

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127394.D
 Acq On : 18 Mar 2022 16:21
 Operator : CG\JU
 Sample : N1949-15MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-4-6-DUPMSD

Quant Time: Mar 19 01:51:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	90515	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	349084	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	208861	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	388553	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	246295	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	234680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	460614	81.806	ng	0.00
7) Phenol-d6	6.498	99	643597	83.091	ng	0.00
23) Nitrobenzene-d5	7.428	82	447170	52.902	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	181360	80.663	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	793674	53.724	ng	0.00
79) Terphenyl-d14	12.974	244	931091	65.096	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	76546	26.219	ng	# 79
3) Pyridine	3.434	79	244115	31.422	ng	# 74
4) n-Nitrosodimethylamine	3.404	42	158771	36.886	ng	# 66
6) Aniline	6.522	93	311523	33.654	ng	# 90
8) 2-Chlorophenol	6.645	128	246595	42.335	ng	93
9) Benzaldehyde	6.410	77	159846	38.915	ng	90
10) Phenol	6.510	94	350872	41.237	ng	83
11) bis(2-Chloroethyl)ether	6.593	93	260785	41.272	ng	90
12) 1,3-Dichlorobenzene	6.798	146	259753	39.727	ng	99
13) 1,4-Dichlorobenzene	6.875	146	261727	39.901	ng	99
14) 1,2-Dichlorobenzene	7.028	146	249136	40.356	ng	98
15) Benzyl Alcohol	7.004	79	247454	42.623	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.128	45	471657	39.776	ng	93
17) 2-Methylphenol	7.116	107	210843	42.578	ng	# 89
18) Hexachloroethane	7.363	117	99988	39.682	ng	# 82
19) n-Nitroso-di-n-propyla...	7.275	70	196491	40.651	ng	91
20) 3+4-Methylphenols	7.269	107	245795	38.274	ng	# 82
22) Acetophenone	7.269	105	333686	34.913	ng	# 82
24) Nitrobenzene	7.445	77	303078	37.909	ng	95
25) Isophorone	7.681	82	567254	41.735	ng	97
26) 2-Nitrophenol	7.763	139	128064	38.680	ng	# 84
27) 2,4-Dimethylphenol	7.798	122	215440	43.347	ng	95
28) bis(2-Chloroethoxy)met...	7.892	93	333650	38.742	ng	98
29) 2,4-Dichlorophenol	8.004	162	220396	38.721	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	239389	36.891	ng	97
31) Naphthalene	8.163	128	708622	38.054	ng	99
32) Benzoic acid	7.945	122	116396	35.667	ng	89
33) 4-Chloroaniline	8.216	127	128939	17.864	ng	94
34) Hexachlorobutadiene	8.269	225	155942	36.038	ng	95
35) Caprolactam	8.598	113	71648m	42.136	ng	
36) 4-Chloro-3-methylphenol	8.704	107	248625	40.301	ng	98
37) 2-Methylnaphthalene	8.857	142	468888	38.536	ng	96
38) 1-Methylnaphthalene	8.957	142	448784	38.366	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	243639	36.849	ng	# 95
41) Hexachlorocyclopentadiene	9.004	237	209892	76.368	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	156306	37.456	ng	98

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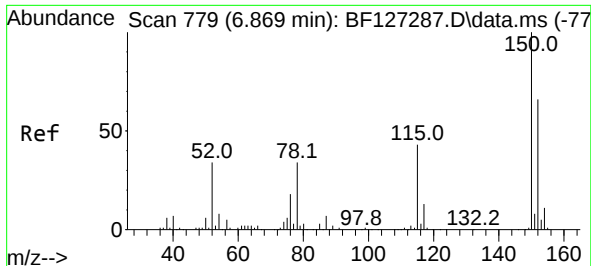
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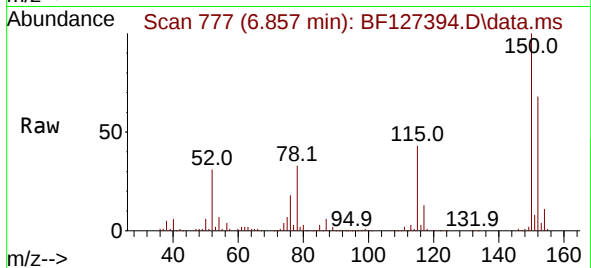
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	168369	38.016	ng	92
46) 1,1'-Biphenyl	9.322	154	596782	37.858	ng	98
47) 2-Chloronaphthalene	9.345	162	462105	37.659	ng	100
48) 2-Nitroaniline	9.451	65	186526	39.507	ng	91
49) Acenaphthylene	9.763	152	755277	40.220	ng	99
50) Dimethylphthalate	9.628	163	575869	38.478	ng	# 99
51) 2,6-Dinitrotoluene	9.692	165	124752	41.208	ng	# 90
52) Acenaphthene	9.933	154	420885	37.600	ng	97
53) 3-Nitroaniline	9.863	138	85525	25.924	ng	94
54) 2,4-Dinitrophenol	9.981	184	122706	73.858	ng	90
55) Dibenzofuran	10.110	168	635681	36.555	ng	99
56) 4-Nitrophenol	10.039	139	154524	77.061	ng	# 71
57) 2,4-Dinitrotoluene	10.098	165	161257	40.485	ng	# 92
58) Fluorene	10.451	166	513628	38.090	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	142309	38.665	ng	# 78
60) Diethylphthalate	10.322	149	538075	39.415	ng	96
61) 4-Chlorophenyl-phenyle...	10.439	204	275360	37.681	ng	91
62) 4-Nitroaniline	10.486	138	124816m	37.967	ng	
63) Azobenzene	10.604	77	605265	38.570	ng	89
65) 4,6-Dinitro-2-methylph...	10.510	198	89481	37.351	ng	84
66) n-Nitrosodiphenylamine	10.563	169	453133	37.550	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	175222	37.410	ng	92
68) Hexachlorobenzene	10.998	284	192645	37.740	ng	# 89
69) Atrazine	11.092	200	178500	42.867	ng	95
70) Pentachlorophenol	11.198	266	159878	77.573	ng	99
71) Phenanthrene	11.422	178	765183	37.305	ng	99
72) Anthracene	11.475	178	782741	38.534	ng	99
73) Carbazole	11.627	167	696497	36.411	ng	99
74) Di-n-butylphthalate	11.945	149	857297	38.317	ng	99
75) Fluoranthene	12.610	202	843785	36.792	ng	93
77) Benzidine	12.733	184	202256	32.292	ng	96
78) Pyrene	12.839	202	830930	43.314	ng	99
80) Butylbenzylphthalate	13.451	149	296515	40.161	ng	# 89
81) Benzo(a)anthracene	14.027	228	646039	38.956	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	125296	24.299	ng	# 95
83) Chrysene	14.068	228	592287	38.399	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	390679	39.309	ng	# 98
85) Di-n-octyl phthalate	14.616	149	630602	41.921	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	638028	45.130	ng	# 85
88) Benzo(b)fluoranthene	15.086	252	607644	39.446	ng	# 93
89) Benzo(k)fluoranthene	15.121	252	548601	37.876	ng	# 93
90) Benzo(a)pyrene	15.463	252	575090	47.409	ng	# 93
91) Dibenzo(a,h)anthracene	17.045	278	563878	47.922	ng	# 89
92) Benzo(g,h,i)perylene	17.492	276	567113	49.411	ng	# 85

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

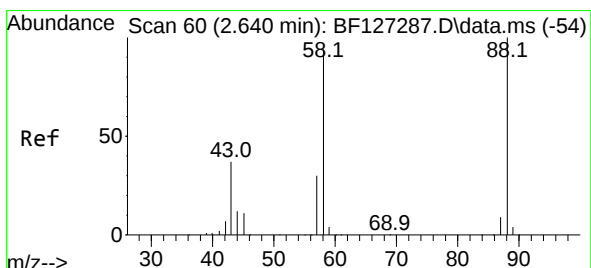
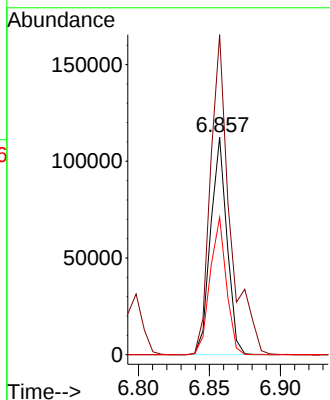
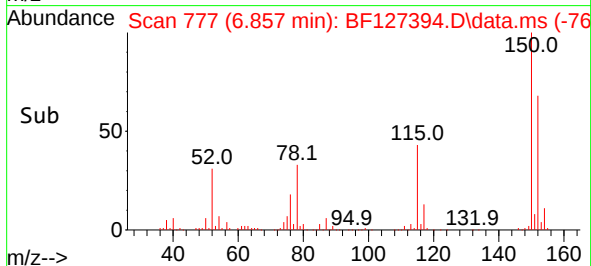
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:152 Resp: 9051
Ion Ratio Lower Upper
152 100
150 147.1 128.1 192.1
115 63.1 56.7 85.1

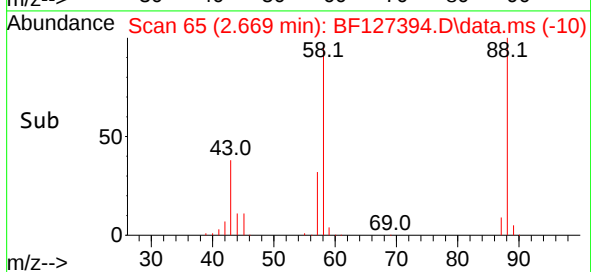
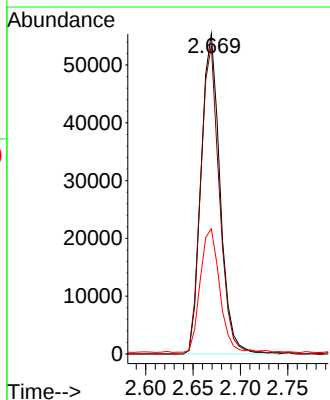
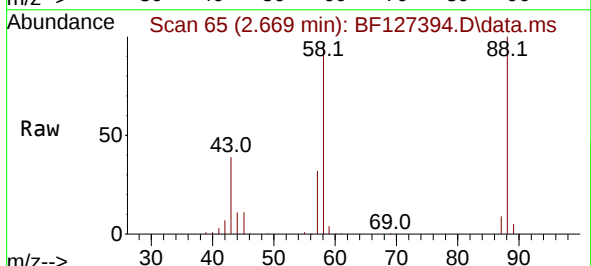
Manual Integrations
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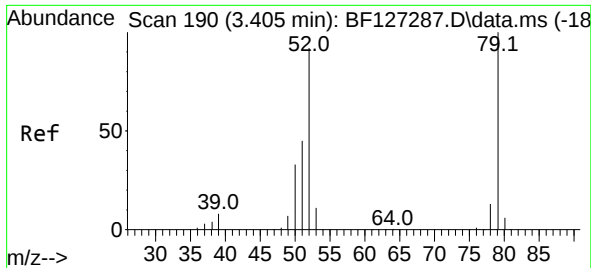
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#2
1,4-Dioxane
Concen: 26.219 ng
RT: 2.669 min Scan# 65
Delta R.T. 0.024 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

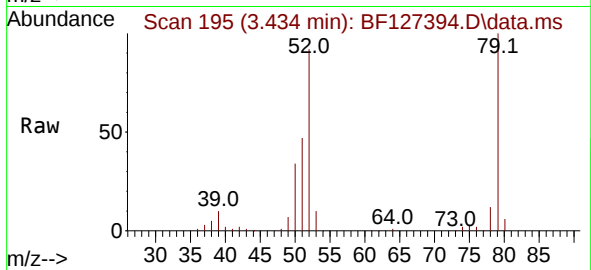
Tgt Ion: 88 Resp: 76546
Ion Ratio Lower Upper
88 100
58 95.9 62.8 94.2#
43 40.2 22.3 33.5#





#3
Pyridine
Concen: 31.422 ng
RT: 3.434 min Scan# 195
Delta R.T. 0.029 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

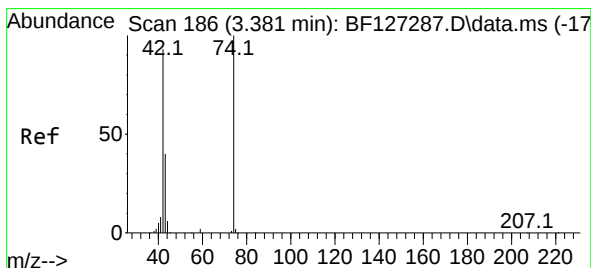
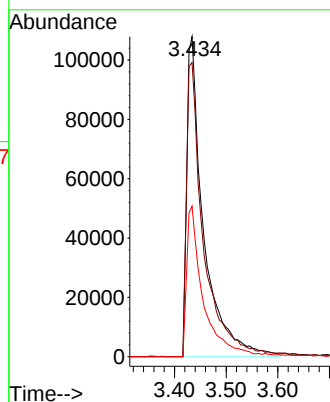
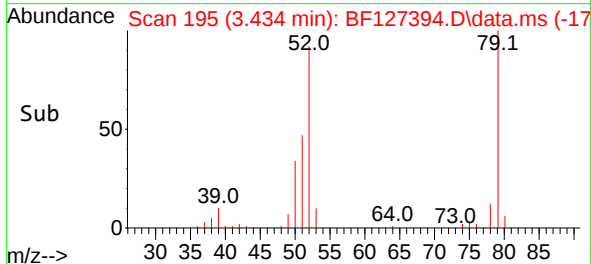
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion: 79 Resp: 244115
Ion Ratio Lower Upper
79 100
52 91.9 56.2 84.4
51 47.0 26.7 40.1

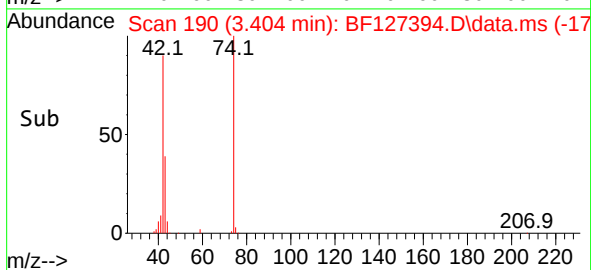
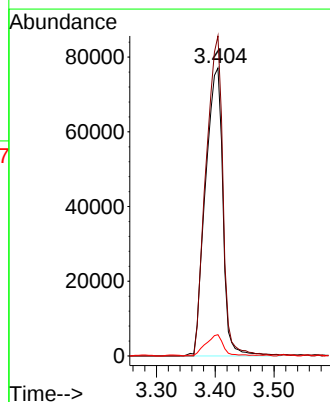
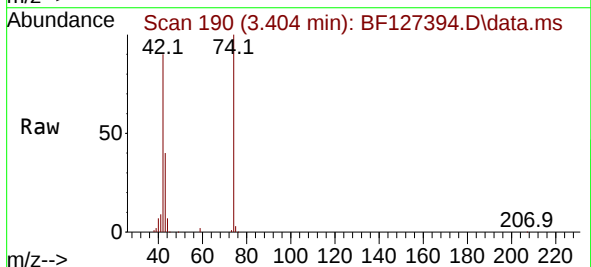
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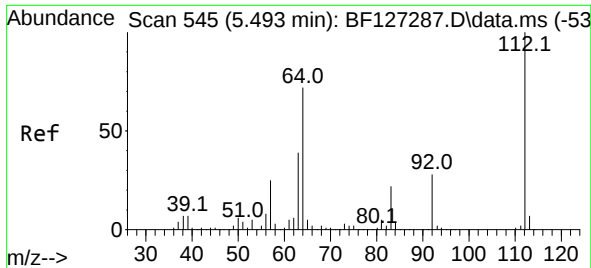
Reviewed By :Christian Giraldo 03/21/2022
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#4
n-Nitrosodimethylamine
Concen: 36.886 ng
RT: 3.404 min Scan# 190
Delta R.T. 0.012 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

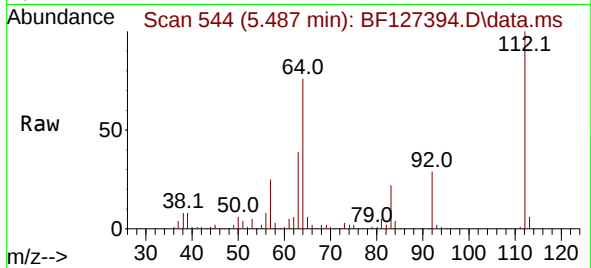
Tgt Ion: 42 Resp: 158771
Ion Ratio Lower Upper
42 100
74 111.1 125.6 188.4
44 7.4 5.7 8.5





#5
2-Fluorophenol
Concen: 81.806 ng
RT: 5.487 min Scan# 54
Delta R.T. 0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

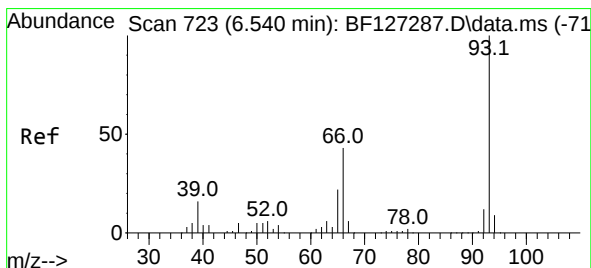
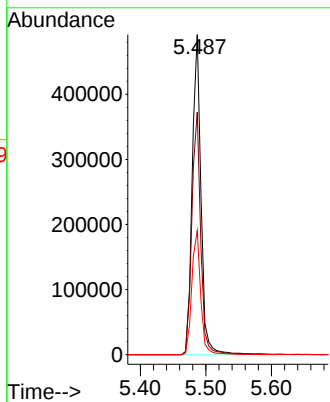
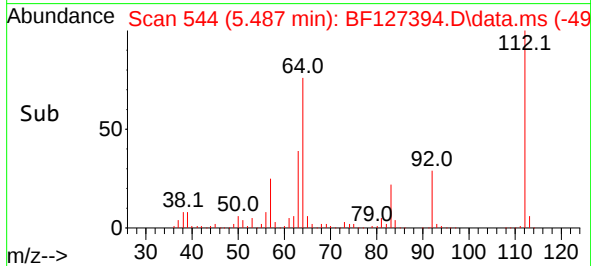
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Tgt Ion:112 Resp: 460614
Ion Ratio Lower Upper
112 100
64 75.8 49.5 74.3
63 38.8 23.9 35.9

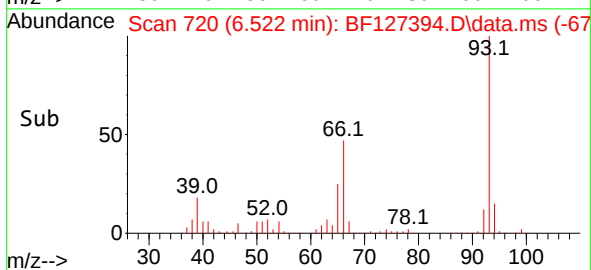
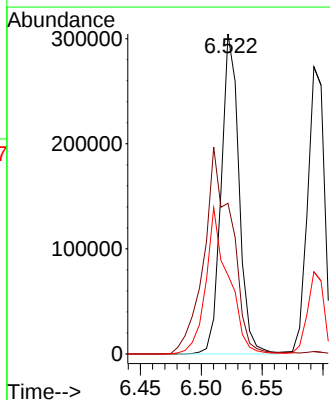
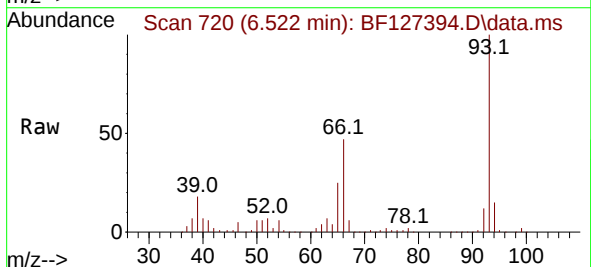
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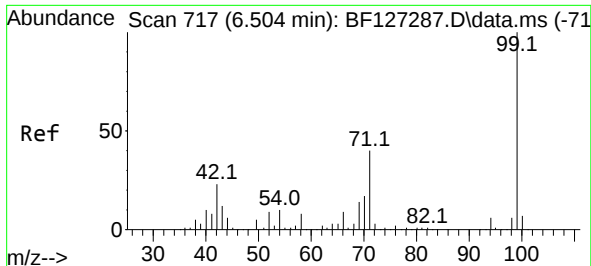
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#6
Aniline
Concen: 33.654 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

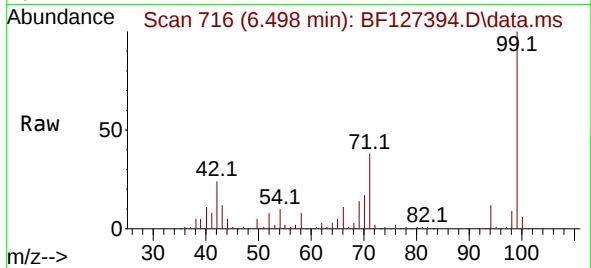
Tgt Ion: 93 Resp: 311523
Ion Ratio Lower Upper
93 100
66 47.1 32.2 48.4
65 24.7 16.3 24.5





#7
Phenol-d6
Concen: 83.091 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

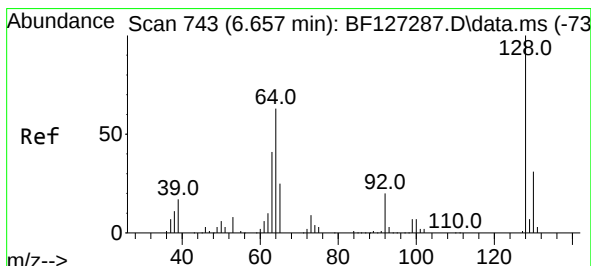
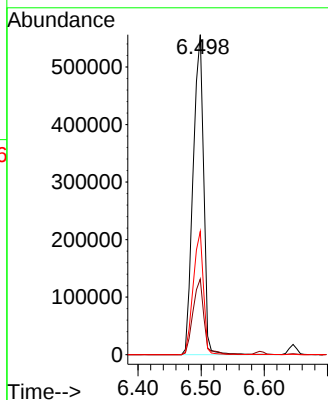
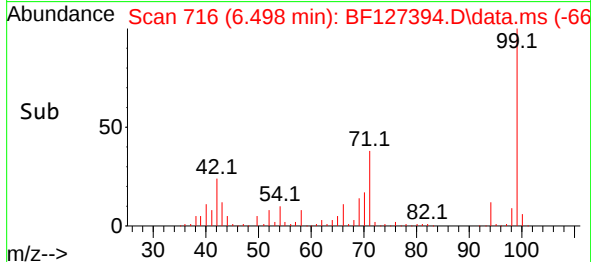
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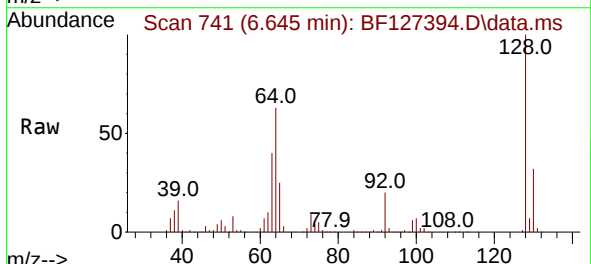
Tgt Ion: 99 Resp: 643595
Ion Ratio Lower Upper
99 100
42 23.7 14.2 21.4
71 38.5 24.3 36.5

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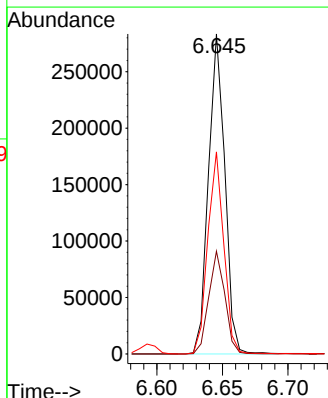
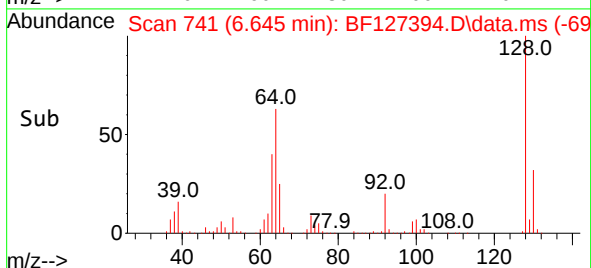
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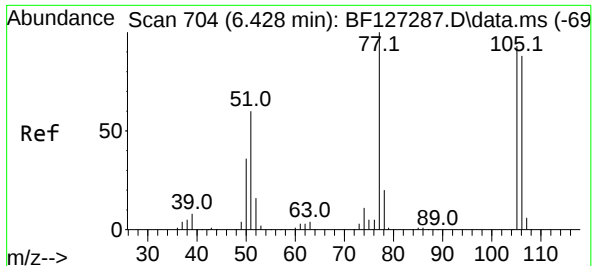


#8
2-Chlorophenol
Concen: 42.335 ng
RT: 6.645 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21



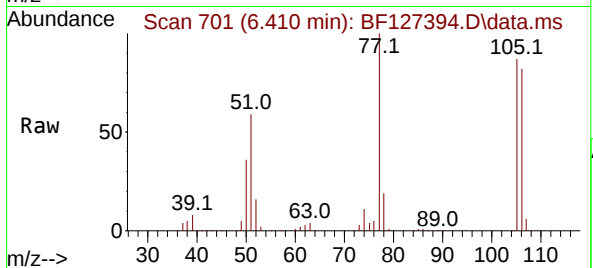
Tgt Ion:128 Resp: 246595
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 63.2 35.6 75.6





#9
Benzaldehyde
Concen: 38.915 ng
RT: 6.410 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

