

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
 Data File : BF124497.D
 Acq On : 30 Jun 2021 17:39
 Operator : JU/CG
 Sample : M2896-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-03MS

Manual Integrations
 APPROVED

mohammad
 7/1/2021 2:51:57 PM

Quant Time: Jul 01 05:14:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 12:49:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	33479	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	132143	20.000	ng	# 0.00
39) Acenaphthene-d10	9.728	164	80429	20.000	ng	0.00
64) Phenanthrene-d10	11.216	188	156226	20.000	ng	0.00
76) Chrysene-d12	13.863	240	113976	20.000	ng	0.00
86) Perylene-d12	15.286	264	80883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	251427	118.109	ng	0.02
7) Phenol-d6	6.351	99	286602	103.112	ng	0.00
23) Nitrobenzene-d5	7.263	82	254629	79.895	ng	0.00
42) 2,4,6-Tribromophenol	10.527	330	139422	145.093	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	529736	80.682	ng	0.00
79) Terphenyl-d14	12.804	244	743224	97.669	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.463	88	30981	33.845	ng	# 71
3) Pyridine	3.169	79	45311	22.573	ng	# 74
4) n-Nitrosodimethylamine	3.087	42	41615	38.428	ng	# 69
6) Aniline	6.363	93	35526	11.441	ng	# 1
8) 2-Chlorophenol	6.487	128	102848	43.473	ng	89
9) Benzaldehyde	6.245	77	61147	47.258	ng	96
10) Phenol	6.363	94	103456	34.423	ng	89
11) bis(2-Chloroethyl)ether	6.434	93	98665	45.393	ng	93
12) 1,3-Dichlorobenzene	6.634	146	113224	39.403	ng	# 93
13) 1,4-Dichlorobenzene	6.710	146	120215	41.259	ng	94
14) 1,2-Dichlorobenzene	6.863	146	114580	41.757	ng	97
15) Benzyl Alcohol	6.851	79	101181	42.438	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.975	45	112656	40.402	ng	# 1
17) 2-Methylphenol	6.969	107	85051	44.926	ng	# 85
18) Hexachloroethane	7.198	117	43551	41.026	ng	# 87
19) n-Nitroso-di-n-propyla...	7.116	70	81887	43.807	ng	# 75
20) 3+4-Methylphenols	7.128	107	106081	42.929	ng	# 71
22) Acetophenone	7.110	105	157136	42.717	ng	# 83
24) Nitrobenzene	7.287	77	121311	38.101	ng	97
25) Isophorone	7.522	82	212644	38.808	ng	# 94
26) 2-Nitrophenol	7.598	139	60787	39.251	ng	90
27) 2,4-Dimethylphenol	7.645	122	93157	45.129	ng	94
28) bis(2-Chloroethoxy)met...	7.734	93	126124	45.411	ng	99
29) 2,4-Dichlorophenol	7.851	162	98591	40.235	ng	92
30) 1,2,4-Trichlorobenzene	7.916	180	107499	38.683	ng	97
31) Naphthalene	7.998	128	305277	39.267	ng	98
32) Benzoic acid	7.816	122	46920m	40.288	ng	
33) 4-Chloroaniline	8.069	127	16432m	5.627	ng	
34) Hexachlorobutadiene	8.110	225	67413	36.284	ng	99
35) Caprolactam	8.445	113	24885m	38.754	ng	
36) 4-Chloro-3-methylphenol	8.557	107	104331	42.154	ng	89
37) 2-Methylnaphthalene	8.686	142	227090	41.278	ng	99
38) 1-Methylnaphthalene	8.786	142	212785	41.583	ng	99
40) 1,2,4,5-Tetrachloroben...	8.857	216	117497	40.650	ng	# 97
41) Hexachlorocyclopentadiene	8.839	237	49024	218.583	ng	97
43) 2,4,6-Trichlorophenol	8.981	196	71705	39.531	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
 Data File : BF124497.D
 Acq On : 30 Jun 2021 17:39
 Operator : JU/CG
 Sample : M2896-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-03MS

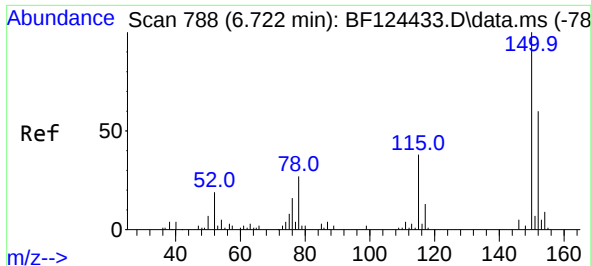
Manual Integrations
 APPROVED

mohammad
 7/1/2021 2:51:57 PM

Quant Time: Jul 01 05:14:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 12:49:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.028	196	75611	39.506	ng	# 89
46) 1,1'-Biphenyl	9.151	154	288111	42.147	ng	98
47) 2-Chloronaphthalene	9.181	162	221981	39.699	ng	93
48) 2-Nitroaniline	9.286	65	80560	43.796	ng	97
49) Acenaphthylene	9.592	152	339483	42.002	ng	96
50) Dimethylphthalate	9.463	163	291290	45.936	ng	# 99
51) 2,6-Dinitrotoluene	9.528	165	66217	45.206	ng	# 84
52) Acenaphthene	9.763	154	216885	42.260	ng	93
53) 3-Nitroaniline	9.698	138	23912	18.442	ng	# 93
54) 2,4-Dinitrophenol	9.822	184	62571	93.906	ng	# 81
55) Dibenzofuran	9.939	168	346228	42.326	ng	97
56) 4-Nitrophenol	9.892	139	50944	74.895	ng	92
57) 2,4-Dinitrotoluene	9.939	165	91888	47.326	ng	# 90
58) Fluorene	10.280	166	275421	43.820	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.069	232	62395	44.576	ng	# 96
60) Diethylphthalate	10.163	149	298042	47.235	ng	96
61) 4-Chlorophenyl-phenyle...	10.269	204	136884	43.946	ng	99
62) 4-Nitroaniline	10.322	138	57307	45.937	ng	90
63) Azobenzene	10.433	77	271195	43.178	ng	93
65) 4,6-Dinitro-2-methylph...	10.357	198	48593	43.393	ng	# 54
66) n-Nitrosodiphenylamine	10.398	169	247370	41.275	ng	96
67) 4-Bromophenyl-phenylether	10.757	248	85633	40.744	ng	91
68) Hexachlorobenzene	10.827	284	95022	41.612	ng	# 94
69) Atrazine	10.927	200	88080	56.965	ng	98
70) Pentachlorophenol	11.033	266	66315	115.942	ng	89
71) Phenanthrene	11.245	178	427420	43.401	ng	99
72) Anthracene	11.298	178	443197	45.167	ng	98
73) Carbazole	11.457	167	374980	43.848	ng	98
74) Di-n-butylphthalate	11.780	149	501188	49.216	ng	99
75) Fluoranthene	12.433	202	460922	46.509	ng	97
77) Benzidine	12.557	184	51924	22.732	ng	98
78) Pyrene	12.663	202	461550	44.364	ng	97
80) Butylbenzylphthalate	13.280	149	203927	49.362	ng	# 89
81) Benzo(a)anthracene	13.851	228	355720	43.289	ng	96
82) 3,3'-Dichlorobenzidine	13.810	252	38027	14.443	ng	# 91
83) Chrysene	13.892	228	338025	41.510	ng	96
84) Bis(2-ethylhexyl)phtha...	13.839	149	290465	52.477	ng	97
85) Di-n-octyl phthalate	14.451	149	391887	45.460	ng	# 87
87) Indeno(1,2,3-cd)pyrene	16.692	276	298831	46.850	ng	97
88) Benzo(b)fluoranthene	14.886	252	262994	42.909	ng	99
89) Benzo(k)fluoranthene	14.910	252	245383	43.760	ng	97
90) Benzo(a)pyrene	15.233	252	242497	44.523	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	254424	46.307	ng	# 96
92) Benzo(g,h,i)perylene	17.109	276	237652	43.958	ng	98

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



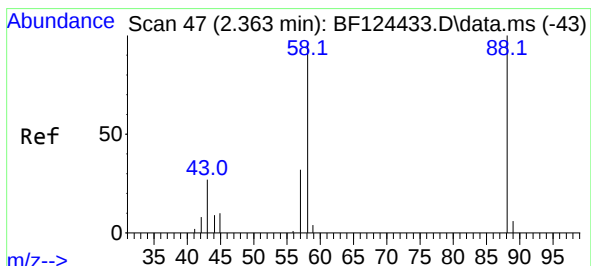
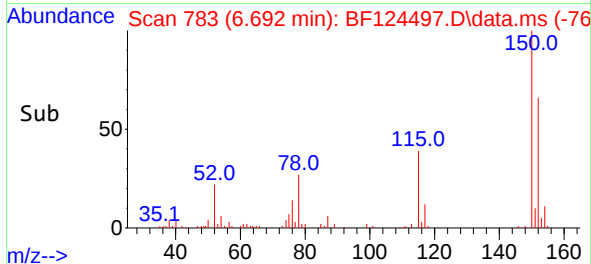
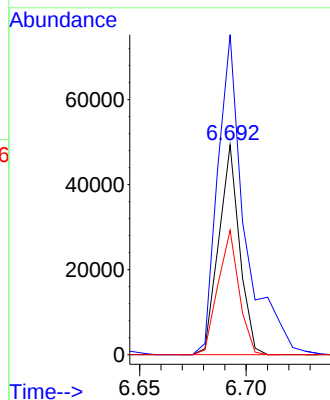
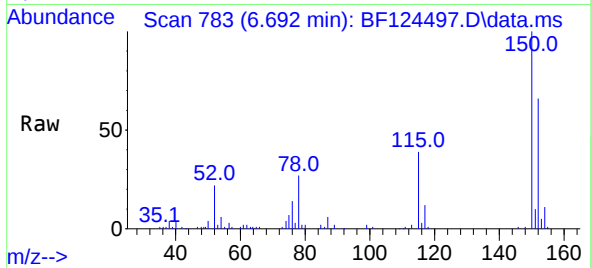
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion: 152 Resp: 33479
Ion Ratio Lower Upper
152 100
150 152.5 127.0 190.6
115 59.3 54.3 81.5

Instrument :
BNA_F
ClientSampled :
FS-03MS

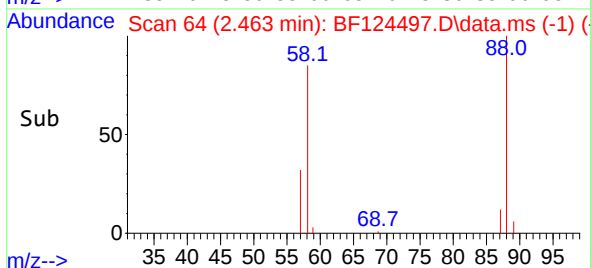
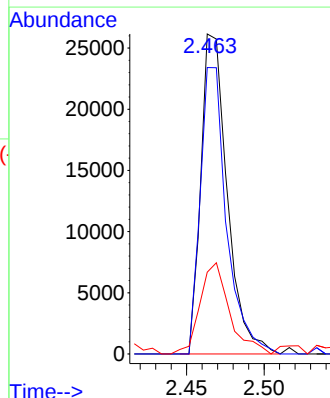
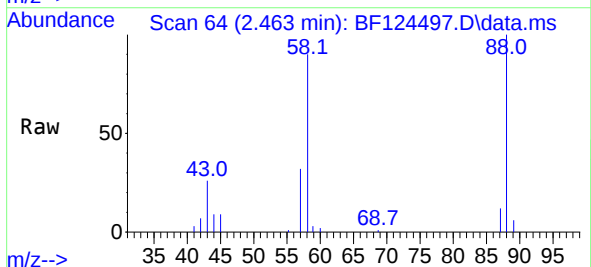
Manual Integrations
APPROVED

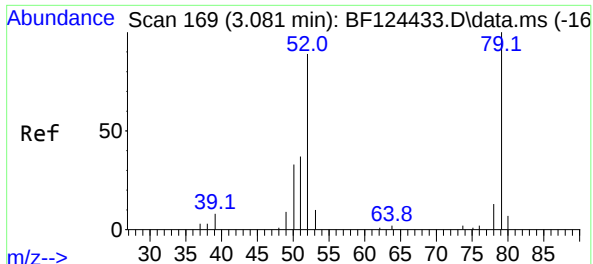
mohammad
7/1/2021 2:51:57 PM



#2
1,4-Dioxane
Concen: 33.845 ng
RT: 2.463 min Scan# 64
Delta R.T. 0.153 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

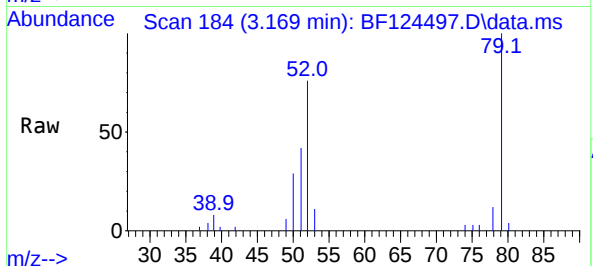
Tgt Ion: 88 Resp: 30981
Ion Ratio Lower Upper
88 100
58 89.2 83.8 125.8
43 0.0 32.2 48.4#





#3
Pyridine
Concen: 22.573 ng
RT: 3.169 min Scan# 184
Delta R.T. 0.141 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

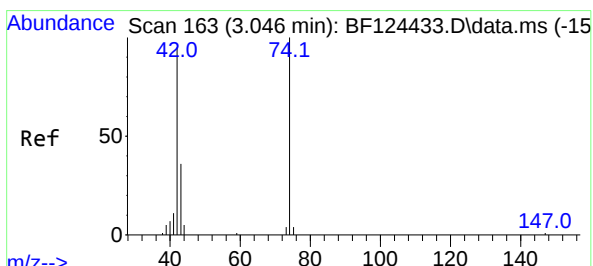
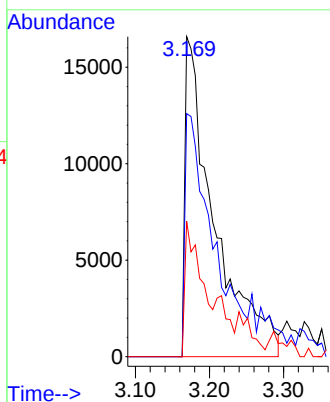
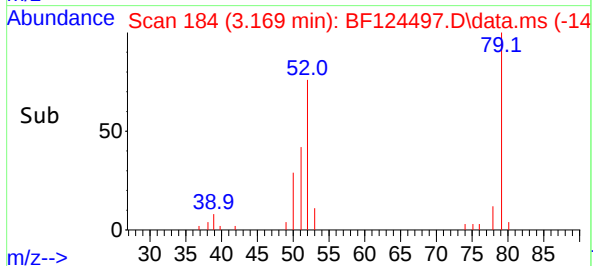
Instrument :
BNA_F
ClientSampled :
FS-03MS



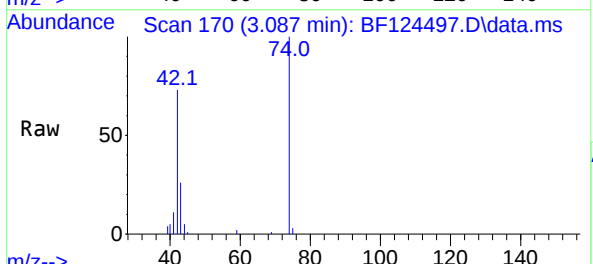
Tgt Ion: 79 Resp: 45311
Ion Ratio Lower Upper
79 100
52 75.9 87.4 131.0#
51 42.4 41.4 62.0

Manual Integrations
APPROVED

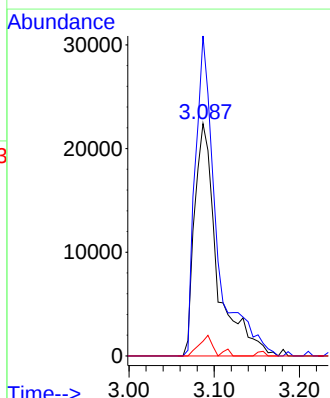
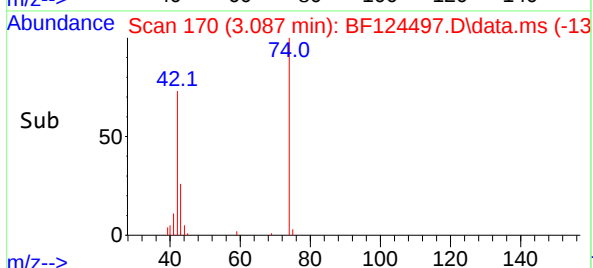
mohammad
7/1/2021 2:51:57 PM

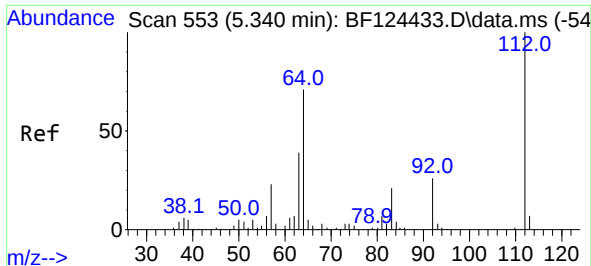


#4
n-Nitrosodimethylamine
Concen: 38.428 ng
RT: 3.087 min Scan# 170
Delta R.T. 0.100 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



Tgt Ion: 42 Resp: 41615
Ion Ratio Lower Upper
42 100
74 137.8 83.5 125.3#
44 6.4 5.7 8.5





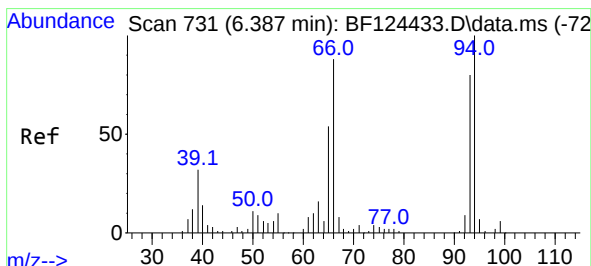
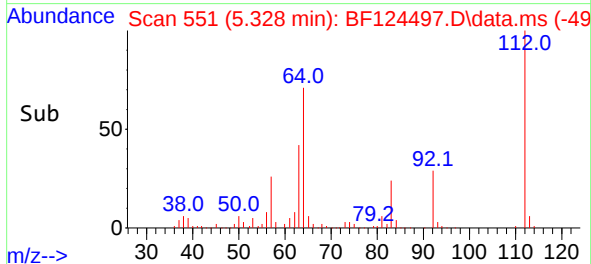
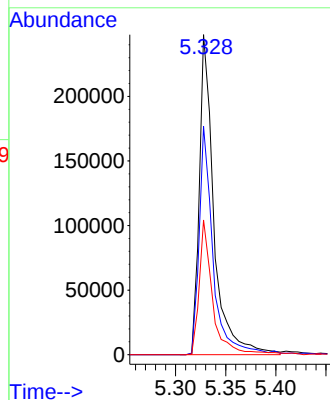
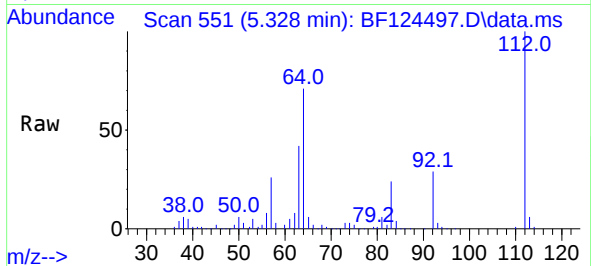
#5
2-Fluorophenol
Concen: 118.109 ng
RT: 5.328 min Scan# 551
Delta R.T. 0.018 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion: 112 Resp: 251427
Ion Ratio Lower Upper
112 100
64 71.3 61.4 92.0
63 42.1 33.0 49.4

Instrument :
BNA_F
ClientSampleId :
FS-03MS

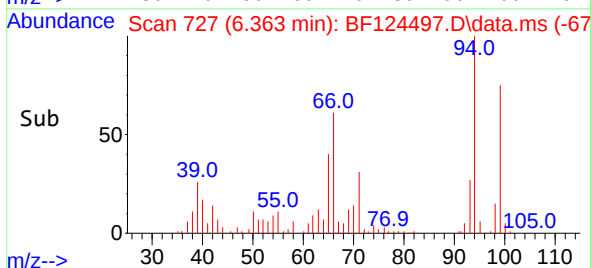
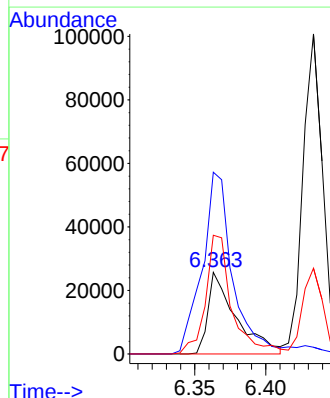
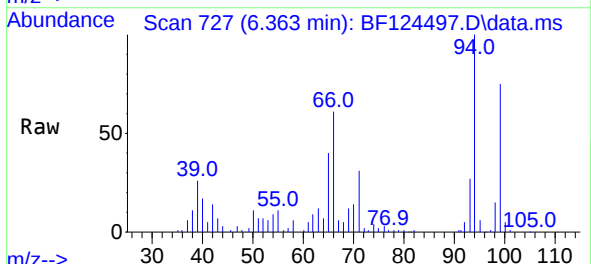
Manual Integrations
APPROVED

mohammad
7/1/2021 2:51:57 PM

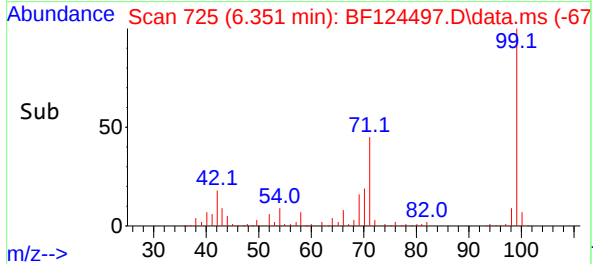
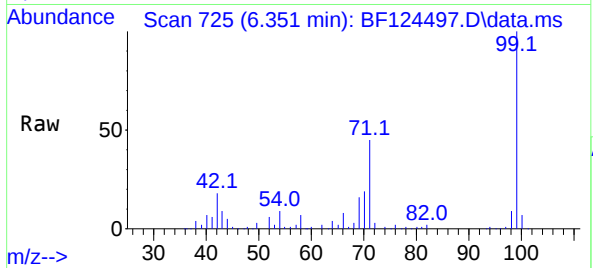
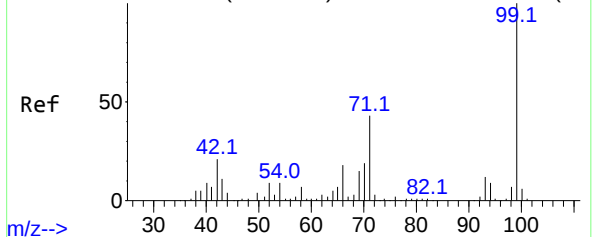


#6
Aniline
Concen: 11.441 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion: 93 Resp: 35526
Ion Ratio Lower Upper
93 100
66 222.5 36.4 54.6#
65 145.3 19.4 29.0#



Abundance Scan 729 (6.375 min): BF124433.D\data.ms (-72



#7

Phenol-d6

Concen: 103.112 ng

RT: 6.351 min Scan# 725

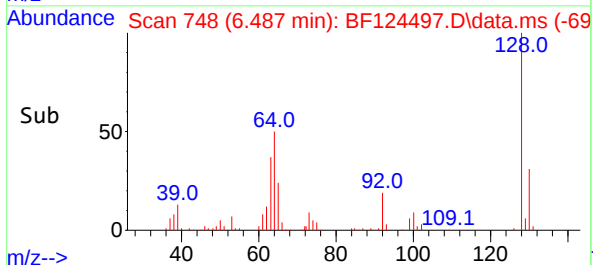
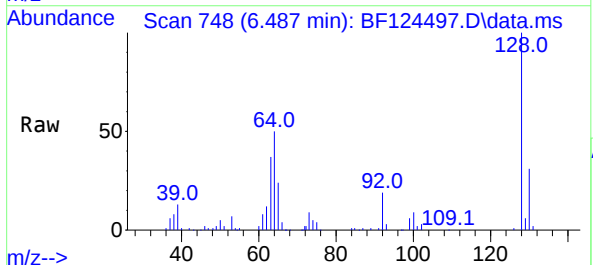
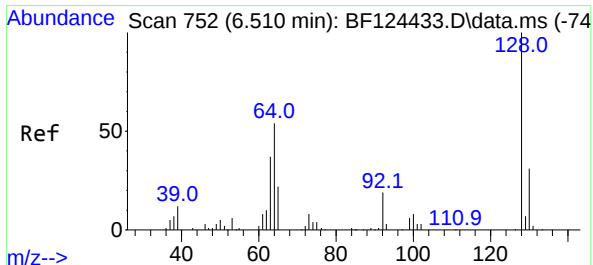
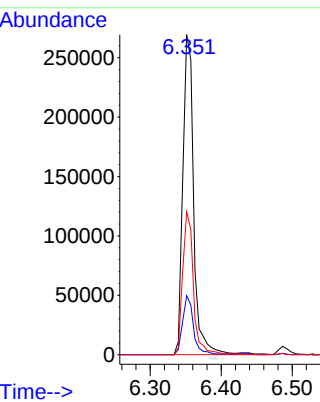
Delta R.T. 0.000 min

Lab File: BF124497.D

Acq: 30 Jun 2021 17:39

Tgt Ion: 99 Resp: 286602

Ion	Ratio	Lower	Upper
99	100		
42	18.5	19.8	29.8#
71	44.6	31.1	46.7



#8

2-Chlorophenol

Concen: 43.473 ng

RT: 6.487 min Scan# 748

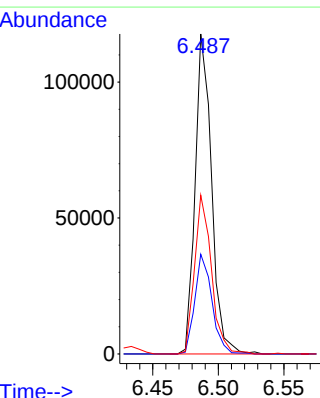
Delta R.T. 0.000 min

Lab File: BF124497.D

Acq: 30 Jun 2021 17:39

Tgt Ion: 128 Resp: 102848

Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.6	52.6
64	49.6	41.5	81.5



Instrument :

BNA_F

ClientSampled :

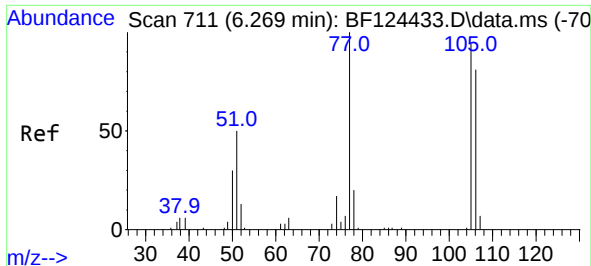
FS-03MS

Manual Integrations

APPROVED

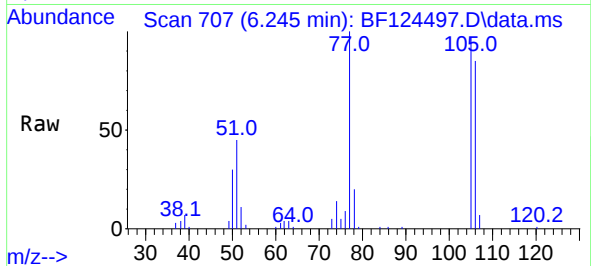
mohammad

7/1/2021 2:51:57 PM



#9
Benzaldehyde
Concen: 47.258 ng
RT: 6.245 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

