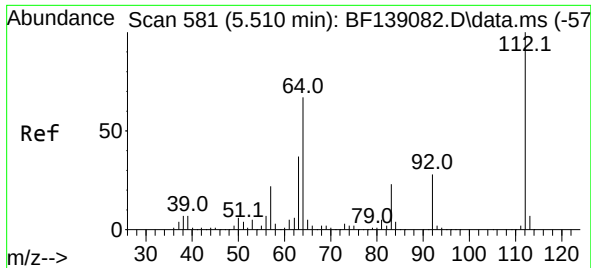


#4
n-Nitrosodimethylamine
Concen: 45.604 ng
RT: 3.451 min Scan# 231
Delta R.T. 0.053 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



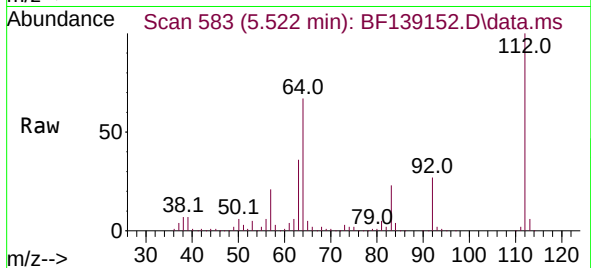
Tgt Ion: 42 Resp: 160909
Ion Ratio Lower Upper
42 100
74 112.4 88.2 132.2
44 5.9 5.4 8.0





#5
2-Fluorophenol
Concen: 80.535 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

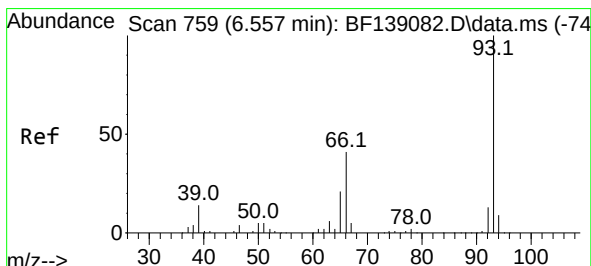
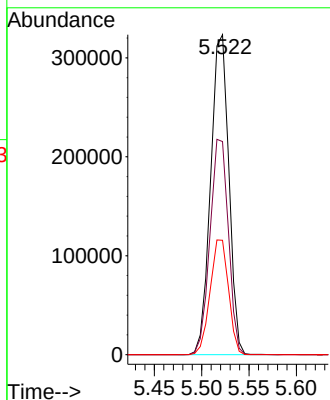
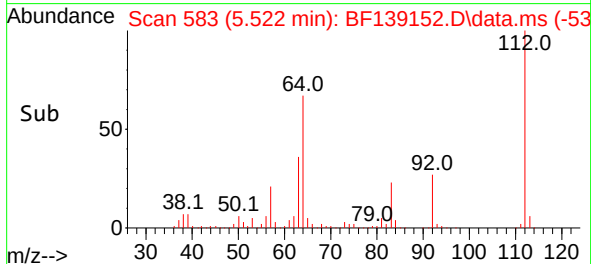
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Tgt Ion:112 Resp: 431579
Ion Ratio Lower Upper
112 100
64 66.6 53.8 80.6
63 35.8 29.4 44.2

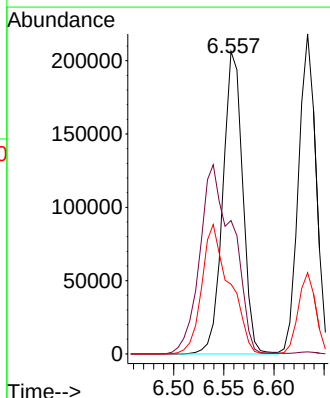
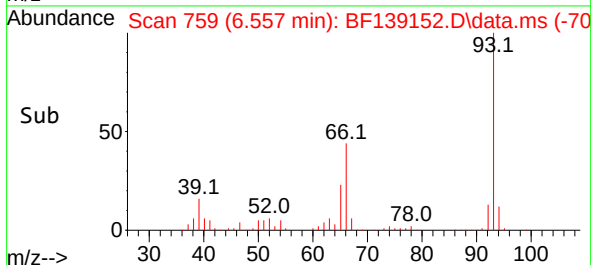
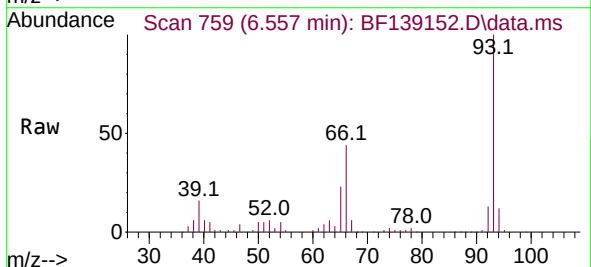
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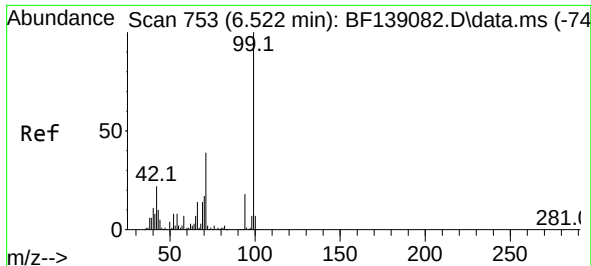
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#6
Aniline
Concen: 45.347 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

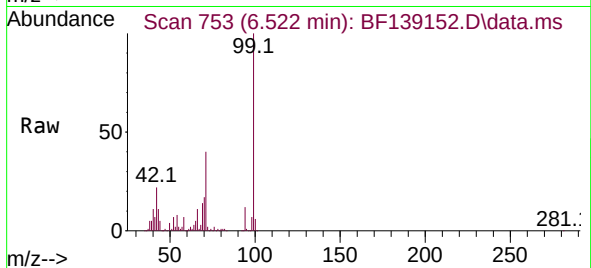
Tgt Ion: 93 Resp: 283463
Ion Ratio Lower Upper
93 100
66 44.1 35.1 52.7
65 23.1 17.4 26.2





#7
Phenol-d6
Concen: 83.868 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

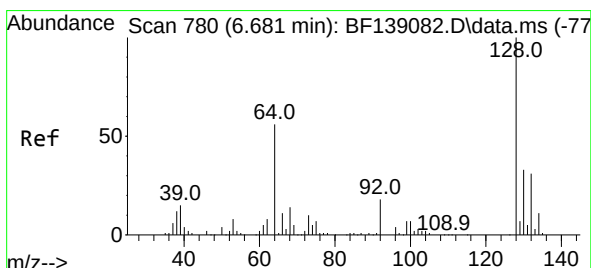
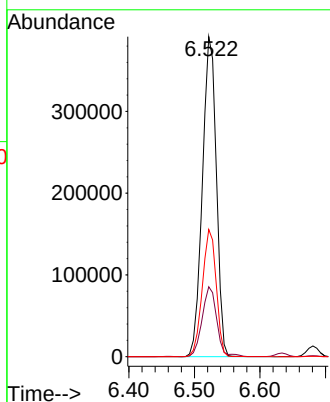
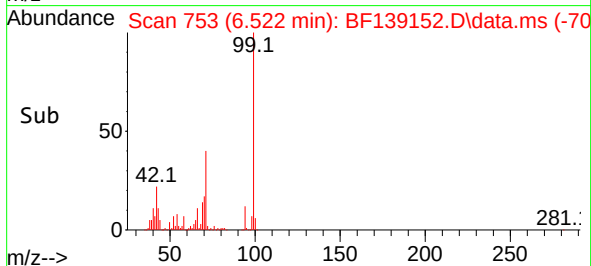
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ClientSampleId :
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Tgt Ion: 99 Resp: 58073
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.2
71 39.8 31.2 46.8

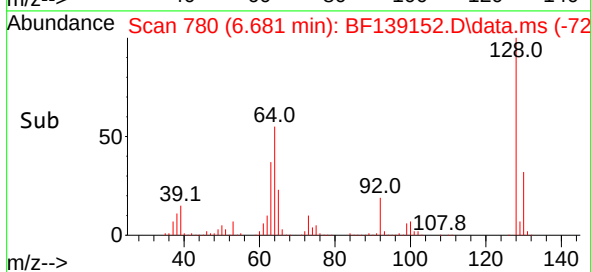
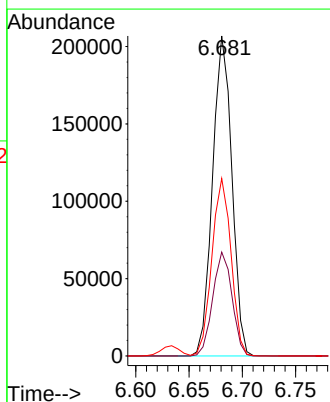
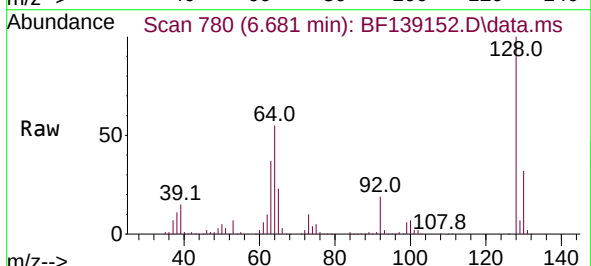
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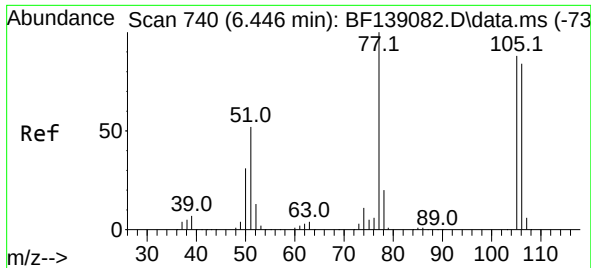
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#8
2-Chlorophenol
Concen: 50.508 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

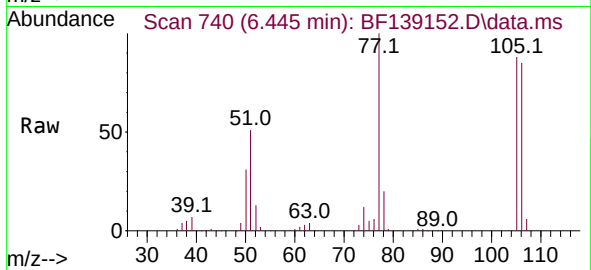
Tgt Ion:128 Resp: 260335
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 55.5 39.1 79.1





#9
Benzaldehyde
Concen: 32.400 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.001 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

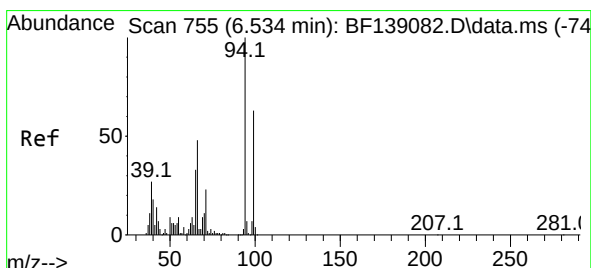
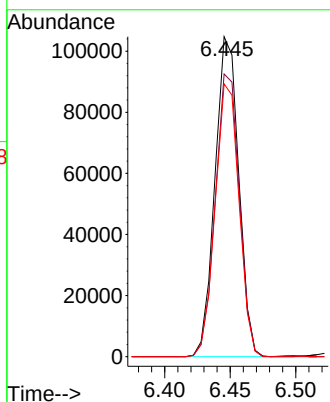
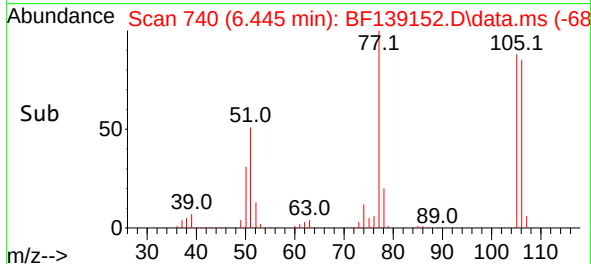
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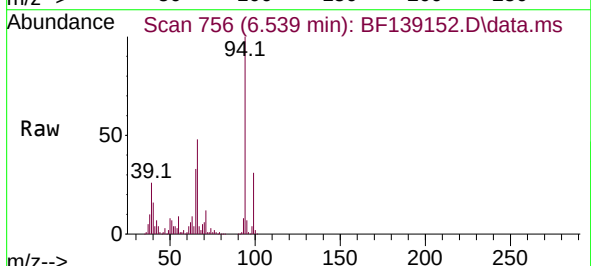
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Ion Ratio Lower Upper
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106 85.3 63.8 103.8

Manual Integrations
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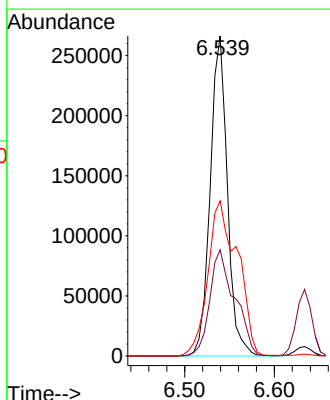
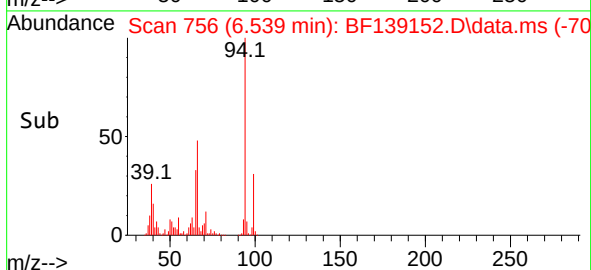
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

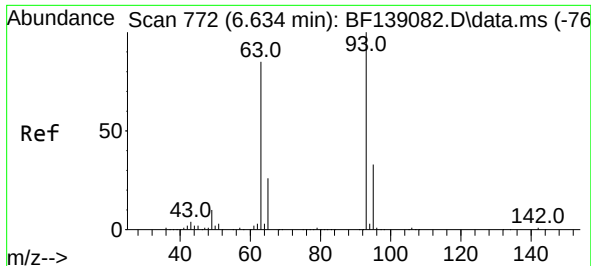


#10
Phenol
Concen: 49.115 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



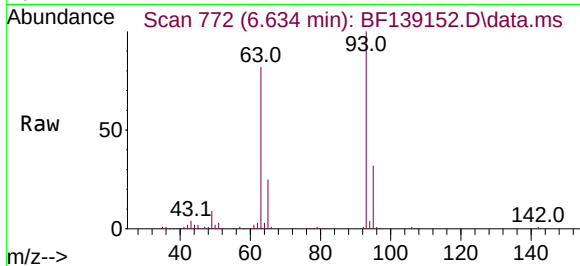
Tgt Ion: 94 Resp: 353861
Ion Ratio Lower Upper
94 100
65 33.2 13.5 53.5
66 48.5 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 45.615 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

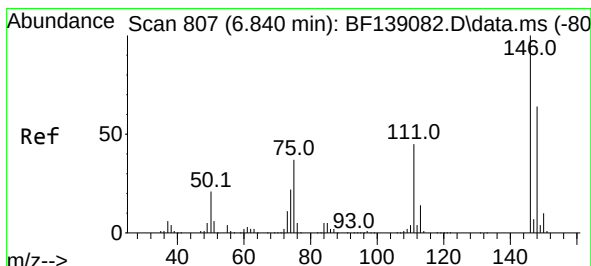
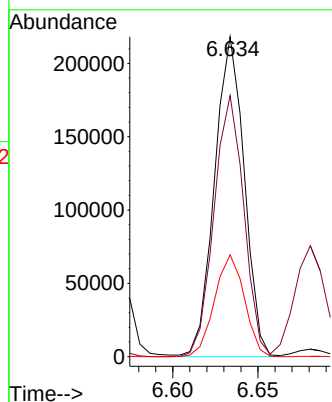
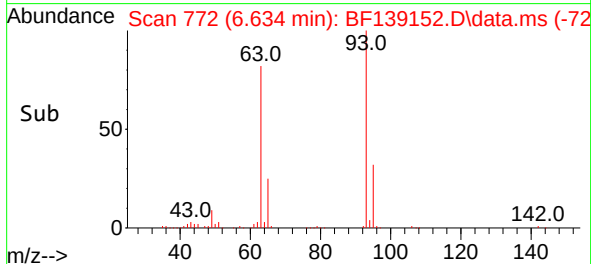
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion: 93 Resp: 264293
Ion Ratio Lower Upper
93 100
63 81.6 62.7 102.7
95 31.9 11.9 51.9

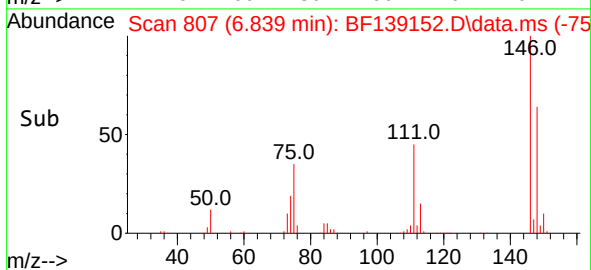
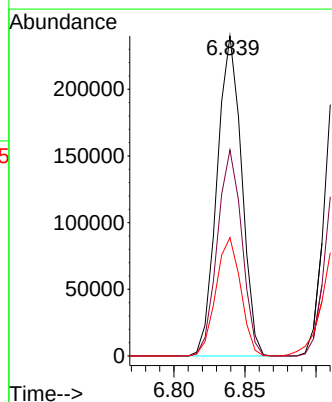
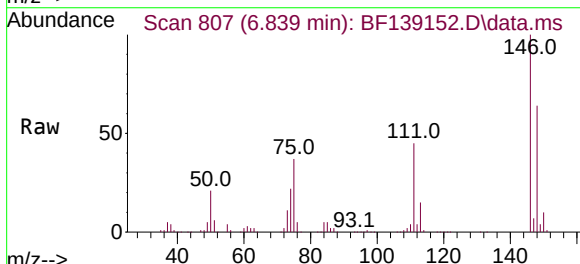
Manual Integrations
APPROVED

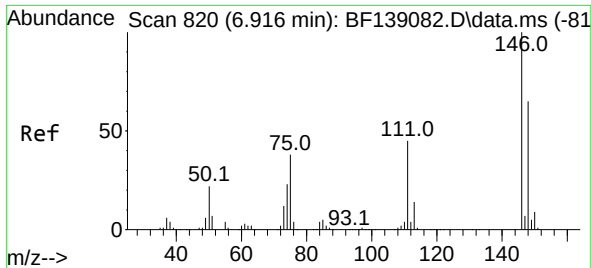
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#12
1,3-Dichlorobenzene
Concen: 46.600 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

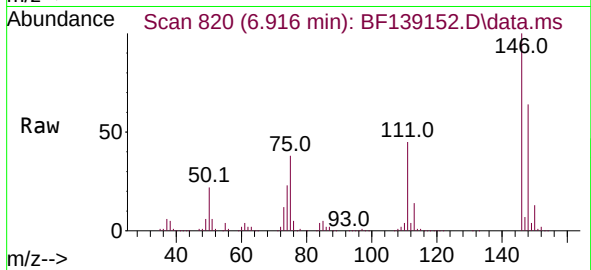
Tgt Ion:146 Resp: 288790
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 37.0 29.9 44.9





#13
1,4-Dichlorobenzene
Concen: 47.519 ng
RT: 6.916 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

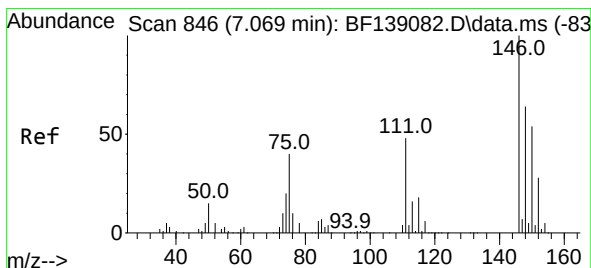
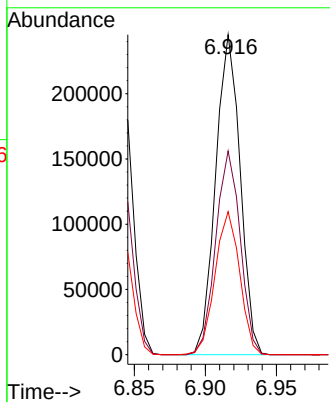
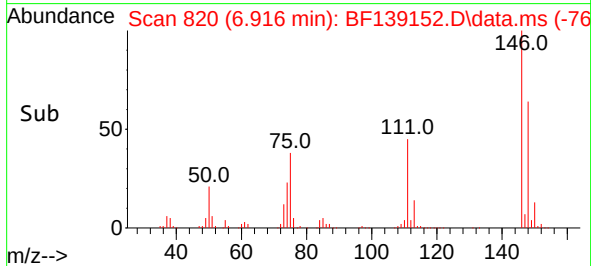
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



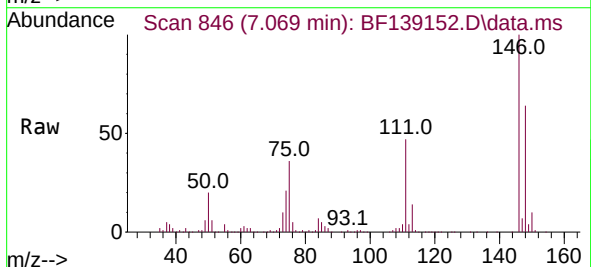
Tgt Ion:146 Resp: 294438
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
111 44.7 35.8 53.6

Manual Integrations
APPROVED

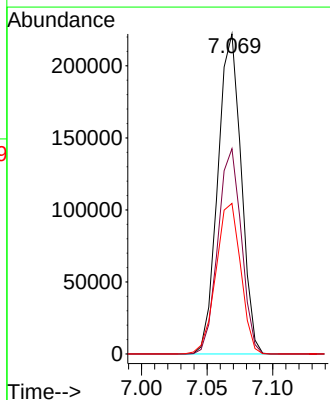
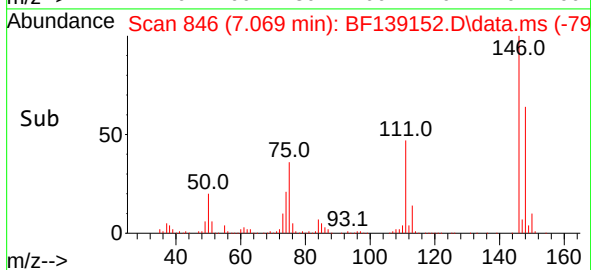
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

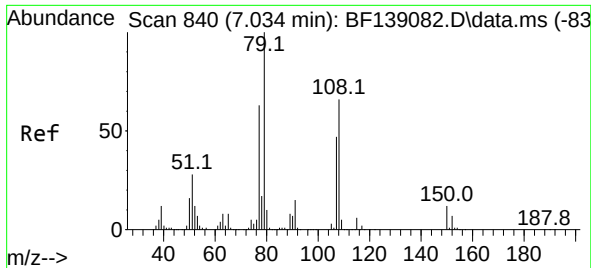


#14
1,2-Dichlorobenzene
Concen: 48.553 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



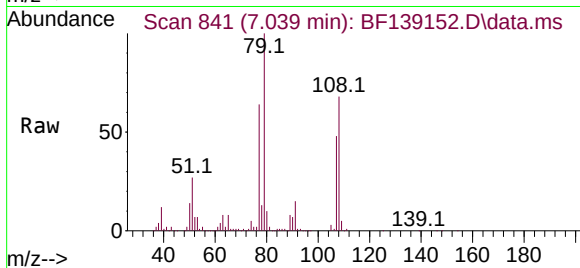
Tgt Ion:146 Resp: 274952
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 47.0 38.1 57.1





#15
Benzyl Alcohol
Concen: 49.565 ng
RT: 7.039 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

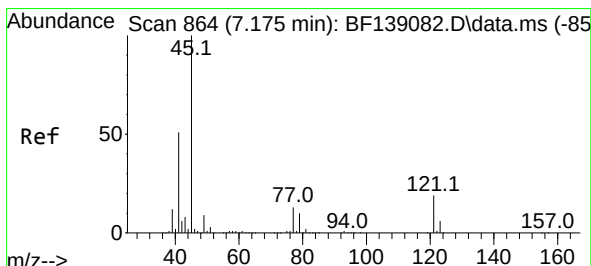
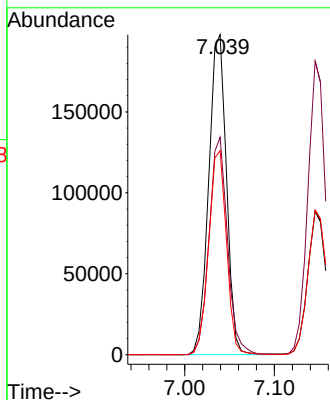
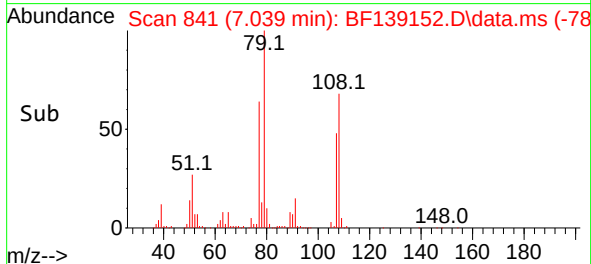
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion: 79 Resp: 27125
Ion Ratio Lower Upper
79 100
108 68.0 52.8 79.2
77 63.8 50.6 76.0

