

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124039.D
 Acq On : 24 May 2021 16:07
 Operator : JU/CG
 Sample : M2489-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 359MS

Manual Integrations
 APPROVED

mohammad
 5/25/2021 11:18:02 AM

Quant Time: May 24 16:26:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	54103	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	199080	20.00	ng	#-0.01
39) Acenaphthene-d10	9.933	164	114226	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	193392	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	130198	20.00	ng	0.00
86) Perylene-d12	15.568	264	129784	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	78866	20.47	ng	0.00
7) Phenol-d6	6.522	99	251397	50.29	ng	0.00
23) Nitrobenzene-d5	7.457	82	272320	58.94	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	7180	5.23	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	510492	55.00	ng	-0.01
79) Terphenyl-d14	13.010	244	466198	54.23	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	47780	28.23	ng	97
3) Pyridine	3.457	79	127238	29.13	ng	96
4) n-Nitrosodimethylamine	3.416	42	99076	34.92	ng	93
6) Aniline	6.551	93	125921	22.19	ng	98
8) 2-Chlorophenol	6.675	128	158824	39.60	ng	98
9) Benzaldehyde	6.440	77	123088	56.91	ng	91
10) Phenol	6.534	94	202332	40.05	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	158085	40.26	ng	94
12) 1,3-Dichlorobenzene	6.834	146	180308	38.60	ng	94
13) 1,4-Dichlorobenzene	6.910	146	181880	38.05	ng	94
14) 1,2-Dichlorobenzene	7.063	146	171963	38.50	ng	96
15) Benzyl Alcohol	7.034	79	170921	39.59	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.169	45	299116	37.84	ng	98
17) 2-Methylphenol	7.145	107	135919	41.80	ng	95
18) Hexachloroethane	7.404	117	72424	40.88	ng	90
19) n-Nitroso-di-n-propyla...	7.304	70	136291	40.35	ng	100
20) 3+4-Methylphenols	7.298	107	175076	40.87	ng	# 80
22) Acetophenone	7.304	105	241963	42.80	ng	# 98
24) Nitrobenzene	7.475	77	196458	41.58	ng	96
25) Isophorone	7.716	82	347463	39.09	ng	97
26) 2-Nitrophenol	7.792	139	86674	48.77	ng	95
27) 2,4-Dimethylphenol	7.828	122	146610	43.08	ng	91
28) bis(2-Chloroethoxy)met...	7.922	93	196647	44.00	ng	99
29) 2,4-Dichlorophenol	8.034	162	146611	42.56	ng	92
30) 1,2,4-Trichlorobenzene	8.116	180	158842	41.02	ng	98
31) Naphthalene	8.198	128	470342	39.92	ng	99
32) Benzoic acid	7.951	122	74945	40.13	ng	97
33) 4-Chloroaniline	8.239	127	31043	6.92	ng	97
34) Hexachlorobutadiene	8.316	225	105682	41.68	ng	98
35) Caprolactam	8.628	113	47368m	50.51	ng	
36) 4-Chloro-3-methylphenol	8.728	107	161229	42.80	ng	88
37) 2-Methylnaphthalene	8.892	142	336471	42.13	ng	98
38) 1-Methylnaphthalene	8.992	142	310120	41.62	ng	92
40) 1,2,4,5-Tetrachloroben...	9.057	216	171565	41.64	ng	98
41) Hexachlorocyclopentadiene	9.045	237	200856	76.65	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	109617	41.01	ng	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124039.D
 Acq On : 24 May 2021 16:07
 Operator : JU/CG
 Sample : M2489-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 359MS

Manual Integrations
 APPROVED

mohammad
 5/25/2021 11:18:02 AM

Quant Time: May 24 16:26:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.210	196	121399	43.72	ng	#	91
46) 1,1'-Biphenyl	9.357	154	440169	43.75	ng		100
47) 2-Chloronaphthalene	9.381	162	323845	40.53	ng		97
48) 2-Nitroaniline	9.475	65	128892	47.76	ng		95
49) Acenaphthylene	9.798	152	517465	43.83	ng		98
50) Dimethylphthalate	9.657	163	477847	52.39	ng		98
51) 2,6-Dinitrotoluene	9.716	165	91336	49.52	ng		90
52) Acenaphthene	9.969	154	417658m	51.68	ng		
53) 3-Nitroaniline	9.880	138	46616	25.43	ng		96
54) 2,4-Dinitrophenol	9.992	184	86283	86.38	ng		92
55) Dibenzofuran	10.139	168	524219	45.16	ng		98
56) 4-Nitrophenol	10.045	139	134137	88.46	ng		97
57) 2,4-Dinitrotoluene	10.122	165	117822	52.08	ng		92
58) Fluorene	10.486	166	441818	50.51	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.257	232	101854	44.60	ng		95
60) Diethylphthalate	10.357	149	418720	46.35	ng	#	94
61) 4-Chlorophenyl-phenyle...	10.475	204	196950	44.93	ng		95
62) 4-Nitroaniline	10.498	138	80757	44.29	ng		94
63) Azobenzene	10.633	77	414901	41.30	ng		94
65) 4,6-Dinitro-2-methylph...	10.528	198	57029	46.03	ng		94
66) n-Nitrosodiphenylamine	10.592	169	339175	45.90	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	118754	46.72	ng		94
68) Hexachlorobenzene	11.033	284	128975	45.46	ng		95
69) Atrazine	11.122	200	112683	53.99	ng		97
70) Pentachlorophenol	11.227	266	132210	78.60	ng		96
71) Phenanthrene	11.451	178	953703	77.81	ng		99
72) Anthracene	11.504	178	618963	49.83	ng		99
73) Carbazole	11.651	167	423776	39.00	ng		98
74) Di-n-butylphthalate	11.980	149	627817	46.17	ng		99
75) Fluoranthene	12.645	202	1047625	82.55	ng		100
77) Benzidine	12.757	184	161039	51.26	ng	#	95
78) Pyrene	12.874	202	912585	78.95	ng		98
80) Butylbenzylphthalate	13.486	149	209716	46.27	ng		96
81) Benzo(a)anthracene	14.063	228	659864	70.08	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	53995	18.46	ng	#	96
83) Chrysene	14.098	228	615721	67.99	ng		97
84) Bis(2-ethylhexyl)phtha...	14.045	149	313658	49.04	ng		95
85) Di-n-octyl phthalate	14.663	149	544850	56.35	ng		98
87) Indeno(1,2,3-cd)pyrene	17.080	276	437171	43.62	ng		96
88) Benzo(b)fluoranthene	15.139	252	999773m	99.58	ng		
89) Benzo(k)fluoranthene	15.168	252	545890	59.66	ng		100
90) Benzo(a)pyrene	15.515	252	643439	74.14	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	305077	36.14	ng		98
92) Benzo(g,h,i)perylene	17.539	276	345855	40.86	ng		99

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

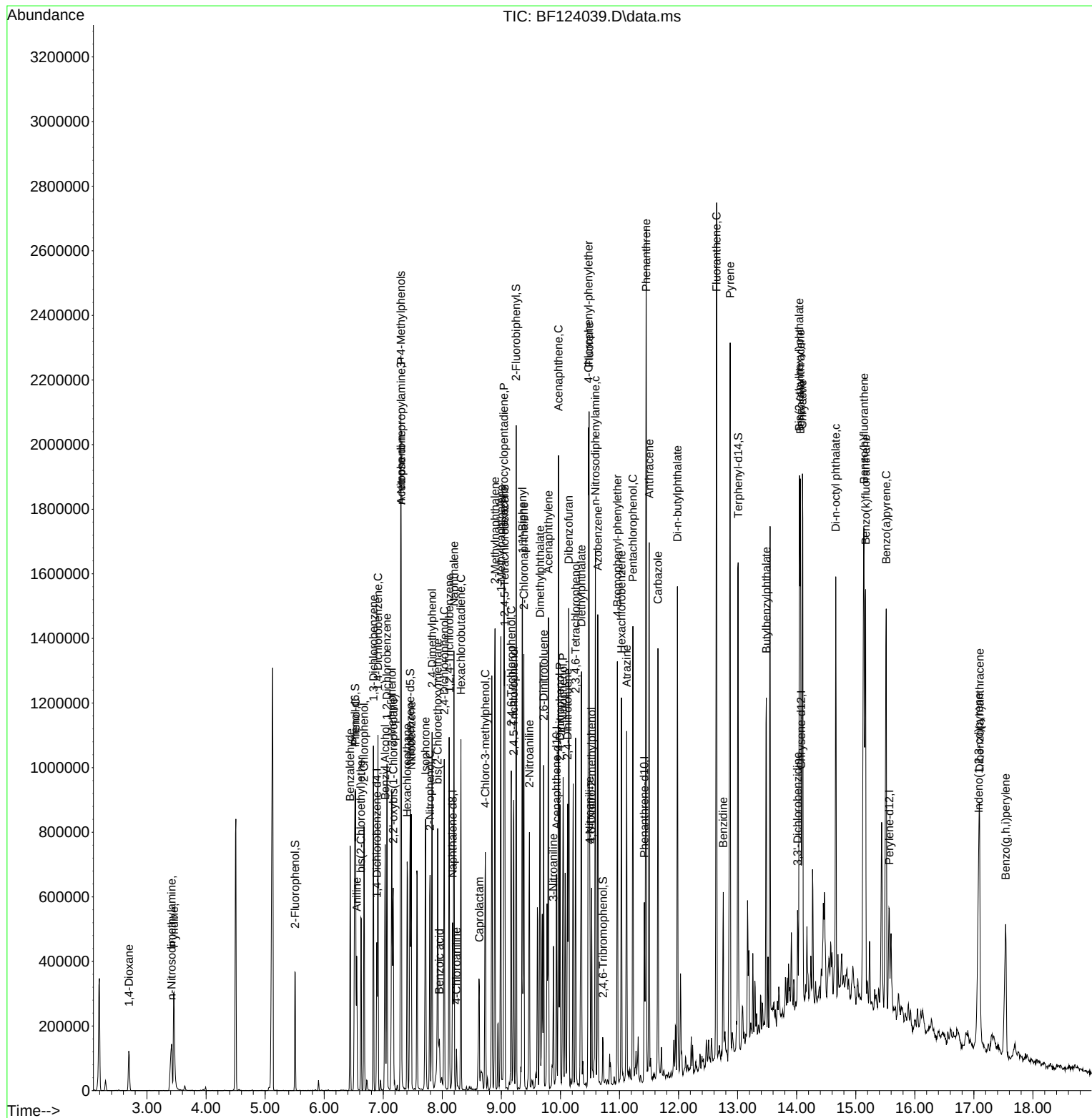
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
Data File : BF124039.D
Acq On : 24 May 2021 16:07
Operator : JU/CG
Sample : M2489-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

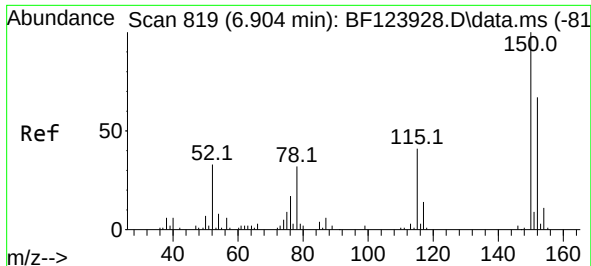
Instrument :
BNA_F
ClientSampled :
359MS

Manual Integrations
APPROVED

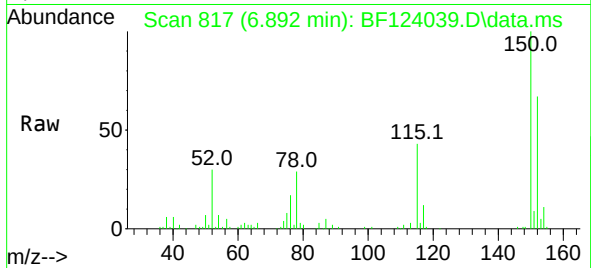
mohammad
5/25/2021 11:18:02 AM

Quant Time: May 24 16:26:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

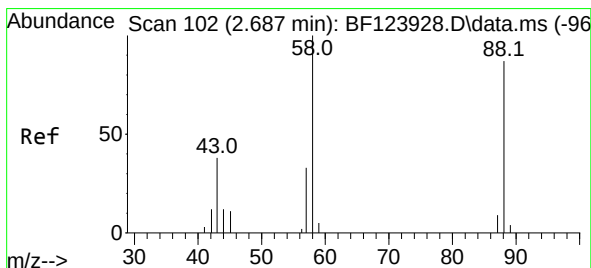
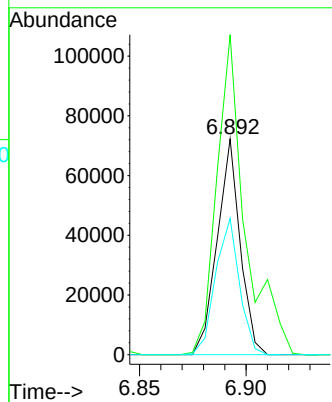
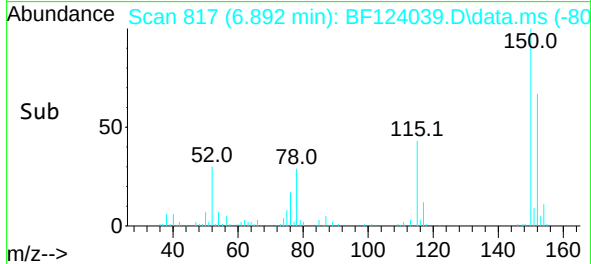




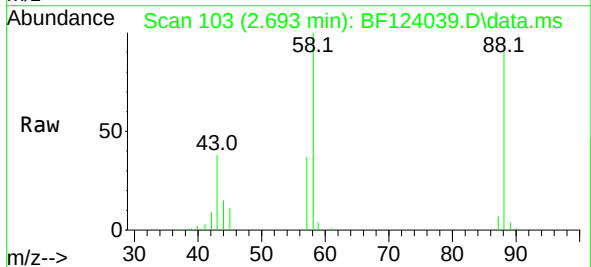
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



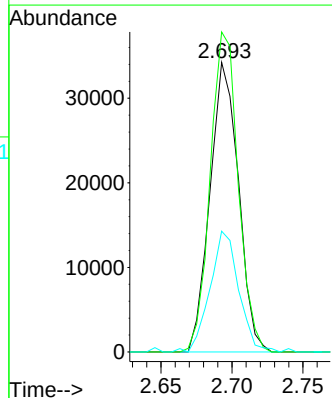
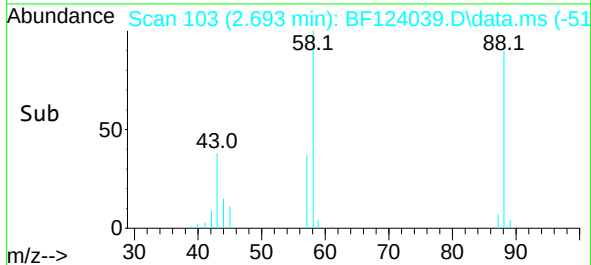
Tgt Ion:152 Resp: 54103
Ion Ratio Lower Upper
152 100
150 148.2 127.0 190.6
115 63.1 54.3 81.5



#2
1,4-Dioxane
Concen: 28.23 ng
RT: 2.693 min Scan# 103
Delta R.T. 0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



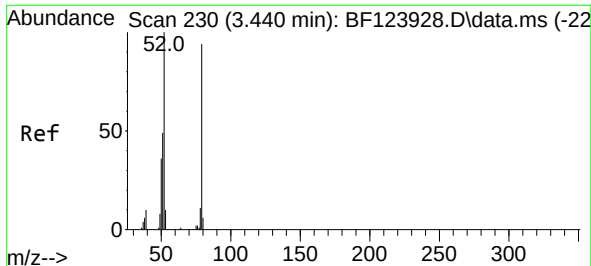
Tgt Ion: 88 Resp: 47780
Ion Ratio Lower Upper
88 100
58 108.4 83.8 125.8
43 42.2 32.2 48.4



Instrument :
BNA_F
ClientSampleId :
359MS

Manual Integrations
APPROVED

mohammad
5/25/2021 11:18:02 AM



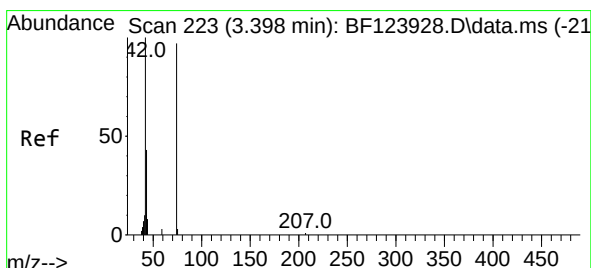
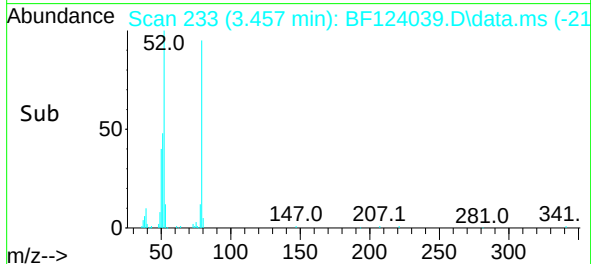
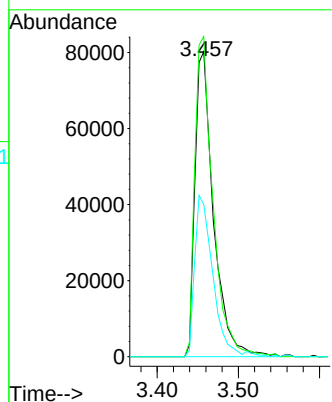
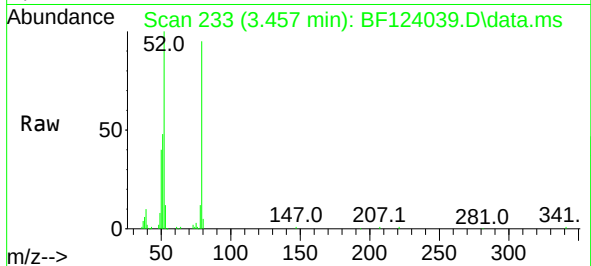
#3
 Pyridine
 Concen: 29.13 ng
 RT: 3.457 min Scan# 233
 Delta R.T. 0.018 min
 Lab File: BF124039.D
 Acq: 24 May 2021 16:07

Tgt Ion: 79 Resp: 127238
 Ion Ratio Lower Upper
 79 100
 52 104.9 87.4 131.0
 51 50.0 41.4 62.0

Instrument :
 BNA_F
 ClientSampleId :
 359MS

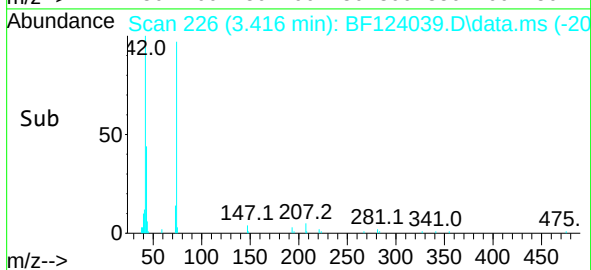
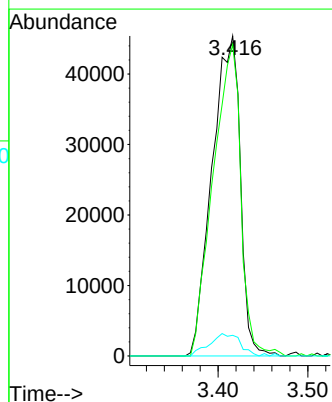
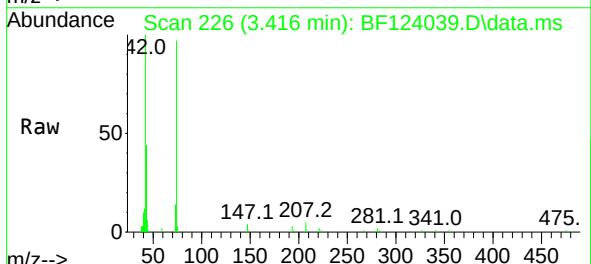
Manual Integrations
 APPROVED

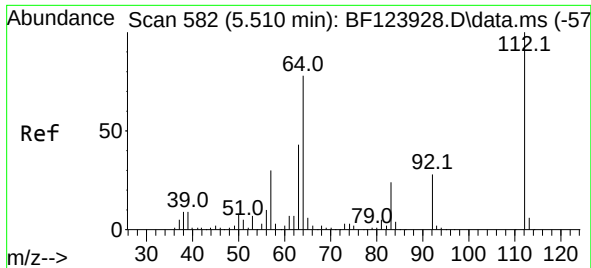
mohammad
 5/25/2021 11:18:02 AM



#4
 n-Nitrosodimethylamine
 Concen: 34.92 ng
 RT: 3.416 min Scan# 226
 Delta R.T. 0.018 min
 Lab File: BF124039.D
 Acq: 24 May 2021 16:07

Tgt Ion: 42 Resp: 99076
 Ion Ratio Lower Upper
 42 100
 74 97.3 83.5 125.3
 44 6.4 5.7 8.5





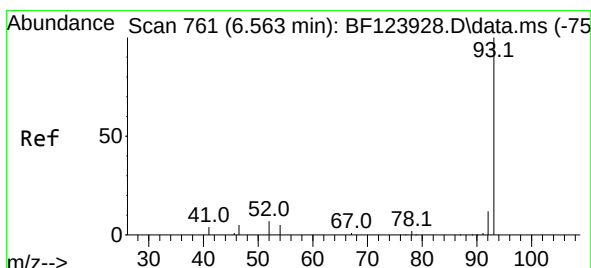
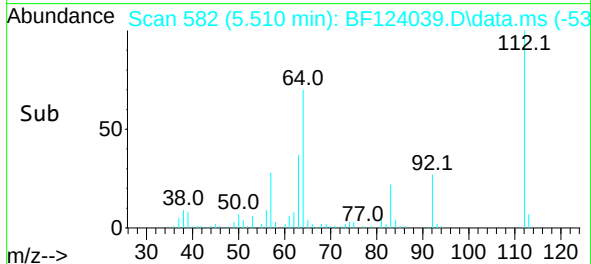
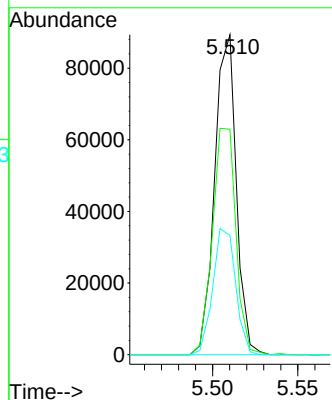
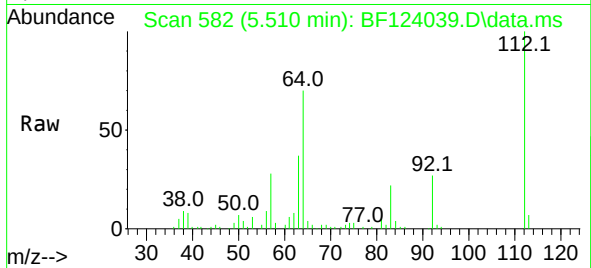
#5
2-Fluorophenol
Concen: 20.47 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:	112	Resp:	78866
Ion Ratio	Lower	Upper	
112	100		
64	70.4	61.4	92.0
63	37.2	33.0	49.4

Instrument :
BNA_F
ClientSampled :
359MS

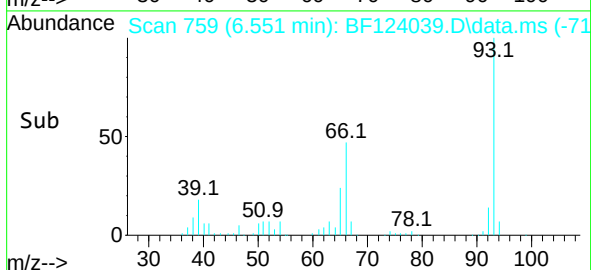
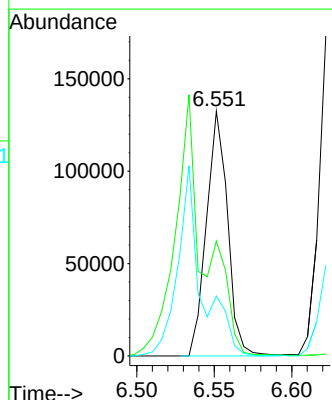
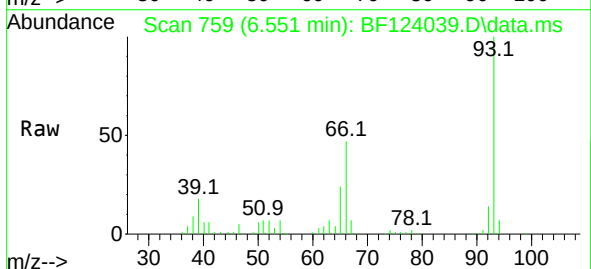
Manual Integrations
APPROVED

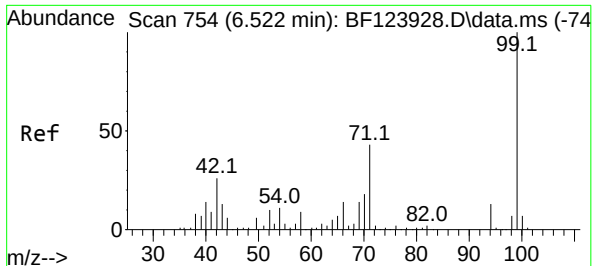
mohammad
5/25/2021 11:18:02 AM



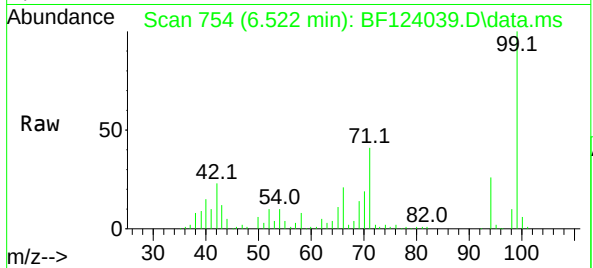
#6
Aniline
Concen: 22.19 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:	93	Resp:	125921
Ion Ratio	Lower	Upper	
93	100		
66	47.0	36.4	54.6
65	24.5	19.4	29.0

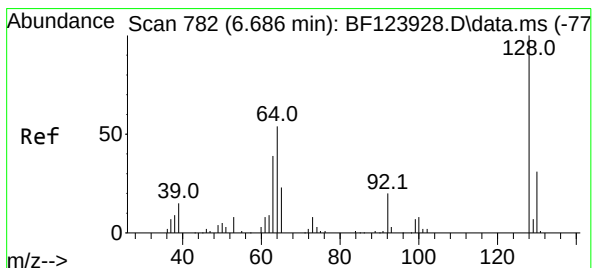
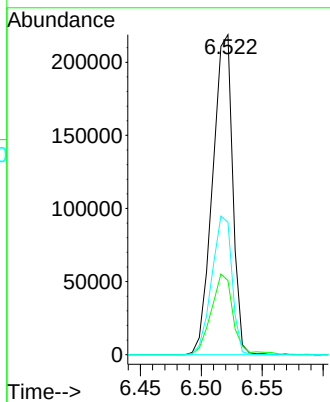
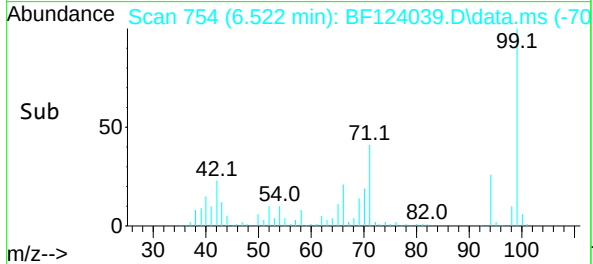