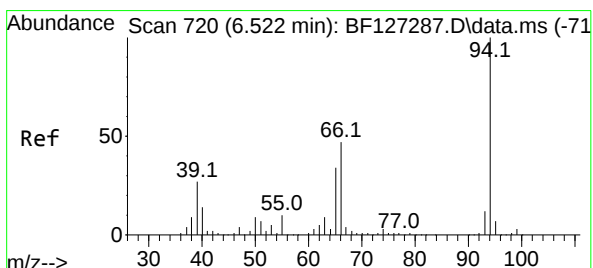
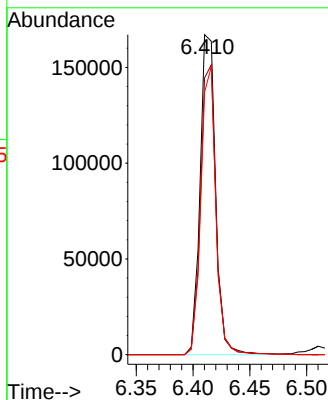
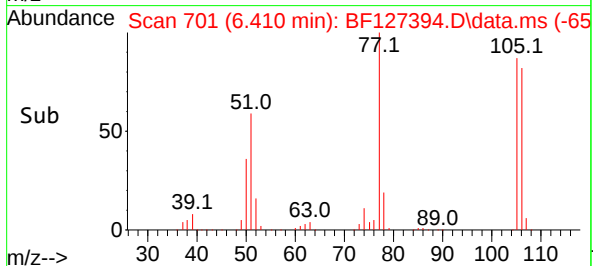
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Tgt Ion: 77 Resp: 159840
Ion Ratio Lower Upper
77 100
105 86.6 74.9 114.9
106 82.1 72.4 112.4

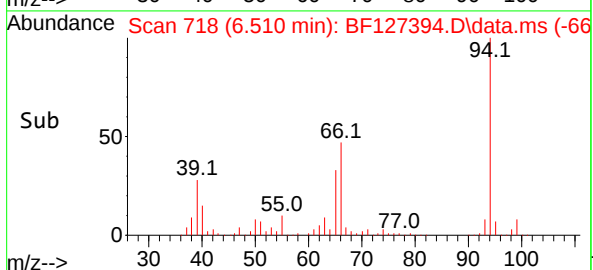
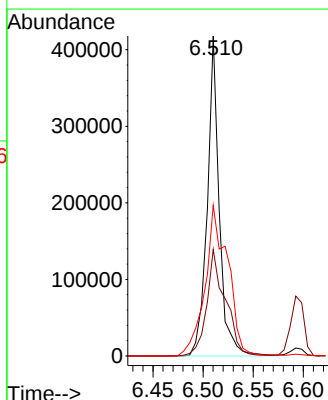
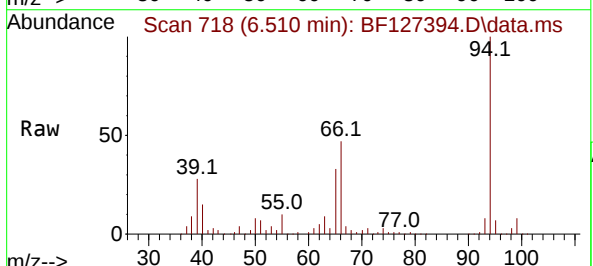
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#10
Phenol
Concen: 41.237 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Tgt Ion: 94 Resp: 350872
Ion Ratio Lower Upper
94 100
65 33.3 7.2 47.2
66 47.1 14.5 54.5





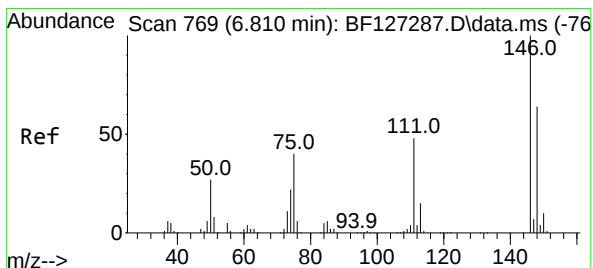
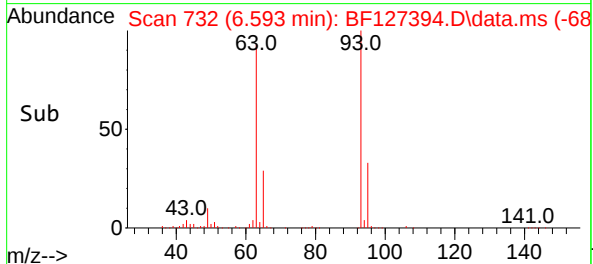
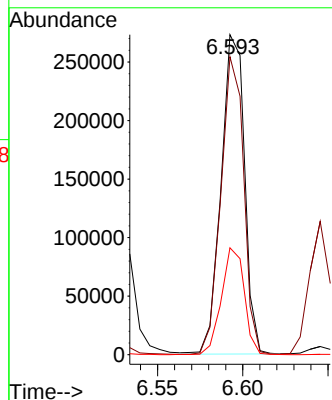
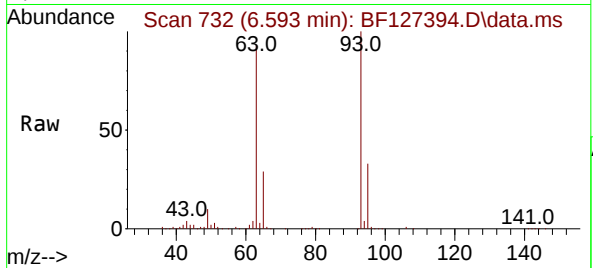
#11
bis(2-Chloroethyl)ether
Concen: 41.272 ng
RT: 6.593 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD

Tgt Ion: 93 Resp: 260785
Ion Ratio Lower Upper
93 100
63 93.1 60.5 100.5
95 33.4 12.9 52.9

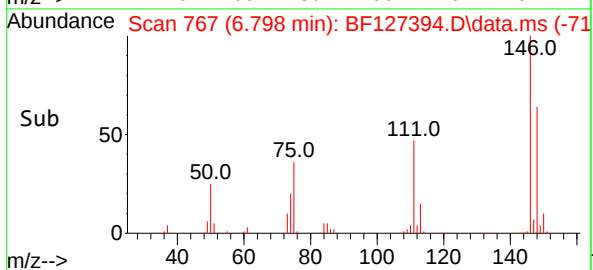
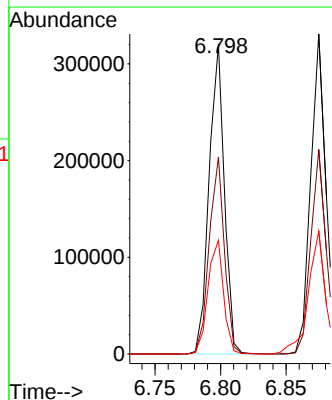
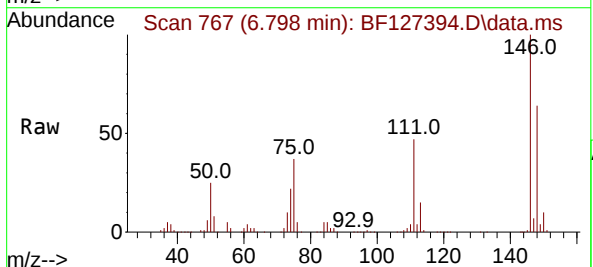
Manual Integrations
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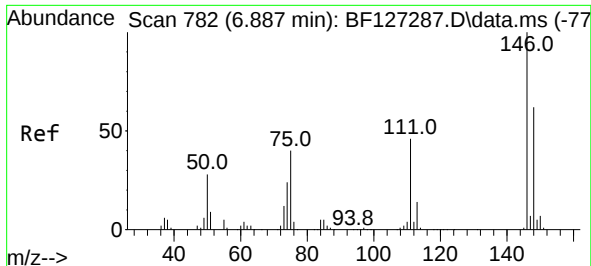
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#12
1,3-Dichlorobenzene
Concen: 39.727 ng
RT: 6.798 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Tgt Ion:146 Resp: 259753
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
75 36.7 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 39.901 ng

RT: 6.875 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

Tgt Ion:146 Resp: 26172

Ion Ratio Lower Upper

146 100

148 63.9 49.8 74.6

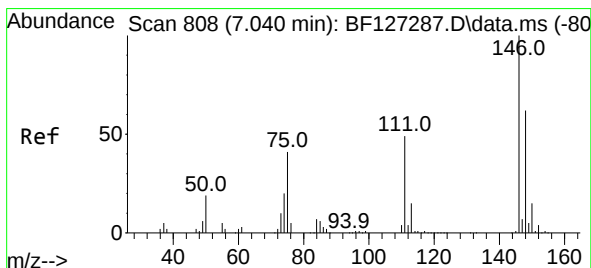
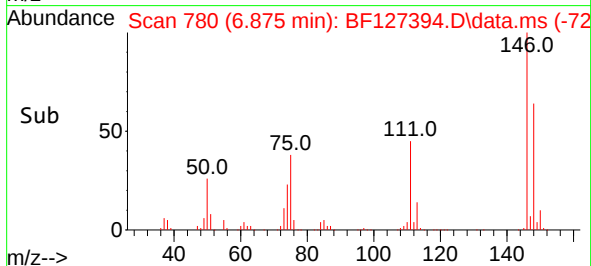
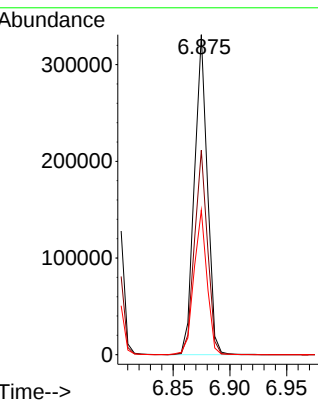
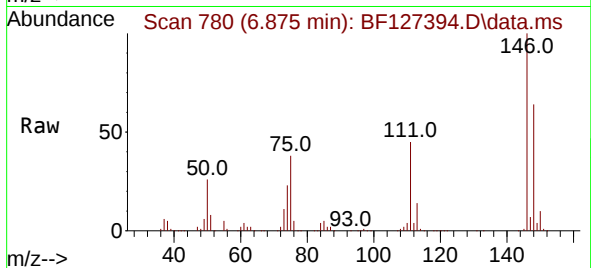
111 45.1 36.1 54.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/21/2022



#14

1,2-Dichlorobenzene

Concen: 40.356 ng

RT: 7.028 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

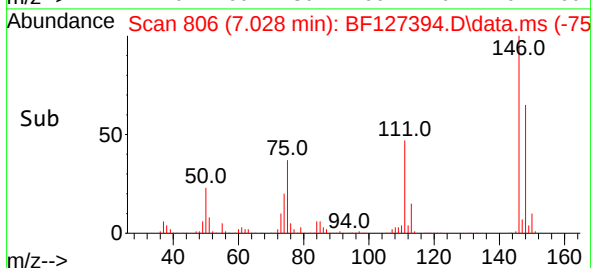
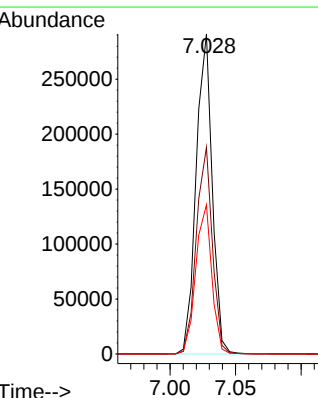
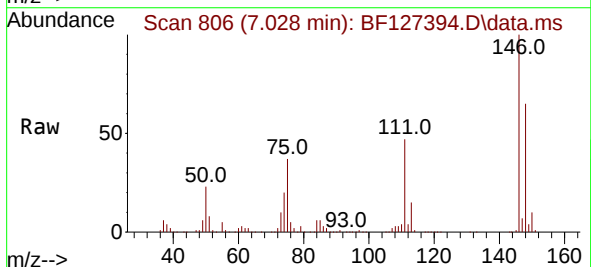
Tgt Ion:146 Resp: 249136

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

111 46.6 40.2 60.2





#15

Benzyl Alcohol

Concen: 42.623 ng

RT: 7.004 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA_F

ClientSampleId :

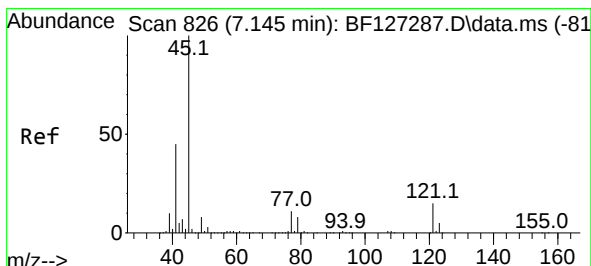
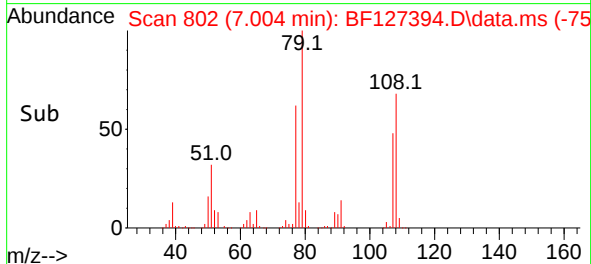
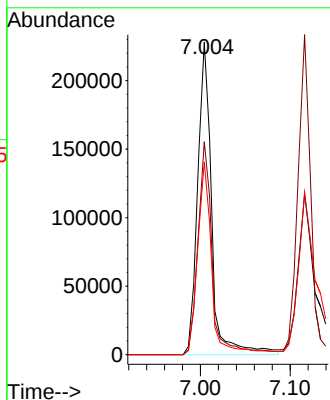
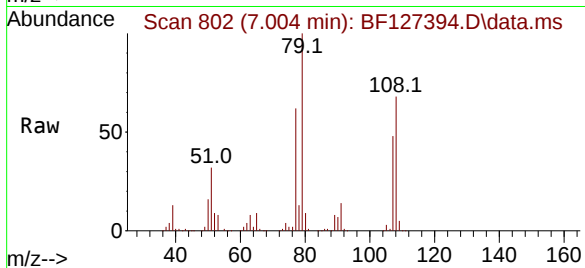
CP-BH1-031422-4-6-DUPMSD

Tgt Ion: 79 Resp: 247454
 Ion Ratio Lower Upper
 79 100
 108 68.2 63.2 94.8
 77 61.7 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/21/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.776 ng

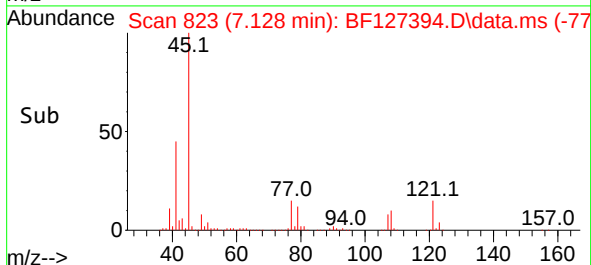
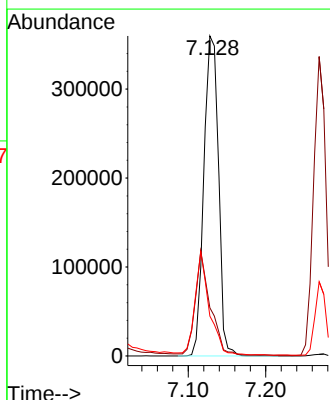
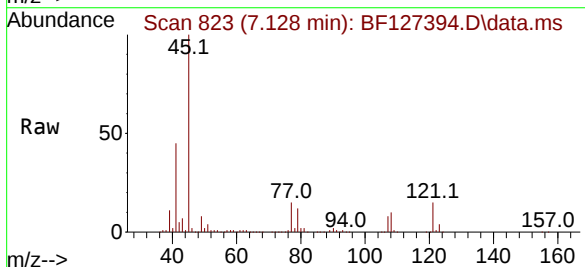
RT: 7.128 min Scan# 823

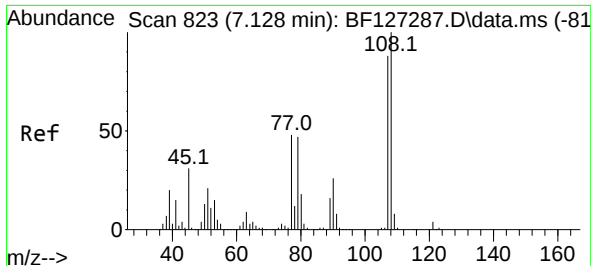
Delta R.T. -0.006 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

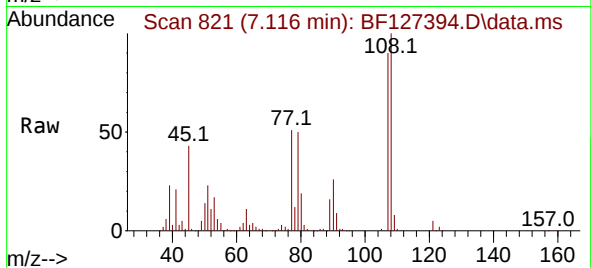
Tgt Ion: 45 Resp: 471657
 Ion Ratio Lower Upper
 45 100
 77 15.1 0.0 32.4
 79 12.5 0.0 29.8





#17
2-Methylphenol
Concen: 42.578 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

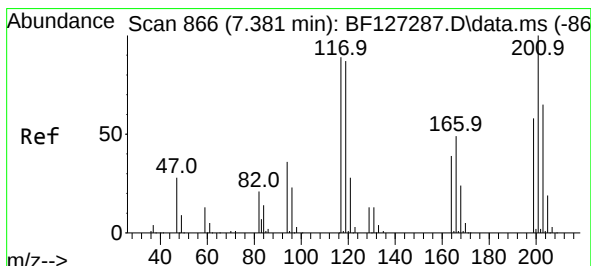
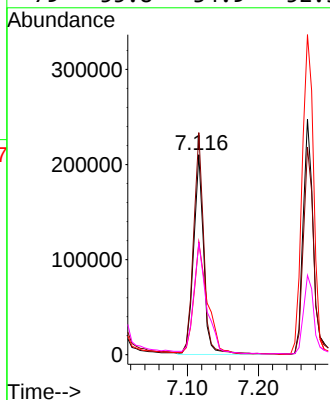
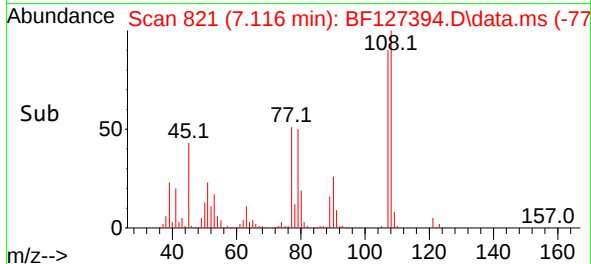
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:107 Resp: 21084
Ion Ratio Lower Upper
107 100
108 111.0 93.4 140.0
77 56.3 36.1 54.1
79 55.8 34.9 52.3#

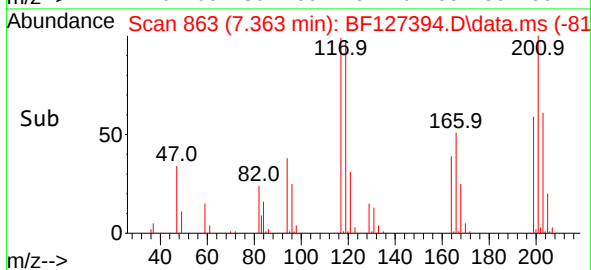
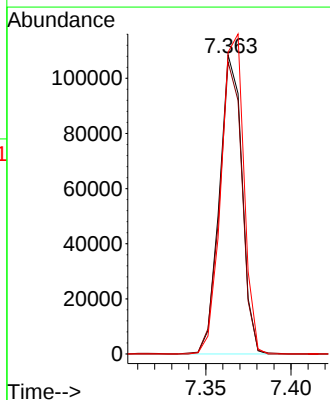
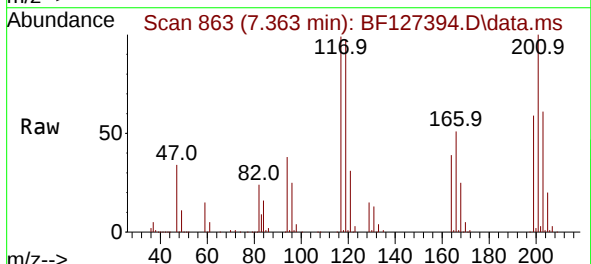
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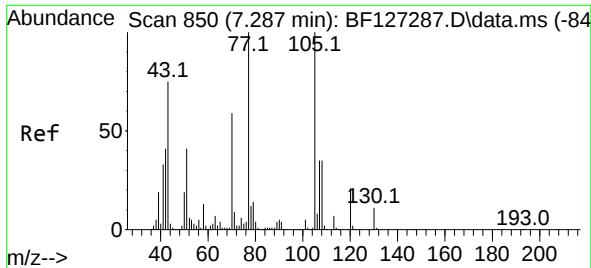
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#18
Hexachloroethane
Concen: 39.682 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

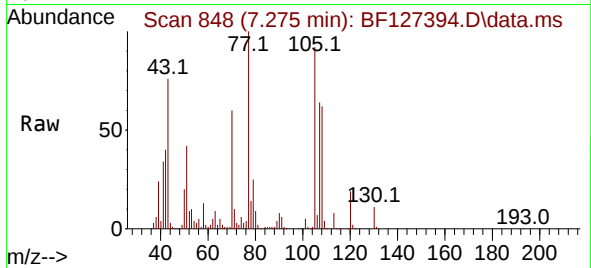
Tgt Ion:117 Resp: 99988
Ion Ratio Lower Upper
117 100
119 97.6 75.4 113.0
201 101.0 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 40.651 ng
RT: 7.275 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

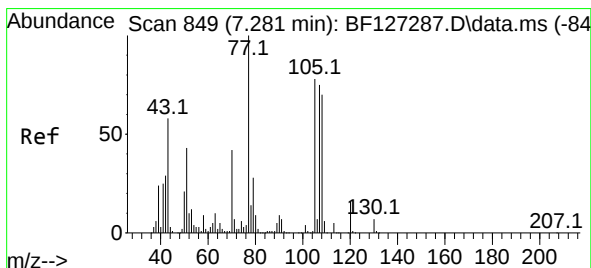
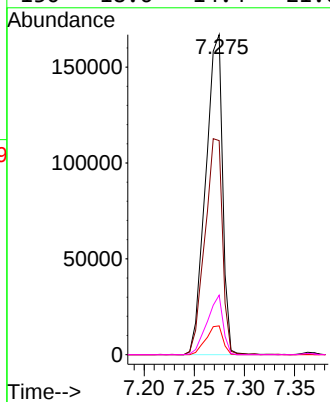
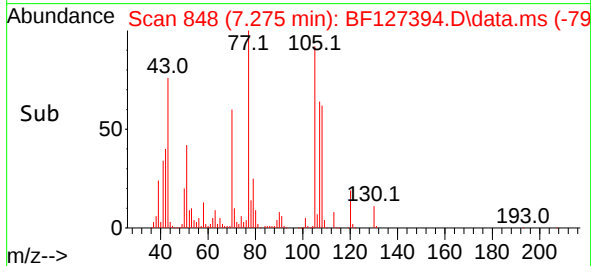
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



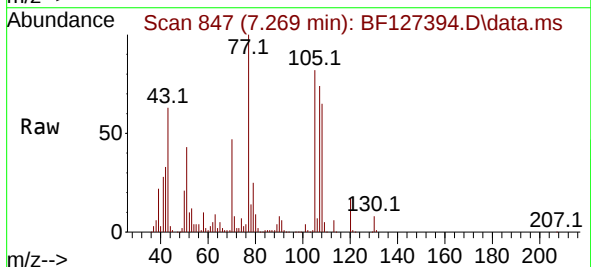
Tgt Ion: 70 Resp: 19649
Ion Ratio Lower Upper
70 100
42 66.9 45.8 68.8
101 9.0 6.9 10.3
130 18.6 14.4 21.6

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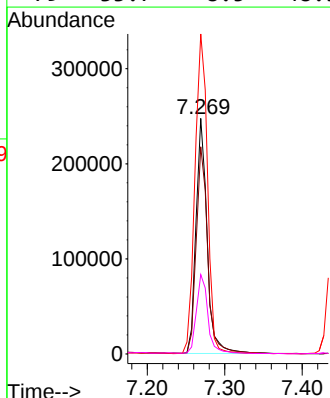
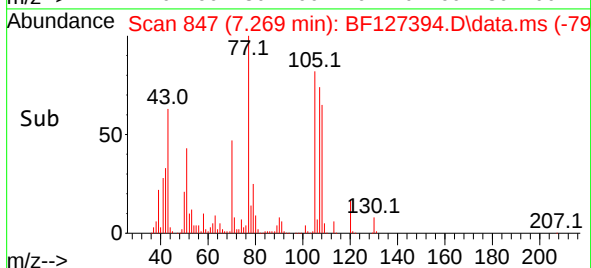
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

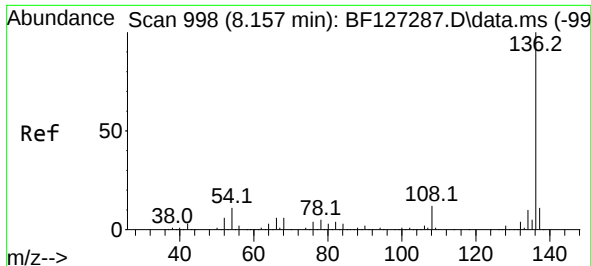


#20
3+4-Methylphenols
Concen: 38.274 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21



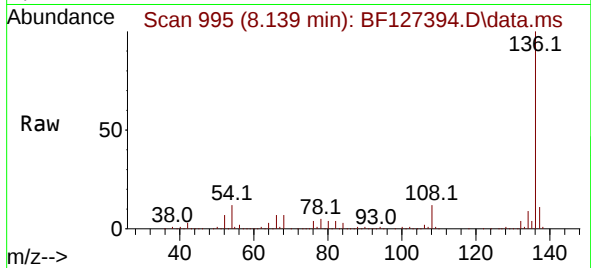
Tgt Ion:107 Resp: 245795
Ion Ratio Lower Upper
107 100
108 88.0 72.4 112.4
77 135.9 83.8 123.8#
79 33.7 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

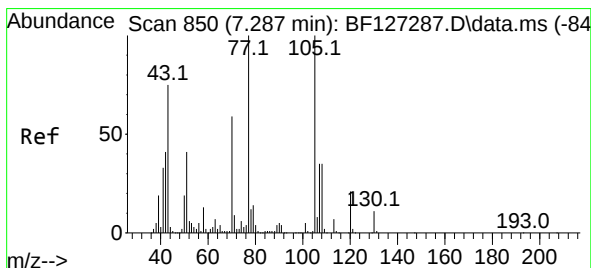
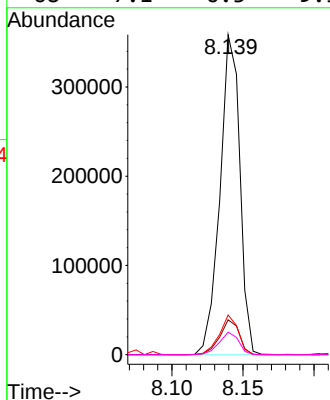
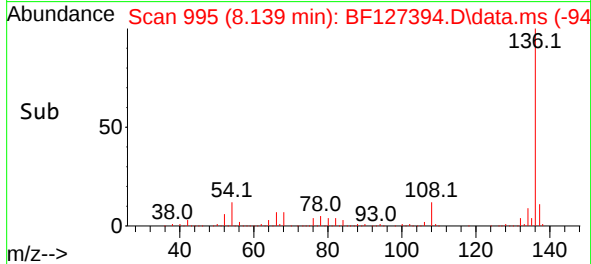
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:136 Resp: 349084
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 12.4 7.8 11.6
68 7.1 6.3 9.5