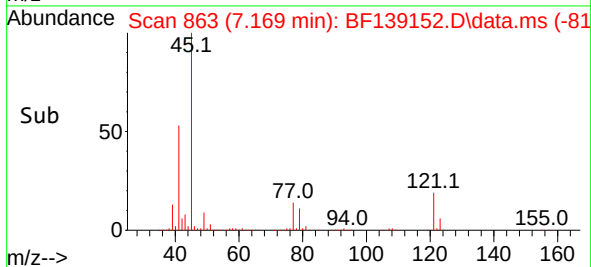
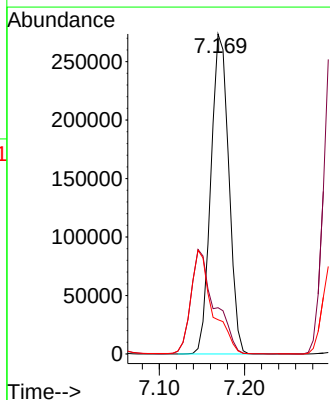
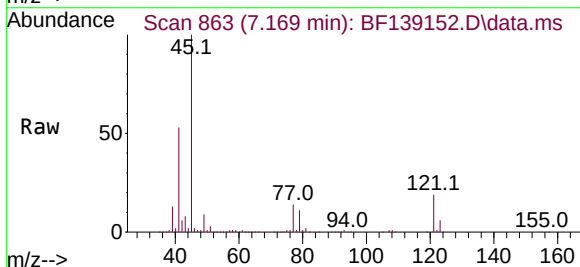
Manual Integrations
APPROVED

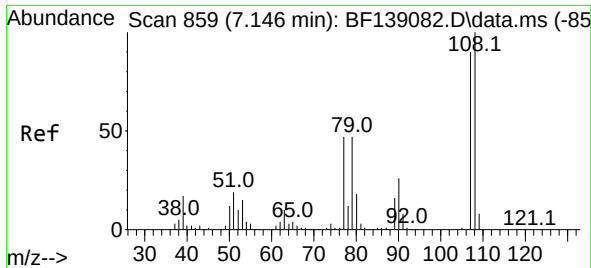
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.840 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

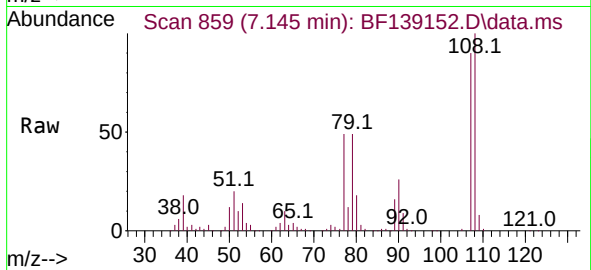
Tgt Ion: 45 Resp: 398621
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.7
79 10.7 0.0 30.4





#17
2-Methylphenol
Concen: 49.335 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

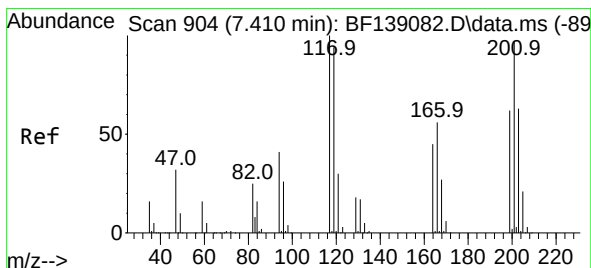
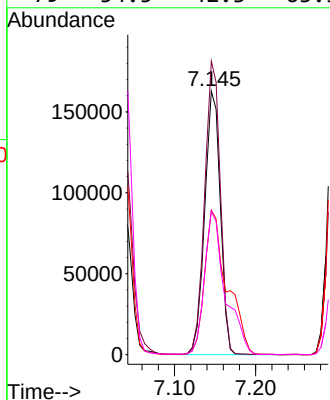
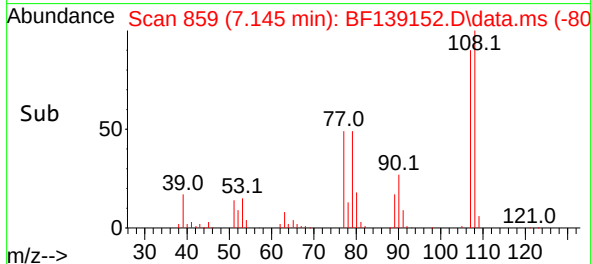
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion:107 Resp: 217540
Ion Ratio Lower Upper
107 100
108 111.4 89.1 133.7
77 54.9 42.1 63.1
79 54.5 42.3 63.5

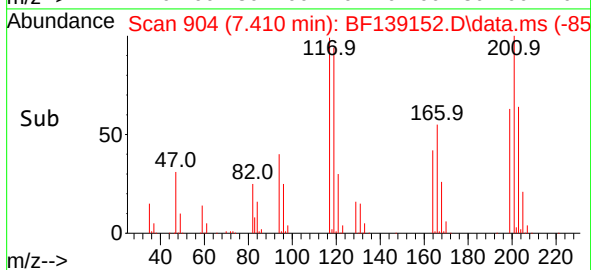
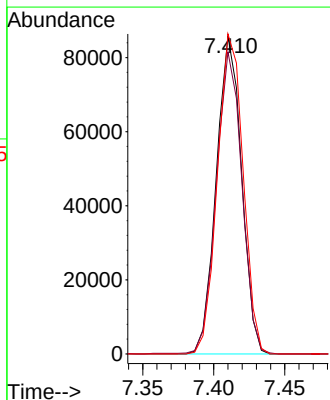
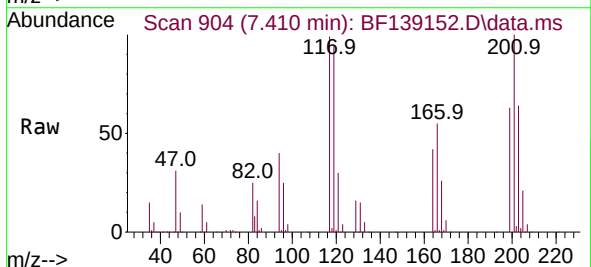
Manual Integrations
APPROVED

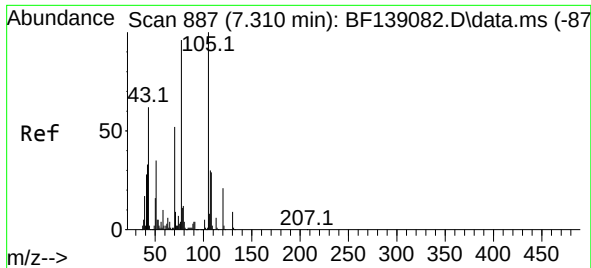
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#18
Hexachloroethane
Concen: 48.730 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

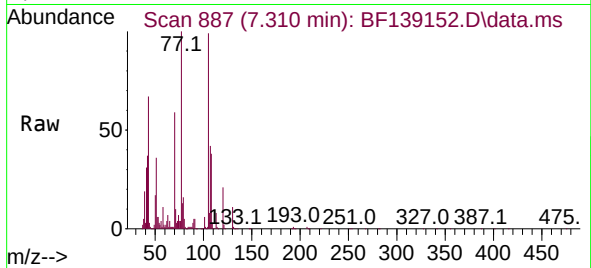
Tgt Ion:117 Resp: 105878
Ion Ratio Lower Upper
117 100
119 95.0 75.5 113.3
201 100.7 77.8 116.8





#19
n-Nitroso-di-n-propylamine
Concen: 46.839 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

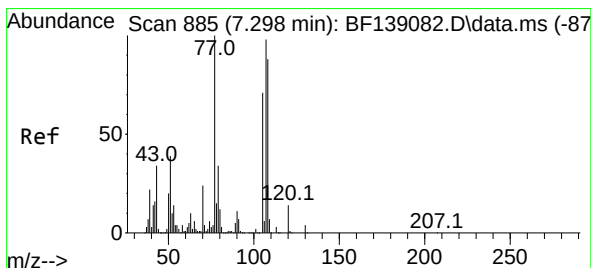
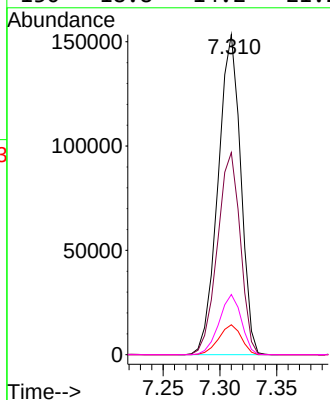
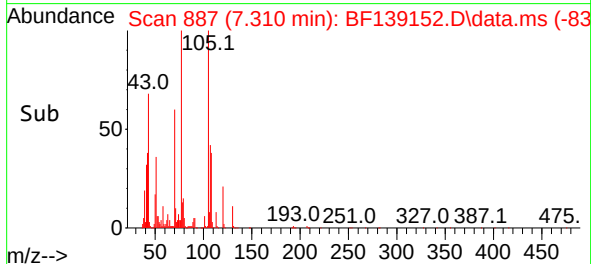
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion: 70 Resp: 212989
Ion Ratio Lower Upper
70 100
42 63.1 50.5 75.7
101 9.4 7.2 10.8
130 18.8 14.2 21.2

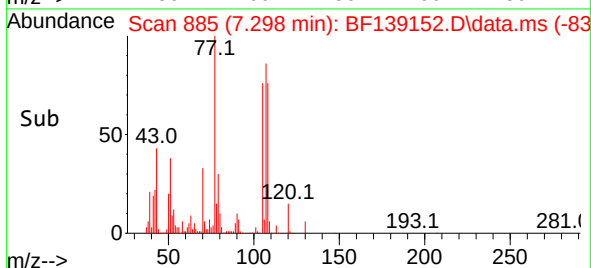
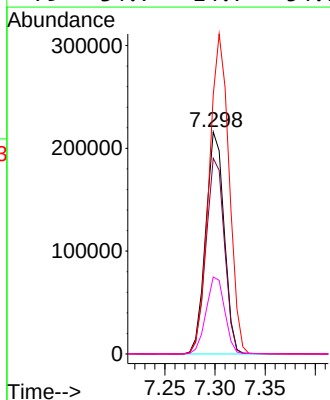
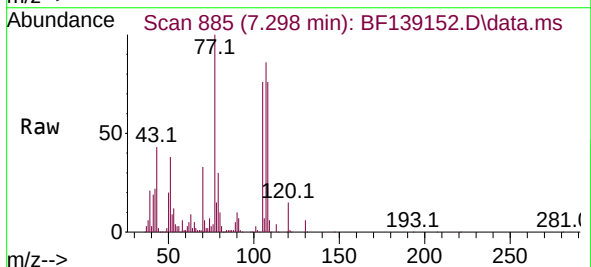
Manual Integrations
APPROVED

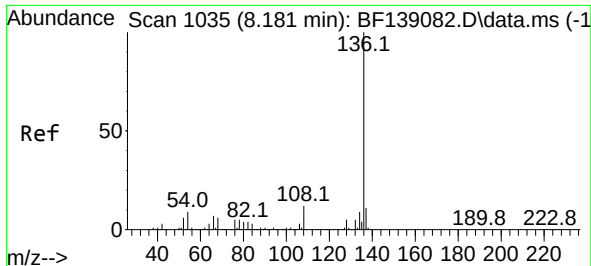
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#20
3+4-Methylphenols
Concen: 48.433 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

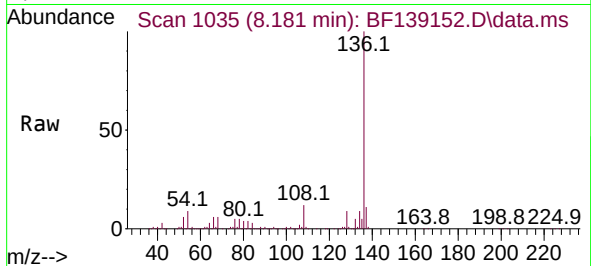
Tgt Ion:107 Resp: 276709
Ion Ratio Lower Upper
107 100
108 88.1 70.2 110.2
77 116.6 82.7 122.7
79 34.7 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

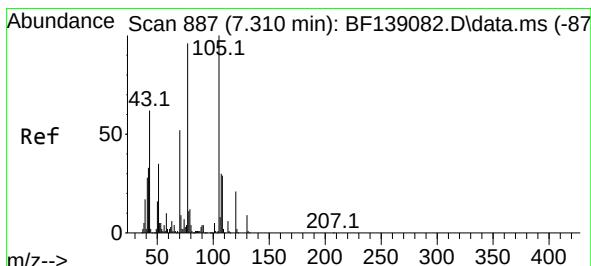
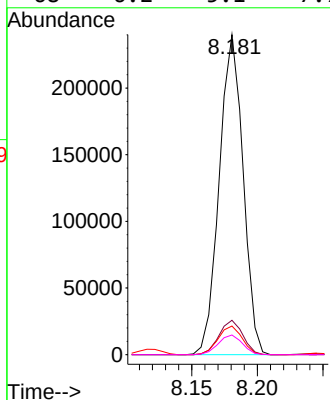
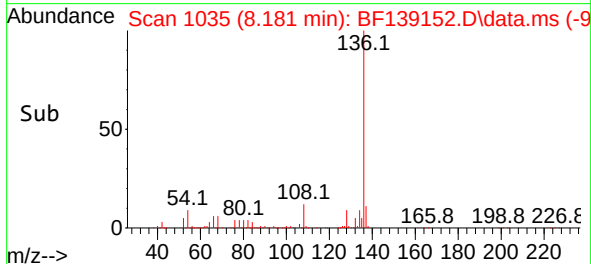
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion:136 Resp: 30305
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.0 7.6 11.4
68 6.2 5.1 7.7

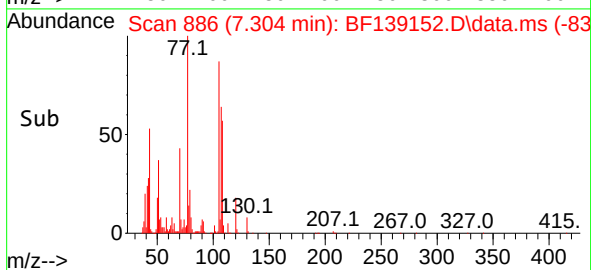
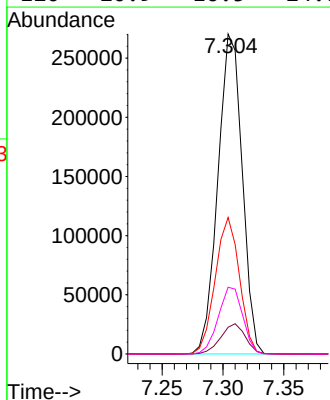
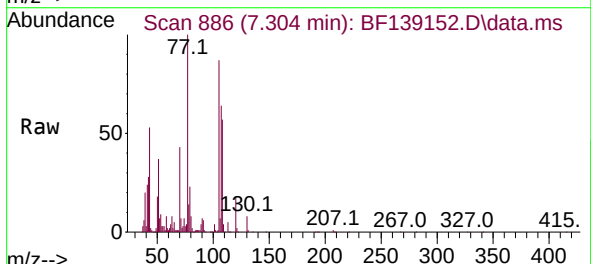
Manual Integrations
APPROVED

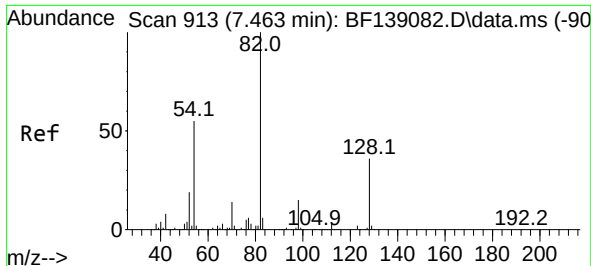
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#22
Acetophenone
Concen: 48.565 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

Tgt Ion:105 Resp: 375786
Ion Ratio Lower Upper
105 100
71 8.3 7.0 10.6
51 42.6 28.0 42.0#
120 20.9 16.5 24.7





#23

Nitrobenzene-d5

Concen: 78.735 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139152.D

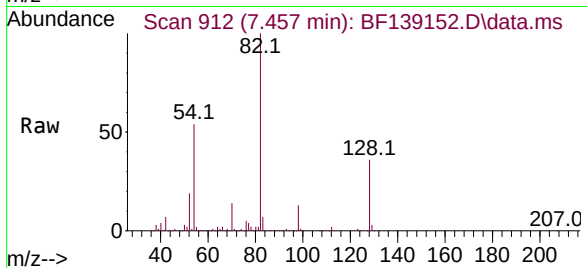
Acq: 23 Aug 2024 17:43

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MS



Tgt Ion: 82 Resp: 409486

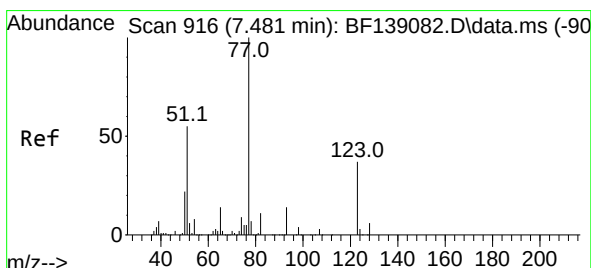
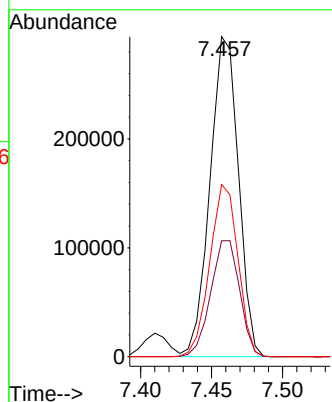
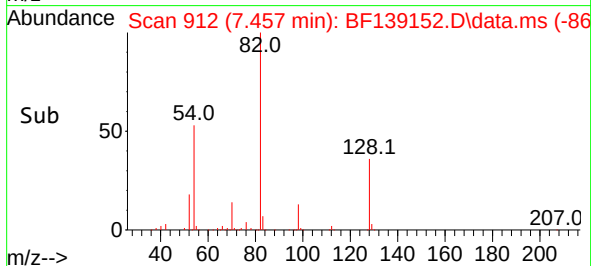
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.0	43.4
54	53.8	43.4	65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#24

Nitrobenzene

Concen: 54.539 ng

RT: 7.481 min Scan# 916

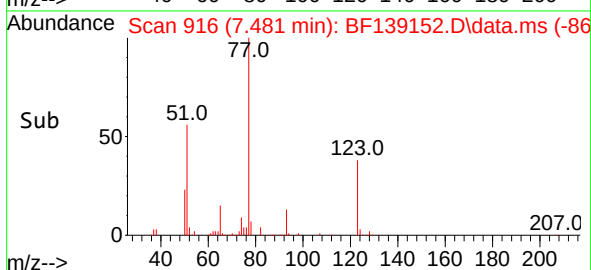
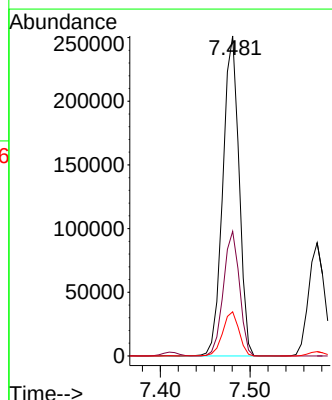
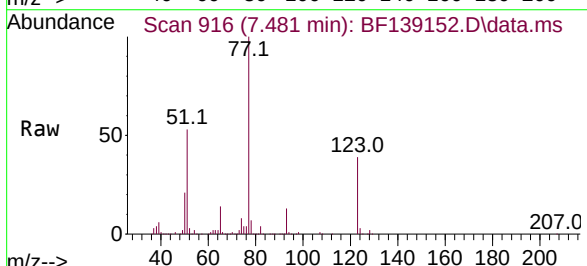
Delta R.T. -0.000 min

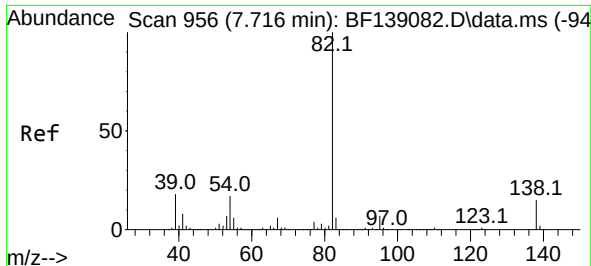
Lab File: BF139152.D

Acq: 23 Aug 2024 17:43

Tgt Ion: 77 Resp: 315285

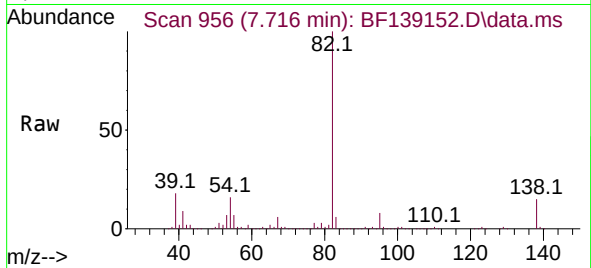
Ion	Ratio	Lower	Upper
77	100		
123	38.9	30.3	45.5
65	13.8	11.3	16.9





#25
Isophorone
Concen: 50.669 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

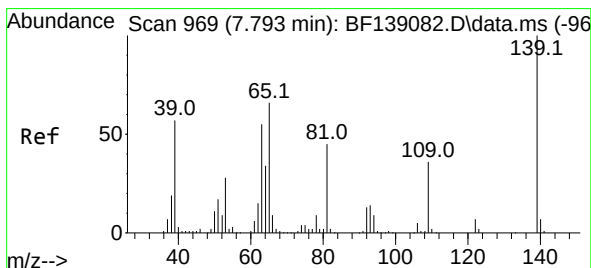
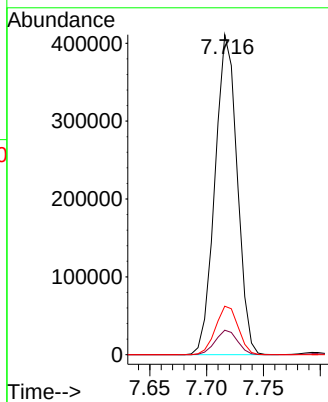
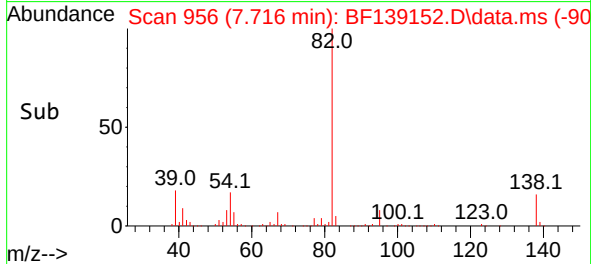
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion: 82 Resp: 560104
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 15.1 11.8 17.8

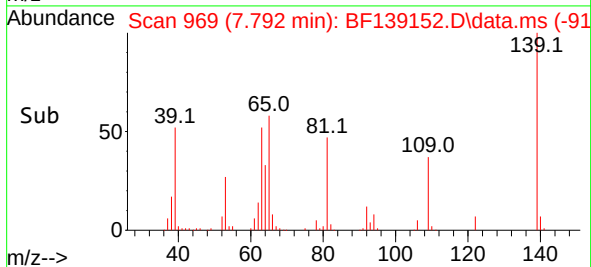
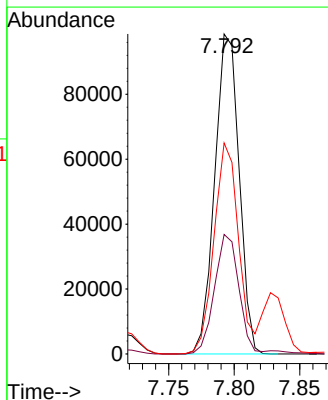
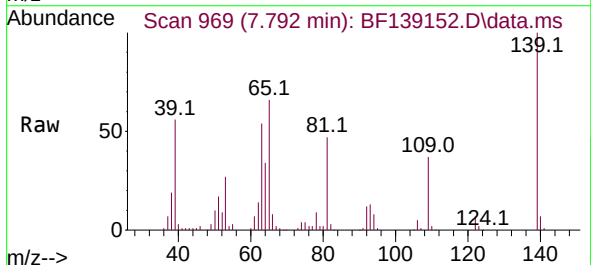
Manual Integrations
APPROVED