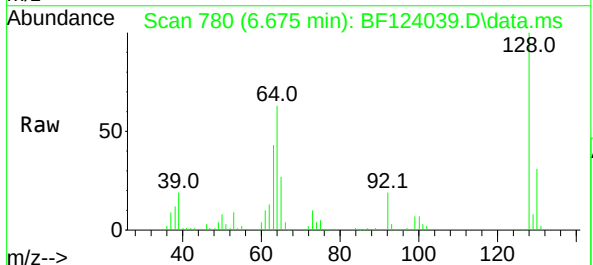
#7
Phenol-d6
Concen: 50.29 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



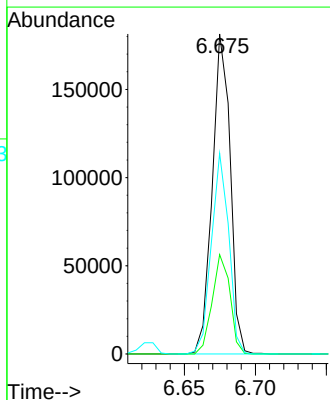
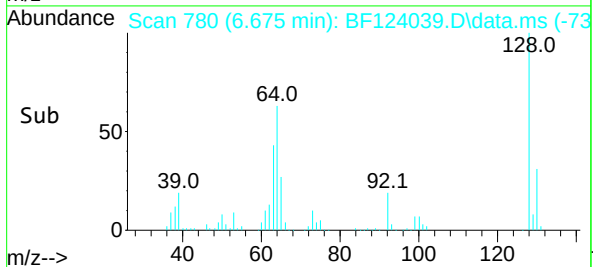
Tgt Ion: 99 Resp: 251397
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.8
71 41.4 31.1 46.7



#8
2-Chlorophenol
Concen: 39.60 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



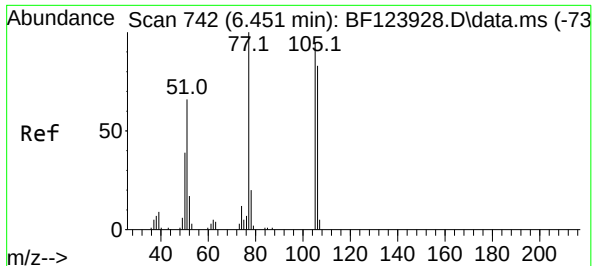
Tgt Ion: 128 Resp: 158824
Ion Ratio Lower Upper
128 100
130 31.0 12.6 52.6
64 62.7 41.5 81.5



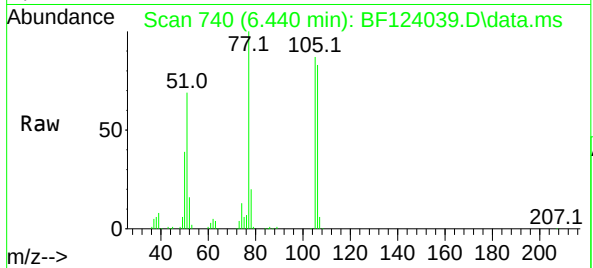
Instrument :
BNA_F
ClientSampleId :
359MS

Manual Integrations
APPROVED

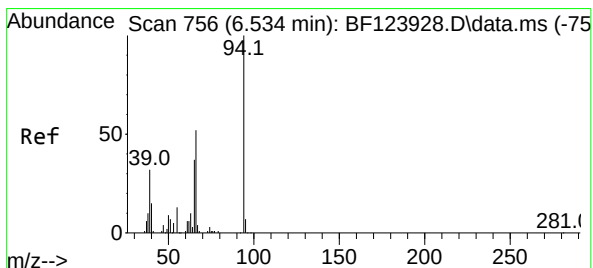
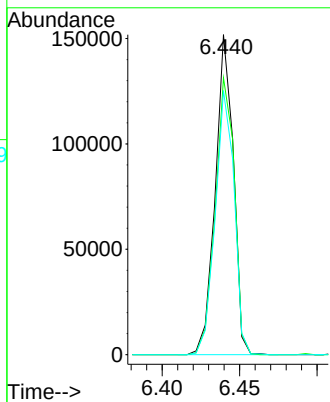
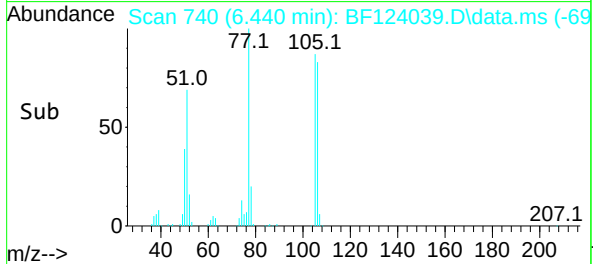
mohammad
5/25/2021 11:18:02 AM



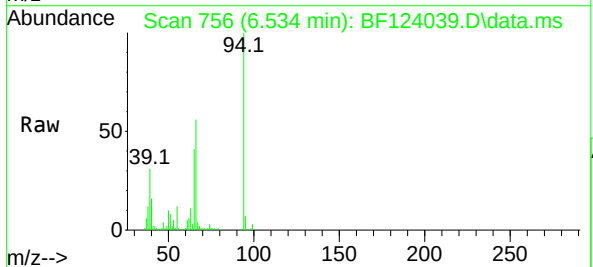
#9
Benzaldehyde
Concen: 56.91 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



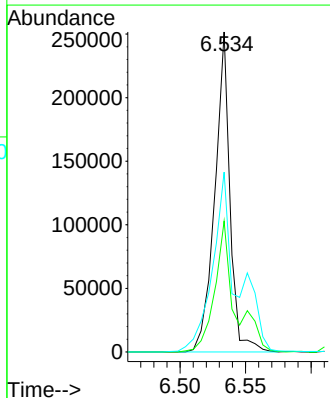
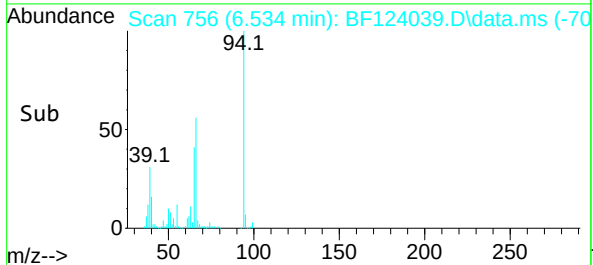
Tgt Ion: 77 Resp: 123088
Ion Ratio Lower Upper
77 100
105 86.5 75.2 115.2
106 82.5 71.6 111.6



#10
Phenol
Concen: 40.05 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



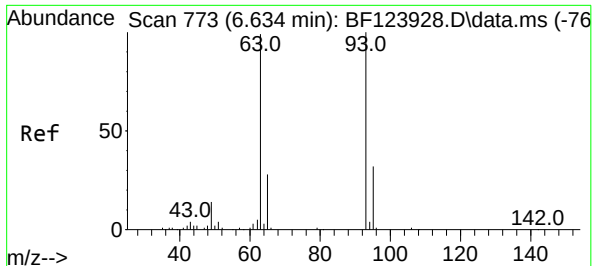
Tgt Ion: 94 Resp: 202332
Ion Ratio Lower Upper
94 100
65 40.9 18.1 58.1
66 56.2 29.0 69.0



Instrument :
BNA_F
ClientSampleId :
359MS

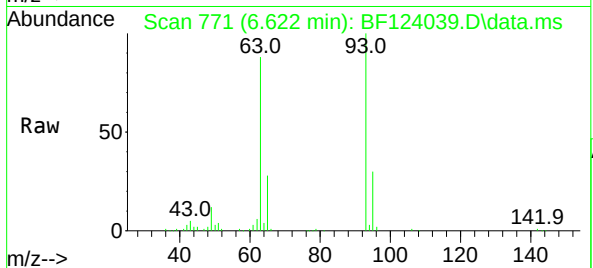
Manual Integrations
APPROVED

mohammad
5/25/2021 11:18:02 AM



#11
bis(2-Chloroethyl)ether
Concen: 40.26 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

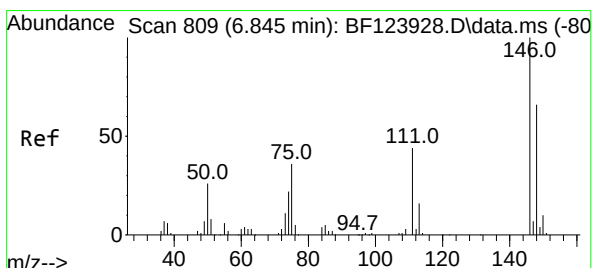
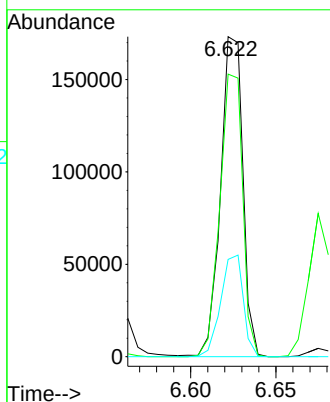
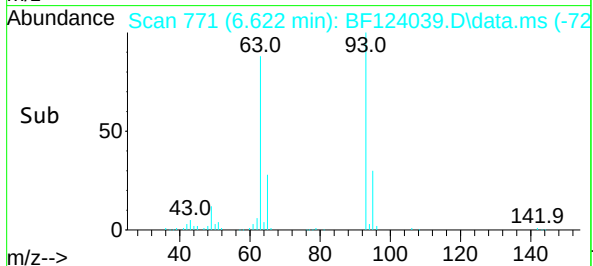
Instrument :
BNA_F
ClientSampled :
359MS



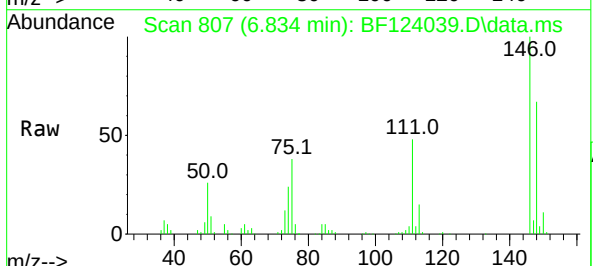
Tgt Ion: 93 Resp: 158085
Ion Ratio Lower Upper
93 100
63 88.3 76.1 116.1
95 30.4 11.5 51.5

Manual Integrations
APPROVED

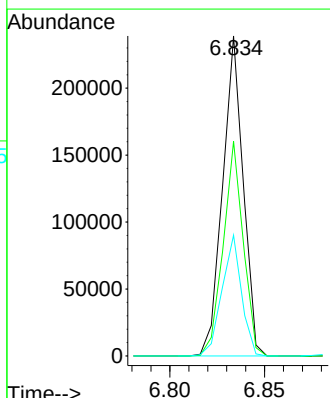
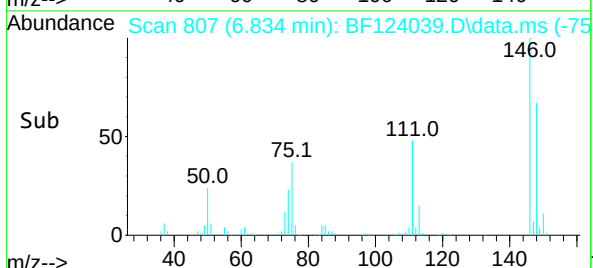
mohammad
5/25/2021 11:18:02 AM

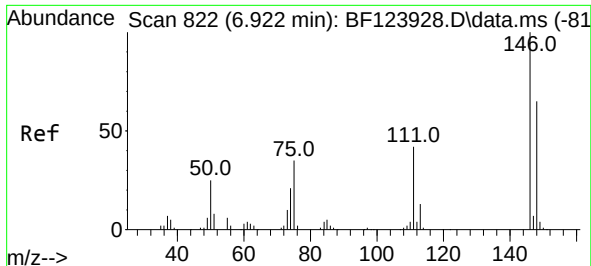


#12
1,3-Dichlorobenzene
Concen: 38.60 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



Tgt Ion: 146 Resp: 180308
Ion Ratio Lower Upper
146 100
148 67.1 50.9 76.3
75 37.7 34.2 51.4





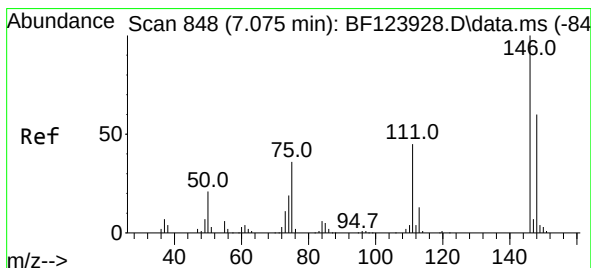
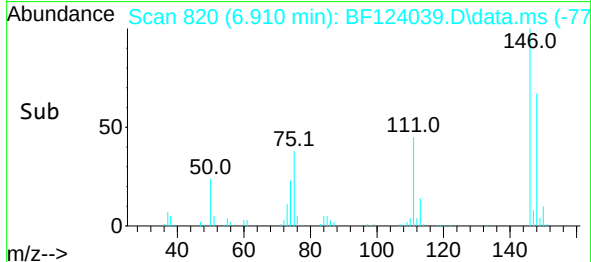
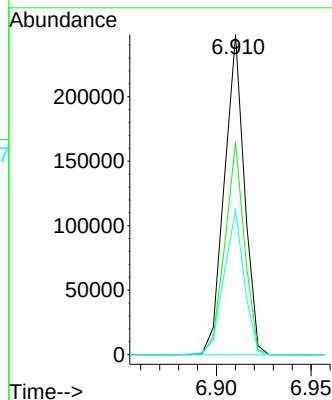
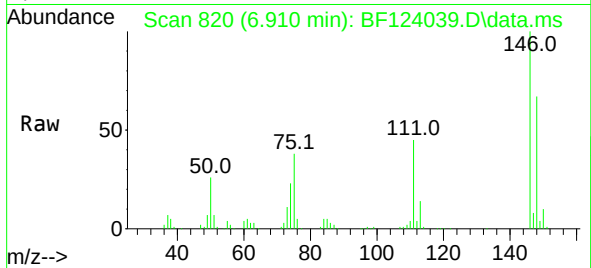
#13
1,4-Dichlorobenzene
Concen: 38.05 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:146 Resp: 181880
Ion Ratio Lower Upper
146 100
148 66.5 49.9 74.9
111 45.3 39.5 59.3

Instrument :
BNA_F
ClientSampled :
359MS

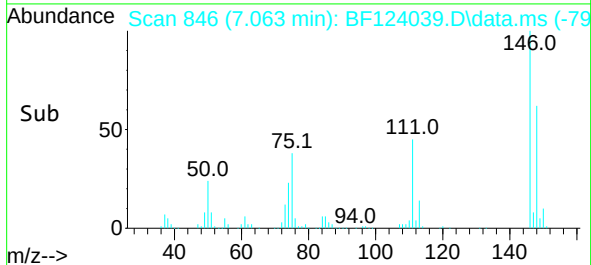
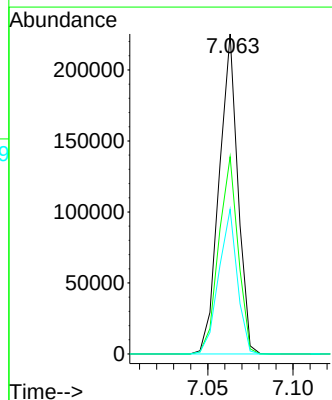
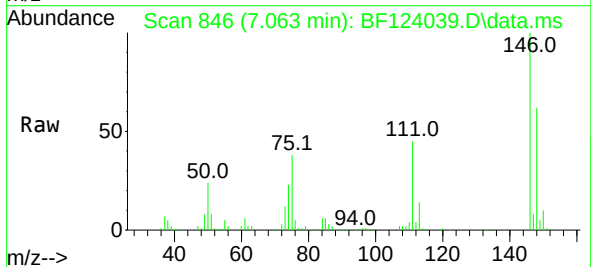
Manual Integrations
APPROVED

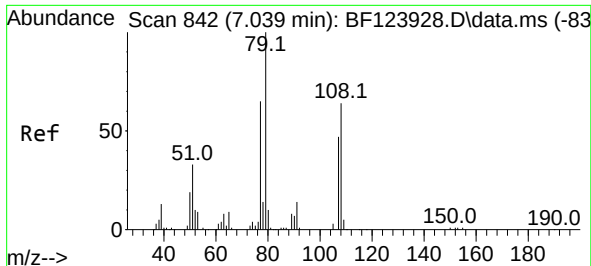
mohammad
5/25/2021 11:18:02 AM



#14
1,2-Dichlorobenzene
Concen: 38.50 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:146 Resp: 171963
Ion Ratio Lower Upper
146 100
148 61.7 51.6 77.4
111 45.3 38.4 57.6





#15

Benzyl Alcohol

Concen: 39.59 ng

RT: 7.034 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF124039.D

Acq: 24 May 2021 16:07

Tgt Ion:	79	Resp:	170921
Ion	Ratio	Lower	Upper
79	100		
108	58.0	55.8	83.8
77	58.3	49.9	74.9

Instrument :

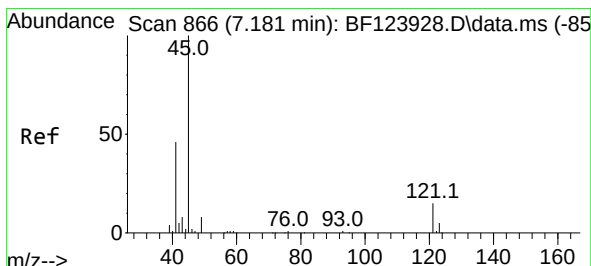
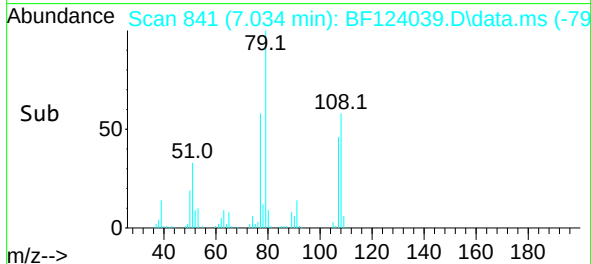
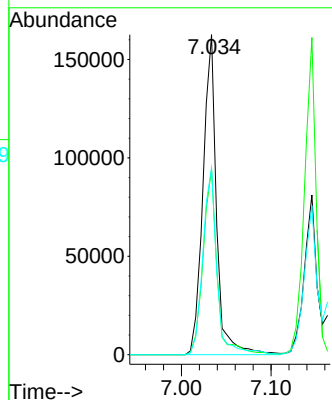
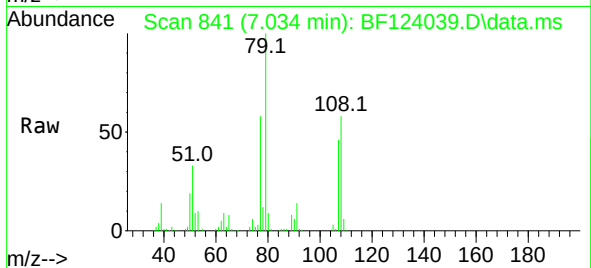
BNA_F

ClientSampled :

359MS

Manual Integrations
APPROVED

mohammad
5/25/2021 11:18:02 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.84 ng

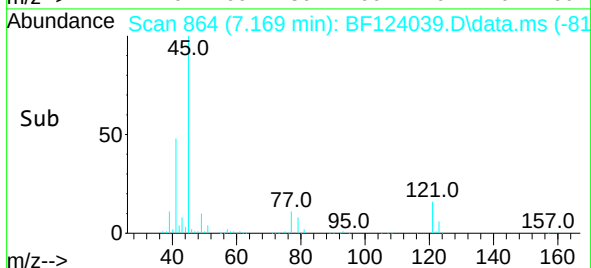
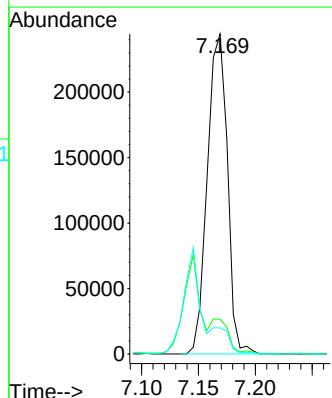
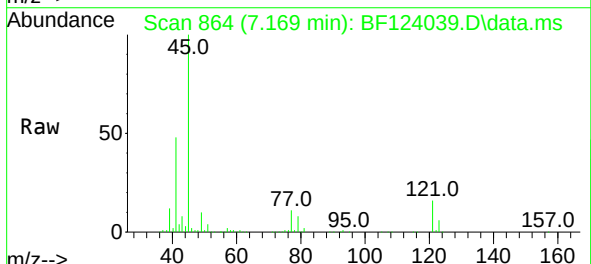
RT: 7.169 min Scan# 864

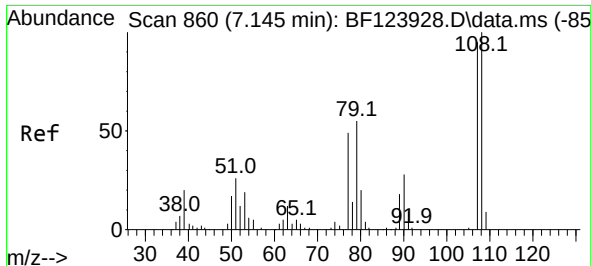
Delta R.T. -0.012 min

Lab File: BF124039.D

Acq: 24 May 2021 16:07

Tgt Ion:	45	Resp:	299116
Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.0
79	8.2	0.0	27.3





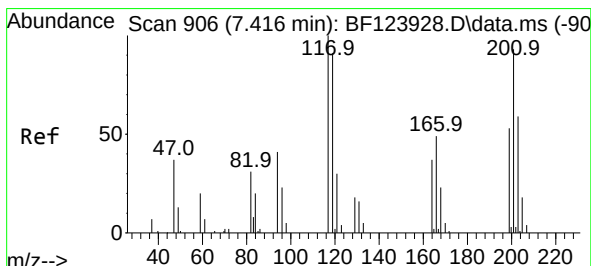
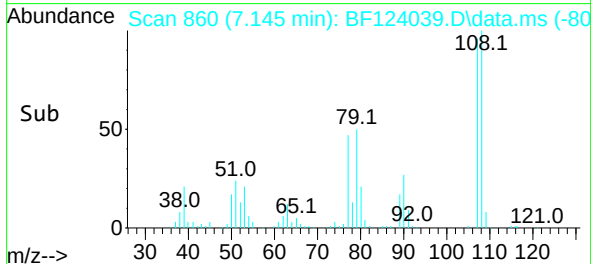
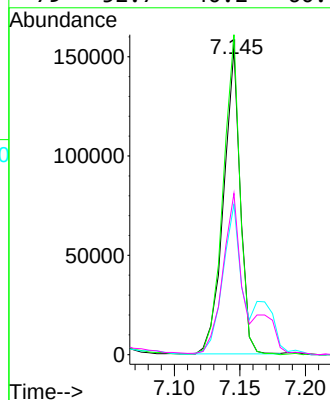
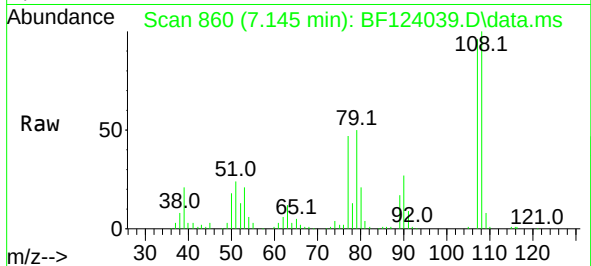
#17
2-Methylphenol
Concen: 41.80 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:	107	Resp:	135919
Ion	Ratio	Lower	Upper
107	100		
108	104.5	89.8	134.8
77	49.1	40.9	61.3
79	52.7	40.2	60.4

Instrument :
BNA_F
ClientSampleId :
359MS

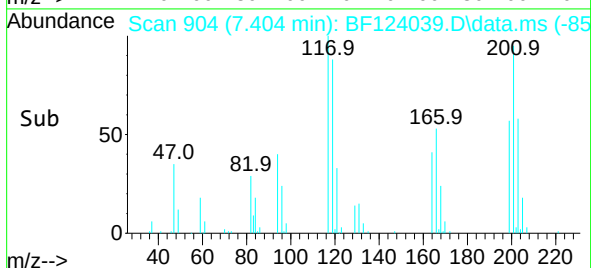
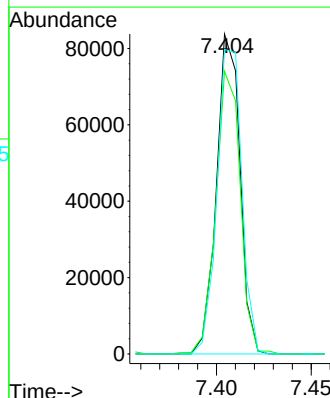
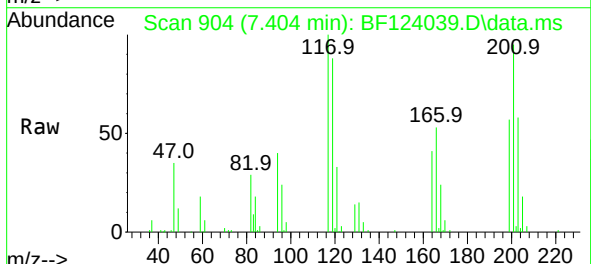
Manual Integrations
APPROVED

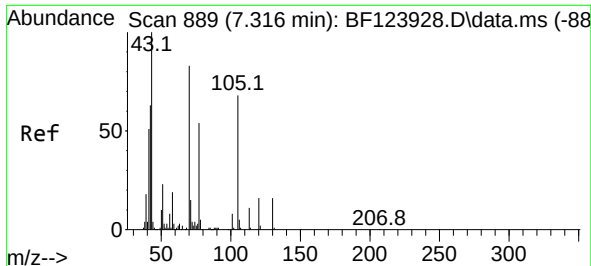
mohammad
5/25/2021 11:18:02 AM



#18
Hexachloroethane
Concen: 40.88 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

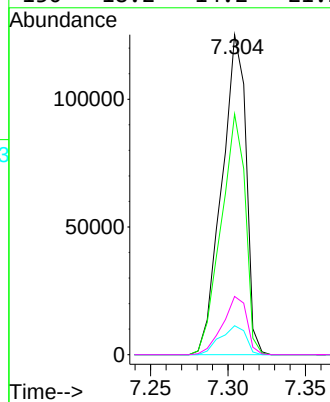
Tgt Ion:	117	Resp:	72424
Ion	Ratio	Lower	Upper
117	100		
119	88.3	77.8	116.8
201	95.2	67.8	101.8





#19
n-Nitroso-di-n-propylamine
Concen: 40.35 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

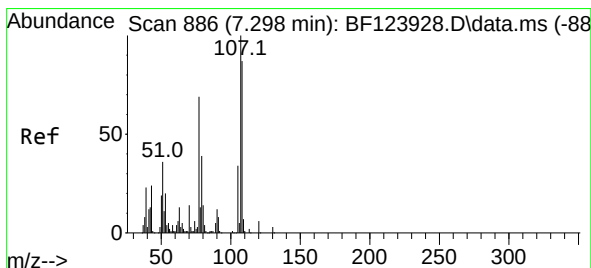
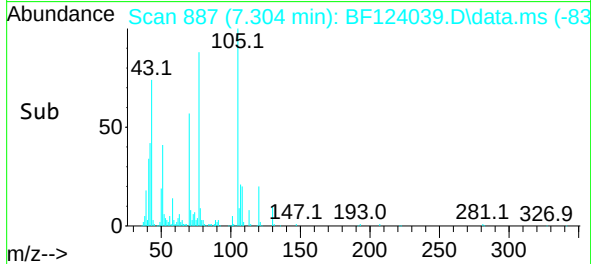
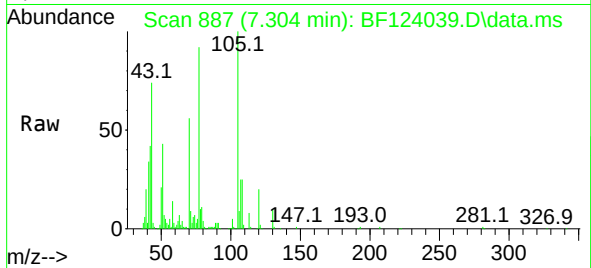
Tgt Ion:	70	Resp:	136291
Ion	Ratio	Lower	Upper
70	100		
42	75.2	60.1	90.1
101	9.0	7.4	11.2
130	18.2	14.2	21.2