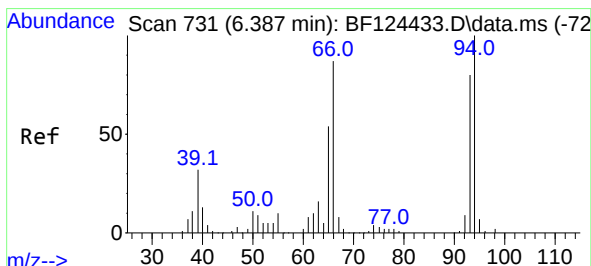
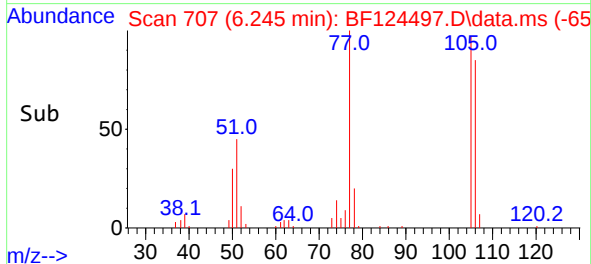
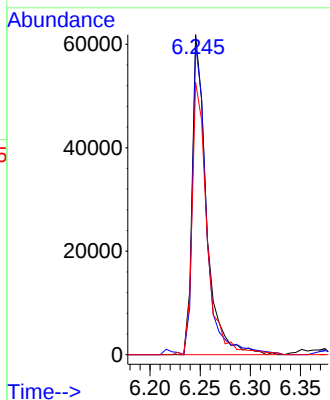
Instrument :
BNA_F
ClientSampled :
FS-03MS



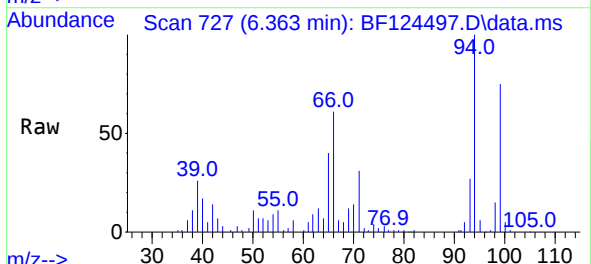
Tgt Ion: 77 Resp: 61147
Ion Ratio Lower Upper
77 100
105 97.1 75.2 115.2
106 85.1 71.6 111.6

Manual Integrations
APPROVED

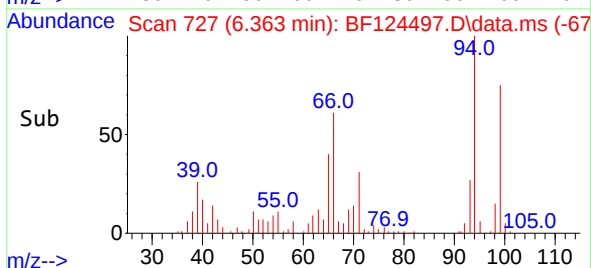
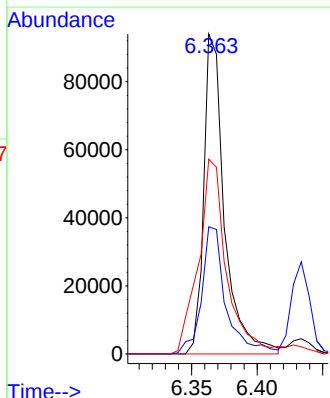
mohammad
7/1/2021 2:51:57 PM

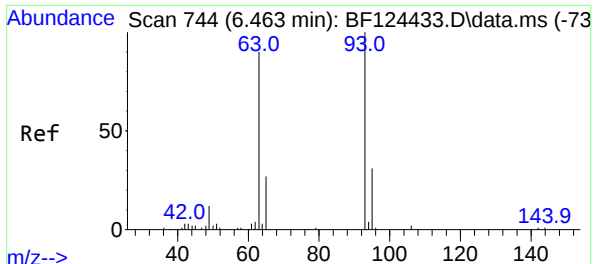


#10
Phenol
Concen: 34.423 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



Tgt Ion: 94 Resp: 103456
Ion Ratio Lower Upper
94 100
65 39.7 18.1 58.1
66 60.9 29.0 69.0





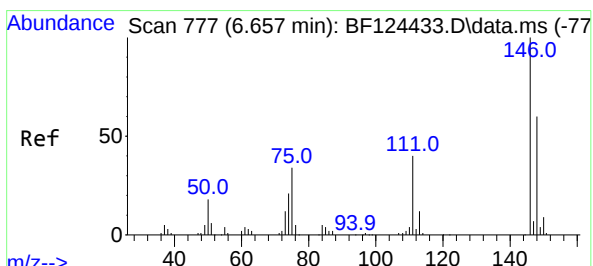
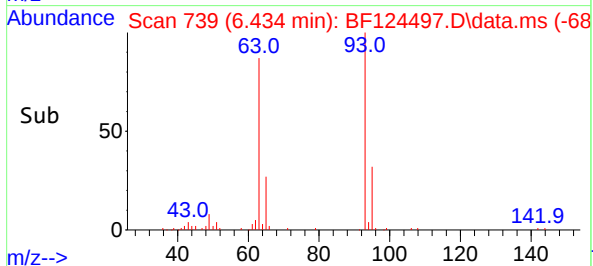
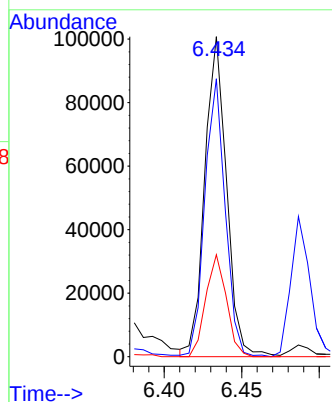
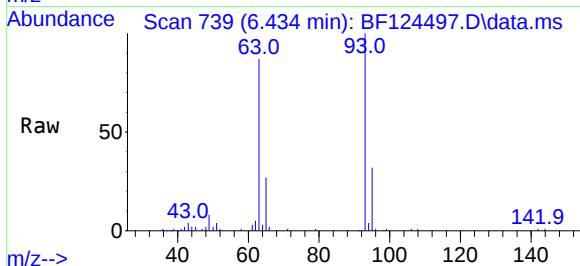
#11
bis(2-Chloroethyl)ether
Concen: 45.393 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:	93	Resp:	98665
Ion	Ratio	Lower	Upper
93	100		
63	86.8	76.1	116.1
95	31.9	11.5	51.5

Instrument :
BNA_F
ClientSampled :
FS-03MS

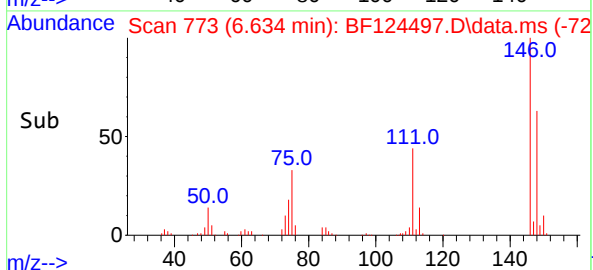
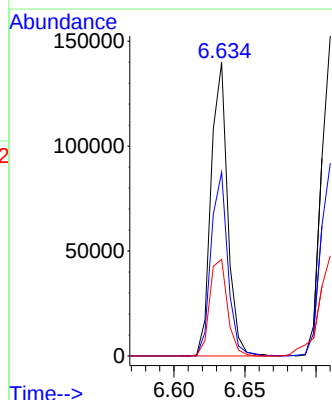
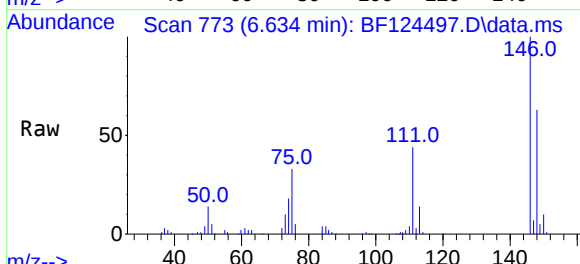
Manual Integrations
APPROVED

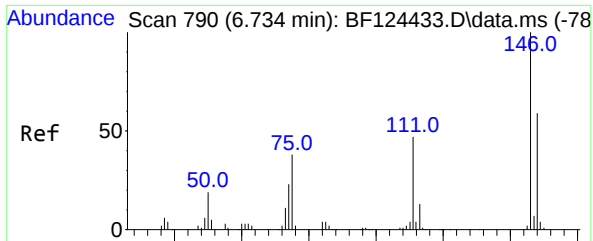
mohammad
7/1/2021 2:51:57 PM



#12
1,3-Dichlorobenzene
Concen: 39.403 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

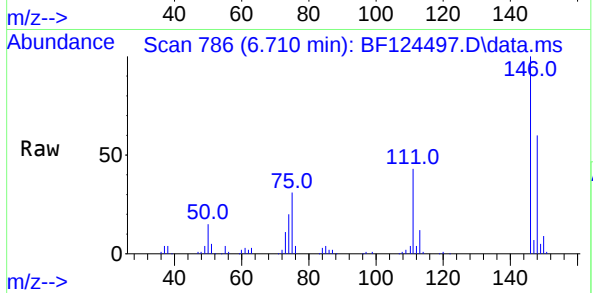
Tgt Ion:	146	Resp:	113224
Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.9	76.3
75	32.9	34.2	51.4#





#13
1,4-Dichlorobenzene
Concen: 41.259 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

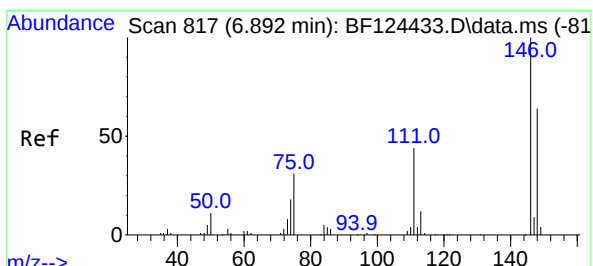
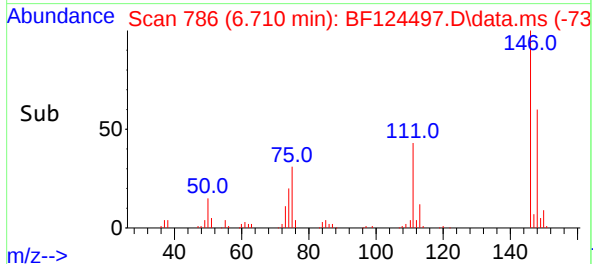
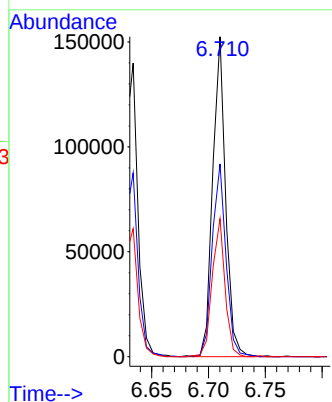
Instrument :
BNA_F
ClientSampled :
FS-03MS



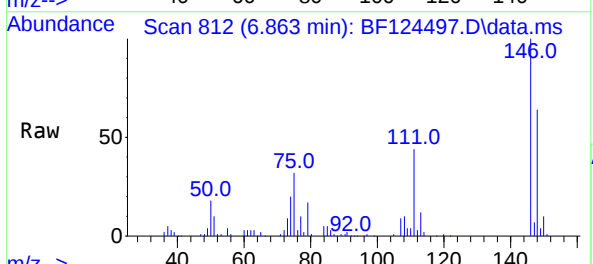
Tgt Ion:146 Resp: 120215
Ion Ratio Lower Upper
146 100
148 60.3 49.9 74.9
111 43.1 39.5 59.3

Manual Integrations
APPROVED

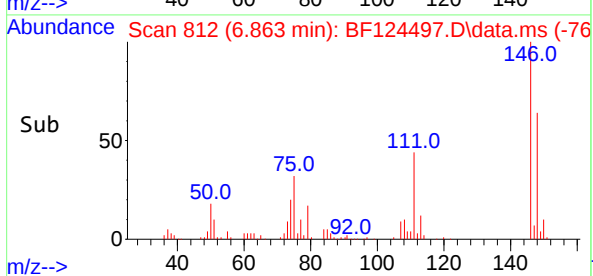
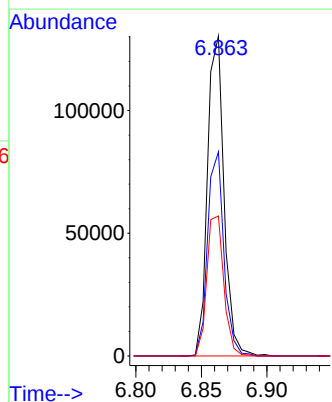
mohammad
7/1/2021 2:51:57 PM

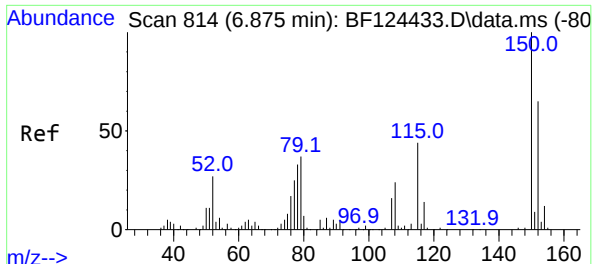


#14
1,2-Dichlorobenzene
Concen: 41.757 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



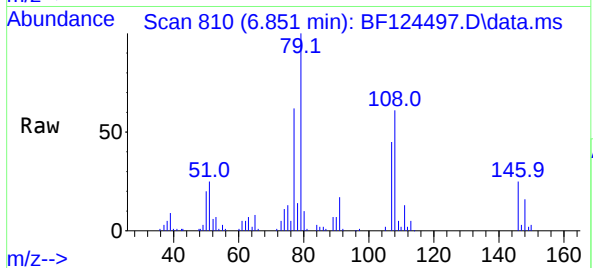
Tgt Ion:146 Resp: 114580
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 43.8 38.4 57.6





#15
Benzyl Alcohol
Concen: 42.438 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

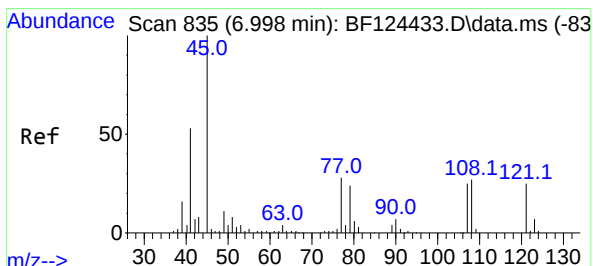
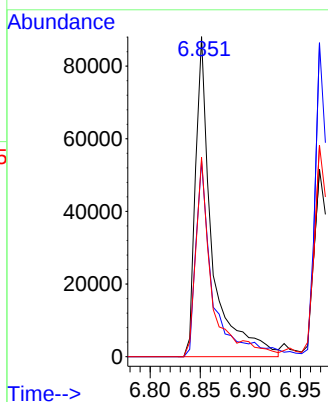
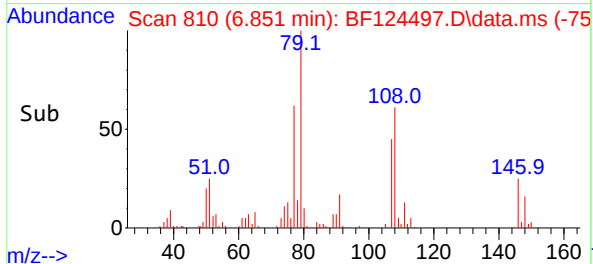
Instrument :
BNA_F
ClientSampled :
FS-03MS



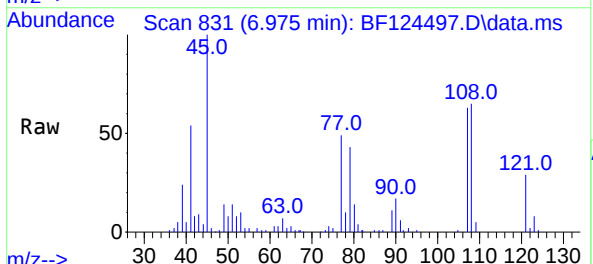
Tgt Ion: 79 Resp: 101181
Ion Ratio Lower Upper
79 100
108 61.1 55.8 83.8
77 62.2 49.9 74.9

Manual Integrations
APPROVED

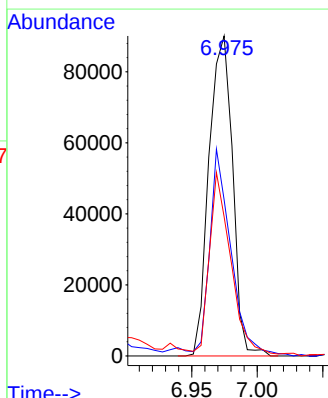
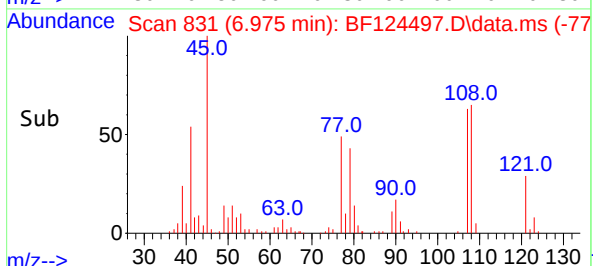
mohammad
7/1/2021 2:51:57 PM

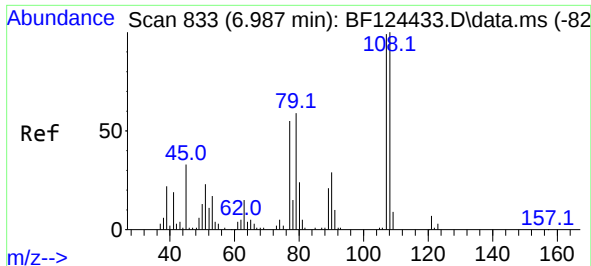


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.402 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



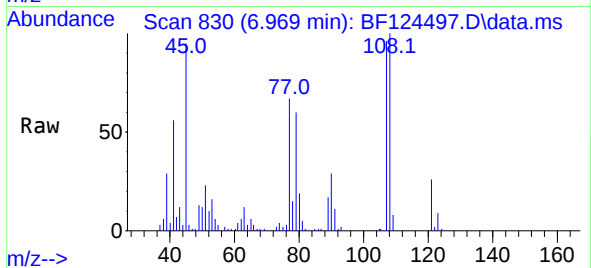
Tgt Ion: 45 Resp: 112656
Ion Ratio Lower Upper
45 100
77 48.8 0.0 30.0#
79 43.5 0.0 27.3#





#17
2-Methylphenol
Concen: 44.926 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

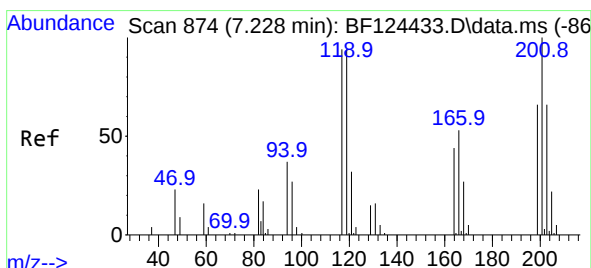
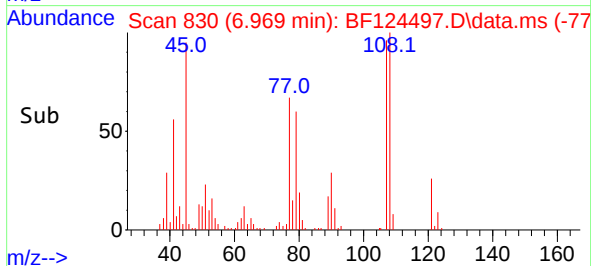
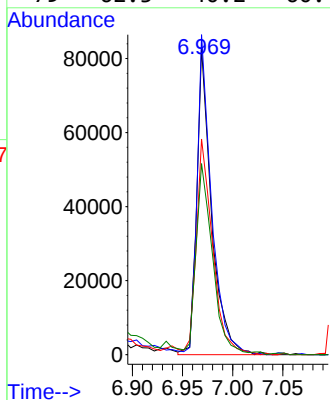
Instrument :
BNA_F
ClientSampled :
FS-03MS



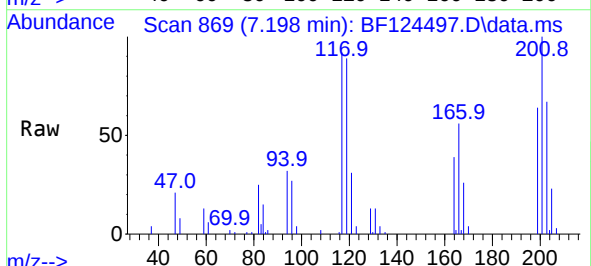
Tgt Ion:	107	Resp:	85051
Ion	Ratio	Lower	Upper
107	100		
108	104.3	89.8	134.8
77	70.3	40.9	61.3#
79	62.3	40.2	60.4#

Manual Integrations
APPROVED

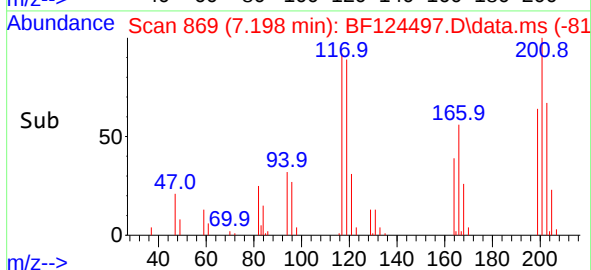
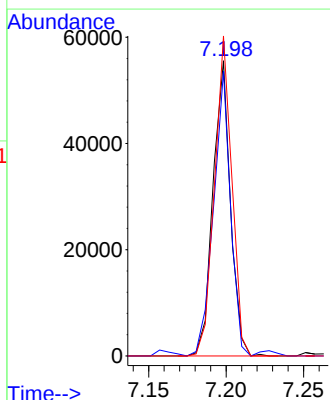
mohammad
7/1/2021 2:51:57 PM

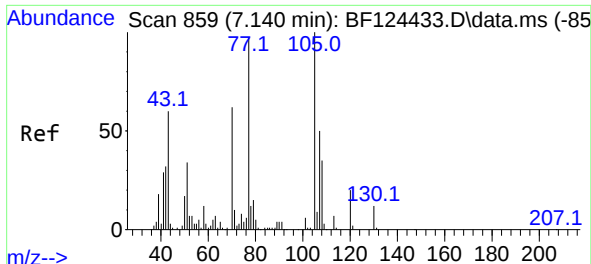


#18
Hexachloroethane
Concen: 41.026 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



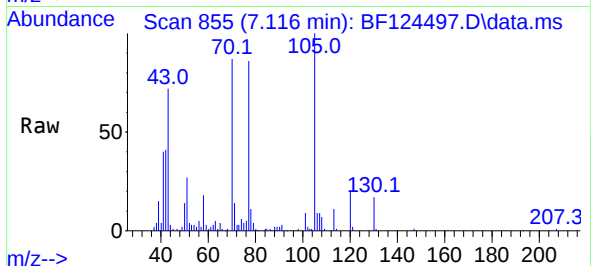
Tgt Ion:	117	Resp:	43551
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.8	116.8
201	108.4	67.8	101.8#





#19
n-Nitroso-di-n-propylamine
Concen: 43.807 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

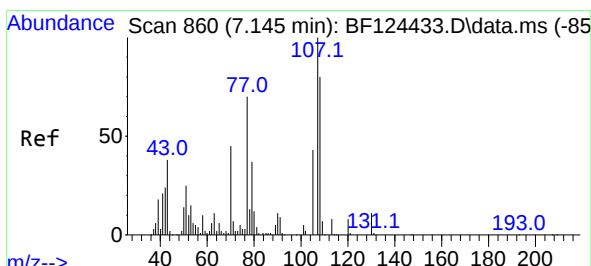
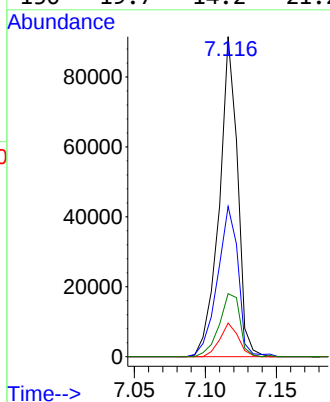
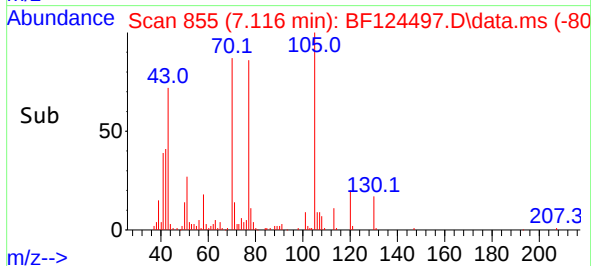
Instrument :
BNA_F
ClientSampleId :
FS-03MS



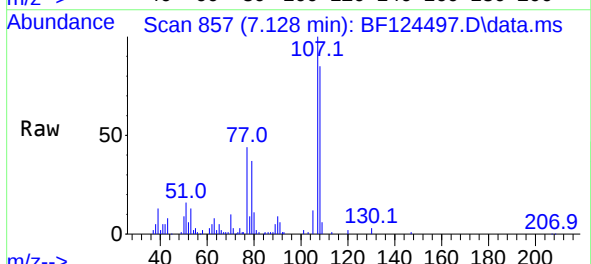
Tgt Ion: 70 Resp: 81887
Ion Ratio Lower Upper
70 100
42 47.0 60.1 90.1#
101 10.5 7.4 11.2
130 19.7 14.2 21.2

Manual Integrations
APPROVED

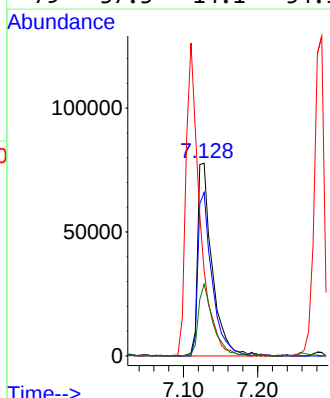
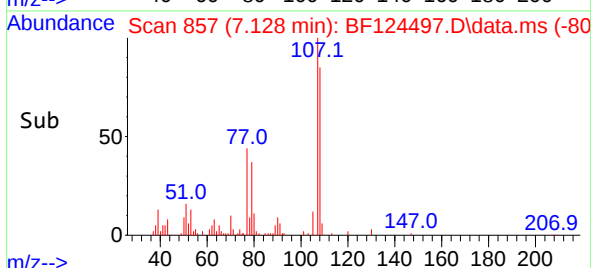
mohammad
7/1/2021 2:51:57 PM

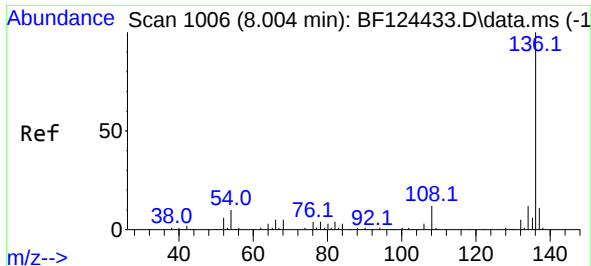


#20
3+4-Methylphenols
Concen: 42.929 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