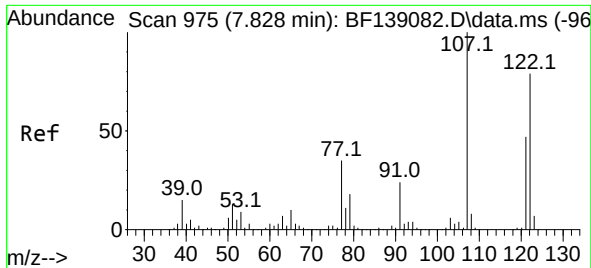
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#26
2-Nitrophenol
Concen: 61.490 ng
RT: 7.792 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

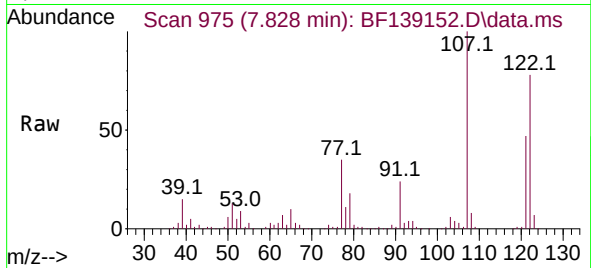
Tgt Ion:139 Resp: 127543
Ion Ratio Lower Upper
139 100
109 37.3 29.2 43.8
65 65.9 52.7 79.1





#27
2,4-Dimethylphenol
Concen: 59.097 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

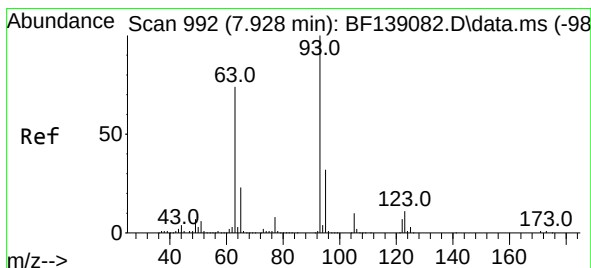
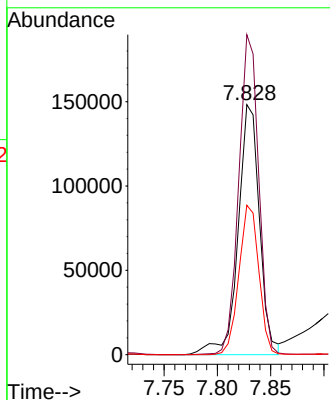
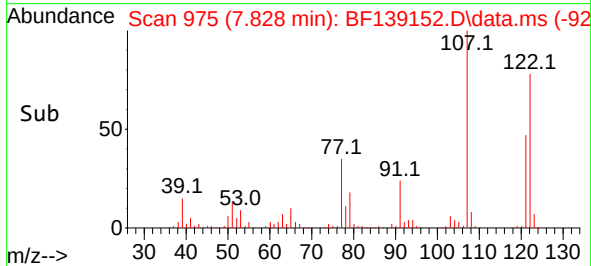
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion:122 Resp: 207154
Ion Ratio Lower Upper
122 100
107 127.9 101.1 151.7
121 59.7 47.5 71.3

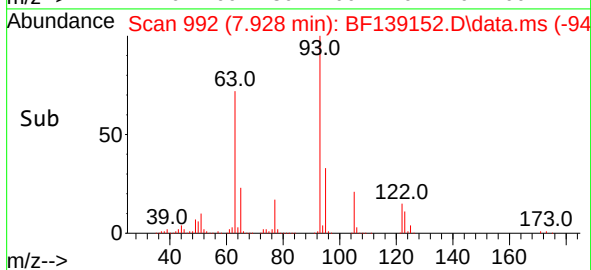
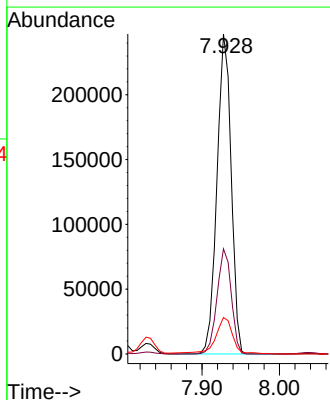
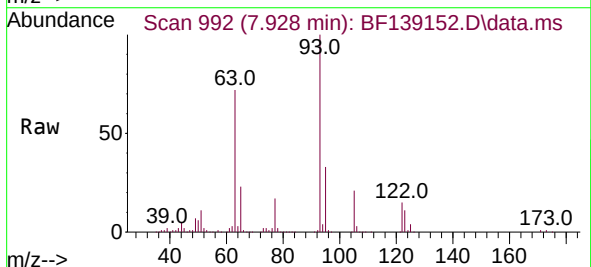
Manual Integrations
APPROVED

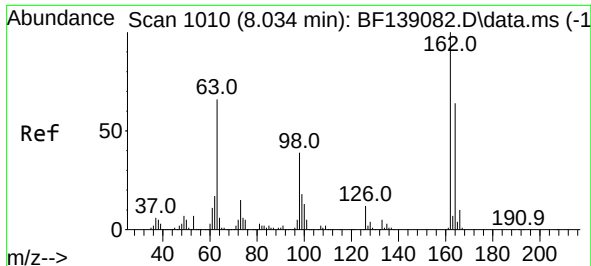
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.624 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

Tgt Ion: 93 Resp: 314060
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.8
123 11.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.708 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139152.D

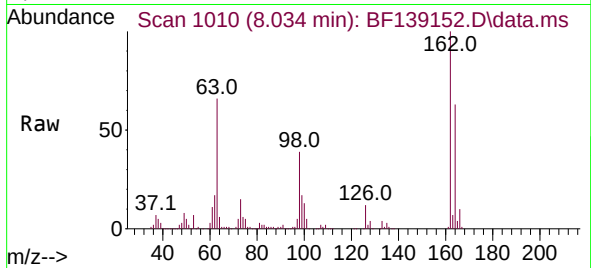
Acq: 23 Aug 2024 17:43

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MS



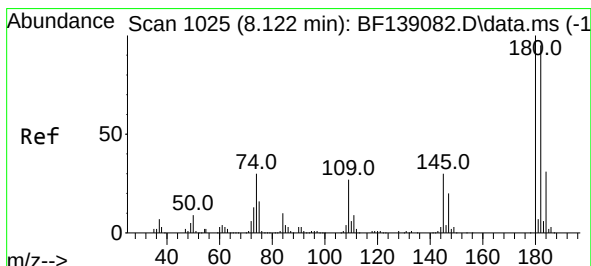
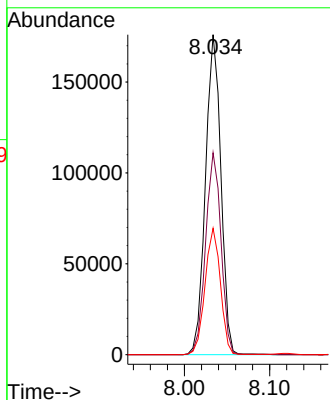
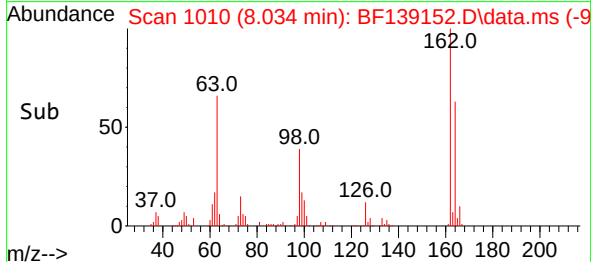
Tgt Ion:162	Resp:	22144
Ion Ratio	Lower	Upper
162	100	
164	63.1	43.9 83.9
98	39.5	19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.198 ng

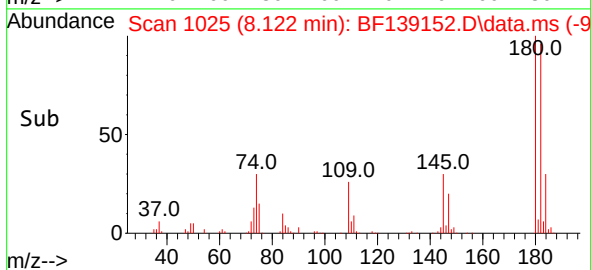
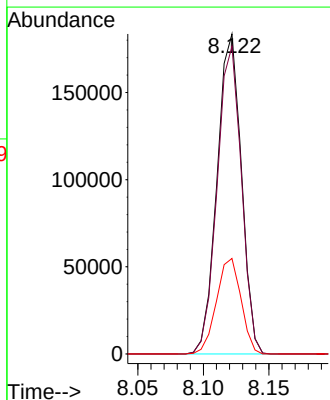
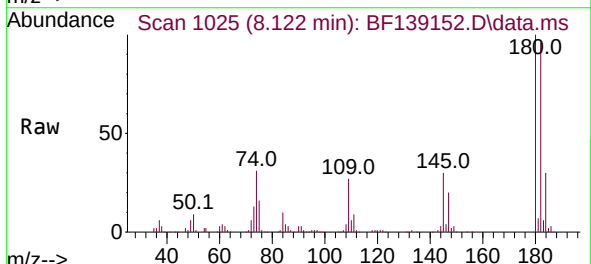
RT: 8.122 min Scan# 1025

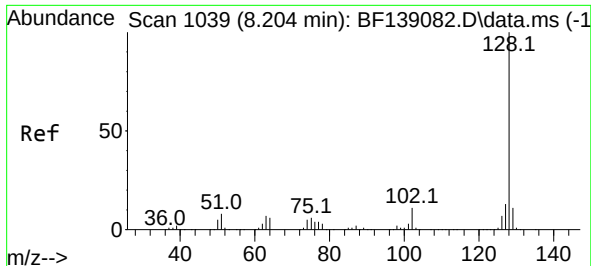
Delta R.T. -0.000 min

Lab File: BF139152.D

Acq: 23 Aug 2024 17:43

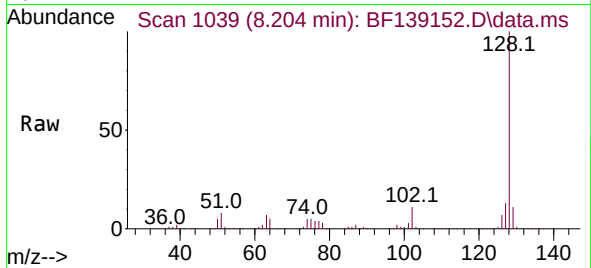
Tgt Ion:180	Resp:	236235
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.1 114.1
145	29.8	23.9 35.9





#31
Naphthalene
Concen: 48.581 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

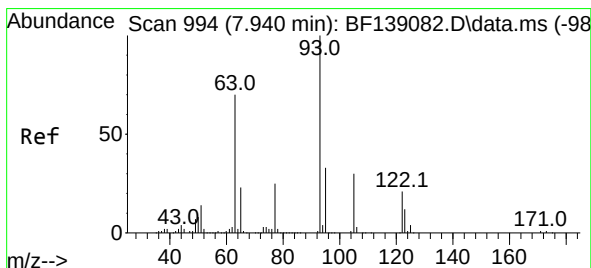
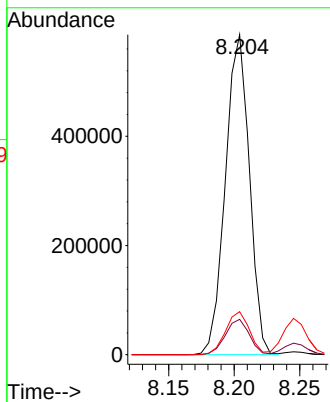
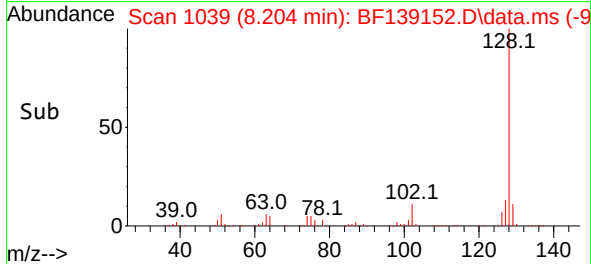
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion:128 Resp: 746058
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.7 16.1

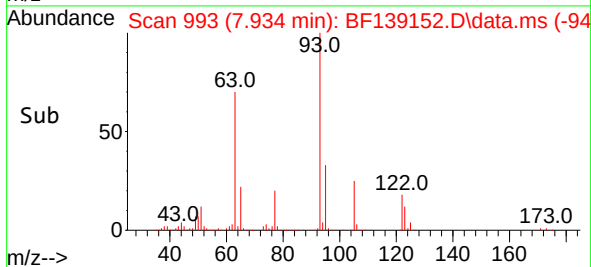
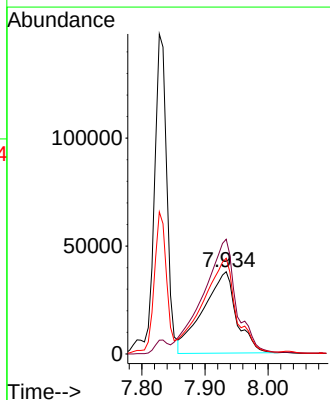
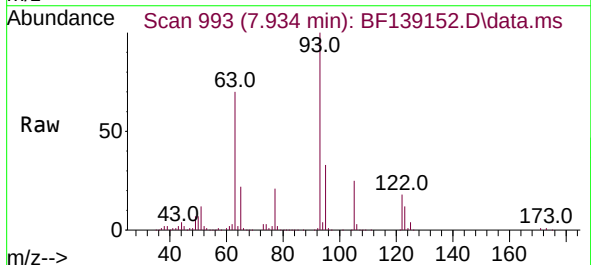
Manual Integrations
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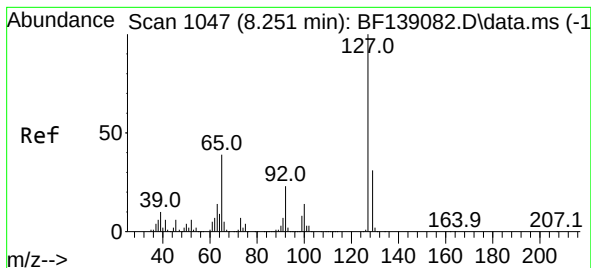
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#32
Benzoic acid
Concen: 47.595 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

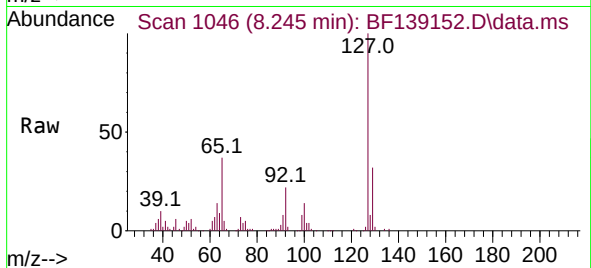
Tgt Ion:122 Resp: 138686
Ion Ratio Lower Upper
122 100
105 139.6 119.6 159.6
77 116.4 97.6 137.6





#33
4-Chloroaniline
Concen: 16.356 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

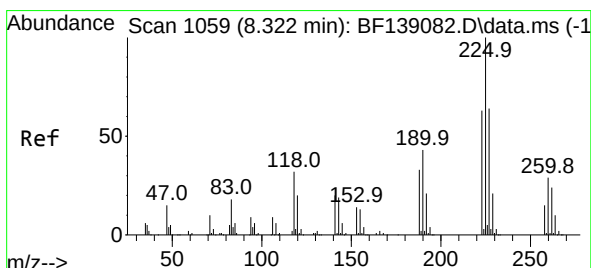
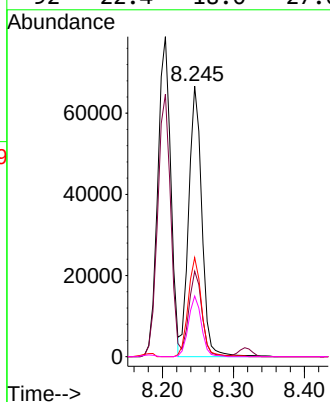
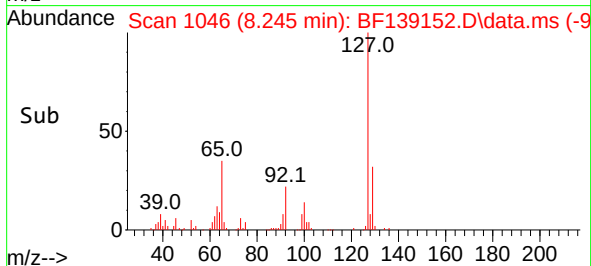
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion:127 Resp: 86029
Ion Ratio Lower Upper
127 100
129 31.6 26.0 39.0
65 36.6 30.3 45.5
92 22.4 18.0 27.0

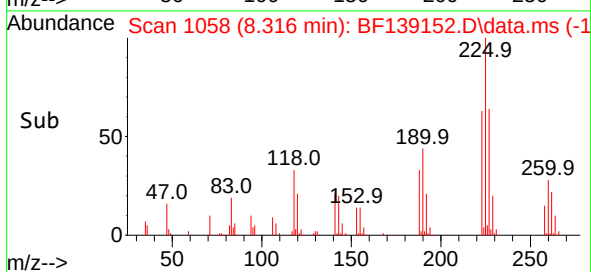
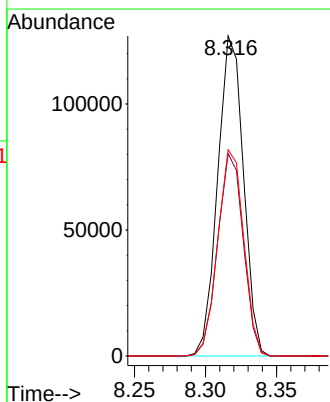
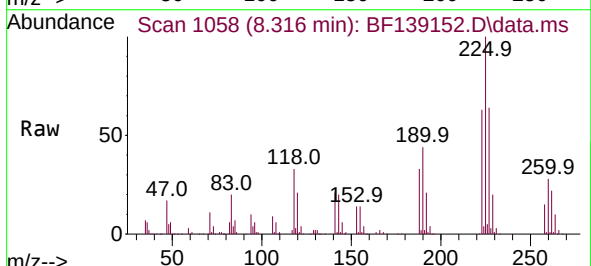
Manual Integrations
APPROVED

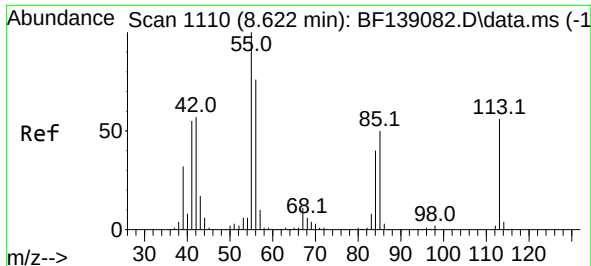
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#34
Hexachlorobutadiene
Concen: 47.989 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

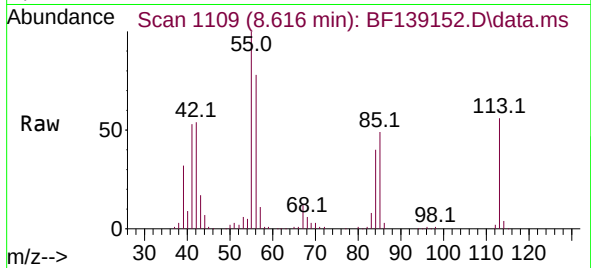
Tgt Ion:225 Resp: 160299
Ion Ratio Lower Upper
225 100
223 63.2 50.0 75.0
227 64.4 51.4 77.2





#35
Caprolactam
Concen: 46.877 ng/ml
RT: 8.616 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

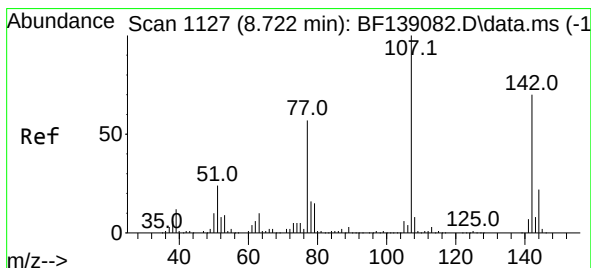
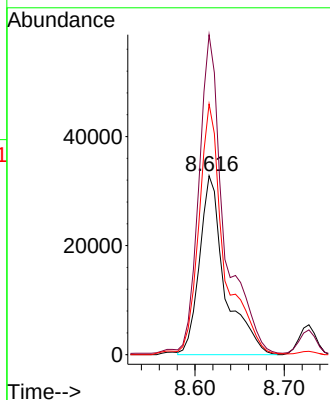
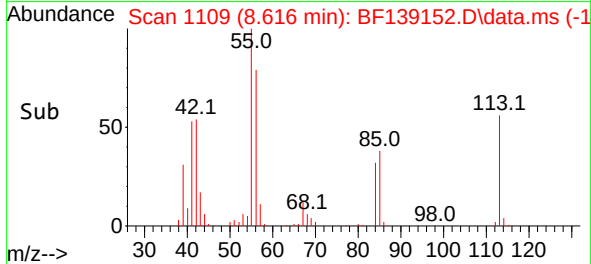
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MS



Tgt Ion:113 Resp: 6490
Ion Ratio Lower Upper
113 100
55 178.9 158.6 198.6
56 140.1 115.9 155.9

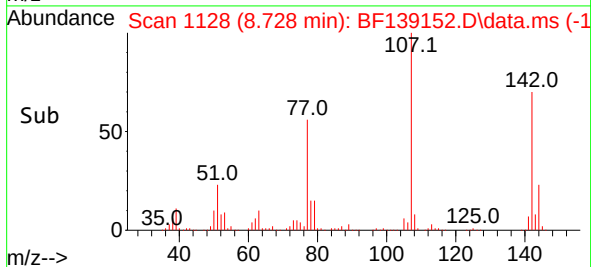
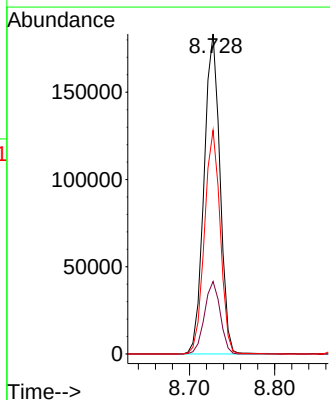
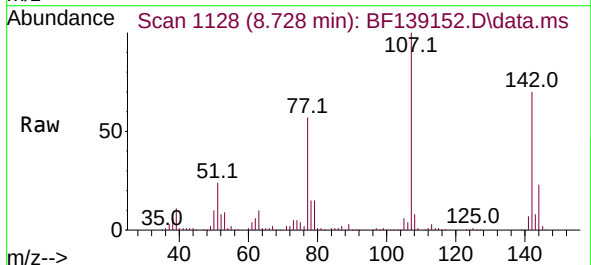
Manual Integrations
APPROVED

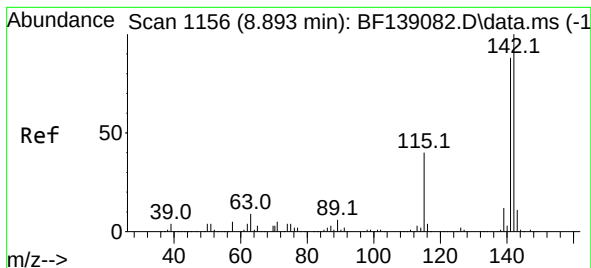
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#36
4-Chloro-3-methylphenol
Concen: 49.094 ng/ml
RT: 8.728 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

Tgt Ion:107 Resp: 237386
Ion Ratio Lower Upper
107 100
144 22.7 17.7 26.5
142 69.9 55.6 83.4