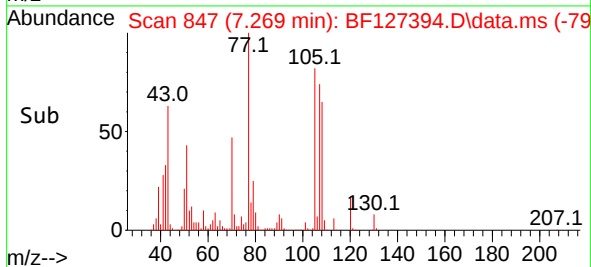
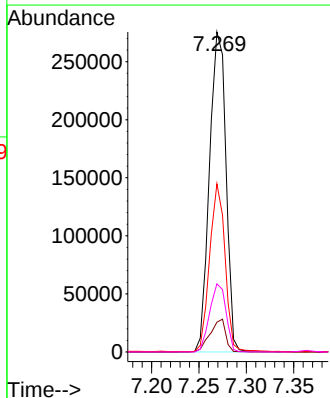
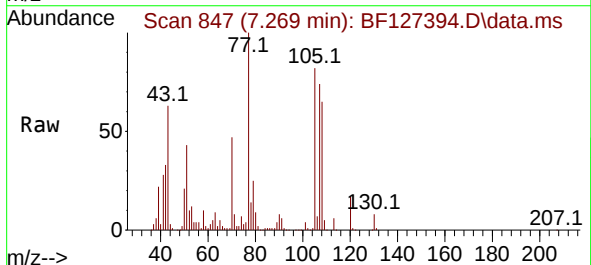
Manual Integrations
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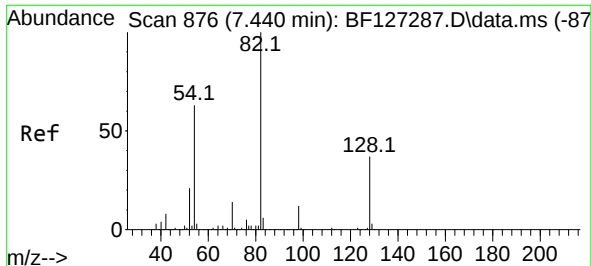
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#22
Acetophenone
Concen: 34.913 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

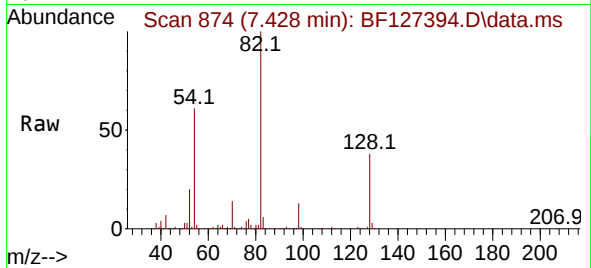
Tgt Ion:105 Resp: 333686
Ion Ratio Lower Upper
105 100
71 9.3 5.4 8.0#
51 52.6 27.4 41.0#
120 21.3 17.0 25.6





#23
Nitrobenzene-d5
Concen: 52.902 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

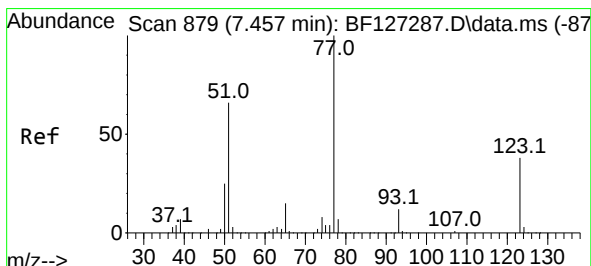
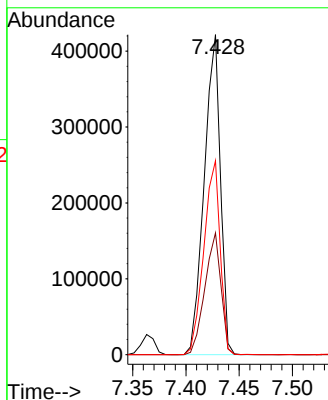
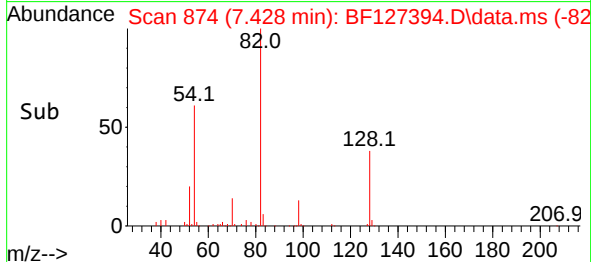
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion: 82 Resp: 447170
Ion Ratio Lower Upper
82 100
128 38.1 32.7 49.1
54 60.6 41.7 62.5

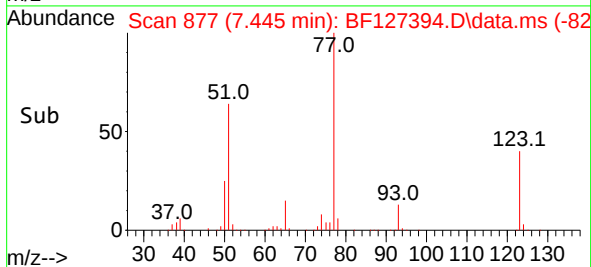
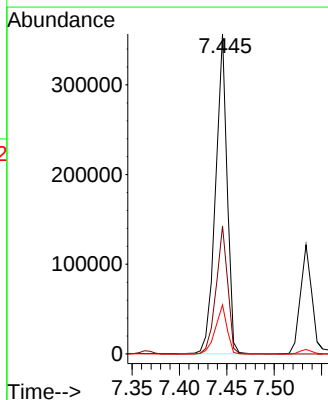
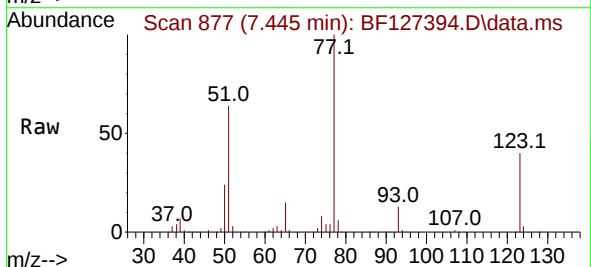
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#24
Nitrobenzene
Concen: 37.909 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Tgt Ion: 77 Resp: 303078
Ion Ratio Lower Upper
77 100
123 40.0 34.6 52.0
65 15.3 10.6 15.8





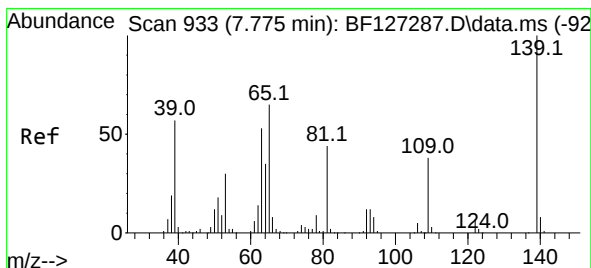
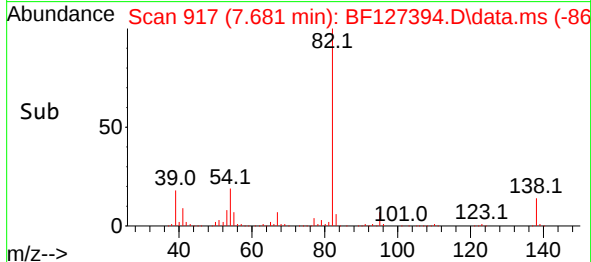
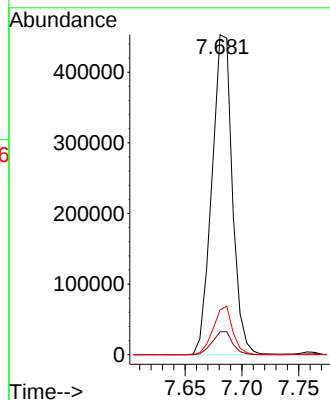
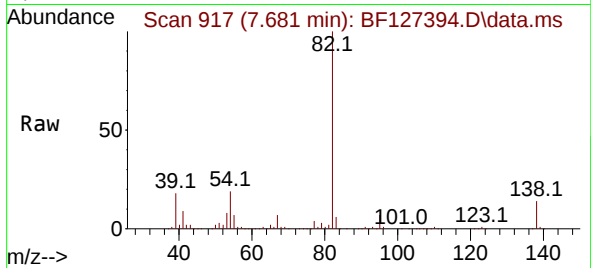
#25
Isophorone
Concen: 41.735 ng
RT: 7.681 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Instrument :
BNA_F
Client Sample Id :
CP-BH1-031422-4-6-DUPMSD

Tgt Ion: 82 Resp: 567254
Ion Ratio Lower Upper
82 100
95 7.2 5.0 7.4
138 14.0 12.3 18.5

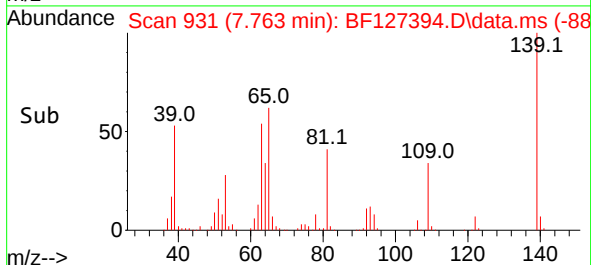
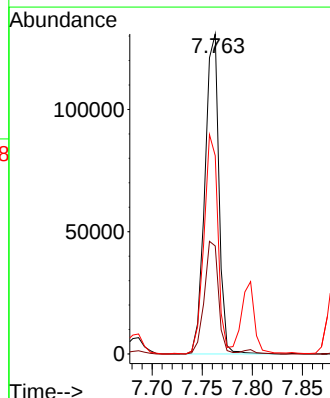
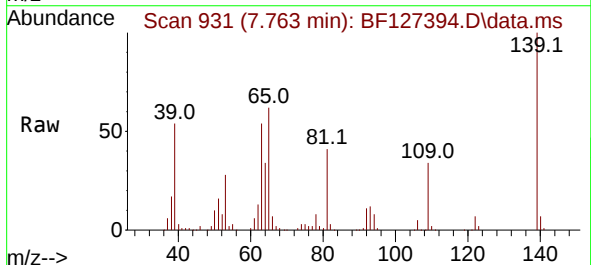
Manual Integrations
APPROVED

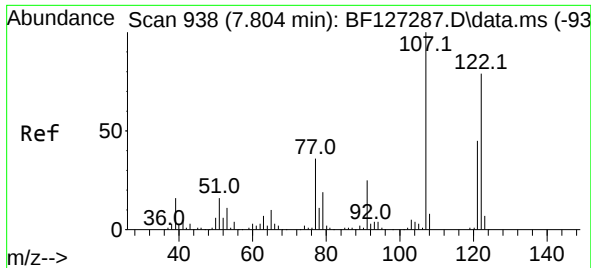
Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/21/2022



#26
2-Nitrophenol
Concen: 38.680 ng
RT: 7.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

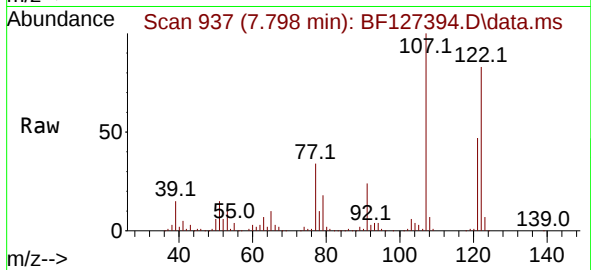
Tgt Ion: 139 Resp: 128064
Ion Ratio Lower Upper
139 100
109 33.8 20.0 30.0#
65 62.0 40.8 61.2#





#27
2,4-Dimethylphenol
Concen: 43.347 ng
RT: 7.798 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

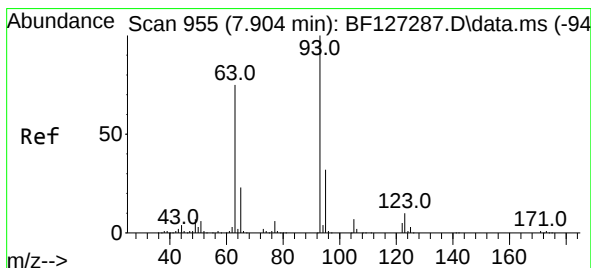
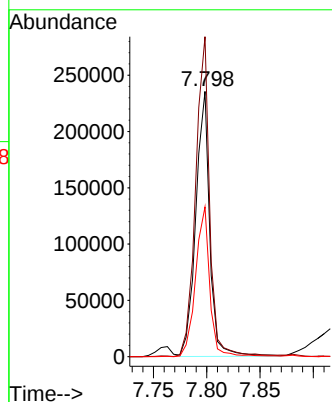
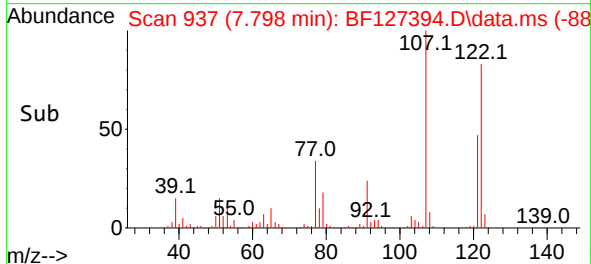
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



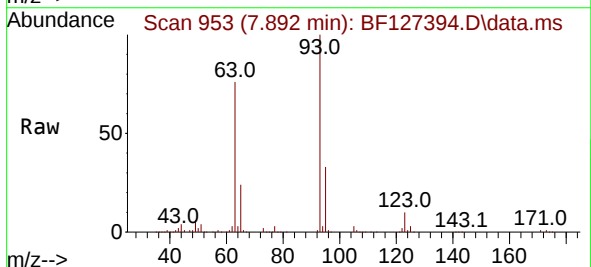
Tgt Ion:122 Resp: 215440
Ion Ratio Lower Upper
122 100
107 120.6 91.2 136.8
121 56.5 44.4 66.6

Manual Integrations
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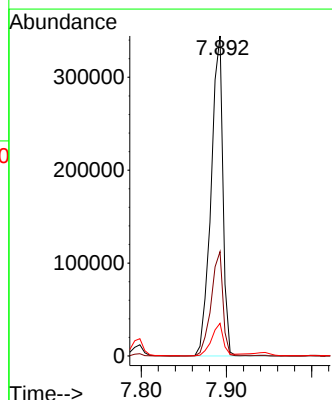
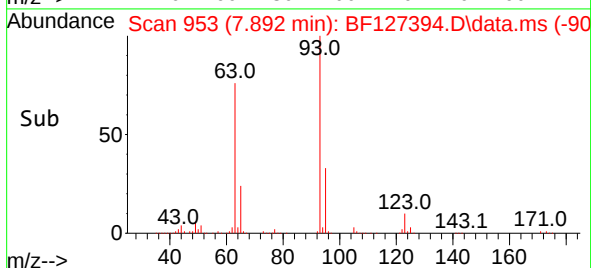
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#28
bis(2-Chloroethoxy)methane
Concen: 38.742 ng
RT: 7.892 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21



Tgt Ion: 93 Resp: 333650
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 10.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 38.721 ng

RT: 8.004 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127394.D

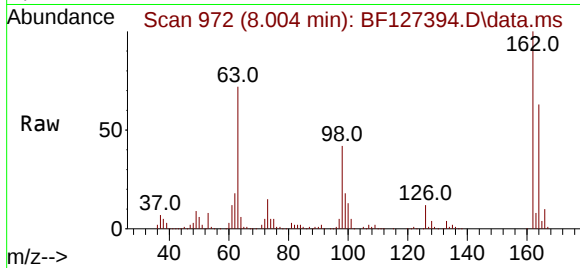
Acq: 18 Mar 2022 16:21

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

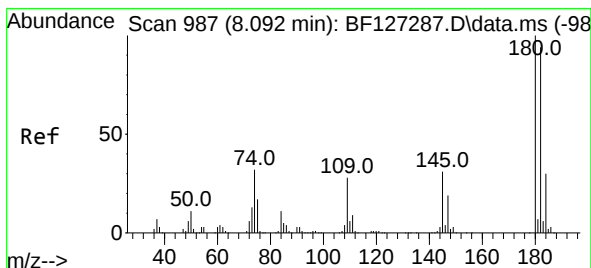
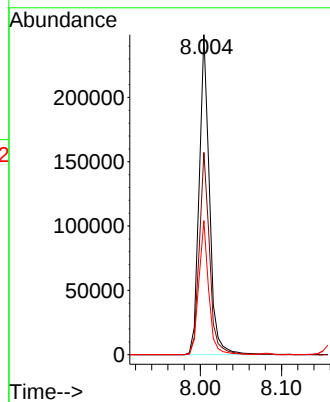
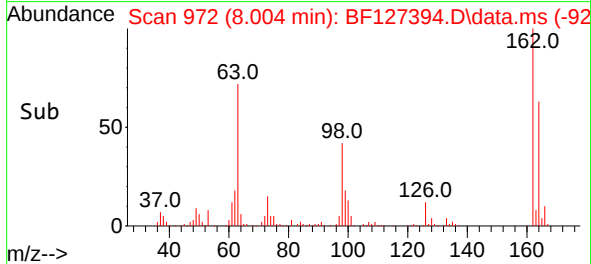


Tgt Ion:	162	Resp:	220390
Ion Ratio	Lower	Upper	
162	100		
164	63.2	43.8	83.8
98	41.9	23.6	63.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 36.891 ng

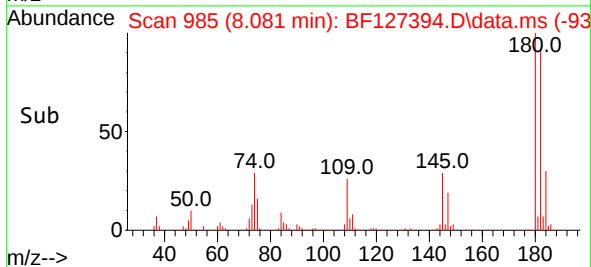
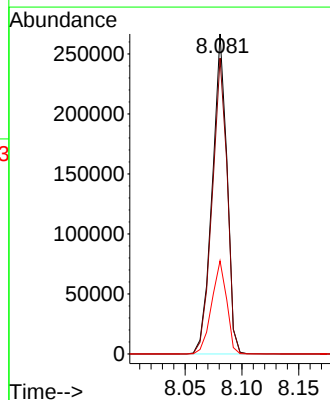
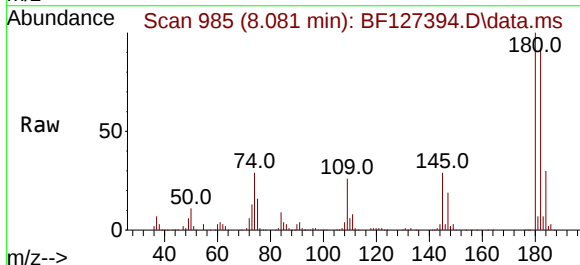
RT: 8.081 min Scan# 985

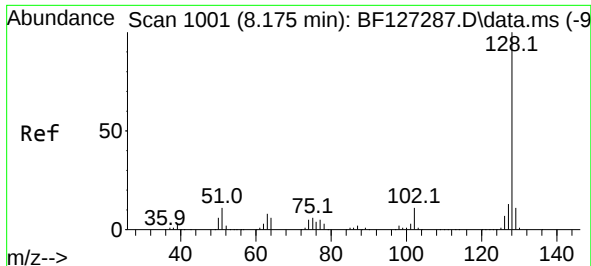
Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

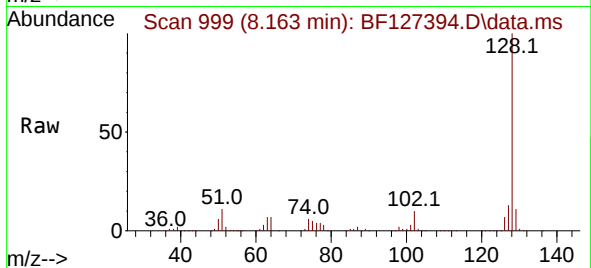
Tgt Ion:	180	Resp:	239389
Ion Ratio	Lower	Upper	
180	100		
182	92.4	75.5	113.3
145	29.1	26.2	39.2





#31
Naphthalene
Concen: 38.054 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

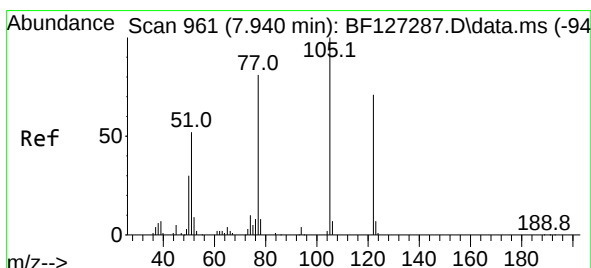
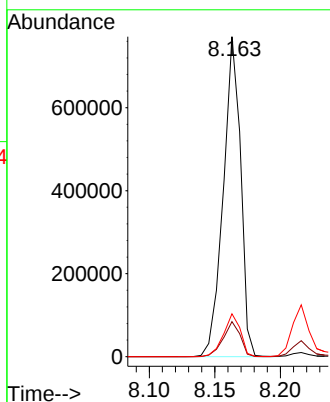
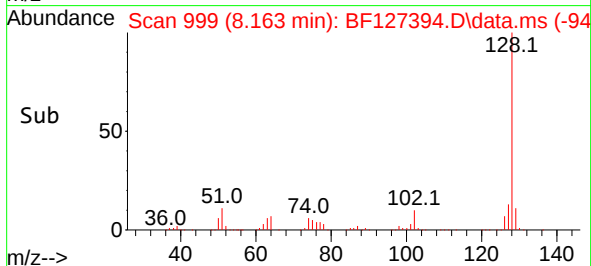
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:128 Resp: 70862
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.3 15.5

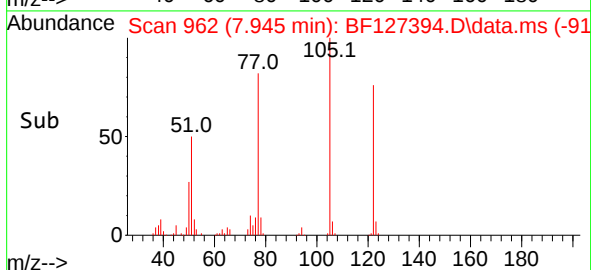
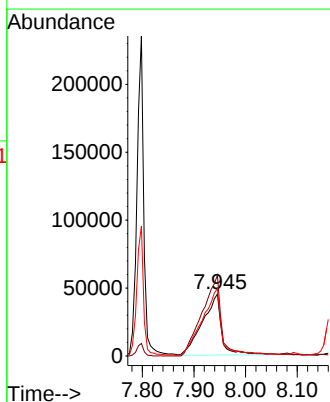
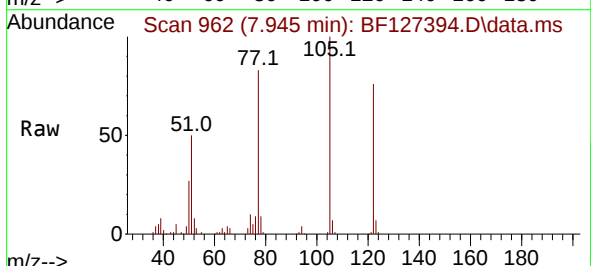
Manual Integrations
APPROVED

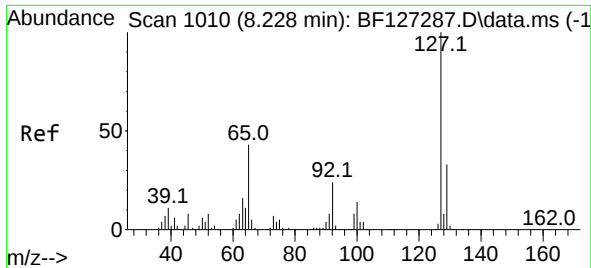
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#32
Benzoic acid
Concen: 35.667 ng
RT: 7.945 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Tgt Ion:122 Resp: 116396
Ion Ratio Lower Upper
122 100
105 130.7 101.0 141.0
77 108.6 74.5 114.5





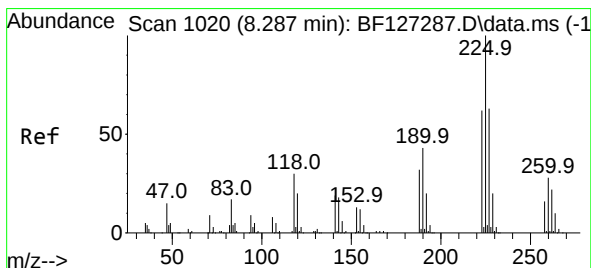
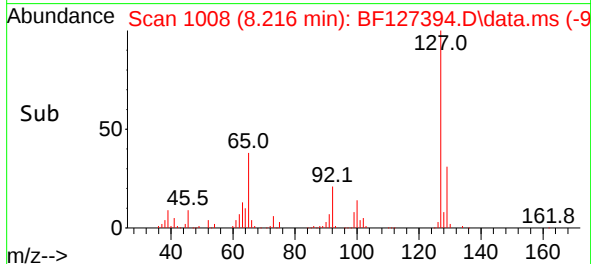
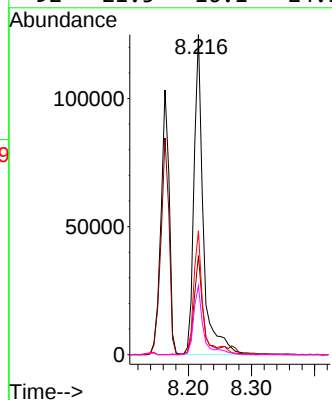
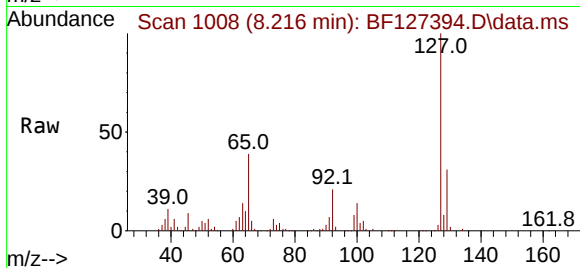
#33
4-Chloroaniline
Concen: 17.864 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD