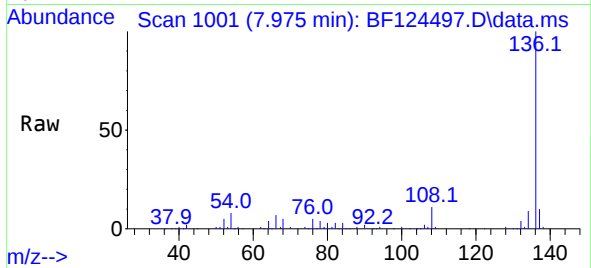


Tgt Ion: 107 Resp: 106081
Ion Ratio Lower Upper
107 100
108 84.8 71.5 111.5
77 44.3 82.0 122.0#
79 37.3 14.1 54.1

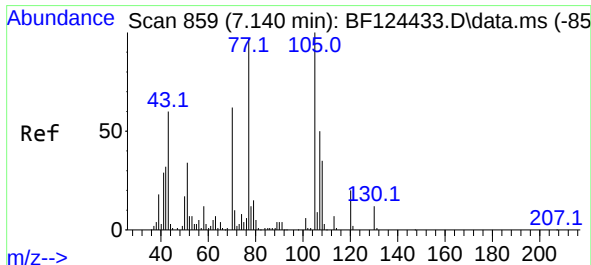
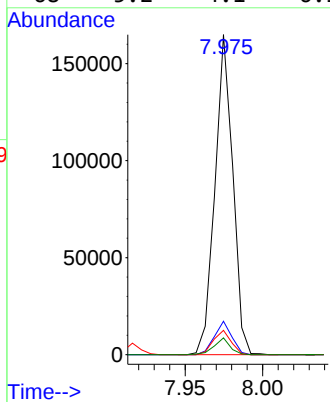
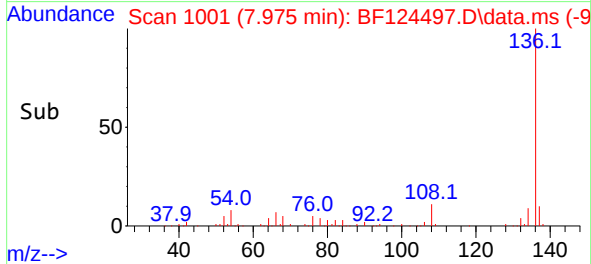




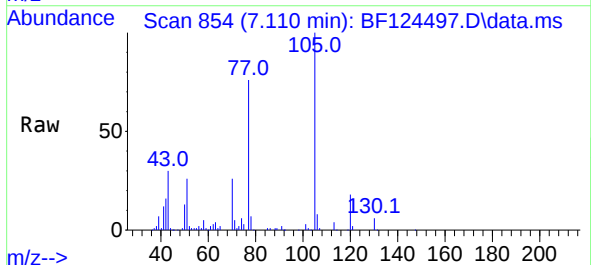
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



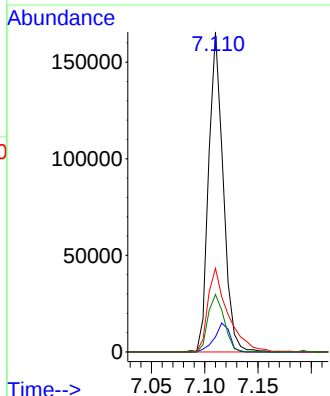
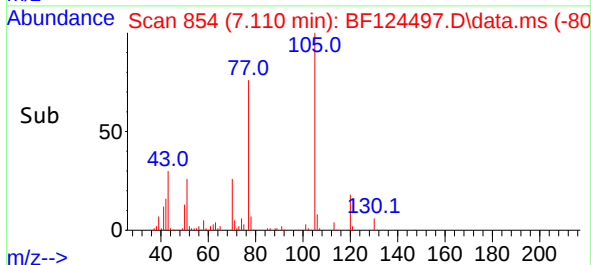
Tgt Ion:136 Resp: 132143
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.6 9.8 14.6#
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 42.717 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



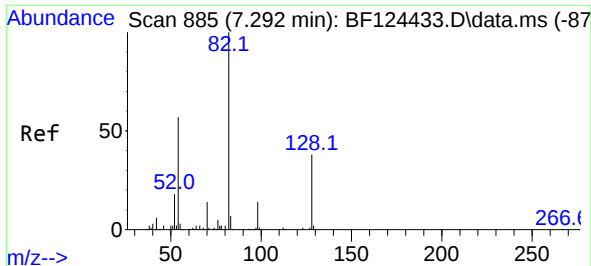
Tgt Ion:105 Resp: 157136
Ion Ratio Lower Upper
105 100
71 4.7 4.2 6.4
51 26.1 33.6 50.4#
120 18.0 16.3 24.5



Instrument :
BNA_F
ClientSampleId :
FS-03MS

Manual Integrations
APPROVED

mohammad
7/1/2021 2:51:57 PM



#23

Nitrobenzene-d5

Concen: 79.895 ng

RT: 7.263 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF124497.D

Acq: 30 Jun 2021 17:39

Tgt Ion: 82 Resp: 254629

Ion	Ratio	Lower	Upper
82	100		
128	39.6	29.4	44.2
54	55.2	54.1	81.1

Instrument :

BNA_F

ClientSampled :

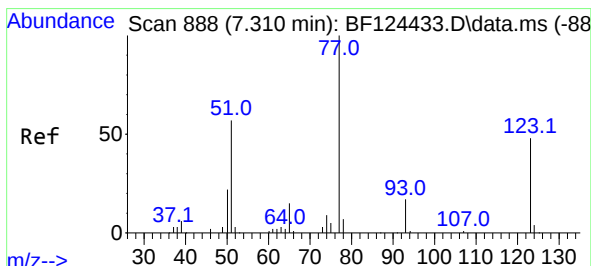
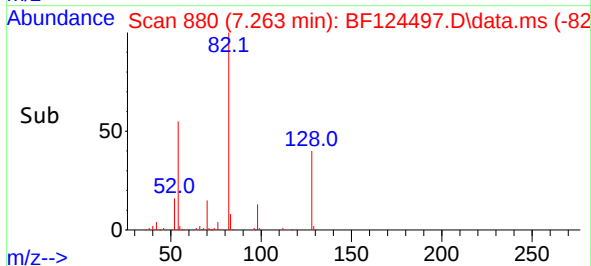
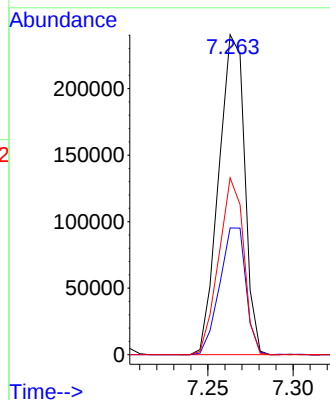
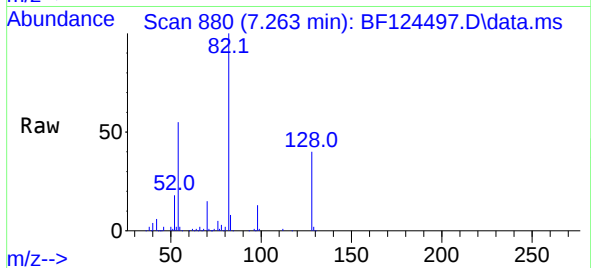
FS-03MS

Manual Integrations

APPROVED

mohammad

7/1/2021 2:51:57 PM



#24

Nitrobenzene

Concen: 38.101 ng

RT: 7.287 min Scan# 884

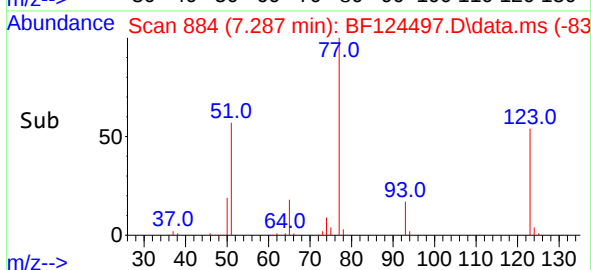
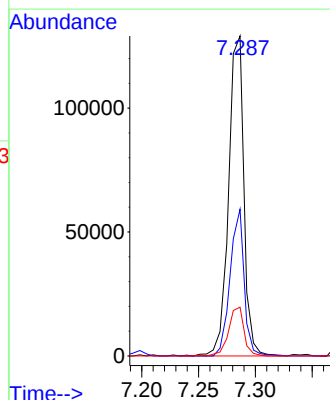
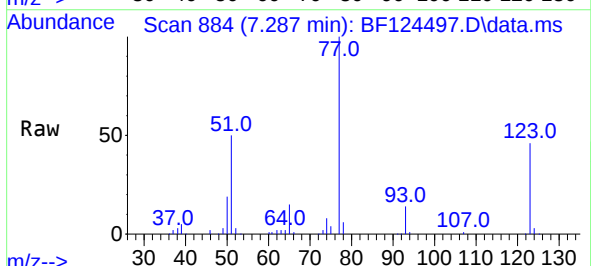
Delta R.T. 0.006 min

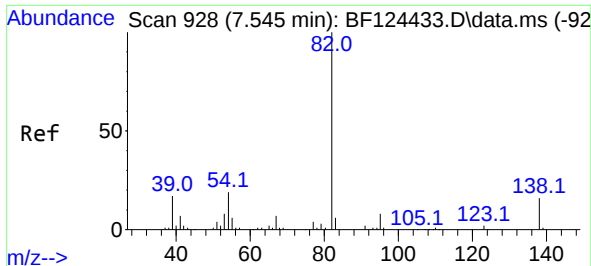
Lab File: BF124497.D

Acq: 30 Jun 2021 17:39

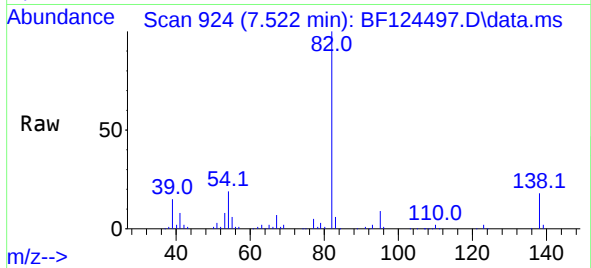
Tgt Ion: 77 Resp: 121311

Ion	Ratio	Lower	Upper
77	100		
123	45.8	34.5	51.7
65	15.3	12.2	18.2

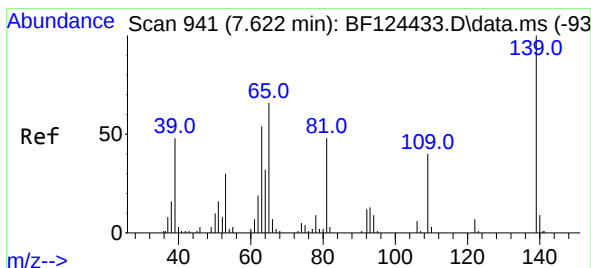
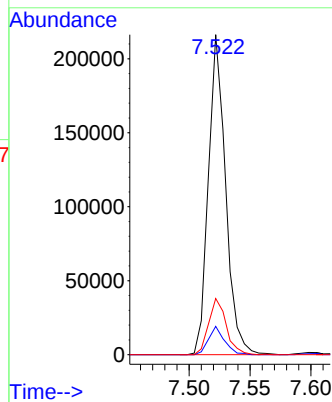
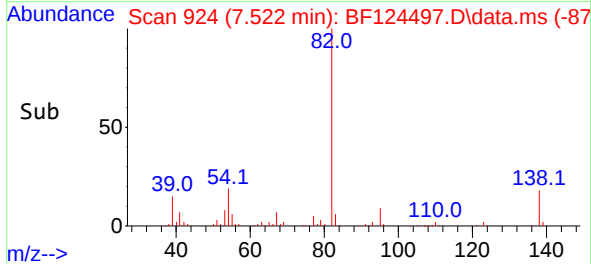




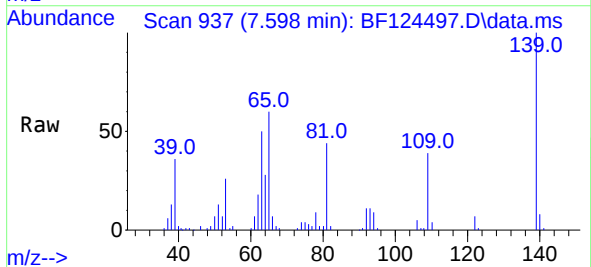
#25
Isophorone
Concen: 38.808 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



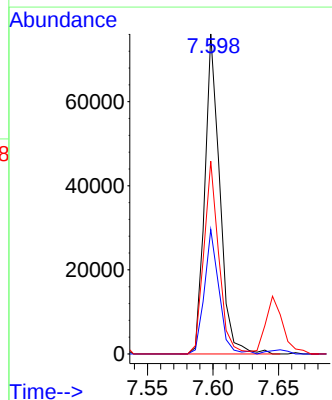
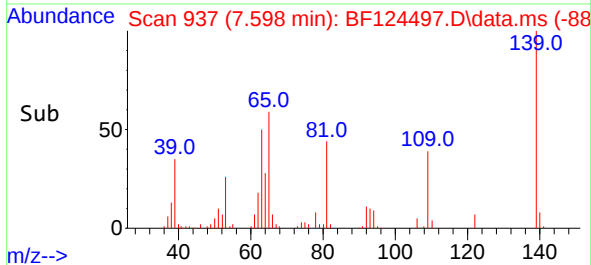
Tgt Ion: 82 Resp: 212644
Ion Ratio Lower Upper
82 100
95 8.9 5.8 8.6#
138 17.5 11.8 17.8



#26
2-Nitrophenol
Concen: 39.251 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



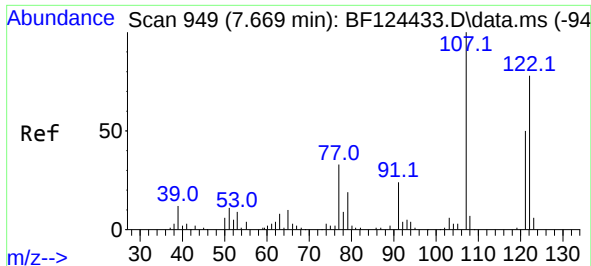
Tgt Ion: 139 Resp: 60787
Ion Ratio Lower Upper
139 100
109 38.9 28.6 43.0
65 60.3 56.8 85.2



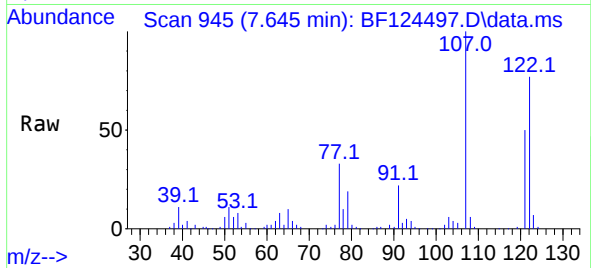
Instrument :
BNA_F
ClientSampled :
FS-03MS

Manual Integrations
APPROVED

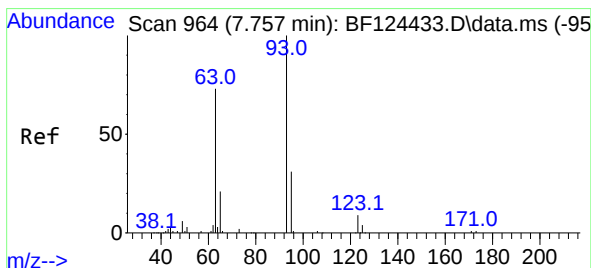
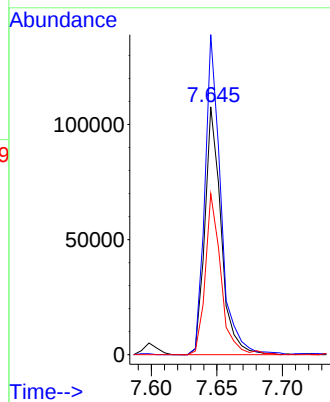
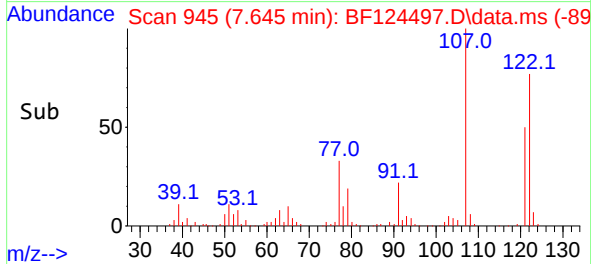
mohammad
7/1/2021 2:51:57 PM



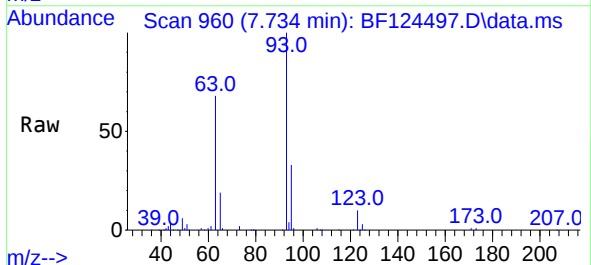
#27
2,4-Dimethylphenol
Concen: 45.129 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



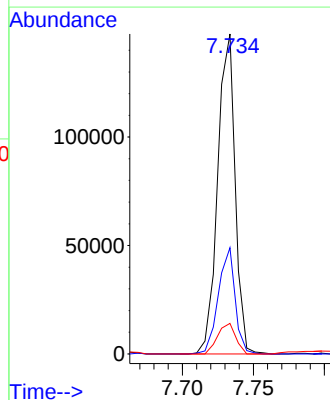
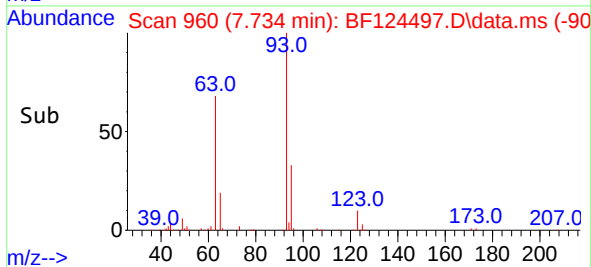
Tgt Ion:122 Resp: 93157
Ion Ratio Lower Upper
122 100
107 129.1 106.3 159.5
121 65.0 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.411 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



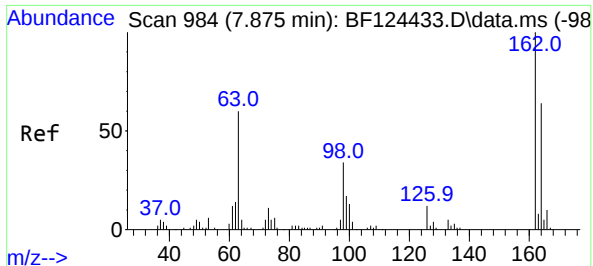
Tgt Ion: 93 Resp: 126124
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 9.5 8.4 12.6



Instrument :
BNA_F
ClientSampleId :
FS-03MS

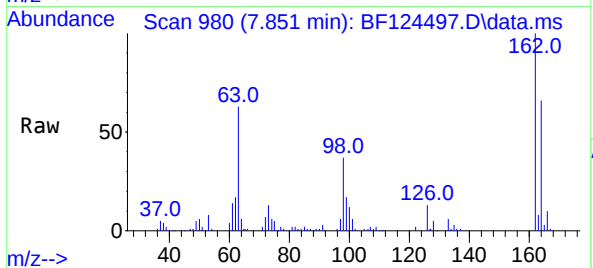
Manual Integrations
APPROVED

mohammad
7/1/2021 2:51:57 PM



#29
2,4-Dichlorophenol
Concen: 40.235 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

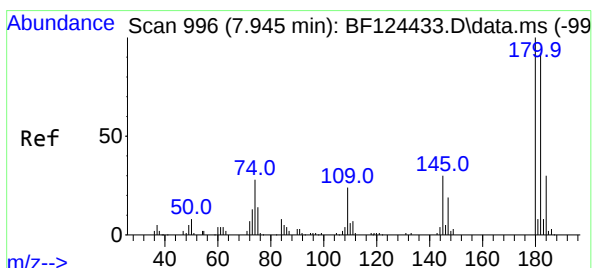
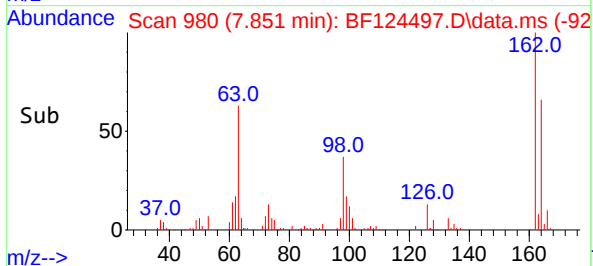
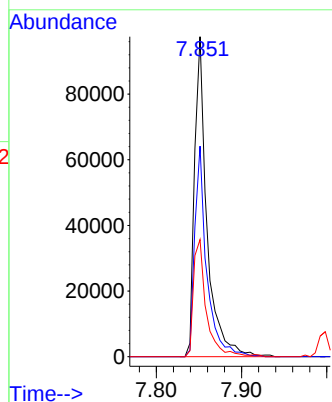
Instrument :
BNA_F
ClientSampled :
FS-03MS



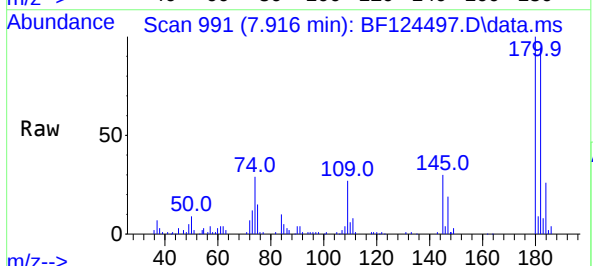
Tgt Ion:162 Resp: 98591
Ion Ratio Lower Upper
162 100
164 65.8 44.1 84.1
98 36.6 27.3 67.3

Manual Integrations
APPROVED

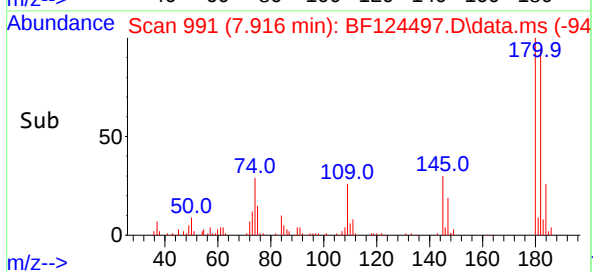
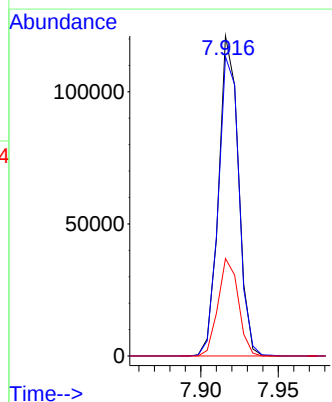
mohammad
7/1/2021 2:51:57 PM

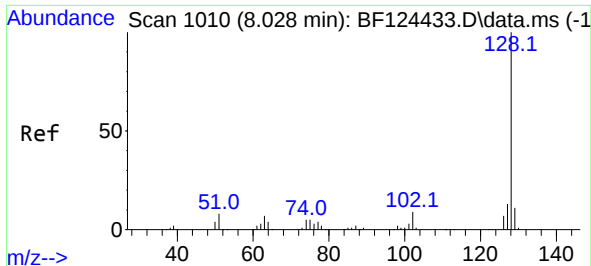


#30
1,2,4-Trichlorobenzene
Concen: 38.683 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



Tgt Ion:180 Resp: 107499
Ion Ratio Lower Upper
180 100
182 93.6 77.2 115.8
145 30.5 26.0 39.0





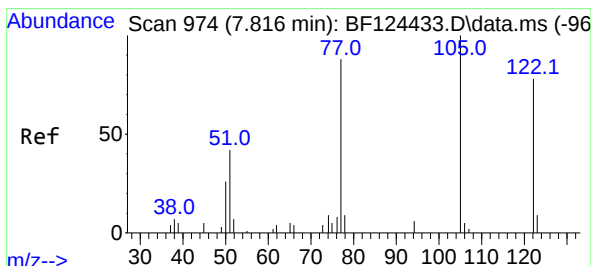
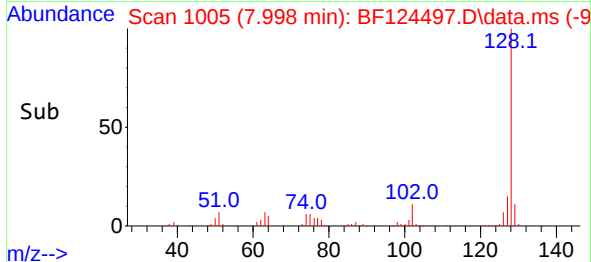
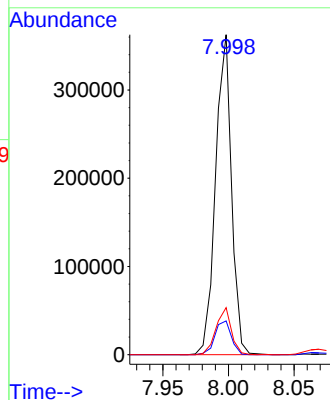
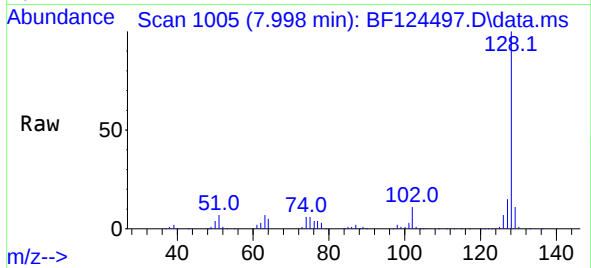
#31
Naphthalene
Concen: 39.267 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:128 Resp: 305277
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 14.7 10.8 16.2

Instrument :
BNA_F
ClientSampled :
FS-03MS

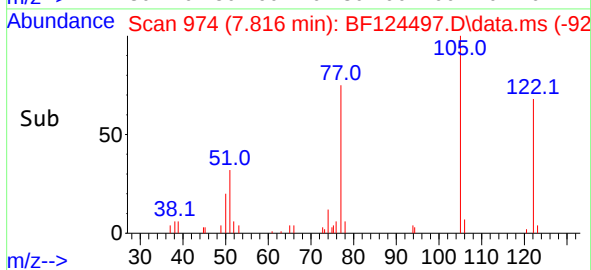
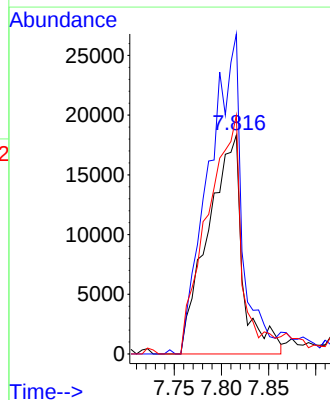
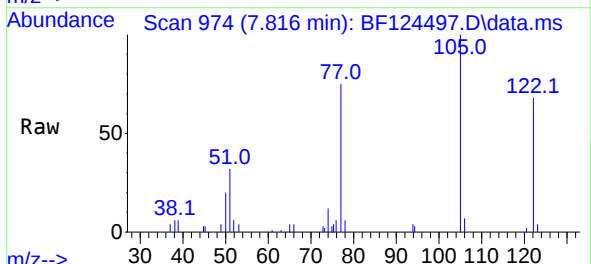
Manual Integrations
APPROVED

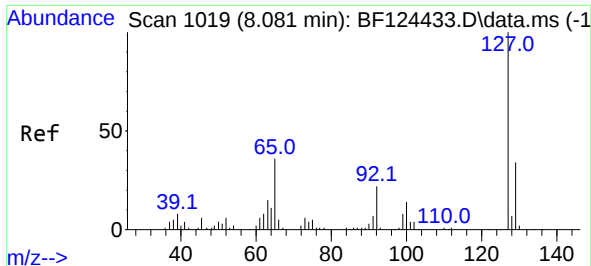
mohammad
7/1/2021 2:51:57 PM



#32
Benzoic acid
Concen: 40.288 ng m
RT: 7.816 min Scan# 974
Delta R.T. 0.018 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:122 Resp: 46920
Ion Ratio Lower Upper
122 100
105 146.4 107.8 147.8
77 109.1 81.6 121.6