Instrument :
BNA_F
ClientSampleId :
359MS

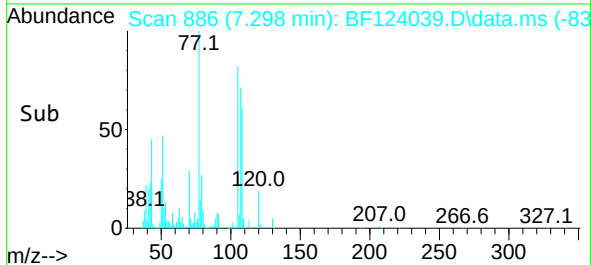
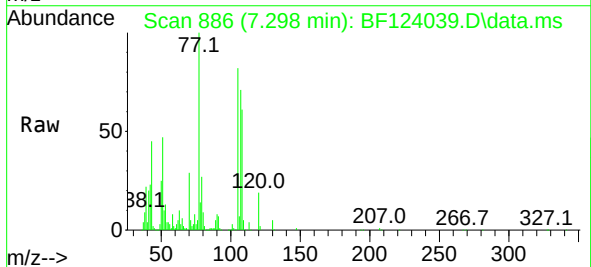
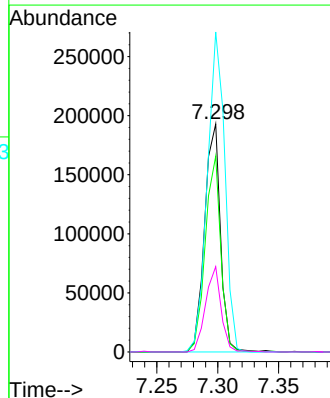
Manual Integrations
APPROVED

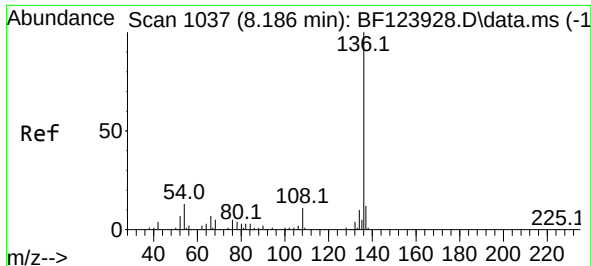
mohammad
5/25/2021 11:18:02 AM



#20
3+4-Methylphenols
Concen: 40.87 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

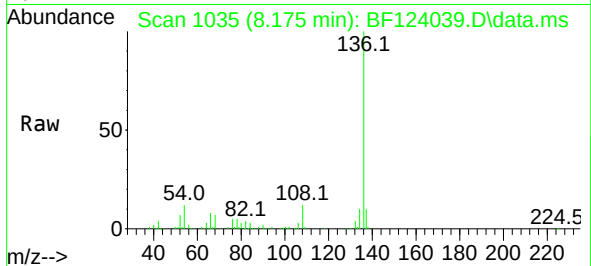
Tgt Ion:	107	Resp:	175076
Ion	Ratio	Lower	Upper
107	100		
108	85.9	71.5	111.5
77	140.3	82.0	122.0#
79	37.4	14.1	54.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

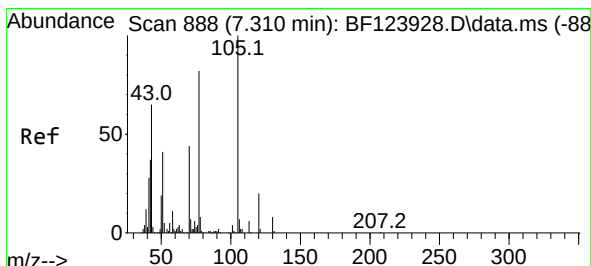
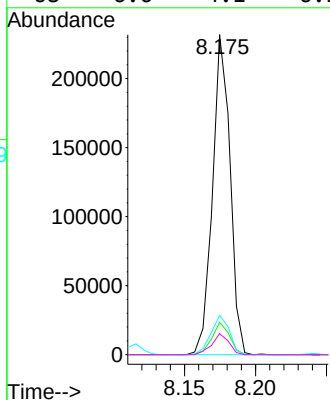
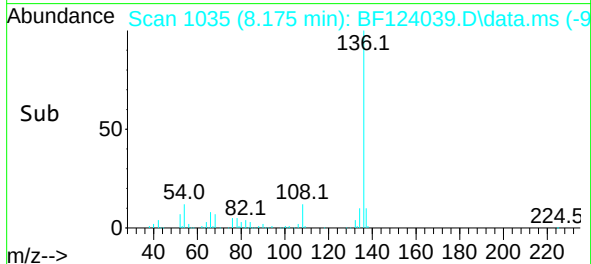
Instrument :
BNA_F
ClientSampleId :
359MS



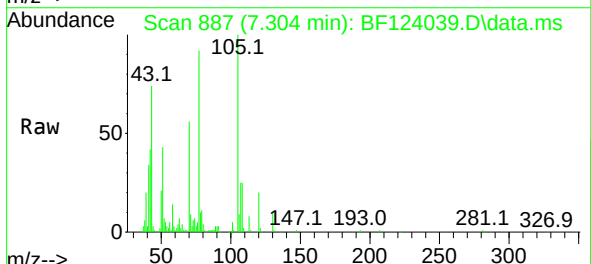
Tgt Ion:136 Resp: 199080
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 12.3 9.8 14.6
68 6.6 4.1 6.1#

Manual Integrations
APPROVED

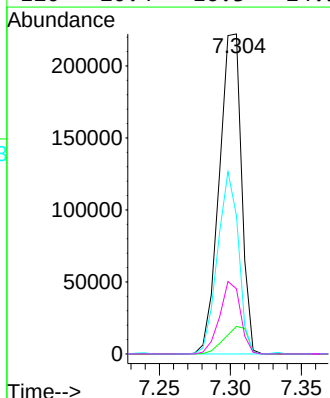
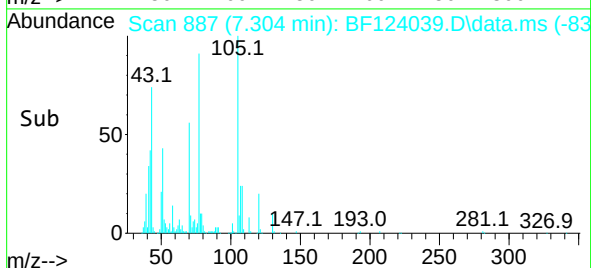
mohammad
5/25/2021 11:18:02 AM

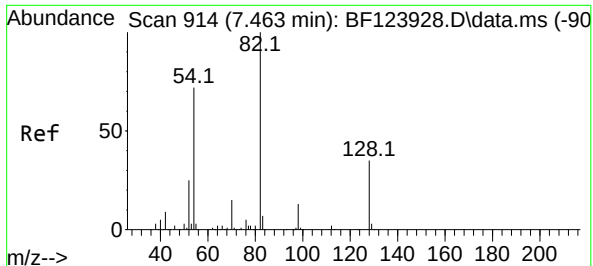


#22
Acetophenone
Concen: 42.80 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



Tgt Ion:105 Resp: 241963
Ion Ratio Lower Upper
105 100
71 8.6 4.2 6.4#
51 43.3 33.6 50.4
120 20.4 16.3 24.5





#23

Nitrobenzene-d5

Concen: 58.94 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF124039.D

Acq: 24 May 2021 16:07

Tgt Ion:	82	Resp:	272320
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.4	44.2
54	68.4	54.1	81.1

Instrument :

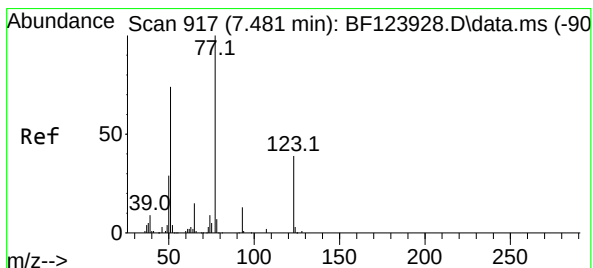
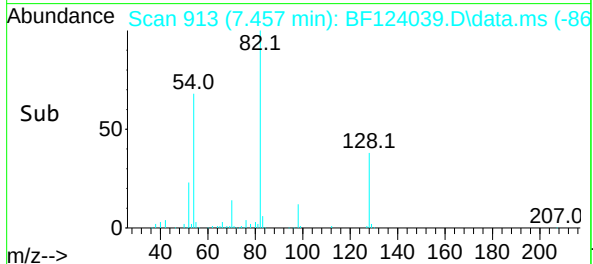
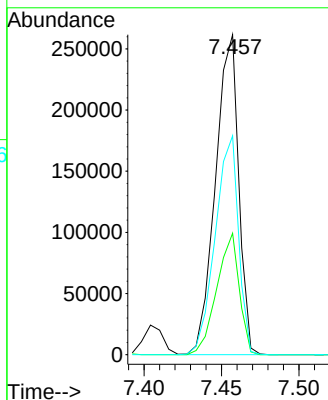
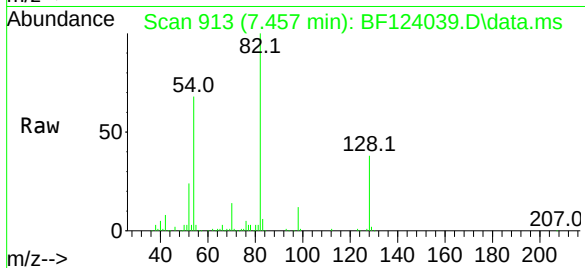
BNA_F

ClientSampleId :

359MS

Manual Integrations
APPROVED

mohammad
5/25/2021 11:18:02 AM



#24

Nitrobenzene

Concen: 41.58 ng

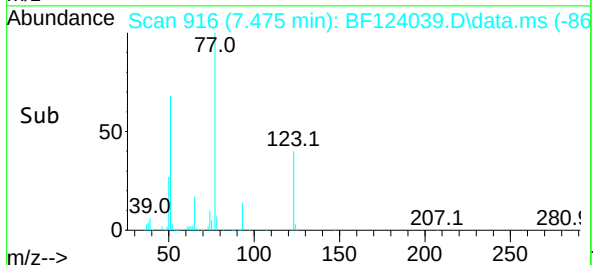
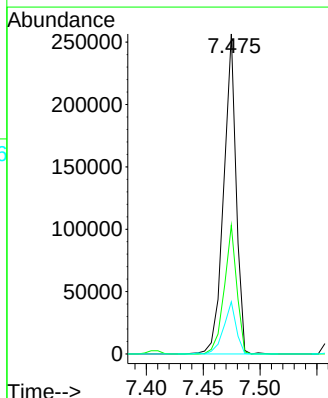
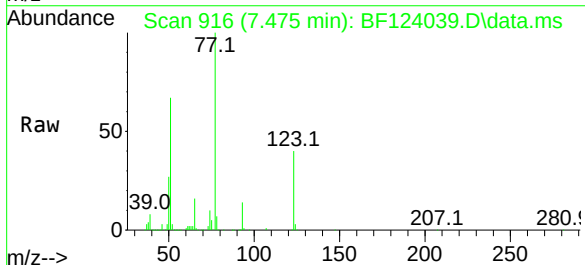
RT: 7.475 min Scan# 916

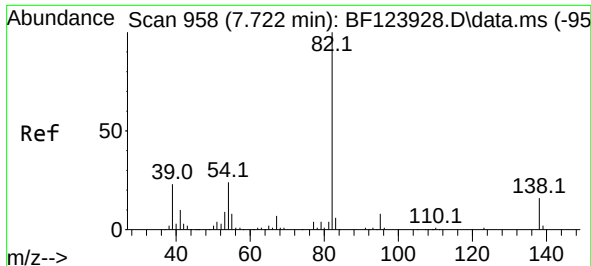
Delta R.T. -0.006 min

Lab File: BF124039.D

Acq: 24 May 2021 16:07

Tgt Ion:	77	Resp:	196458
Ion	Ratio	Lower	Upper
77	100		
123	40.2	34.5	51.7
65	16.3	12.2	18.2





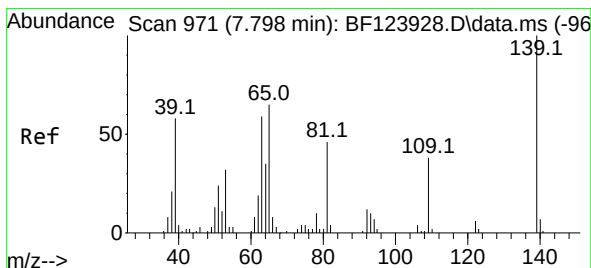
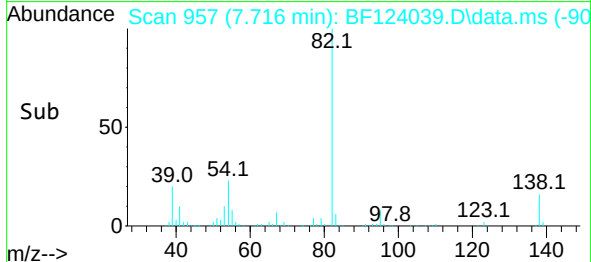
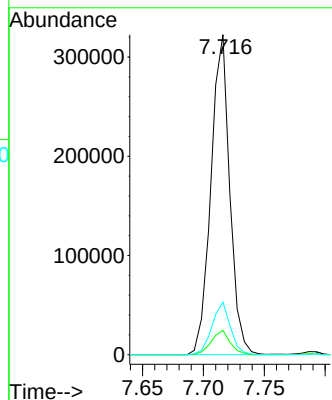
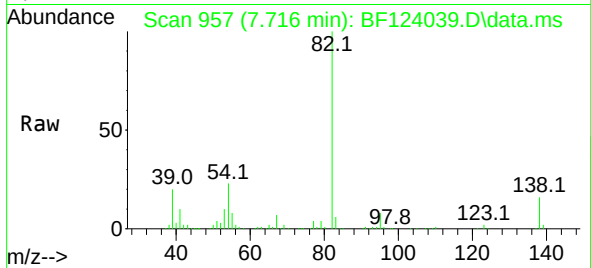
#25
Isophorone
Concen: 39.09 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion: 82 Resp: 347463
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 16.5 11.8 17.8

Instrument :
BNA_F
ClientSampleId :
359MS

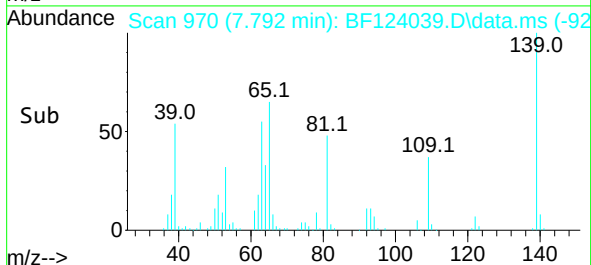
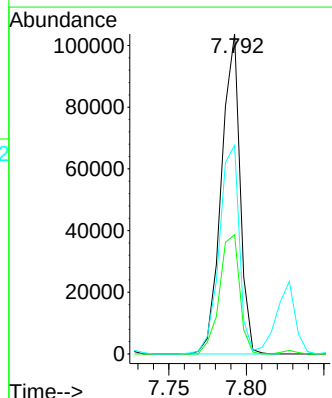
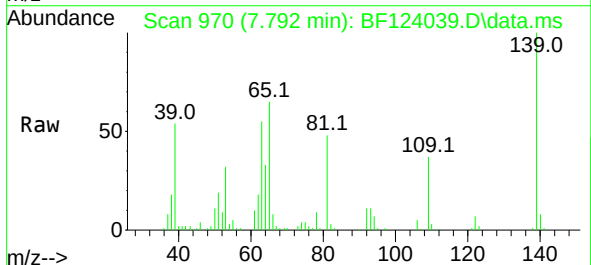
Manual Integrations
APPROVED

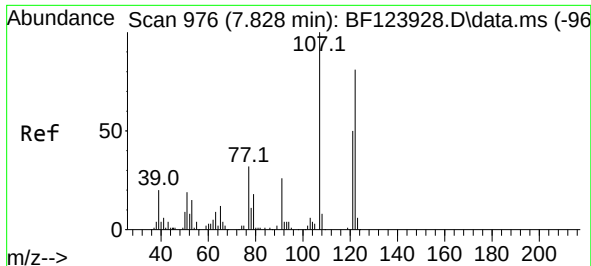
mohammad
5/25/2021 11:18:02 AM



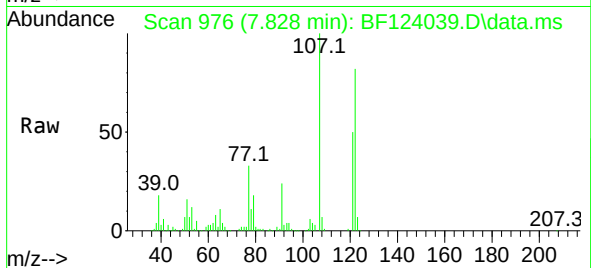
#26
2-Nitrophenol
Concen: 48.77 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion: 139 Resp: 86674
Ion Ratio Lower Upper
139 100
109 37.2 28.6 43.0
65 65.2 56.8 85.2

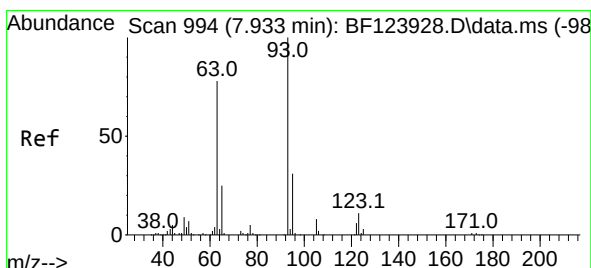
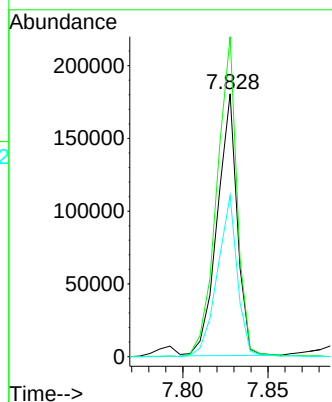
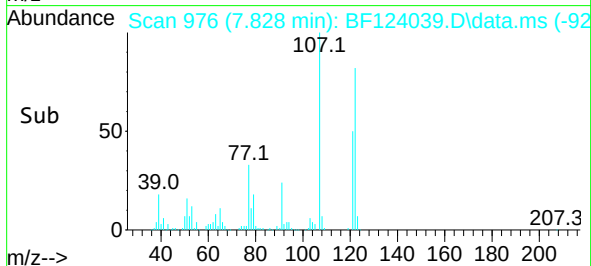




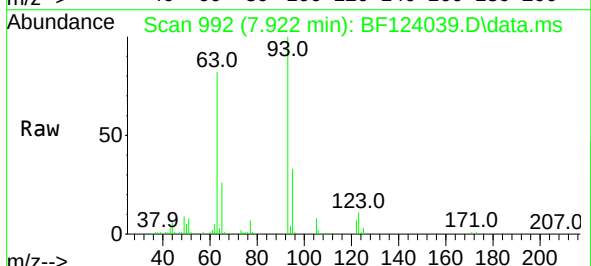
#27
2,4-Dimethylphenol
Concen: 43.08 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



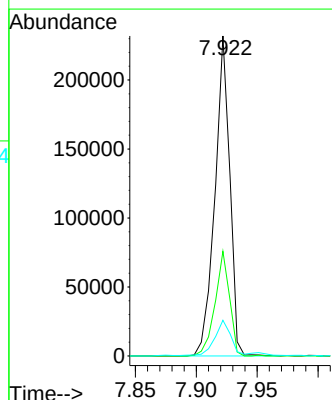
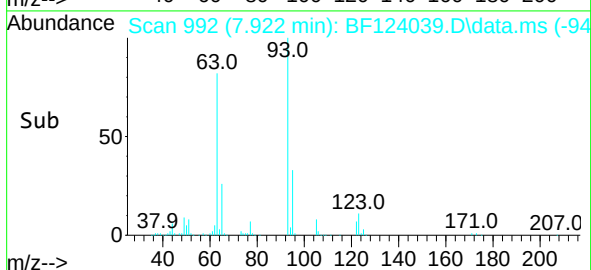
Tgt Ion:122 Resp: 146610
Ion Ratio Lower Upper
122 100
107 121.7 106.3 159.5
121 61.3 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.00 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



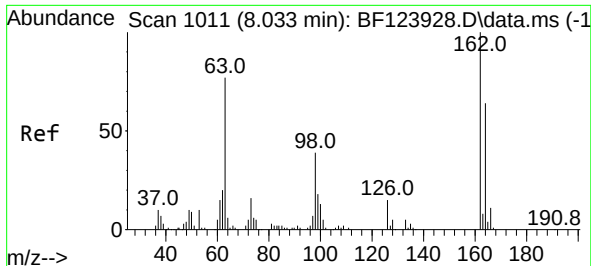
Tgt Ion: 93 Resp: 196647
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.2 8.4 12.6



Instrument :
BNA_F
ClientSampleId :
359MS

Manual Integrations
APPROVED

mohammad
5/25/2021 11:18:02 AM



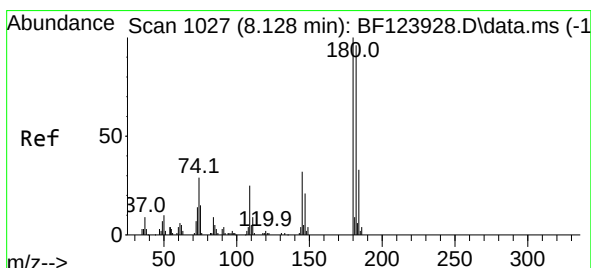
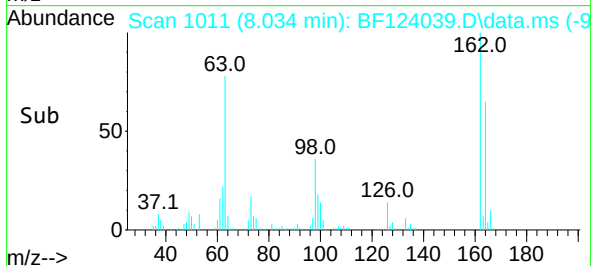
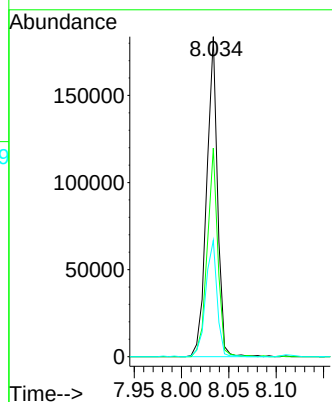
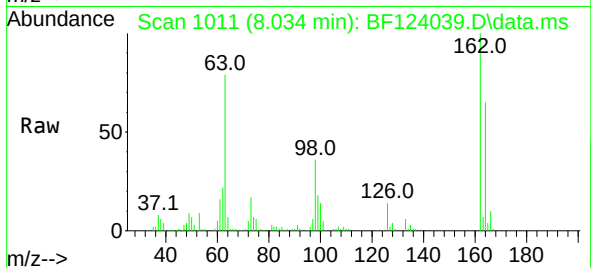
#29
2,4-Dichlorophenol
Concen: 42.56 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:162 Resp: 146611
Ion Ratio Lower Upper
162 100
164 65.2 44.1 84.1
98 36.4 27.3 67.3

Instrument :
BNA_F
ClientSampled :
359MS

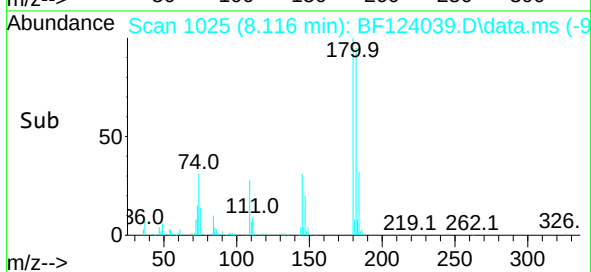
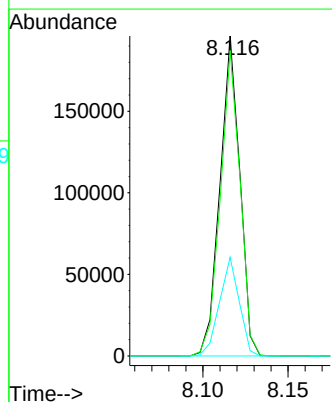
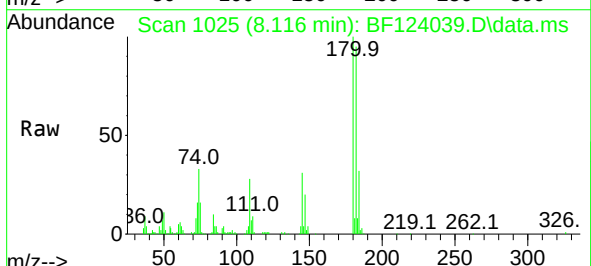
Manual Integrations
APPROVED

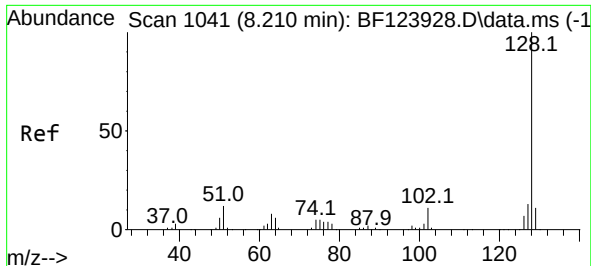
mohammad
5/25/2021 11:18:02 AM



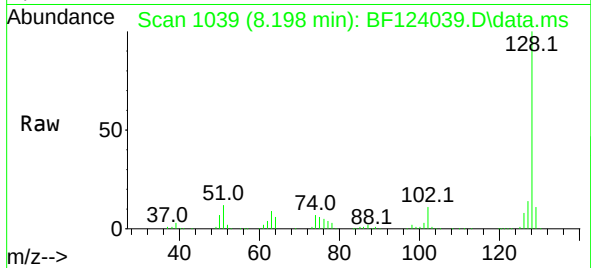
#30
1,2,4-Trichlorobenzene
Concen: 41.02 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:180 Resp: 158842
Ion Ratio Lower Upper
180 100
182 95.5 77.2 115.8
145 30.8 26.0 39.0

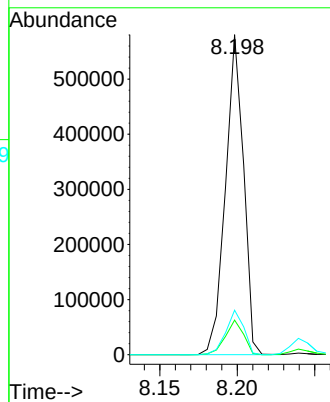
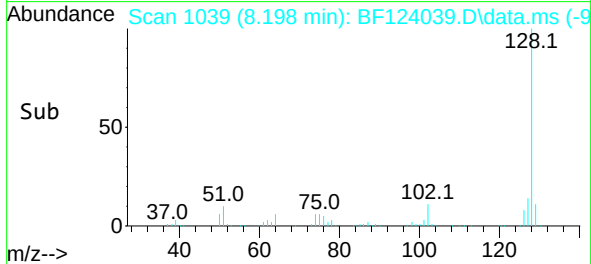




#31
Naphthalene
Concen: 39.92 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



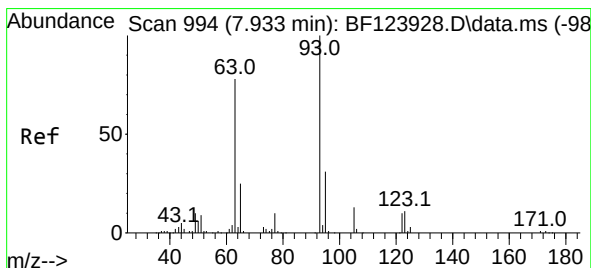
Tgt Ion:128 Resp: 470342
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.9 10.8 16.2