Tgt Ion:127	Resp: 128939
Ion Ratio	Lower Upper
127 100	
129 30.9	26.5 39.7
65 38.7	26.6 39.8
92 21.5	16.1 24.1

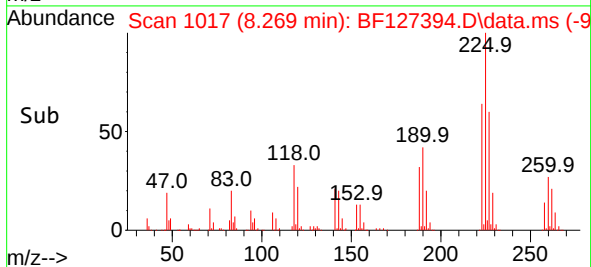
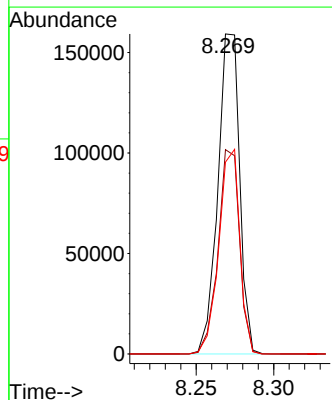
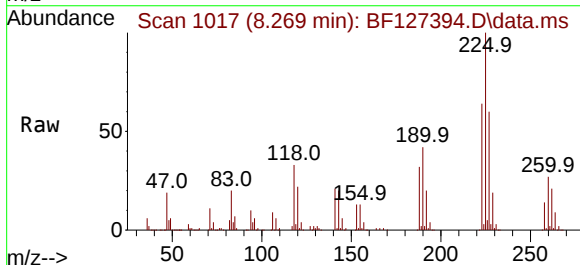
Manual Integrations
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Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#34
Hexachlorobutadiene
Concen: 36.038 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

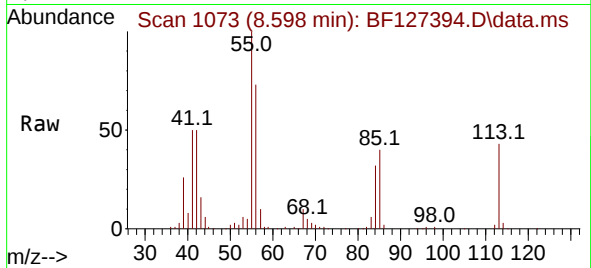
Tgt Ion:225	Resp: 155942
Ion Ratio	Lower Upper
225 100	
223 63.9	48.6 73.0
227 60.0	51.4 77.0





#35
 Caprolactam
 Concen: 42.136 ng m
 RT: 8.598 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: BF127394.D
 Acq: 18 Mar 2022 16:21

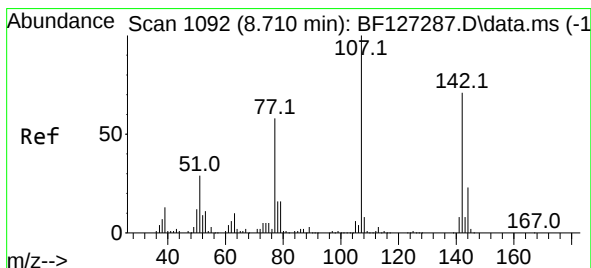
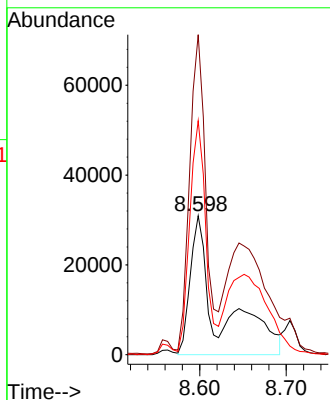
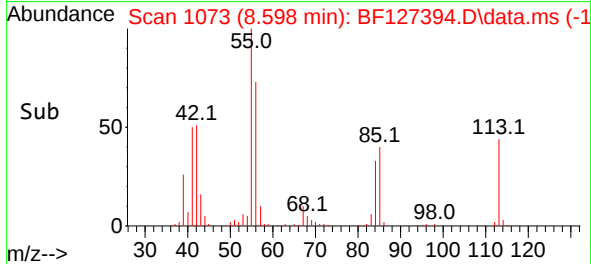
Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-4-6-DUPMSD



Tgt Ion:113 Resp: 71648
 Ion Ratio Lower Upper
 113 100
 55 230.5 183.9 223.9
 56 168.5 129.9 169.9

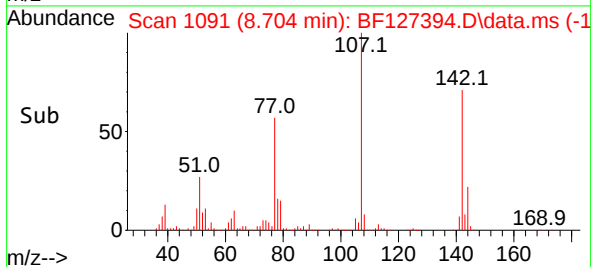
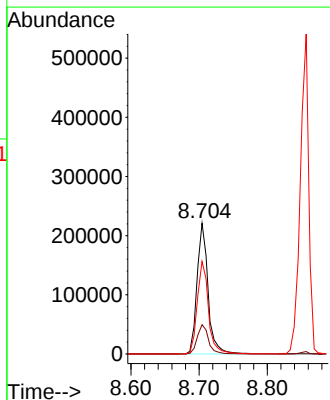
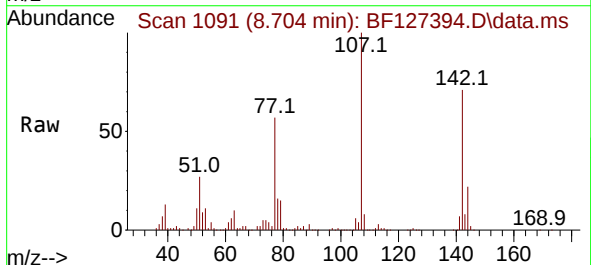
Manual Integrations
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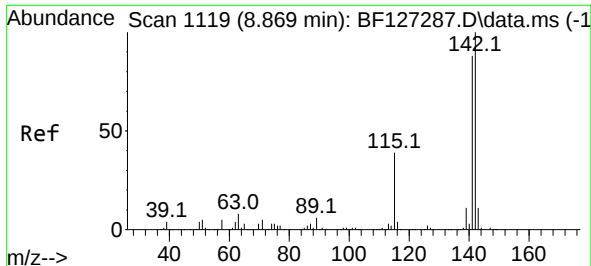
Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/21/2022



#36
 4-Chloro-3-methylphenol
 Concen: 40.301 ng
 RT: 8.704 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: BF127394.D
 Acq: 18 Mar 2022 16:21

Tgt Ion:107 Resp: 248625
 Ion Ratio Lower Upper
 107 100
 144 22.4 18.5 27.7
 142 70.7 58.1 87.1





#37

2-Methylnaphthalene

Concen: 38.536 ng

RT: 8.857 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

Tgt Ion:142 Resp: 46888

Ion Ratio Lower Upper

142 100

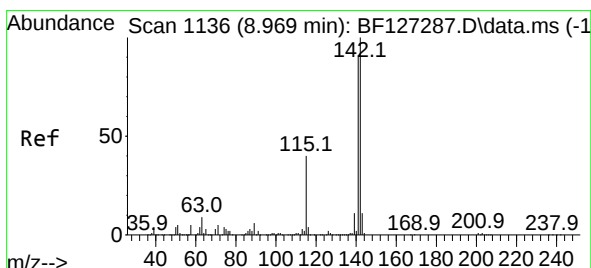
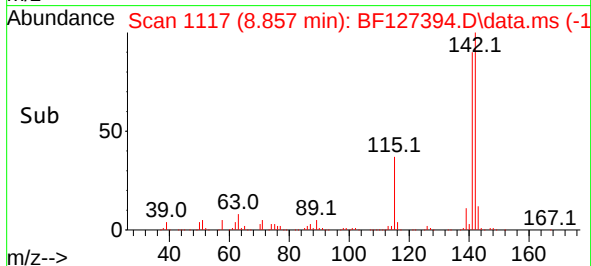
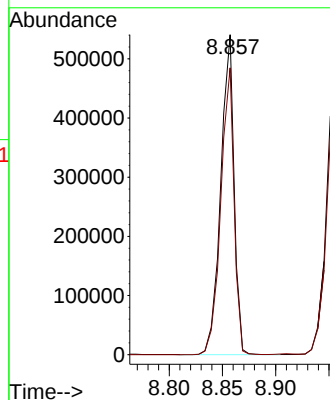
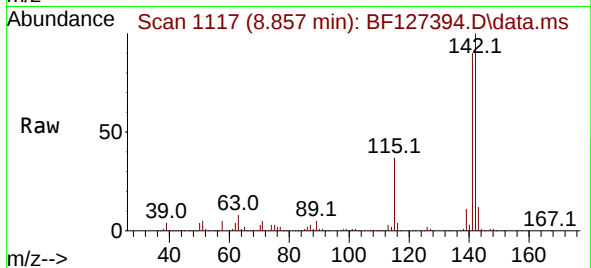
141 89.6 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/21/2022



#38

1-Methylnaphthalene

Concen: 38.366 ng

RT: 8.957 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF127394.D

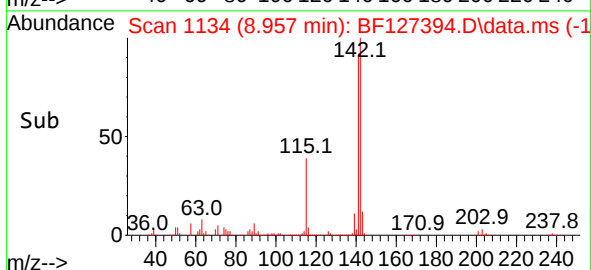
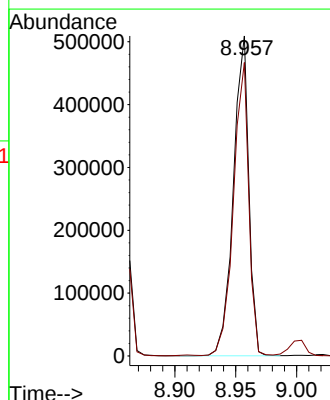
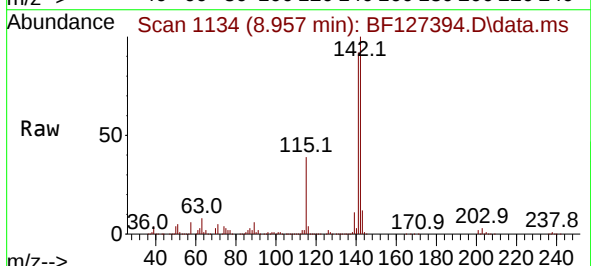
Acq: 18 Mar 2022 16:21

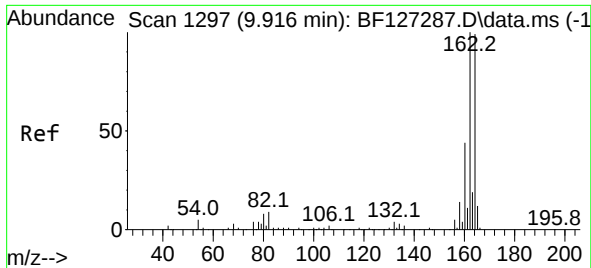
Tgt Ion:142 Resp: 448784

Ion Ratio Lower Upper

142 100

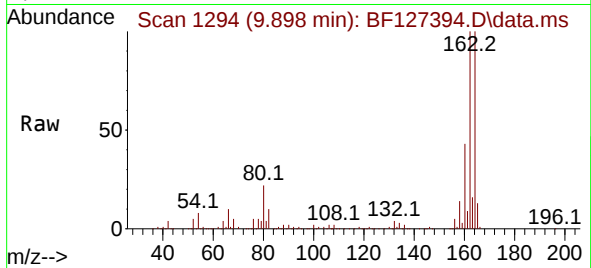
141 91.7 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

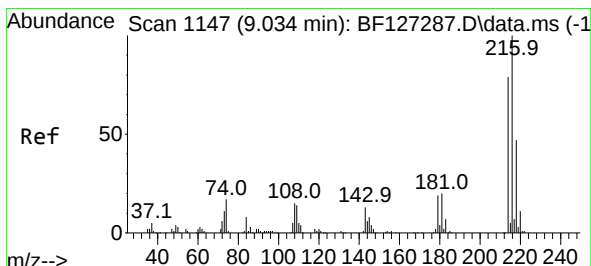
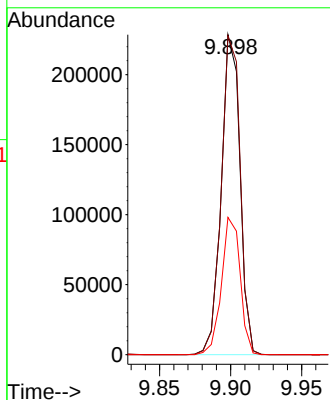
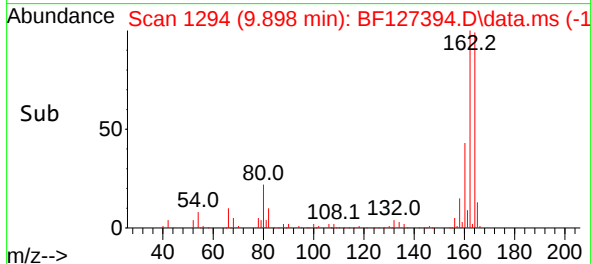
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



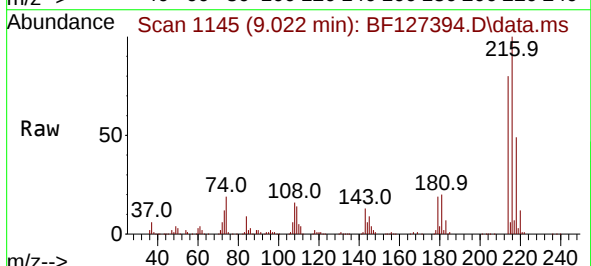
Tgt Ion:164 Resp: 20886
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 42.9 36.6 54.8

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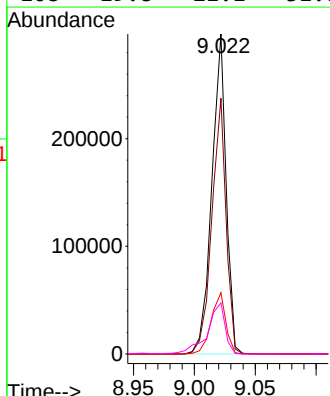
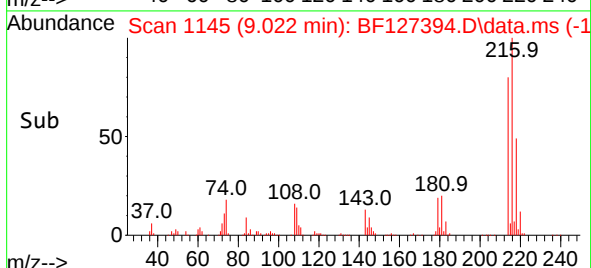
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

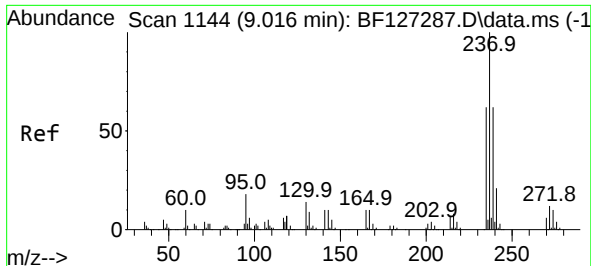


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.849 ng
RT: 9.022 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21



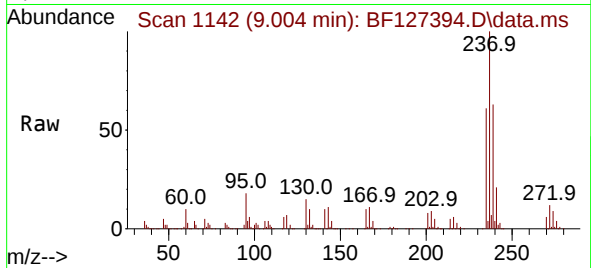
Tgt Ion:216 Resp: 243639
Ion Ratio Lower Upper
216 100
214 79.5 64.6 96.8
179 19.6 19.5 29.3
108 19.8 21.1 31.7#





#41
Hexachlorocyclopentadiene
Concen: 76.368 ng
RT: 9.004 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

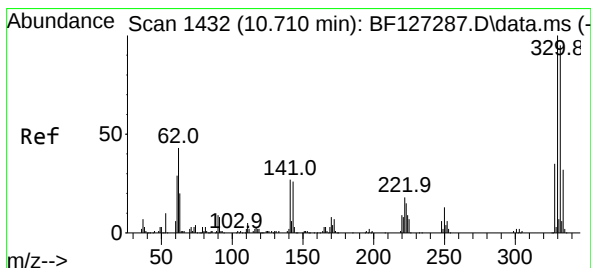
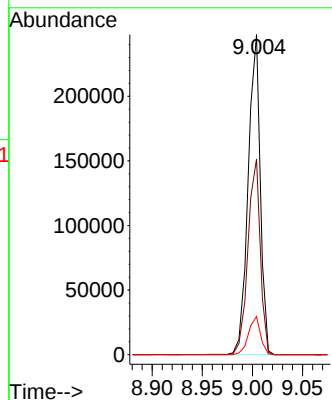
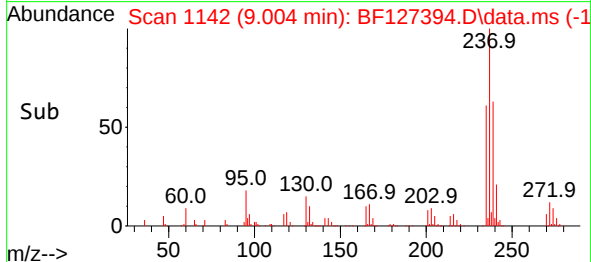
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



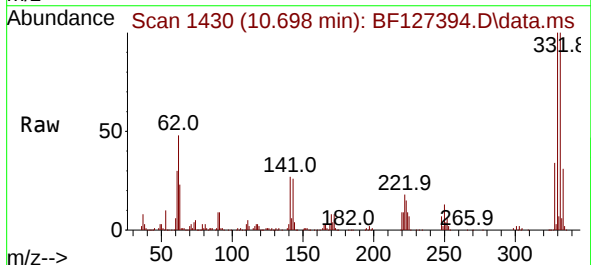
Tgt Ion:237 Resp: 209892
Ion Ratio Lower Upper
237 100
235 61.2 38.9 78.9
272 11.9 0.0 33.5

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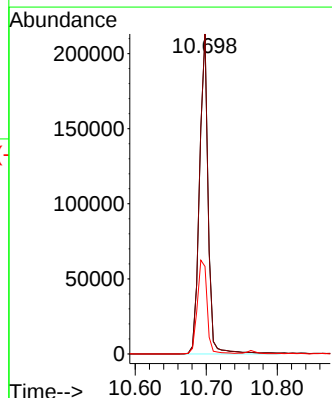
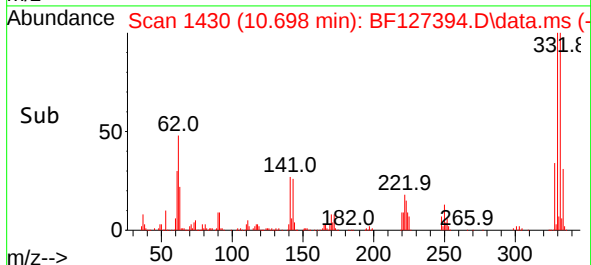
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

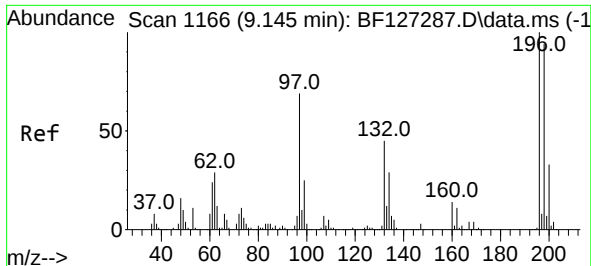


#42
2,4,6-Tribromophenol
Concen: 80.663 ng
RT: 10.698 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21



Tgt Ion:330 Resp: 181360
Ion Ratio Lower Upper
330 100
332 99.2 76.0 114.0
141 33.1 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 37.456 ng

RT: 9.139 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

Tgt Ion:196 Resp: 156300

Ion Ratio Lower Upper

196 100

198 96.2 78.5 117.7

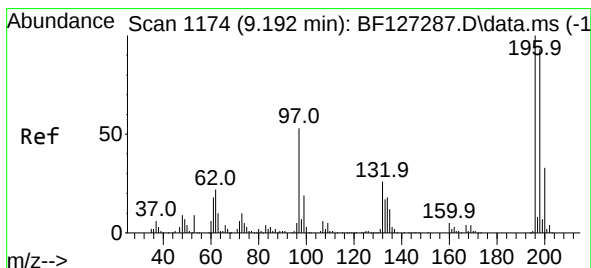
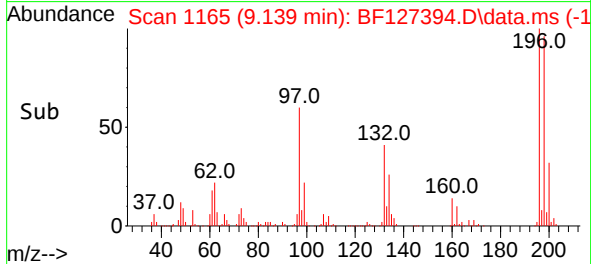
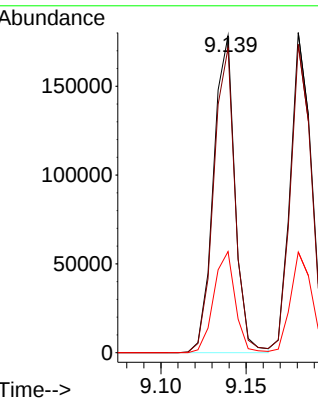
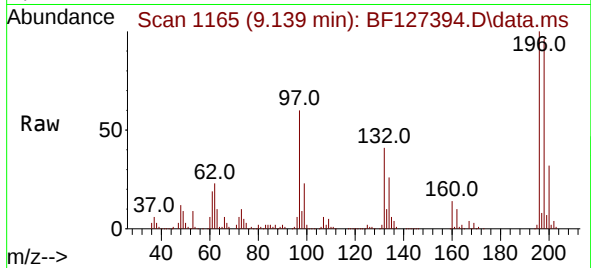
200 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/21/2022



#44

2,4,5-Trichlorophenol

Concen: 38.016 ng

RT: 9.181 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Tgt Ion:196 Resp: 168369

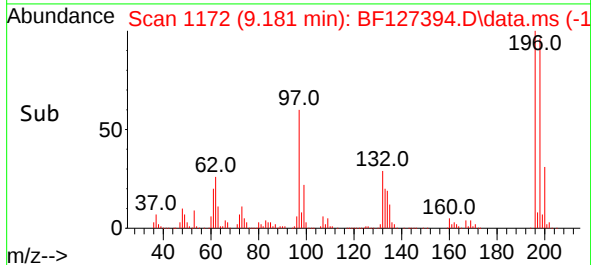
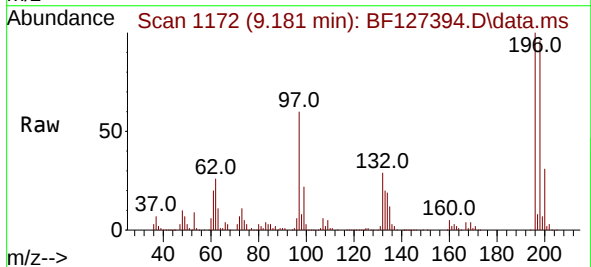
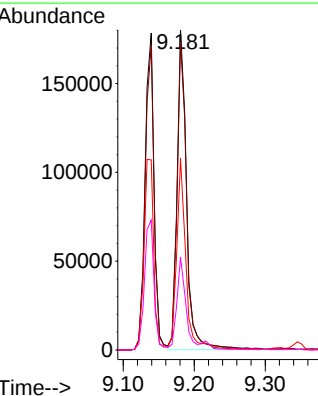
Ion Ratio Lower Upper

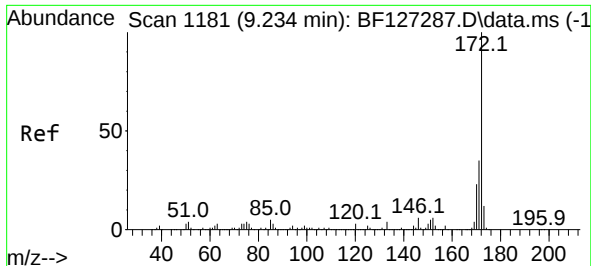
196 100

198 96.3 82.0 123.0

97 59.9 53.5 80.3

132 29.1 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 53.724 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF127394.D

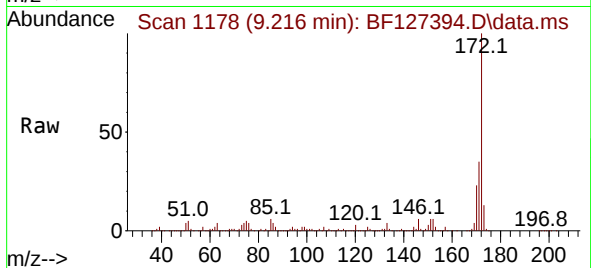
Acq: 18 Mar 2022 16:21

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD



Tgt Ion:172 Resp: 793674

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

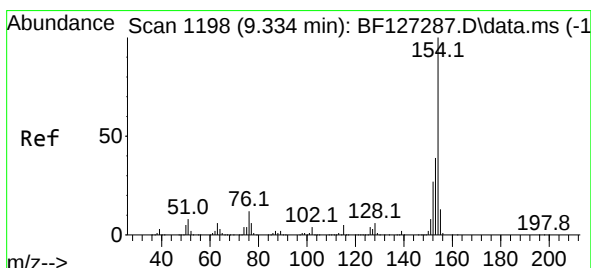
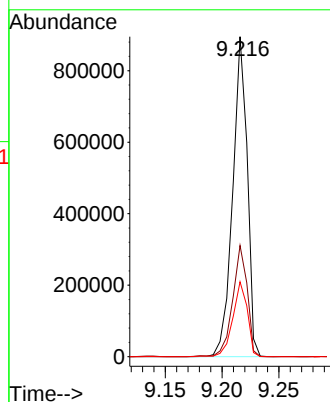
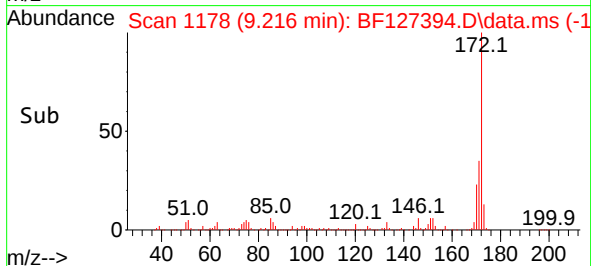
170 23.4 19.0 28.6