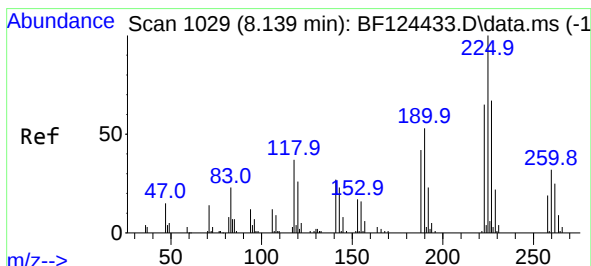
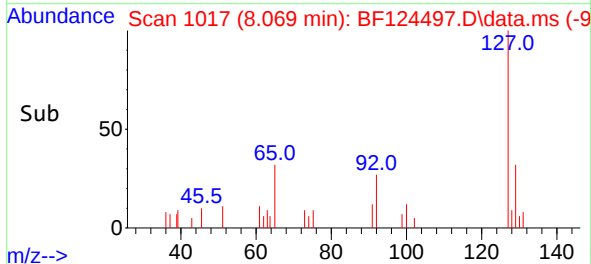
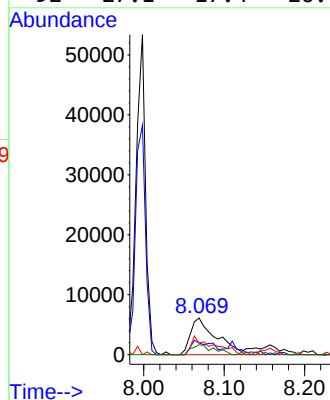
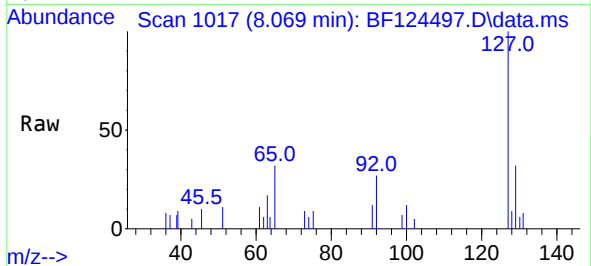
#33
4-Chloroaniline
Concen: 5.627 ng m
RT: 8.069 min Scan# 1017
Delta R.T. 0.012 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:127 Resp: 16432
Ion Ratio Lower Upper
127 100
129 31.7 25.7 38.5
65 32.0 34.5 51.7#
92 27.1 17.4 26.0#

Instrument :
BNA_F
ClientSampled :
FS-03MS

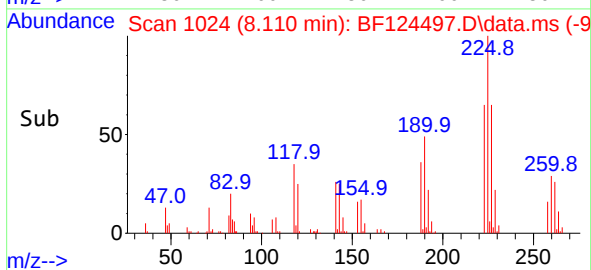
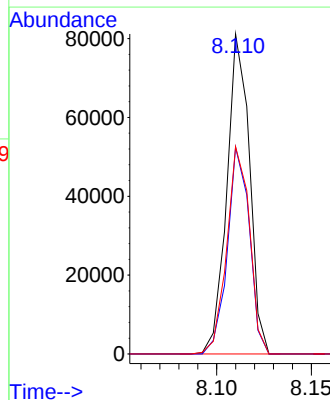
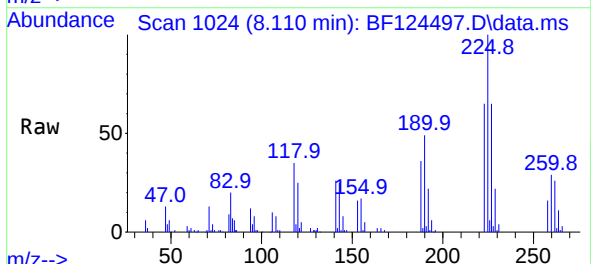
Manual Integrations
APPROVED

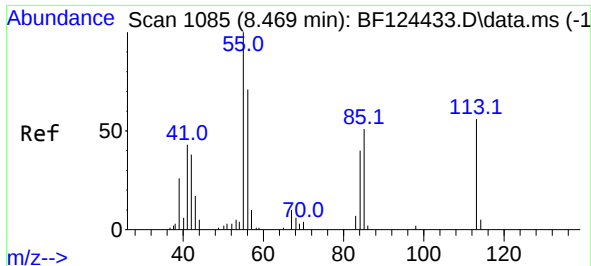
mohammad
7/1/2021 2:51:57 PM



#34
Hexachlorobutadiene
Concen: 36.284 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:225 Resp: 67413
Ion Ratio Lower Upper
225 100
223 64.6 50.4 75.6
227 64.8 51.4 77.0





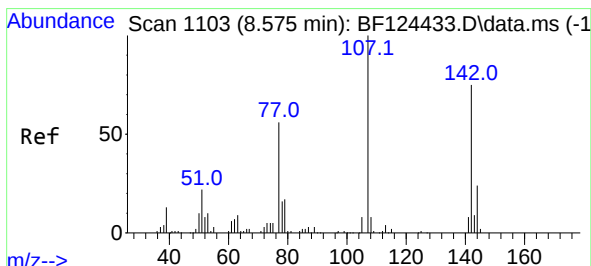
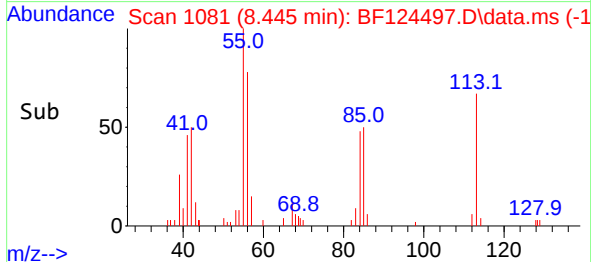
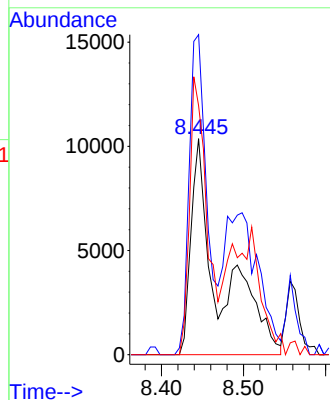
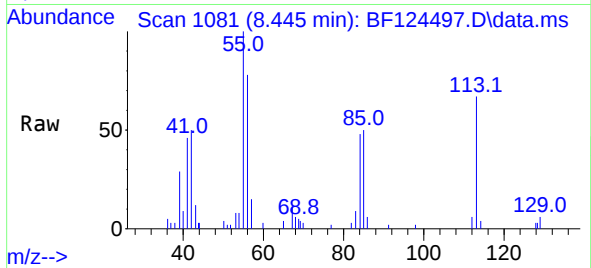
#35
Caprolactam
Concen: 38.754 ng m
RT: 8.445 min Scan# 1081
Delta R.T. 0.012 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:113 Resp: 24885
Ion Ratio Lower Upper
113 100
55 148.2 254.9 294.9#
56 115.3 179.4 219.4#

Instrument :
BNA_F
ClientSampled :
FS-03MS

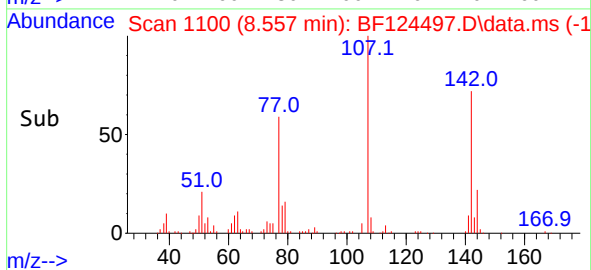
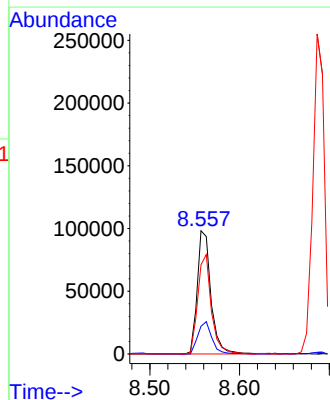
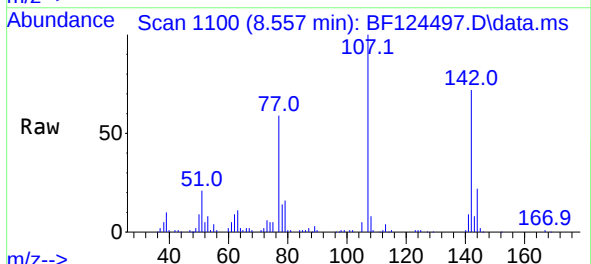
Manual Integrations
APPROVED

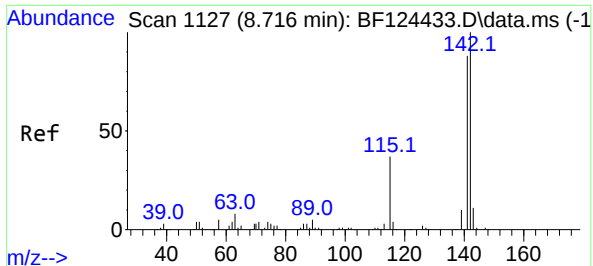
mohammad
7/1/2021 2:51:57 PM



#36
4-Chloro-3-methylphenol
Concen: 42.154 ng
RT: 8.557 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

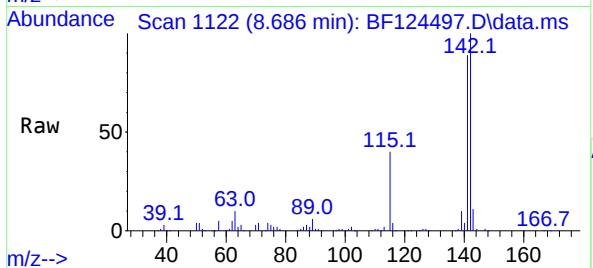
Tgt Ion:107 Resp: 104331
Ion Ratio Lower Upper
107 100
144 22.5 16.3 24.5
142 72.4 50.1 75.1





#37
2-Methylnaphthalene
Concen: 41.278 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

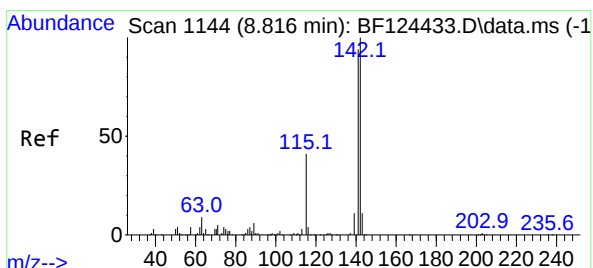
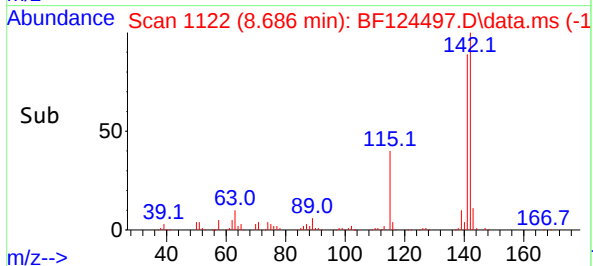
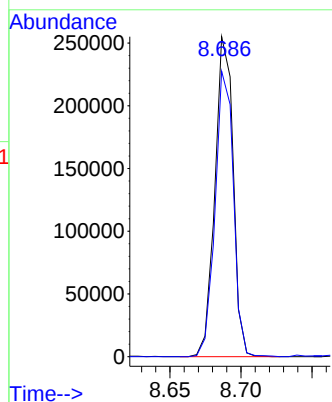
Instrument :
BNA_F
ClientSampled :
FS-03MS



Tgt Ion:142 Resp: 227090
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6

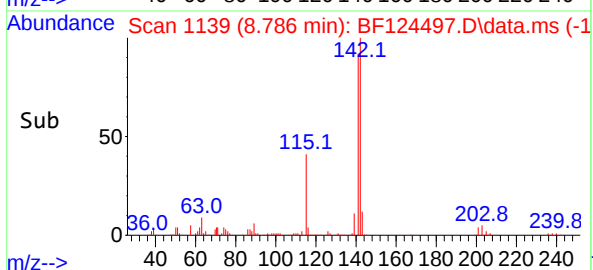
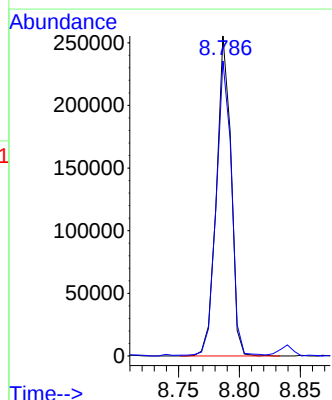
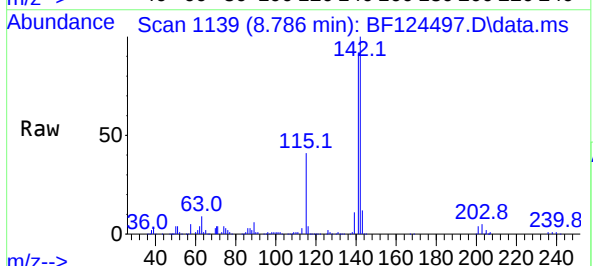
Manual Integrations
APPROVED

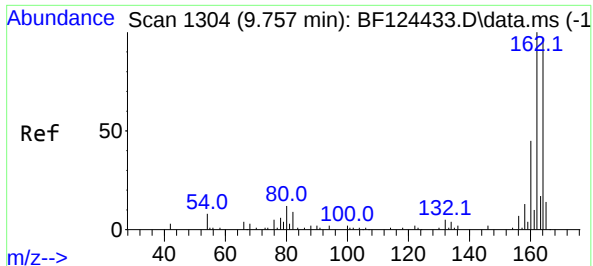
mohammad
7/1/2021 2:51:57 PM



#38
1-Methylnaphthalene
Concen: 41.583 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:142 Resp: 212785
Ion Ratio Lower Upper
142 100
141 92.2 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.728 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF124497.D

Acq: 30 Jun 2021 17:39

Tgt Ion:164 Resp: 80429

Ion Ratio Lower Upper

164 100

162 96.9 80.7 121.1

160 40.8 37.3 55.9

Instrument :

BNA_F

ClientSampled :

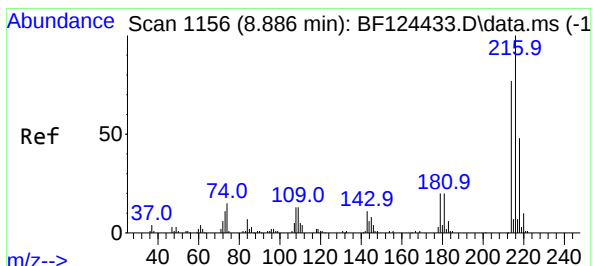
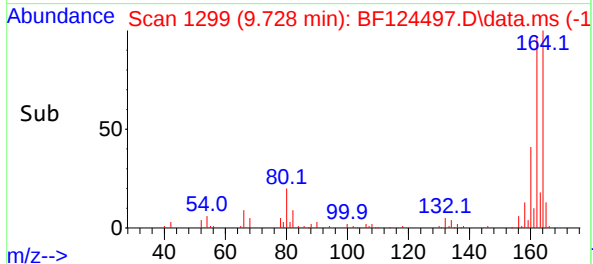
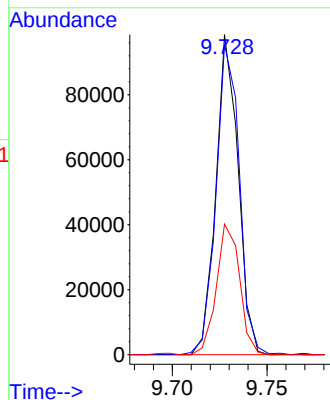
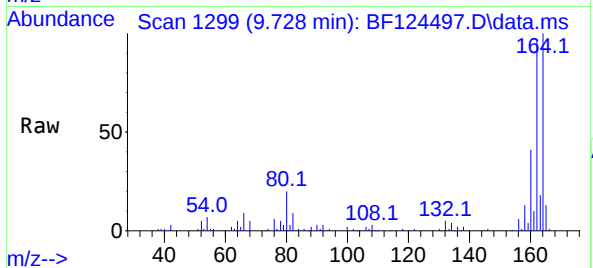
FS-03MS

Manual Integrations

APPROVED

mohammad

7/1/2021 2:51:57 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.650 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF124497.D

Acq: 30 Jun 2021 17:39

Tgt Ion:216 Resp: 117497

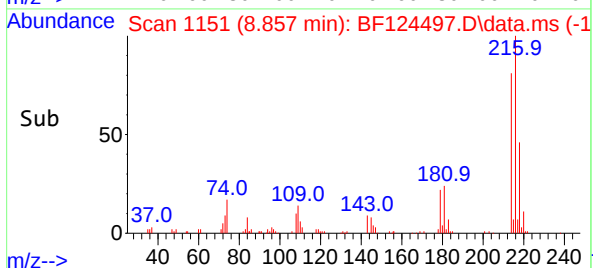
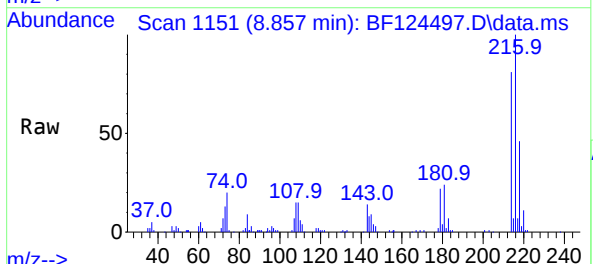
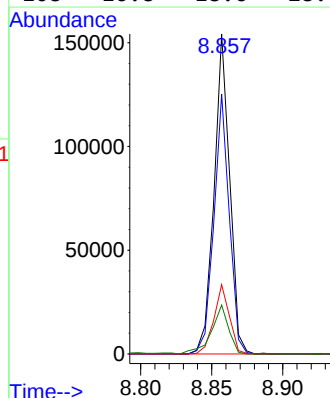
Ion Ratio Lower Upper

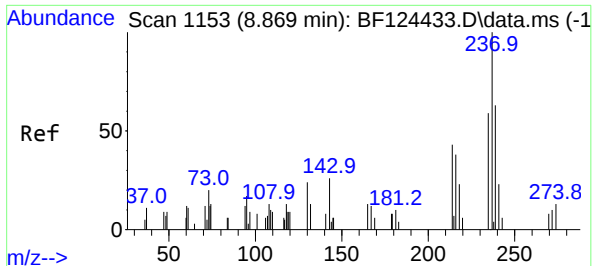
216 100

214 79.8 63.8 95.8

179 21.5 17.9 26.9

108 16.8 18.6 28.0#





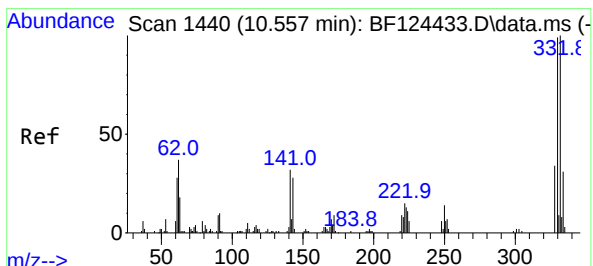
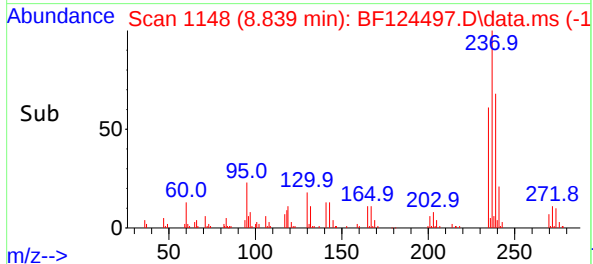
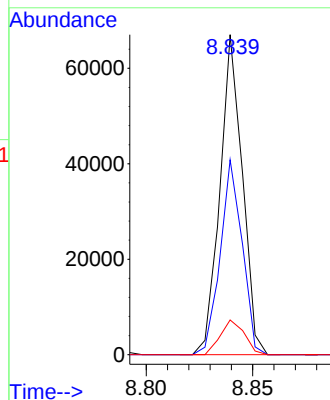
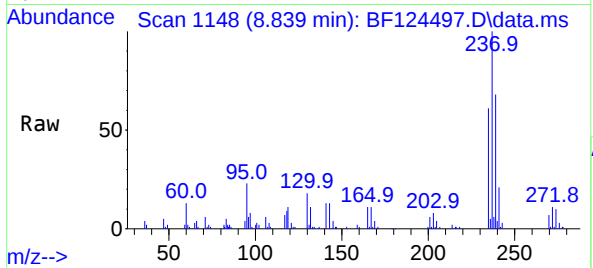
#41
Hexachlorocyclopentadiene
Concen: 218.583 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:	237	Resp:	49024
Ion	Ratio	Lower	Upper
237	100		
235	60.9	38.8	78.8
272	10.9	0.0	32.4

Instrument :
BNA_F
ClientSampled :
FS-03MS

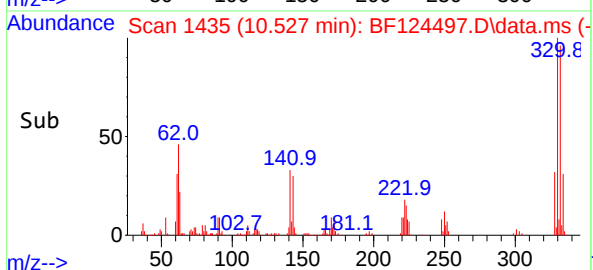
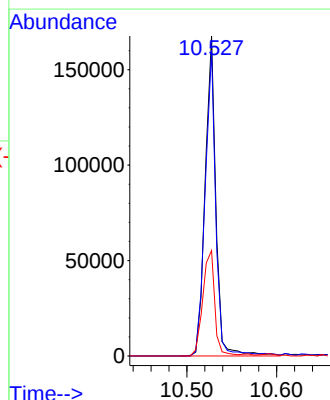
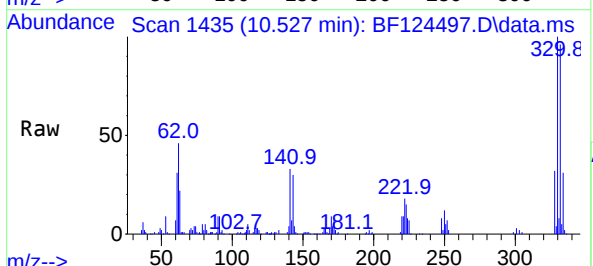
Manual Integrations
APPROVED

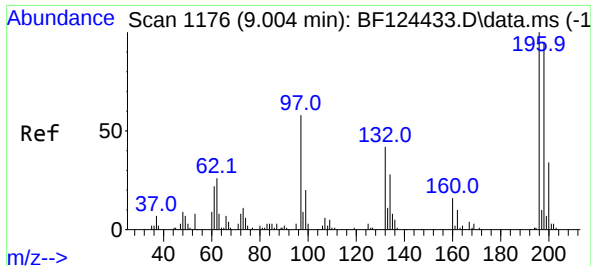
mohammad
7/1/2021 2:51:57 PM



#42
2,4,6-Tribromophenol
Concen: 145.093 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

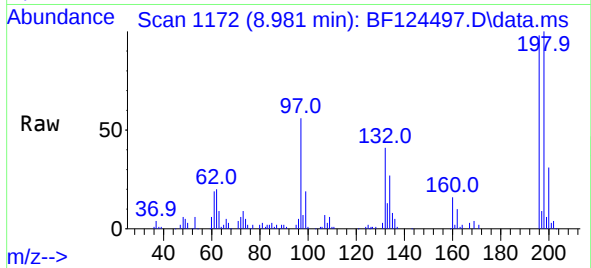
Tgt Ion:	330	Resp:	139422
Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.1	115.7
141	36.5	27.9	41.9





#43
2,4,6-Trichlorophenol
Concen: 39.531 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

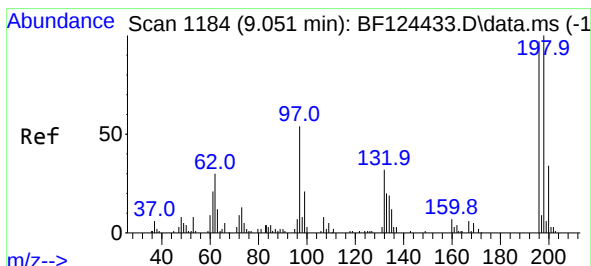
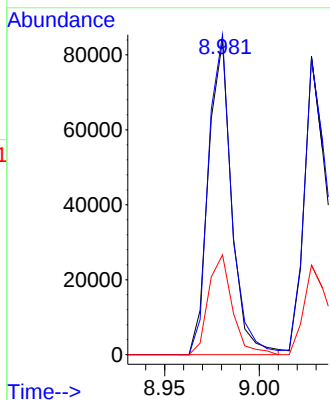
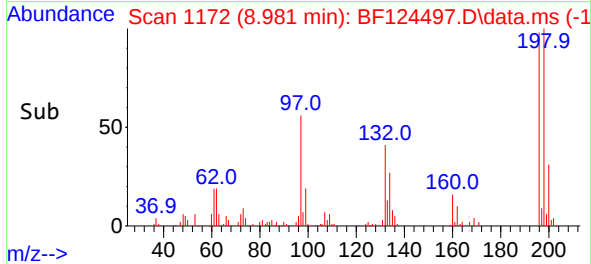
Instrument :
BNA_F
ClientSampled :
FS-03MS



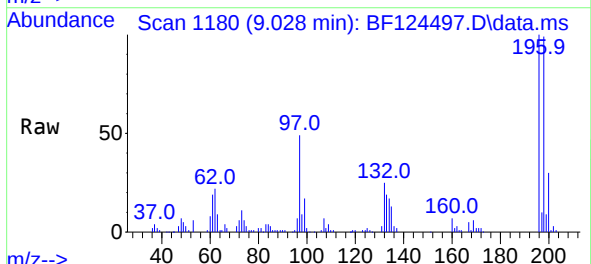
Tgt Ion:196 Resp: 71705
Ion Ratio Lower Upper
196 100
198 101.8 78.2 117.2
200 31.8 25.0 37.6

Manual Integrations
APPROVED

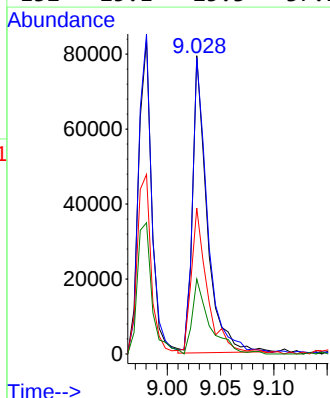
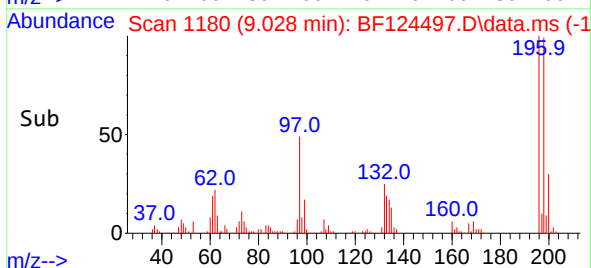
mohammad
7/1/2021 2:51:57 PM