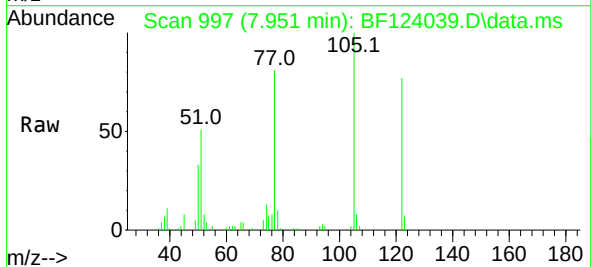
Instrument :
BNA_F
ClientSampleId :
359MS

Manual Integrations
APPROVED

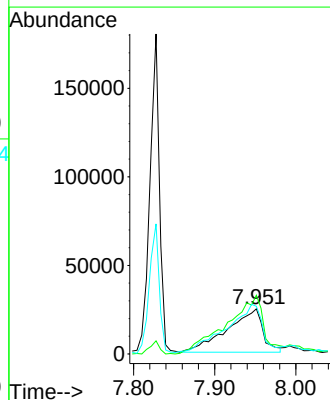
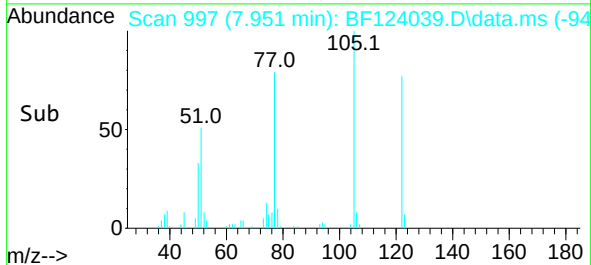
mohammad
5/25/2021 11:18:02 AM

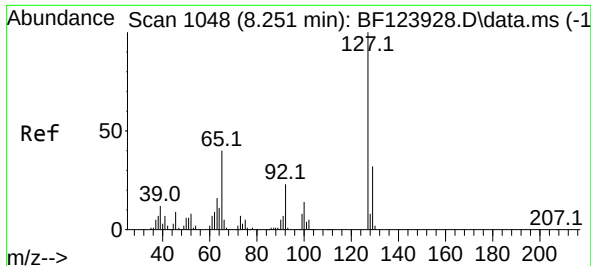


#32
Benzoic acid
Concen: 40.13 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



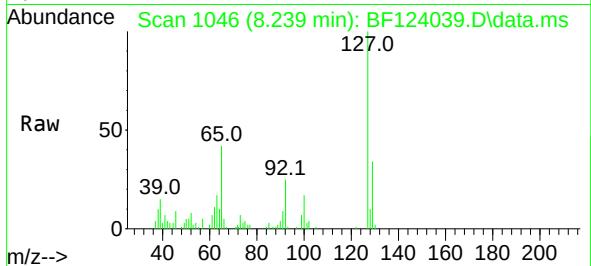
Tgt Ion:122 Resp: 74945
Ion Ratio Lower Upper
122 100
105 129.8 107.8 147.8
77 105.5 81.6 121.6





#33
4-Chloroaniline
Concen: 6.92 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

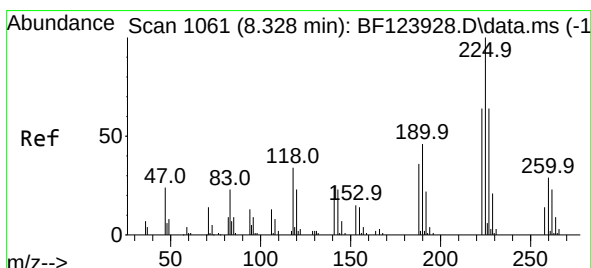
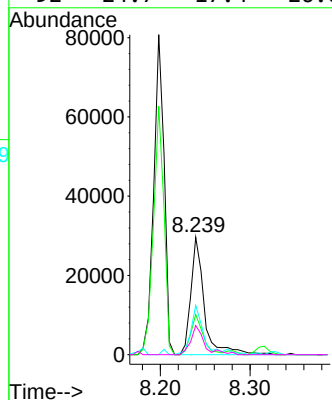
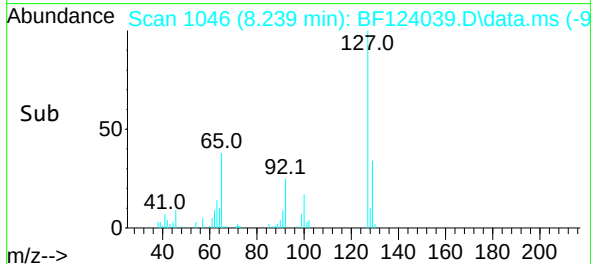
Instrument :
BNA_F
ClientSampled :
359MS



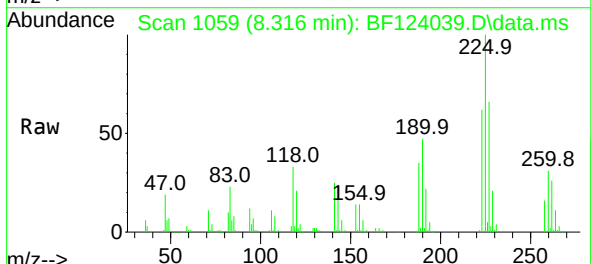
Tgt Ion:	127	Resp:	31043
Ion Ratio	Lower	Upper	
127	100		
129	34.2	25.7	38.5
65	41.9	34.5	51.7
92	24.7	17.4	26.0

Manual Integrations
APPROVED

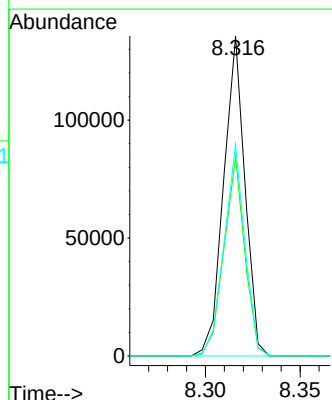
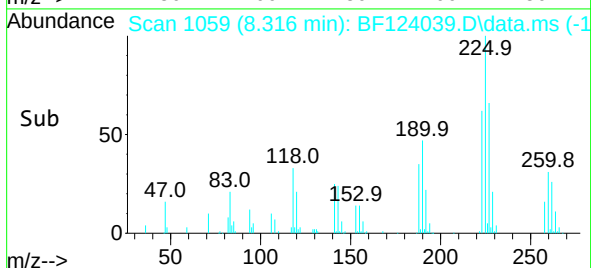
mohammad
5/25/2021 11:18:02 AM

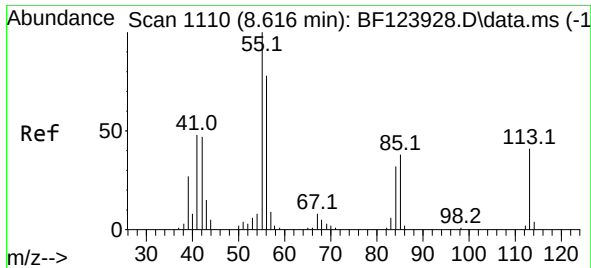


#34
Hexachlorobutadiene
Concen: 41.68 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



Tgt Ion:	225	Resp:	105682
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.4	75.6
227	66.1	51.4	77.0





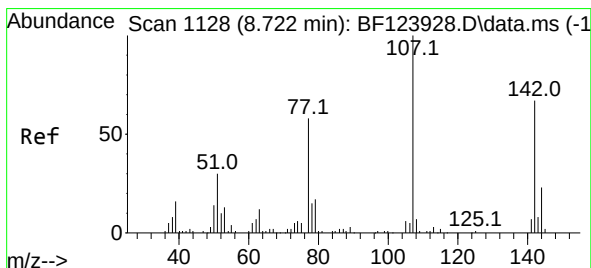
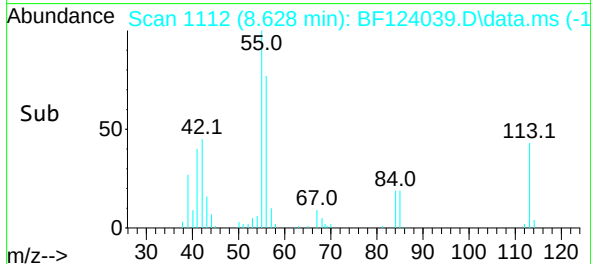
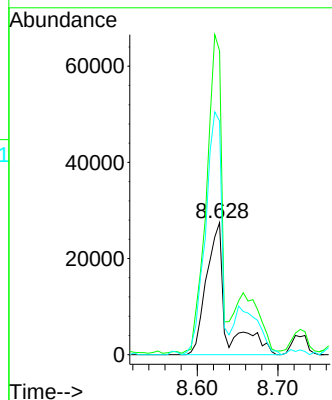
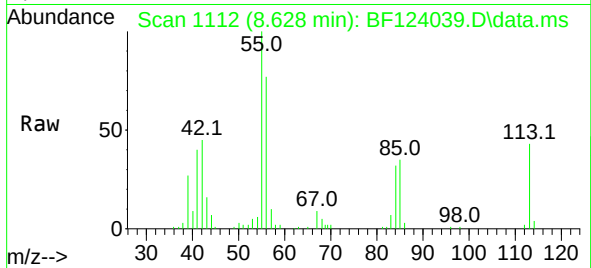
#35
Caprolactam
Concen: 50.51 ng m
RT: 8.628 min Scan# 1112
Delta R.T. 0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:113 Resp: 47368
Ion Ratio Lower Upper
113 100
55 230.3 254.9 294.9#
56 177.1 179.4 219.4#

Instrument :
BNA_F
ClientSampleId :
359MS

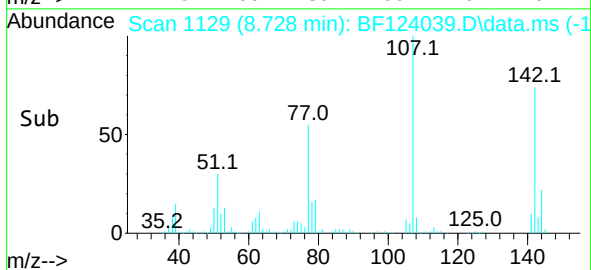
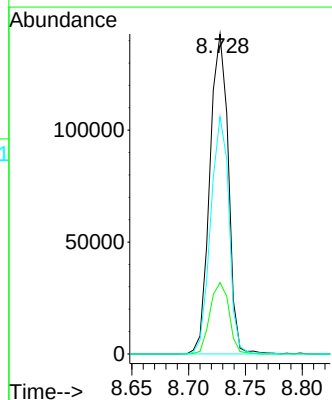
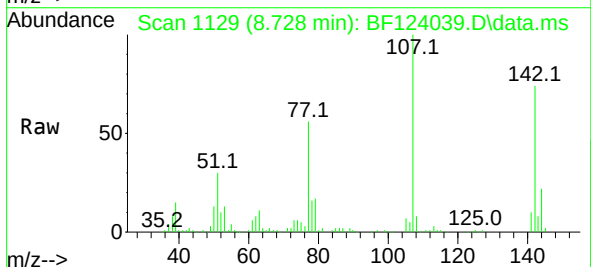
Manual Integrations
APPROVED

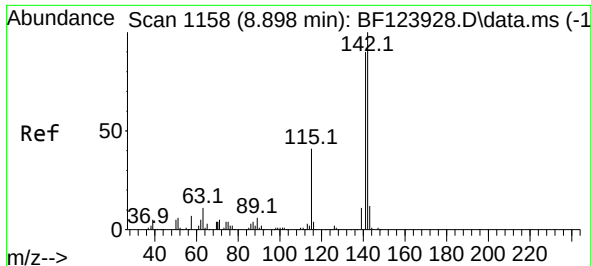
mohammad
5/25/2021 11:18:02 AM



#36
4-Chloro-3-methylphenol
Concen: 42.80 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:107 Resp: 161229
Ion Ratio Lower Upper
107 100
144 22.3 16.3 24.5
142 74.2 50.1 75.1





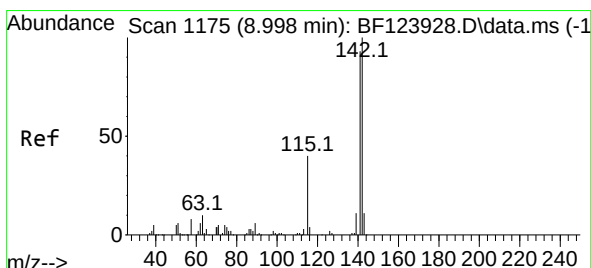
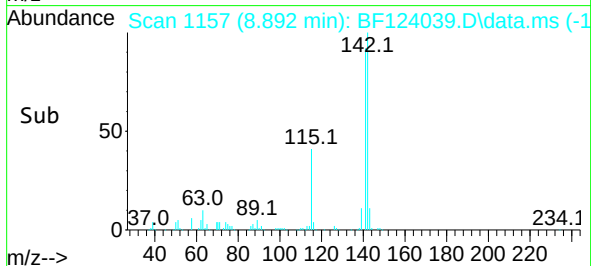
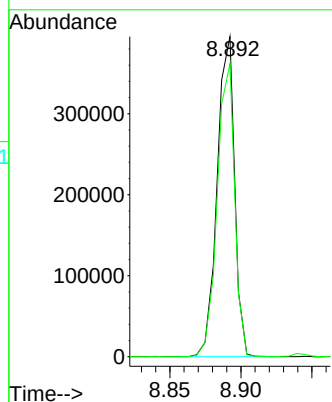
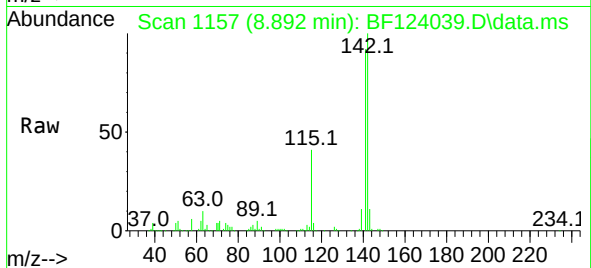
#37
2-Methylnaphthalene
Concen: 42.13 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:142 Resp: 336471
Ion Ratio Lower Upper
142 100
141 91.5 71.8 107.6

Instrument :
BNA_F
ClientSampleId :
359MS

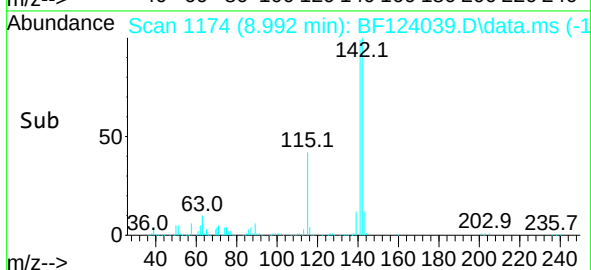
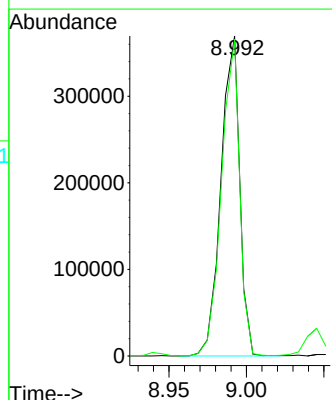
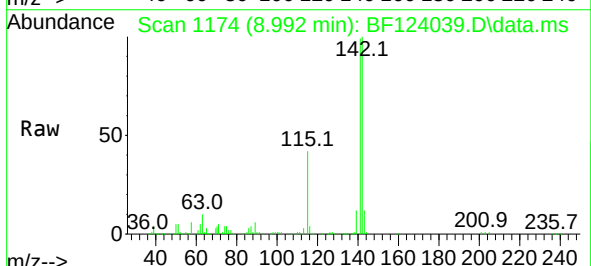
Manual Integrations
APPROVED

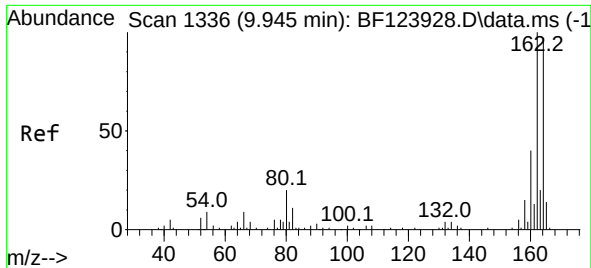
mohammad
5/25/2021 11:18:02 AM



#38
1-Methylnaphthalene
Concen: 41.62 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

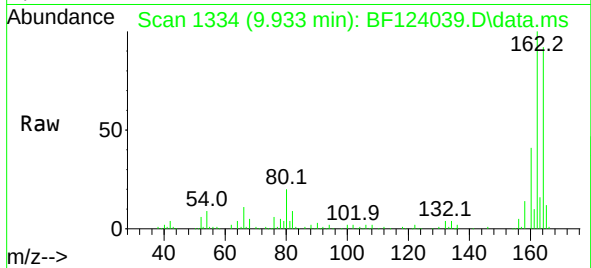
Tgt Ion:142 Resp: 310120
Ion Ratio Lower Upper
142 100
141 98.9 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

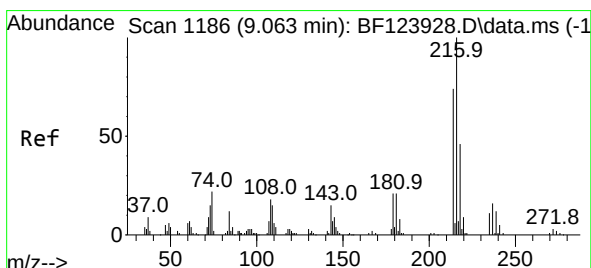
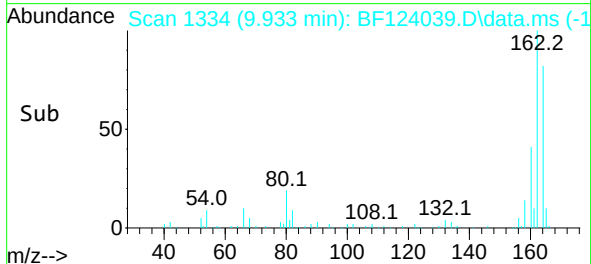
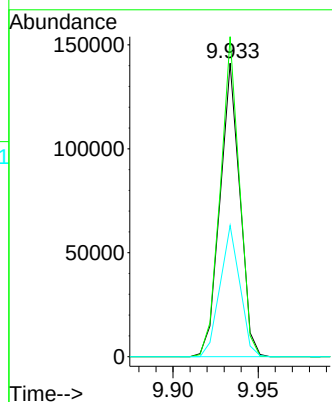
Instrument :
BNA_F
ClientSampleId :
359MS



Tgt Ion:164 Resp: 114226
Ion Ratio Lower Upper
164 100
162 109.0 80.7 121.1
160 44.7 37.3 55.9

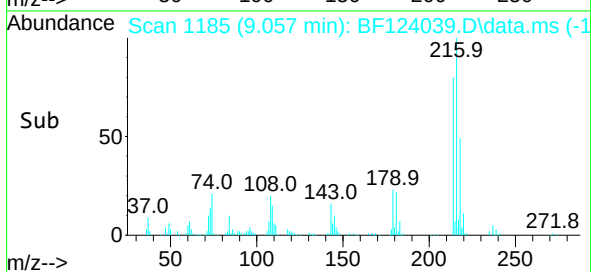
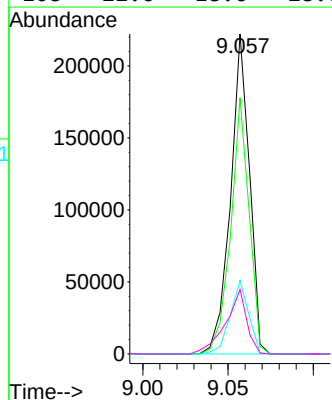
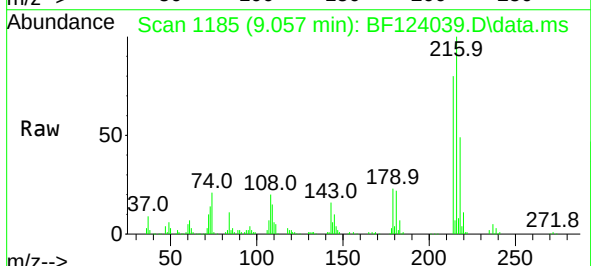
Manual Integrations
APPROVED

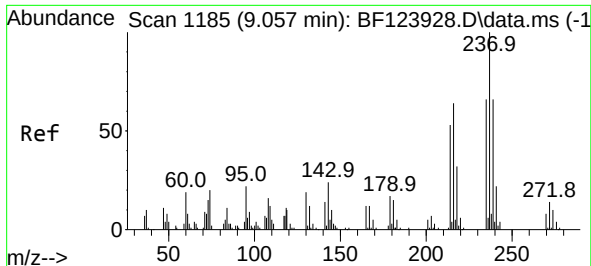
mohammad
5/25/2021 11:18:02 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.64 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:216 Resp: 171565
Ion Ratio Lower Upper
216 100
214 77.8 63.8 95.8
179 22.4 17.9 26.9
108 22.6 18.6 28.0





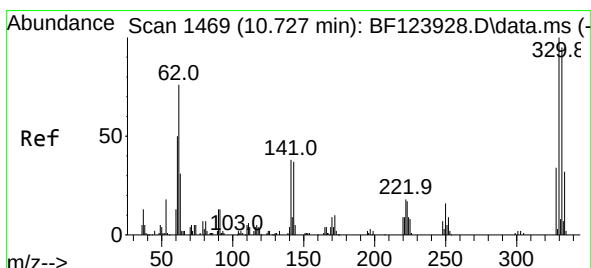
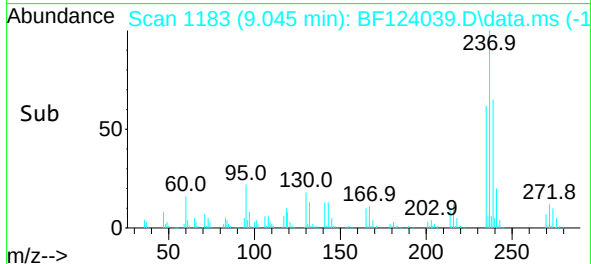
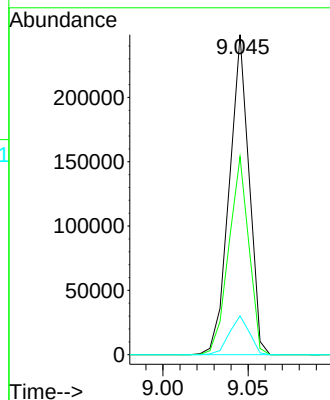
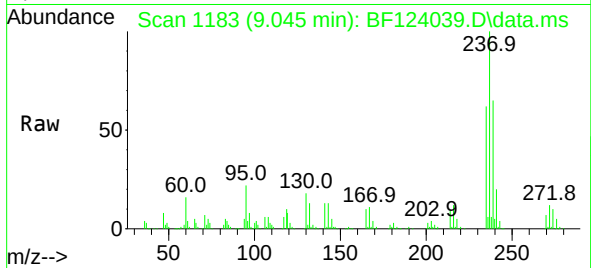
#41
Hexachlorocyclopentadiene
Concen: 76.65 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion: 237 Resp: 200856
Ion Ratio Lower Upper
237 100
235 61.9 38.8 78.8
272 12.2 0.0 32.4

Instrument :
BNA_F
ClientSampled :
359MS

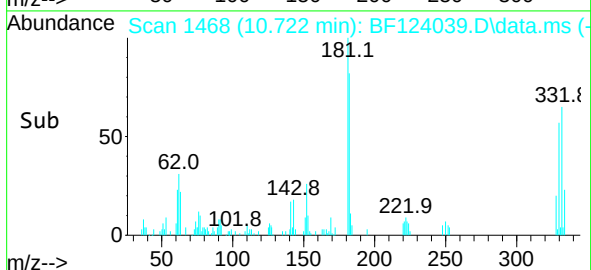
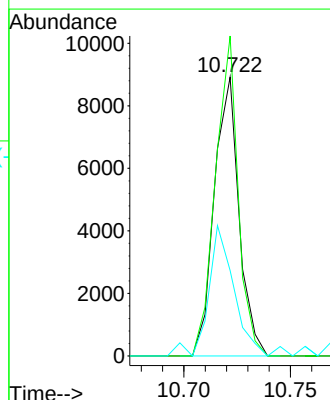
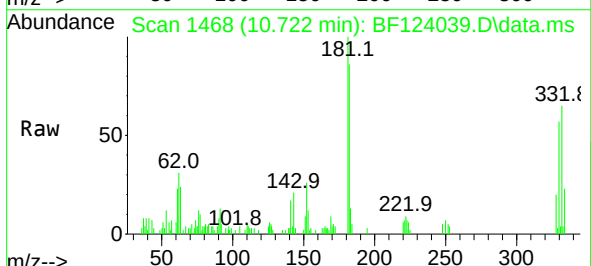
Manual Integrations
APPROVED

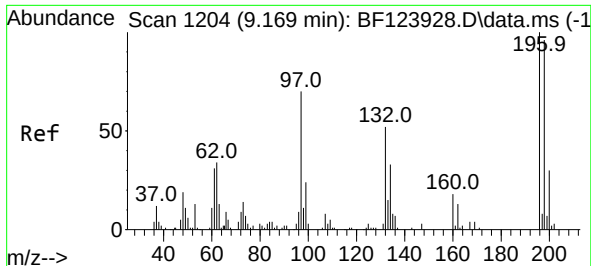
mohammad
5/25/2021 11:18:02 AM



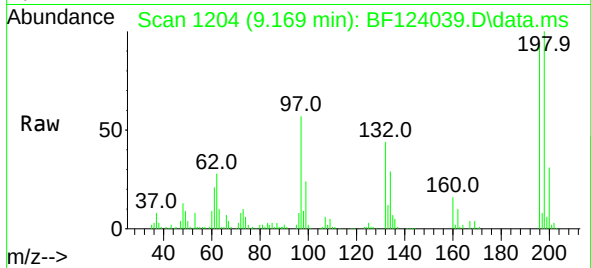
#42
2,4,6-Tribromophenol
Concen: 5.23 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion: 330 Resp: 7180
Ion Ratio Lower Upper
330 100
332 105.1 77.1 115.7
141 0.0 27.9 41.9#

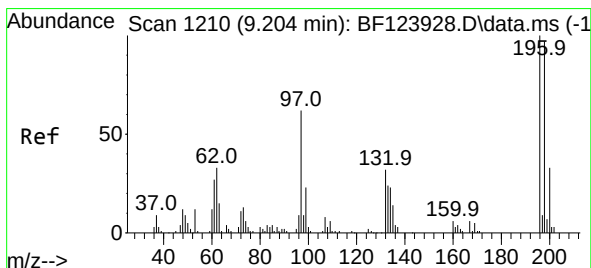
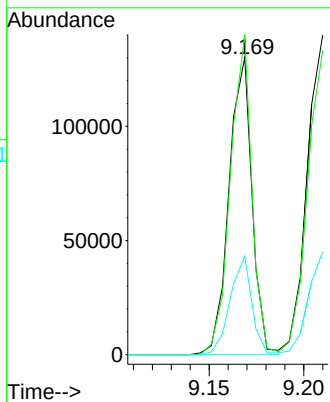
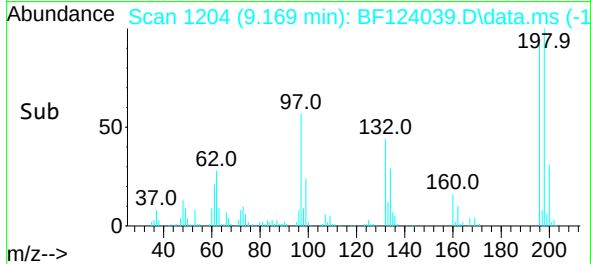