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#46

1,1'-Biphenyl

Concen: 37.858 ng

RT: 9.322 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

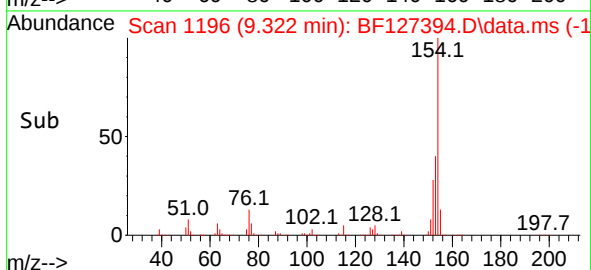
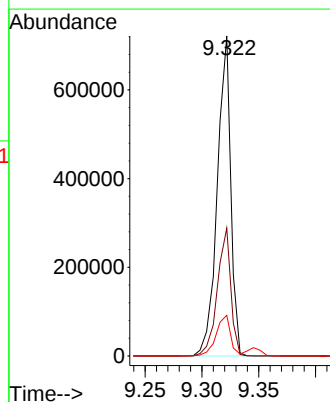
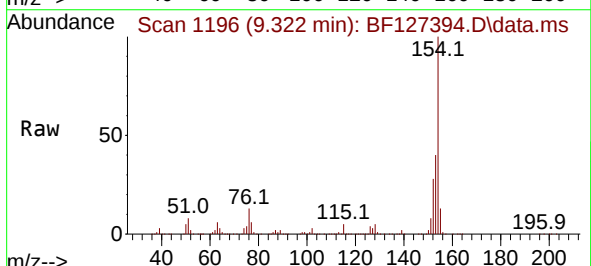
Tgt Ion:154 Resp: 596782

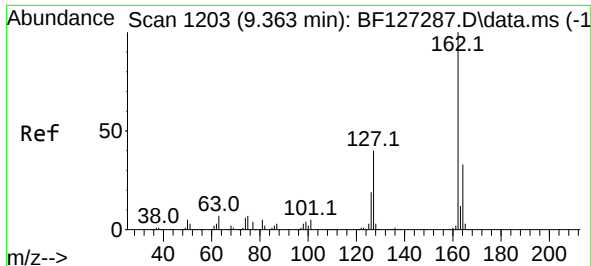
Ion Ratio Lower Upper

154 100

153 40.0 19.0 59.0

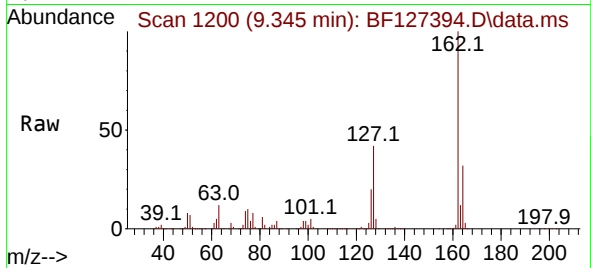
76 12.7 0.0 34.5





#47
2-Chloronaphthalene
Concen: 37.659 ng
RT: 9.345 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

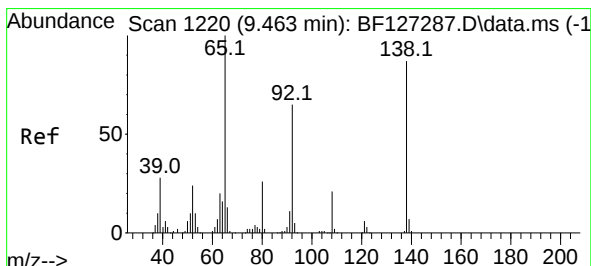
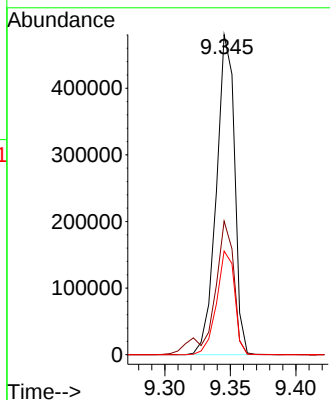
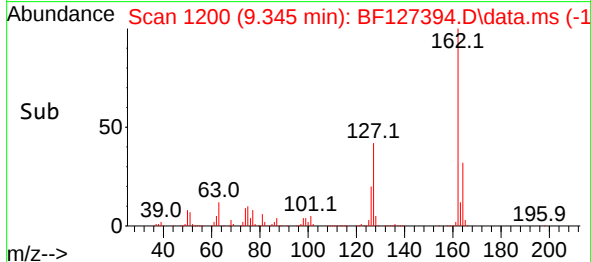
Instrument : BNA_F
ClientSampleId : CP-BH1-031422-4-6-DUPMSD



Tgt Ion:162 Resp: 462105
Ion Ratio Lower Upper
162 100
127 41.8 33.5 50.3
164 32.4 26.2 39.4

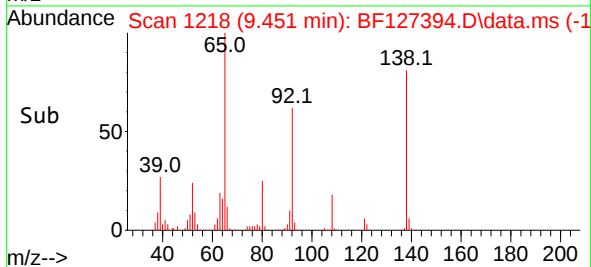
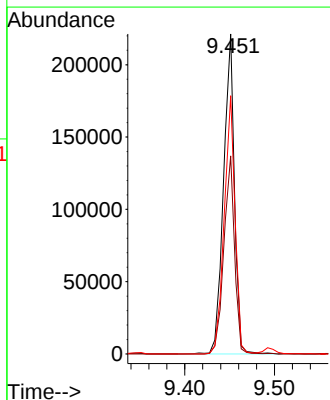
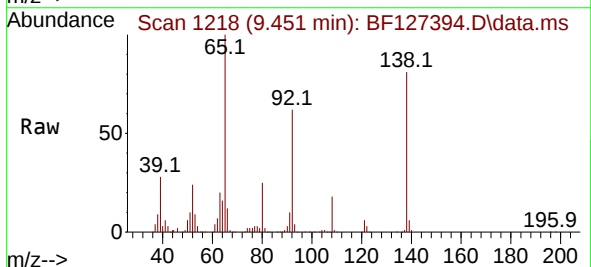
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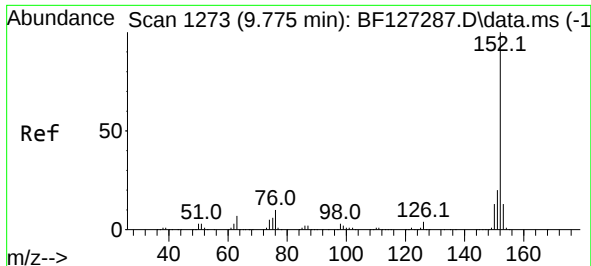
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#48
2-Nitroaniline
Concen: 39.507 ng
RT: 9.451 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

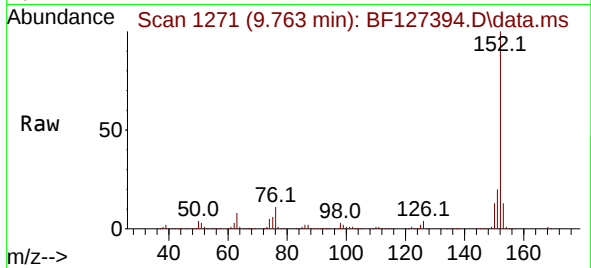
Tgt Ion: 65 Resp: 186526
Ion Ratio Lower Upper
65 100
92 61.9 54.4 81.6
138 80.7 72.5 108.7





#49
Acenaphthylene
Concen: 40.220 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

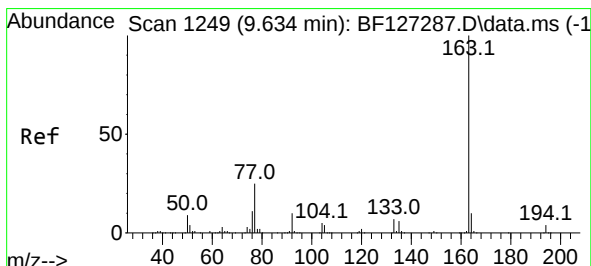
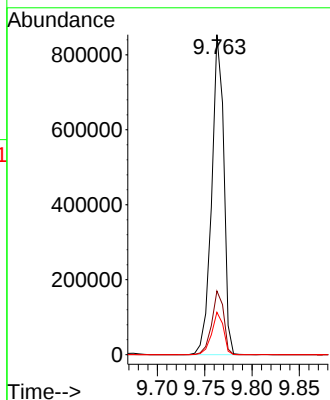
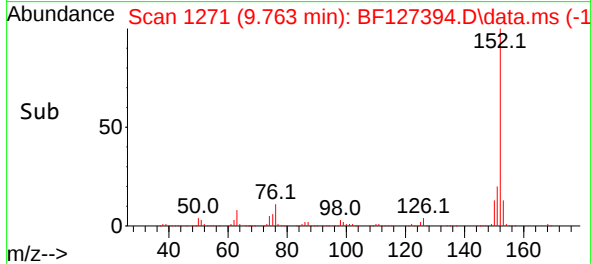
Instrument : BNA_F
ClientSampleId : CP-BH1-031422-4-6-DUPMSD



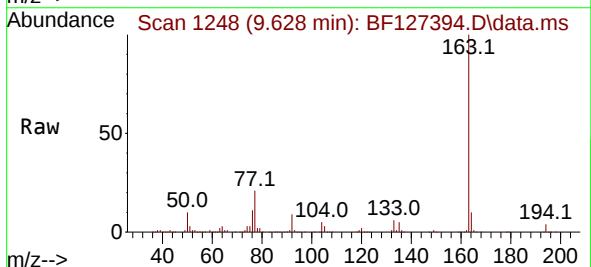
Tgt Ion:152 Resp: 75527
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.2 11.4 17.0

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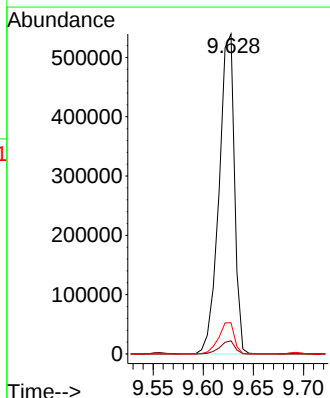
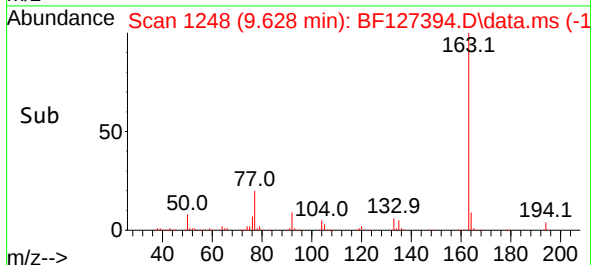
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

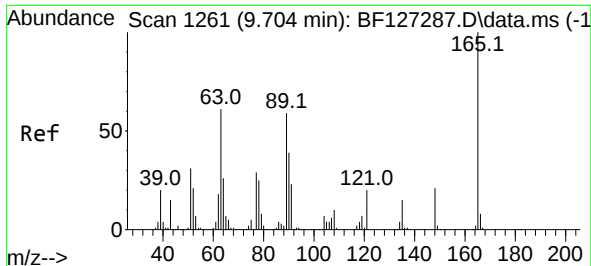


#50
Dimethylphthalate
Concen: 38.478 ng
RT: 9.628 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21



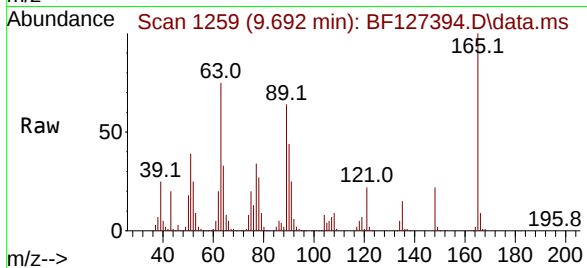
Tgt Ion:163 Resp: 575869
Ion Ratio Lower Upper
163 100
194 4.1 2.6 3.8#
164 9.7 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 41.208 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

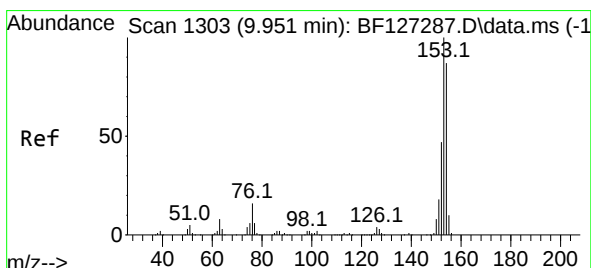
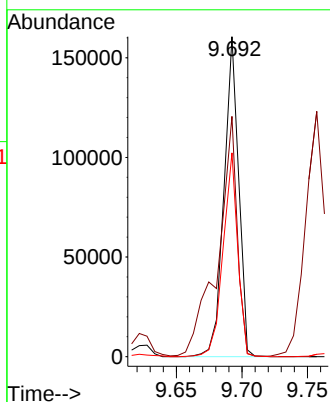
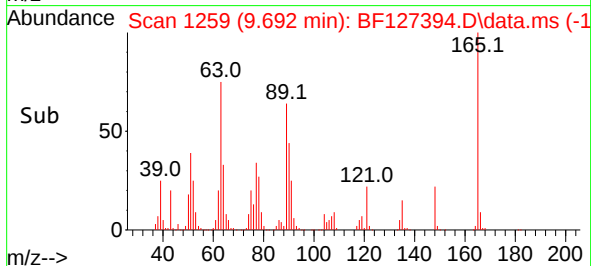
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:165 Resp: 124752
Ion Ratio Lower Upper
165 100
63 75.1 48.4 72.6
89 63.7 50.5 75.7

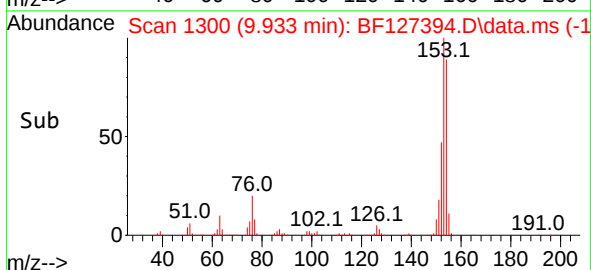
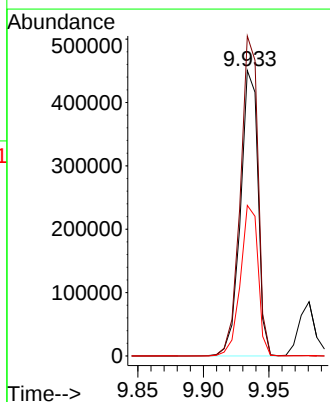
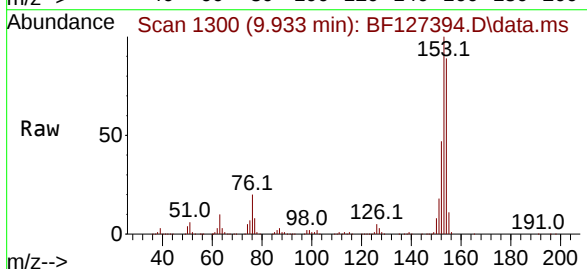
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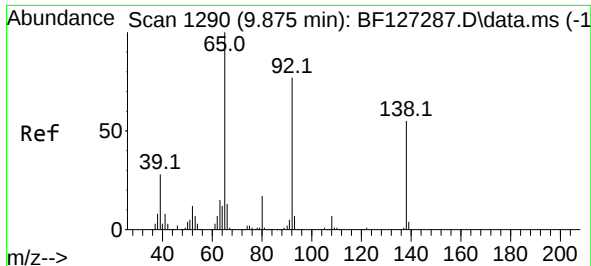
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#52
Acenaphthene
Concen: 37.600 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Tgt Ion:154 Resp: 420885
Ion Ratio Lower Upper
154 100
153 112.1 87.8 131.6
152 52.8 39.4 59.2





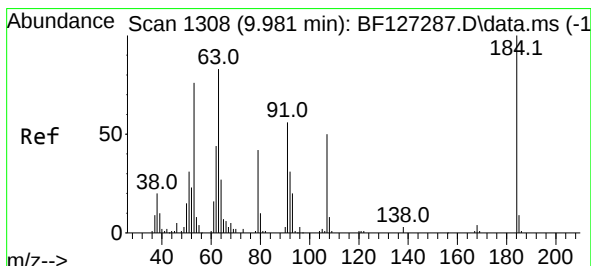
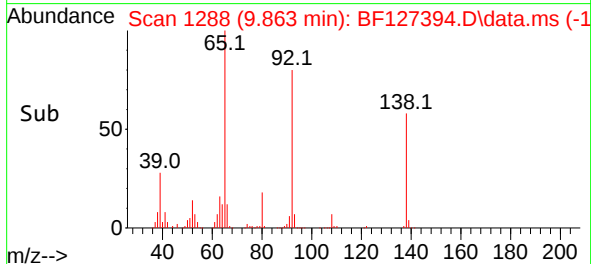
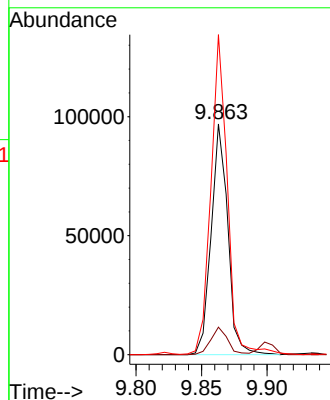
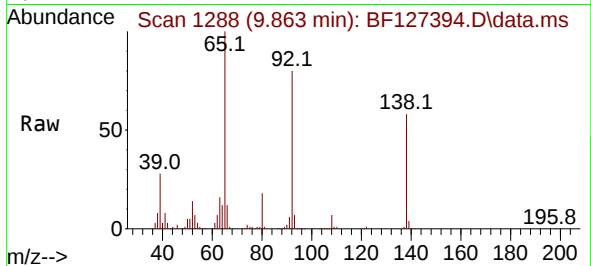
#53
3-Nitroaniline
Concen: 25.924 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD

Tgt Ion:138 Resp: 85529
Ion Ratio Lower Upper
138 100
108 12.0 8.6 13.0
92 138.7 105.0 157.6

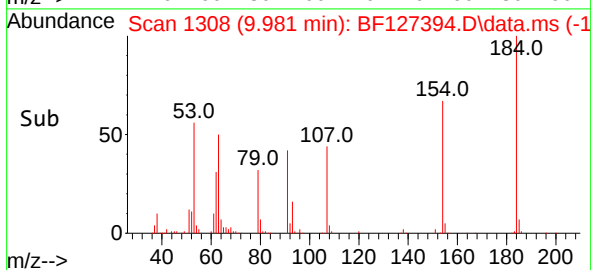
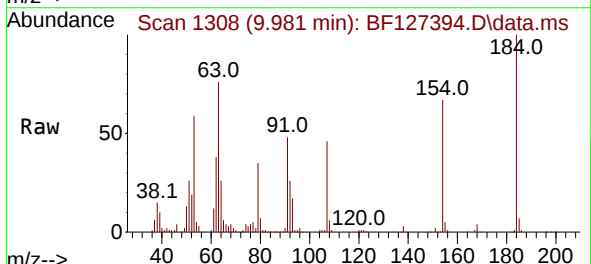
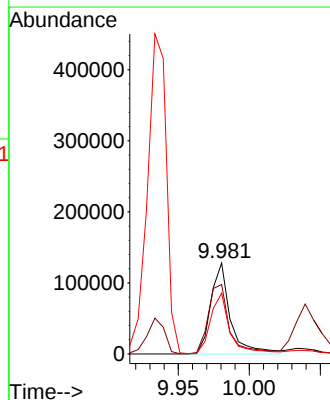
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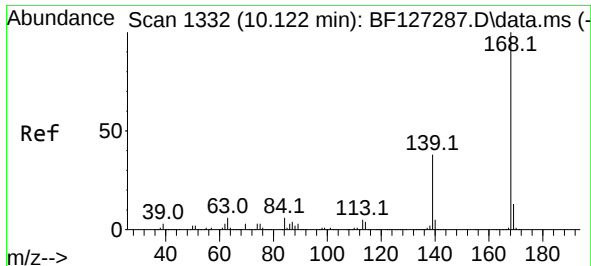
Reviewed By :Christian Giraldo 03/21/2022
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#54
2,4-Dinitrophenol
Concen: 73.858 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

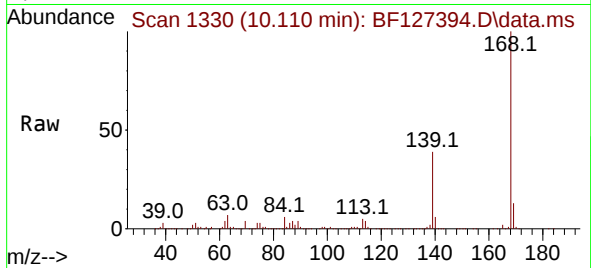
Tgt Ion:184 Resp: 122706
Ion Ratio Lower Upper
184 100
63 76.3 70.4 105.6
154 66.8 49.7 74.5





#55
Dibenzenofuran
Concen: 36.555 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

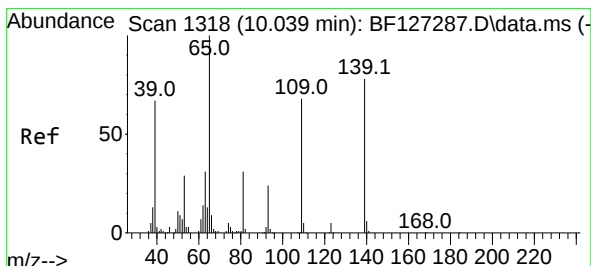
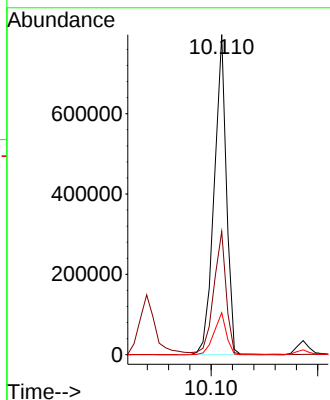
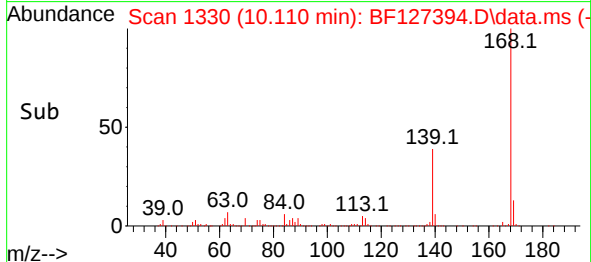
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:168 Resp: 63568
Ion Ratio Lower Upper
168 100
139 38.5 30.6 46.0
169 13.1 10.0 15.0

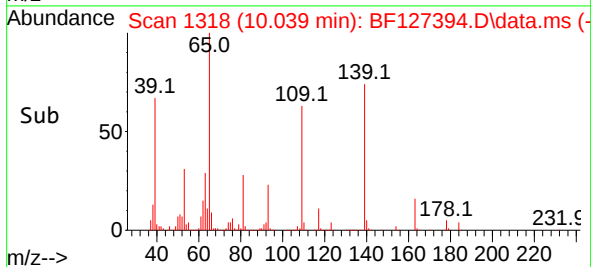
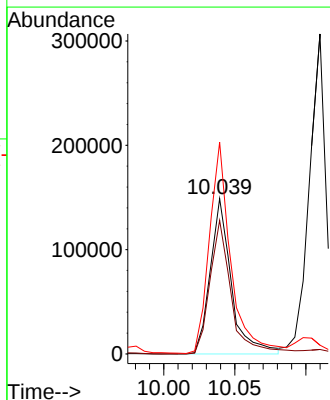
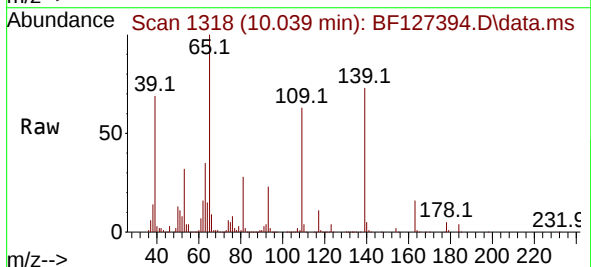
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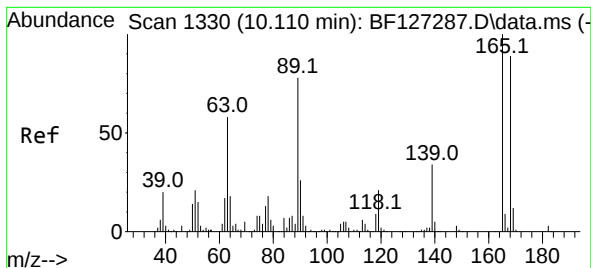
Reviewed By :Christian Giraldo 03/21/2022
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#56
4-Nitrophenol
Concen: 77.061 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