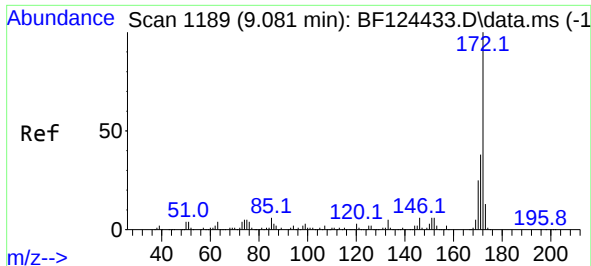


#44
2,4,5-Trichlorophenol
Concen: 39.506 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



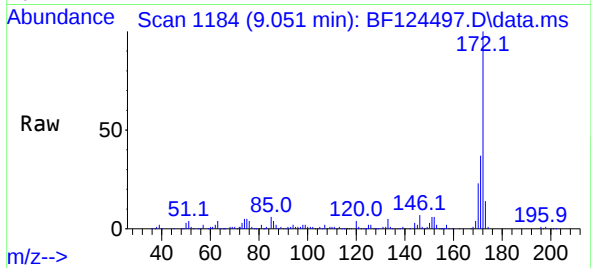
Tgt Ion:196 Resp: 75611
Ion Ratio Lower Upper
196 100
198 99.3 76.5 114.7
97 48.9 52.9 79.3#
132 25.1 25.3 37.9#





#45
2-Fluorobiphenyl
Concen: 80.682 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

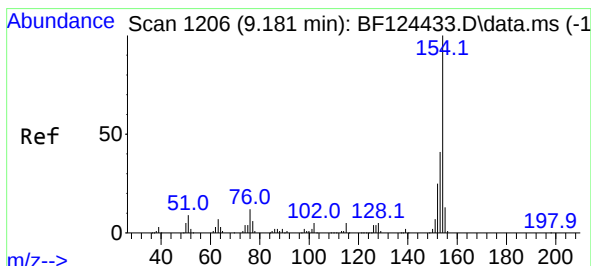
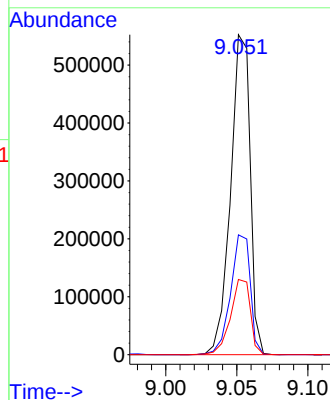
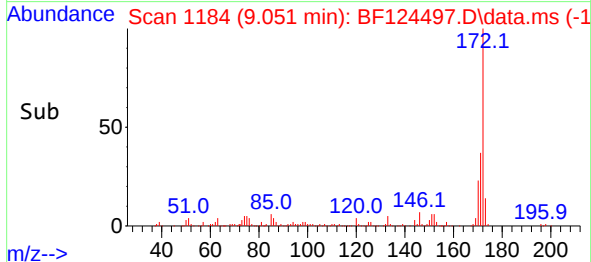
Instrument :
BNA_F
ClientSampled :
FS-03MS



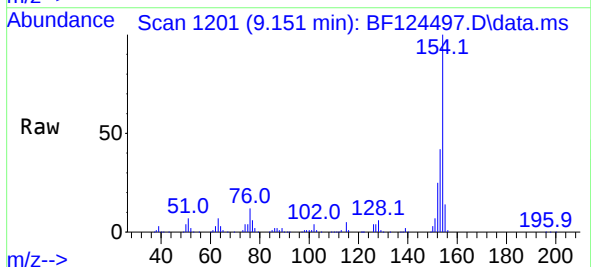
Tgt Ion:172 Resp: 529736
Ion Ratio Lower Upper
172 100
171 37.4 28.1 42.1
170 23.5 19.2 28.8

Manual Integrations
APPROVED

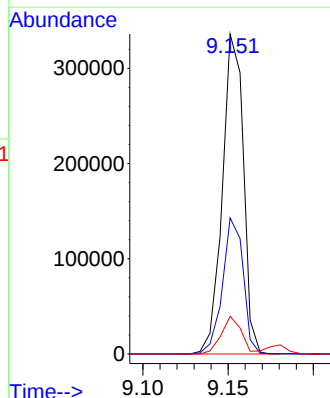
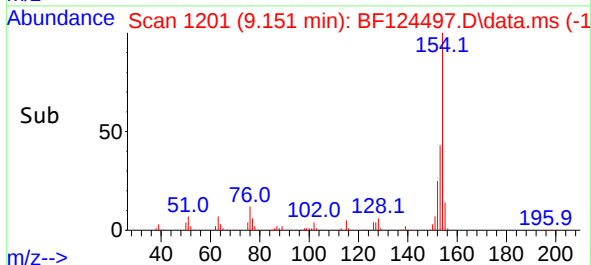
mohammad
7/1/2021 2:51:57 PM

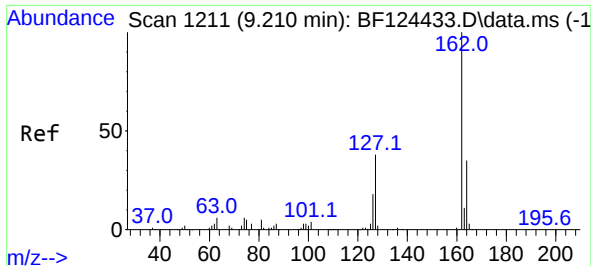


#46
1,1'-Biphenyl
Concen: 42.147 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



Tgt Ion:154 Resp: 288111
Ion Ratio Lower Upper
154 100
153 42.5 20.7 60.7
76 11.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 39.699 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF124497.D

Acq: 30 Jun 2021 17:39

Tgt Ion: 162 Resp: 221981

Ion Ratio Lower Upper

162 100

127 38.0 36.2 54.2

164 31.9 25.4 38.2

Instrument :

BNA_F

ClientSampled :

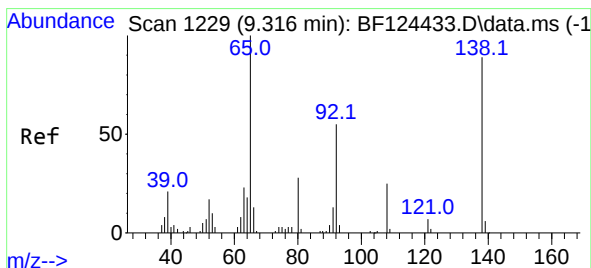
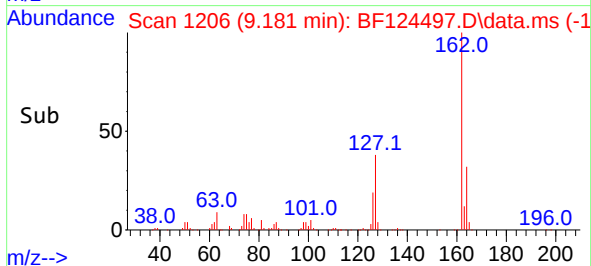
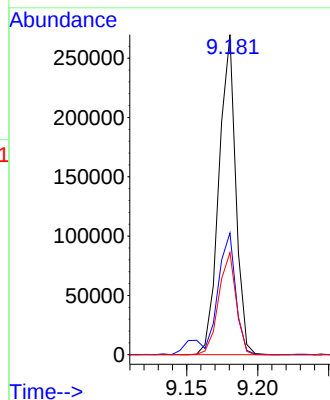
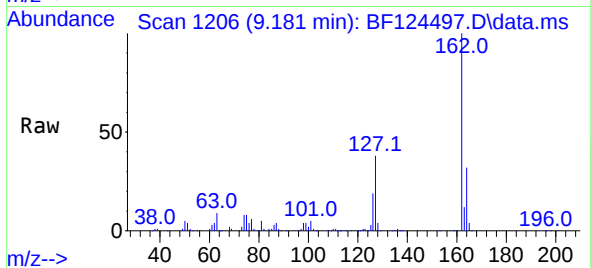
FS-03MS

Manual Integrations

APPROVED

mohammad

7/1/2021 2:51:57 PM



#48

2-Nitroaniline

Concen: 43.796 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF124497.D

Acq: 30 Jun 2021 17:39

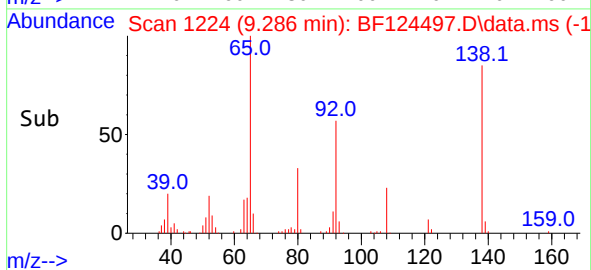
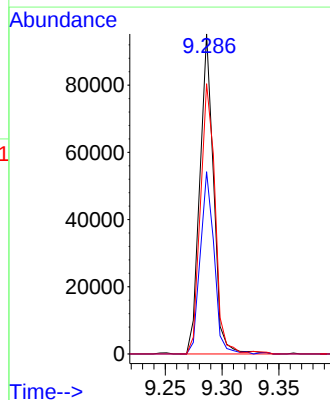
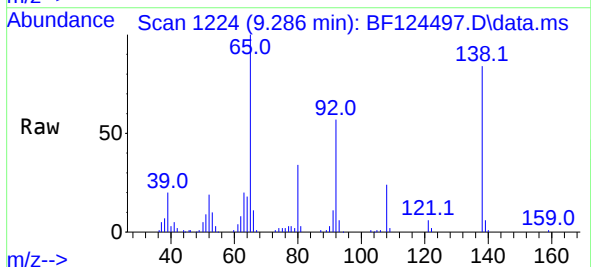
Tgt Ion: 65 Resp: 80560

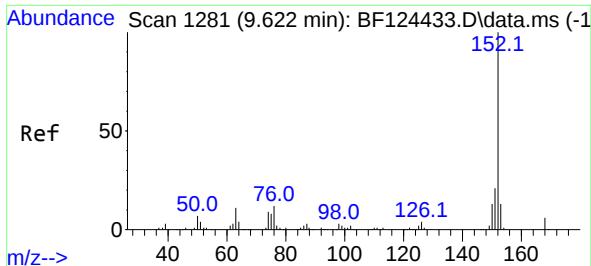
Ion Ratio Lower Upper

65 100

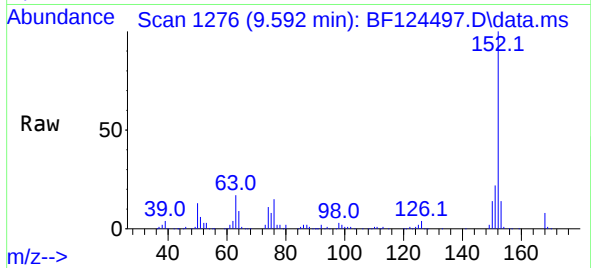
92 57.0 47.1 70.7

138 84.4 70.2 105.2

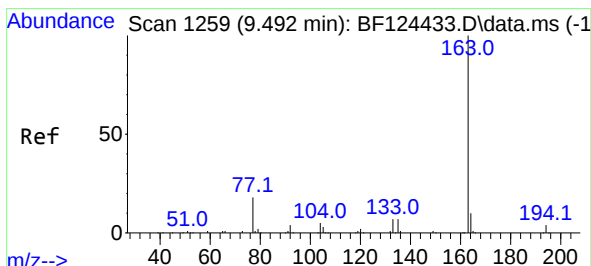
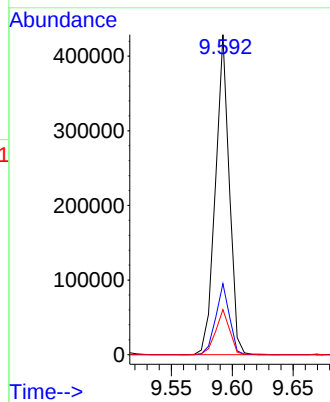
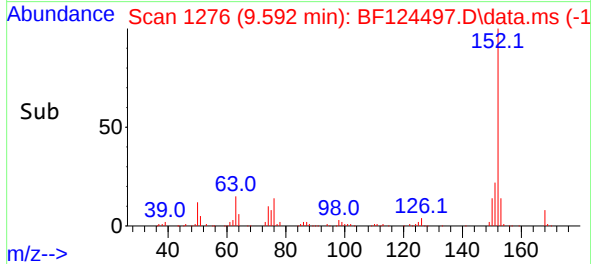




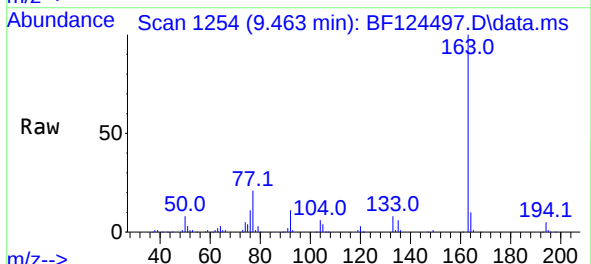
#49
Acenaphthylene
Concen: 42.002 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



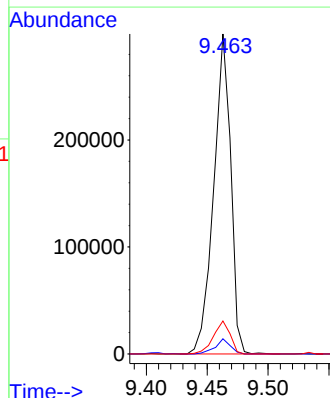
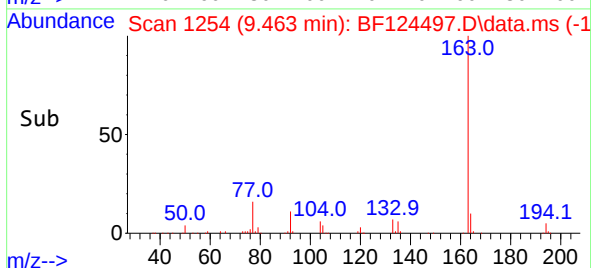
Tgt Ion:152 Resp: 339483
Ion Ratio Lower Upper
152 100
151 22.2 16.0 24.0
153 14.1 10.4 15.6



#50
Dimethylphthalate
Concen: 45.936 ng
RT: 9.463 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



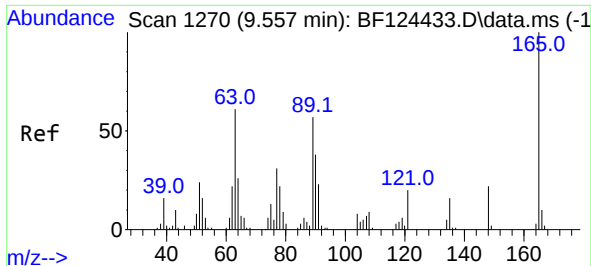
Tgt Ion:163 Resp: 291290
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7#
164 10.3 8.2 12.2



Instrument :
BNA_F
ClientSampleId :
FS-03MS

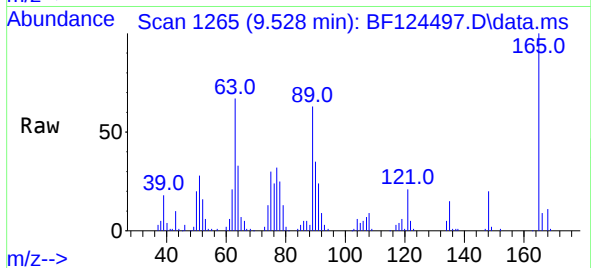
Manual Integrations
APPROVED

mohammad
7/1/2021 2:51:57 PM



#51
2,6-Dinitrotoluene
Concen: 45.206 ng
RT: 9.528 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

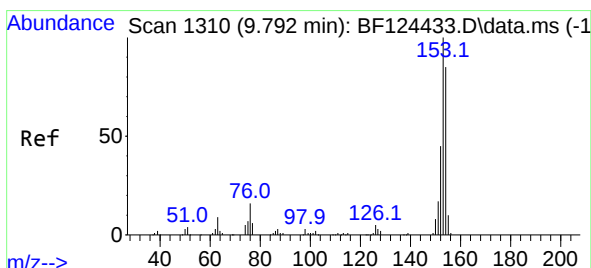
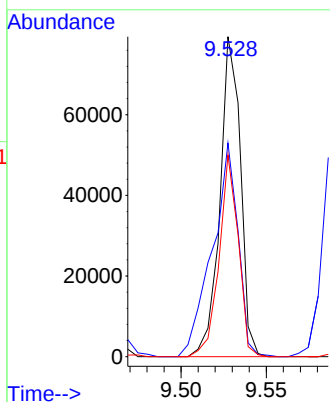
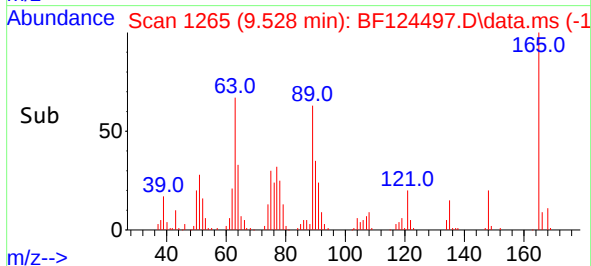
Instrument :
BNA_F
ClientSampled :
FS-03MS



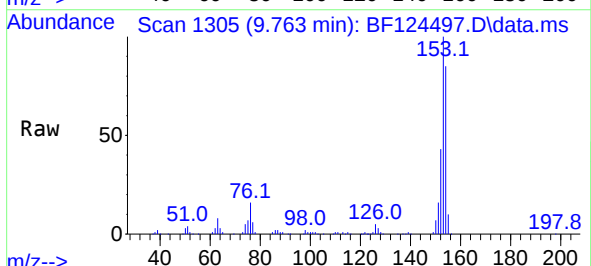
Tgt Ion:165 Resp: 66217
Ion Ratio Lower Upper
165 100
63 66.7 67.7 101.5#
89 63.1 58.8 88.2

Manual Integrations
APPROVED

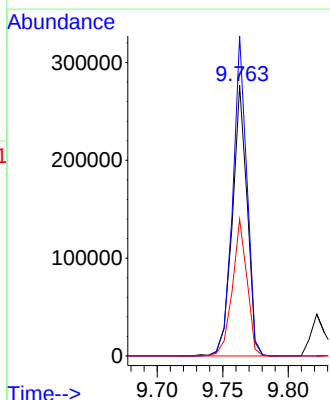
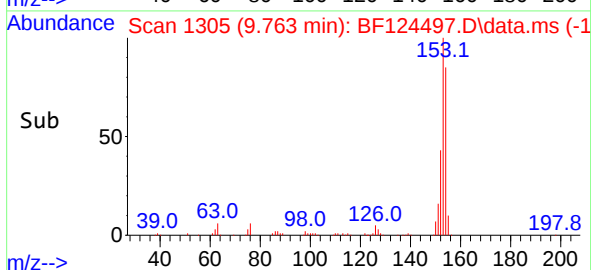
mohammad
7/1/2021 2:51:57 PM

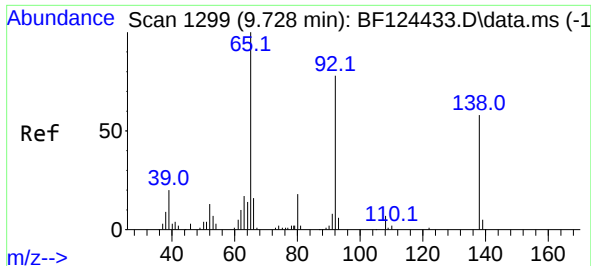


#52
Acenaphthene
Concen: 42.260 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



Tgt Ion:154 Resp: 216885
Ion Ratio Lower Upper
154 100
153 118.3 88.1 132.1
152 50.5 43.4 65.0





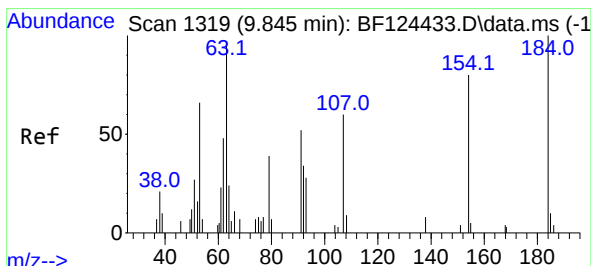
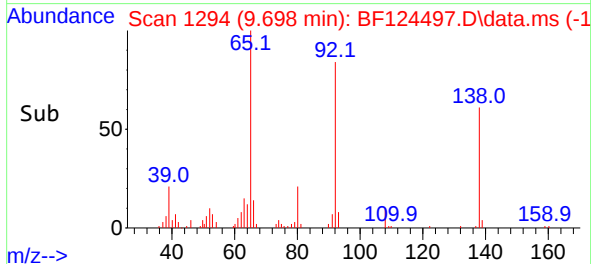
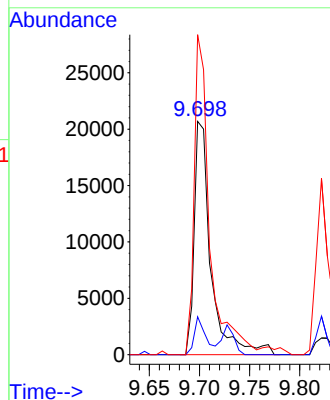
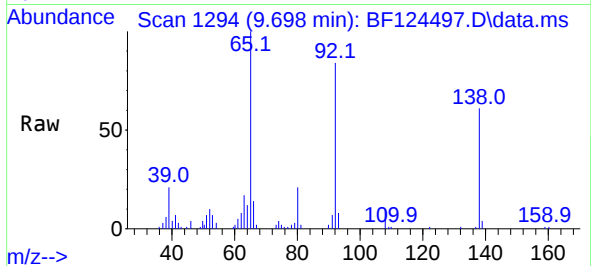
#53
3-Nitroaniline
Concen: 18.442 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:138 Resp: 23912
Ion Ratio Lower Upper
138 100
108 16.2 10.2 15.4#
92 137.1 103.3 154.9

Instrument :
BNA_F
ClientSampled :
FS-03MS

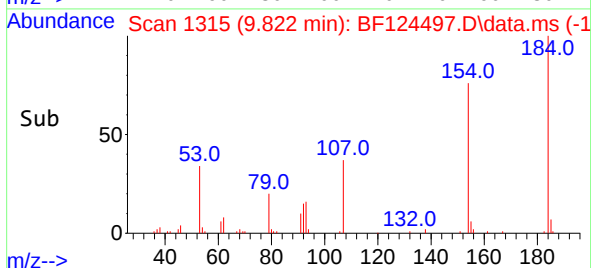
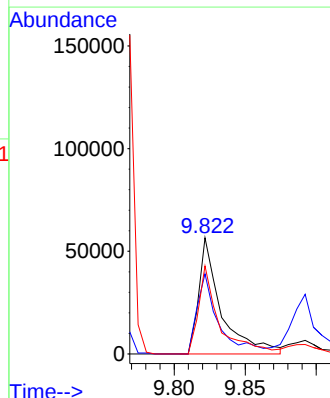
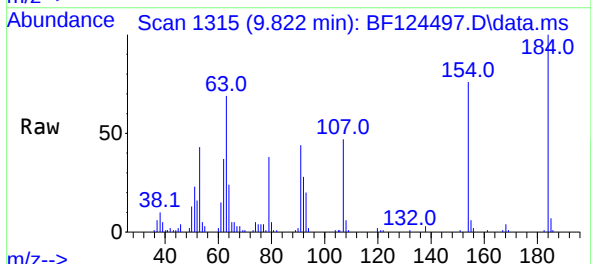
Manual Integrations
APPROVED

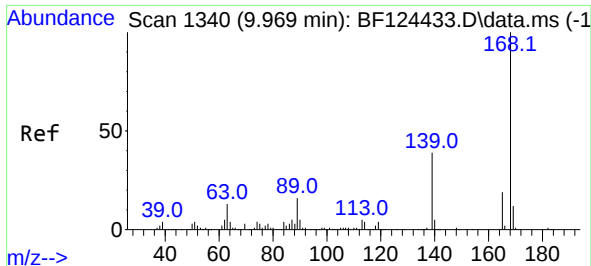
mohammad
7/1/2021 2:51:57 PM



#54
2,4-Dinitrophenol
Concen: 93.906 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

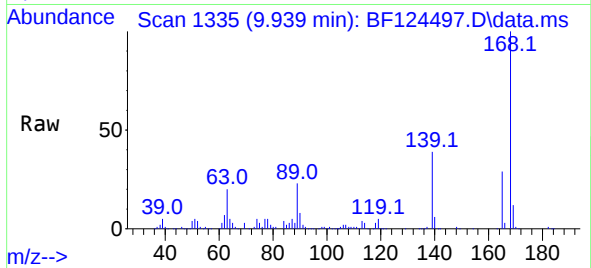
Tgt Ion:184 Resp: 62571
Ion Ratio Lower Upper
184 100
63 69.0 73.5 110.3#
154 75.8 52.5 78.7





#55
Dibenzenofuran
Concen: 42.326 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

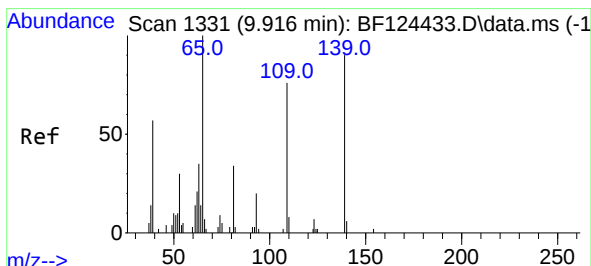
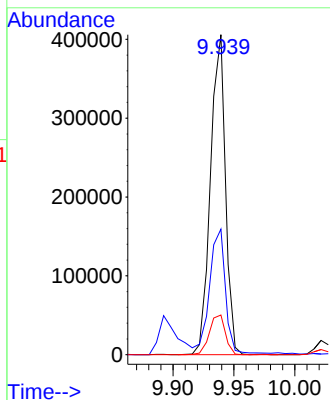
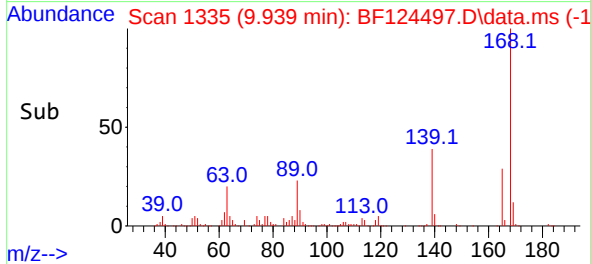
Instrument :
BNA_F
ClientSampled :
FS-03MS



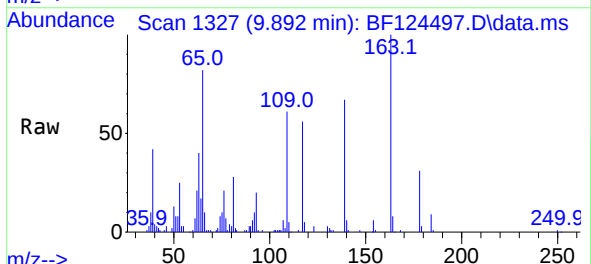
Tgt Ion:168 Resp: 346228
Ion Ratio Lower Upper
168 100
139 39.3 33.2 49.8
169 12.4 10.8 16.2