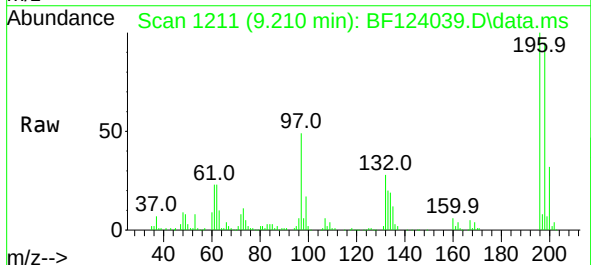
#43
2,4,6-Trichlorophenol
Concen: 41.01 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



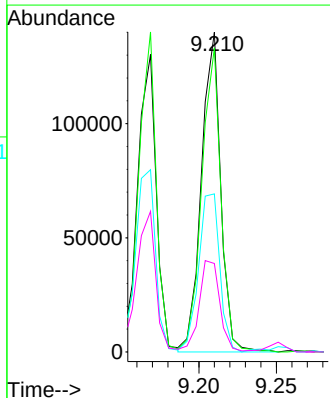
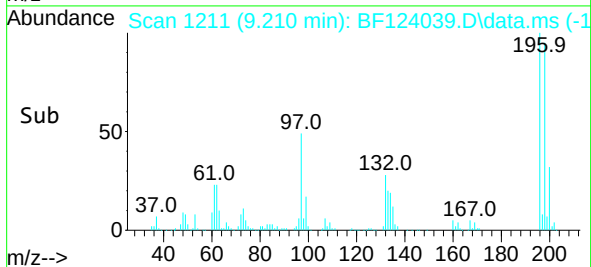
Tgt Ion:196 Resp: 109617
Ion Ratio Lower Upper
196 100
198 107.6 78.2 117.2
200 33.0 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 43.72 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



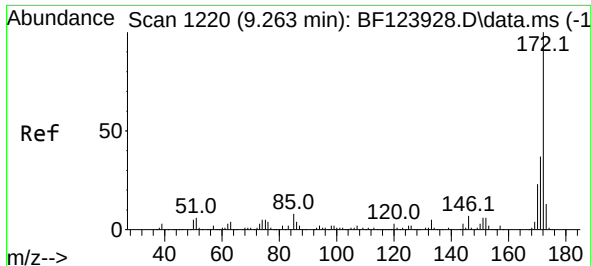
Tgt Ion:196 Resp: 121399
Ion Ratio Lower Upper
196 100
198 95.2 76.5 114.7
97 49.4 52.9 79.3#
132 27.7 25.3 37.9



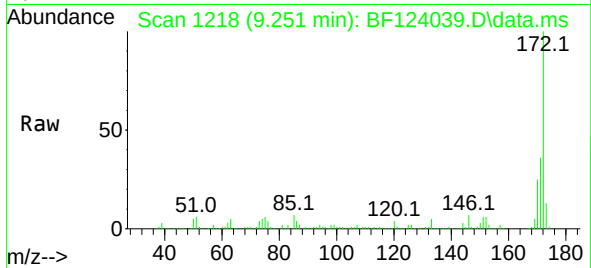
Instrument :
BNA_F
ClientSampled :
359MS

Manual Integrations
APPROVED

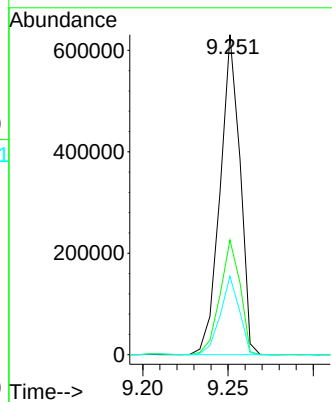
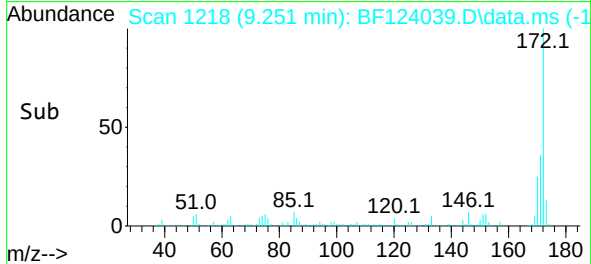
mohammad
5/25/2021 11:18:02 AM



#45
2-Fluorobiphenyl
Concen: 55.00 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



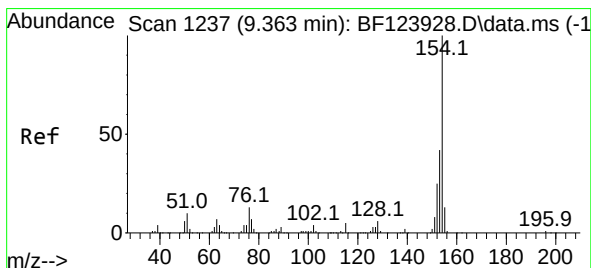
Tgt Ion:172 Resp: 510492
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 24.5 19.2 28.8



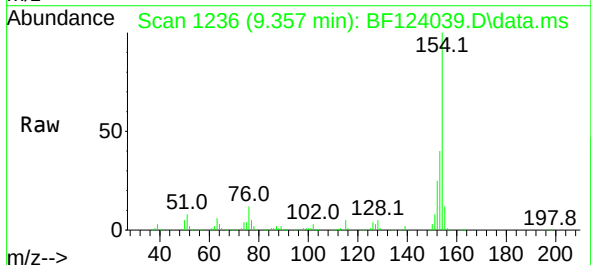
Instrument :
BNA_F
ClientSampled :
359MS

Manual Integrations
APPROVED

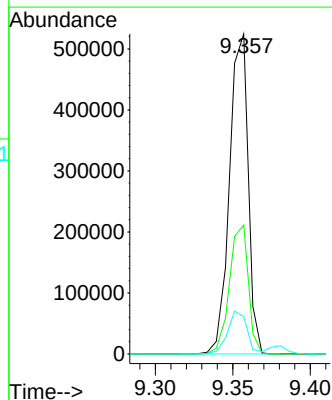
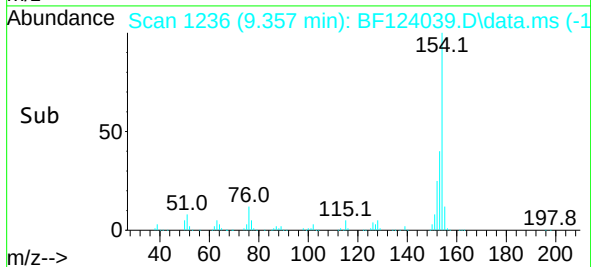
mohammad
5/25/2021 11:18:02 AM

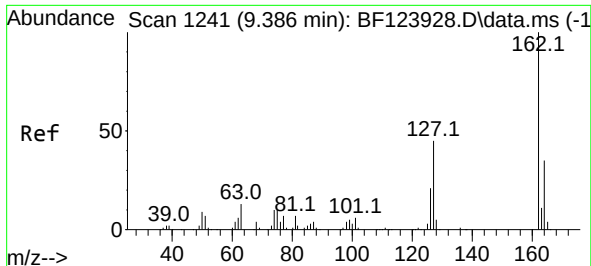


#46
1,1'-Biphenyl
Concen: 43.75 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

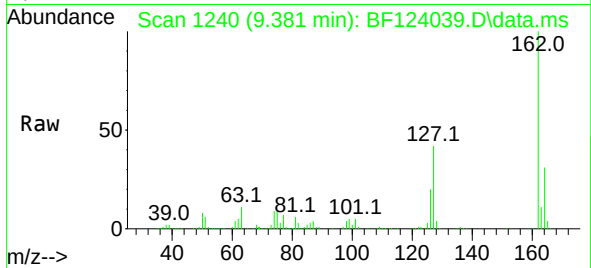


Tgt Ion:154 Resp: 440169
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 11.7 0.0 31.7

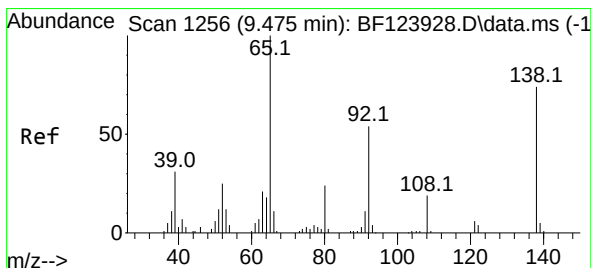
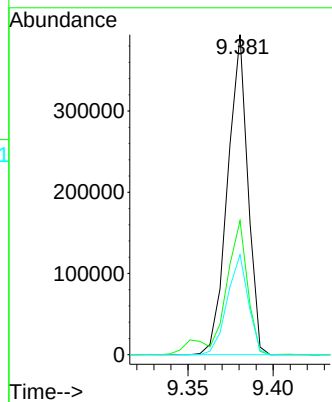
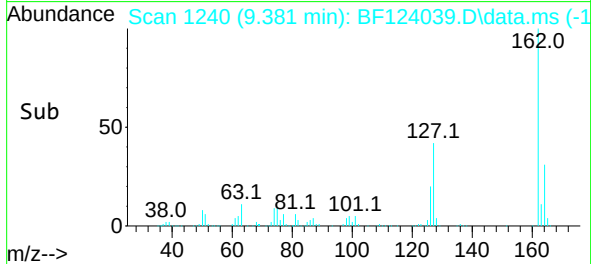




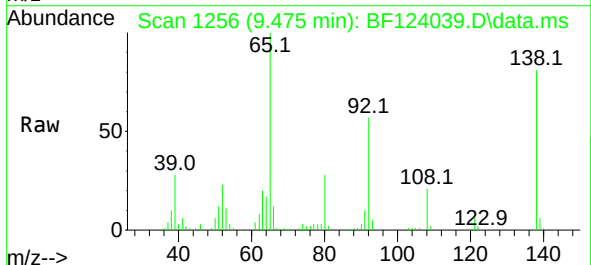
#47
2-Chloronaphthalene
Concen: 40.53 ng
RT: 9.381 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



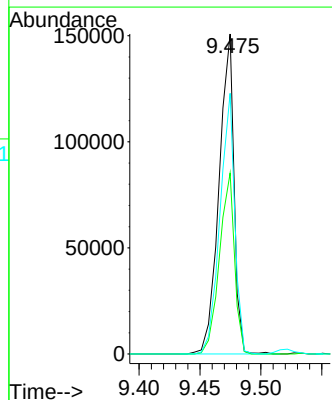
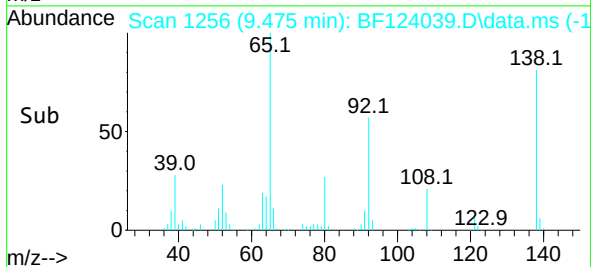
Tgt Ion:162 Resp: 323845
Ion Ratio Lower Upper
162 100
127 41.9 36.2 54.2
164 31.3 25.4 38.2



#48
2-Nitroaniline
Concen: 47.76 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



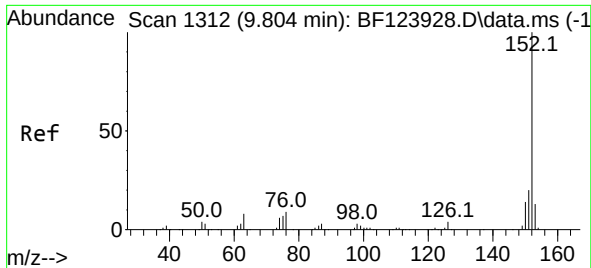
Tgt Ion: 65 Resp: 128892
Ion Ratio Lower Upper
65 100
92 56.5 47.1 70.7
138 81.4 70.2 105.2



Instrument :
BNA_F
ClientSampled :
359MS

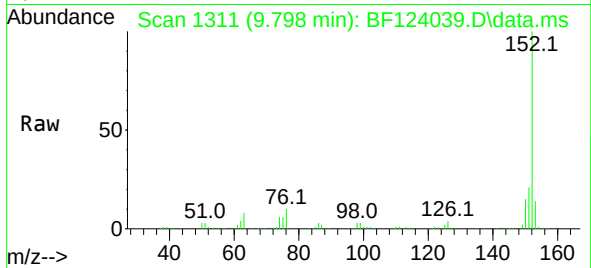
Manual Integrations
APPROVED

mohammad
5/25/2021 11:18:02 AM



#49
Acenaphthylene
Concen: 43.83 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

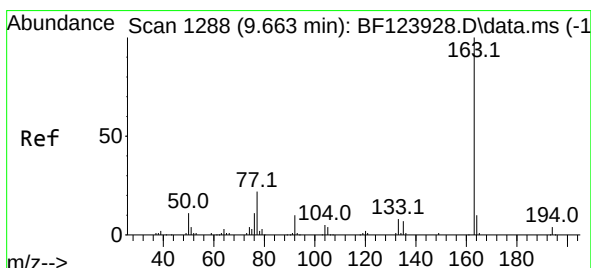
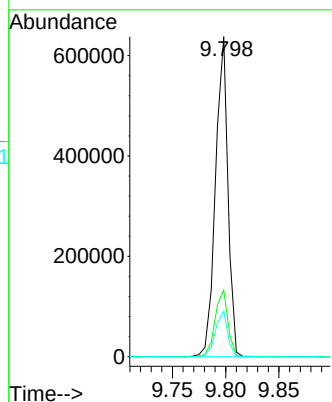
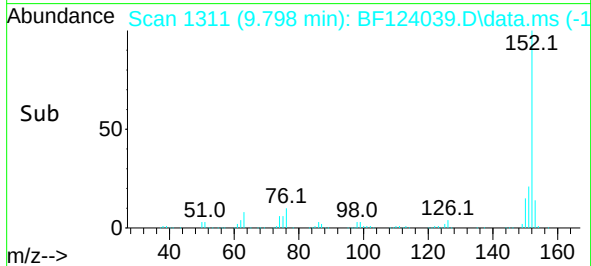
Instrument :
BNA_F
ClientSampled :
359MS



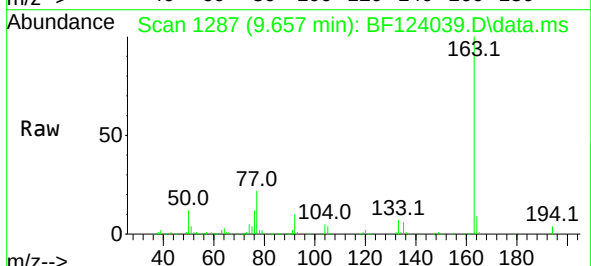
Tgt Ion:152 Resp: 517465
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 14.2 10.4 15.6

Manual Integrations
APPROVED

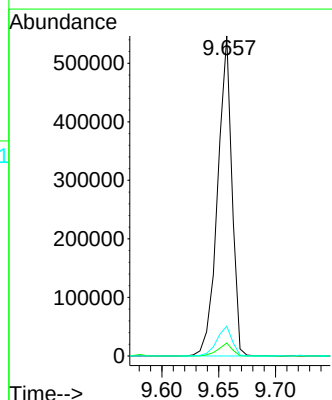
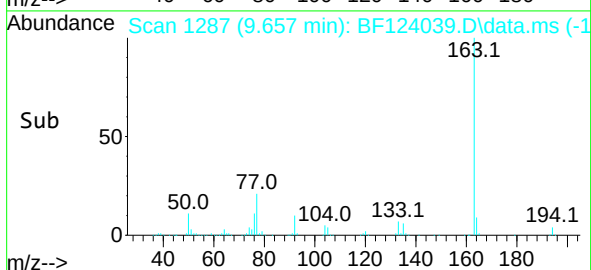
mohammad
5/25/2021 11:18:02 AM

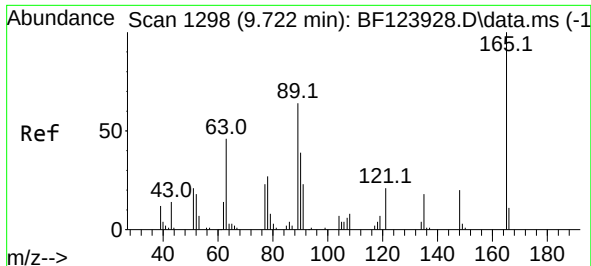


#50
Dimethylphthalate
Concen: 52.39 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



Tgt Ion:163 Resp: 477847
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.3 8.2 12.2





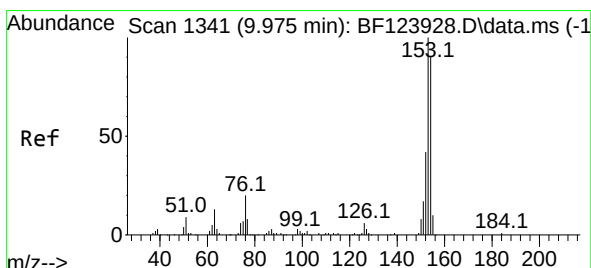
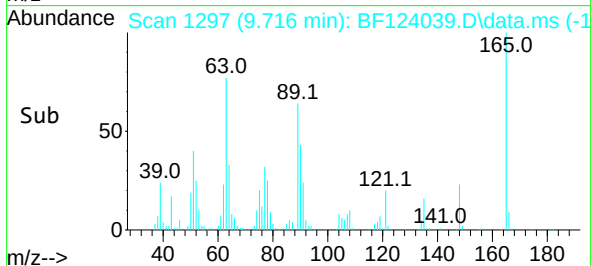
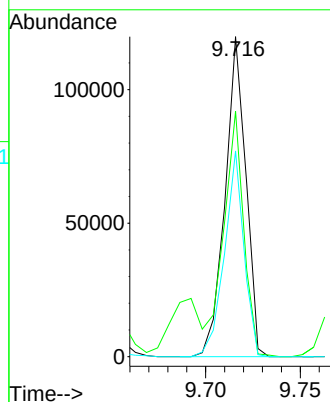
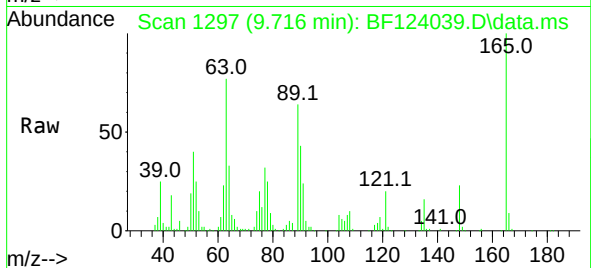
#51
2,6-Dinitrotoluene
Concen: 49.52 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:165 Resp: 91336
Ion Ratio Lower Upper
165 100
63 76.7 67.7 101.5
89 64.3 58.8 88.2

Instrument :
BNA_F
ClientSampled :
359MS

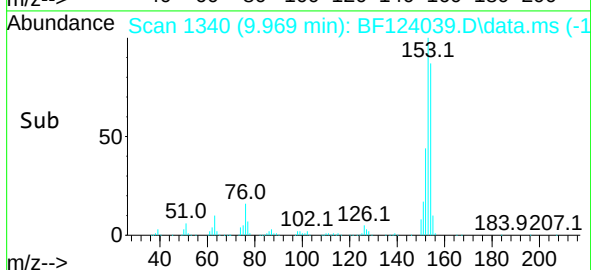
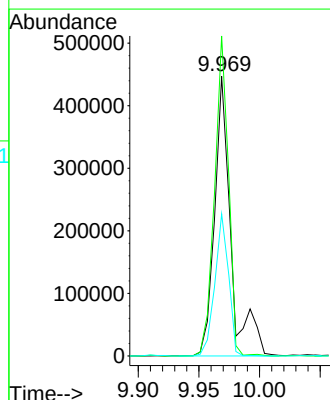
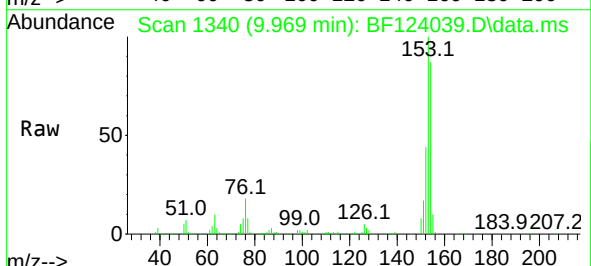
Manual Integrations
APPROVED

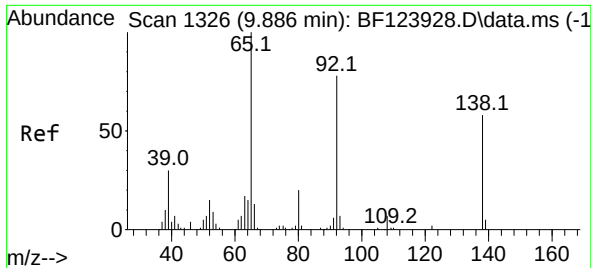
mohammad
5/25/2021 11:18:02 AM



#52
Acenaphthene
Concen: 51.68 ng m
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:154 Resp: 417658
Ion Ratio Lower Upper
154 100
153 114.4 88.1 132.1
152 50.8 43.4 65.0





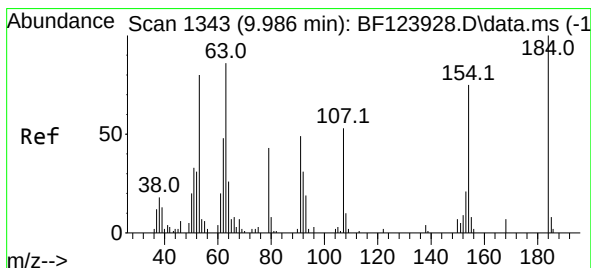
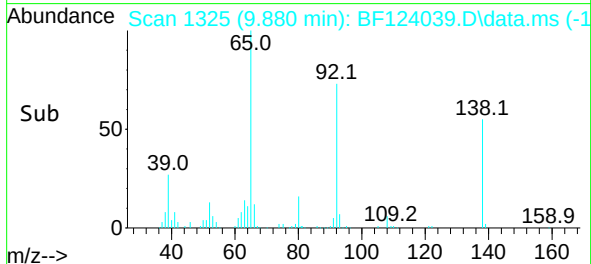
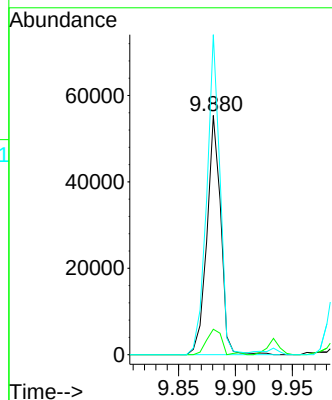
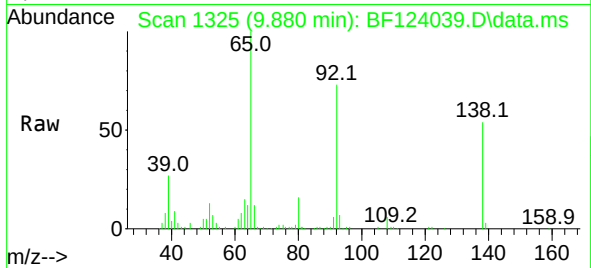
#53
3-Nitroaniline
Concen: 25.43 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:138 Resp: 46616
Ion Ratio Lower Upper
138 100
108 10.6 10.2 15.4
92 133.7 103.3 154.9

Instrument :
BNA_F
ClientSampled :
359MS

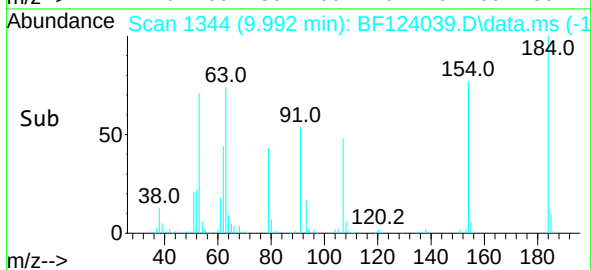
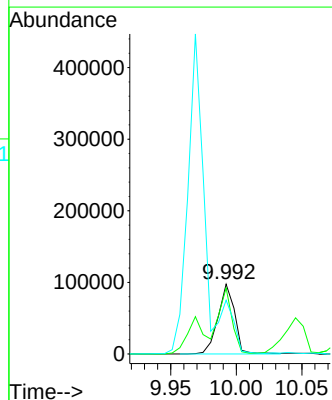
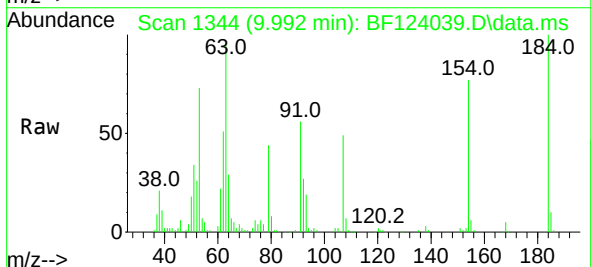
Manual Integrations
APPROVED

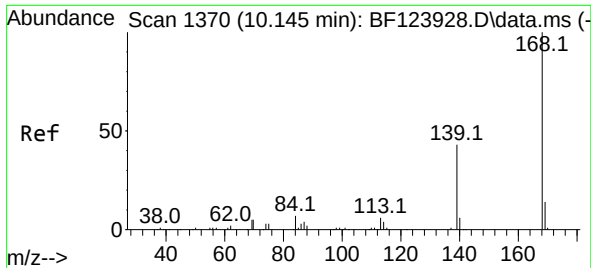
mohammad
5/25/2021 11:18:02 AM



#54
2,4-Dinitrophenol
Concen: 86.38 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

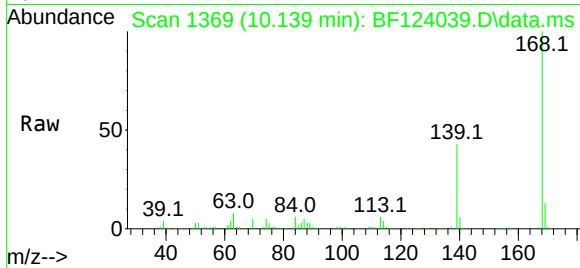
Tgt Ion:184 Resp: 86283
Ion Ratio Lower Upper
184 100
63 94.7 73.5 110.3
154 77.2 52.5 78.7





#55
Dibenzofuran
Concen: 45.16 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

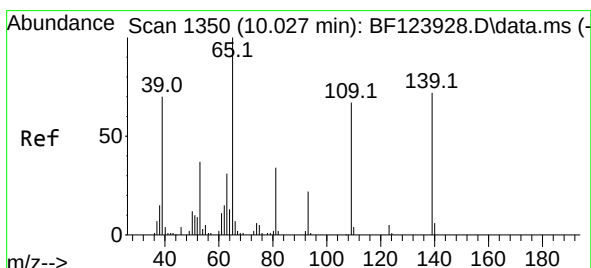
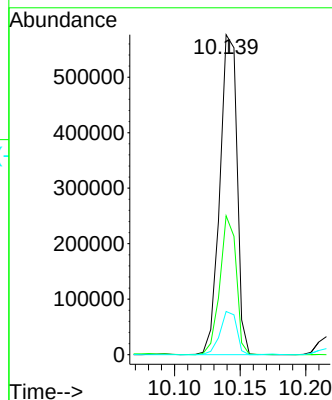
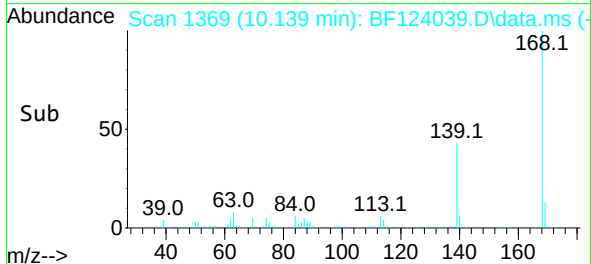
Instrument :
BNA_F
ClientSampled :
359MS