#37

2-Methylnaphthalene

Concen: 49.050 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF139152.D

Acq: 23 Aug 2024 17:43

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MS

Tgt Ion:142 Resp: 483162

Ion Ratio Lower Upper

142 100

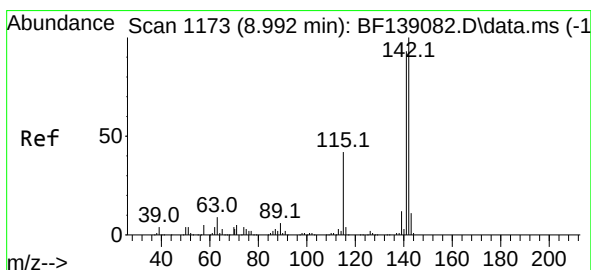
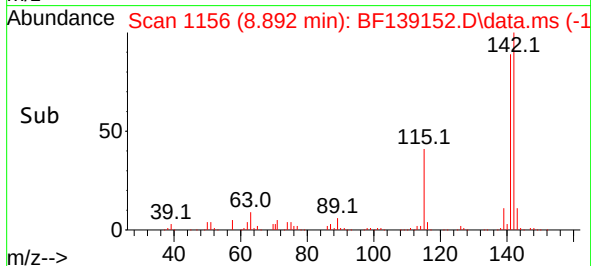
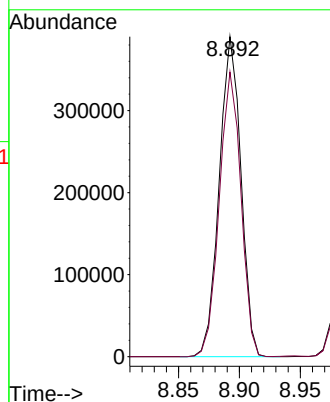
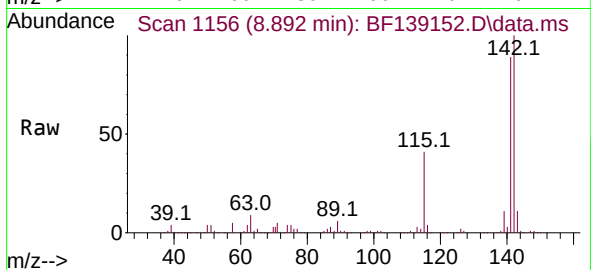
141 88.9 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#38

1-Methylnaphthalene

Concen: 47.015 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF139152.D

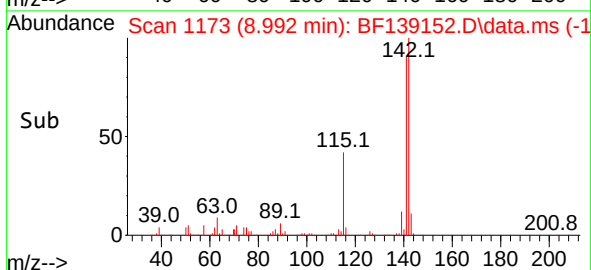
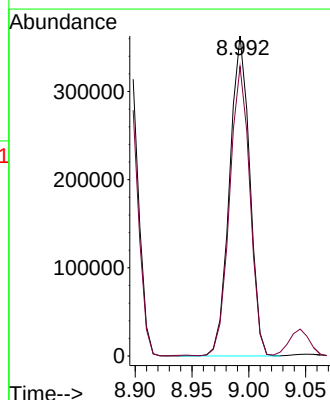
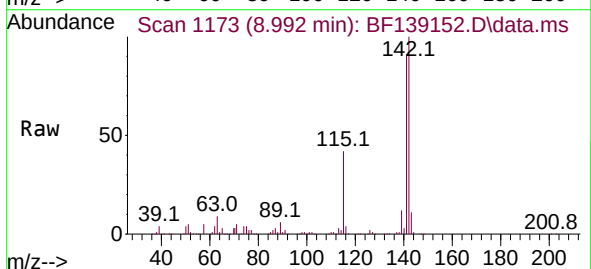
Acq: 23 Aug 2024 17:43

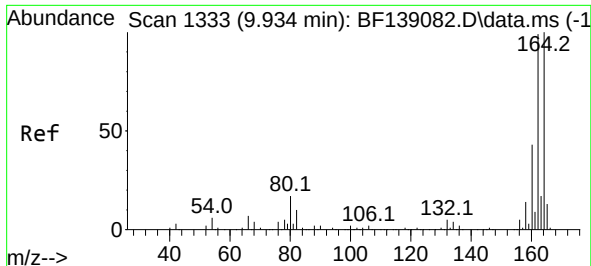
Tgt Ion:142 Resp: 446964

Ion Ratio Lower Upper

142 100

141 90.5 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1184

Delta R.T. -0.001 min

Lab File: BF139152.D

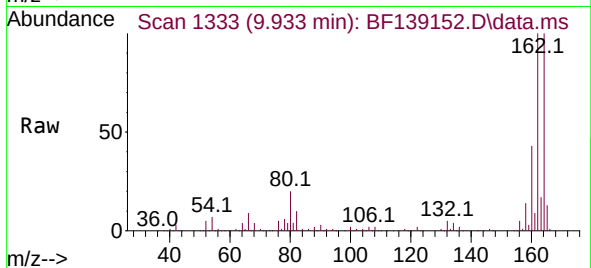
Acq: 23 Aug 2024 17:43

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MS



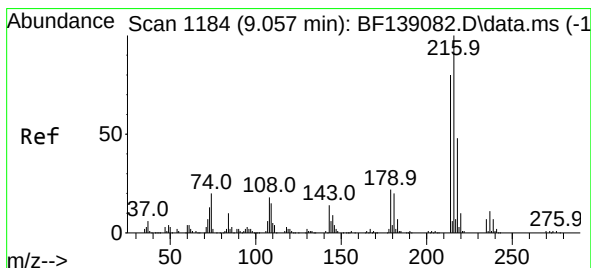
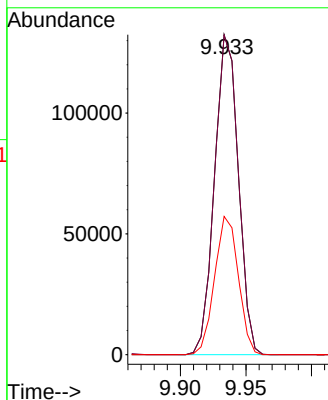
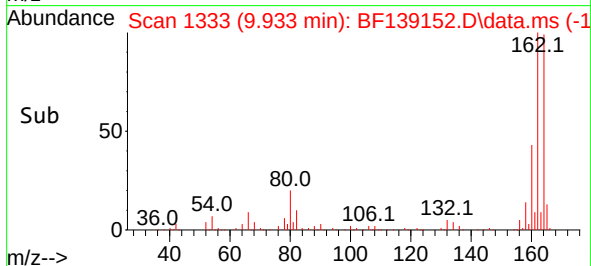
Tgt Ion:	164	Resp:	16670
Ion Ratio	100	Lower	Upper
164	100		
162	99.9	79.5	119.3
160	43.2	34.5	51.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.099 ng

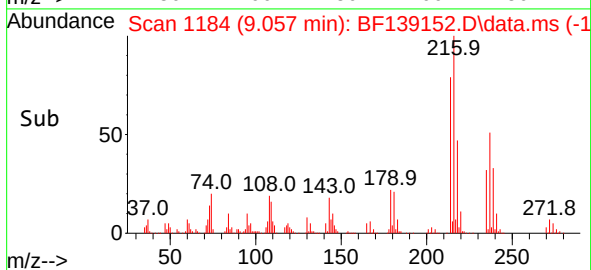
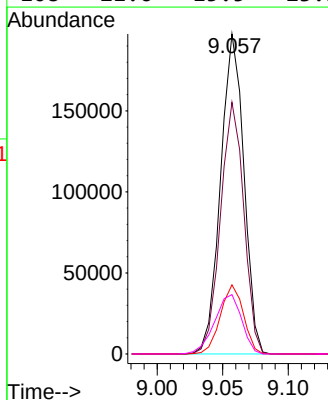
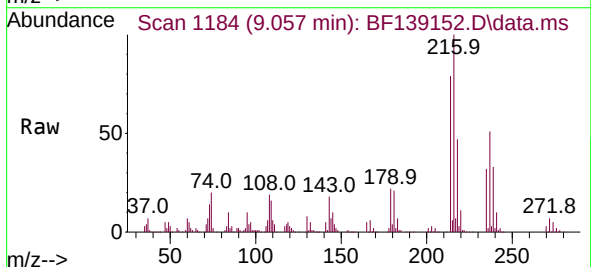
RT: 9.057 min Scan# 1184

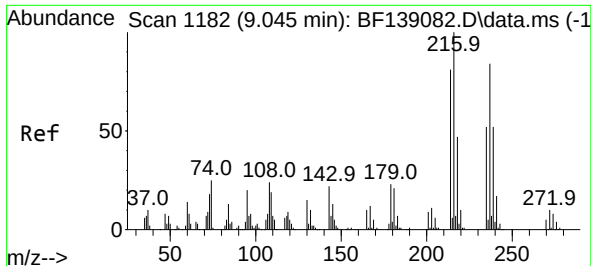
Delta R.T. -0.000 min

Lab File: BF139152.D

Acq: 23 Aug 2024 17:43

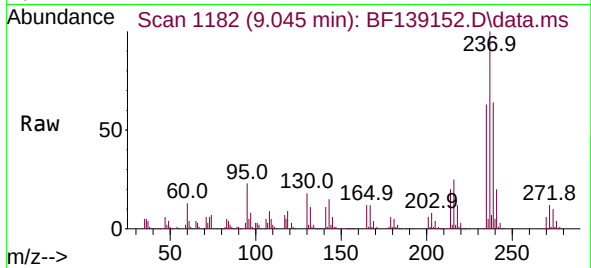
Tgt Ion:	216	Resp:	243754
Ion Ratio	100	Lower	Upper
216	100		
214	78.4	64.2	96.2
179	21.4	17.4	26.2
108	21.6	15.5	23.3





#41
Hexachlorocyclopentadiene
Concen: 187.760 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

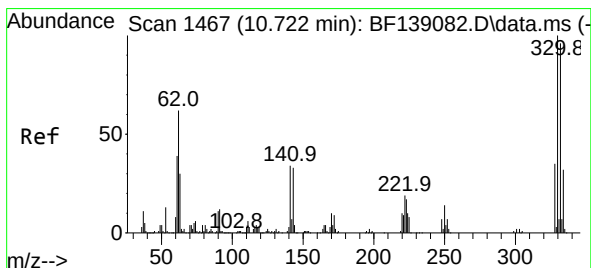
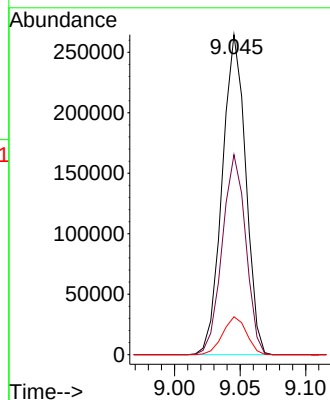
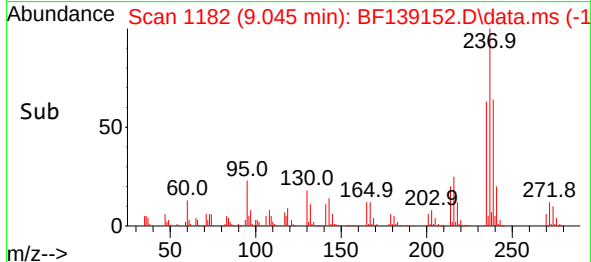
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



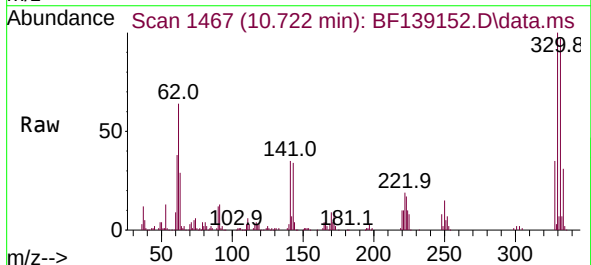
Tgt Ion:237 Resp: 329352
Ion Ratio Lower Upper
237 100
235 62.5 42.5 82.5
272 11.9 0.0 32.0

Manual Integrations
APPROVED

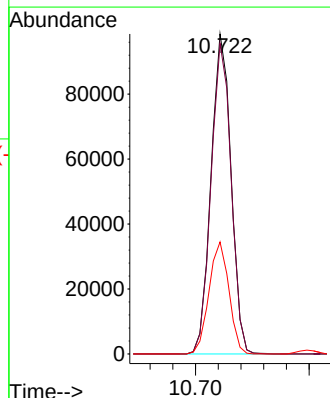
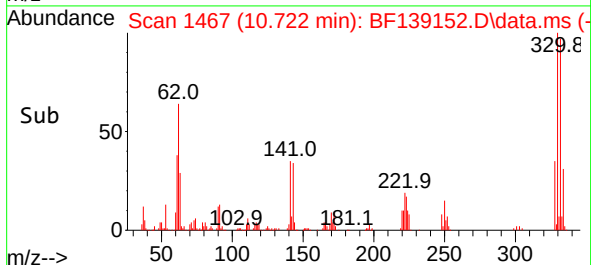
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

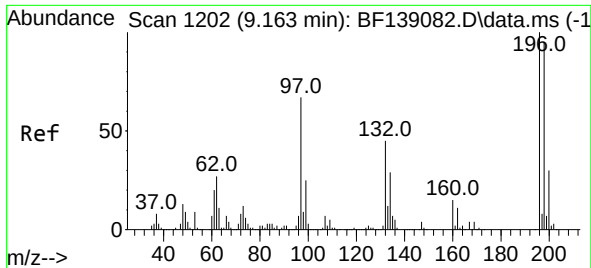


#42
2,4,6-Tribromophenol
Concen: 79.735 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



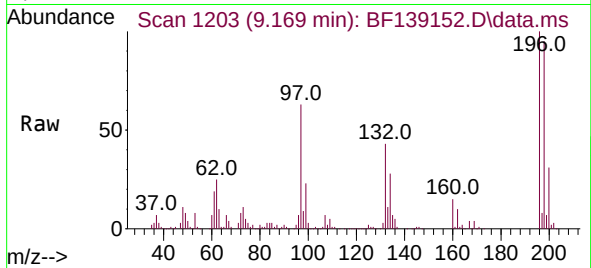
Tgt Ion:330 Resp: 120334
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 34.9 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 52.211 ng
RT: 9.169 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

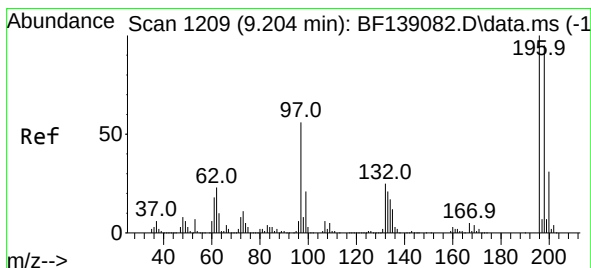
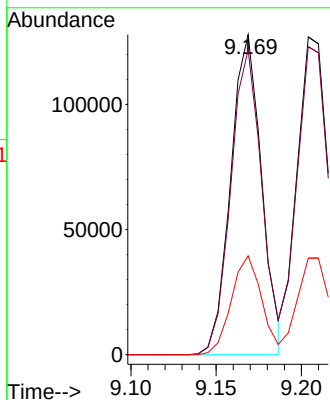
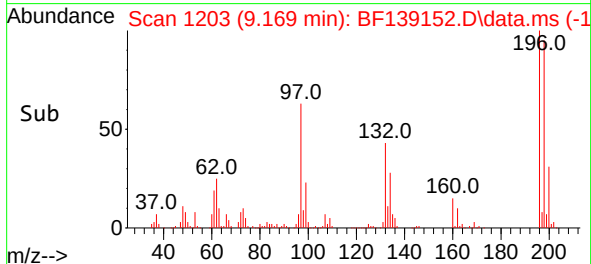
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



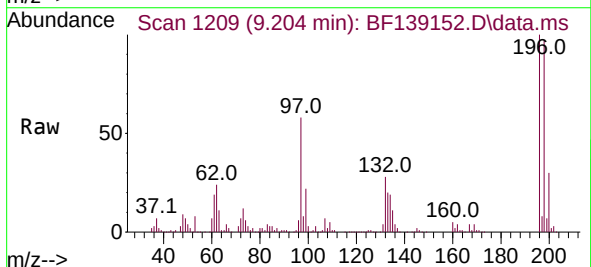
Tgt Ion:196 Resp: 160808
Ion Ratio Lower Upper
196 100
198 95.3 76.4 114.6
200 30.9 23.8 35.8

Manual Integrations
APPROVED

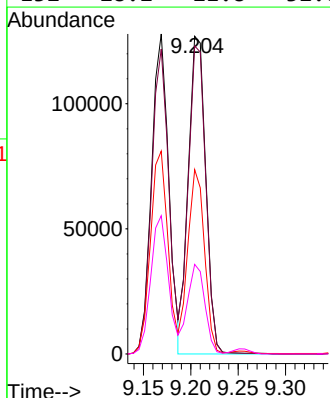
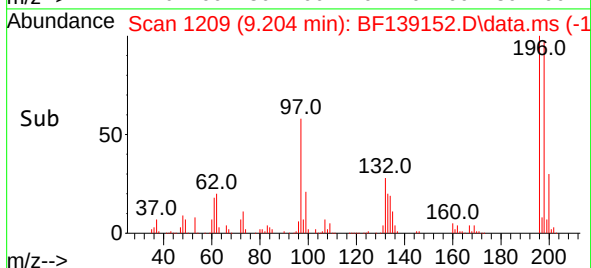
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

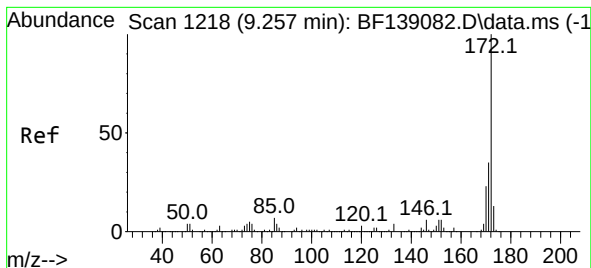


#44
2,4,5-Trichlorophenol
Concen: 51.715 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



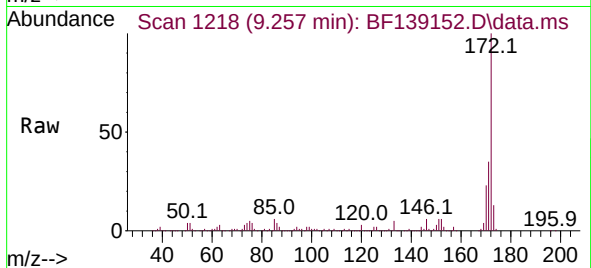
Tgt Ion:196 Resp: 163494
Ion Ratio Lower Upper
196 100
198 96.9 76.6 114.8
97 58.0 44.6 67.0
132 28.2 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 49.026 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

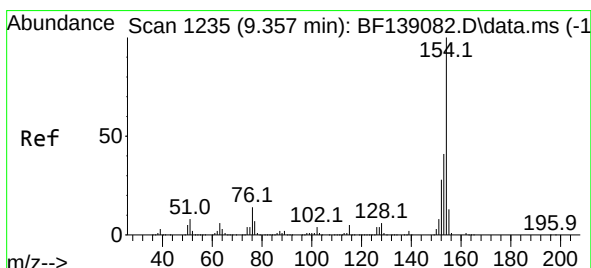
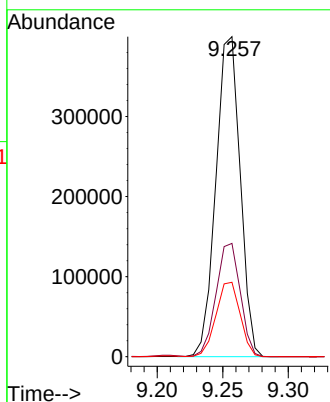
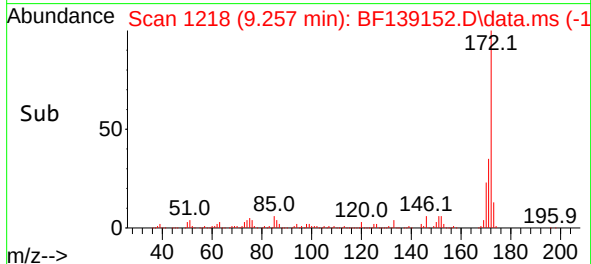
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MS



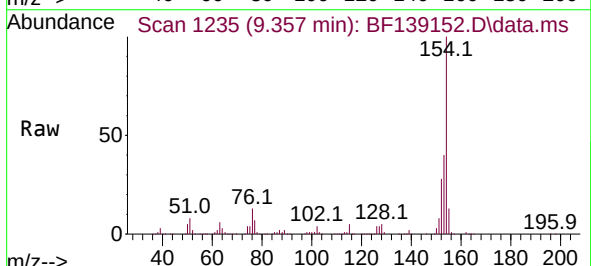
Tgt Ion:172 Resp: 51512
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 18.8 28.2

Manual Integrations
APPROVED

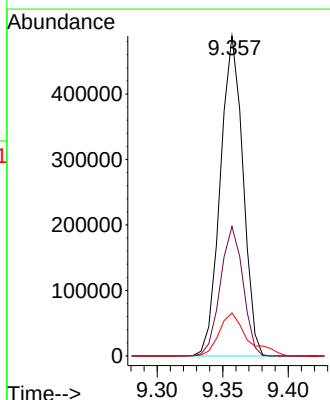
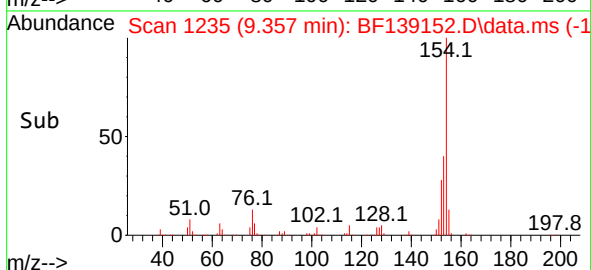
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

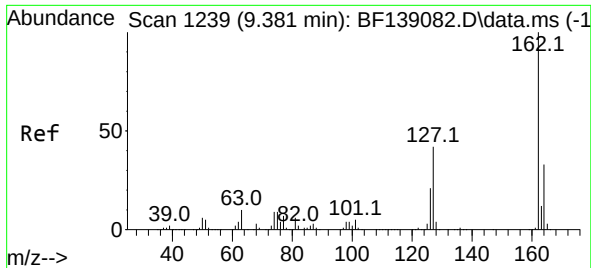


#46
1,1'-Biphenyl
Concen: 51.356 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



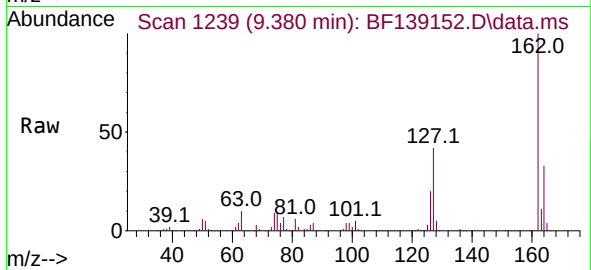
Tgt Ion:154 Resp: 586478
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 13.4 0.0 33.6





#47
2-Chloronaphthalene
Concen: 49.521 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.001 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

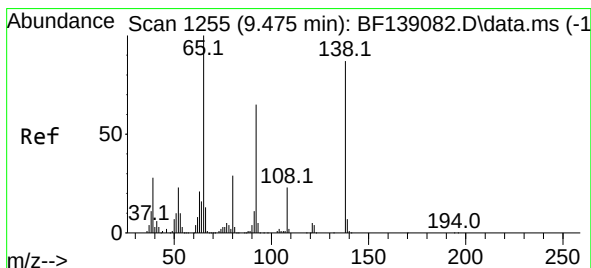
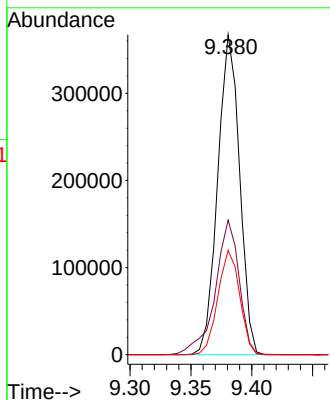
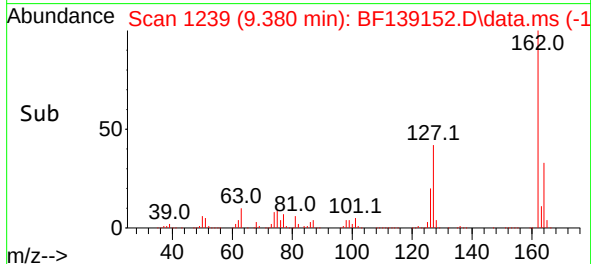
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MS



Tgt Ion:162 Resp: 45950
Ion Ratio Lower Upper
162 100
127 42.0 33.8 50.6
164 32.6 26.3 39.5