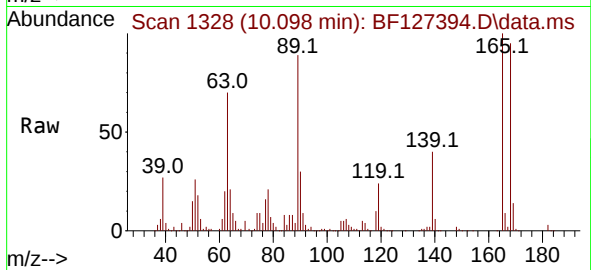
Tgt Ion:139 Resp: 154524
Ion Ratio Lower Upper
139 100
109 86.0 44.1 84.1#
65 136.5 85.5 125.5#





#57
2,4-Dinitrotoluene
Concen: 40.485 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

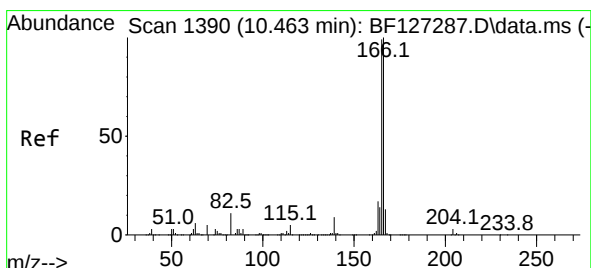
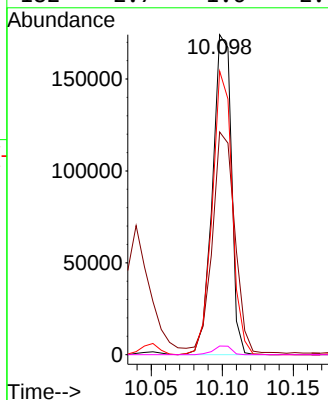
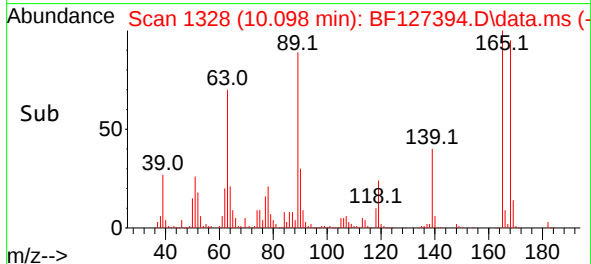
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:165 Resp: 16125
Ion Ratio Lower Upper
165 100
63 69.6 43.0 64.6
89 88.6 71.0 106.4
182 2.7 1.6 2.4#

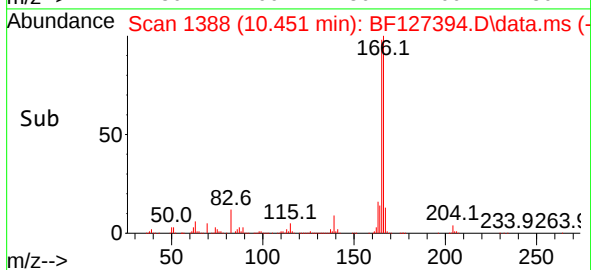
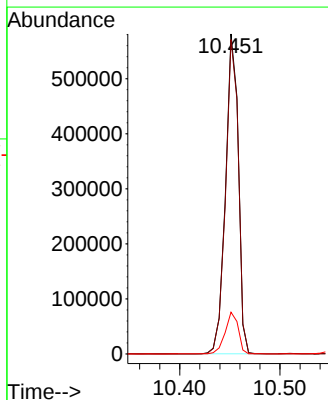
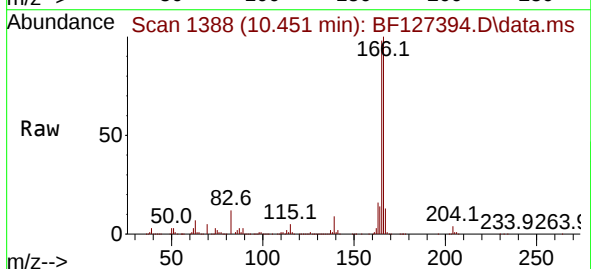
Manual Integrations
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Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#58
Fluorene
Concen: 38.090 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

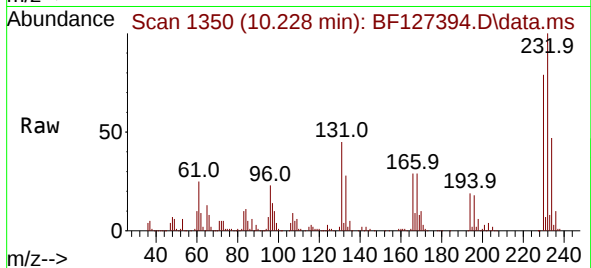
Tgt Ion:166 Resp: 513628
Ion Ratio Lower Upper
166 100
165 98.3 77.7 116.5
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.665 ng
RT: 10.228 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

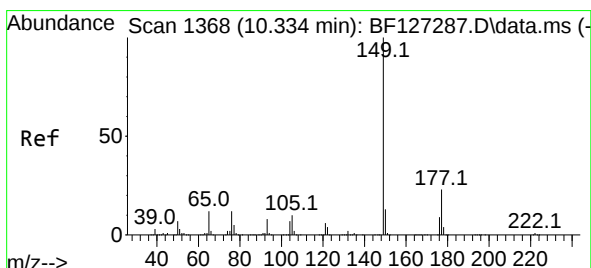
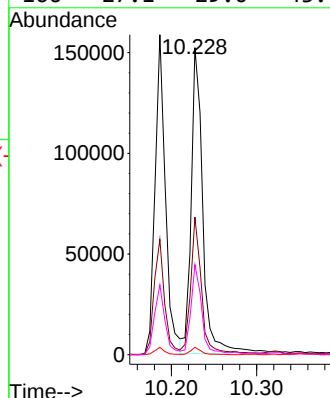
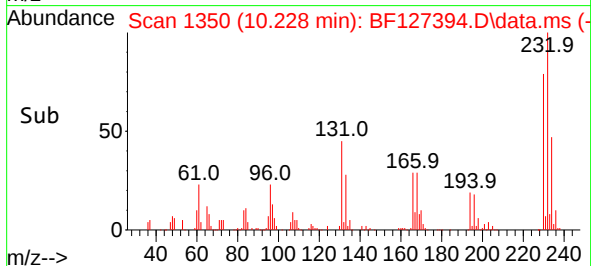
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:232 Resp: 142309
Ion Ratio Lower Upper
232 100
131 41.5 50.0 75.0
130 2.3 2.2 3.2
166 27.1 29.0 43.4#

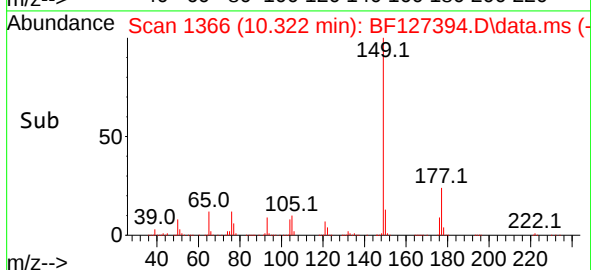
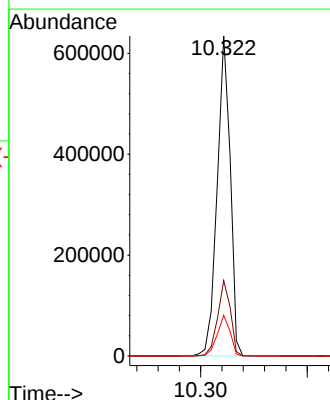
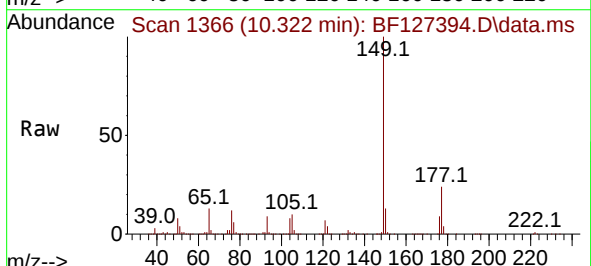
Manual Integrations
APPROVED

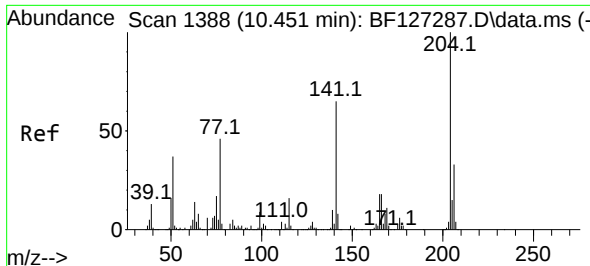
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#60
Diethylphthalate
Concen: 39.415 ng
RT: 10.322 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

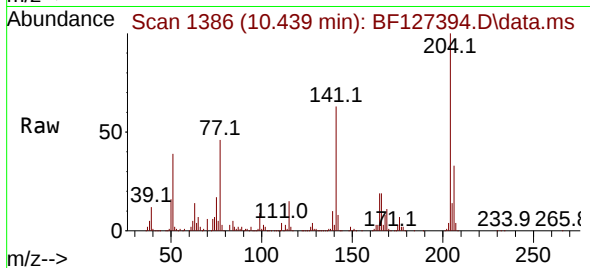
Tgt Ion:149 Resp: 538075
Ion Ratio Lower Upper
149 100
177 23.5 16.7 25.1
150 12.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 37.681 ng
RT: 10.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

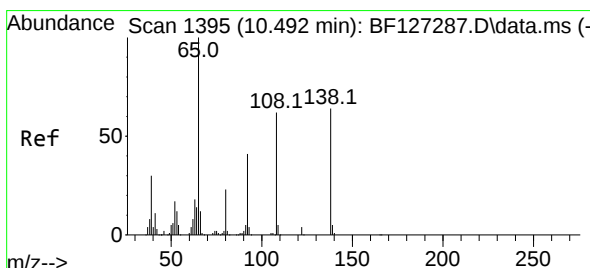
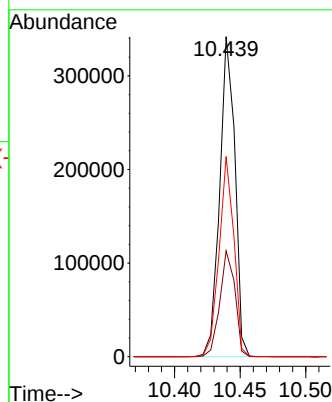
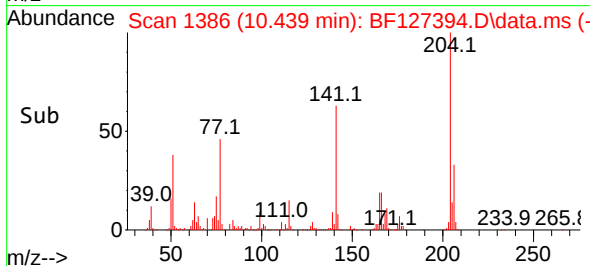
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:204 Resp: 275360
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 62.6 59.0 88.6

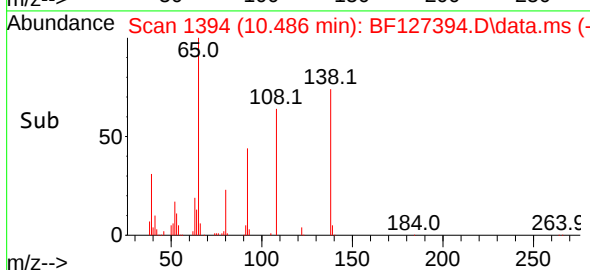
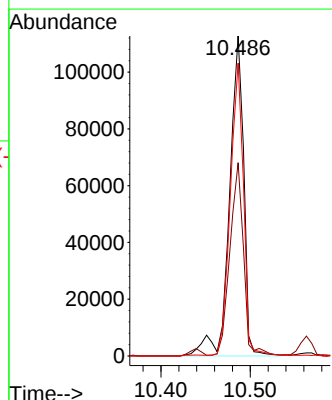
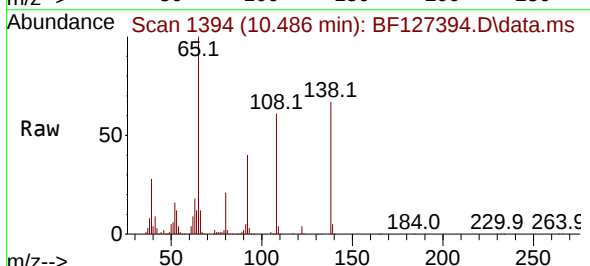
Manual Integrations
APPROVED

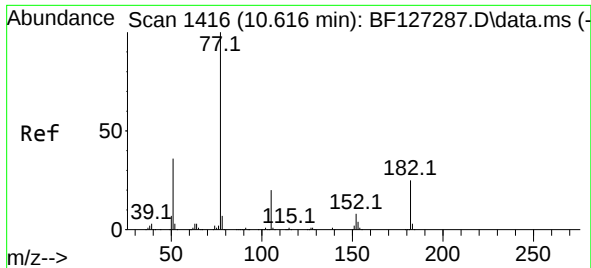
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#62
4-Nitroaniline
Concen: 37.967 ng m
RT: 10.486 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

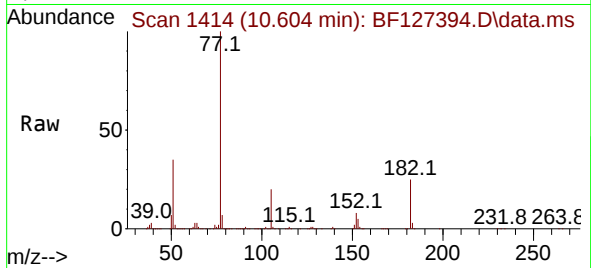
Tgt Ion:138 Resp: 124816
Ion Ratio Lower Upper
138 100
92 60.4 36.2 76.2
108 91.5 46.7 86.7#





#63
Azobenzene
Concen: 38.570 ng
RT: 10.604 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

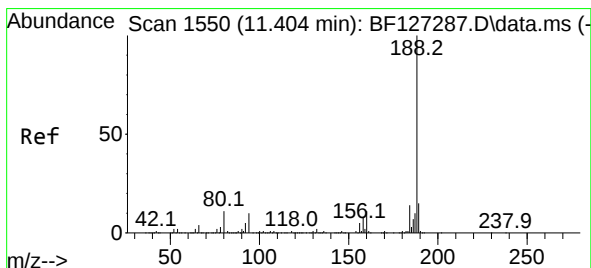
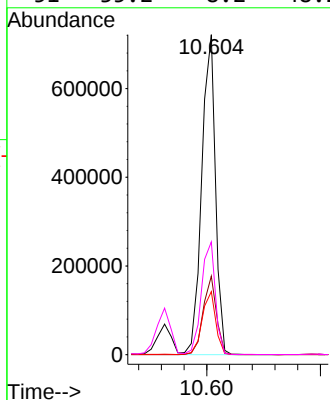
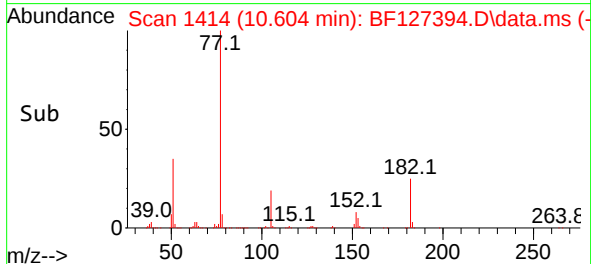
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



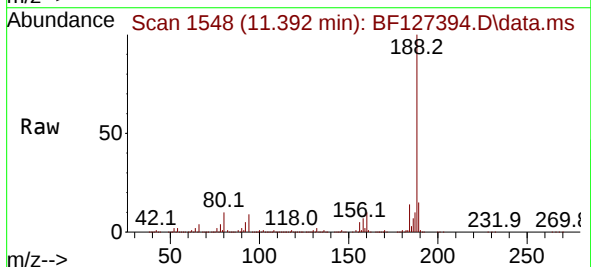
Tgt Ion: 77 Resp: 60526
Ion Ratio Lower Upper
77 100
182 24.6 0.0 39.0
105 19.7 3.2 43.2
51 35.2 8.2 48.2

Manual Integrations
APPROVED

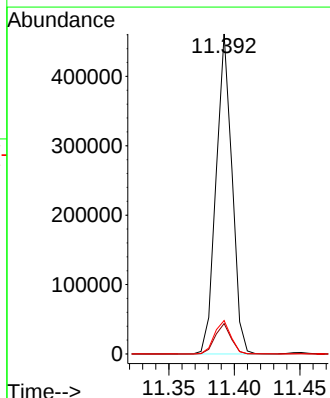
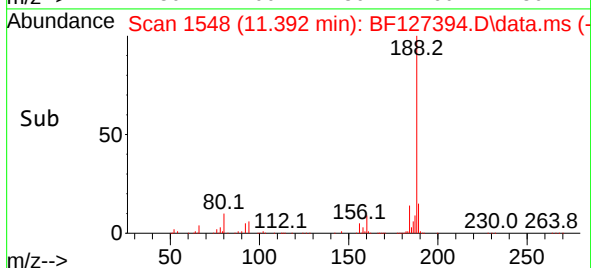
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

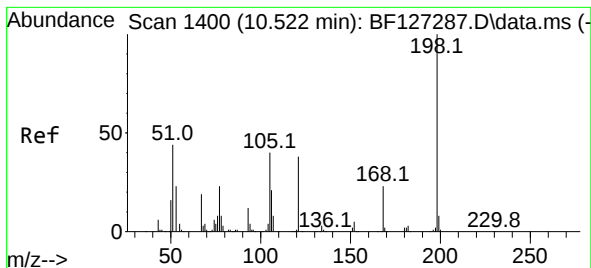


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21



Tgt Ion:188 Resp: 388553
Ion Ratio Lower Upper
188 100
94 9.5 10.1 15.1#
80 10.5 11.8 17.6#





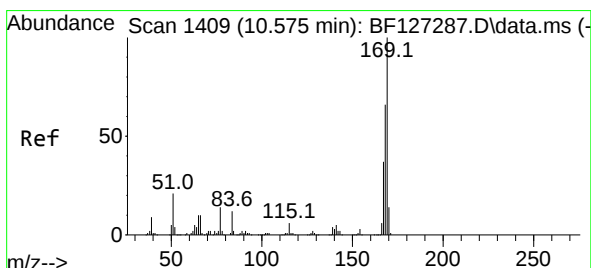
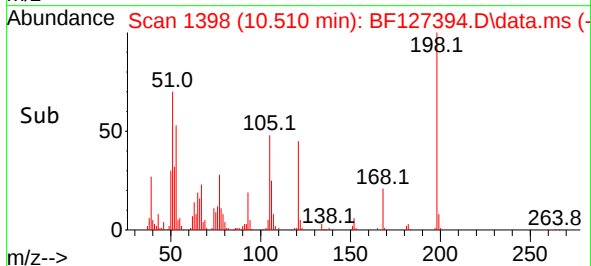
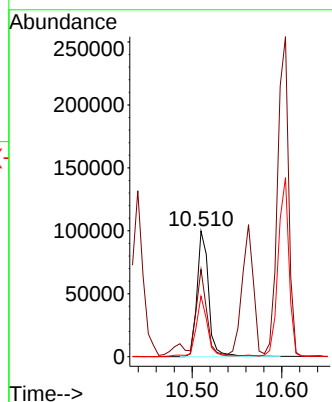
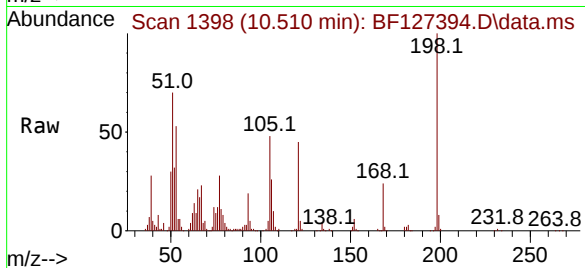
#65
4,6-Dinitro-2-methylphenol
Concen: 37.351 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD

Tgt Ion:198 Resp: 8948
Ion Ratio Lower Upper
198 100
51 69.6 32.0 72.0
105 48.2 32.7 72.7

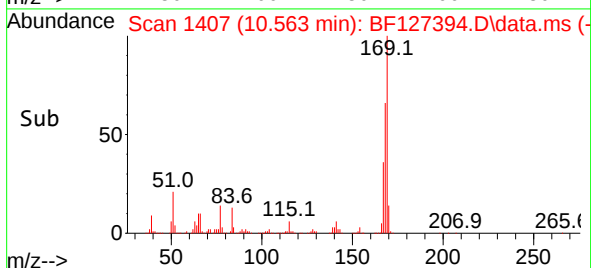
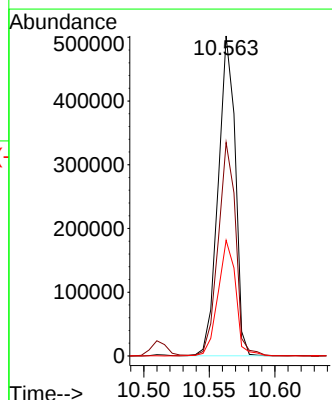
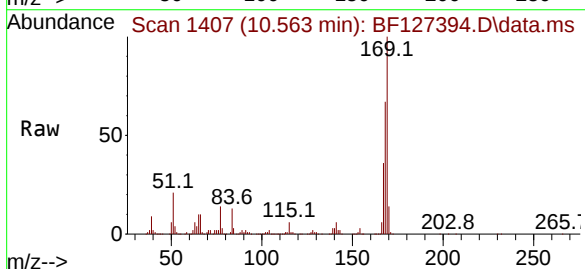
Manual Integrations
APPROVED

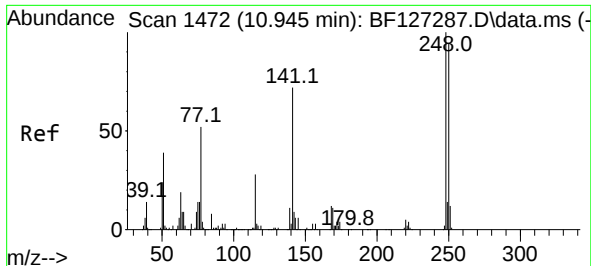
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#66
n-Nitrosodiphenylamine
Concen: 37.550 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Tgt Ion:169 Resp: 453133
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.2 29.4 44.0





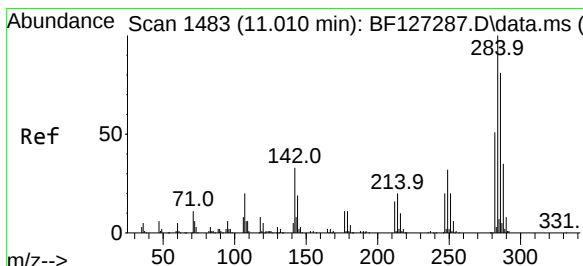
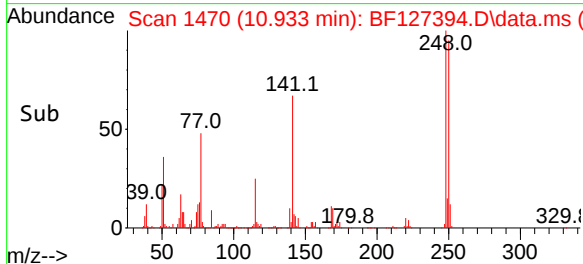
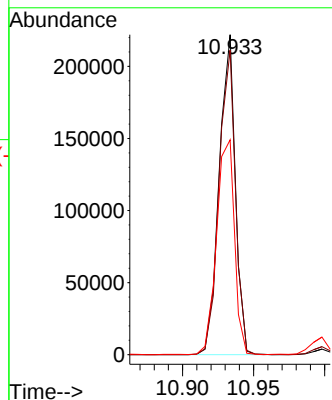
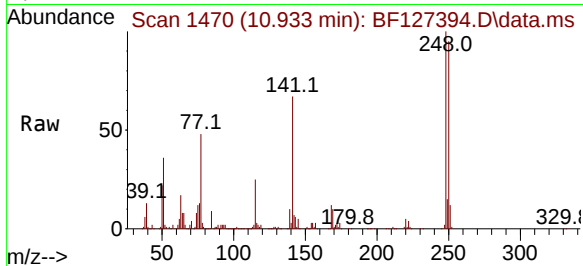
#67
4-Bromophenyl-phenylether
Concen: 37.410 ng
RT: 10.933 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD

Tgt Ion:248 Resp: 17522
Ion Ratio Lower Upper
248 100
250 95.2 76.2 114.4
141 67.2 66.2 99.4

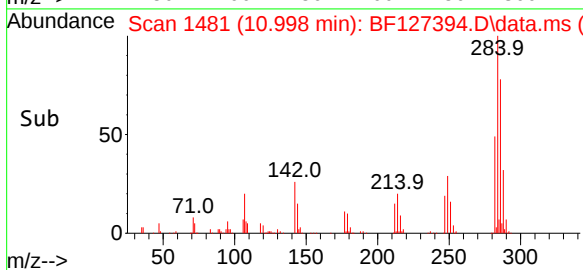
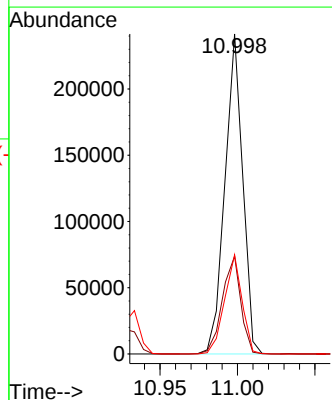
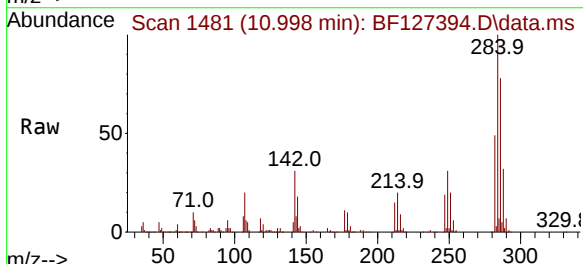
Manual Integrations
APPROVED

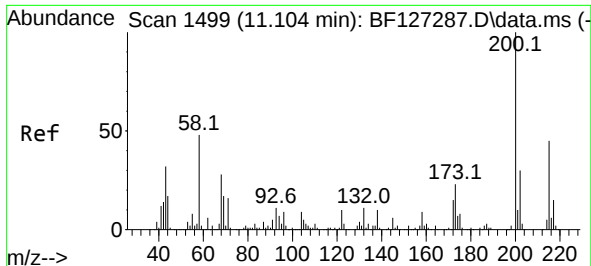
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#68
Hexachlorobenzene
Concen: 37.740 ng
RT: 10.998 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Tgt Ion:284 Resp: 192645
Ion Ratio Lower Upper
284 100
142 30.6 30.7 46.1#
249 31.0 21.1 31.7