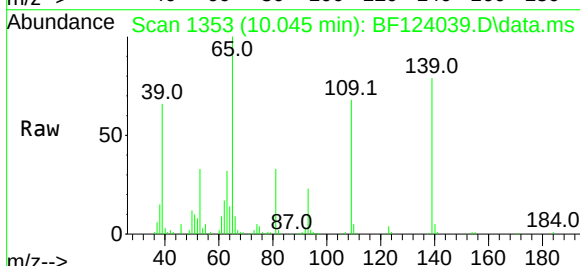
Tgt Ion:168 Resp: 524219
Ion Ratio Lower Upper
168 100
139 43.4 33.2 49.8
169 13.5 10.8 16.2

Manual Integrations
APPROVED

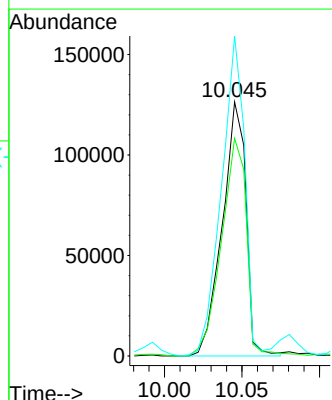
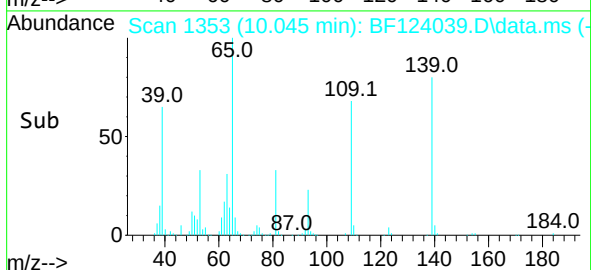
mohammad
5/25/2021 11:18:02 AM

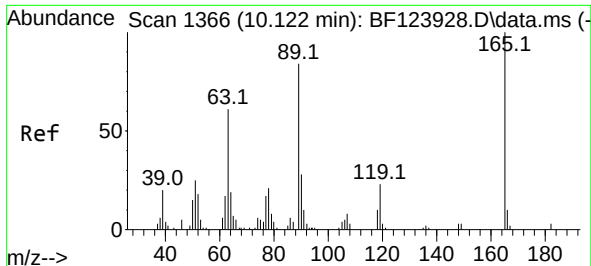


#56
4-Nitrophenol
Concen: 88.46 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

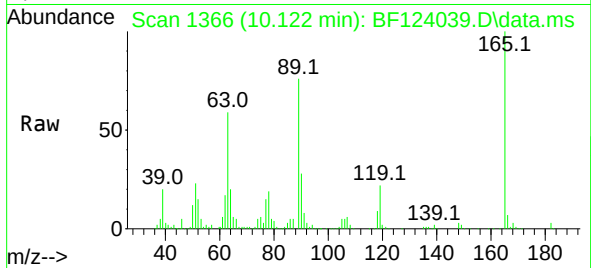


Tgt Ion:139 Resp: 134137
Ion Ratio Lower Upper
139 100
109 85.7 63.2 103.2
65 126.0 110.0 150.0

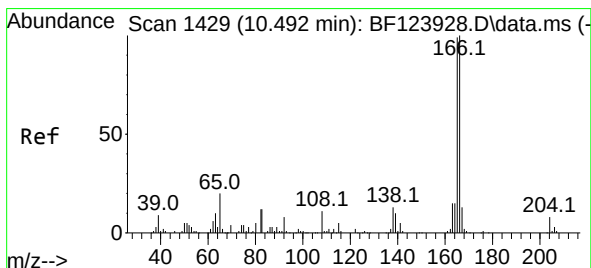
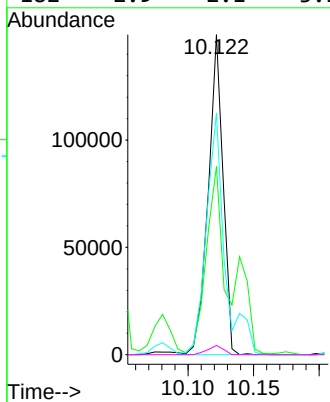
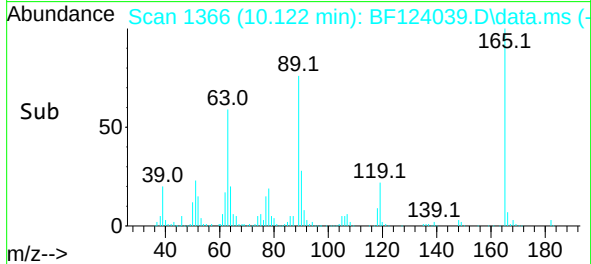




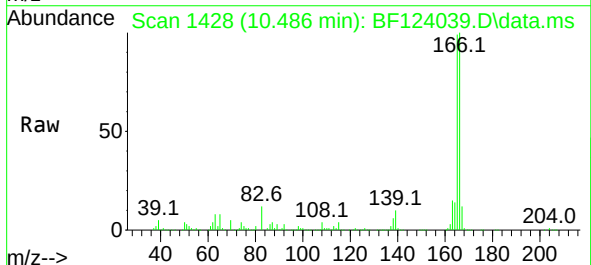
#57
2,4-Dinitrotoluene
Concen: 52.08 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



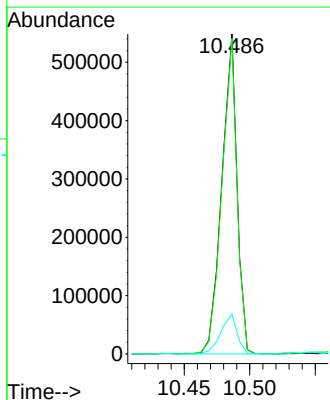
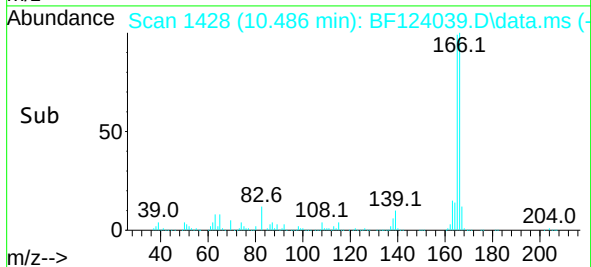
Tgt Ion:165 Resp: 117822
Ion Ratio Lower Upper
165 100
63 58.8 43.5 65.3
89 75.6 67.7 101.5
182 2.9 2.1 3.1



#58
Fluorene
Concen: 50.51 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



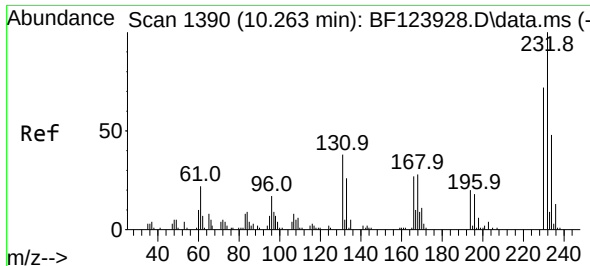
Tgt Ion:166 Resp: 441818
Ion Ratio Lower Upper
166 100
165 98.6 73.5 110.3
167 12.5 10.7 16.1



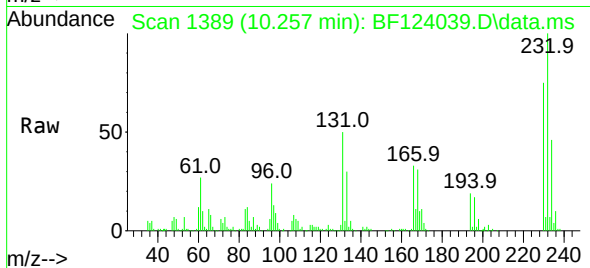
Instrument :
BNA_F
ClientSampled :
359MS

Manual Integrations
APPROVED

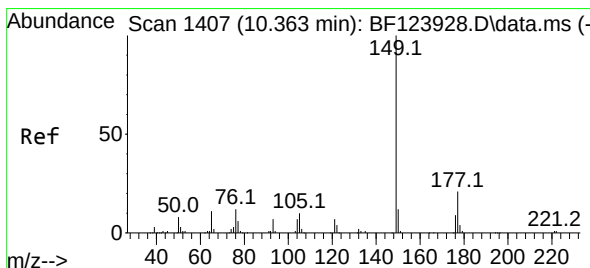
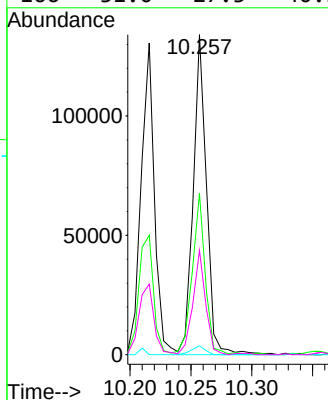
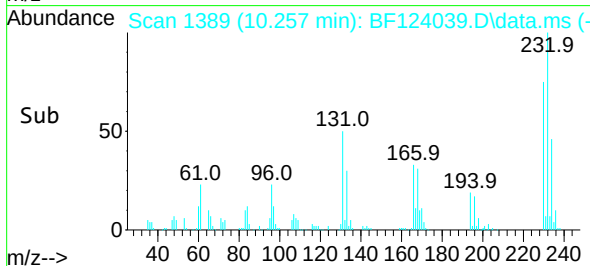
mohammad
5/25/2021 11:18:02 AM



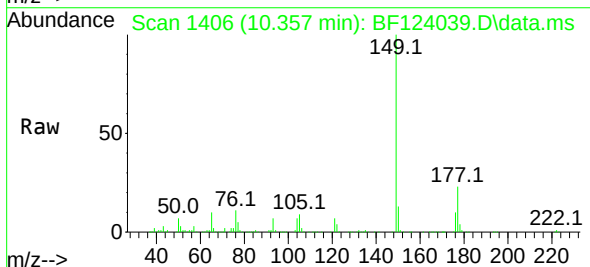
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.60 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



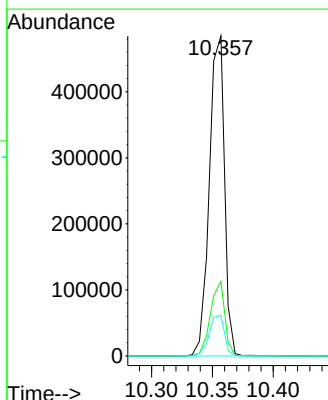
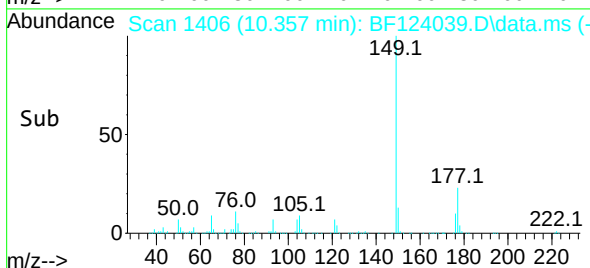
Tgt Ion:232 Resp: 101854
Ion Ratio Lower Upper
232 100
131 49.9 43.2 64.8
130 2.8 2.2 3.2
166 31.0 27.3 40.9



#60
Diethylphthalate
Concen: 46.35 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



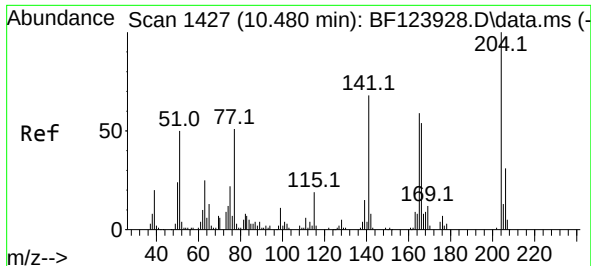
Tgt Ion:149 Resp: 418720
Ion Ratio Lower Upper
149 100
177 23.3 15.4 23.2#
150 12.7 9.9 14.9



Instrument :
BNA_F
ClientSampled :
359MS

Manual Integrations
APPROVED

mohammad
5/25/2021 11:18:02 AM



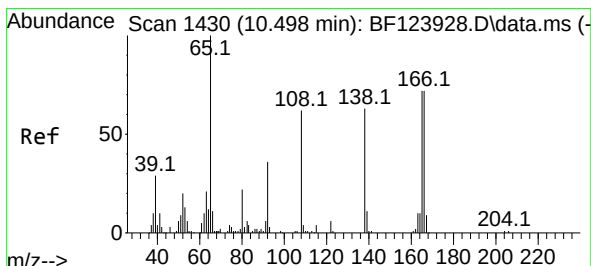
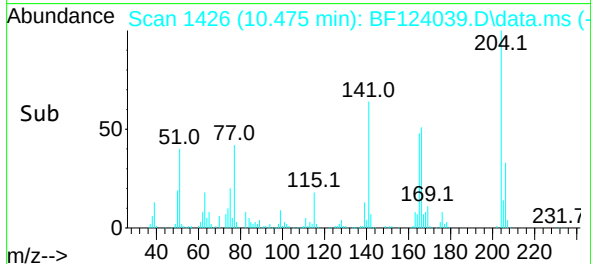
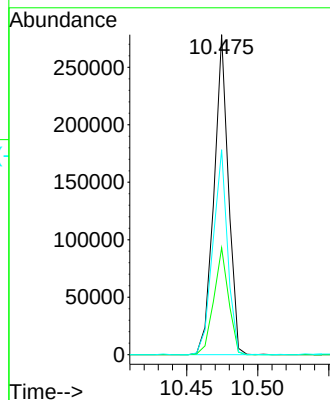
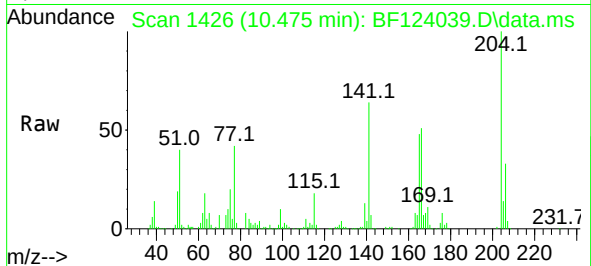
#61
4-Chlorophenyl-phenylether
Concen: 44.93 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:204 Resp: 196950
Ion Ratio Lower Upper
204 100
206 33.4 25.7 38.5
141 64.0 55.5 83.3

Instrument :
BNA_F
ClientSampleId :
359MS

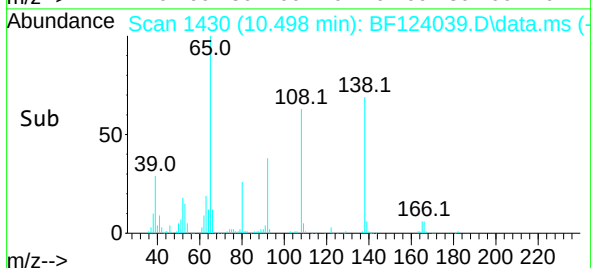
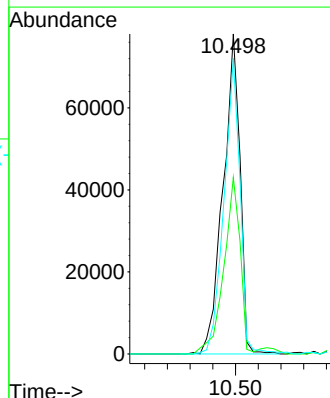
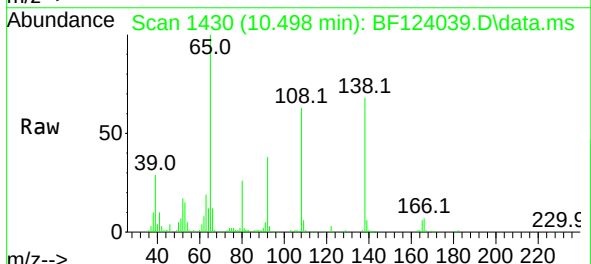
Manual Integrations
APPROVED

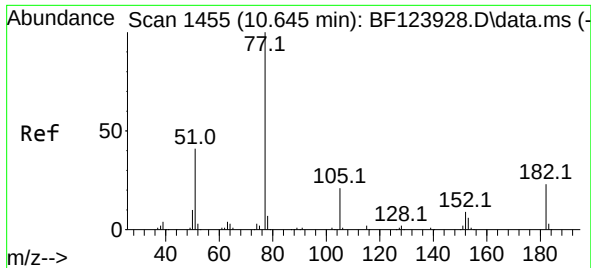
mohammad
5/25/2021 11:18:02 AM



#62
4-Nitroaniline
Concen: 44.29 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:138 Resp: 80757
Ion Ratio Lower Upper
138 100
92 55.2 35.8 75.8
108 92.3 63.6 103.6





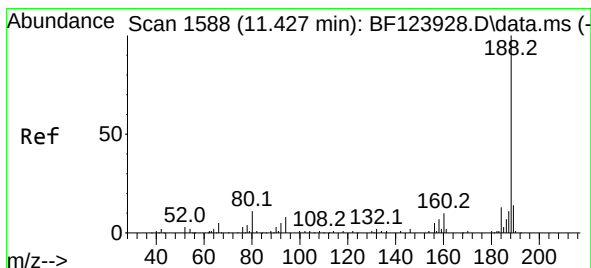
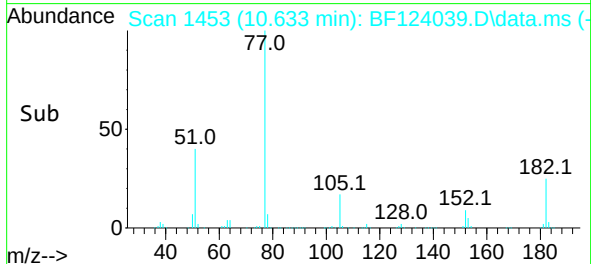
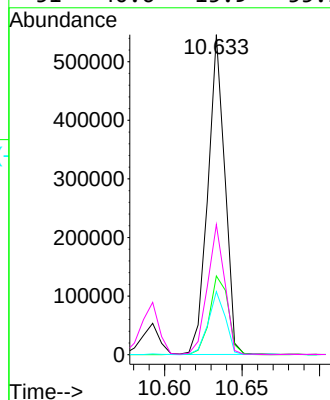
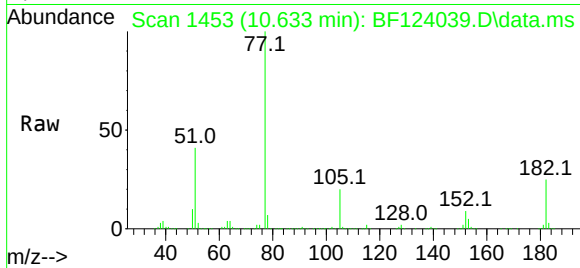
#63
Azobenzene
Concen: 41.30 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	1.7	41.7
105	19.7	1.7	41.7
51	40.6	15.9	55.9

Instrument :
BNA_F
ClientSampleId :
359MS

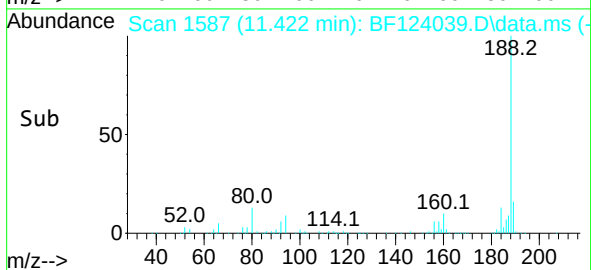
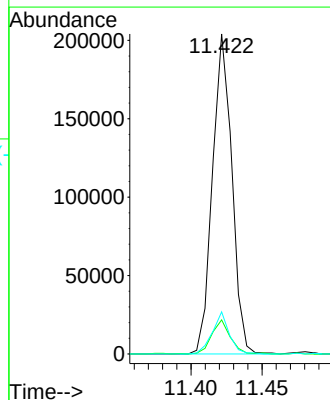
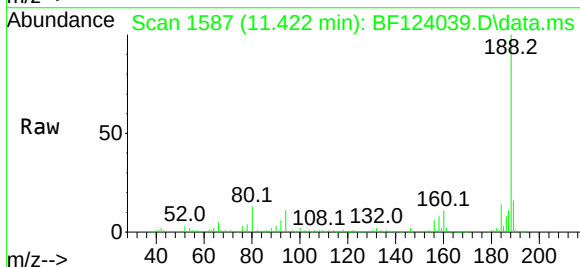
Manual Integrations
APPROVED

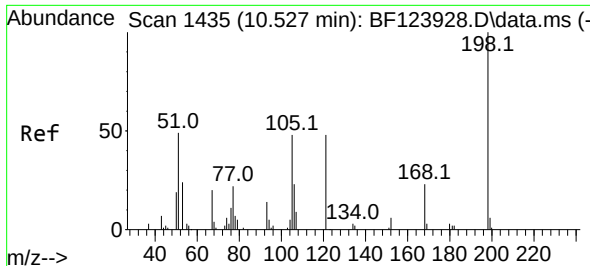
mohammad
5/25/2021 11:18:02 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.9	10.3#
80	13.1	8.2	12.2#





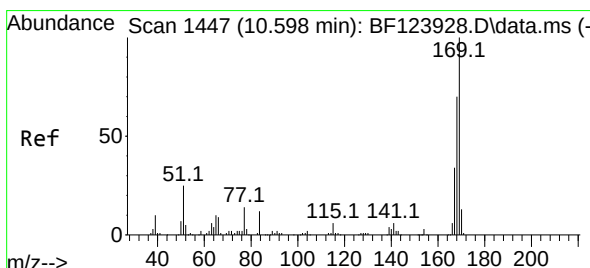
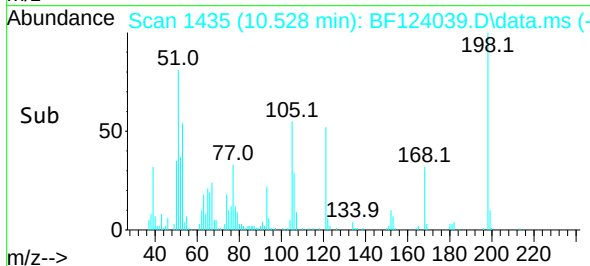
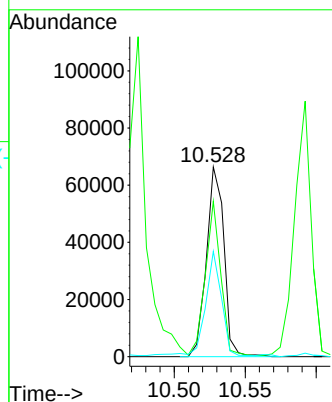
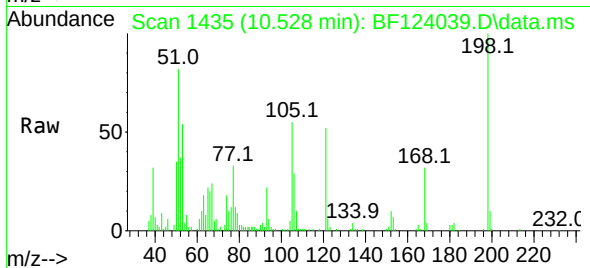
#65
4,6-Dinitro-2-methylphenol
Concen: 46.03 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.001 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:198 Resp: 57029
Ion Ratio Lower Upper
198 100
51 81.8 64.8 104.8
105 55.5 42.6 82.6

Instrument :
BNA_F
ClientSampleId :
359MS

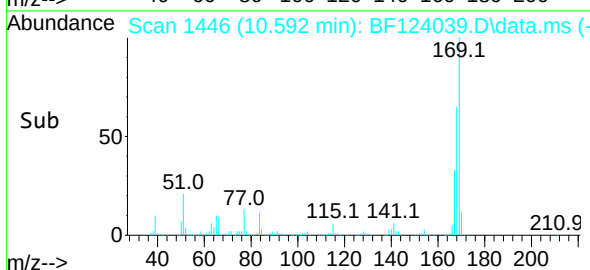
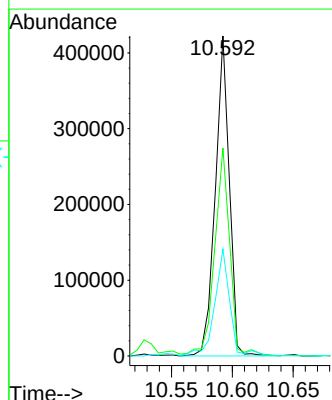
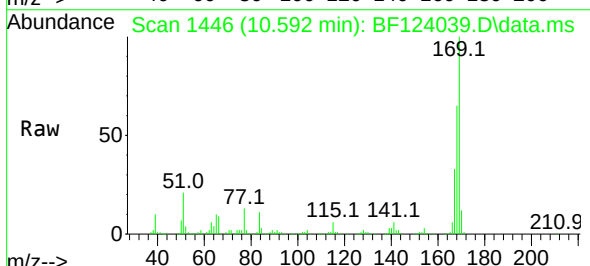
Manual Integrations
APPROVED

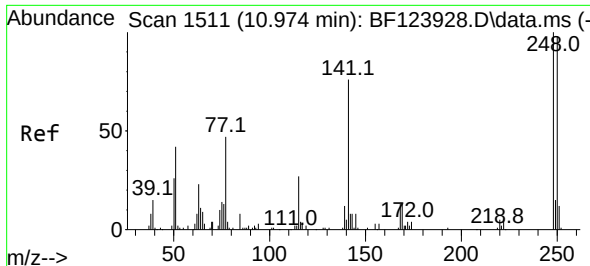
mohammad
5/25/2021 11:18:02 AM



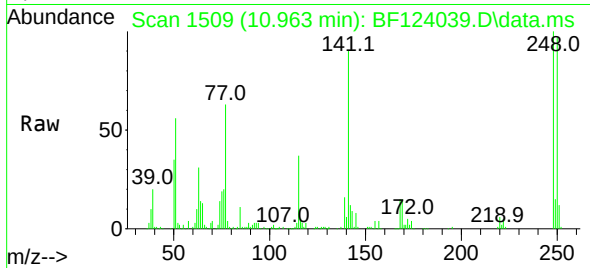
#66
n-Nitrosodiphenylamine
Concen: 45.90 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:169 Resp: 339175
Ion Ratio Lower Upper
169 100
168 65.0 53.3 79.9
167 33.5 29.9 44.9

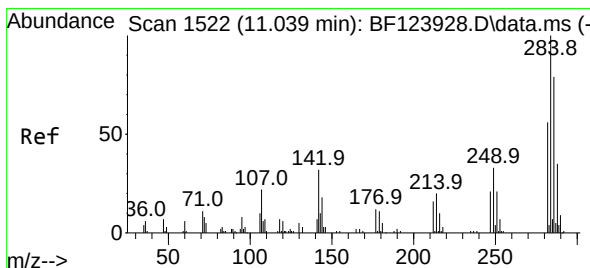
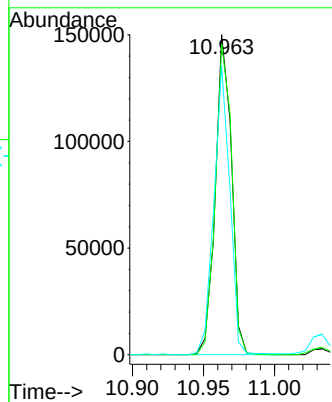
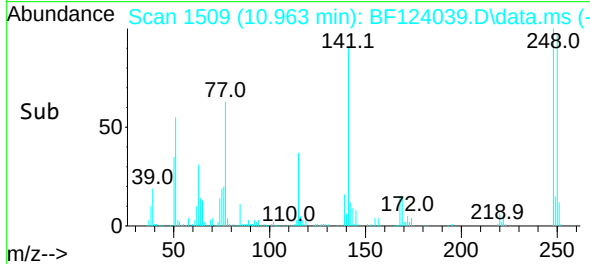