Manual Integrations
APPROVED

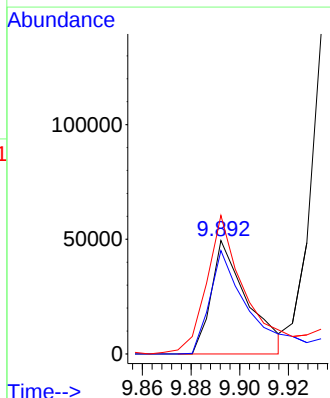
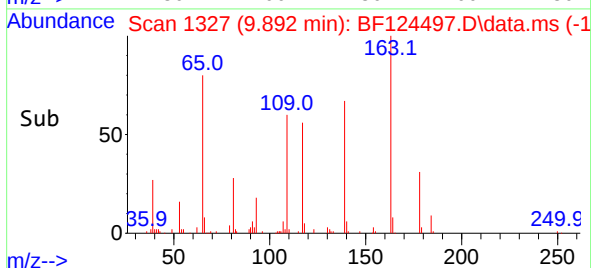
mohammad
7/1/2021 2:51:57 PM

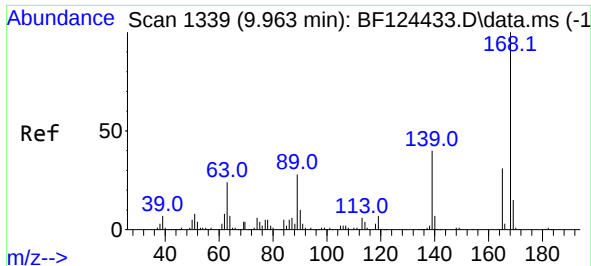


#56
4-Nitrophenol
Concen: 74.895 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



Tgt Ion:139 Resp: 50944
Ion Ratio Lower Upper
139 100
109 91.1 63.2 103.2
65 122.2 110.0 150.0





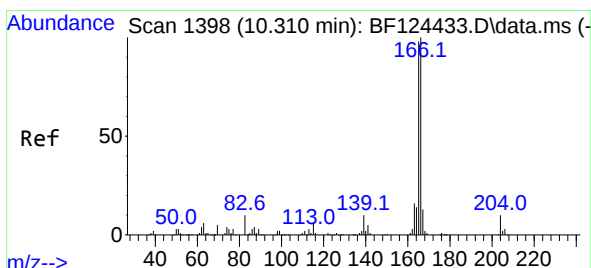
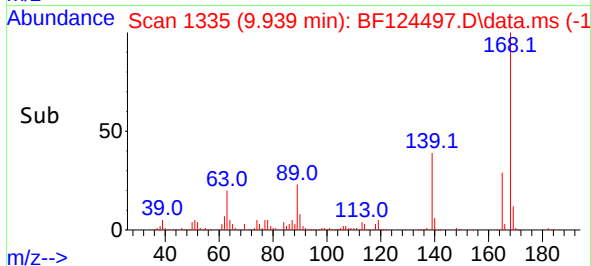
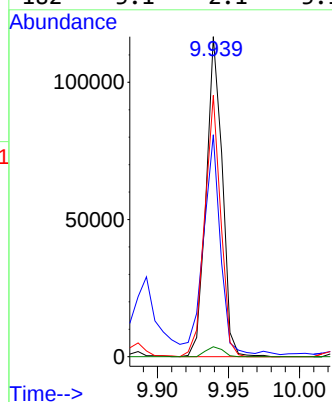
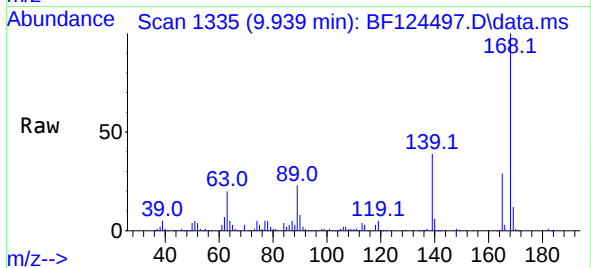
#57
2,4-Dinitrotoluene
Concen: 47.326 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:165 Resp: 91888
Ion Ratio Lower Upper
165 100
63 69.4 43.5 65.3#
89 81.7 67.7 101.5
182 3.1 2.1 3.1

Instrument :
BNA_F
ClientSampled :
FS-03MS

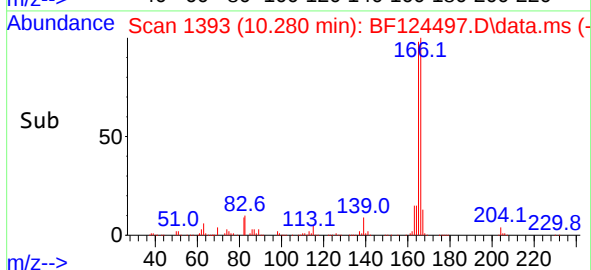
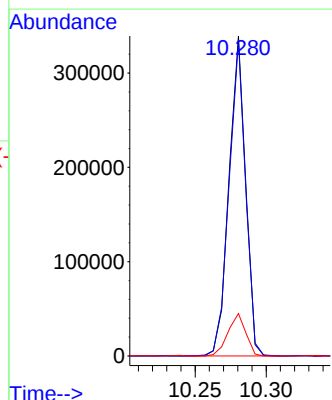
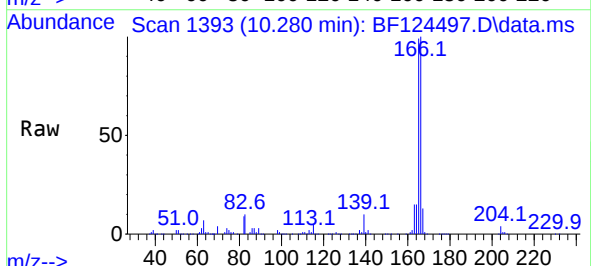
Manual Integrations
APPROVED

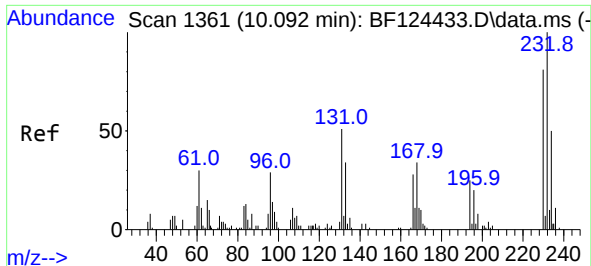
mohammad
7/1/2021 2:51:57 PM



#58
Fluorene
Concen: 43.820 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:166 Resp: 275421
Ion Ratio Lower Upper
166 100
165 98.6 73.5 110.3
167 13.2 10.7 16.1





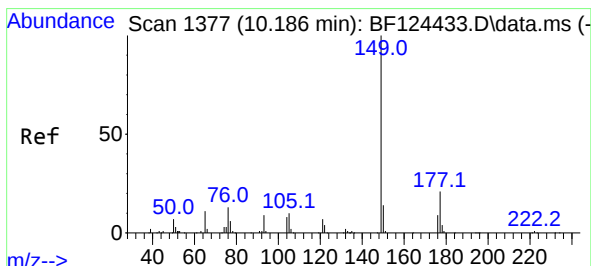
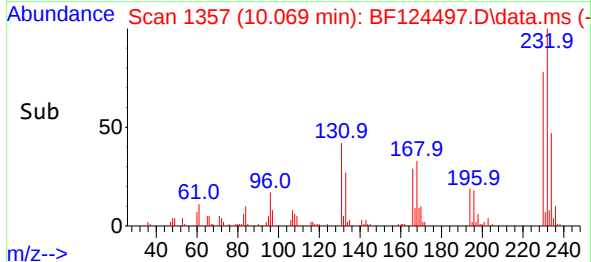
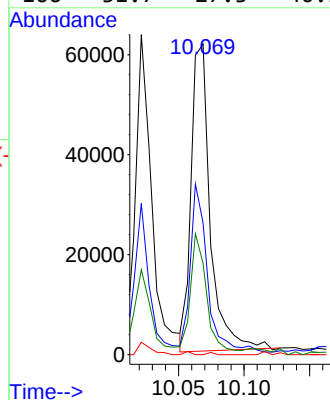
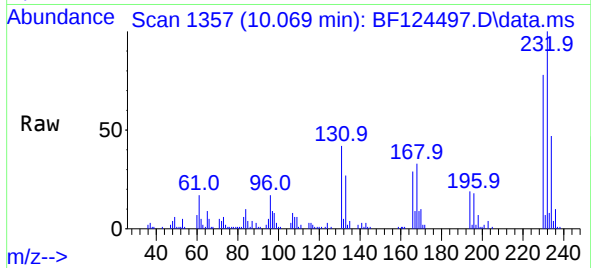
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.576 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:232 Resp: 62395
Ion Ratio Lower Upper
232 100
131 51.5 43.2 64.8
130 0.3 2.2 3.2#
166 31.7 27.3 40.9

Instrument :
BNA_F
ClientSampleId :
FS-03MS

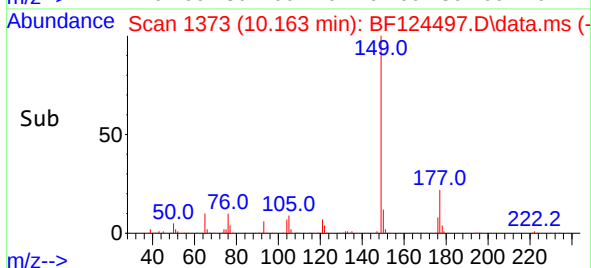
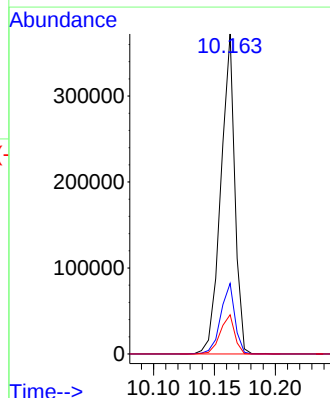
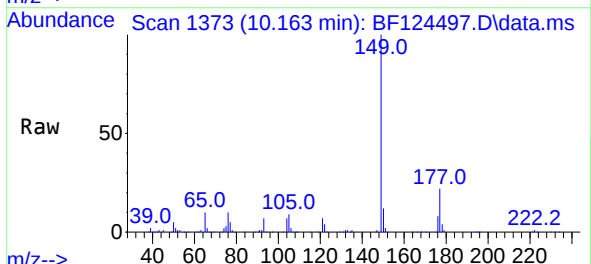
Manual Integrations
APPROVED

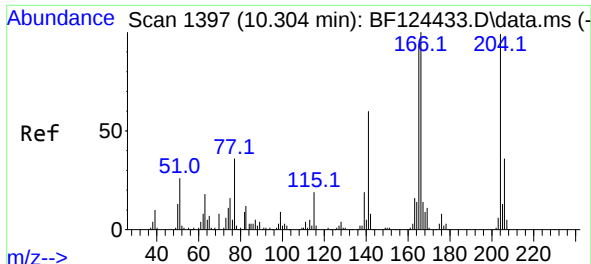
mohammad
7/1/2021 2:51:57 PM



#60
Diethylphthalate
Concen: 47.235 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

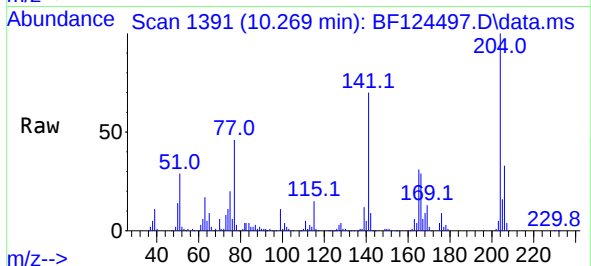
Tgt Ion:149 Resp: 298042
Ion Ratio Lower Upper
149 100
177 22.1 15.4 23.2
150 12.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.946 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

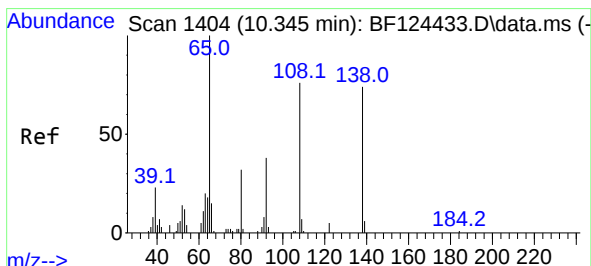
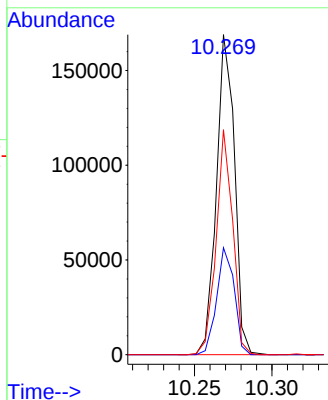
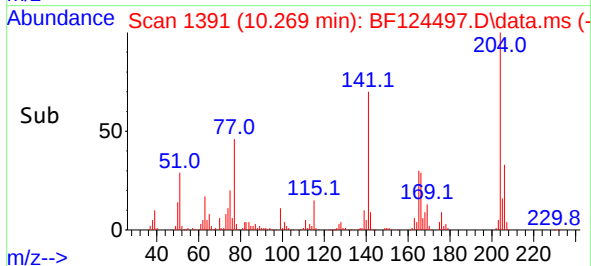
Instrument :
BNA_F
ClientSampled :
FS-03MS



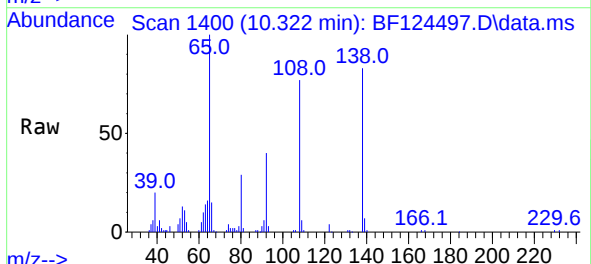
Tgt Ion:204 Resp: 136884
Ion Ratio Lower Upper
204 100
206 33.4 25.7 38.5
141 70.3 55.5 83.3

Manual Integrations
APPROVED

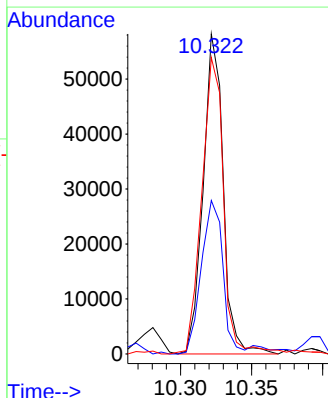
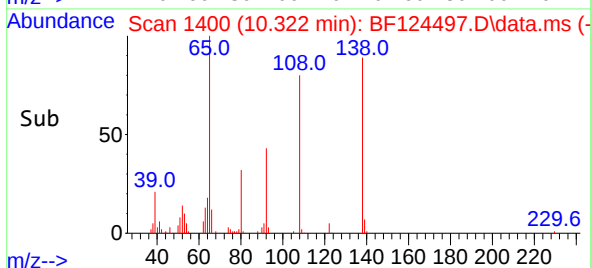
mohammad
7/1/2021 2:51:57 PM

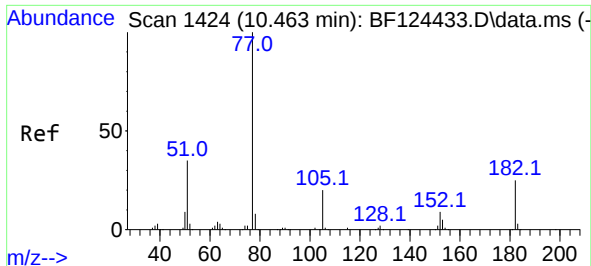


#62
4-Nitroaniline
Concen: 45.937 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



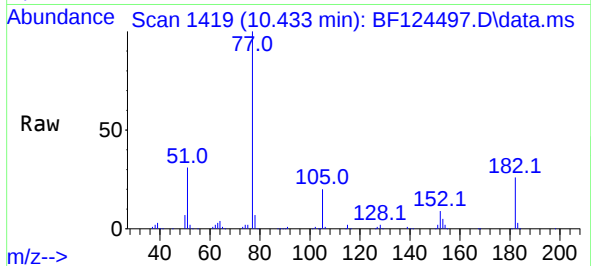
Tgt Ion:138 Resp: 57307
Ion Ratio Lower Upper
138 100
92 48.0 35.8 75.8
108 92.6 63.6 103.6





#63
Azobenzene
Concen: 43.178 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Instrument :
BNA_F
ClientSampled :
FS-03MS

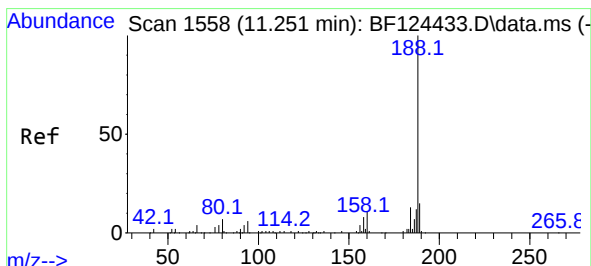
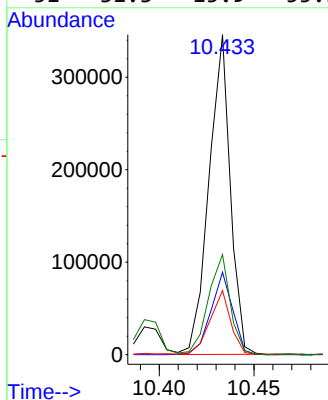
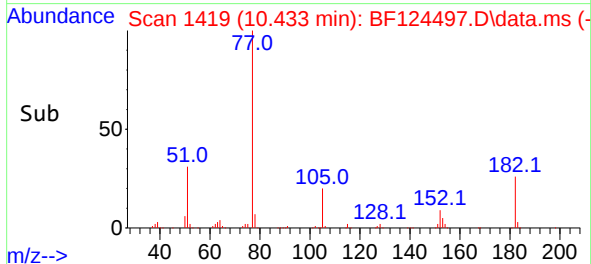


Tgt Ion: 77 Resp: 271195

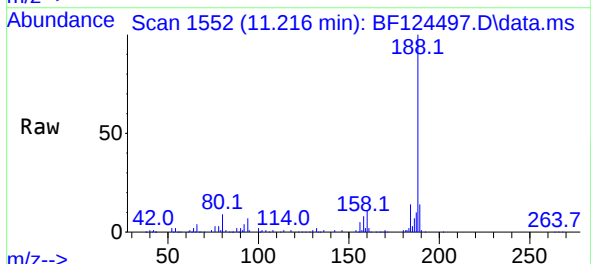
Ion	Ratio	Lower	Upper
77	100		
182	25.8	1.7	41.7
105	20.1	1.7	41.7
51	31.3	15.9	55.9

Manual Integrations
APPROVED

mohammad
7/1/2021 2:51:57 PM

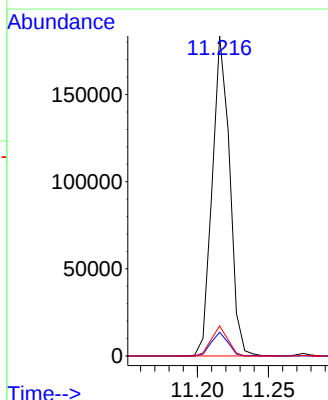
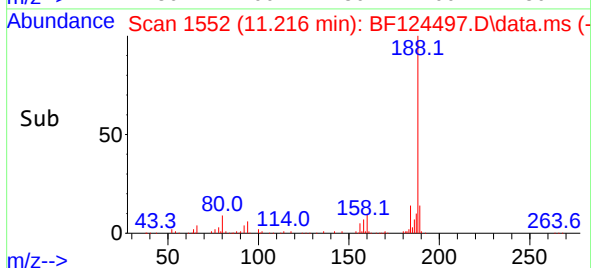


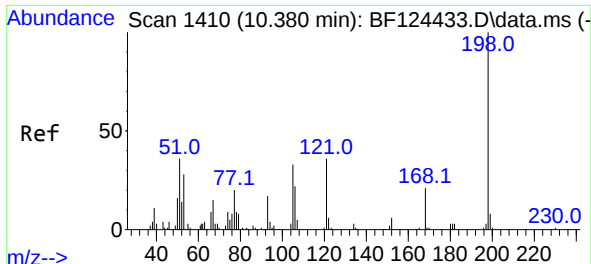
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



Tgt Ion: 188 Resp: 156226

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	9.4	8.2	12.2





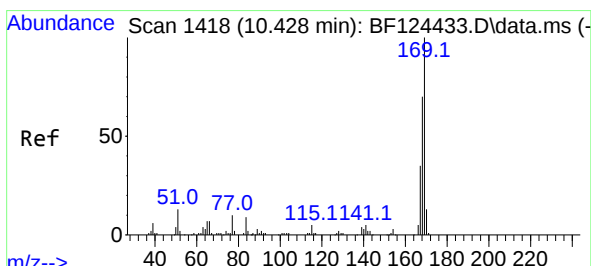
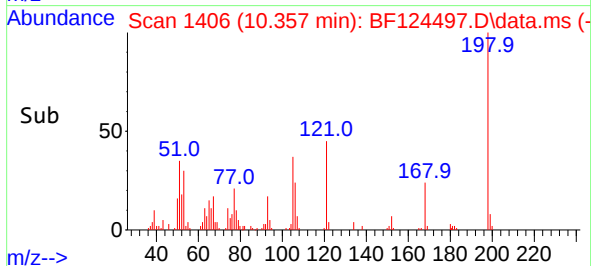
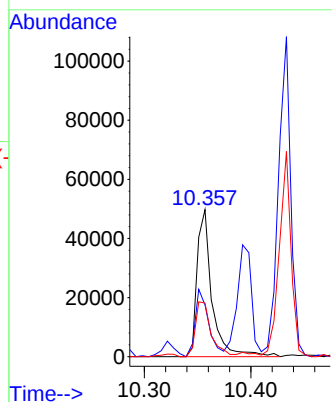
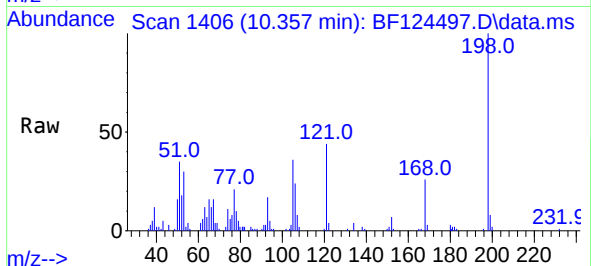
#65
4,6-Dinitro-2-methylphenol
Concen: 43.393 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Instrument :
BNA_F
ClientSampled :
FS-03MS

Tgt Ion:198 Resp: 48593
Ion Ratio Lower Upper
198 100
51 35.1 64.8 104.8#
105 36.5 42.6 82.6#

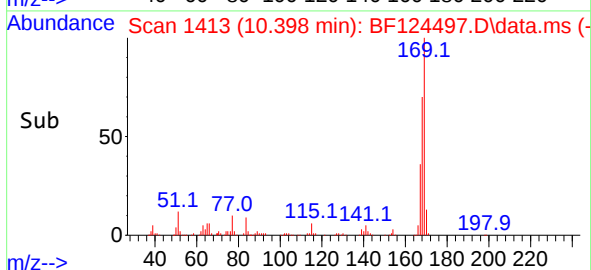
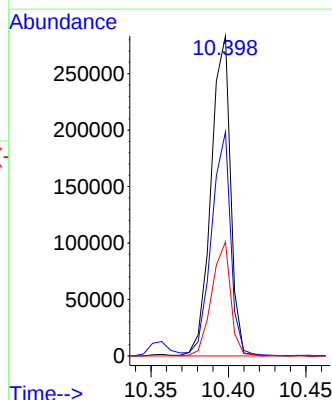
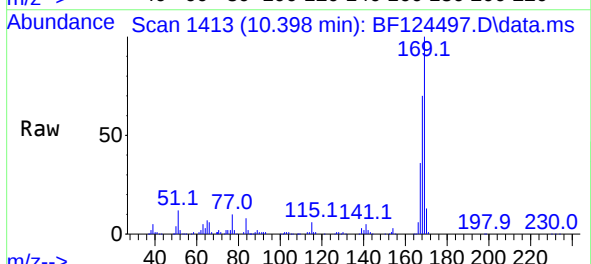
Manual Integrations
APPROVED

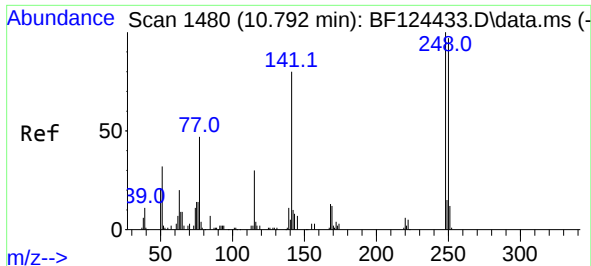
mohammad
7/1/2021 2:51:57 PM



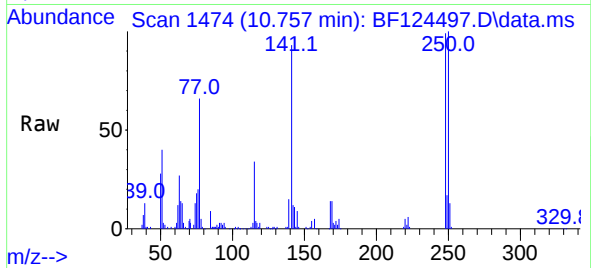
#66
n-Nitrosodiphenylamine
Concen: 41.275 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:169 Resp: 247370
Ion Ratio Lower Upper
169 100
168 70.1 53.3 79.9
167 35.7 29.9 44.9

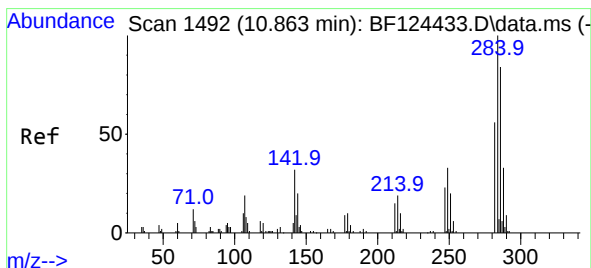
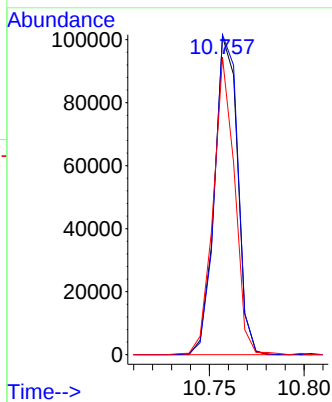
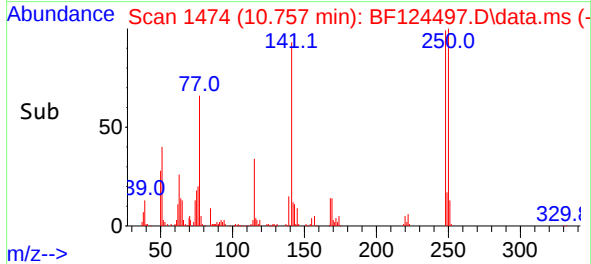




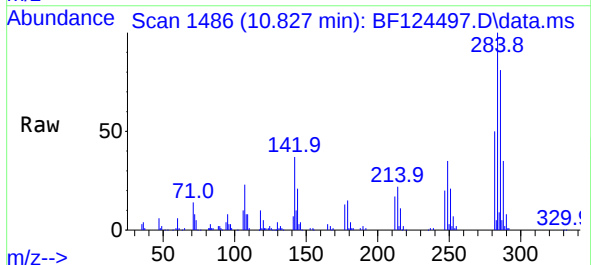
#67
4-Bromophenyl-phenylether
Concen: 40.744 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