#69

Atrazine

Concen: 42.867 ng

RT: 11.092 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

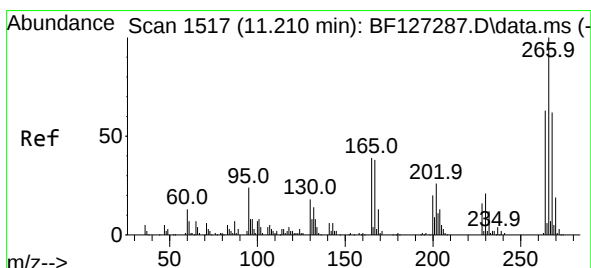
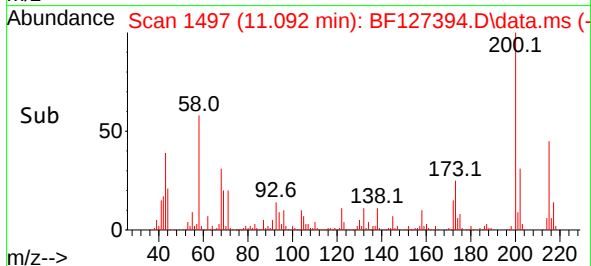
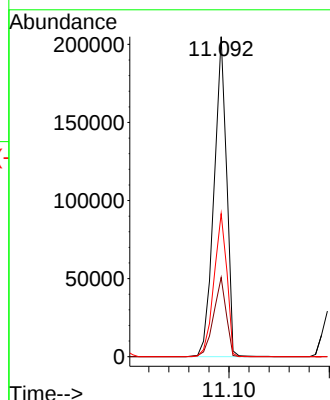
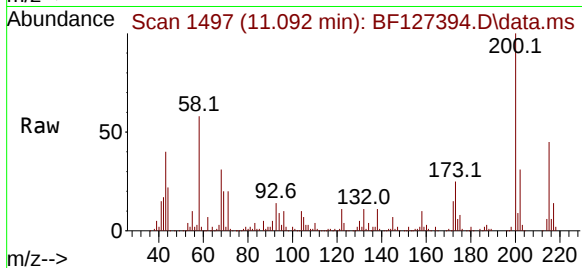
Tgt Ion:200 Resp: 178500
 Ion Ratio Lower Upper
 200 100
 173 24.7 9.2 49.2
 215 44.7 23.2 63.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/21/2022



#70

Pentachlorophenol

Concen: 77.573 ng

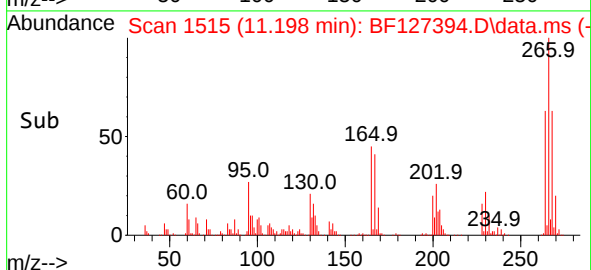
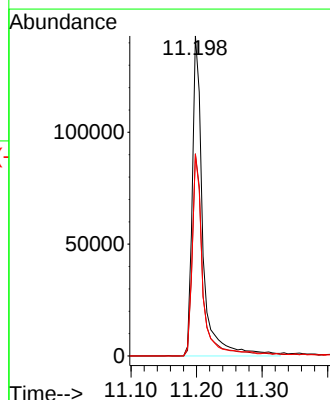
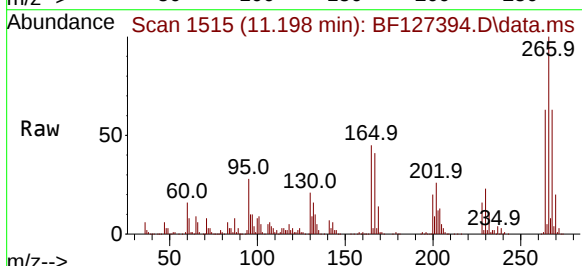
RT: 11.198 min Scan# 1515

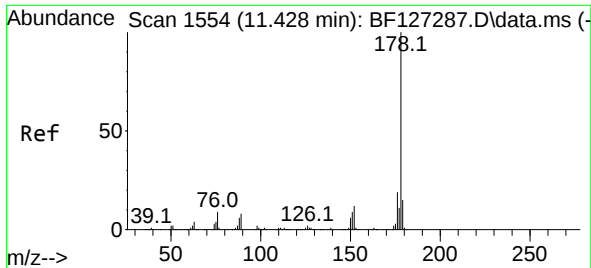
Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

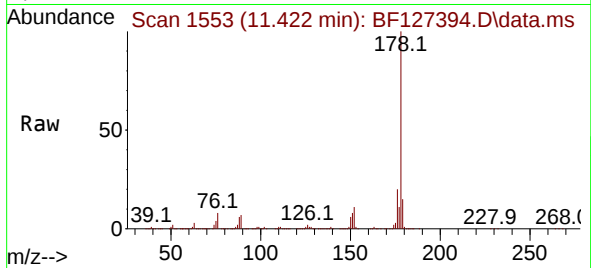
Tgt Ion:266 Resp: 159878
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.3 78.5
 264 63.0 50.4 75.6





#71
Phenanthrene
Concen: 37.305 ng
RT: 11.422 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

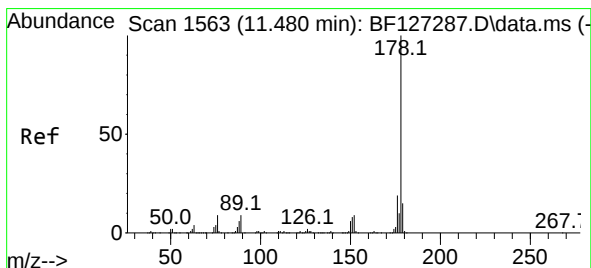
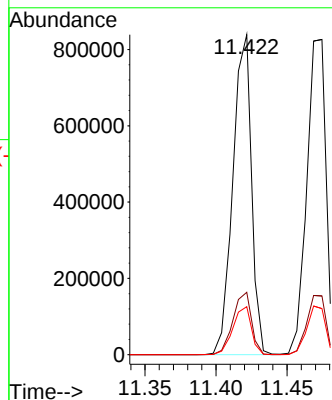
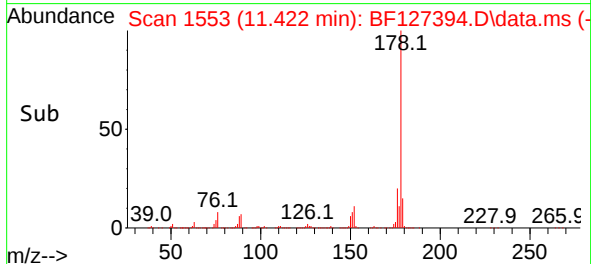
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



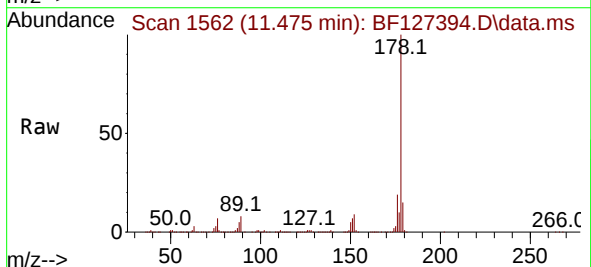
Tgt Ion:178 Resp: 76518
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.0 12.3 18.5

Manual Integrations
APPROVED

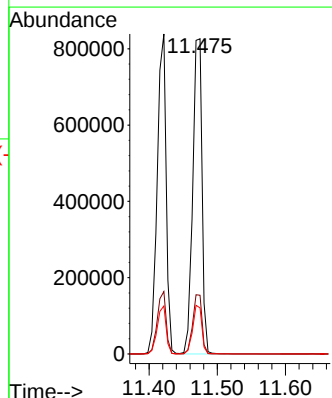
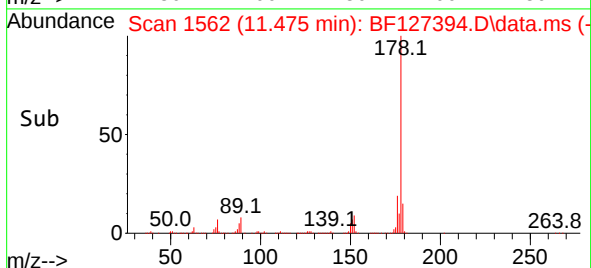
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

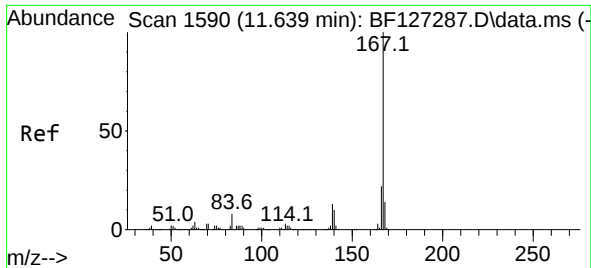


#72
Anthracene
Concen: 38.534 ng
RT: 11.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21



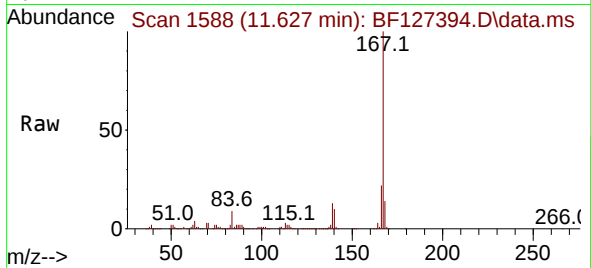
Tgt Ion:178 Resp: 782741
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 14.6 12.5 18.7





#73
 Carbazole
 Concen: 36.411 ng
 RT: 11.627 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127394.D
 Acq: 18 Mar 2022 16:21

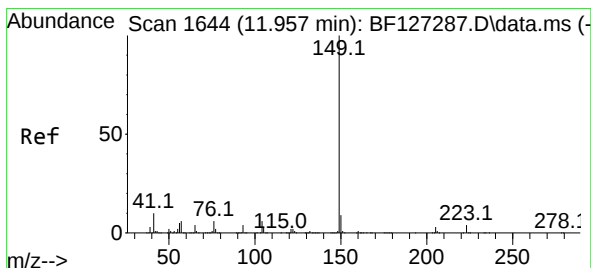
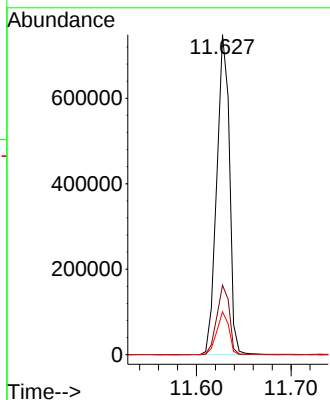
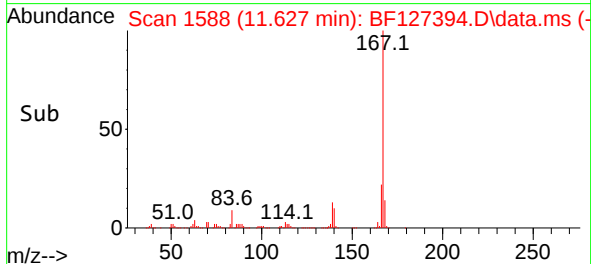
Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-4-6-DUPMSD



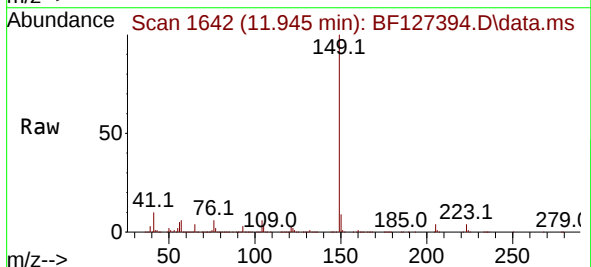
Tgt Ion:167 Resp: 69649
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.9 25.3
 139 13.4 11.3 16.9

Manual Integrations
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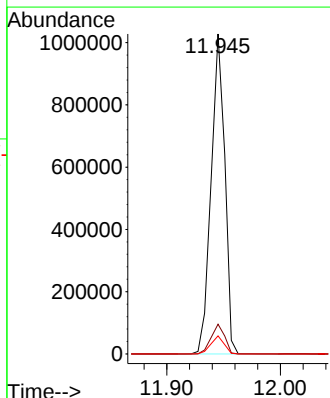
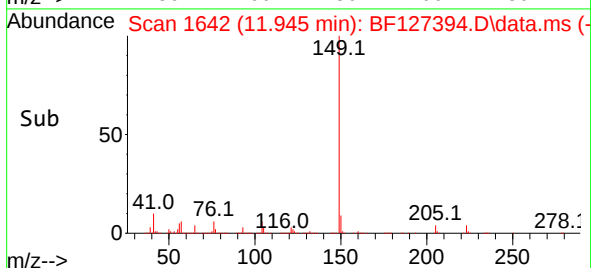
Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/21/2022

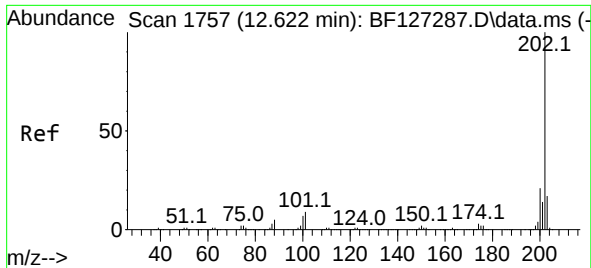


#74
 Di-n-butylphthalate
 Concen: 38.317 ng
 RT: 11.945 min Scan# 1642
 Delta R.T. 0.000 min
 Lab File: BF127394.D
 Acq: 18 Mar 2022 16:21



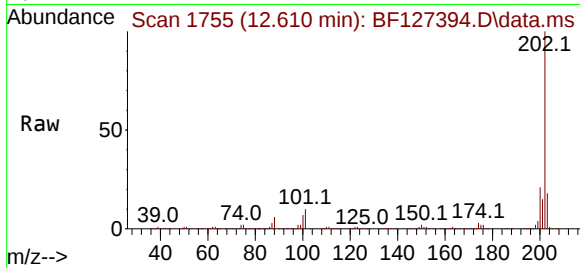
Tgt Ion:149 Resp: 857297
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 5.6 4.2 6.2





#75
Fluoranthene
Concen: 36.792 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

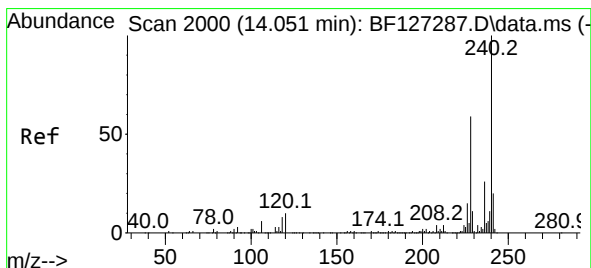
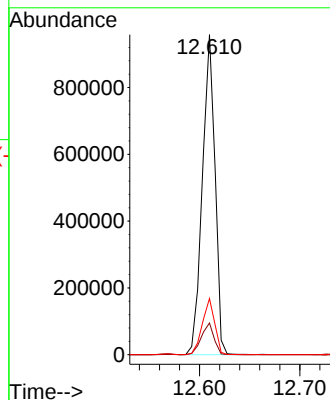
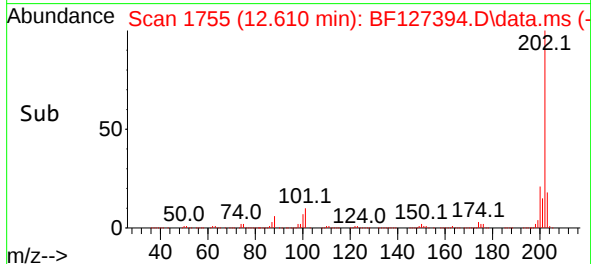
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



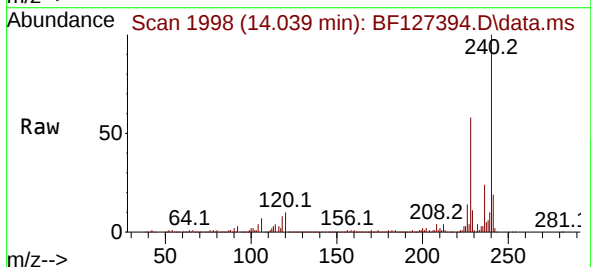
Tgt Ion:202 Resp: 843785
Ion Ratio Lower Upper
202 100
101 9.9 0.0 35.7
203 17.6 0.0 37.1

Manual Integrations
APPROVED

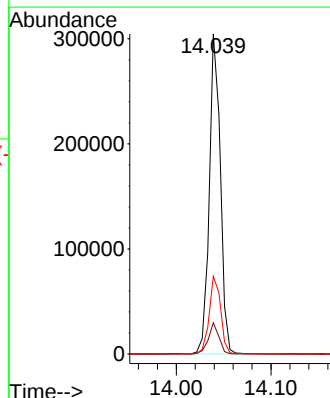
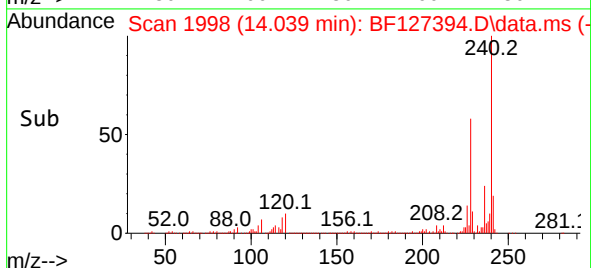
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

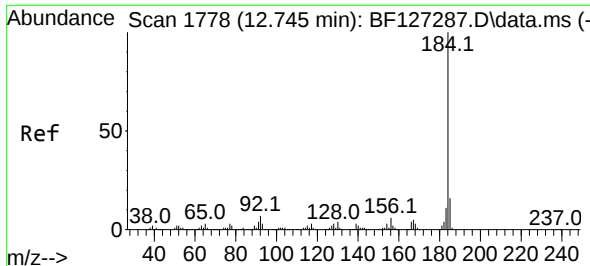


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21



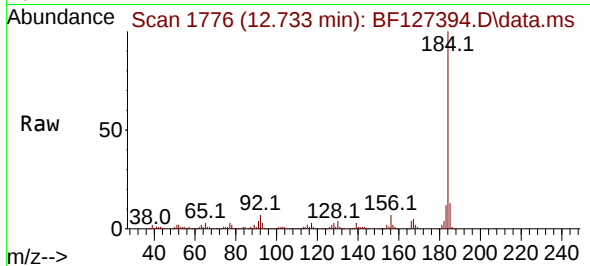
Tgt Ion:240 Resp: 246295
Ion Ratio Lower Upper
240 100
120 9.8 14.4 21.6#
236 24.3 20.5 30.7





#77
Benzidine
Concen: 32.292 ng
RT: 12.733 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

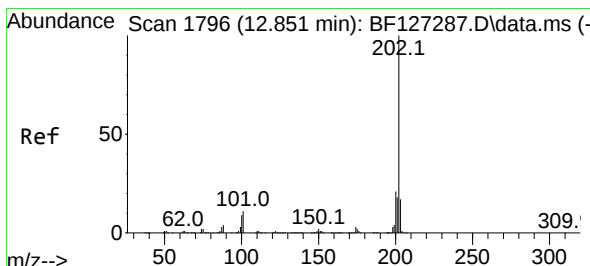
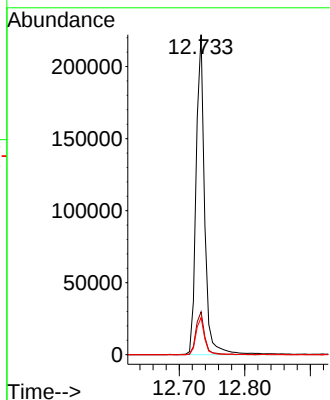
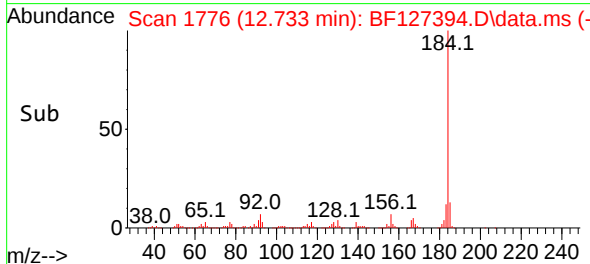
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:184 Resp: 202250
Ion Ratio Lower Upper
184 100
185 13.4 11.8 17.8
183 11.6 8.2 12.2

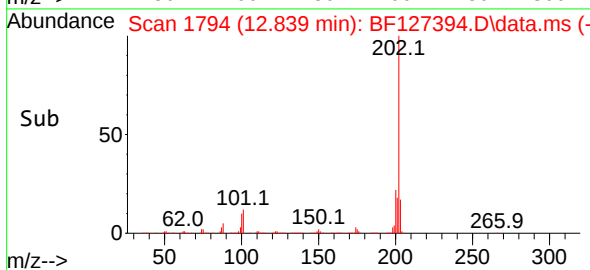
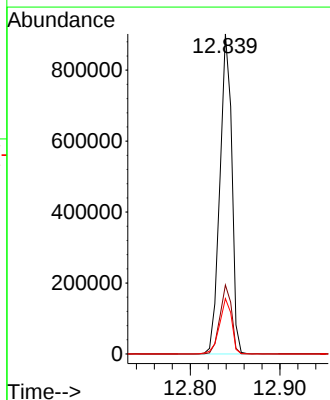
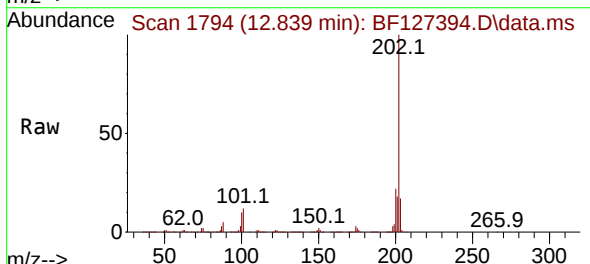
Manual Integrations
APPROVED

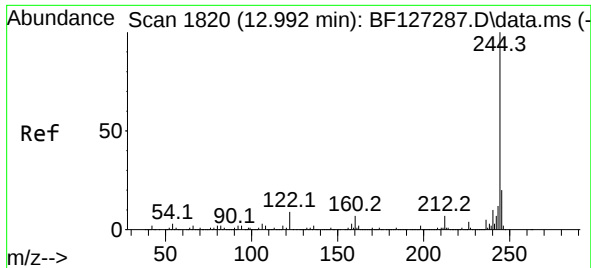
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#78
Pyrene
Concen: 43.314 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

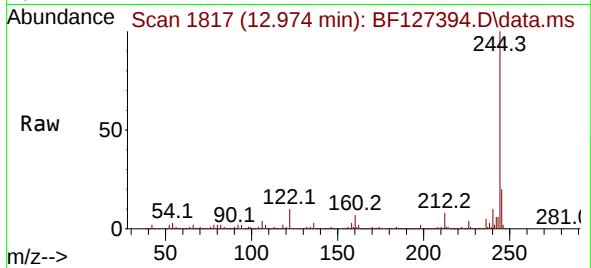
Tgt Ion:202 Resp: 830930
Ion Ratio Lower Upper
202 100
200 21.6 16.6 24.8
203 17.3 13.8 20.8





#79
Terphenyl-d14
Concen: 65.096 ng
RT: 12.974 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

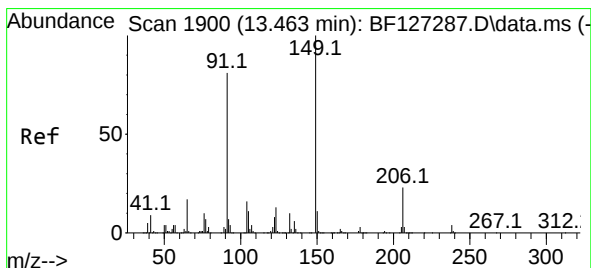
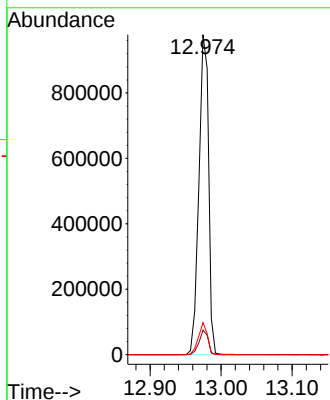
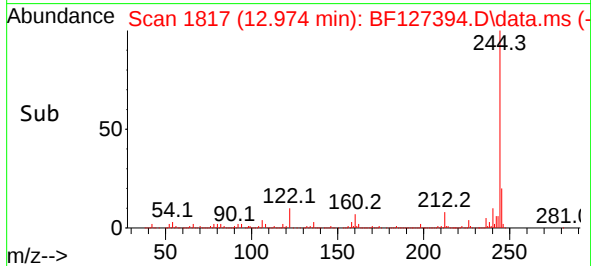
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:244 Resp: 93109
Ion Ratio Lower Upper
244 100
212 7.7 5.0 7.4
122 10.0 13.3 19.9

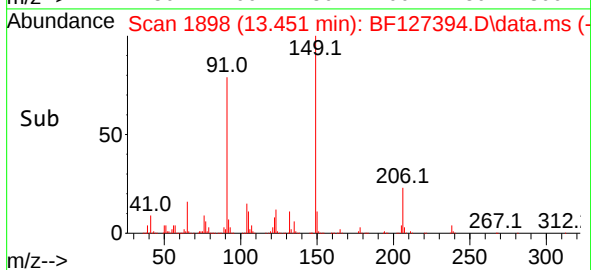
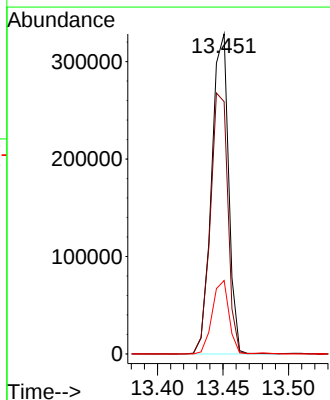
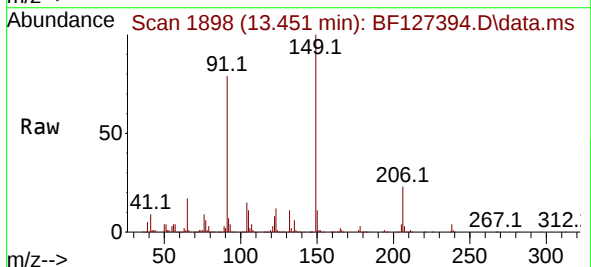
Manual Integrations
APPROVED