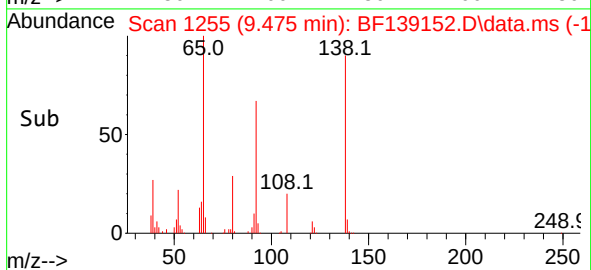
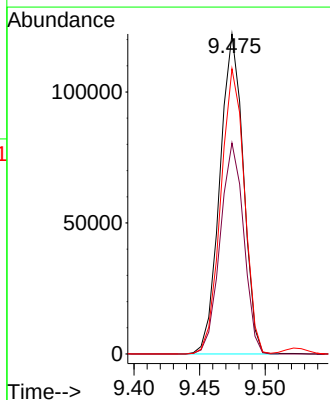
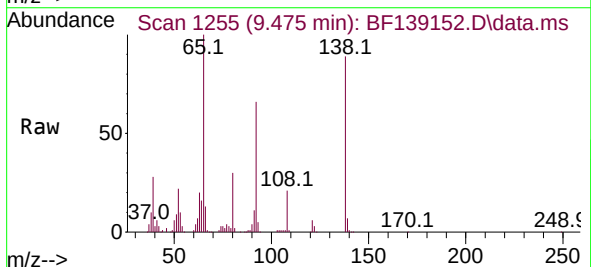
Manual Integrations
APPROVED

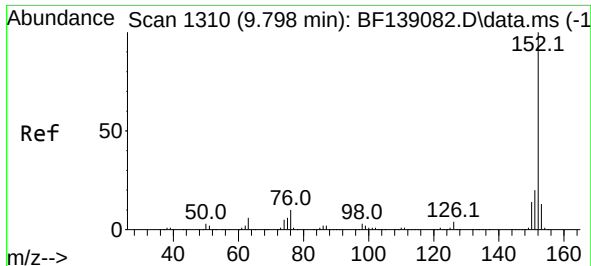
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#48
2-Nitroaniline
Concen: 56.038 ng
RT: 9.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

Tgt Ion: 65 Resp: 151884
Ion Ratio Lower Upper
65 100
92 66.0 52.4 78.6
138 89.2 69.4 104.0





#49

Acenaphthylene

Concen: 53.577 ng

RT: 9.798 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF139152.D

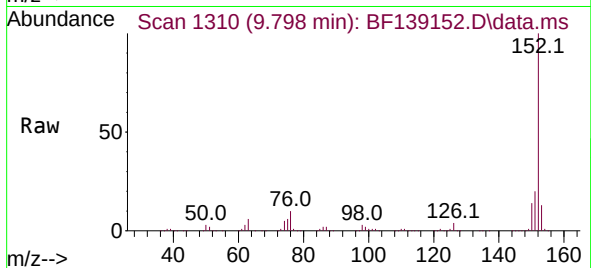
Acq: 23 Aug 2024 17:43

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MS



Tgt Ion:152 Resp: 712148

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

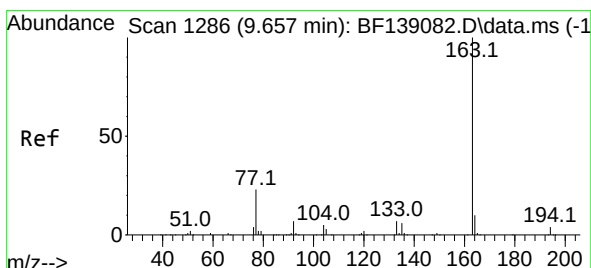
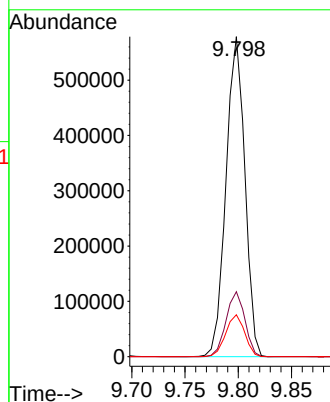
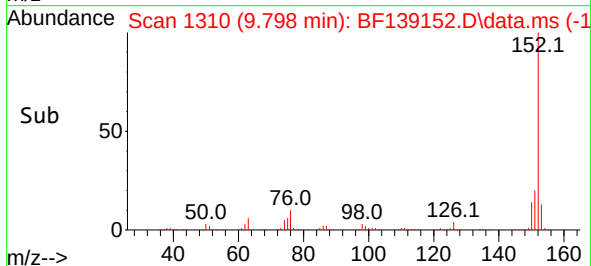
153 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#50

Dimethylphthalate

Concen: 52.794 ng

RT: 9.657 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BF139152.D

Acq: 23 Aug 2024 17:43

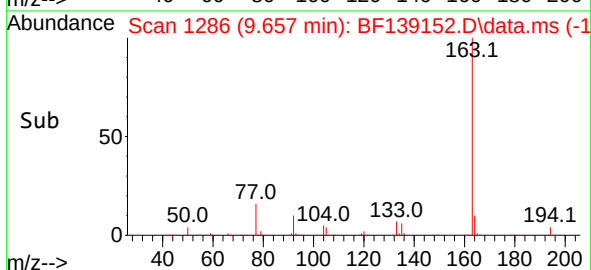
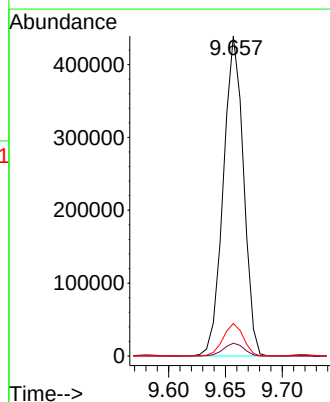
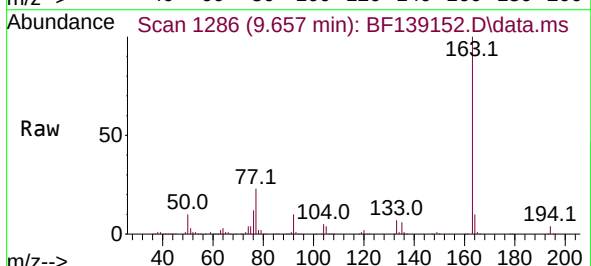
Tgt Ion:163 Resp: 543350

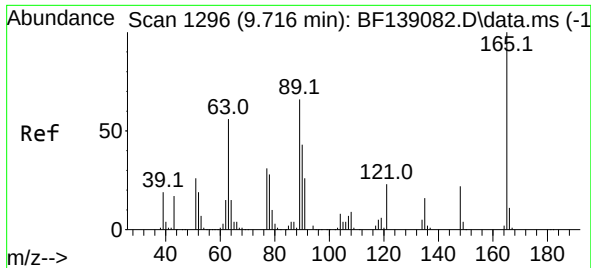
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

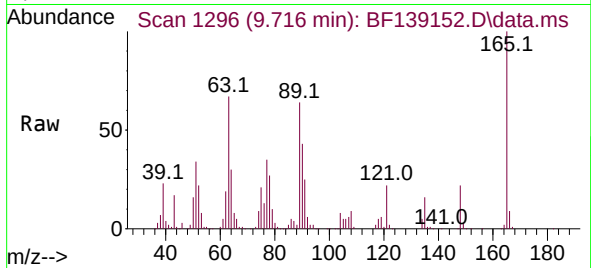
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 54.585 ng
RT: 9.716 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

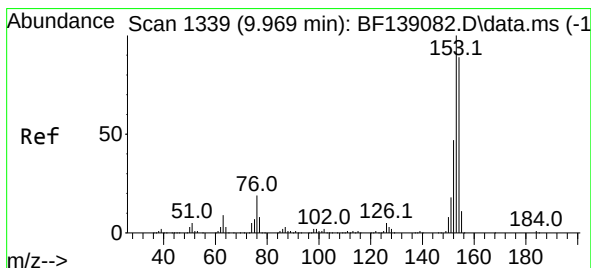
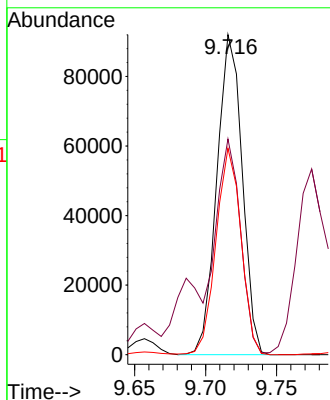
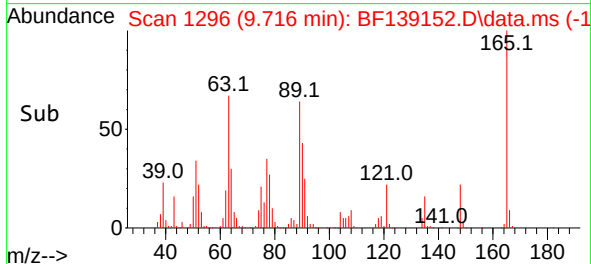
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MS



Tgt Ion:165 Resp: 114095
Ion Ratio Lower Upper
165 100
63 67.4 58.0 87.0
89 64.5 53.3 79.9

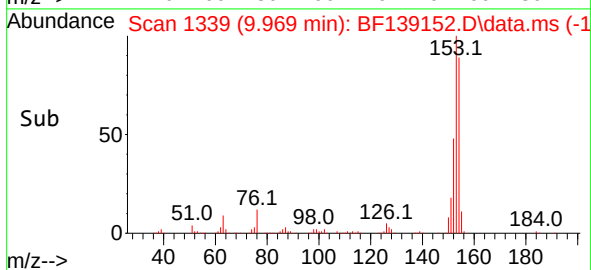
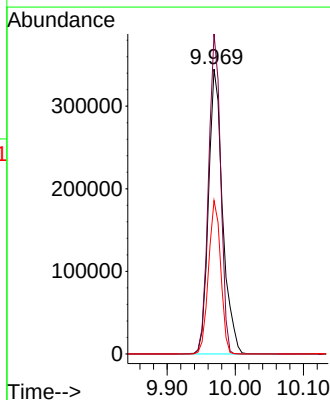
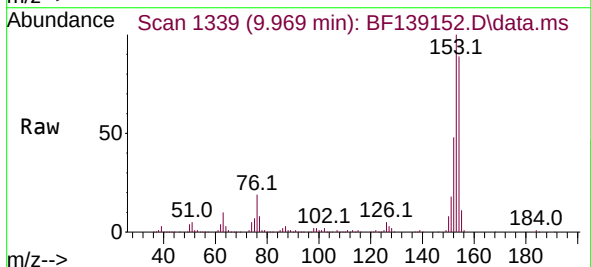
Manual Integrations
APPROVED

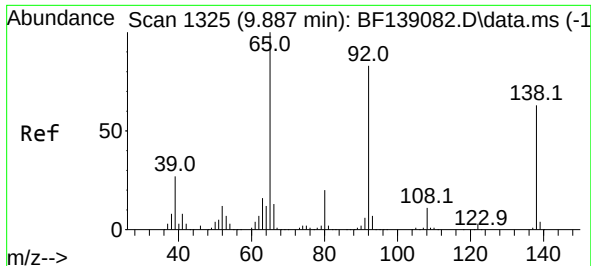
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#52
Acenaphthene
Concen: 56.573 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

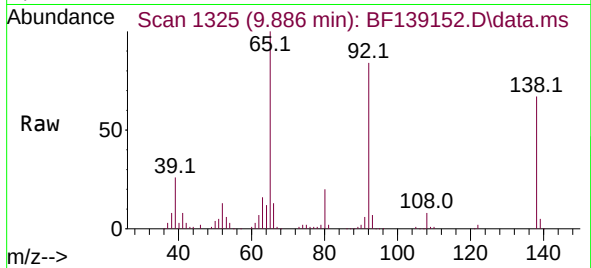
Tgt Ion:154 Resp: 496727
Ion Ratio Lower Upper
154 100
153 112.4 89.7 134.5
152 53.9 42.3 63.5





#53
3-Nitroaniline
Concen: 33.941 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

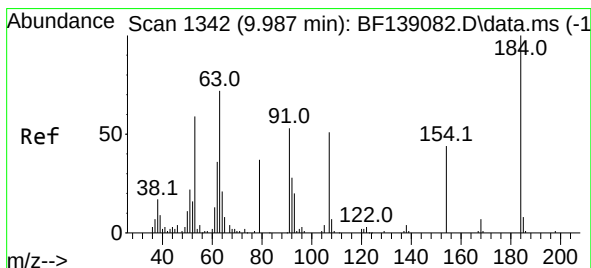
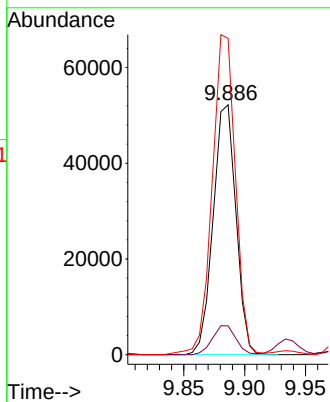
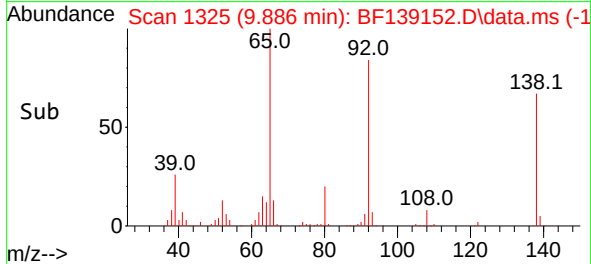
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MS



Tgt Ion:138 Resp: 68095
Ion Ratio Lower Upper
138 100
108 11.5 14.6 21.8
92 126.5 105.9 158.9

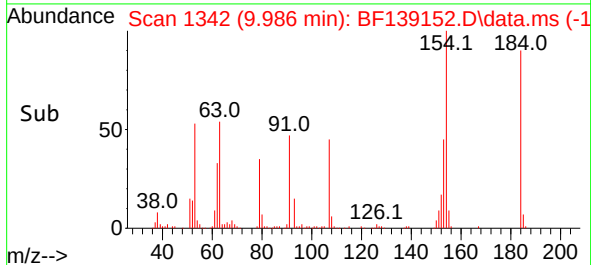
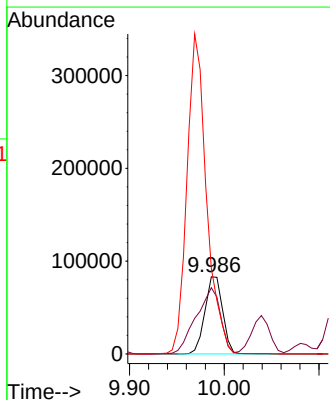
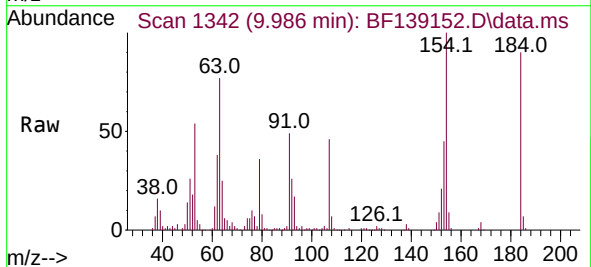
Manual Integrations
APPROVED

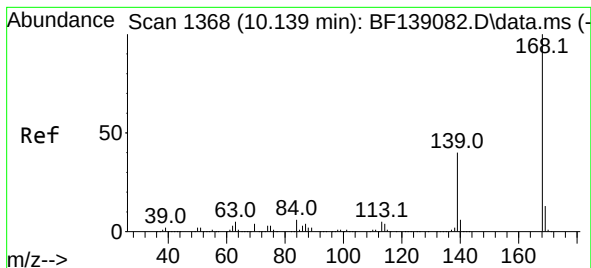
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#54
2,4-Dinitrophenol
Concen: 102.468 ng
RT: 9.986 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

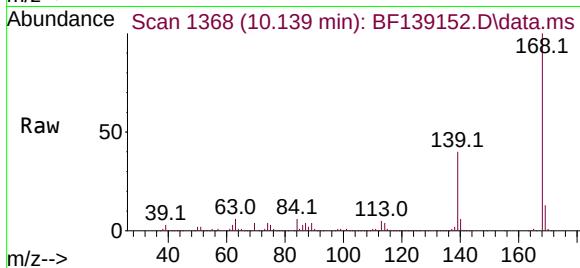
Tgt Ion:184 Resp: 107974
Ion Ratio Lower Upper
184 100
63 85.8 70.5 105.7
154 110.9 135.0 202.6





#55
Dibenzofuran
Concen: 50.738 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

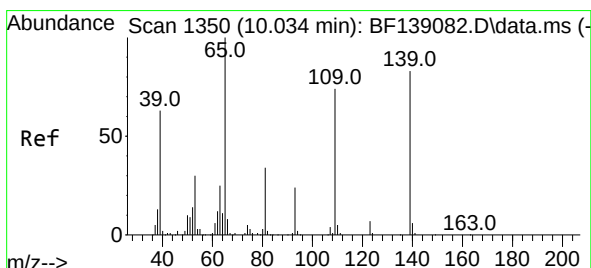
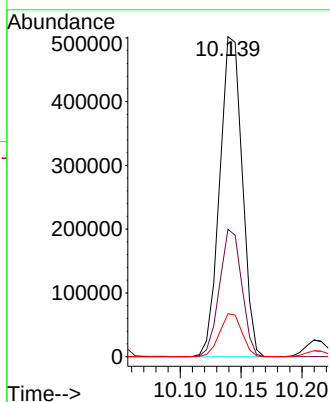
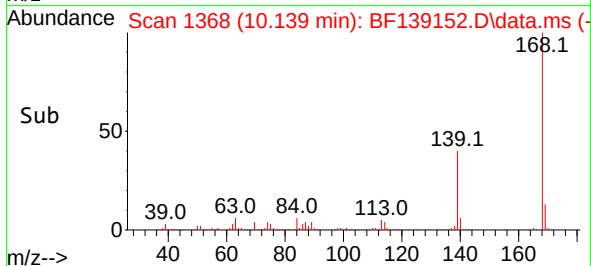
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



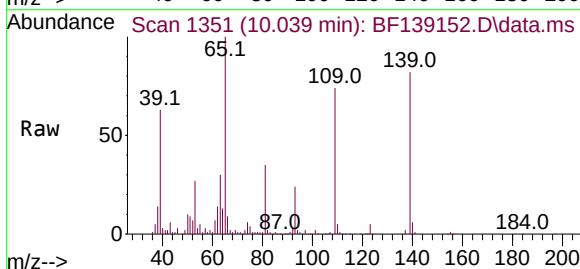
Tgt Ion:168 Resp: 647070
Ion Ratio Lower Upper
168 100
139 39.8 31.6 47.4
169 13.5 10.7 16.1

Manual Integrations
APPROVED

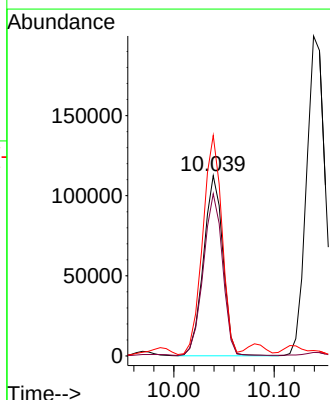
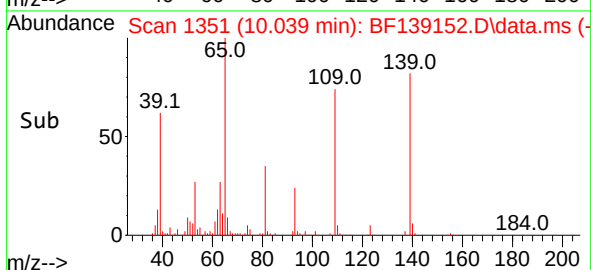
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

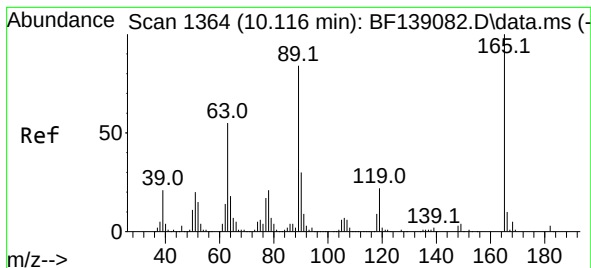


#56
4-Nitrophenol
Concen: 97.251 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



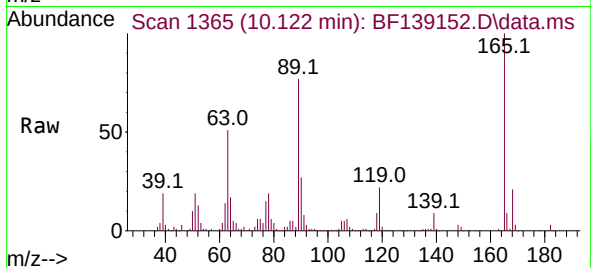
Tgt Ion:139 Resp: 151292
Ion Ratio Lower Upper
139 100
109 90.0 68.8 108.8
65 122.3 101.3 141.3





#57
2,4-Dinitrotoluene
Concen: 56.508 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

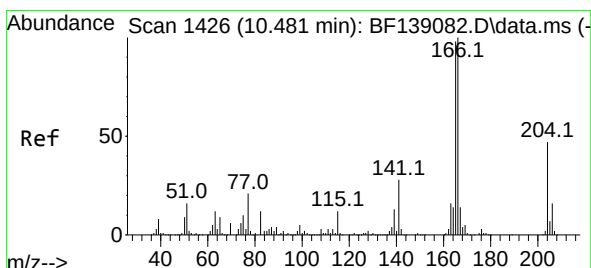
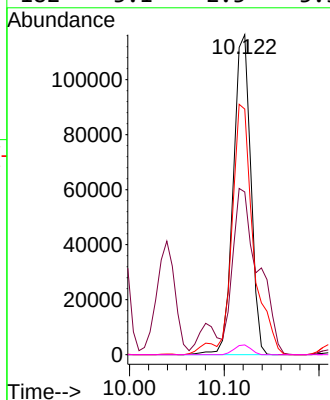
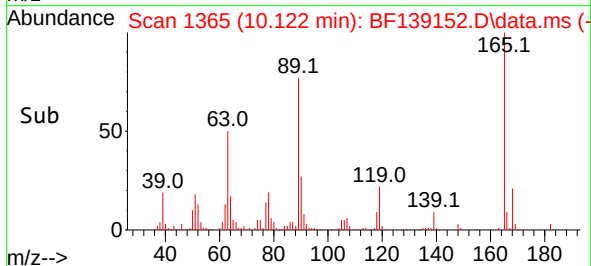
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion:165 Resp: 149120
Ion Ratio Lower Upper
165 100
63 50.9 44.2 66.4
89 76.8 67.4 101.2
182 3.1 2.3 3.5

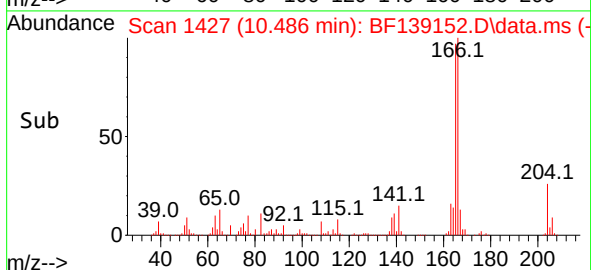
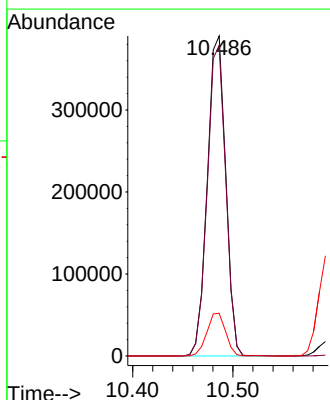
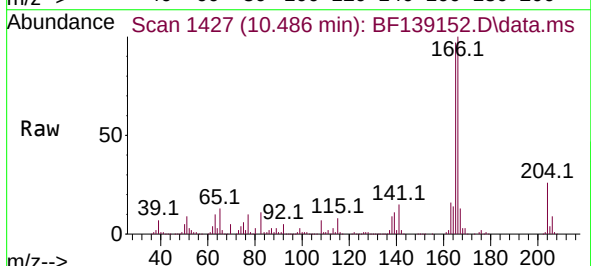
Manual Integrations
APPROVED

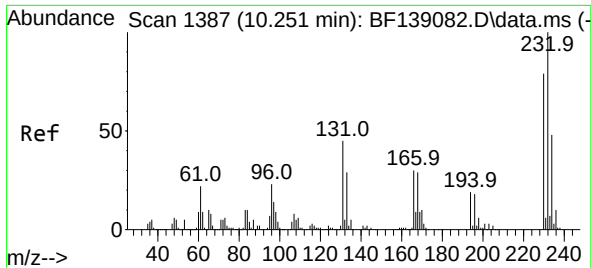
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#58
Fluorene
Concen: 48.875 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

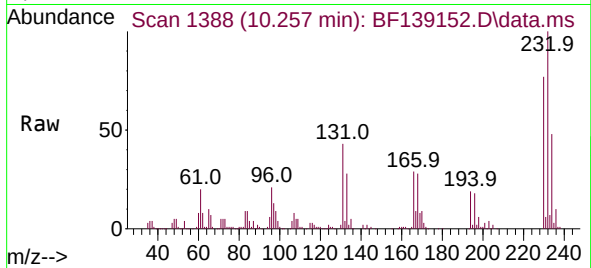
Tgt Ion:166 Resp: 498134
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.396 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