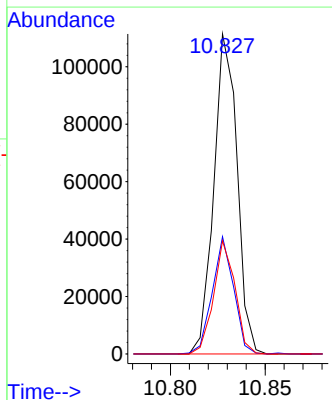
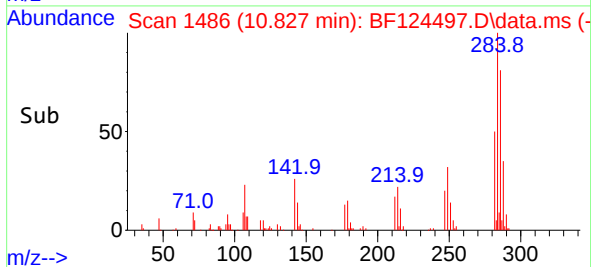
Tgt Ion:248 Resp: 85633
Ion Ratio Lower Upper
248 100
250 100.6 77.4 116.2
141 93.4 63.7 95.5



#68
Hexachlorobenzene
Concen: 41.612 ng
RT: 10.827 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



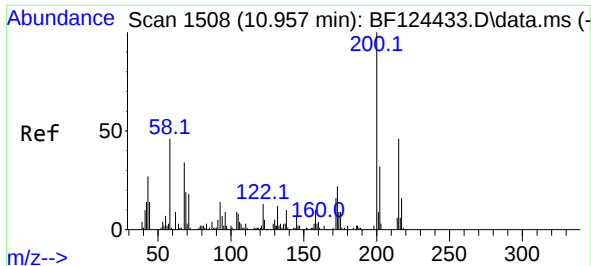
Tgt Ion:284 Resp: 95022
Ion Ratio Lower Upper
284 100
142 36.7 28.3 42.5
249 35.4 23.5 35.3#



Instrument :
BNA_F
ClientSampled :
FS-03MS

Manual Integrations
APPROVED

mohammad
7/1/2021 2:51:57 PM



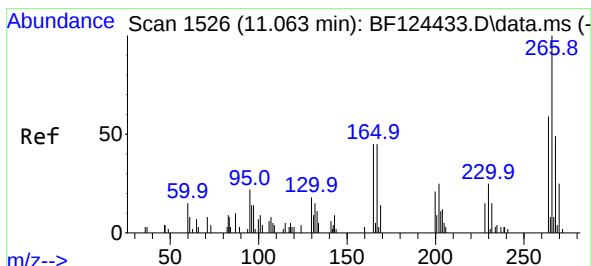
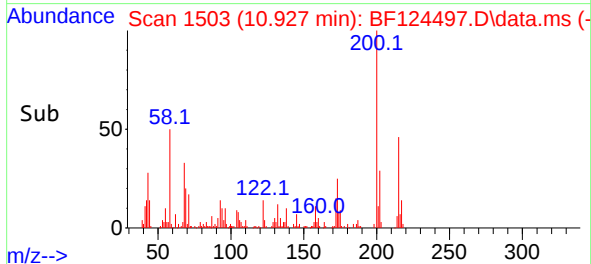
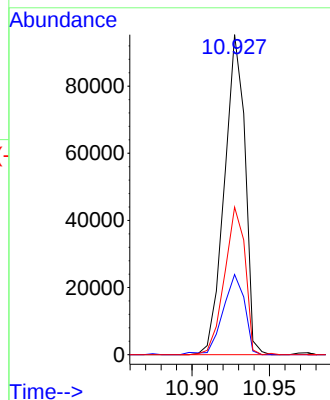
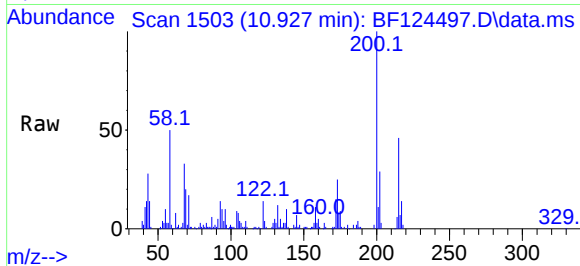
#69
Atrazine
Concen: 56.965 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:200 Resp: 88080
Ion Ratio Lower Upper
200 100
173 25.1 6.9 46.9
215 46.1 26.5 66.5

Instrument :
BNA_F
ClientSampled :
FS-03MS

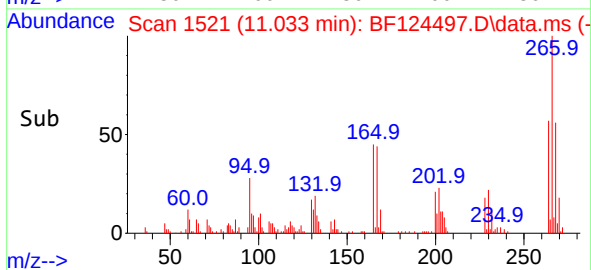
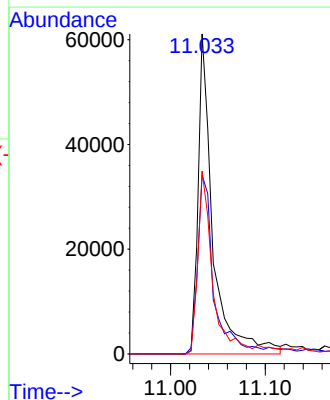
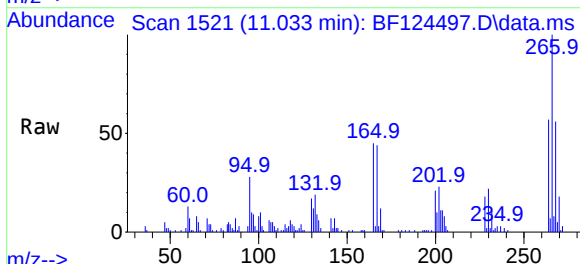
Manual Integrations
APPROVED

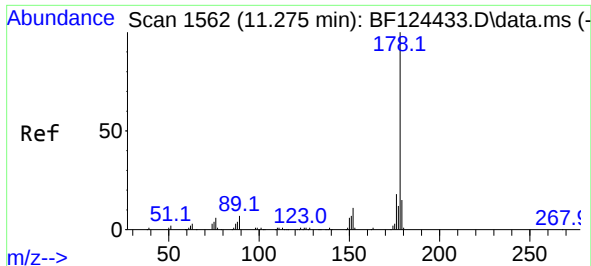
mohammad
7/1/2021 2:51:57 PM



#70
Pentachlorophenol
Concen: 115.942 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

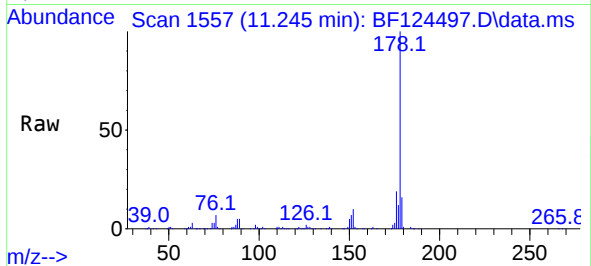
Tgt Ion:266 Resp: 66315
Ion Ratio Lower Upper
266 100
268 55.8 51.6 77.4
264 57.1 52.6 78.8





#71
Phenanthrene
Concen: 43.401 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

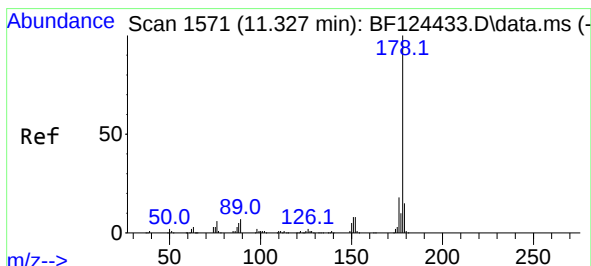
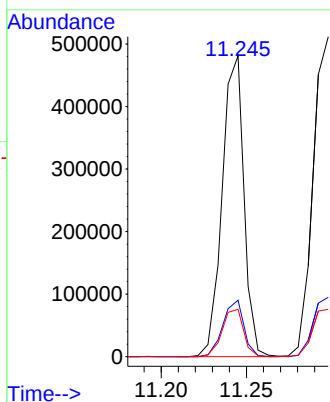
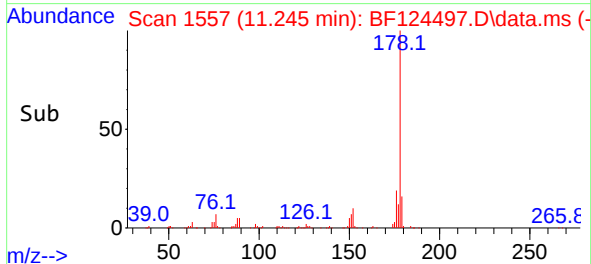
Instrument :
BNA_F
ClientSampled :
FS-03MS



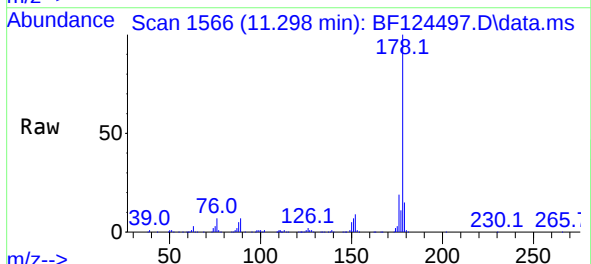
Tgt Ion:178 Resp: 427420
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.7 12.5 18.7

Manual Integrations
APPROVED

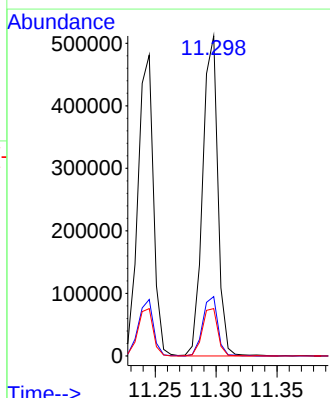
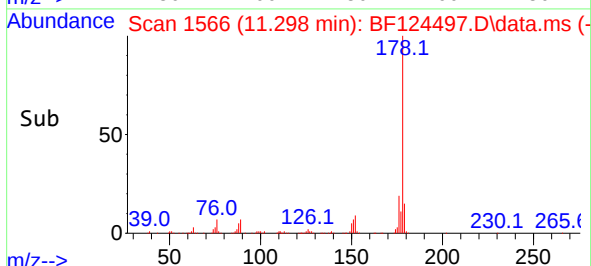
mohammad
7/1/2021 2:51:57 PM

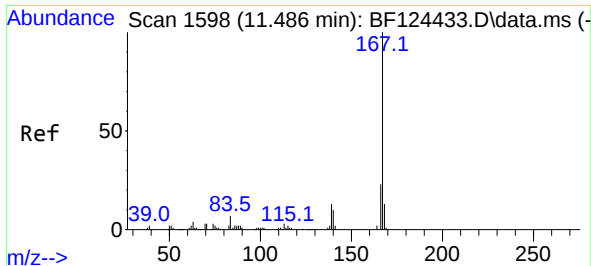


#72
Anthracene
Concen: 45.167 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



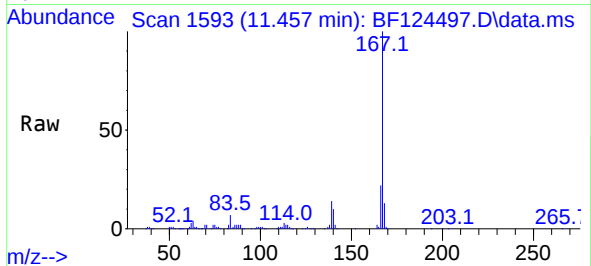
Tgt Ion:178 Resp: 443197
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 14.8 12.6 18.8





#73
 Carbazole
 Concen: 43.848 ng
 RT: 11.457 min Scan# 1593
 Delta R.T. 0.006 min
 Lab File: BF124497.D
 Acq: 30 Jun 2021 17:39

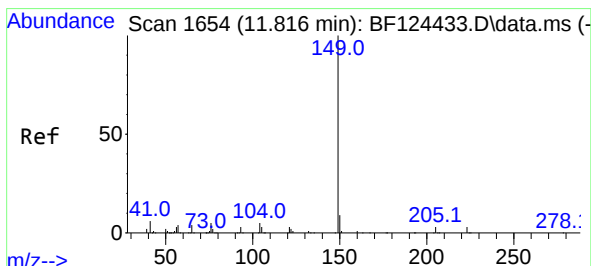
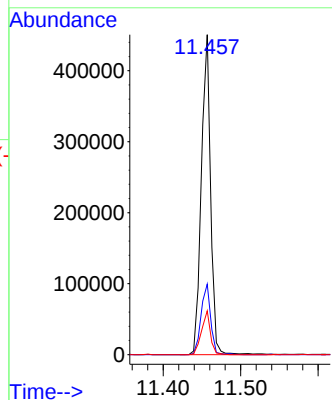
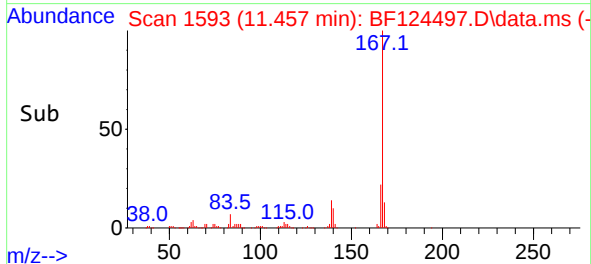
Instrument :
 BNA_F
 ClientSampled :
 FS-03MS



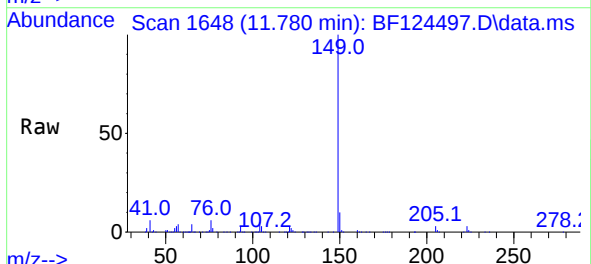
Tgt Ion:167 Resp: 374980
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 13.7 10.4 15.6

Manual Integrations
 APPROVED

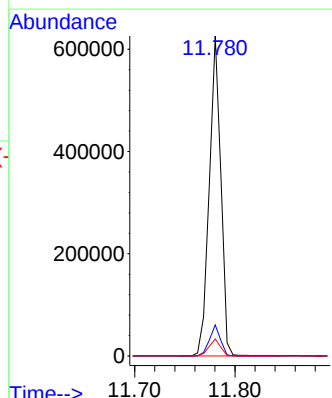
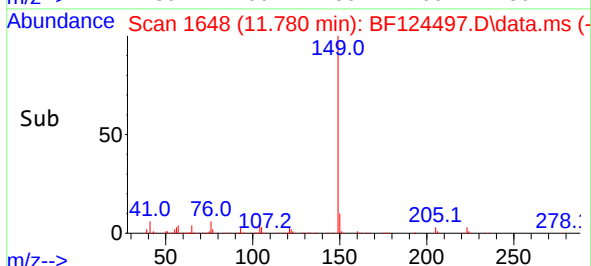
mohammad
 7/1/2021 2:51:57 PM

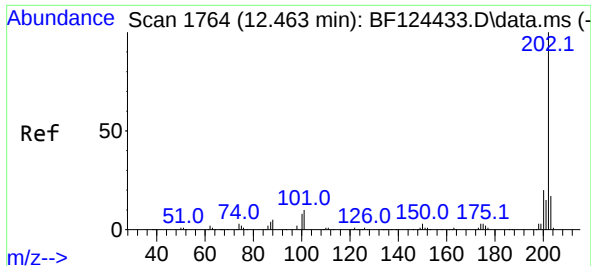


#74
 Di-n-butylphthalate
 Concen: 49.216 ng
 RT: 11.780 min Scan# 1648
 Delta R.T. 0.000 min
 Lab File: BF124497.D
 Acq: 30 Jun 2021 17:39



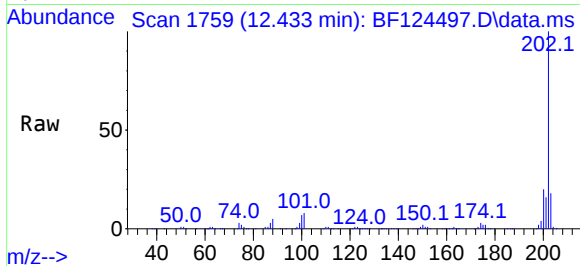
Tgt Ion:149 Resp: 501188
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.3 4.6 6.8





#75
Fluoranthene
Concen: 46.509 ng
RT: 12.433 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

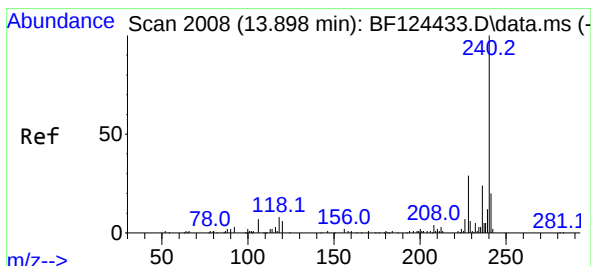
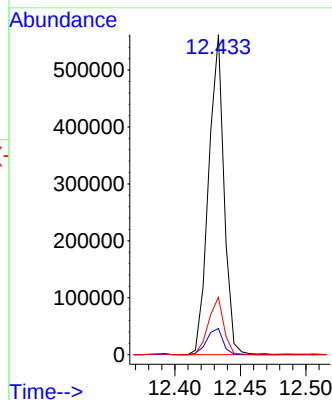
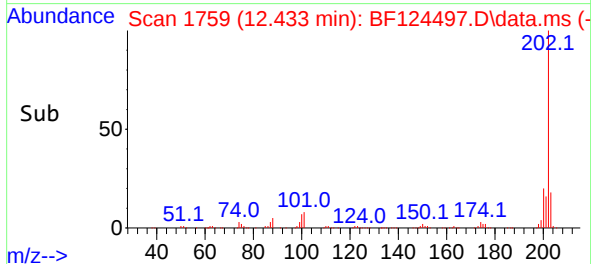
Instrument :
BNA_F
ClientSampled :
FS-03MS



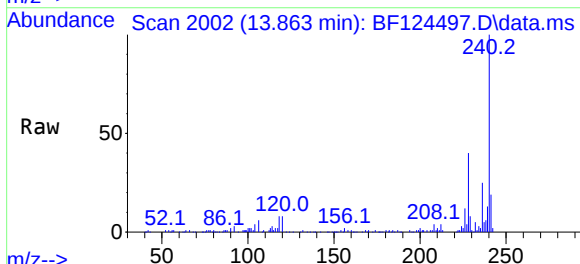
Tgt Ion:202 Resp: 460922
Ion Ratio Lower Upper
202 100
101 8.2 0.0 30.9
203 18.0 0.0 37.5

Manual Integrations
APPROVED

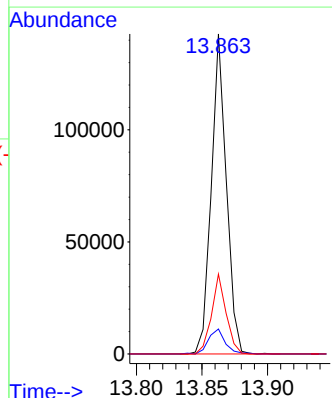
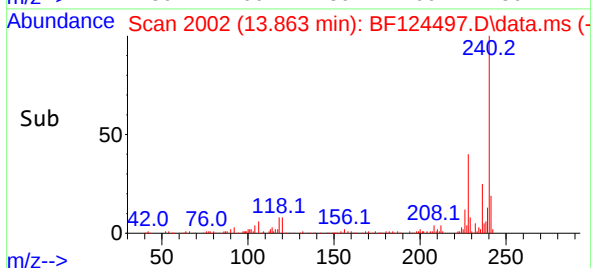
mohammad
7/1/2021 2:51:57 PM

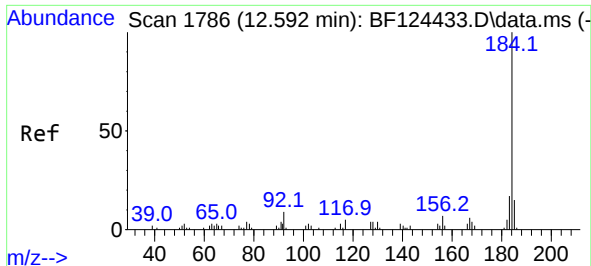


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

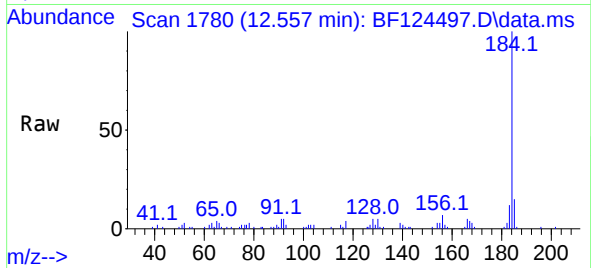


Tgt Ion:240 Resp: 113976
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 25.0 19.0 28.4

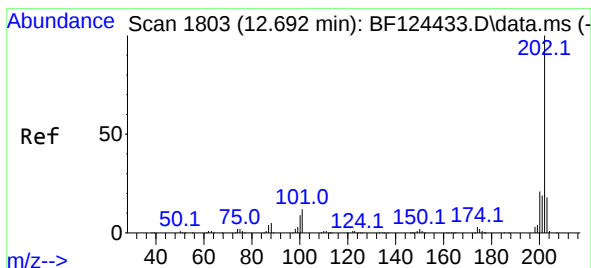
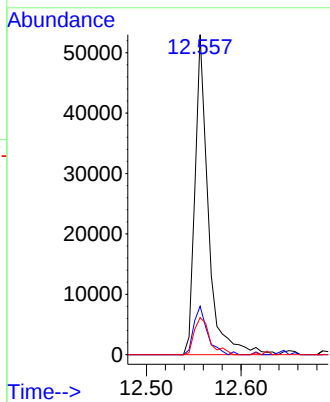
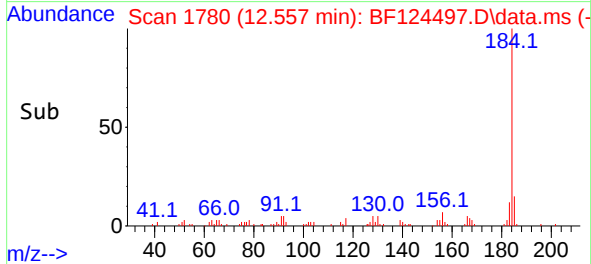




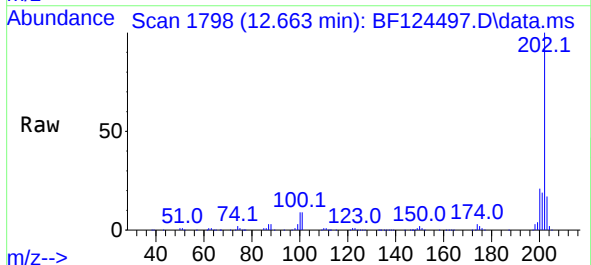
#77
Benzidine
Concen: 22.732 ng
RT: 12.557 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



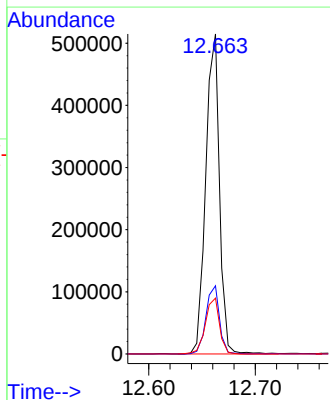
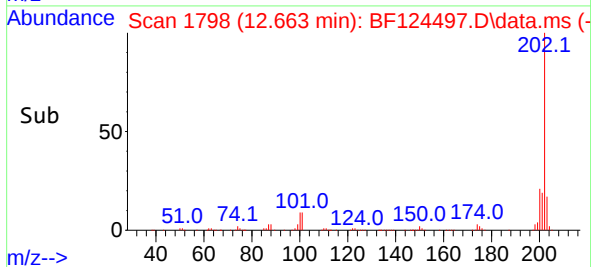
Tgt Ion:184 Resp: 51924
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 11.6 7.8 11.8



#78
Pyrene
Concen: 44.364 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



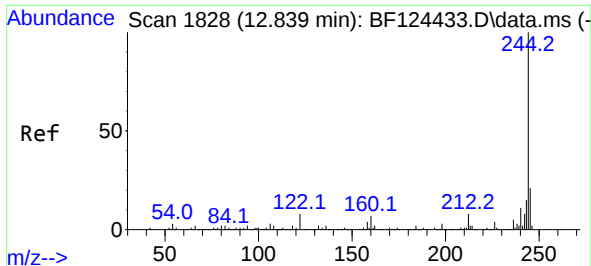
Tgt Ion:202 Resp: 461550
Ion Ratio Lower Upper
202 100
200 21.3 16.1 24.1
203 17.4 14.8 22.2



Instrument :
BNA_F
ClientSampleId :
FS-03MS

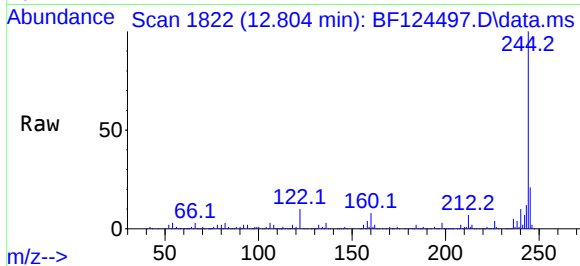
Manual Integrations
APPROVED

mohammad
7/1/2021 2:51:57 PM



#79
Terphenyl-d14
Concen: 97.669 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

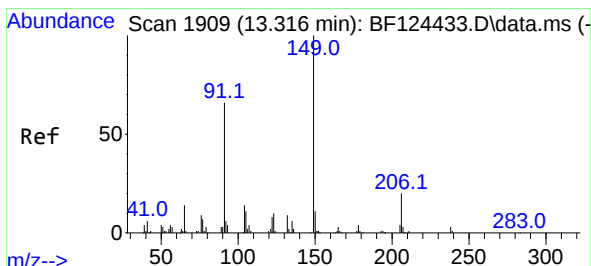
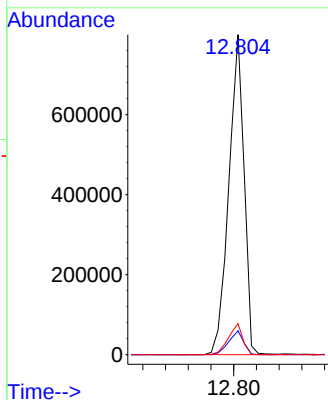
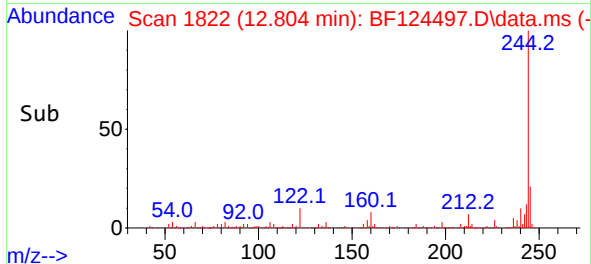
Instrument :
BNA_F
ClientSampled :
FS-03MS



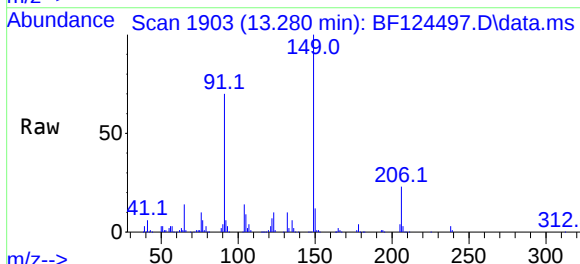
Tgt Ion:244 Resp: 743224
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.7 9.7 14.5