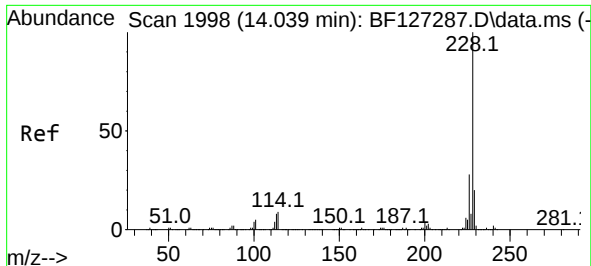
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#80
Butylbenzylphthalate
Concen: 40.161 ng
RT: 13.451 min Scan# 1898
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

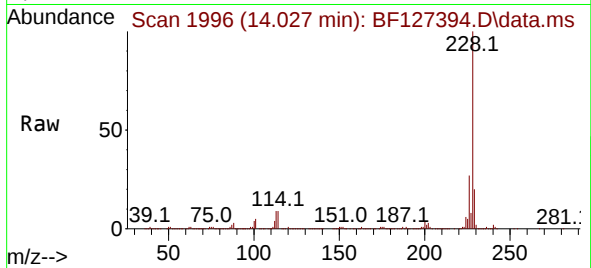
Tgt Ion:149 Resp: 296515
Ion Ratio Lower Upper
149 100
91 78.8 70.5 105.7
206 22.9 12.6 19.0





#81
Benzo(a)anthracene
Concen: 38.956 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

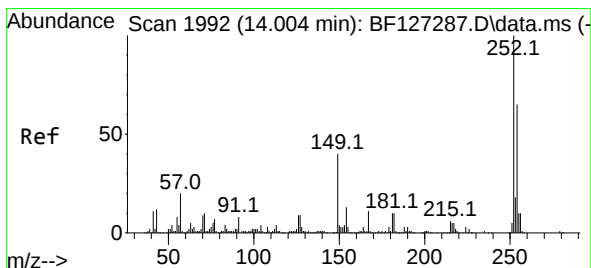
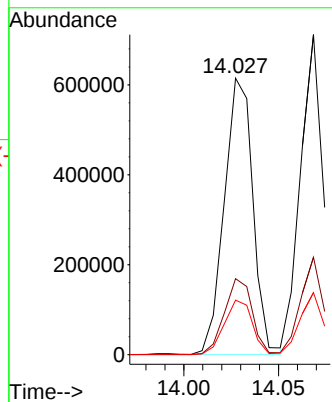
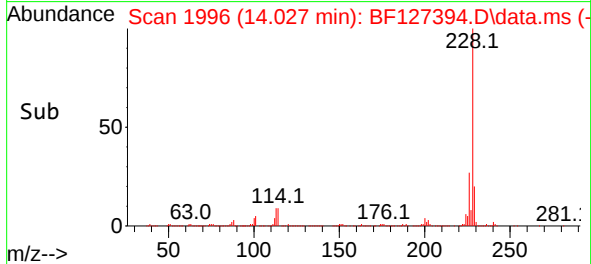
Instrument : BNA_F
ClientSampleId : CP-BH1-031422-4-6-DUPMSD



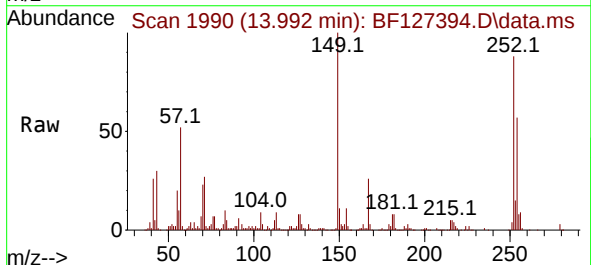
Tgt Ion:228 Resp: 646039
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.8 15.4 23.2

Manual Integrations
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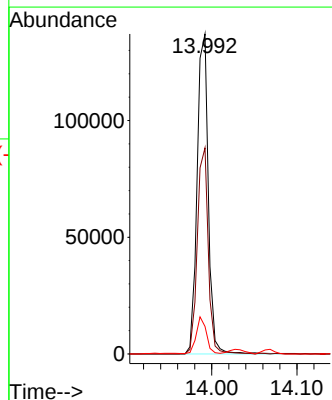
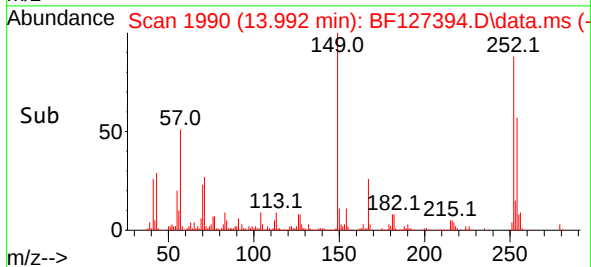
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

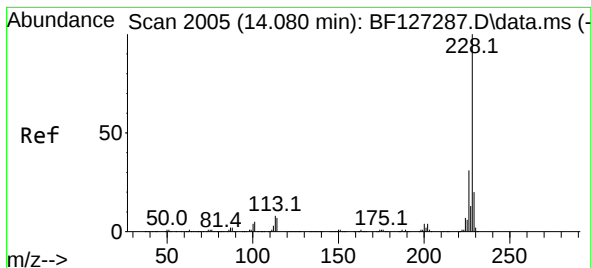


#82
3,3'-Dichlorobenzidine
Concen: 24.299 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21



Tgt Ion:252 Resp: 125296
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.4
126 8.6 13.4 20.0#





#83

Chrysene

Concen: 38.399 ng

RT: 14.068 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA_F

ClientSampleId :

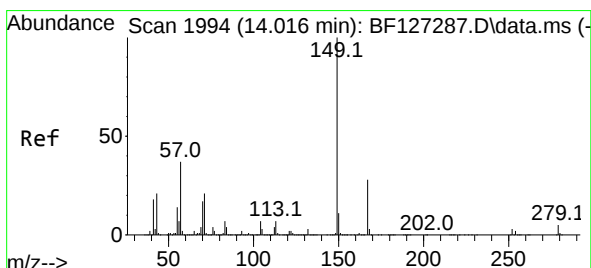
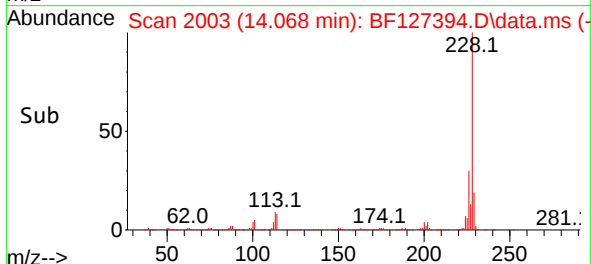
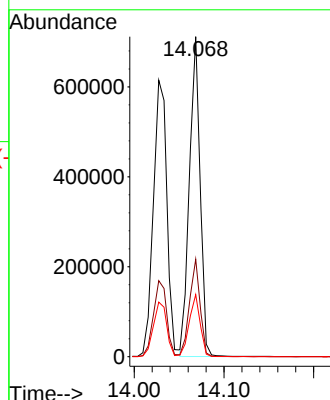
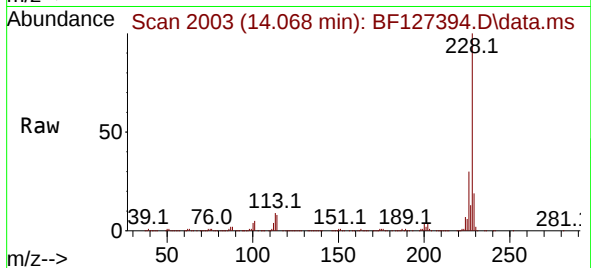
CP-BH1-031422-4-6-DUPMSD

Tgt Ion:228 Resp: 592285
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.7 35.5
 229 19.4 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.309 ng

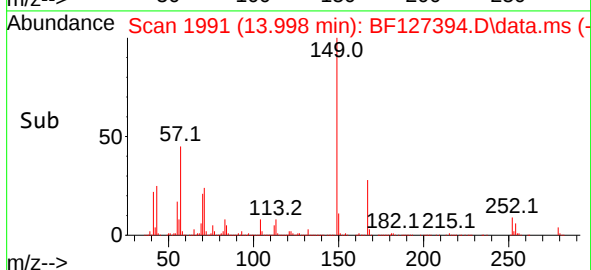
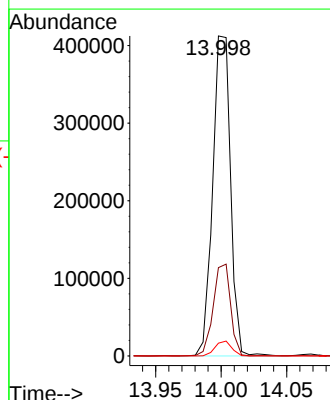
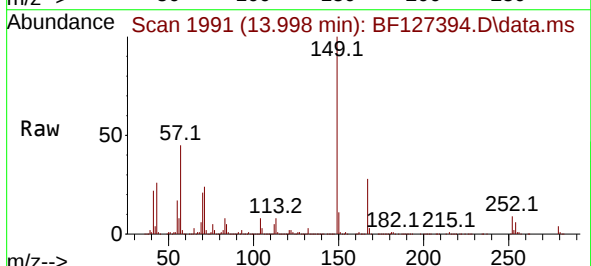
RT: 13.998 min Scan# 1991

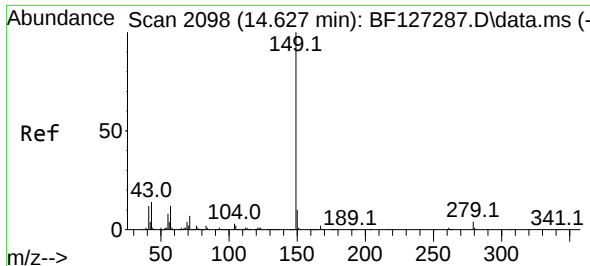
Delta R.T. -0.006 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

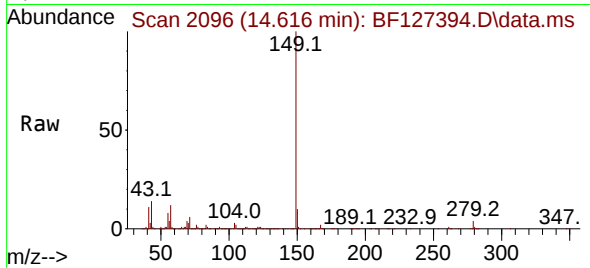
Tgt Ion:149 Resp: 390679
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.4 32.2
 279 4.0 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 41.921 ng
RT: 14.616 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

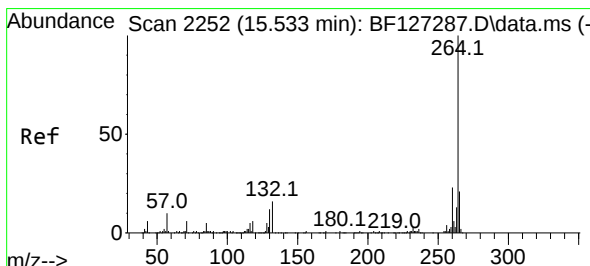
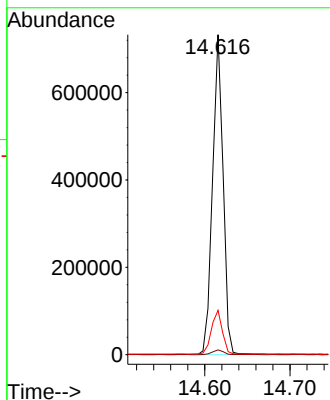
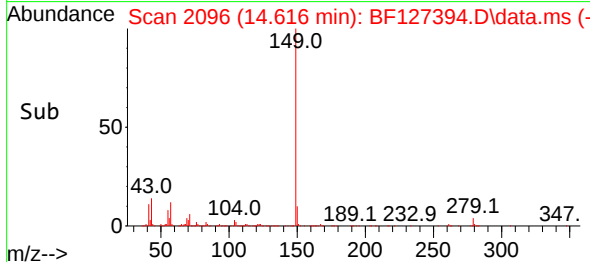
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:149 Resp: 630602
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 14.0 9.9 14.9

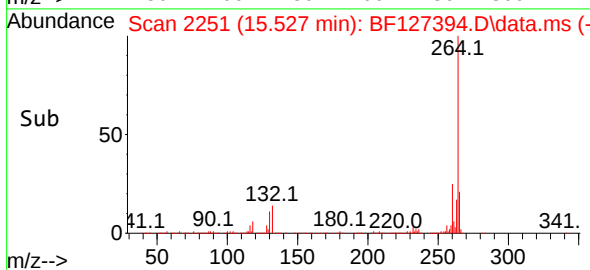
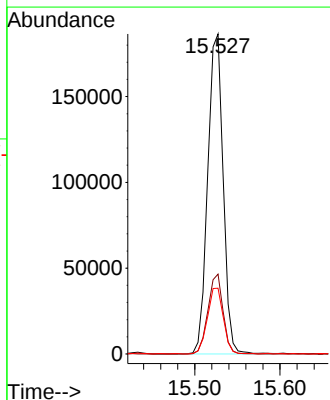
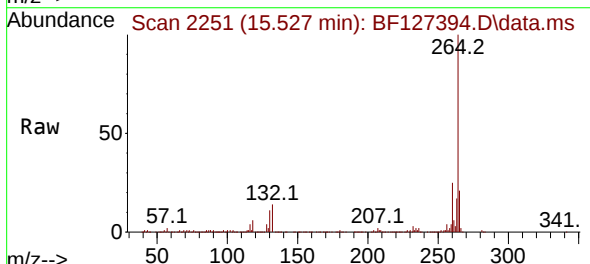
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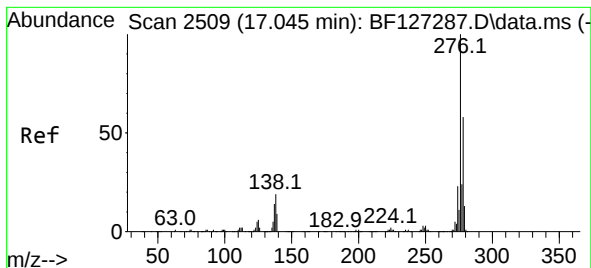
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2251
Delta R.T. 0.006 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

Tgt Ion:264 Resp: 234680
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 20.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.130 ng

RT: 17.033 min Scan# 2176

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

Instrument :

BNA_F

ClientSampleId :

CP-BH1-031422-4-6-DUPMSD

Tgt Ion:276 Resp: 638028

Ion Ratio Lower Upper

276 100

138 21.6 29.2 43.8

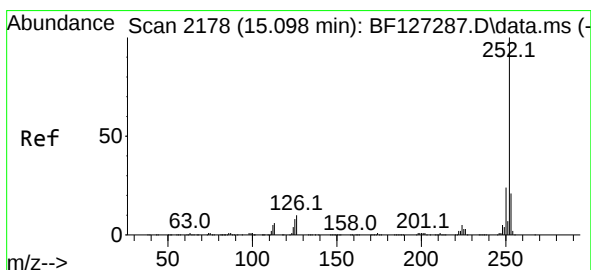
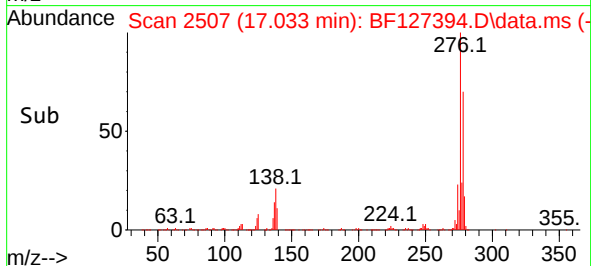
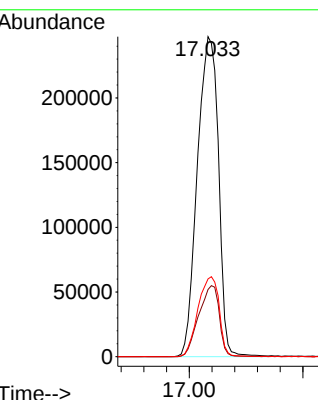
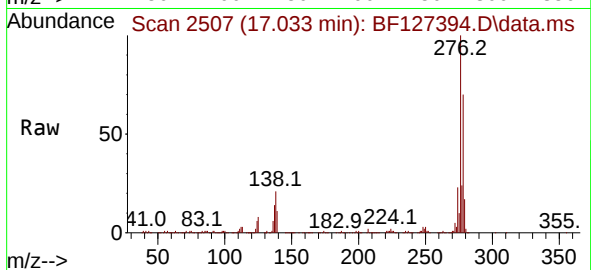
277 25.1 19.8 29.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/21/2022



#88

Benzo(b)fluoranthene

Concen: 39.446 ng

RT: 15.086 min Scan# 2176

Delta R.T. 0.000 min

Lab File: BF127394.D

Acq: 18 Mar 2022 16:21

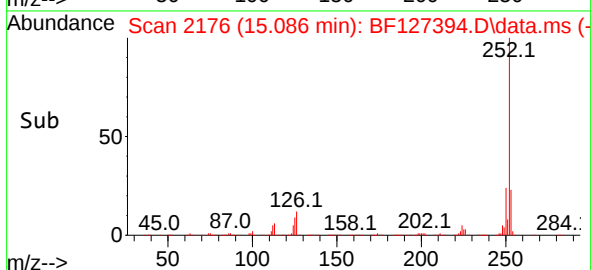
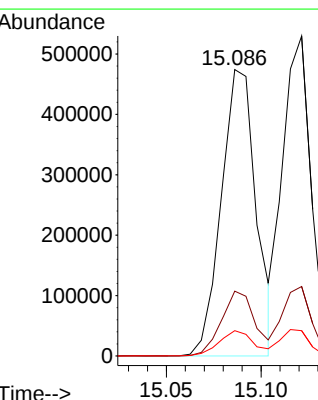
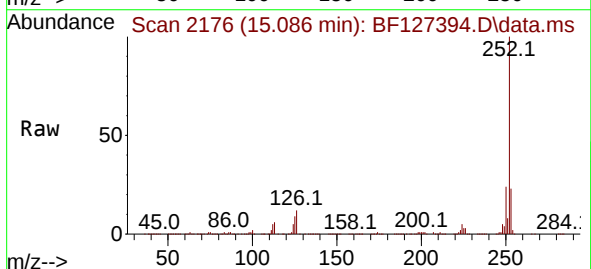
Tgt Ion:252 Resp: 607644

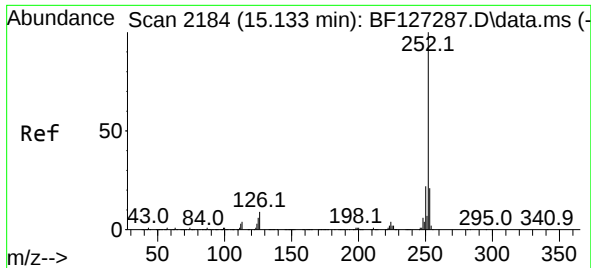
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

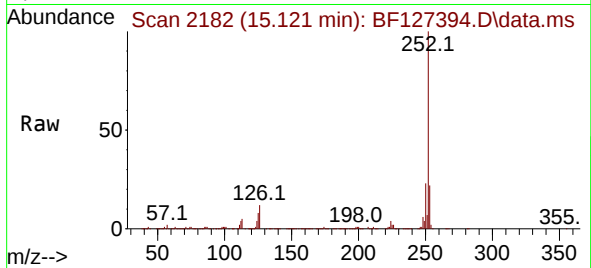
125 8.8 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 37.876 ng
RT: 15.121 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

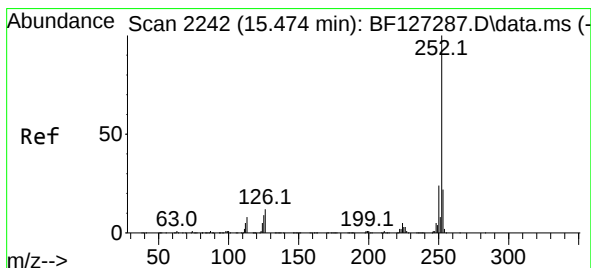
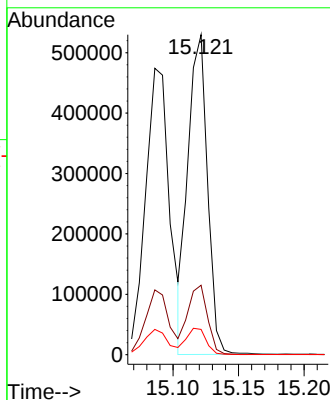
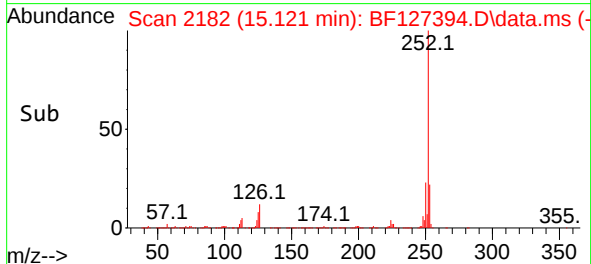
Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMSD



Tgt Ion:252 Resp: 54860
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.9 11.8 17.6

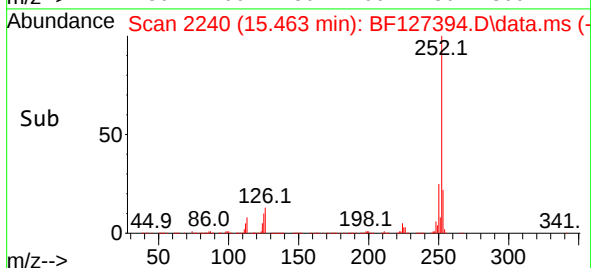
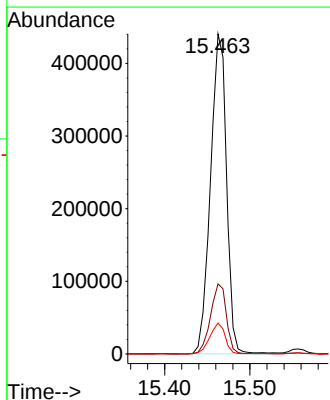
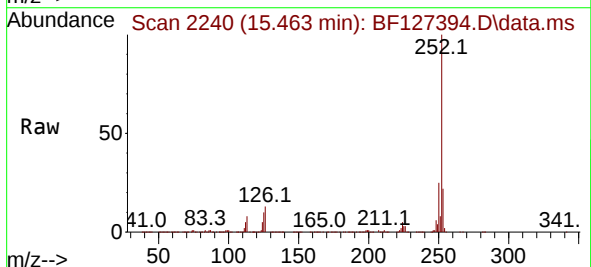
Manual Integrations
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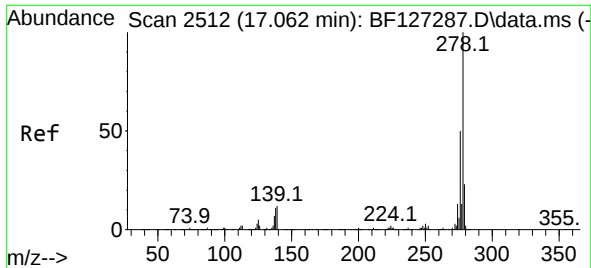
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#90
Benzo(a)pyrene
Concen: 47.409 ng
RT: 15.463 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BF127394.D
Acq: 18 Mar 2022 16:21

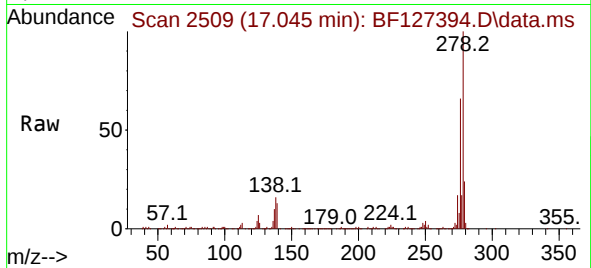
Tgt Ion:252 Resp: 575090
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.6 13.0 19.6





#91
 Dibenzo(a,h)anthracene
 Concen: 47.922 ng
 RT: 17.045 min Scan# 2509
 Delta R.T. 0.000 min
 Lab File: BF127394.D
 Acq: 18 Mar 2022 16:21

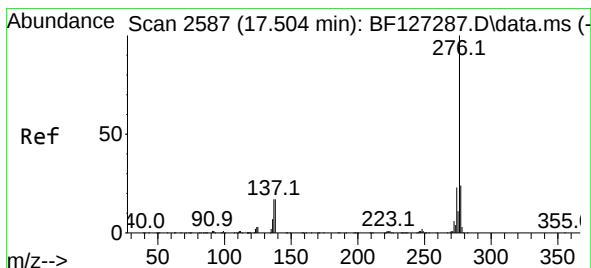
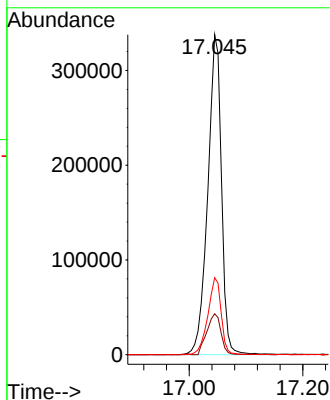
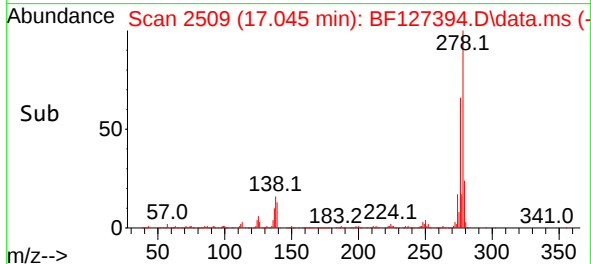
Instrument :
 BNA_F
 ClientSampleId :
 CP-BH1-031422-4-6-DUPMSD



Tgt Ion:278 Resp: 563878
 Ion Ratio Lower Upper
 278 100
 139 12.8 18.0 27.0
 279 24.1 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/21/2022



#92
 Benzo(g,h,i)perylene
 Concen: 49.411 ng
 RT: 17.492 min Scan# 2585
 Delta R.T. 0.000 min
 Lab File: BF127394.D
 Acq: 18 Mar 2022 16:21

Tgt Ion:276 Resp: 567113
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.5 27.7
 138 19.1 25.9 38.9