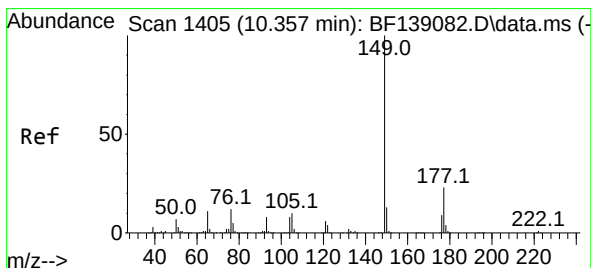
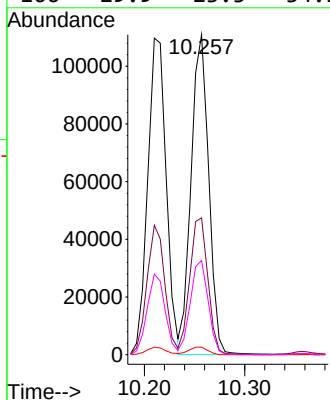
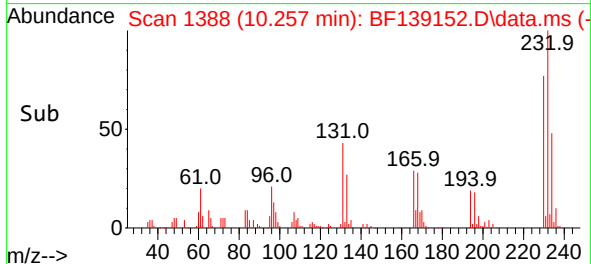
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion:232 Resp: 13554
Ion Ratio Lower Upper
232 100
131 44.1 36.0 54.0
130 2.5 2.0 3.0
166 29.9 23.3 34.9

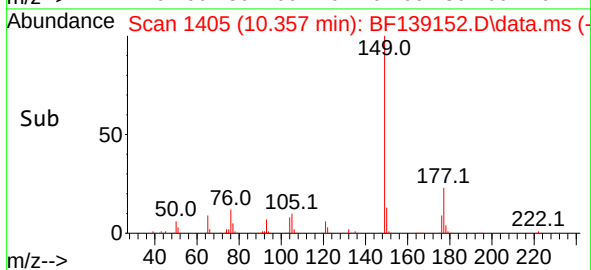
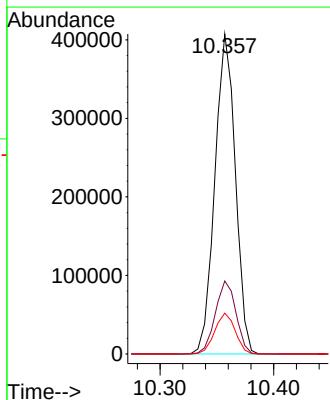
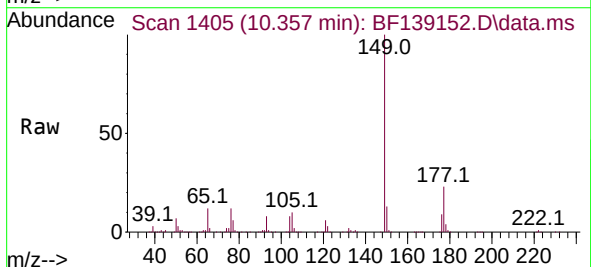
Manual Integrations
APPROVED

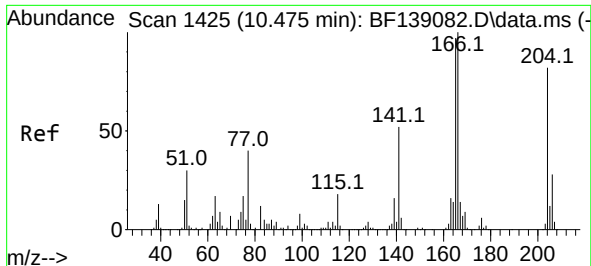
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#60
Diethylphthalate
Concen: 50.042 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

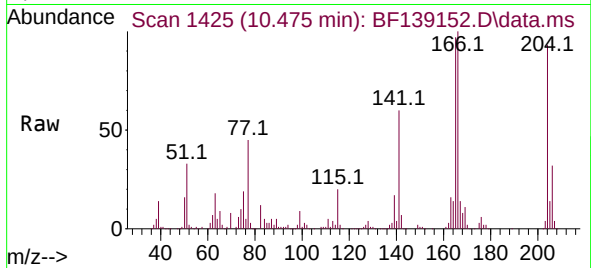
Tgt Ion:149 Resp: 510305
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.076 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

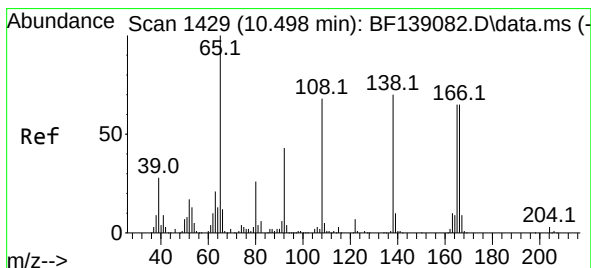
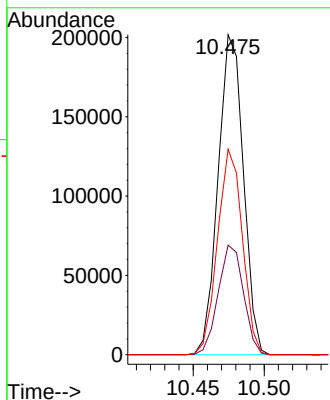
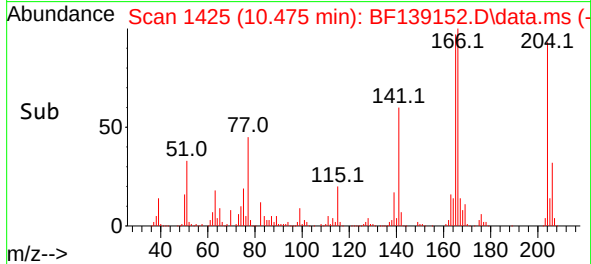
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion:204 Resp: 249809
Ion Ratio Lower Upper
204 100
206 34.3 27.0 40.4
141 64.2 50.9 76.3

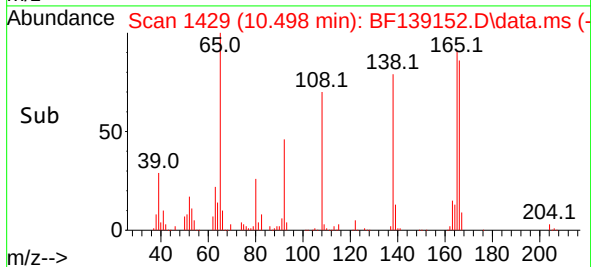
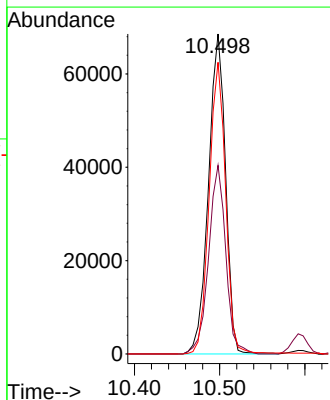
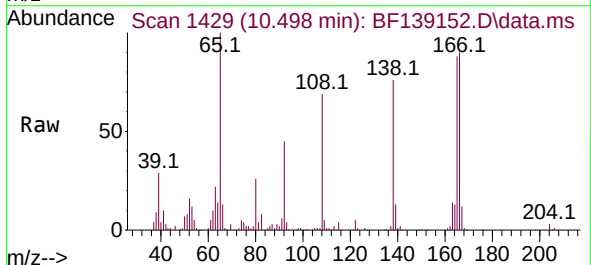
Manual Integrations
APPROVED

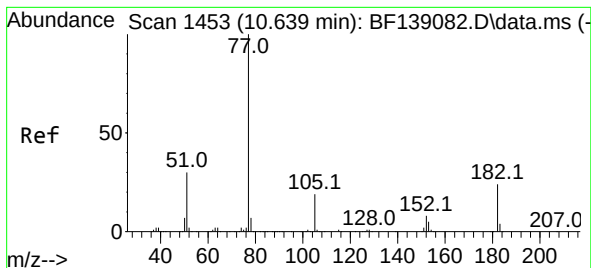
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#62
4-Nitroaniline
Concen: 45.425 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

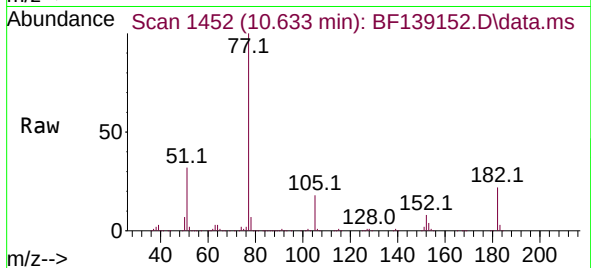
Tgt Ion:138 Resp: 95502
Ion Ratio Lower Upper
138 100
92 59.0 41.4 81.4
108 91.2 76.8 116.8





#63
Azobenzene
Concen: 49.288 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

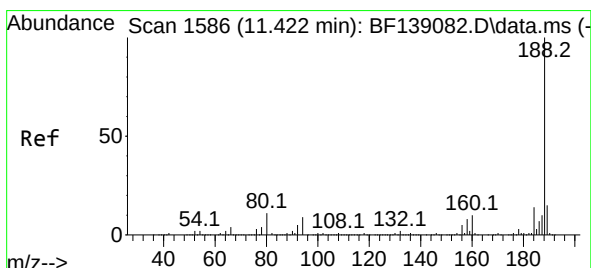
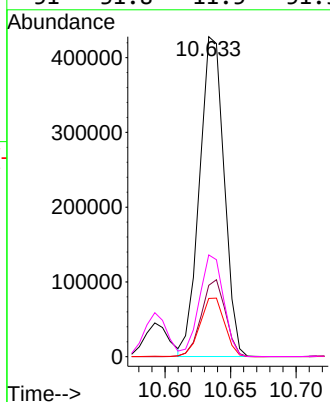
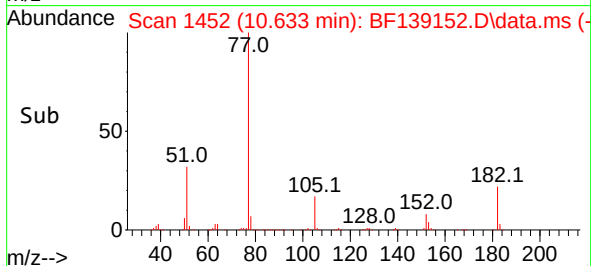
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



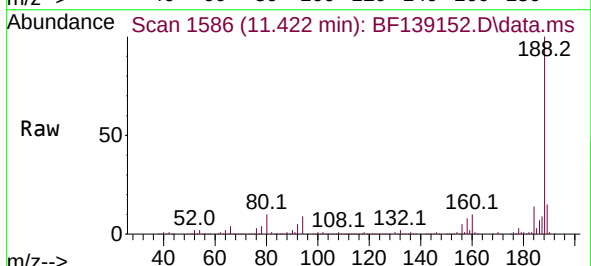
Tgt Ion: 77 Resp: 55854
Ion Ratio Lower Upper
77 100
182 22.3 4.0 44.0
105 18.2 0.0 39.1
51 31.8 11.5 51.5

Manual Integrations
APPROVED

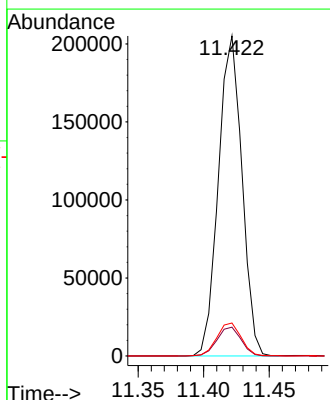
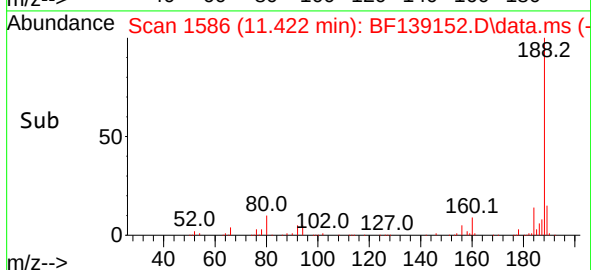
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

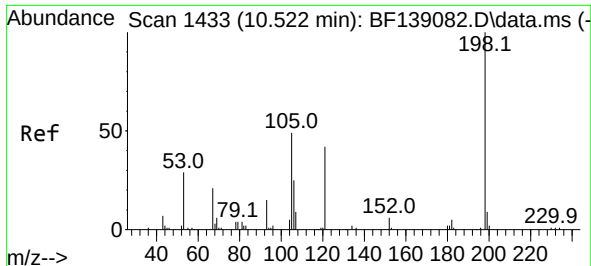


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



Tgt Ion:188 Resp: 256038
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.3 8.5 12.7





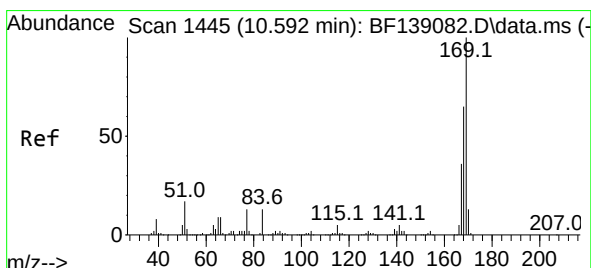
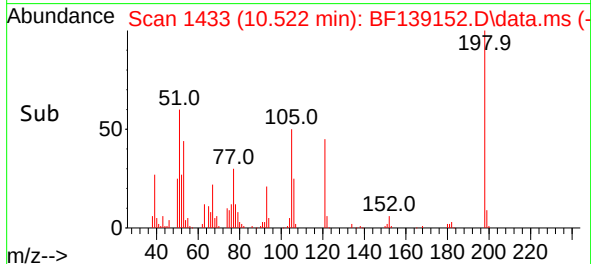
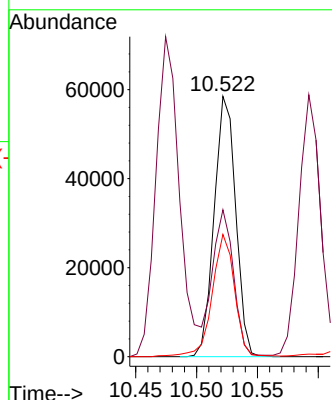
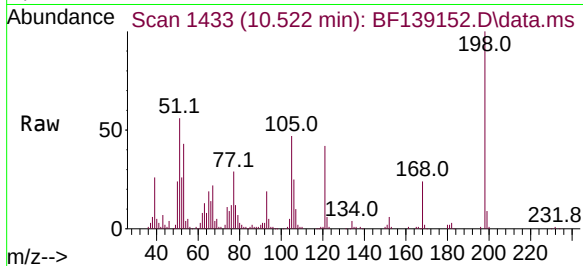
#65
4,6-Dinitro-2-methylphenol
Concen: 68.255 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS

Tgt Ion:198 Resp: 71900
Ion Ratio Lower Upper
198 100
51 56.4 40.8 80.8
105 47.0 30.9 70.9

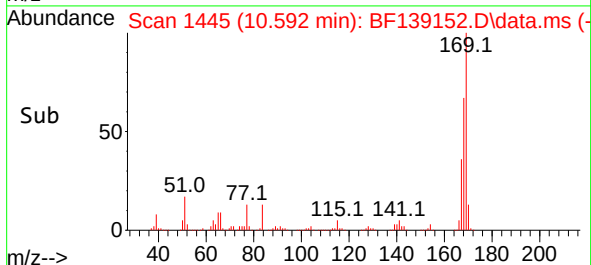
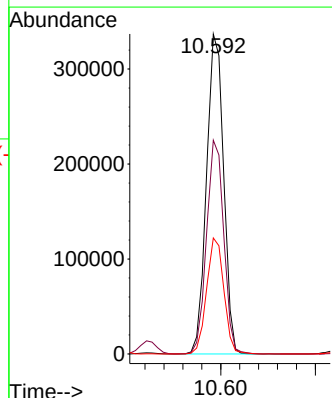
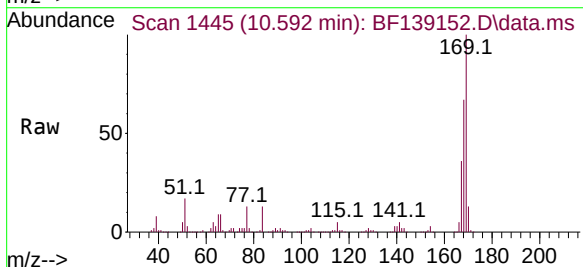
Manual Integrations
APPROVED

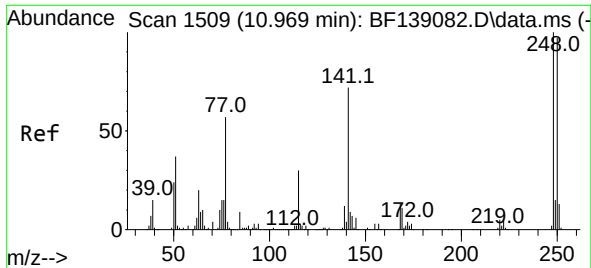
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#66
n-Nitrosodiphenylamine
Concen: 55.635 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

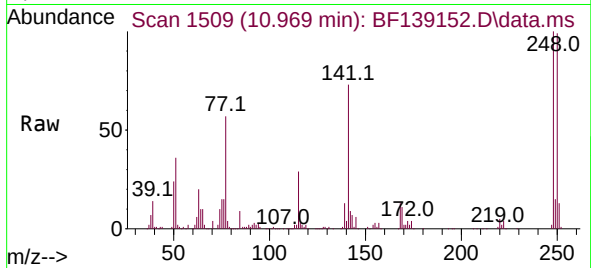
Tgt Ion:169 Resp: 421489
Ion Ratio Lower Upper
169 100
168 66.8 52.4 78.6
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 55.752 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

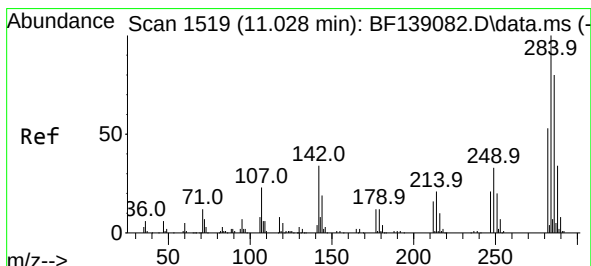
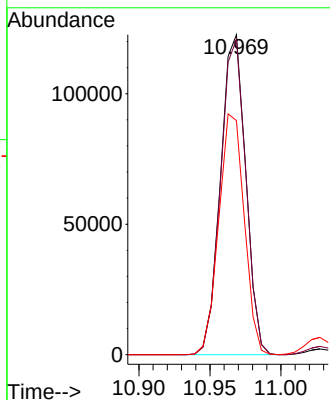
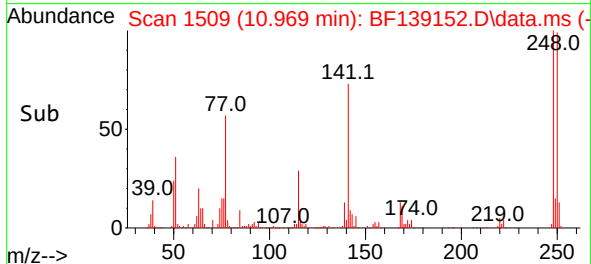
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



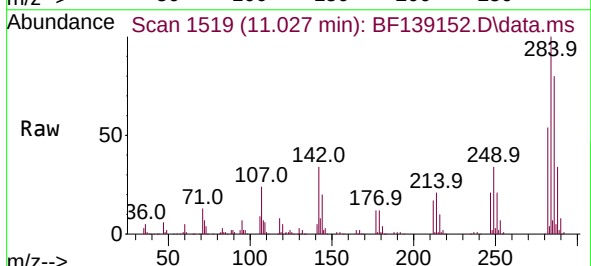
Tgt Ion:248 Resp: 151259
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.8
141 73.1 57.9 86.9

Manual Integrations
APPROVED

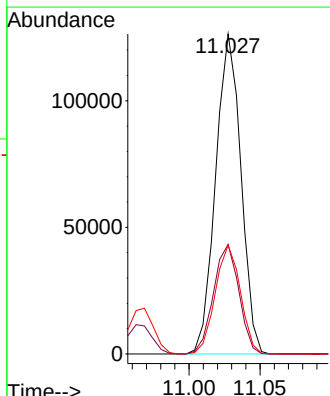
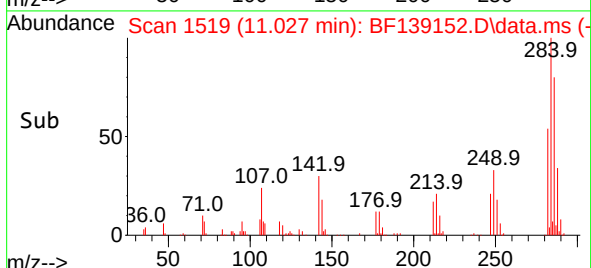
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

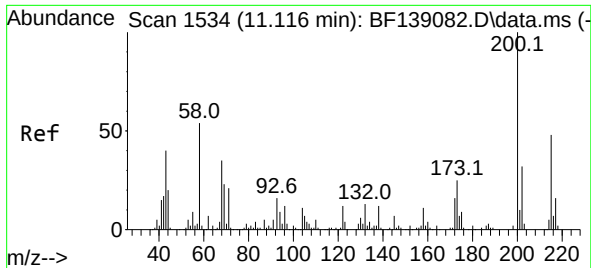


#68
Hexachlorobenzene
Concen: 53.644 ng
RT: 11.027 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



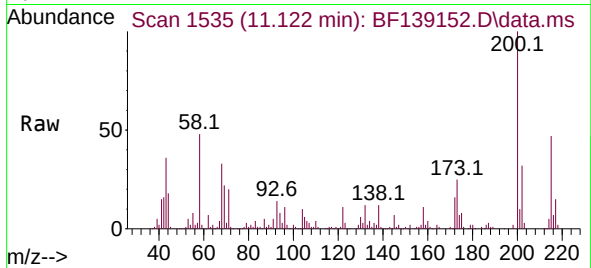
Tgt Ion:284 Resp: 156139
Ion Ratio Lower Upper
284 100
142 34.3 27.1 40.7
249 34.0 26.8 40.2





#69
Atrazine
Concen: 55.419 ng
RT: 11.122 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

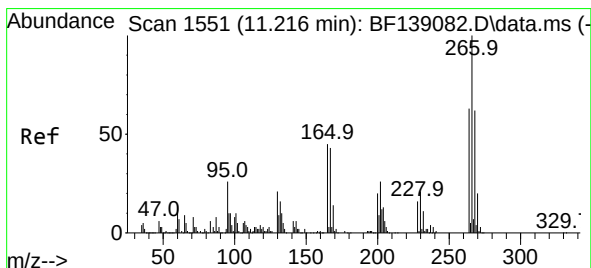
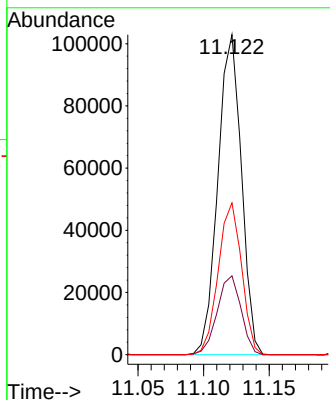
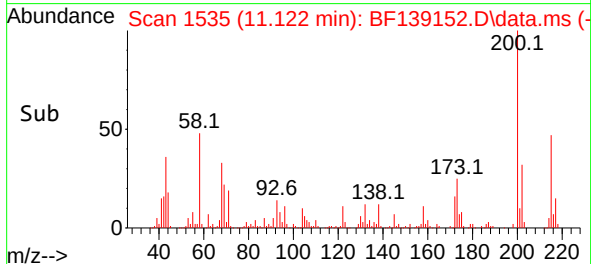
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



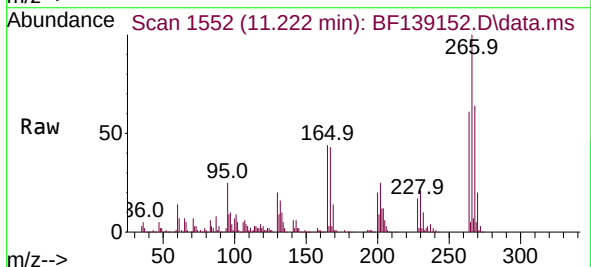
Tgt Ion:200 Resp: 128225
Ion Ratio Lower Upper
200 100
173 24.7 5.2 45.2
215 47.5 27.9 67.9