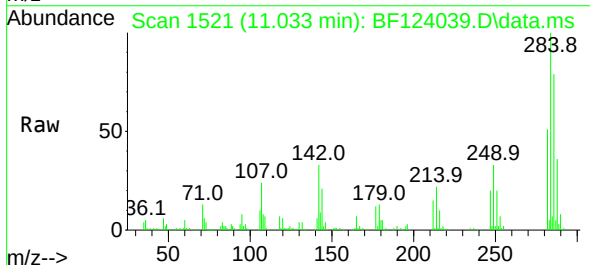
#67
4-Bromophenyl-phenylether
Concen: 46.72 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



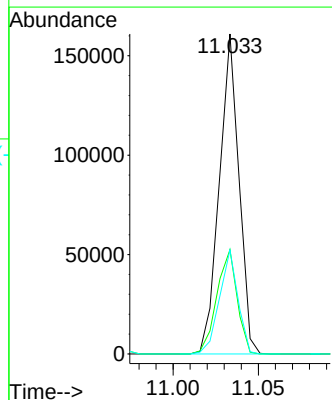
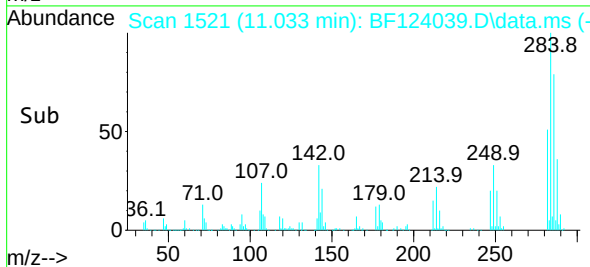
Tgt Ion:248 Resp: 118754
Ion Ratio Lower Upper
248 100
250 97.1 77.4 116.2
141 90.4 63.7 95.5



#68
Hexachlorobenzene
Concen: 45.46 ng
RT: 11.033 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



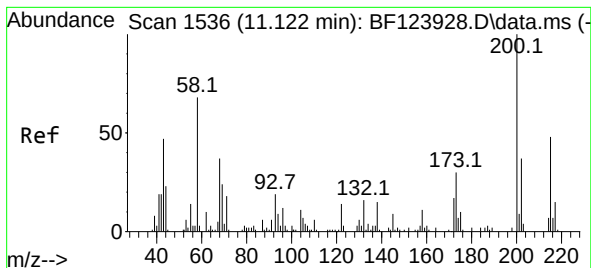
Tgt Ion:284 Resp: 128975
Ion Ratio Lower Upper
284 100
142 32.6 28.3 42.5
249 32.5 23.5 35.3



Instrument :
BNA_F
ClientSampleId :
359MS

Manual Integrations
APPROVED

mohammad
5/25/2021 11:18:02 AM



#69

Atrazine

Concen: 53.99 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF124039.D

Acq: 24 May 2021 16:07

Tgt Ion:200 Resp: 112683

Ion Ratio Lower Upper

200 100

173 25.1 6.9 46.9

215 44.8 26.5 66.5

Instrument :

BNA_F

ClientSampled :

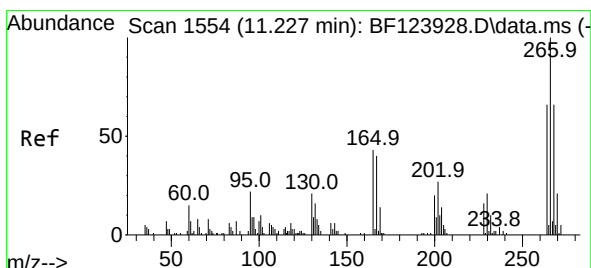
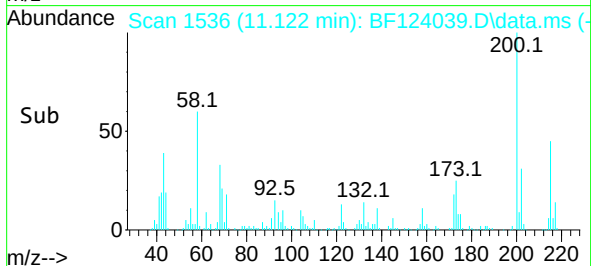
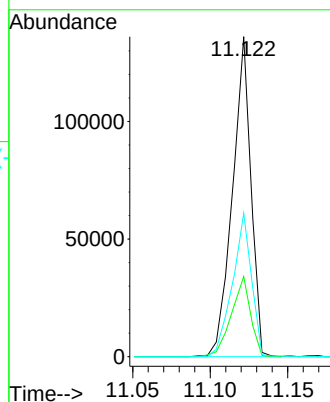
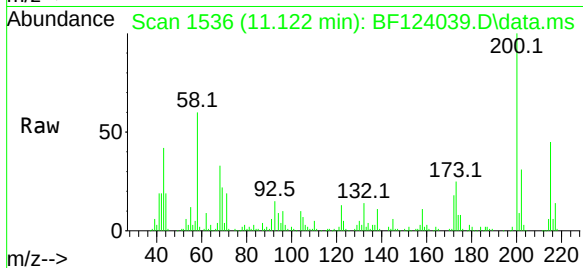
359MS

Manual Integrations

APPROVED

mohammad

5/25/2021 11:18:02 AM



#70

Pentachlorophenol

Concen: 78.60 ng

RT: 11.227 min Scan# 1554

Delta R.T. 0.000 min

Lab File: BF124039.D

Acq: 24 May 2021 16:07

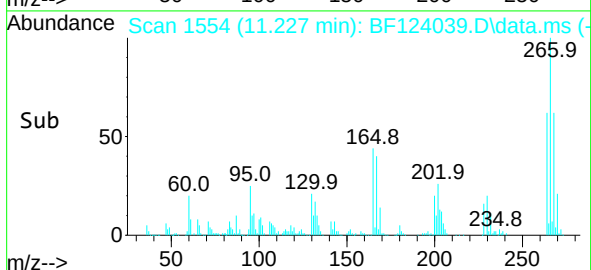
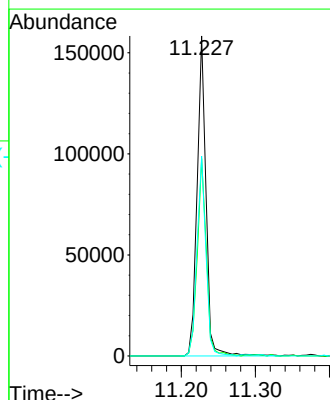
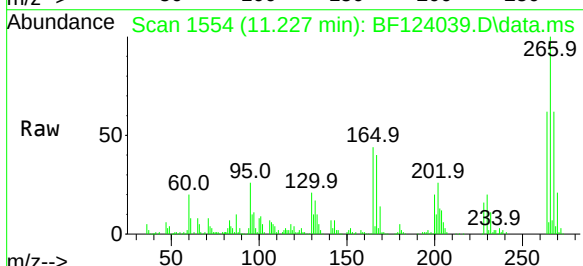
Tgt Ion:266 Resp: 132210

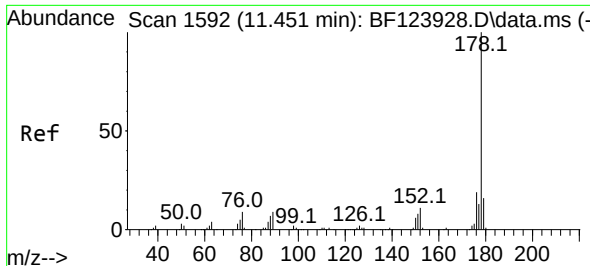
Ion Ratio Lower Upper

266 100

268 61.7 51.6 77.4

264 62.5 52.6 78.8





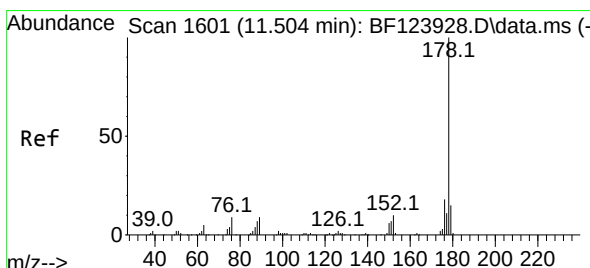
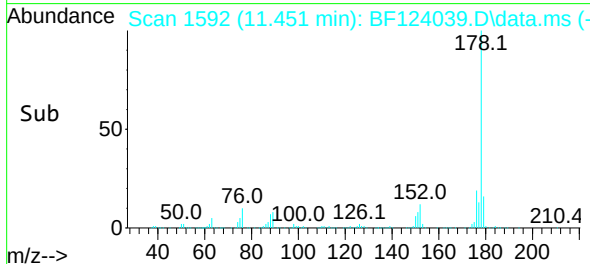
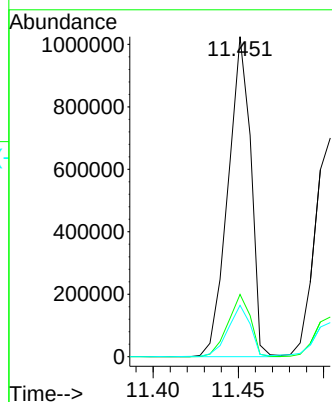
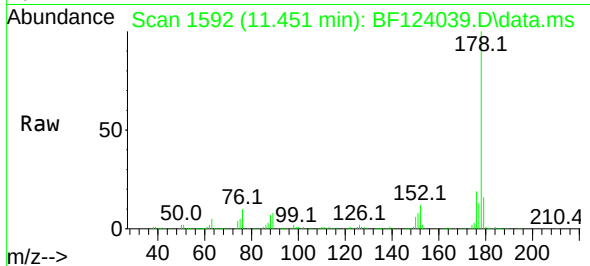
#71
Phenanthrene
Concen: 77.81 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:178 Resp: 953703
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.1 12.5 18.7

Instrument :
BNA_F
ClientSampled :
359MS

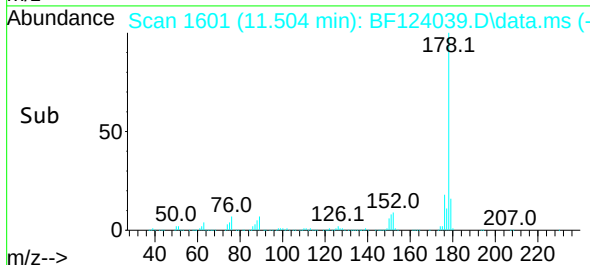
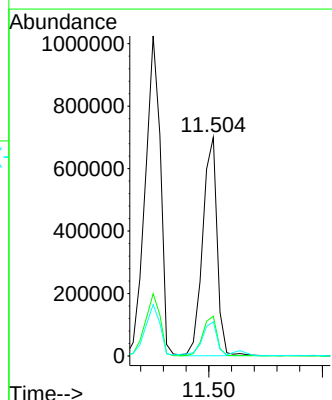
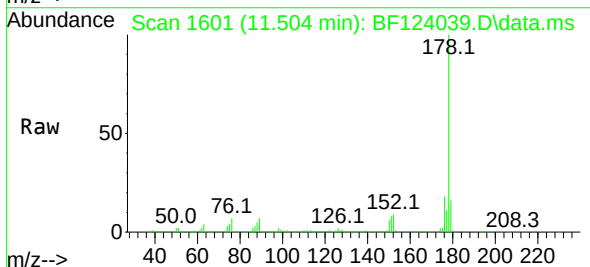
Manual Integrations
APPROVED

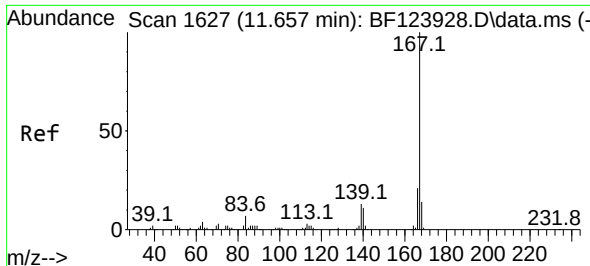
mohammad
5/25/2021 11:18:02 AM



#72
Anthracene
Concen: 49.83 ng
RT: 11.504 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

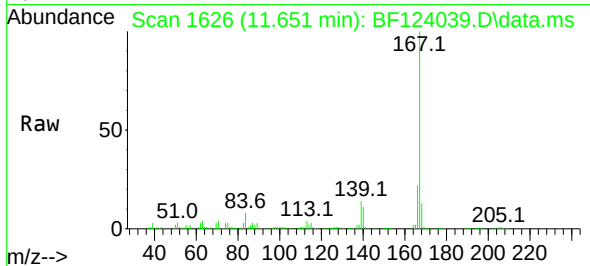
Tgt Ion:178 Resp: 618963
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 15.6 12.6 18.8





#73
Carbazole
Concen: 39.00 ng
RT: 11.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

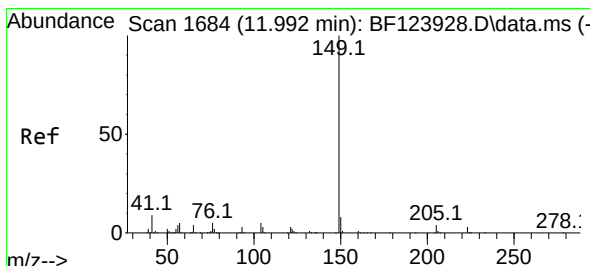
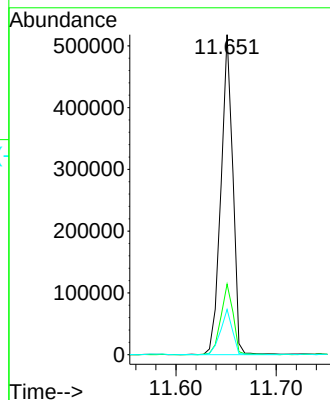
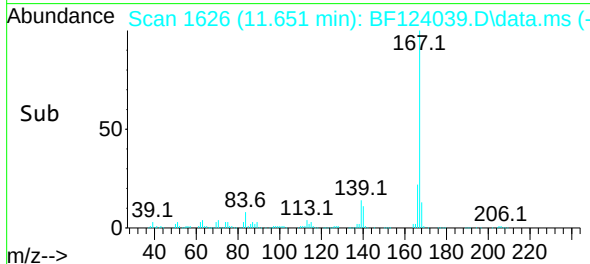
Instrument :
BNA_F
ClientSampled :
359MS



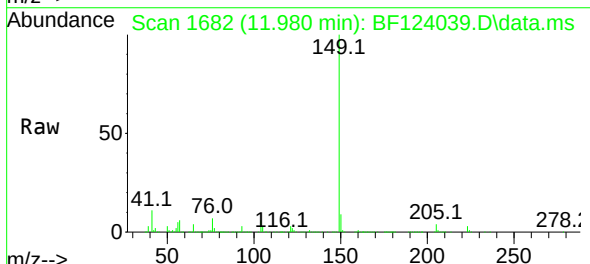
Tgt Ion:167 Resp: 423776
Ion Ratio Lower Upper
167 100
166 22.1 17.0 25.6
139 14.1 10.4 15.6

Manual Integrations
APPROVED

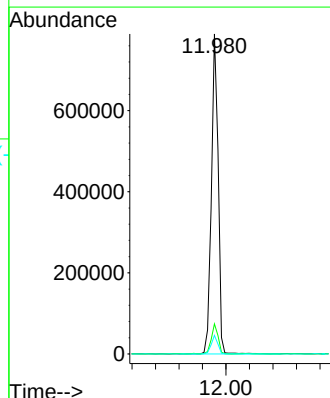
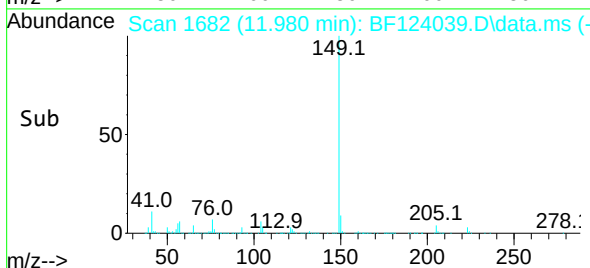
mohammad
5/25/2021 11:18:02 AM

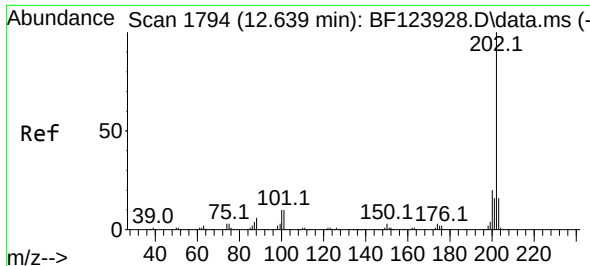


#74
Di-n-butylphthalate
Concen: 46.17 ng
RT: 11.980 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



Tgt Ion:149 Resp: 627817
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.8
104 5.8 4.6 6.8





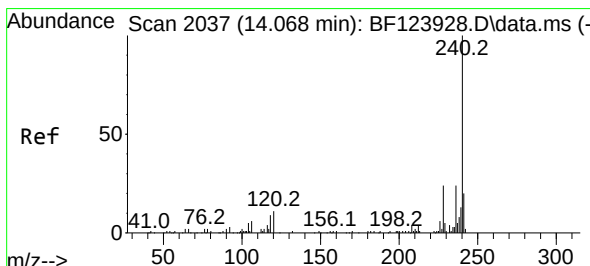
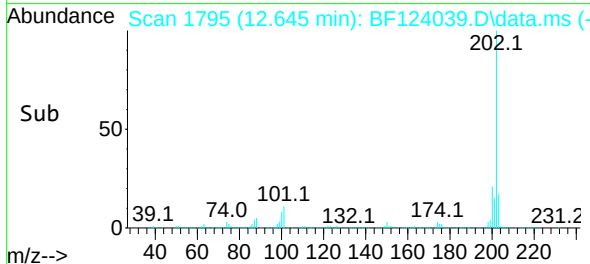
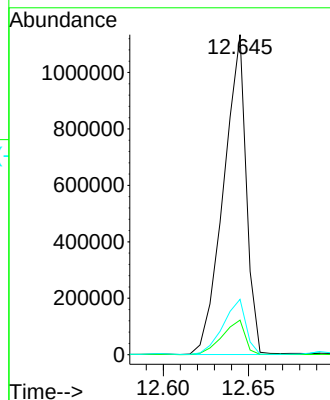
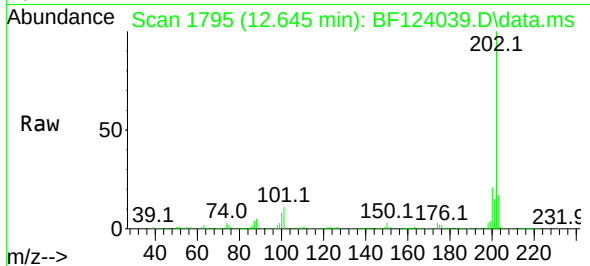
#75
Fluoranthene
Concen: 82.55 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:202 Resp: 1047625
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.9
203 17.3 0.0 37.5

Instrument :
BNA_F
ClientSampleId :
359MS

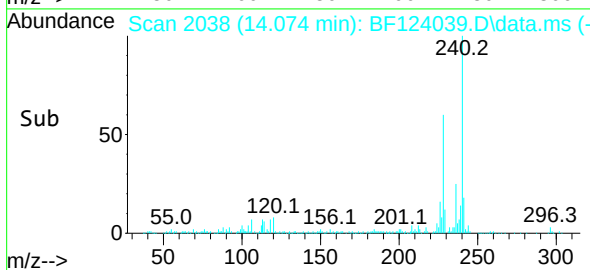
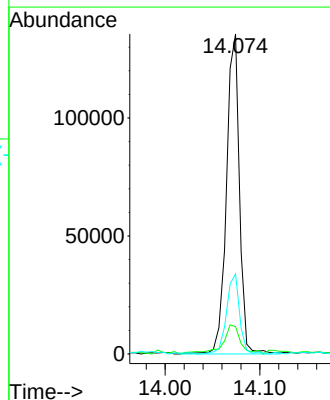
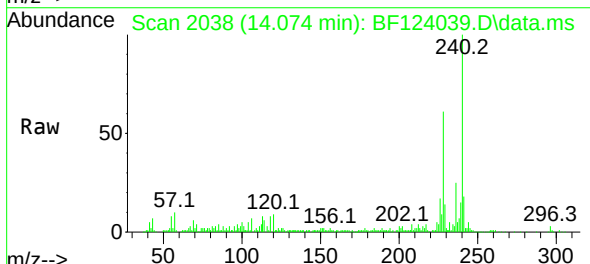
Manual Integrations
APPROVED

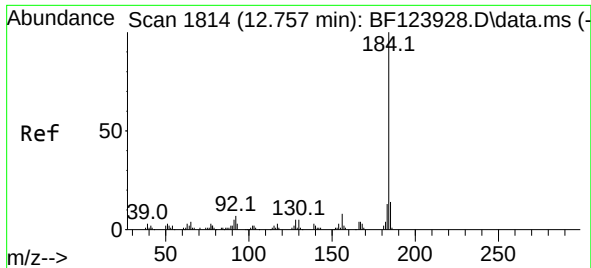
mohammad
5/25/2021 11:18:02 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:240 Resp: 130198
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 25.1 19.0 28.4





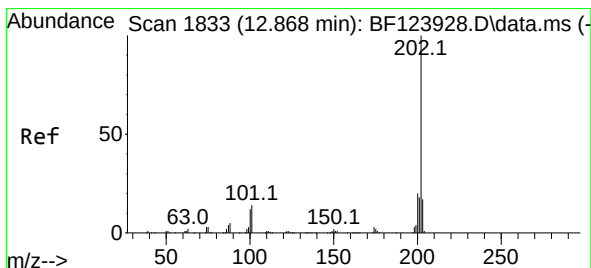
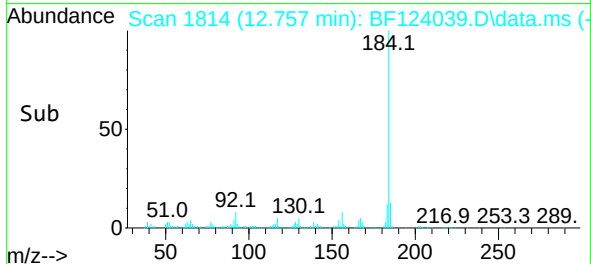
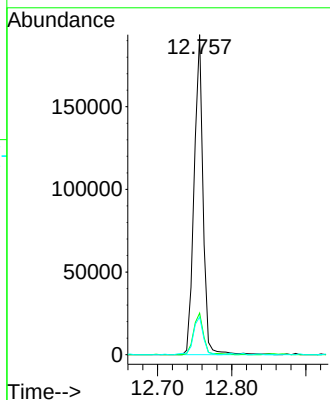
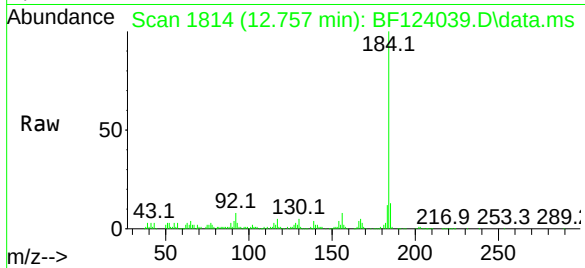
#77
Benzidine
Concen: 51.26 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:184 Resp: 161039
Ion Ratio Lower Upper
184 100
185 13.0 12.1 18.1
183 11.8 7.8 11.8#

Instrument :
BNA_F
ClientSampled :
359MS

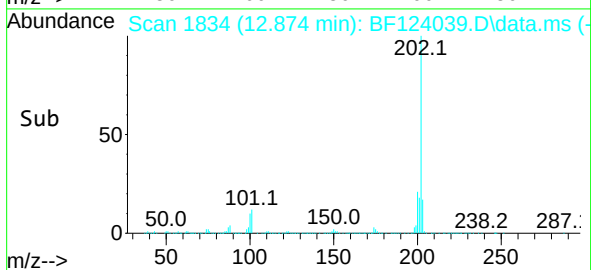
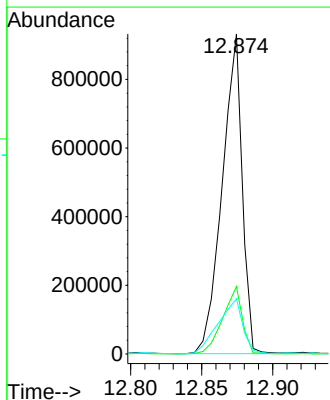
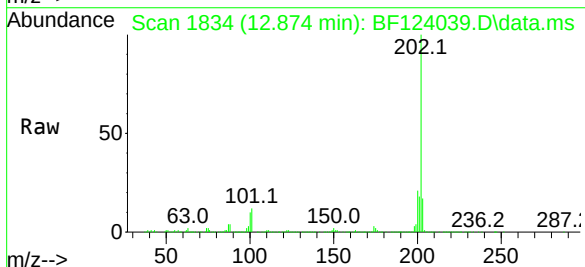
Manual Integrations
APPROVED

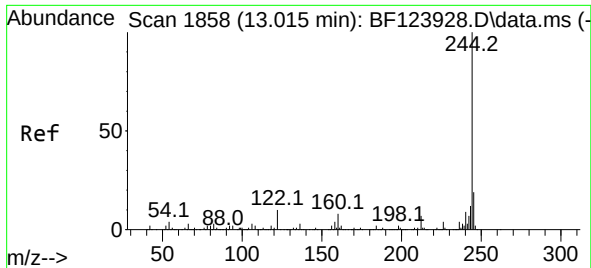
mohammad
5/25/2021 11:18:02 AM



#78
Pyrene
Concen: 78.95 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:202 Resp: 912585
Ion Ratio Lower Upper
202 100
200 21.1 16.1 24.1
203 17.2 14.8 22.2





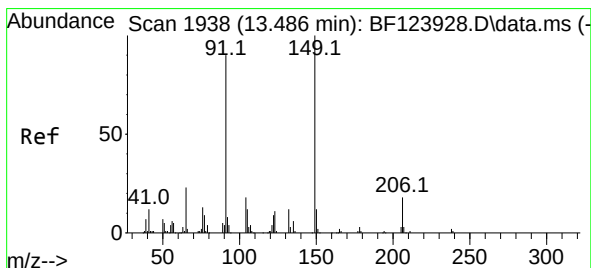
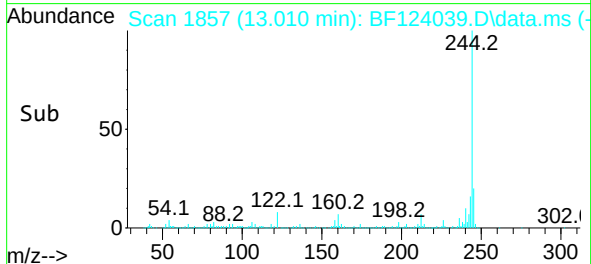
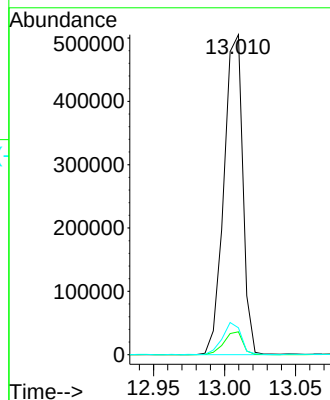
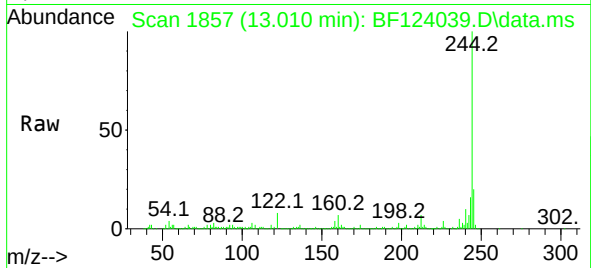
#79
Terphenyl-d14
Concen: 54.23 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:244 Resp: 466198
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 8.4 9.7 14.5#