Manual Integrations
APPROVED

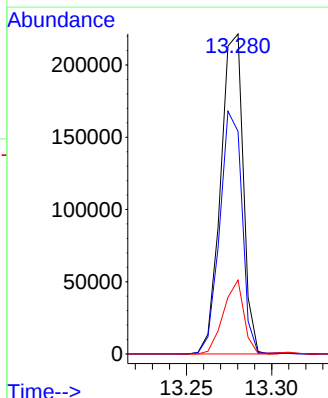
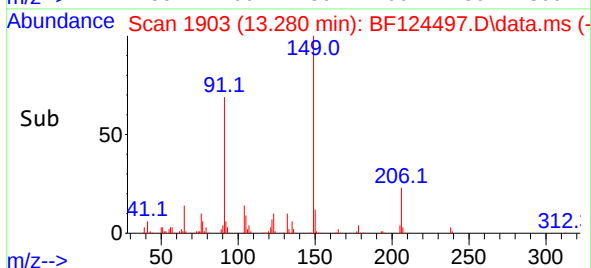
mohammad
7/1/2021 2:51:57 PM

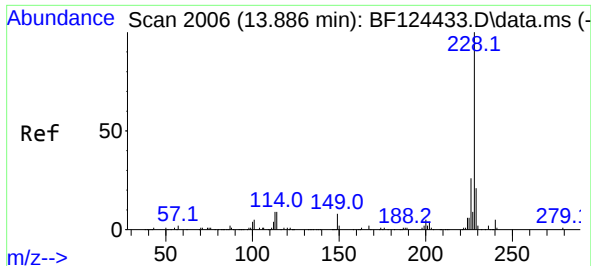


#80
Butylbenzylphthalate
Concen: 49.362 ng
RT: 13.280 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



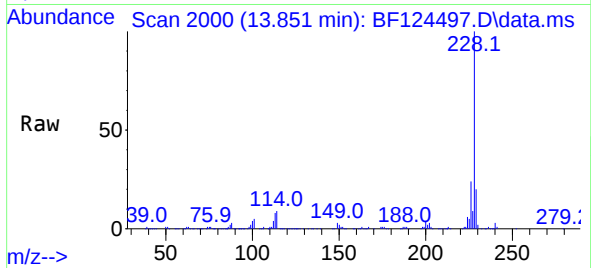
Tgt Ion:149 Resp: 203927
Ion Ratio Lower Upper
149 100
91 69.5 63.6 95.4
206 23.1 14.5 21.7#





#81
Benzo(a)anthracene
Concen: 43.289 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

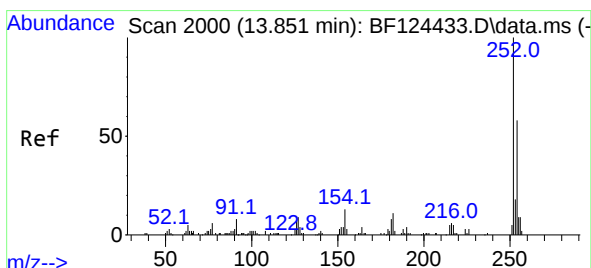
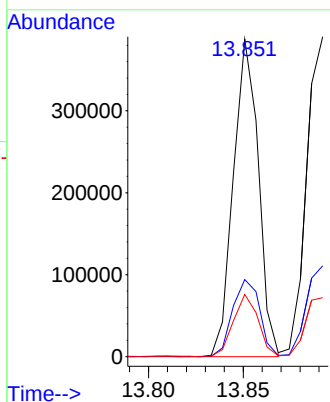
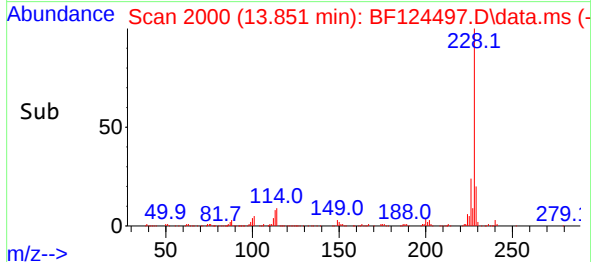
Instrument :
BNA_F
ClientSampled :
FS-03MS



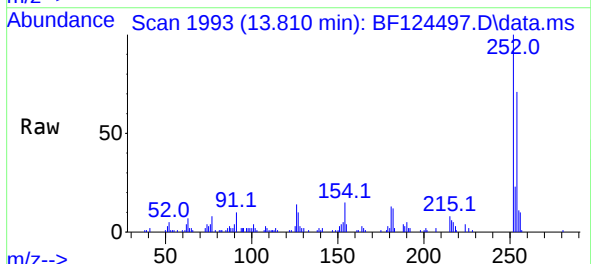
Tgt Ion:228 Resp: 355720
Ion Ratio Lower Upper
228 100
226 24.3 22.4 33.6
229 19.6 16.0 24.0

Manual Integrations
APPROVED

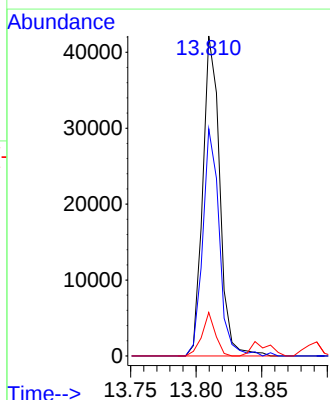
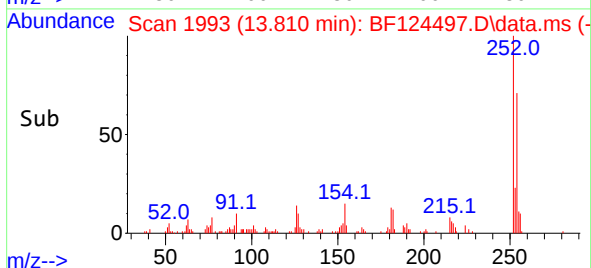
mohammad
7/1/2021 2:51:57 PM

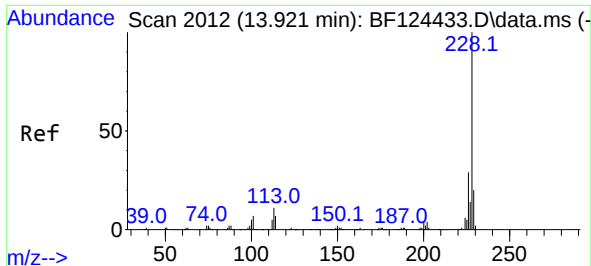


#82
3,3'-Dichlorobenzidine
Concen: 14.443 ng
RT: 13.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



Tgt Ion:252 Resp: 38027
Ion Ratio Lower Upper
252 100
254 71.0 51.1 76.7
126 13.6 7.7 11.5#





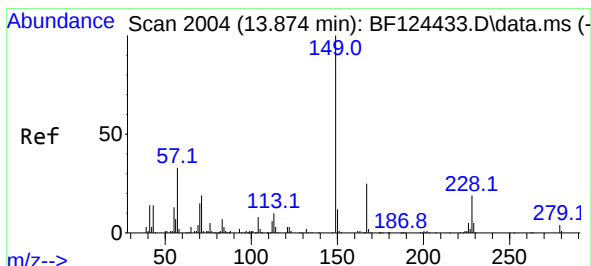
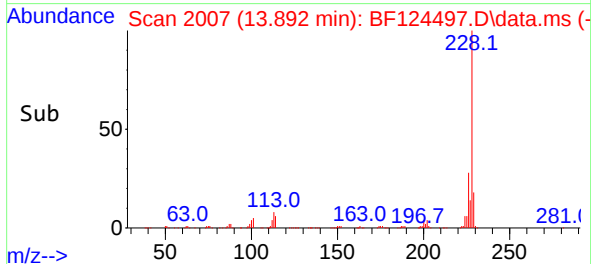
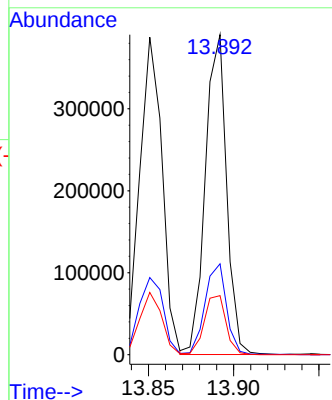
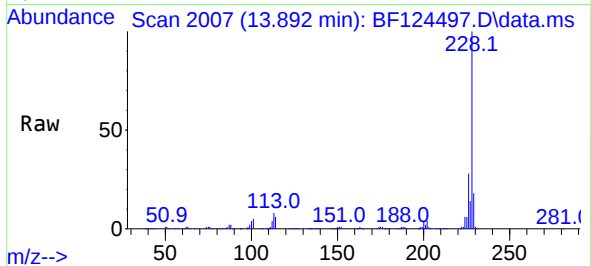
#83
Chrysene
Concen: 41.510 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:	228	Resp:	338025
Ion Ratio	Lower	Upper	
228	100		
226	28.4	24.3	36.5
229	18.5	16.2	24.2

Instrument :
BNA_F
ClientSampled :
FS-03MS

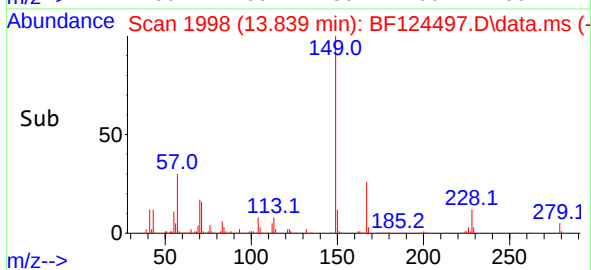
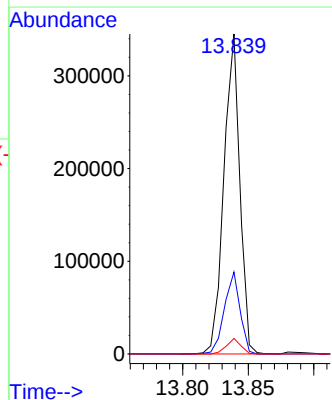
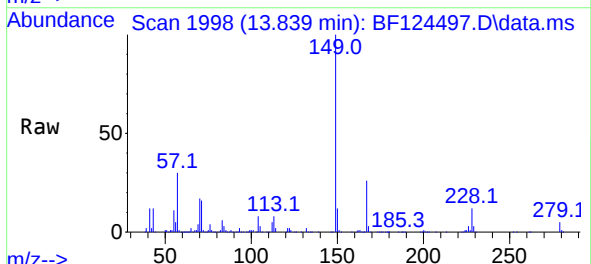
Manual Integrations
APPROVED

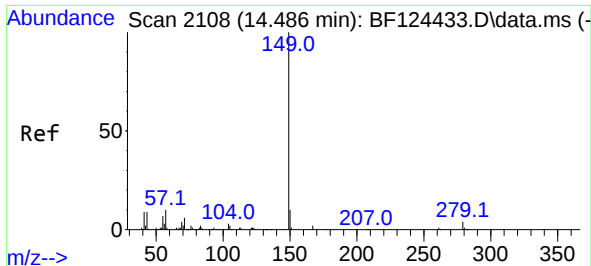
mohammad
7/1/2021 2:51:57 PM



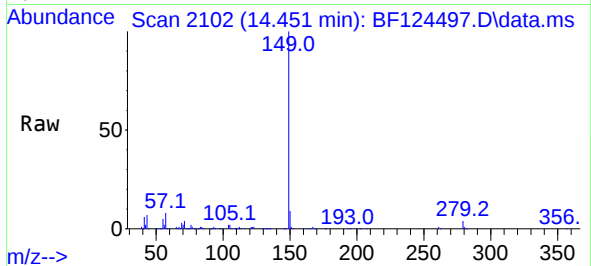
#84
Bis(2-ethylhexyl)phthalate
Concen: 52.477 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:	149	Resp:	290465
Ion Ratio	Lower	Upper	
149	100		
167	25.6	21.8	32.6
279	4.8	3.3	4.9

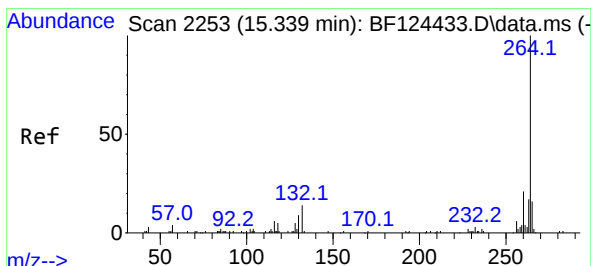
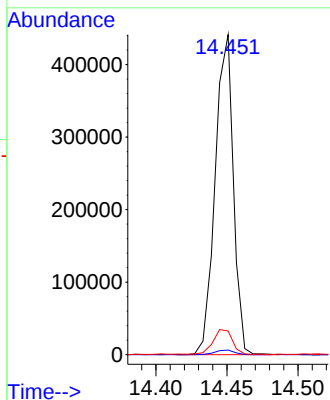
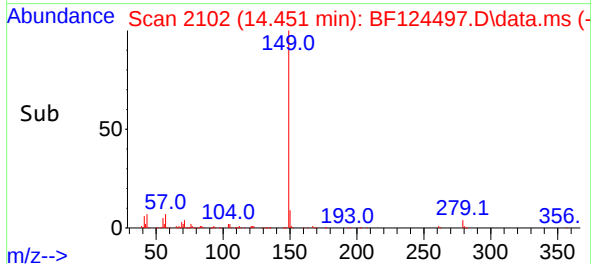




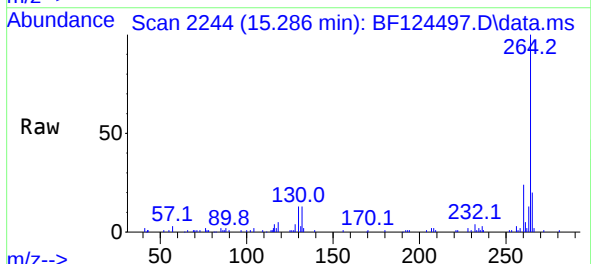
#85
Di-n-octyl phthalate
Concen: 45.460 ng
RT: 14.451 min Scan# 2102
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



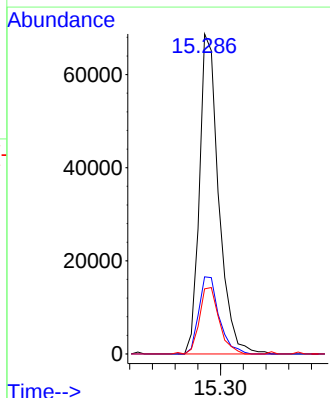
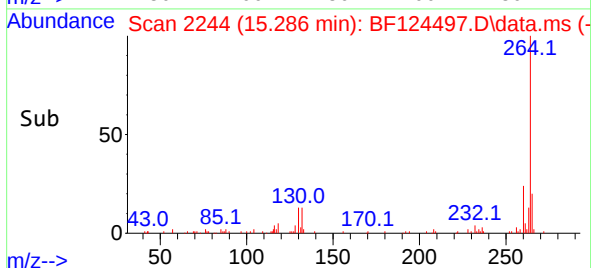
Tgt Ion:149 Resp: 391887
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.6 11.8 17.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39



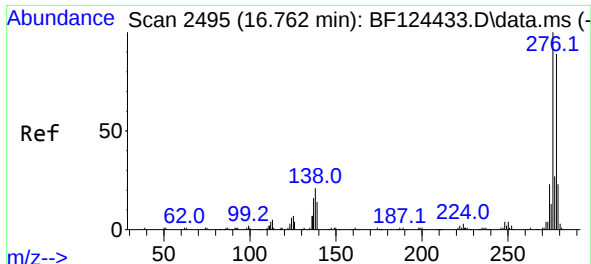
Tgt Ion:264 Resp: 80883
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 20.3 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
FS-03MS

Manual Integrations
APPROVED

mohammad
7/1/2021 2:51:57 PM



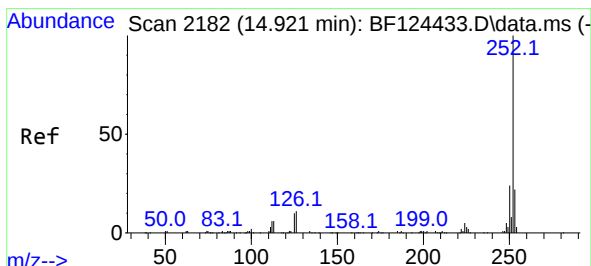
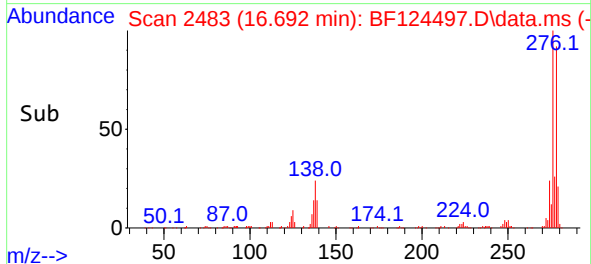
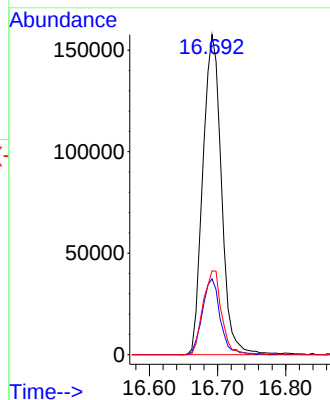
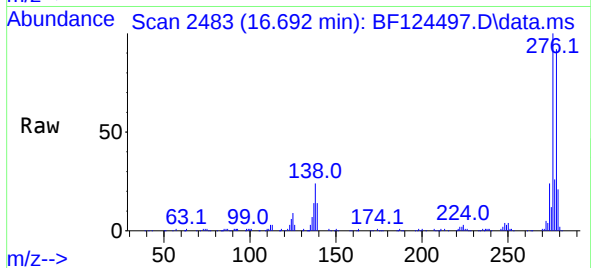
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.850 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion: 276 Resp: 298831
Ion Ratio Lower Upper
276 100
138 22.9 16.2 24.2
277 25.9 20.1 30.1

Instrument :
BNA_F
ClientSampleId :
FS-03MS

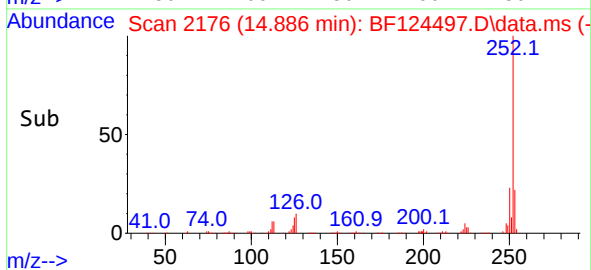
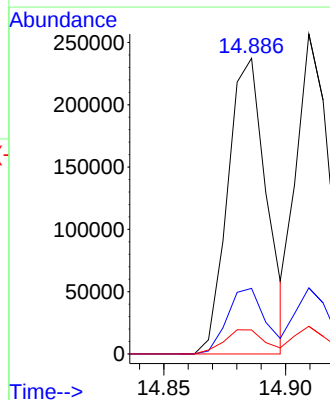
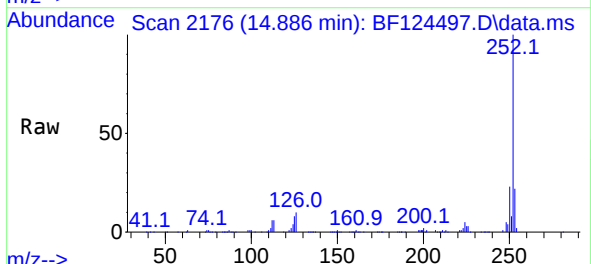
Manual Integrations
APPROVED

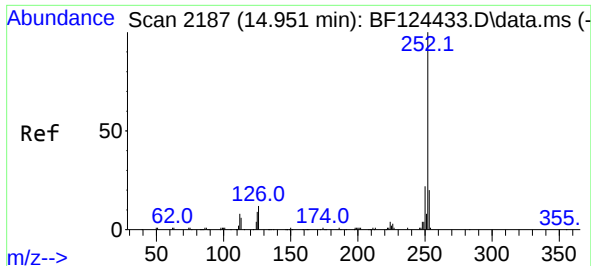
mohammad
7/1/2021 2:51:57 PM



#88
Benzo(b)fluoranthene
Concen: 42.909 ng
RT: 14.886 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion: 252 Resp: 262994
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 8.1 6.2 9.4





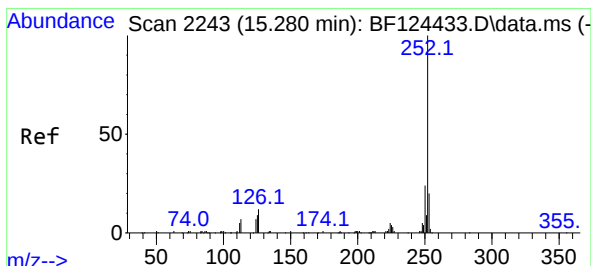
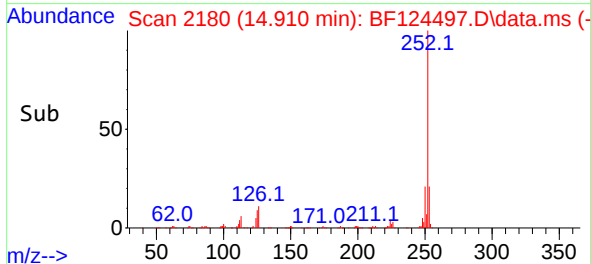
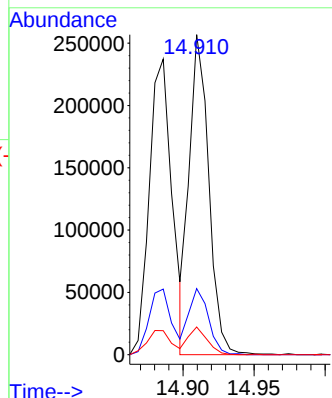
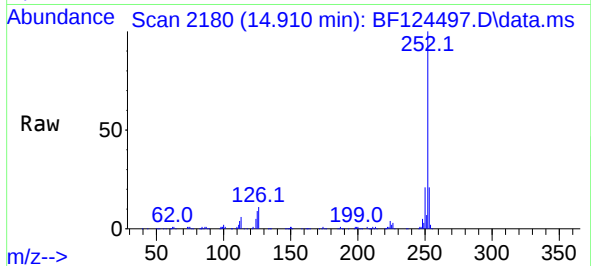
#89
Benzo(k)fluoranthene
Concen: 43.760 ng
RT: 14.910 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Instrument :
BNA_F
ClientSampled :
FS-03MS

Tgt Ion:252 Resp: 245383
Ion Ratio Lower Upper
252 100
253 20.6 17.9 26.9
125 8.7 7.0 10.6

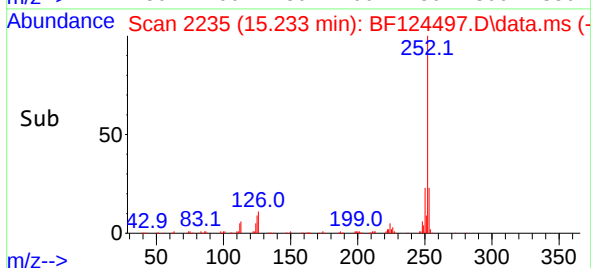
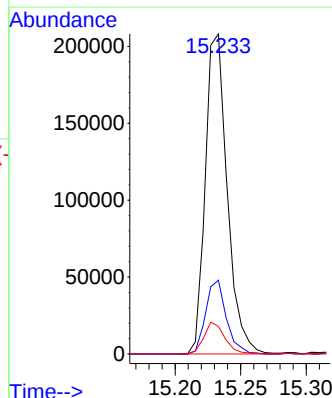
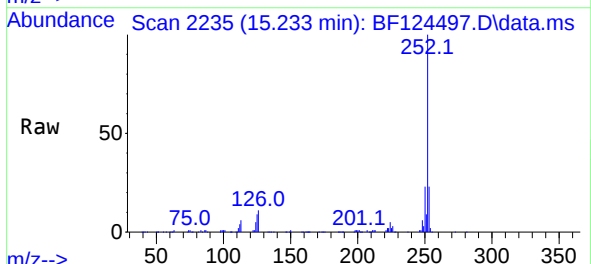
Manual Integrations
APPROVED

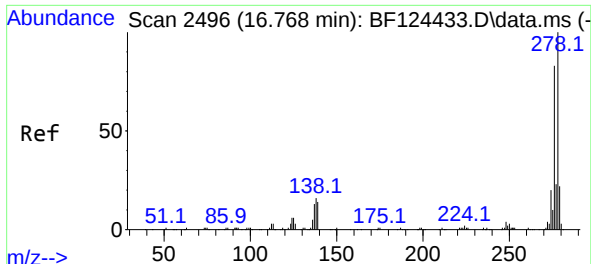
mohammad
7/1/2021 2:51:57 PM



#90
Benzo(a)pyrene
Concen: 44.523 ng
RT: 15.233 min Scan# 2235
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:252 Resp: 242497
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 8.6 8.0 12.0





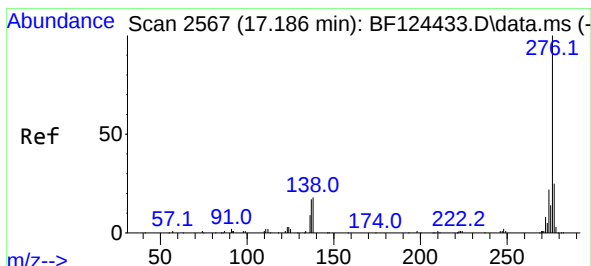
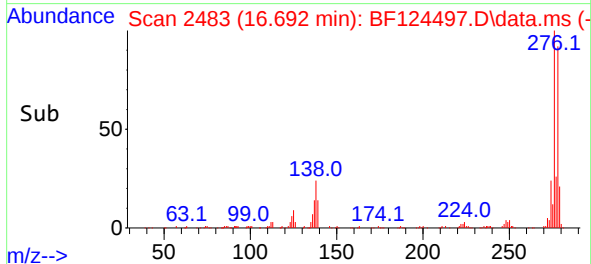
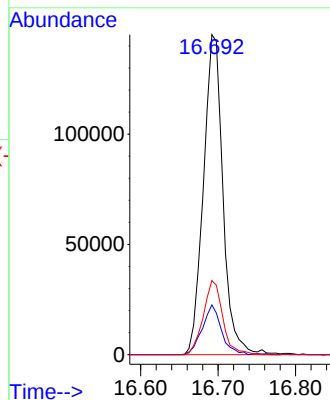
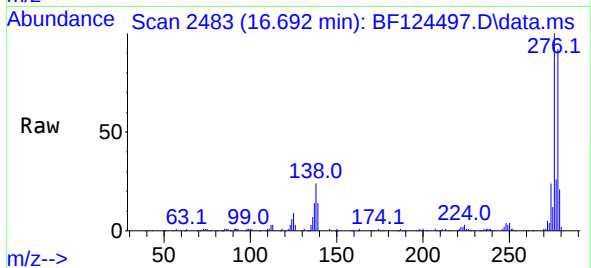
#91
Dibenzo(a,h)anthracene
Concen: 46.307 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:278 Resp: 254424
Ion Ratio Lower Upper
278 100
139 15.5 10.2 15.2#
279 23.2 19.4 29.0

Instrument :
BNA_F
ClientSampleId :
FS-03MS

Manual Integrations
APPROVED

mohammad
7/1/2021 2:51:57 PM



#92
Benzo(g,h,i)perylene
Concen: 43.958 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF124497.D
Acq: 30 Jun 2021 17:39

Tgt Ion:276 Resp: 237652
Ion Ratio Lower Upper
276 100
277 21.5 18.2 27.2
138 17.5 13.8 20.6