Manual Integrations
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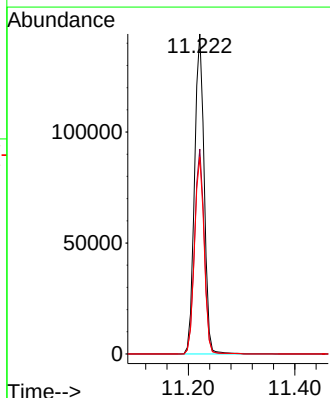
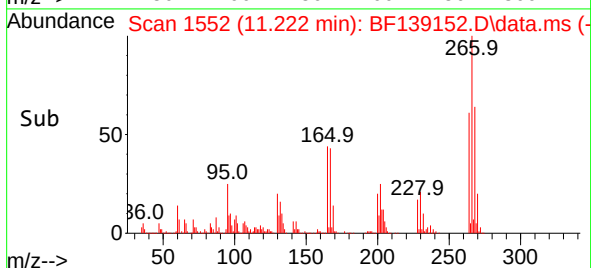
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

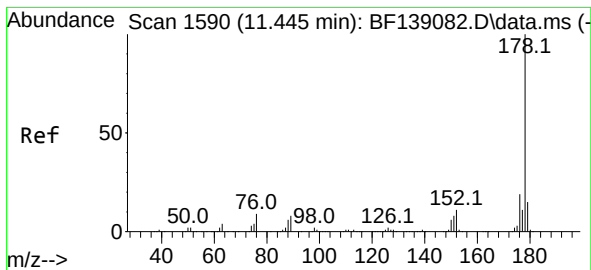


#70
Pentachlorophenol
Concen: 97.624 ng
RT: 11.222 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



Tgt Ion:266 Resp: 181510
Ion Ratio Lower Upper
266 100
268 64.1 49.5 74.3
264 61.5 50.0 75.0





#71

Phenanthrene

Concen: 51.844 ng

RT: 11.445 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF139152.D

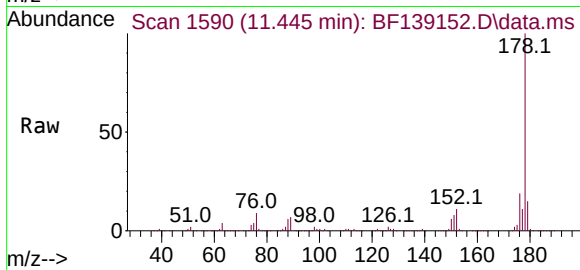
Acq: 23 Aug 2024 17:43

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MS



Tgt Ion:178 Resp: 674690

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

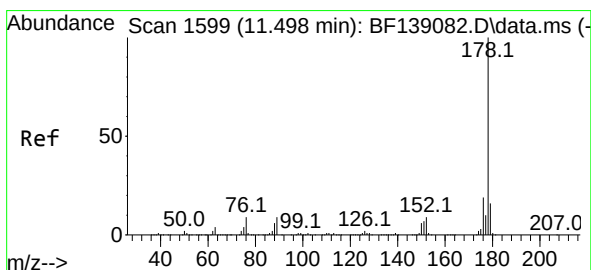
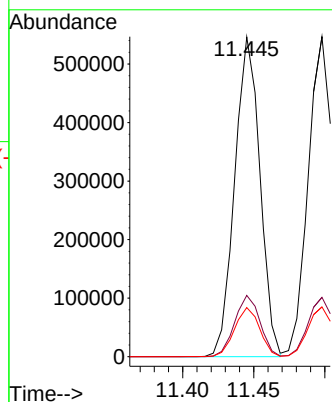
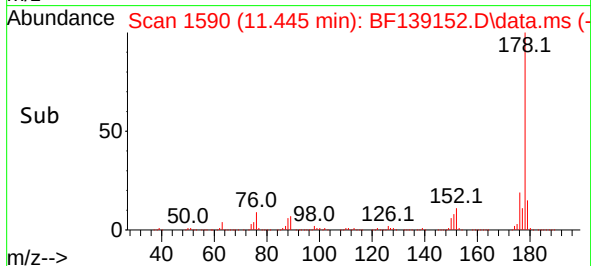
179 15.4 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#72

Anthracene

Concen: 52.813 ng

RT: 11.498 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF139152.D

Acq: 23 Aug 2024 17:43

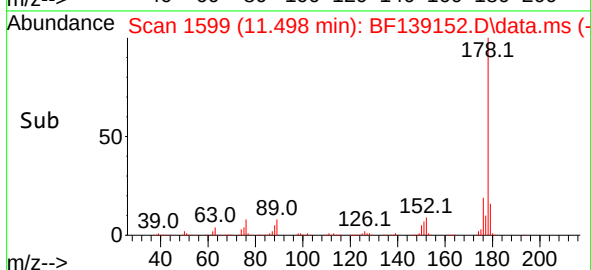
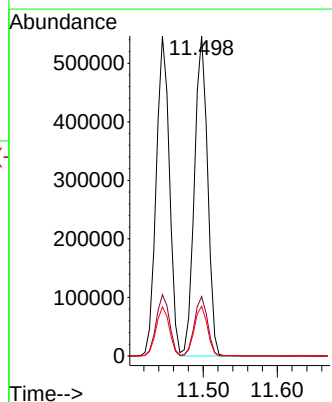
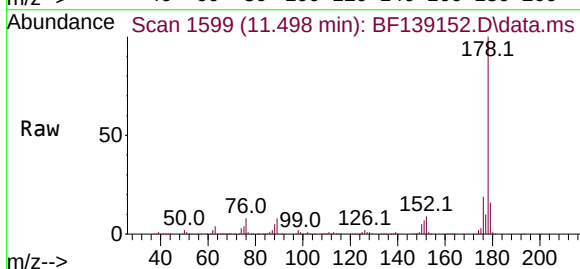
Tgt Ion:178 Resp: 672160

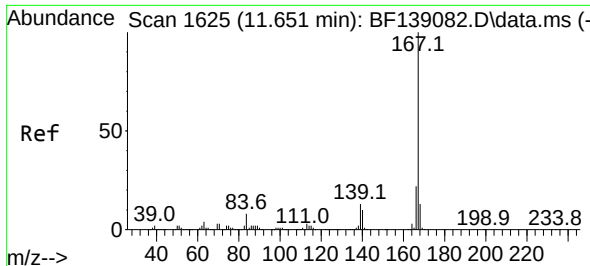
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

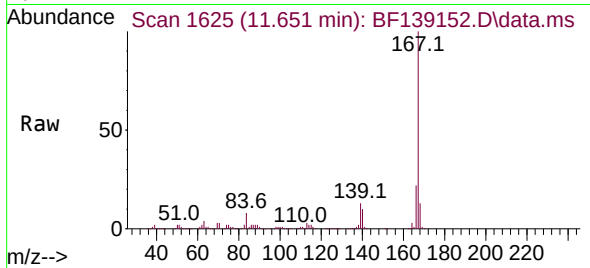
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 42.310 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF139152.D
 Acq: 23 Aug 2024 17:43

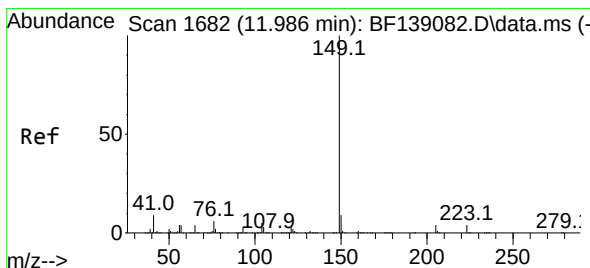
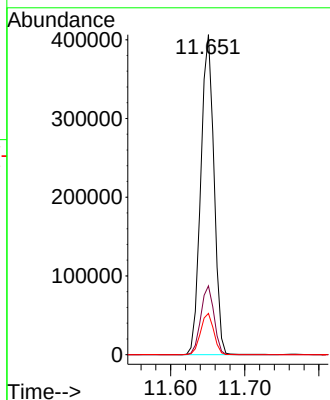
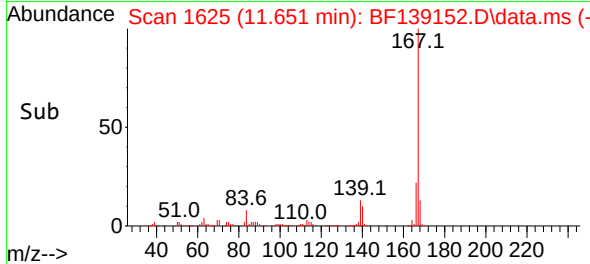
Instrument : BNA_F
 ClientSampleId : S-929-K1-SO-0-0.5-082024MS



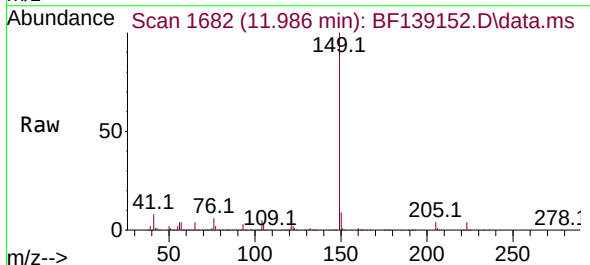
Tgt Ion:167 Resp: 502834
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.9 10.5 15.7

Manual Integrations
 APPROVED

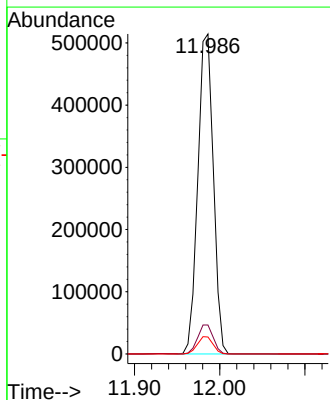
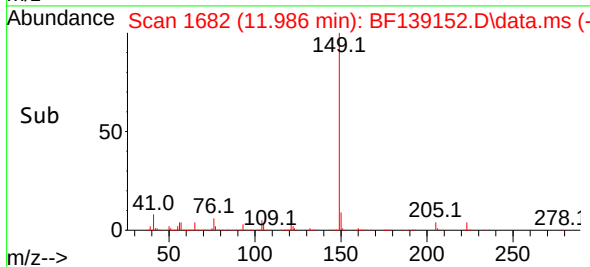
Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

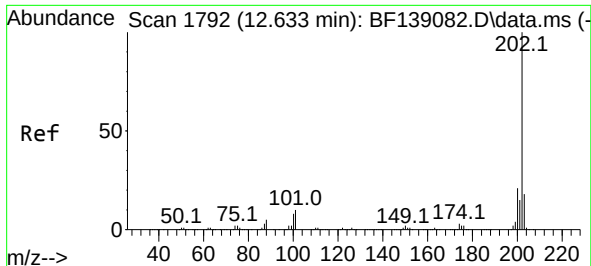


#74
 Di-n-butylphthalate
 Concen: 47.281 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139152.D
 Acq: 23 Aug 2024 17:43



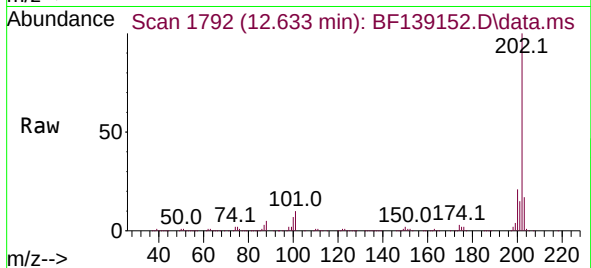
Tgt Ion:149 Resp: 651539
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 40.607 ng
RT: 12.633 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

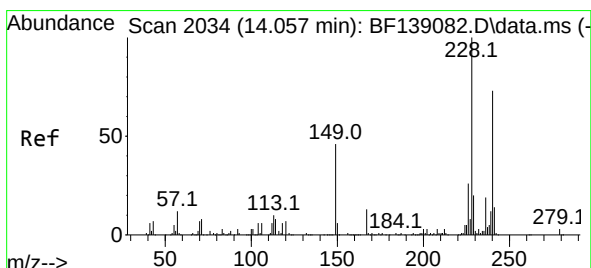
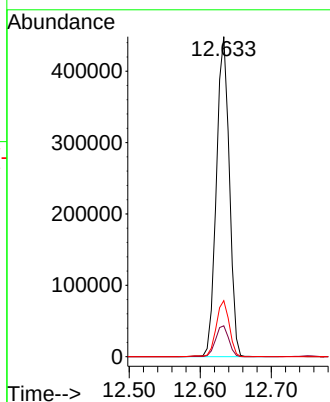
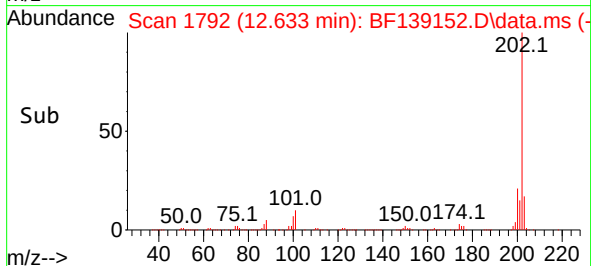
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MS



Tgt Ion:202 Resp: 564032
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.2
203 17.5 0.0 37.6

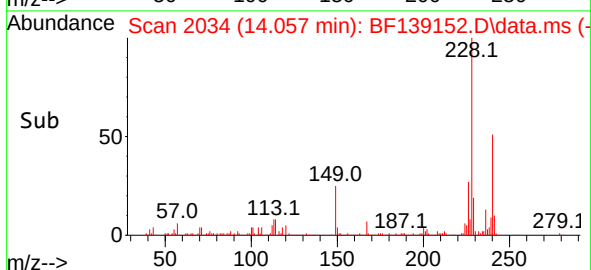
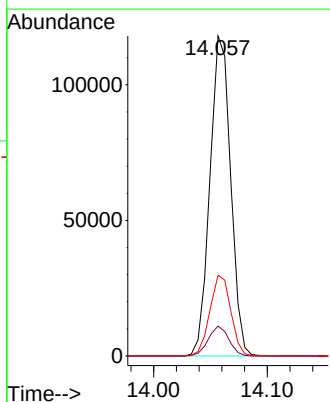
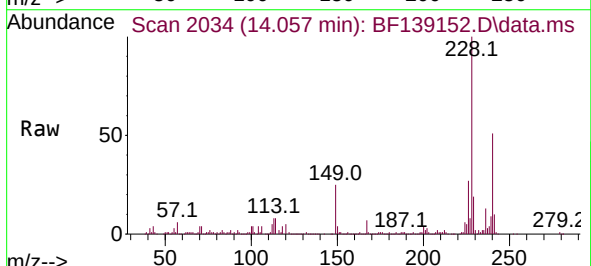
Manual Integrations
APPROVED

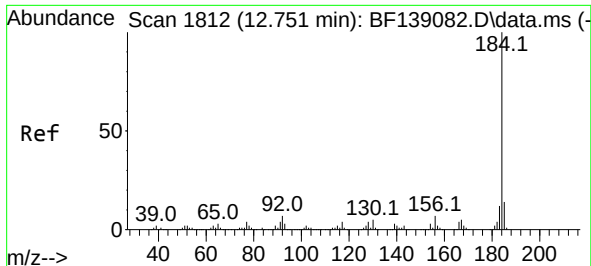
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

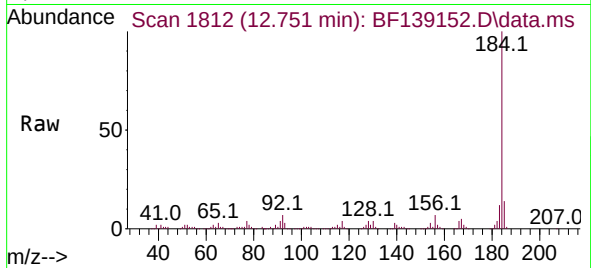
Tgt Ion:240 Resp: 149562
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.2 20.9 31.3





#77
Benzidine
Concen: 64.432 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

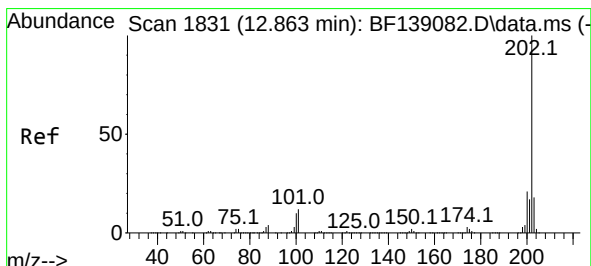
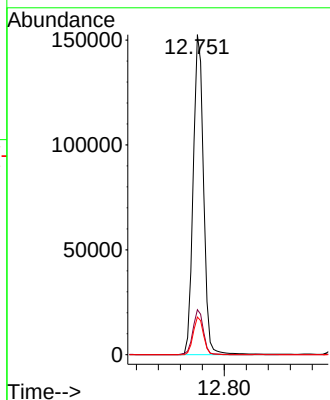
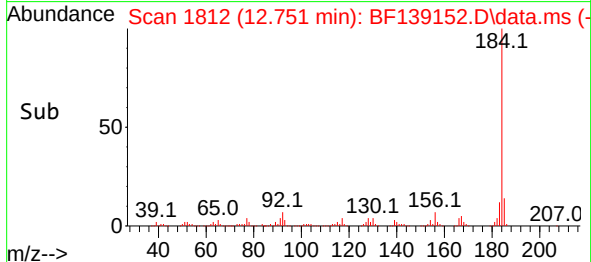
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion:184 Resp: 199050
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.8 9.8 14.6

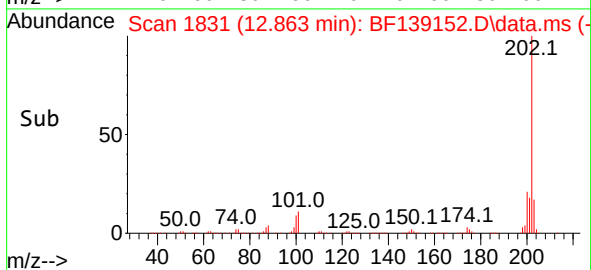
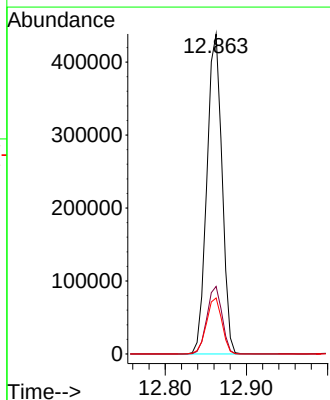
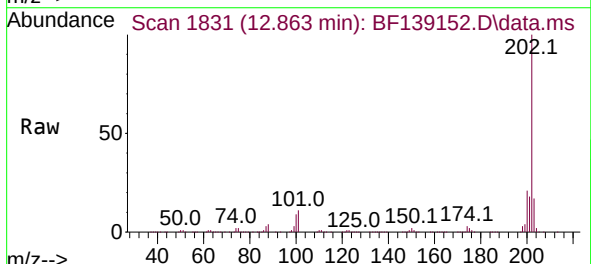
Manual Integrations
APPROVED

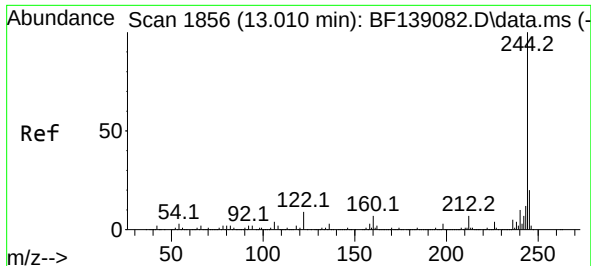
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#78
Pyrene
Concen: 45.245 ng
RT: 12.863 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

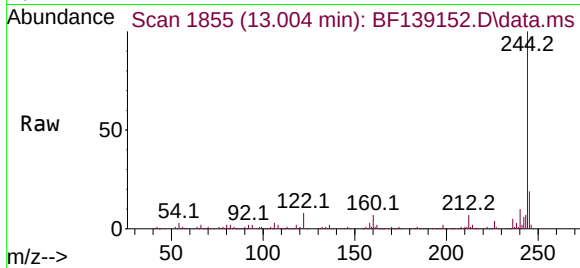
Tgt Ion:202 Resp: 564714
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.5 14.1 21.1





#79
Terphenyl-d14
Concen: 34.481 ng
RT: 13.004 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

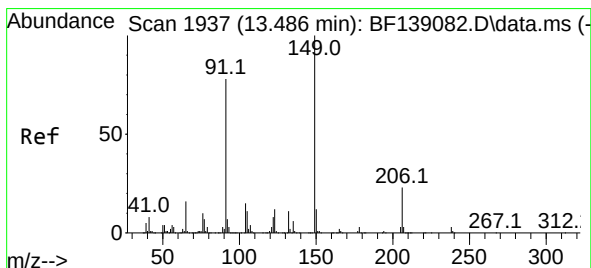
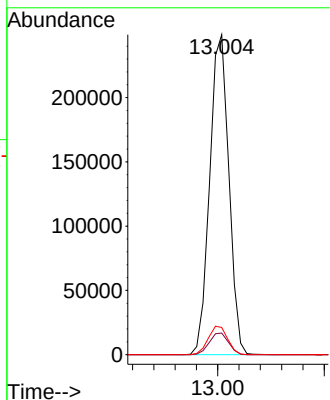
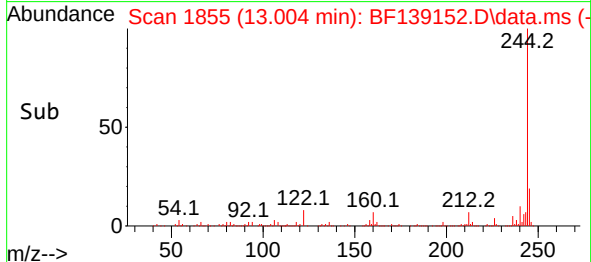
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion:244 Resp: 31079
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 8.5 7.6 11.4

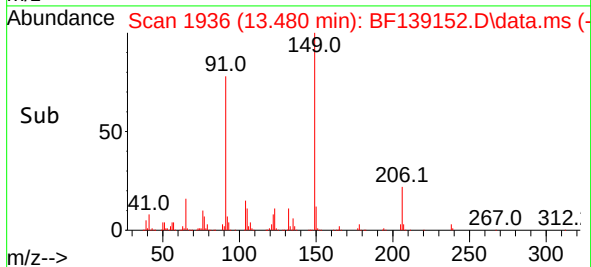
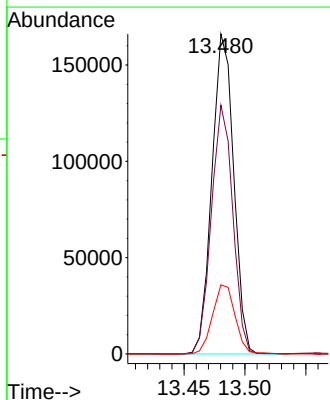
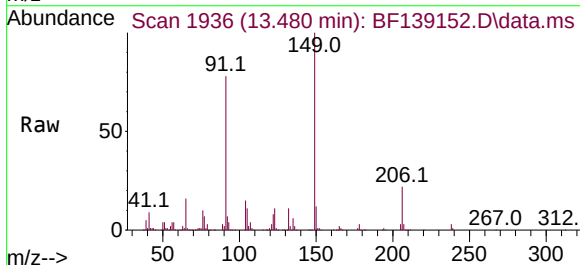
Manual Integrations
APPROVED

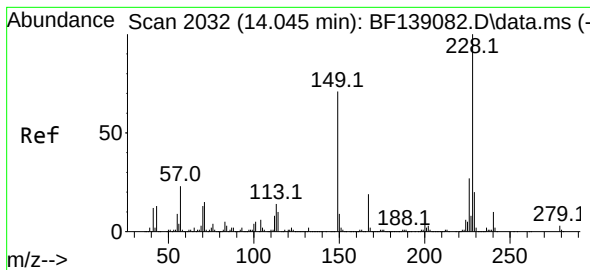
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#80
Butylbenzylphthalate
Concen: 47.817 ng
RT: 13.480 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

Tgt Ion:149 Resp: 206474
Ion Ratio Lower Upper
149 100
91 77.8 62.1 93.1
206 21.6 18.0 27.0





#81

Benzo(a)anthracene

Concen: 52.475 ng

RT: 14.051 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF139152.D

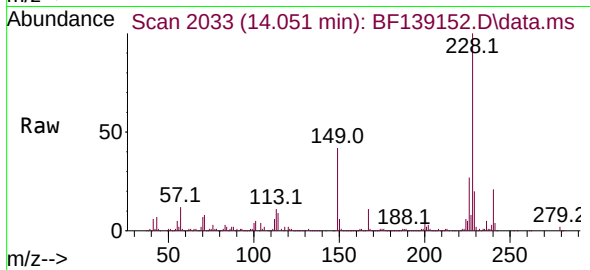
Acq: 23 Aug 2024 17:43

Instrument :