Instrument :
BNA_F
ClientSampled :
359MS

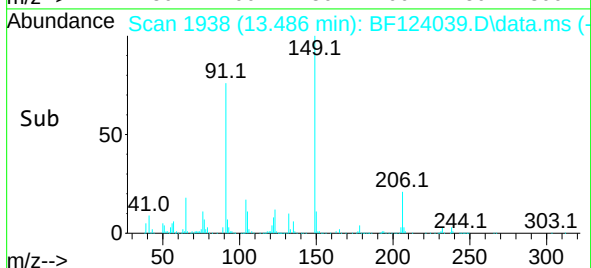
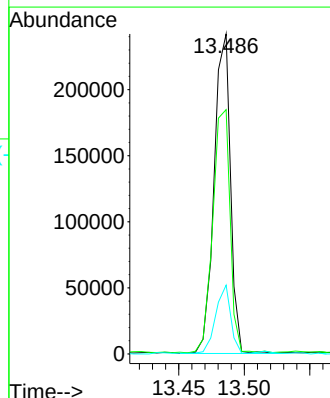
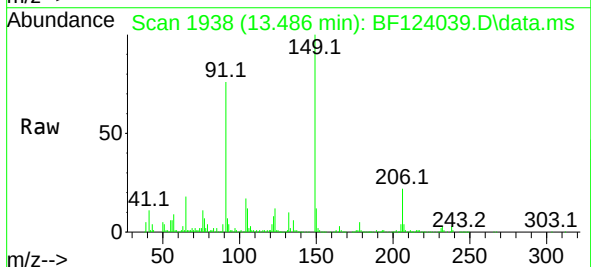
Manual Integrations
APPROVED

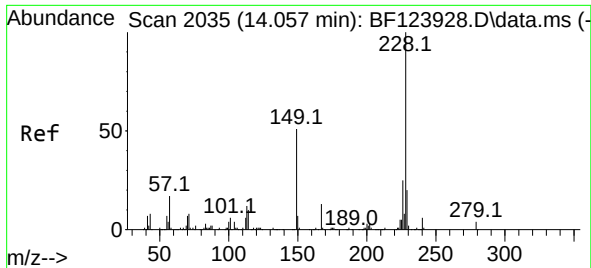
mohammad
5/25/2021 11:18:02 AM



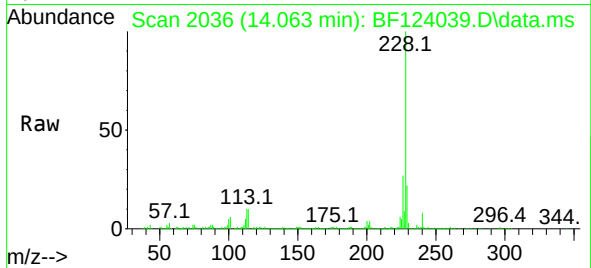
#80
Butylbenzylphthalate
Concen: 46.27 ng
RT: 13.486 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion:149 Resp: 209716
Ion Ratio Lower Upper
149 100
91 76.4 63.6 95.4
206 21.5 14.5 21.7

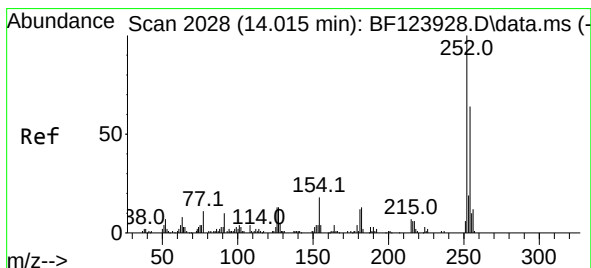
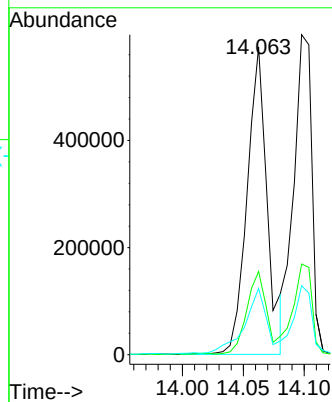
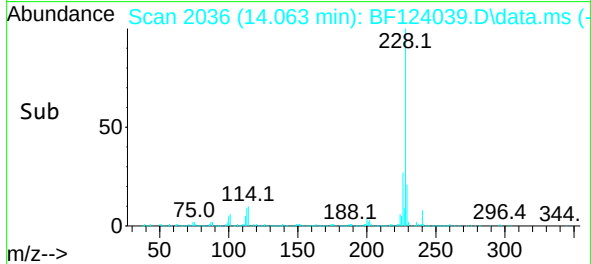




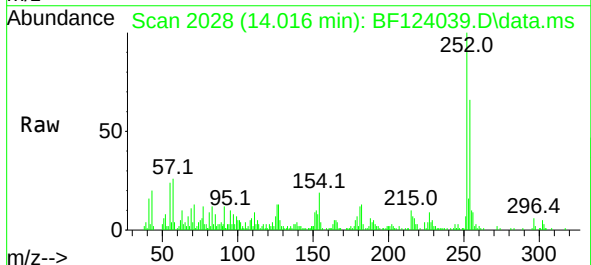
#81
Benzo(a)anthracene
Concen: 70.08 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



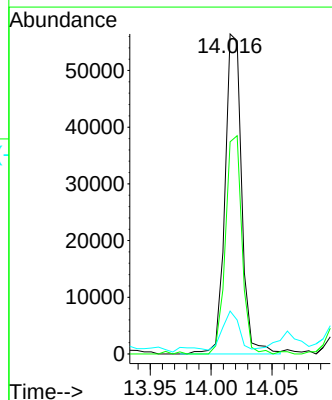
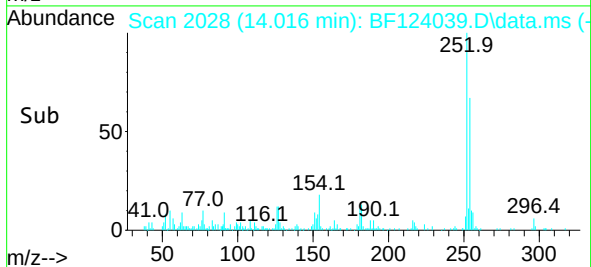
Tgt Ion:228 Resp: 659864
Ion Ratio Lower Upper
228 100
226 27.0 22.4 33.6
229 21.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 18.46 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



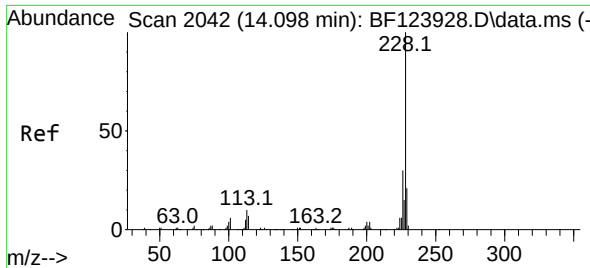
Tgt Ion:252 Resp: 53995
Ion Ratio Lower Upper
252 100
254 66.3 51.1 76.7
126 13.4 7.7 11.5#



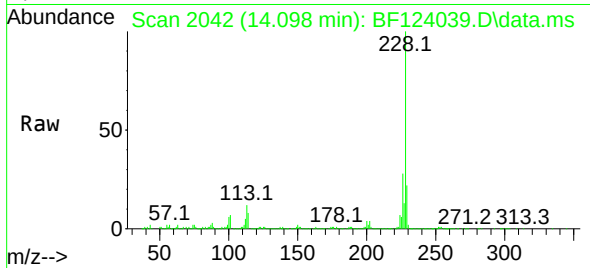
Instrument :
BNA_F
ClientSampleId :
359MS

Manual Integrations
APPROVED

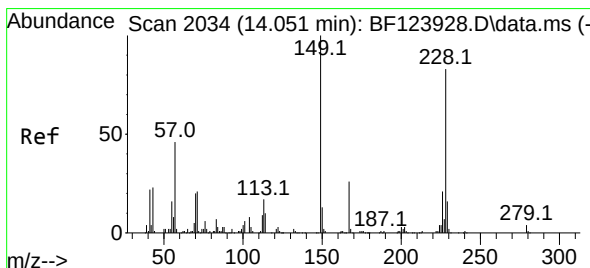
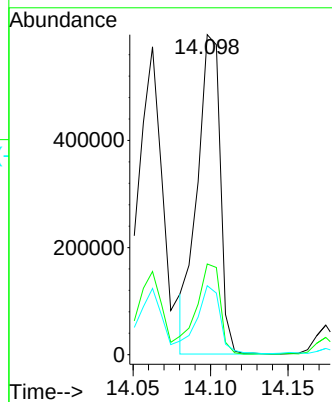
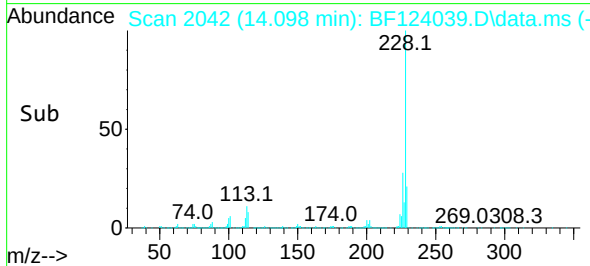
mohammad
5/25/2021 11:18:02 AM



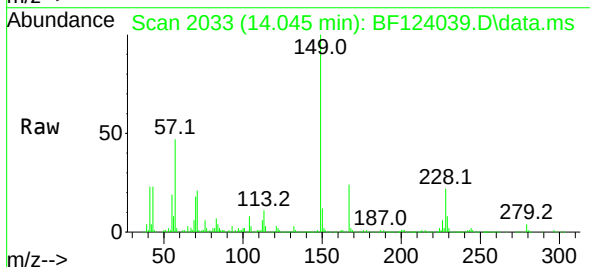
#83
Chrysene
Concen: 67.99 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



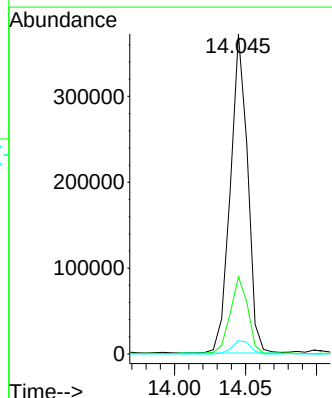
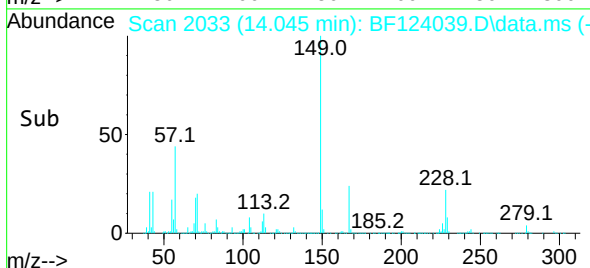
Tgt Ion:228 Resp: 615721
Ion Ratio Lower Upper
228 100
226 28.4 24.3 36.5
229 21.6 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.04 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



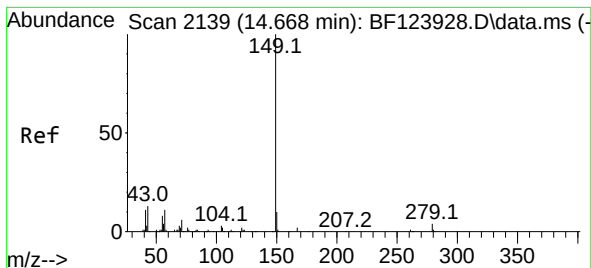
Tgt Ion:149 Resp: 313658
Ion Ratio Lower Upper
149 100
167 24.1 21.8 32.6
279 4.2 3.3 4.9



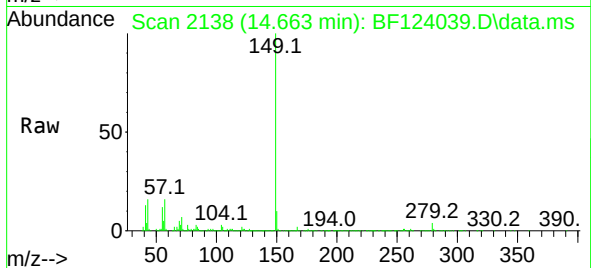
Instrument :
BNA_F
ClientSampled :
359MS

Manual Integrations
APPROVED

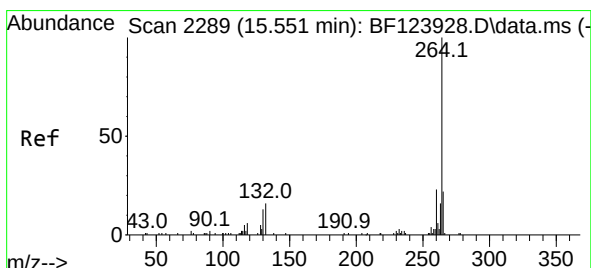
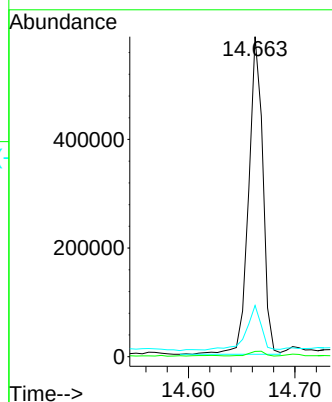
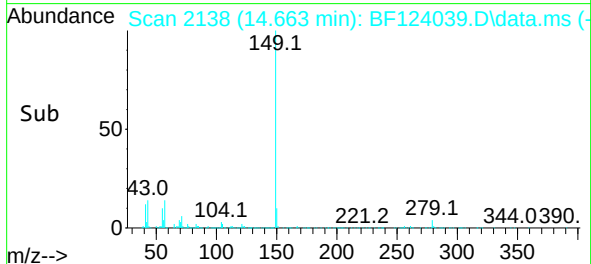
mohammad
5/25/2021 11:18:02 AM



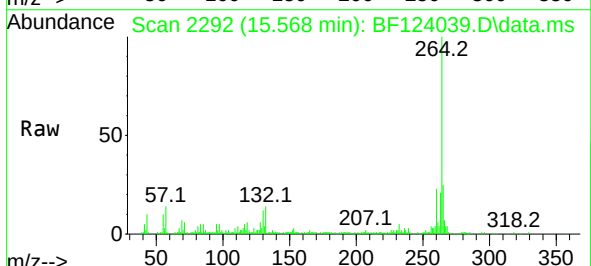
#85
Di-n-octyl phthalate
Concen: 56.35 ng
RT: 14.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



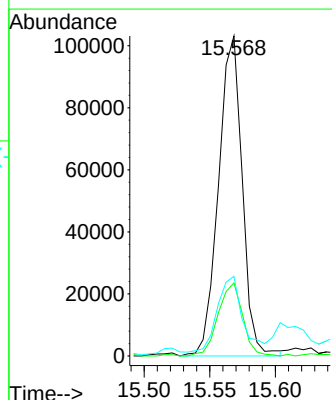
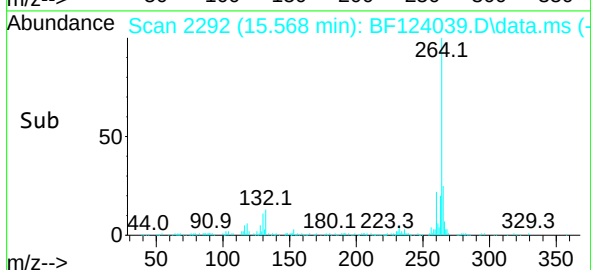
Tgt Ion:149 Resp: 544850
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 15.8 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



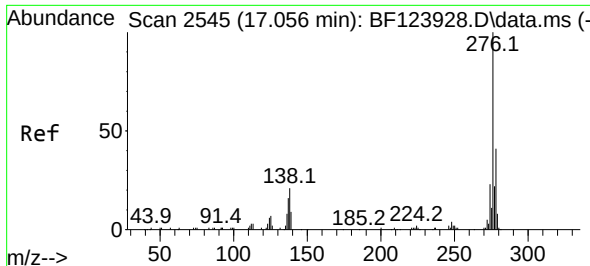
Tgt Ion:264 Resp: 129784
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 24.9 17.8 26.8



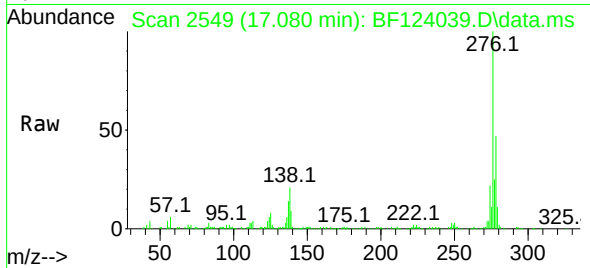
Instrument :
BNA_F
ClientSampleId :
359MS

Manual Integrations
APPROVED

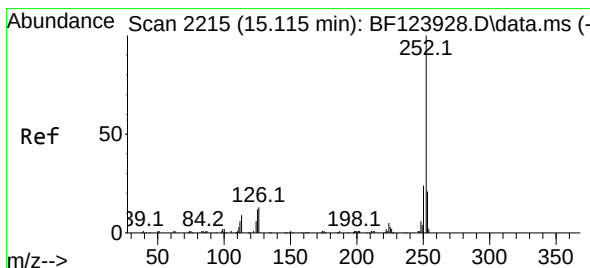
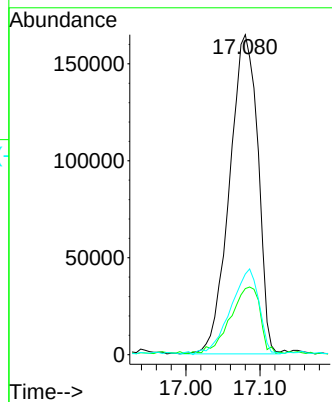
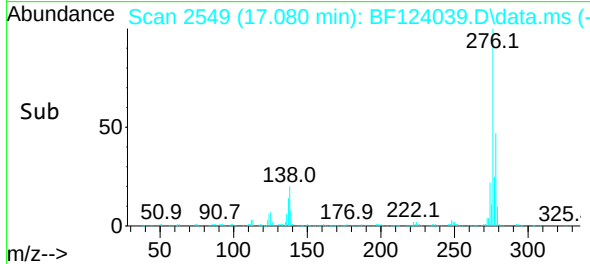
mohammad
5/25/2021 11:18:02 AM



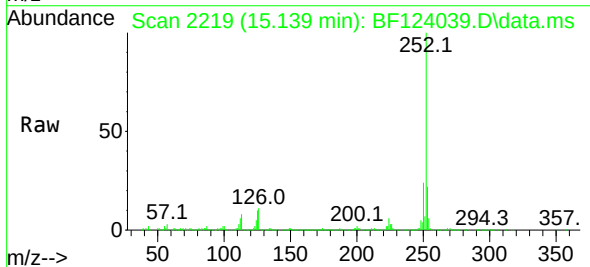
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.62 ng
RT: 17.080 min Scan# 2549
Delta R.T. 0.024 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



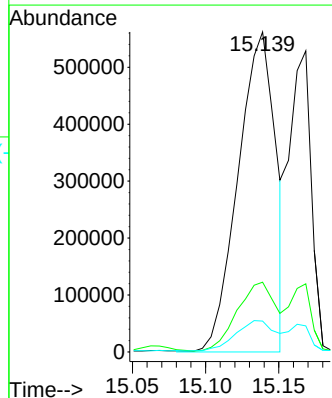
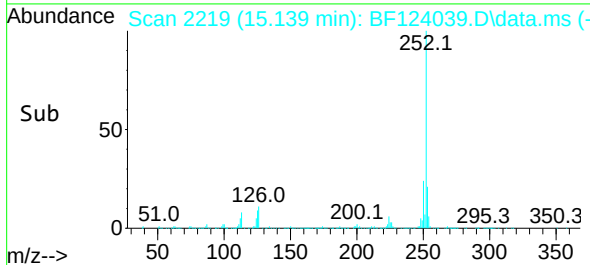
Tgt Ion:276 Resp: 437171
Ion Ratio Lower Upper
276 100
138 21.9 16.2 24.2
277 27.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 99.58 ng m
RT: 15.139 min Scan# 2219
Delta R.T. 0.024 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



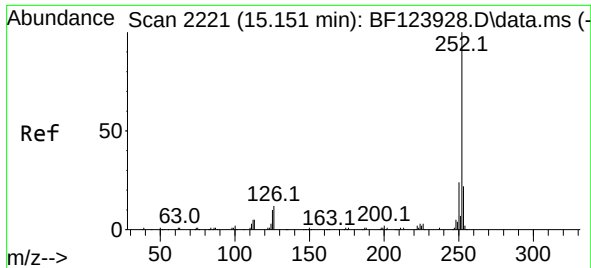
Tgt Ion:252 Resp: 999773
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 9.7 6.2 9.4#



Instrument :
BNA_F
ClientSampled :
359MS

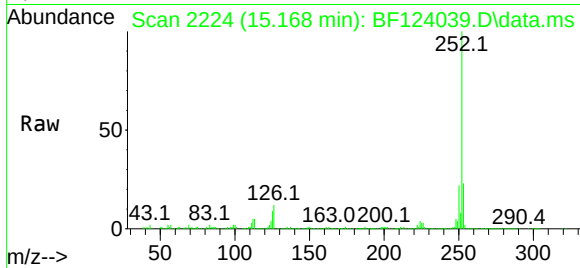
Manual Integrations
APPROVED

mohammad
5/25/2021 11:18:02 AM



#89
Benzo(k)fluoranthene
Concen: 59.66 ng
RT: 15.168 min Scan# 2224
Delta R.T. 0.018 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

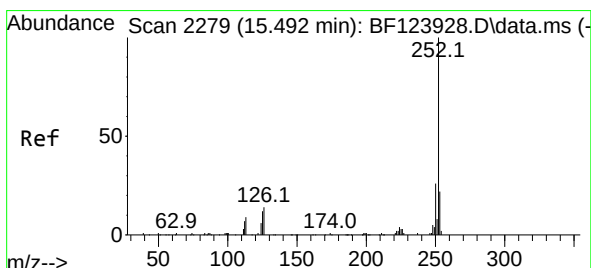
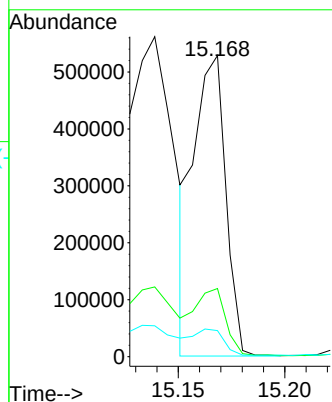
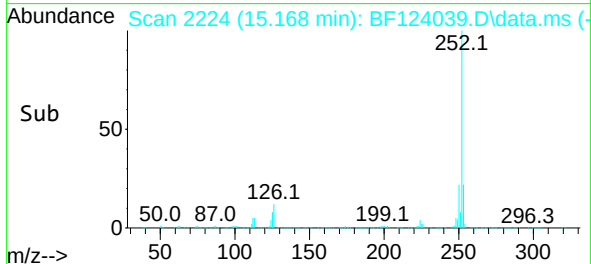
Instrument :
BNA_F
ClientSampleId :
359MS



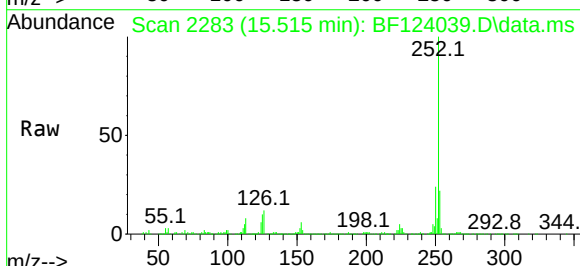
Tgt Ion:252 Resp: 545890
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.7 7.0 10.6

Manual Integrations
APPROVED

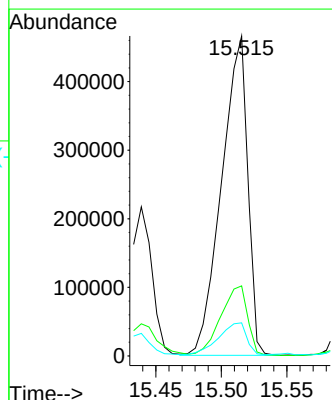
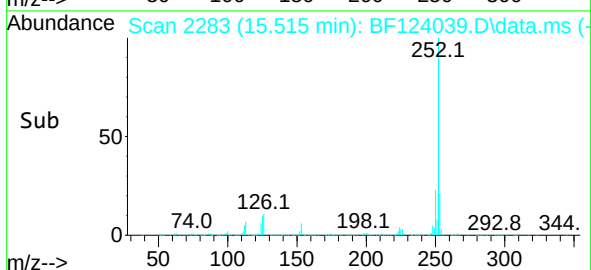
mohammad
5/25/2021 11:18:02 AM

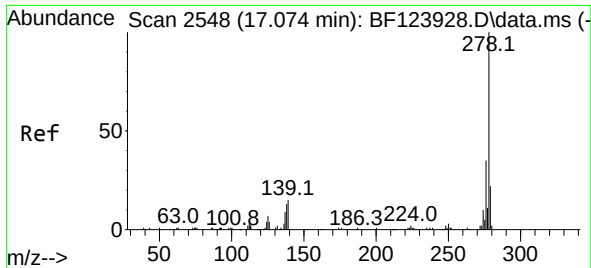


#90
Benzo(a)pyrene
Concen: 74.14 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.024 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07



Tgt Ion:252 Resp: 643439
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 10.3 8.0 12.0





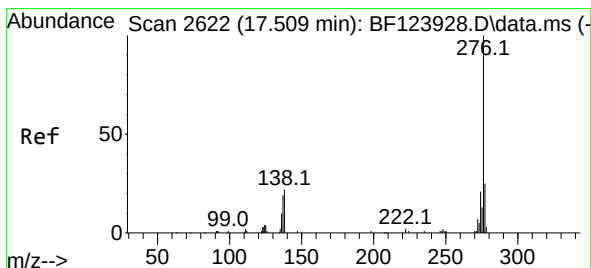
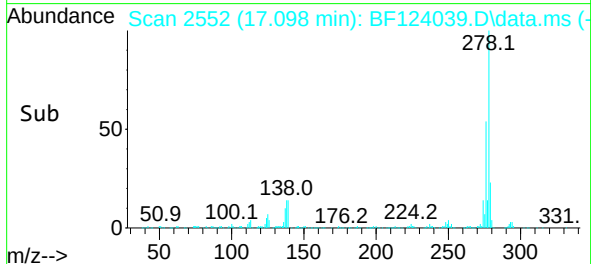
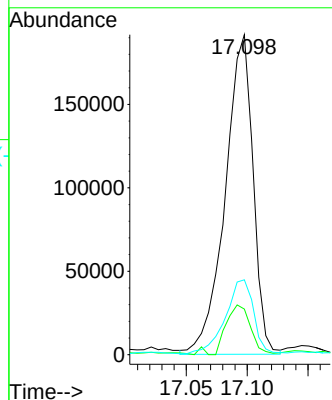
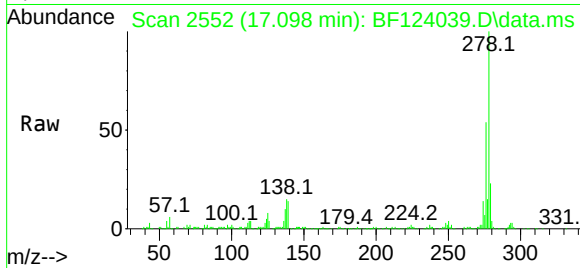
#91
Dibenzo(a,h)anthracene
Concen: 36.14 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.024 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion: 278 Resp: 305077
Ion Ratio Lower Upper
278 100
139 14.3 10.2 15.2
279 23.4 19.4 29.0

Instrument :
BNA_F
ClientSampleId :
359MS

Manual Integrations
APPROVED

mohammad
5/25/2021 11:18:02 AM



#92
Benzo(g,h,i)perylene
Concen: 40.86 ng
RT: 17.539 min Scan# 2627
Delta R.T. 0.029 min
Lab File: BF124039.D
Acq: 24 May 2021 16:07

Tgt Ion: 276 Resp: 345855
Ion Ratio Lower Upper
276 100
277 22.5 18.2 27.2
138 18.0 13.8 20.6