BNA_F

ClientSampleId :

S-929-K1-SO-0-0.5-082024MS



Tgt Ion:228 Resp: 515915

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

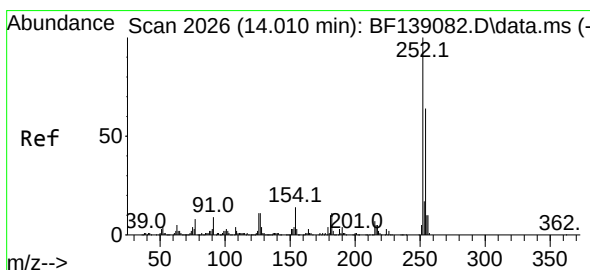
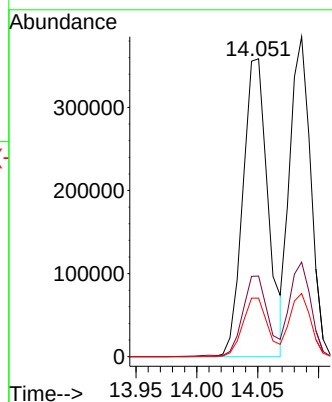
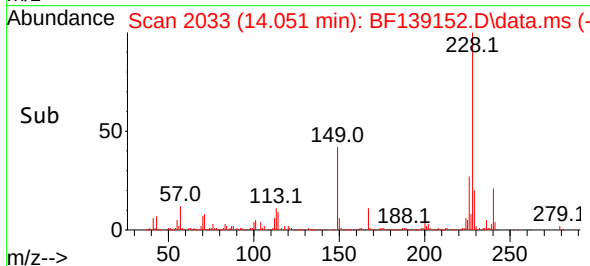
229 19.6 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 42.456 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139152.D

Acq: 23 Aug 2024 17:43

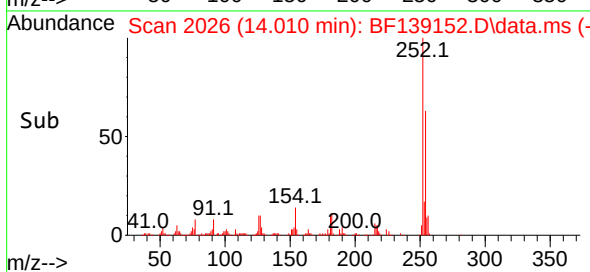
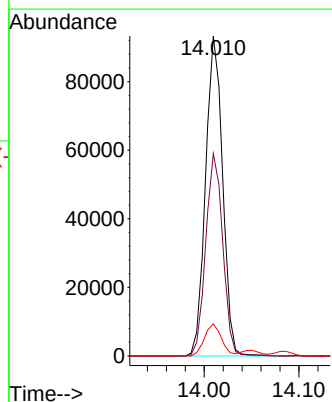
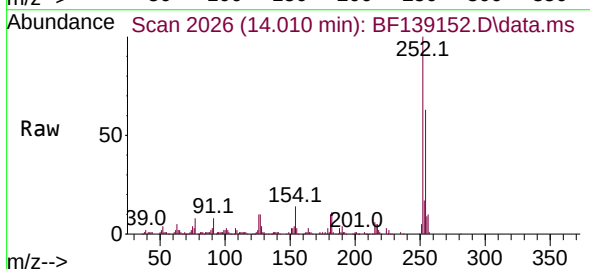
Tgt Ion:252 Resp: 116674

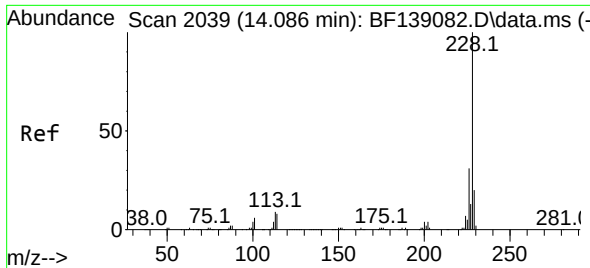
Ion Ratio Lower Upper

252 100

254 63.2 51.4 77.0

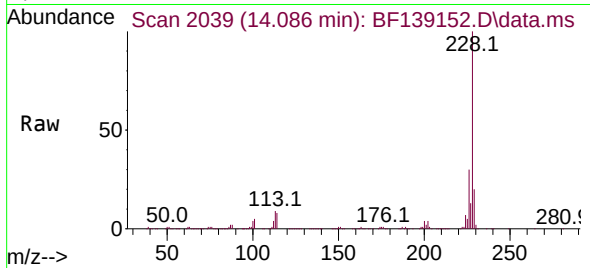
126 10.0 8.6 12.8





#83
Chrysene
Concen: 51.391 ng
RT: 14.086 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

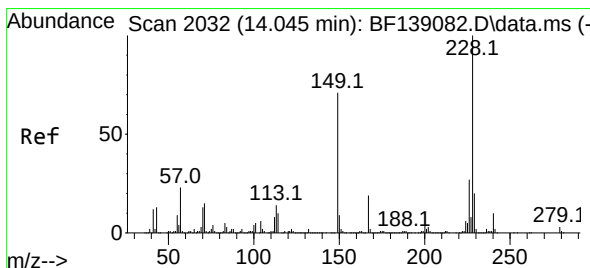
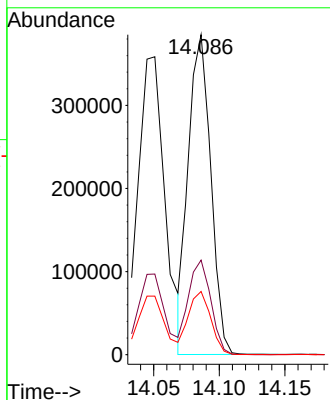
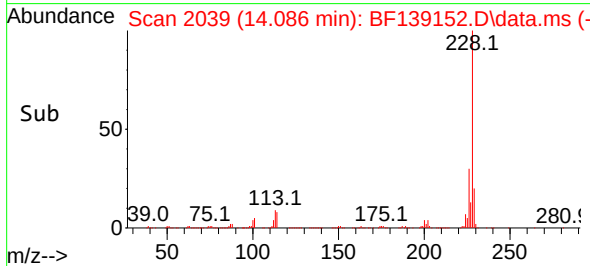
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MS



Tgt Ion:228 Resp: 457960
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 19.7 15.8 23.8

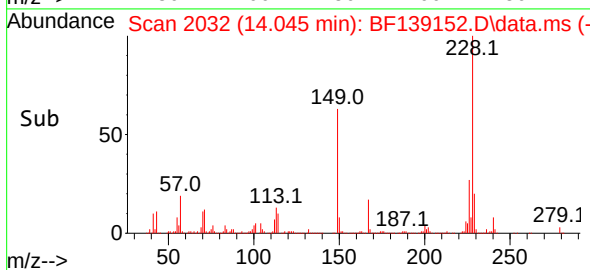
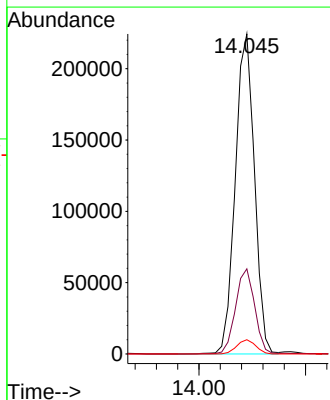
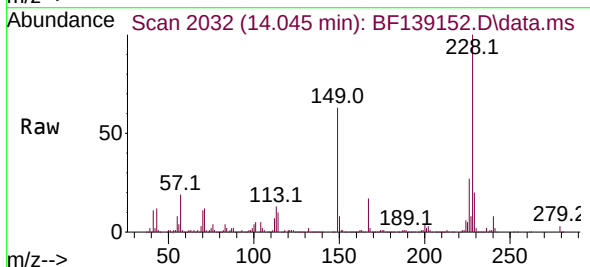
Manual Integrations
APPROVED

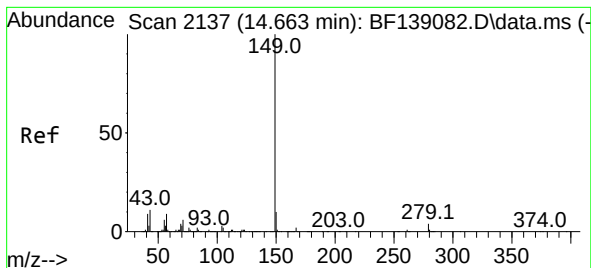
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.006 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

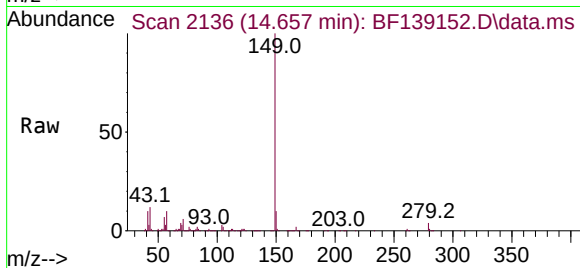
Tgt Ion:149 Resp: 280533
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.6
279 4.5 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 64.460 ng
RT: 14.657 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

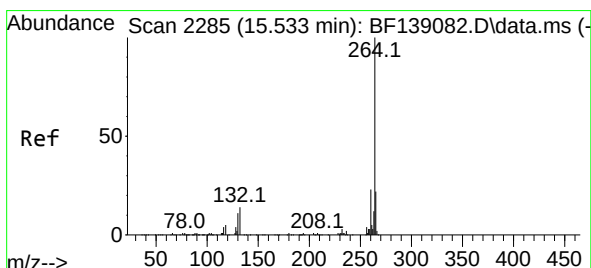
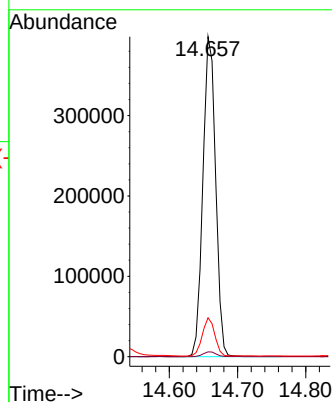
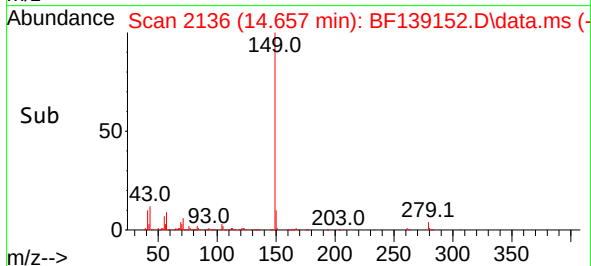
Instrument : BNA_F
ClientSampleId : S-929-K1-SO-0-0.5-082024MS



Tgt Ion:149 Resp: 517898
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.7 9.6 14.4

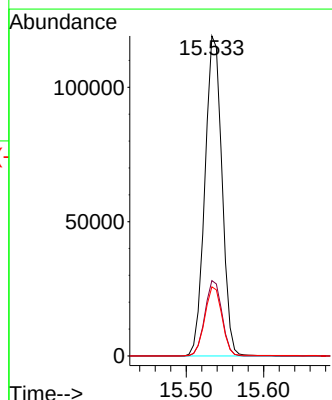
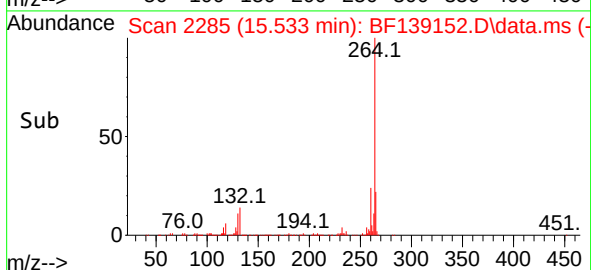
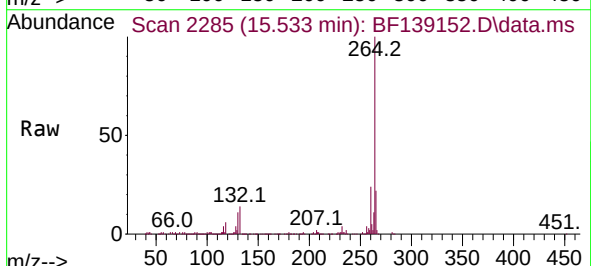
Manual Integrations
APPROVED

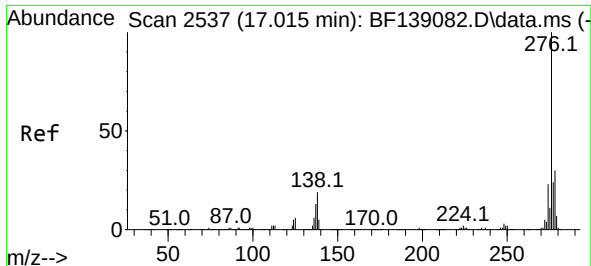
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

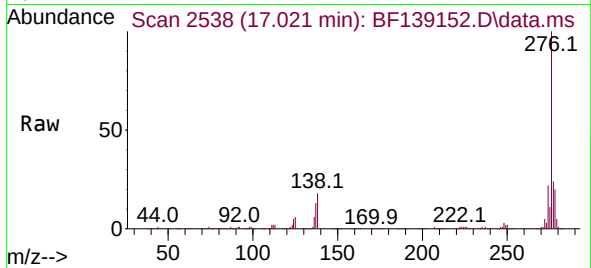
Tgt Ion:264 Resp: 181960
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.6 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.801 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

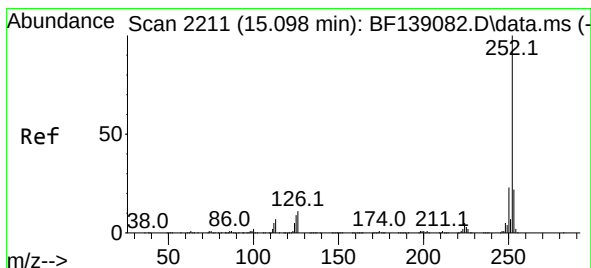
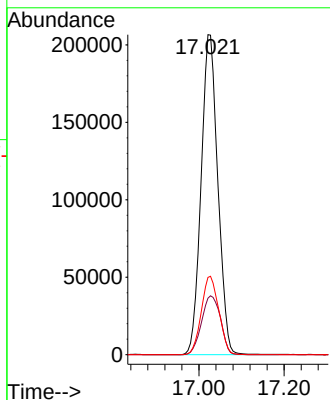
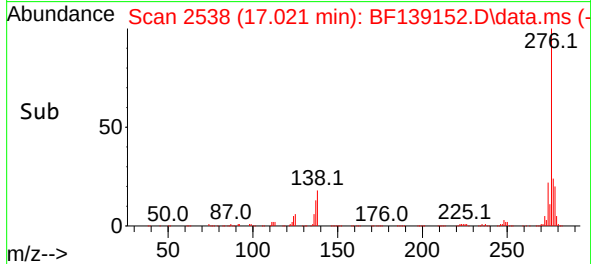
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



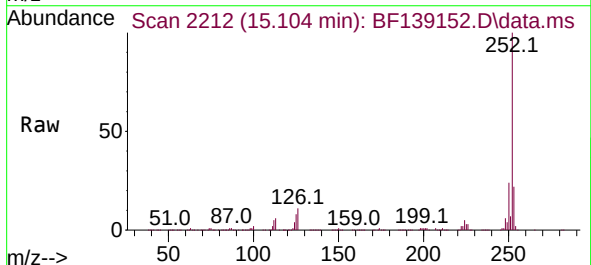
Tgt Ion:276 Resp: 562294
Ion Ratio Lower Upper
276 100
138 20.9 17.3 25.9
277 25.6 20.2 30.4

Manual Integrations
APPROVED

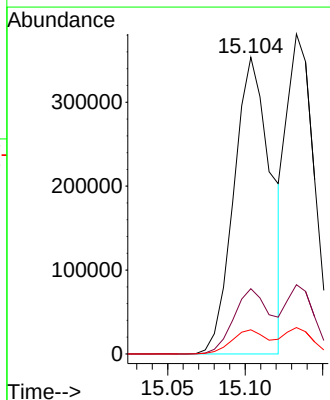
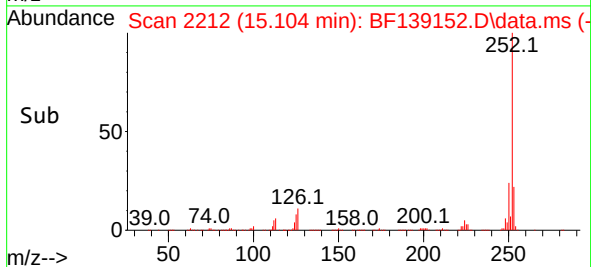
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

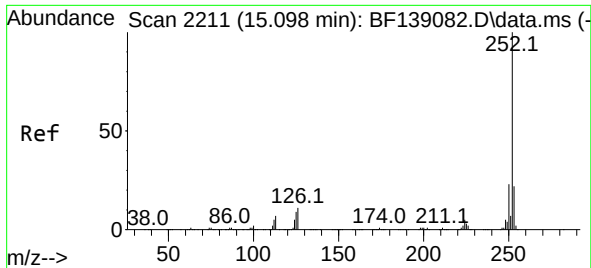


#88
Benzo(b)fluoranthene
Concen: 49.544 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



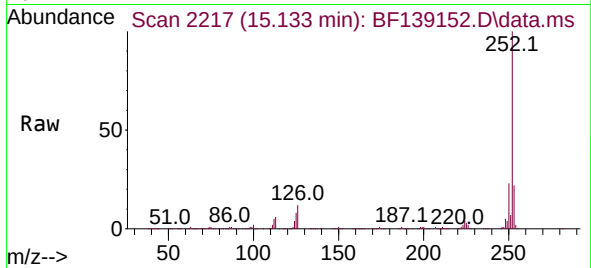
Tgt Ion:252 Resp: 587719
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.1 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 47.295 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

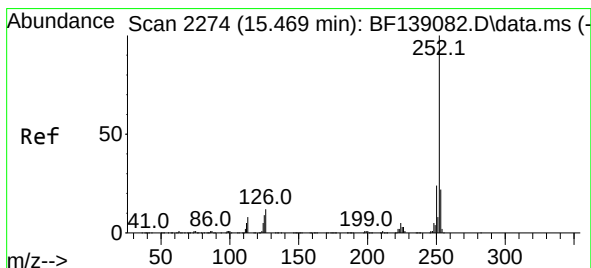
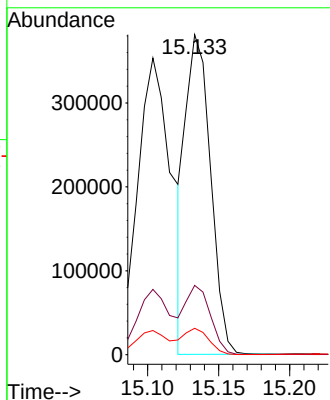
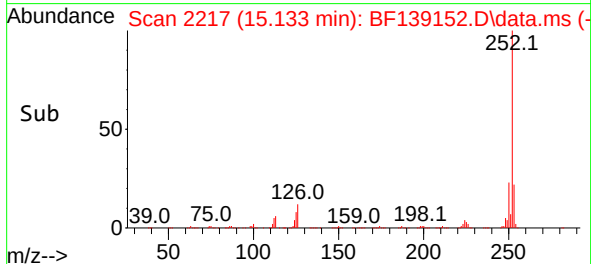
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



Tgt Ion:252 Resp: 467270
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 8.3 7.0 10.6

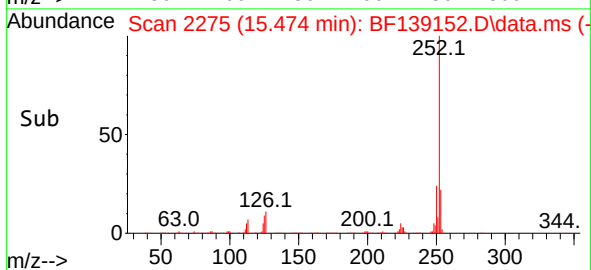
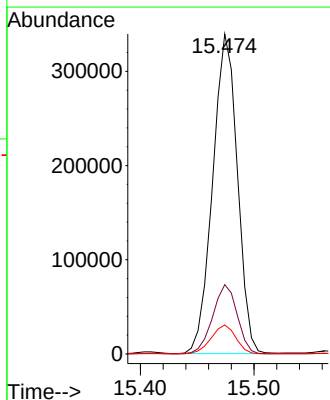
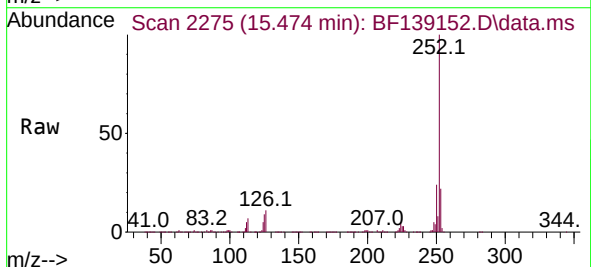
Manual Integrations
APPROVED

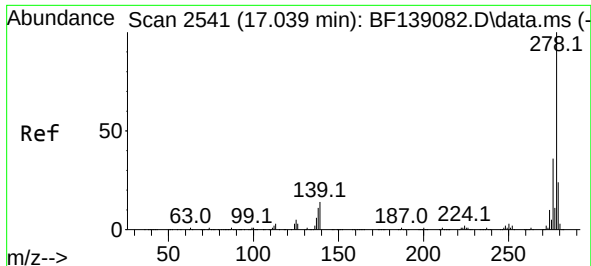
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#90
Benzo(a)pyrene
Concen: 54.768 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

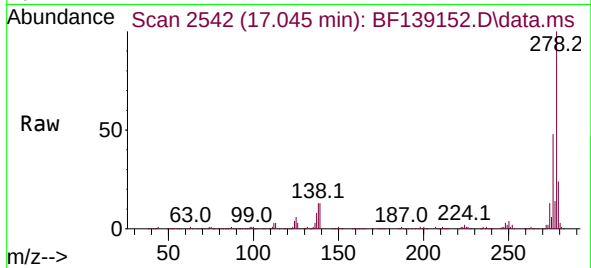
Tgt Ion:252 Resp: 513363
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.1 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 52.254 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43

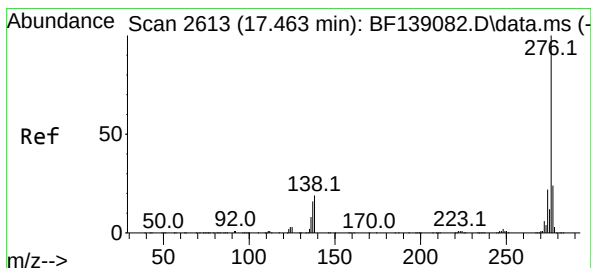
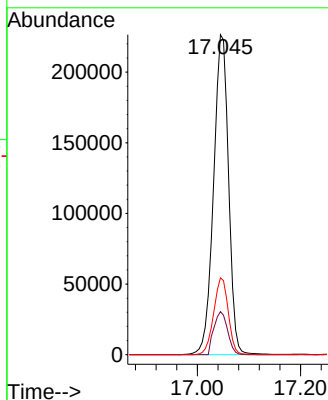
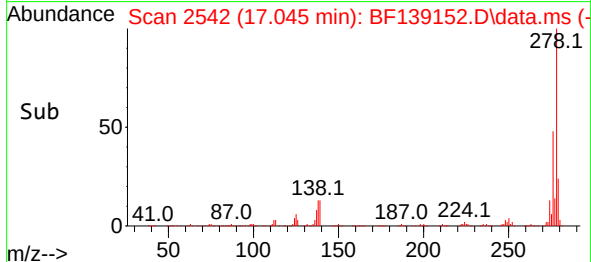
Instrument :
BNA_F
ClientSampleId :
S-929-K1-SO-0-0.5-082024MS



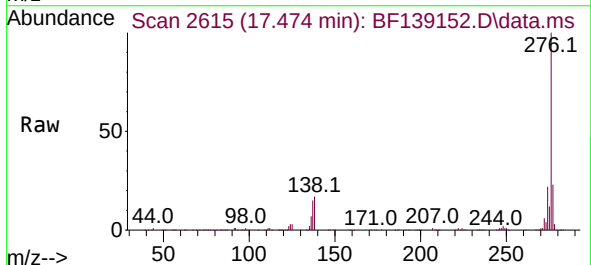
Tgt Ion:278 Resp: 456799
Ion Ratio Lower Upper
278 100
139 13.4 10.8 16.2
279 24.0 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#92
Benzo(g,h,i)perylene
Concen: 40.711 ng
RT: 17.474 min Scan# 2615
Delta R.T. 0.011 min
Lab File: BF139152.D
Acq: 23 Aug 2024 17:43



Tgt Ion:276 Resp: 402098
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 17.4 15.0 22.4

